

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011508.D
 Acq On : 26 Jul 2019 10:41
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 9:17:21 AM

Quant Time: Jul 27 05:39:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	369915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154916	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	123333	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
35) Dibromofluoromethane	7.88	113	101256	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
50) Toluene-d8	10.32	98	401013	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
62) 4-Bromofluorobenzene	12.62	95	148474	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	64414	50.892	ug/l	93
3) Chloromethane	2.21	50	112733	51.365	ug/l	97
4) Vinyl Chloride	2.36	62	148113	56.055	ug/l	97
5) Bromomethane	2.78	94	79869	54.609	ug/l	96
6) Chloroethane	2.92	64	84447	55.950	ug/l	97
7) Trichlorofluoromethane	3.26	101	71031	60.151	ug/l	96
8) Diethyl Ether	3.68	74	76072	56.817	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	127304	56.829	ug/l	99
10) Methyl Iodide	4.27	142	183379	57.927	ug/l	100
11) Tert butyl alcohol	5.18	59	46533	241.154	ug/l	100
12) 1,1-Dichloroethene	4.04	96	135178	57.153	ug/l	98
13) Acrolein	3.89	56	41891	223.875	ug/l	98
14) Allyl chloride	4.67	41	299029	59.442	ug/l	99
15) Acrylonitrile	5.36	53	187057	279.872	ug/l	99
16) Acetone	4.12	43	236090	284.604	ug/l	96
17) Carbon Disulfide	4.38	76	428388	57.869	ug/l	100
18) Methyl Acetate	4.67	43	98505	52.859	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	215057	57.298	ug/l	97
20) Methylene Chloride	4.92	84	148244	51.817	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	146782	57.562	ug/l	99
22) Diisopropyl ether	6.31	45	540704	57.009	ug/l	99
23) Vinyl Acetate	6.25	43	1727592	289.883	ug/l	100
24) 1,1-Dichloroethane	6.21	63	292613	57.606	ug/l	98
25) 2-Butanone	7.16	43	304192	280.239	ug/l	98
26) 2,2-Dichloropropane	7.16	77	168825	54.043	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	160716	57.267	ug/l	99
28) Bromochloromethane	7.51	49	106061	47.041	ug/l	100
29) Tetrahydrofuran	7.52	42	170727	275.159	ug/l	99
30) Chloroform	7.67	83	262921	56.105	ug/l	99
31) Cyclohexane	7.95	56	263665	54.075	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	209234	58.627	ug/l	99
36) 1,1-Dichloropropene	8.08	75	221952	57.703	ug/l	99
37) Ethyl Acetate	7.25	43	121260	54.795	ug/l	99
38) Carbon Tetrachloride	8.07	117	188797	57.336	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	244349	57.692	ug/l	98
40) Benzene	8.32	78	610606	56.673	ug/l	99
41) Methacrylonitrile	7.48	41	74859	56.589	ug/l	95
42) 1,2-Dichloroethane	8.40	62	189853	56.282	ug/l	100
43) Isopropyl Acetate	8.42	43	228655	56.183	ug/l	99
44) Trichloroethene	9.09	130	148561	57.370	ug/l	98
45) 1,2-Dichloropropane	9.37	63	163867	56.843	ug/l	98
46) Dibromomethane	9.46	93	73577	55.920	ug/l	100
47) Bromodichloromethane	9.65	83	197852	57.325	ug/l	99
48) Methyl methacrylate	9.43	41	110608	56.578	ug/l	97
49) 1,4-Dioxane	9.45	88	20281	1064.544	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	586345	276.982	ug/l	100
52) Toluene	10.39	92	376573	57.877	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	206649	57.317	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	247271	57.682	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	104289	55.863	ug/l	98
56) Ethyl methacrylate	10.65	69	157332	57.592	ug/l	99
57) 1,3-Dichloropropane	10.93	76	197163	55.823	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	316007	254.771	ug/l	99
59) 2-Hexanone	10.97	43	434109	290.438	ug/l	100
60) Dibromochloromethane	11.13	129	116944	56.433	ug/l	99
61) 1,2-Dibromoethane	11.24	107	98735	55.887	ug/l	99
64) Tetrachloroethene	10.86	164	120038	57.890	ug/l	98
65) Chlorobenzene	11.66	112	369227	57.668	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	130045	58.311	ug/l	99
67) Ethyl Benzene	11.73	91	717115	58.808	ug/l	100
68) m/p-Xylenes	11.84	106	520844	117.449	ug/l	100
69) o-Xylene	12.16	106	241627	58.634	ug/l	100
70) Styrene	12.18	104	421060	59.095	ug/l	100
71) Bromoform	12.35	173	66871	58.809	ug/l #	99
73) Isopropylbenzene	12.46	105	670279	57.997	ug/l	100
74) N-amyl acetate	12.27	43	208306	57.571	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	121939	56.093	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	87358m	53.293	ug/l	
77) Bromobenzene	12.75	156	146963	57.532	ug/l	100
78) n-propylbenzene	12.80	91	825092	58.663	ug/l	99
79) 2-Chlorotoluene	12.89	91	468208	57.783	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	563968	58.215	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42164	59.281	ug/l	98
82) 4-Chlorotoluene	12.99	91	484387	56.976	ug/l	99
83) tert-Butylbenzene	13.21	119	475511	58.695	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	560952	57.480	ug/l	100
85) sec-Butylbenzene	13.38	105	675924	58.473	ug/l	100
86) p-Isopropyltoluene	13.50	119	611618	58.315	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	285397	56.980	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	278626	55.921	ug/l	99
89) n-Butylbenzene	13.82	91	616684	58.919	ug/l	99
90) Hexachloroethane	14.10	117	109433	59.006	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	251885	56.859	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20348	54.890	ug/l	97

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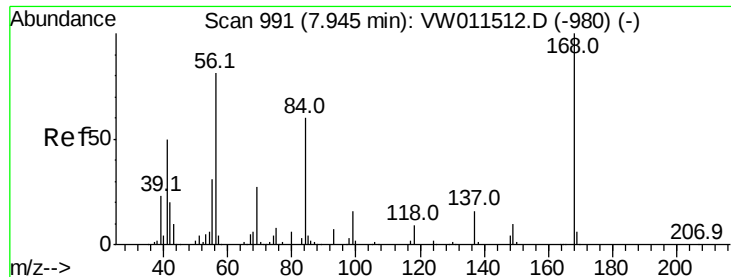
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	179897	57.620	ug/l	99
94) Hexachlorobutadiene	15.24	225	112169	57.610	ug/l	99
95) Naphthalene	15.37	128	323346	52.752	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	153494	56.086	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: VW011508.D

Acq: 26 Jul 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 227106

Ion Ratio Lower Upper

168 100

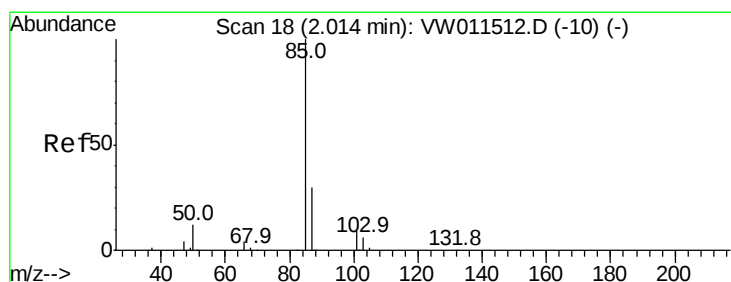
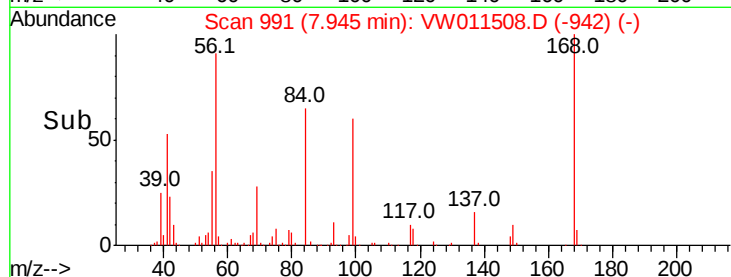
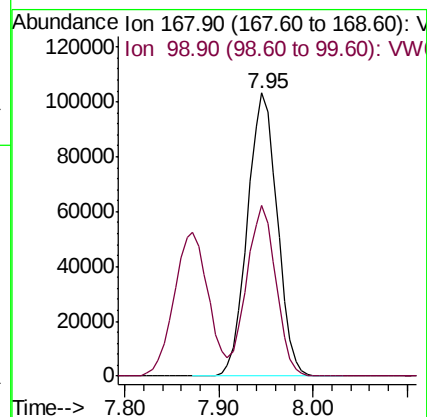
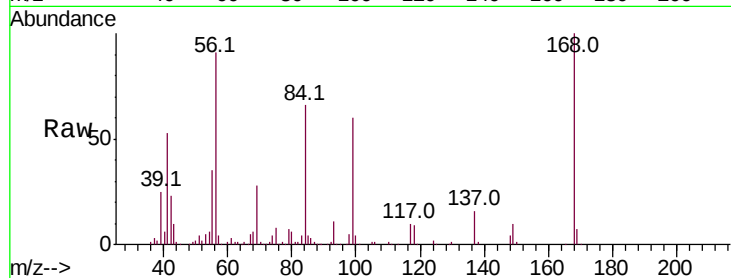
99 60.1 48.2 72.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 50.892 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011508.D

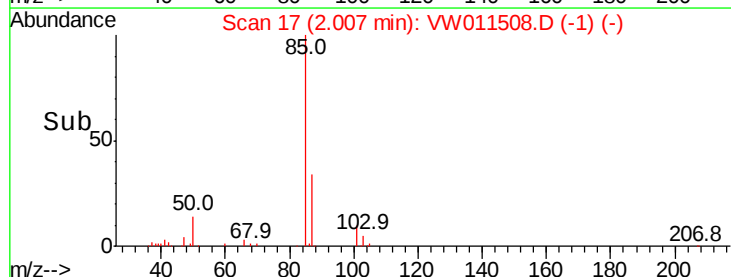
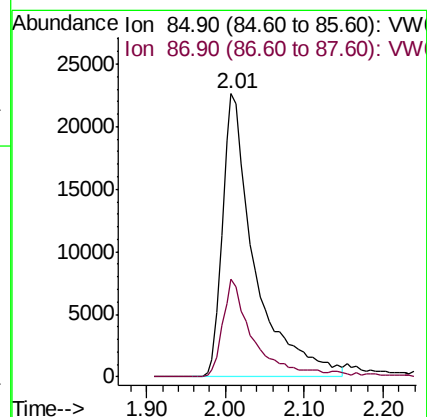
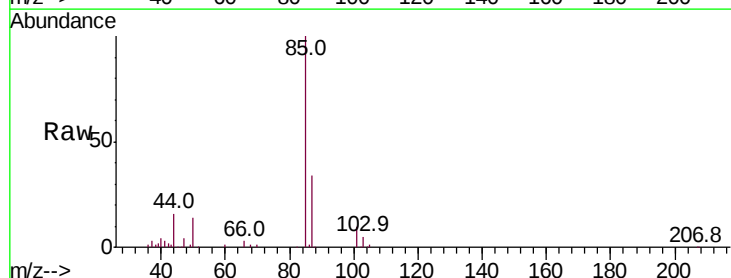
Acq: 26 Jul 2019 10:41

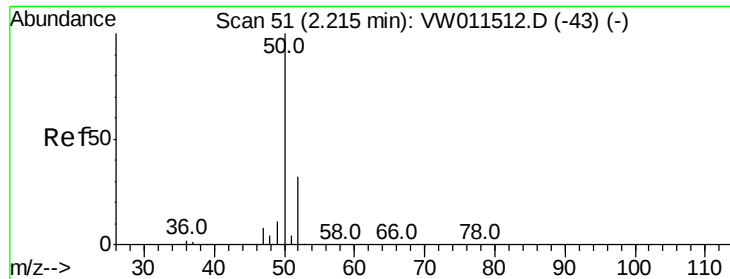
Tgt Ion: 85 Resp: 64414

Ion Ratio Lower Upper

85 100

87 34.5 15.2 45.6





#3

Chloromethane

Concen: 51.365 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011508.D

Acq: 26 Jul 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 112733

Ion Ratio Lower Upper

50 100

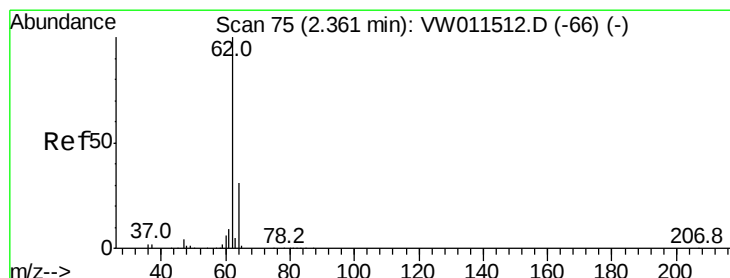
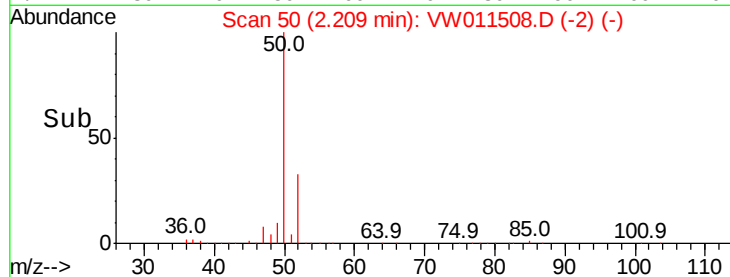
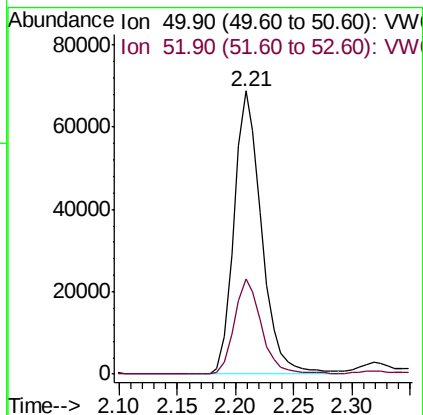
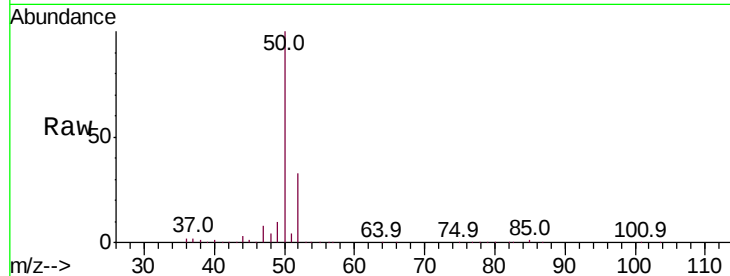
52 33.5 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 56.055 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011508.D

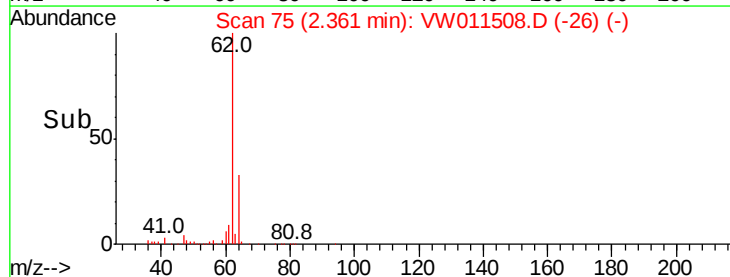
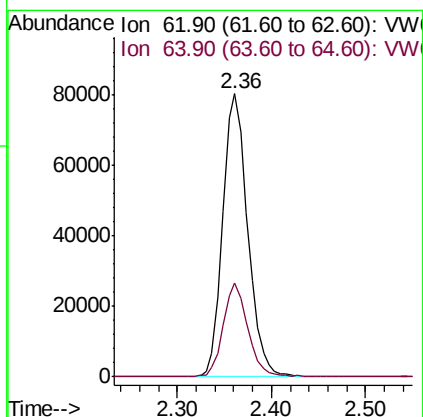
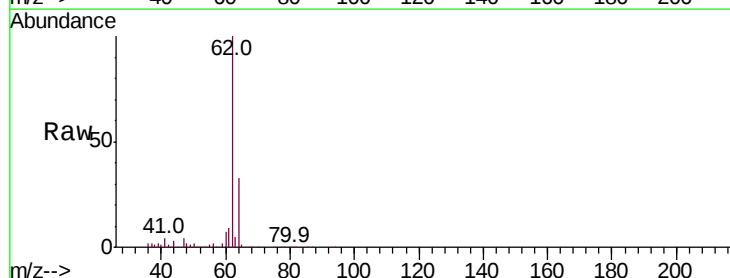
Acq: 26 Jul 2019 10:41

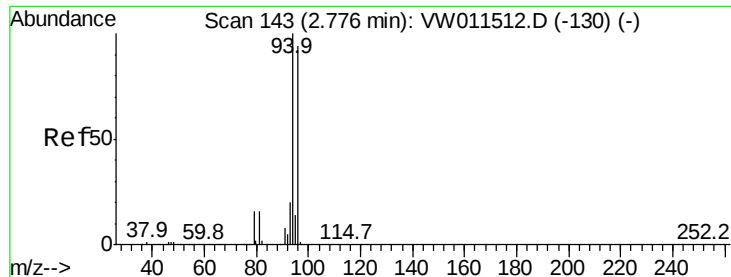
Tgt Ion: 62 Resp: 148113

Ion Ratio Lower Upper

62 100

64 32.9 25.0 37.4





#5

Bromomethane

Concen: 54.609 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW011508.D

Acq: 26 Jul 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 79869

Ion Ratio Lower Upper

94 100

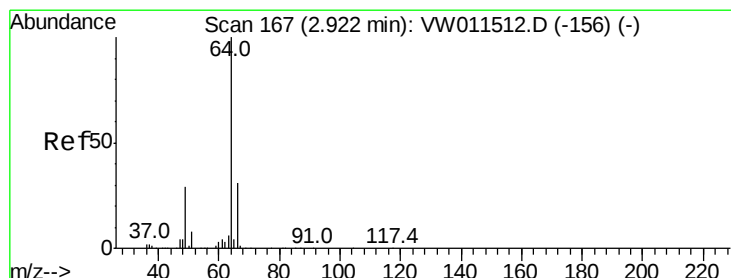
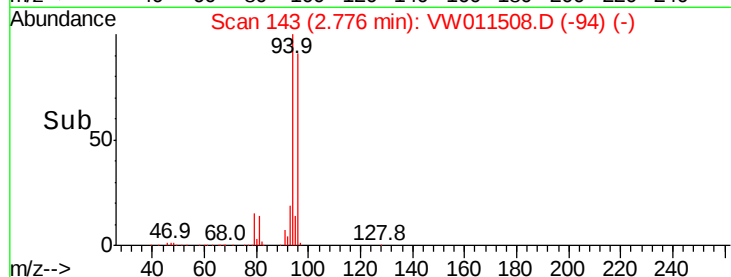
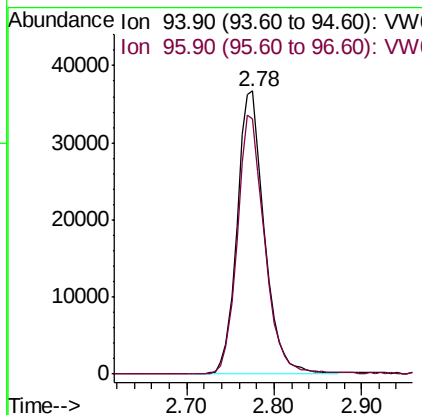
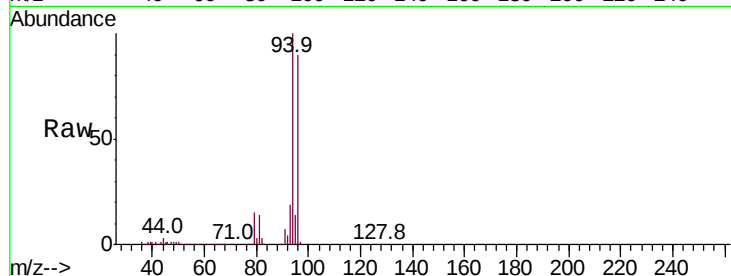
96 90.4 75.0 112.6

Manual Integrations

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#6

Chloroethane

Concen: 55.950 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW011508.D

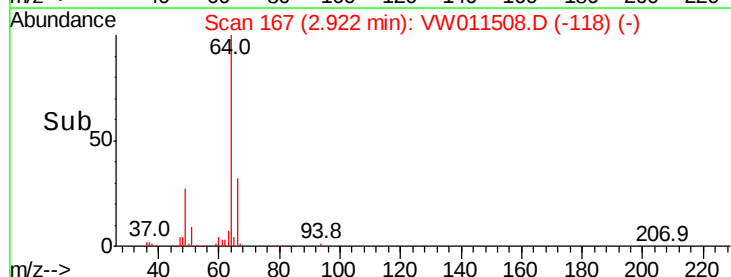
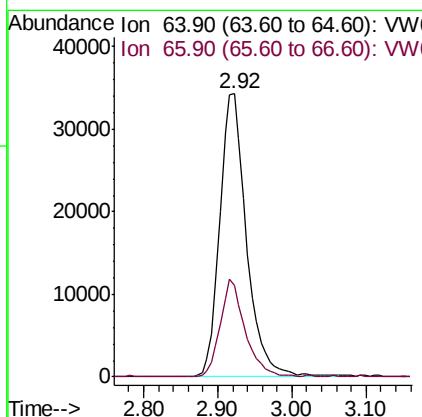
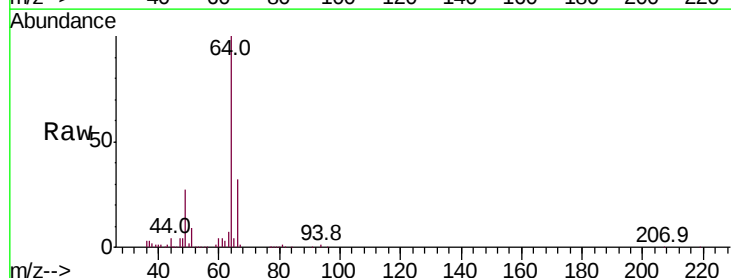
Acq: 26 Jul 2019 10:41

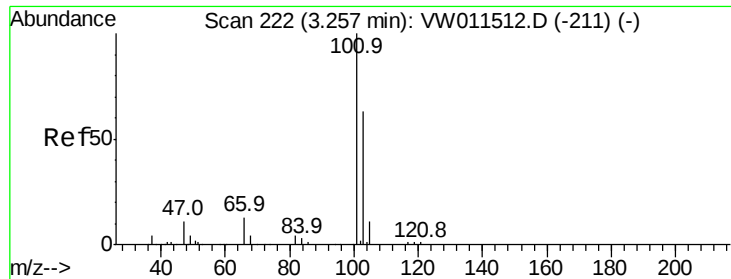
Tgt Ion: 64 Resp: 84447

Ion Ratio Lower Upper

64 100

66 32.3 24.6 36.8





#7

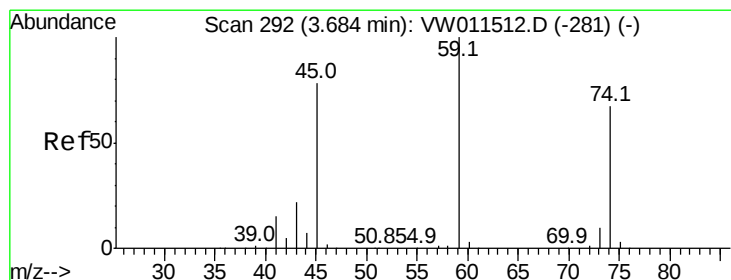
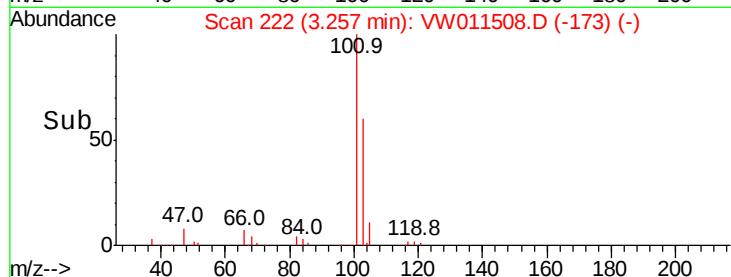
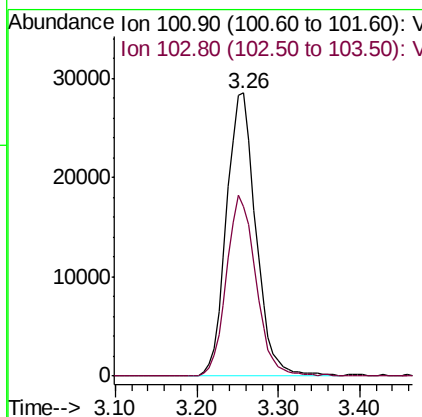
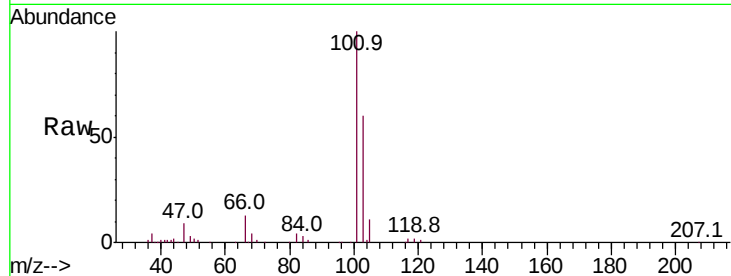
Trichlorofluoromethane
 Concen: 60.151 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

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 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.0	50.2	75.4

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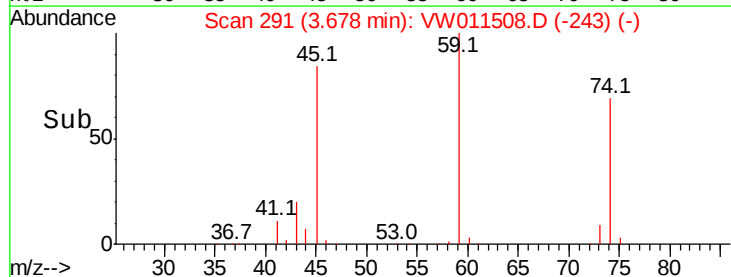
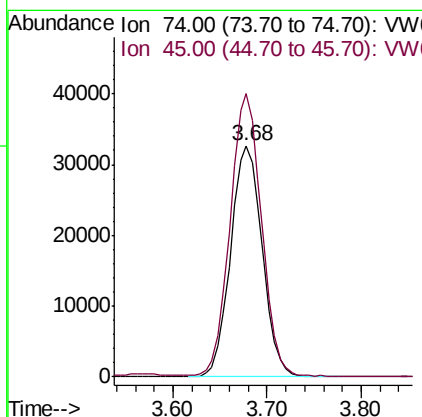
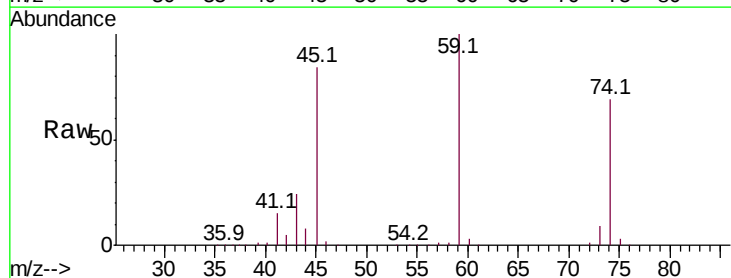
MMDadoda
 7/29/2019 9:17:21 AM

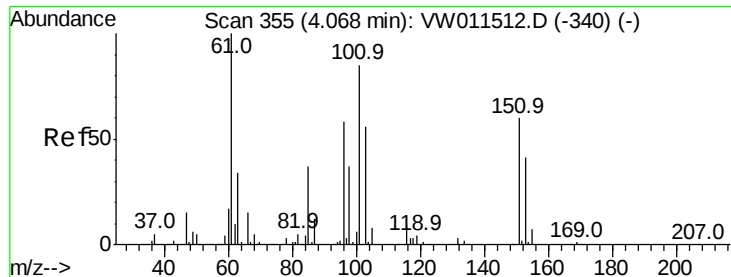


#8

Diethyl Ether
 Concen: 56.817 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	121.6	59.6	178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.829 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW011508.D

Acq: 26 Jul 2019 10:41

Instrument :

MSVOA_W

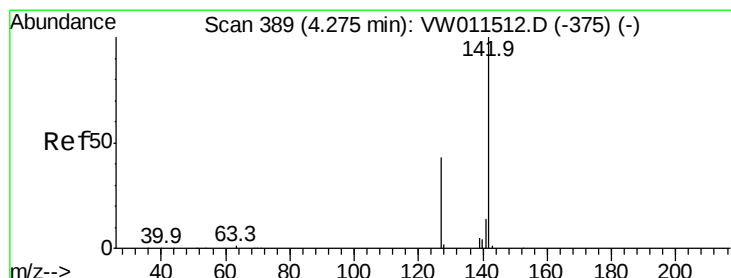
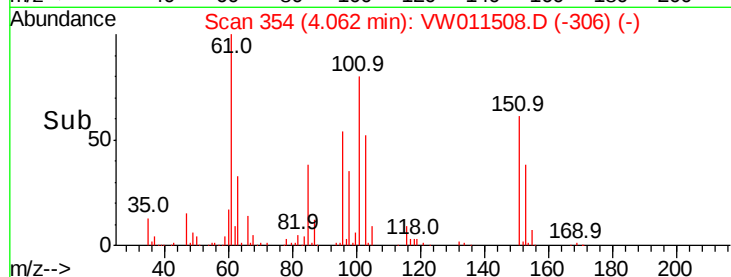
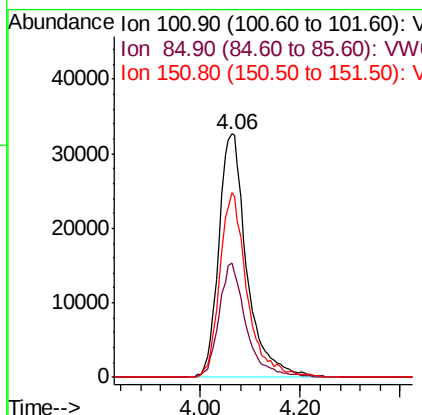
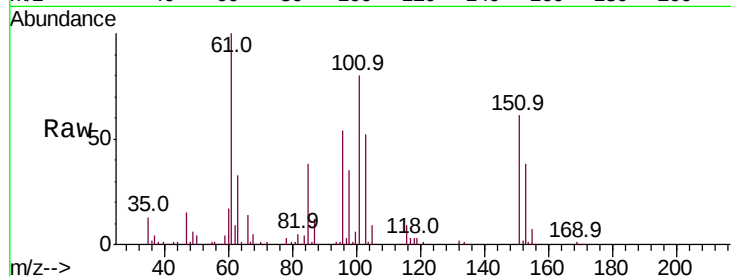
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	127304
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.6	54.8
151	74.2	60.2	90.2

Manual Integrations
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#10

Methyl Iodide

Concen: 57.927 ug/l

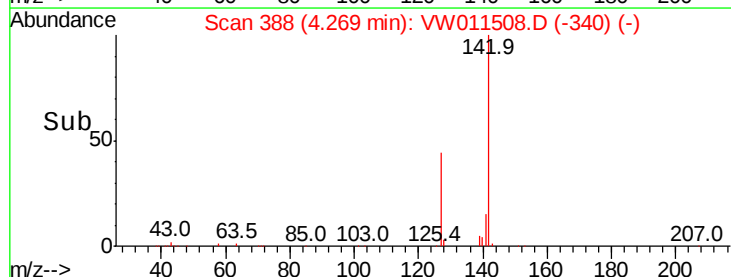
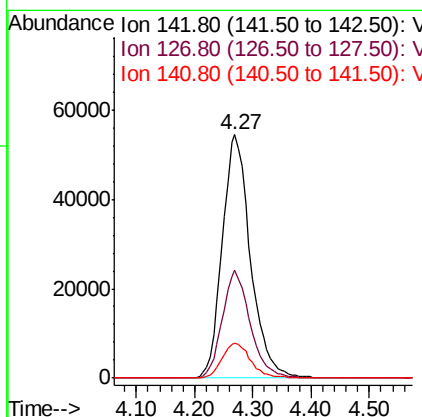
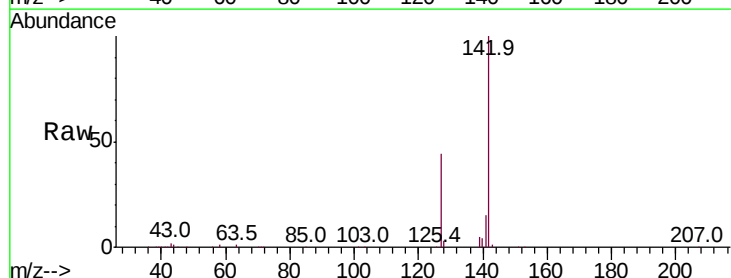
RT: 4.27 min Scan# 388

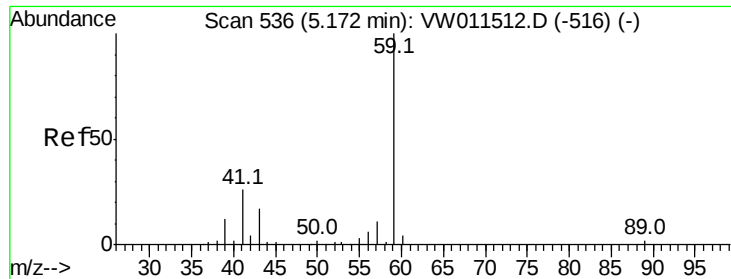
Delta R.T. -0.01 min

Lab File: VW011508.D

Acq: 26 Jul 2019 10:41

Tgt Ion:	142	Resp:	183379
Ion Ratio	Lower	Upper	
142	100		
127	43.9	35.0	52.6
141	14.7	11.9	17.9





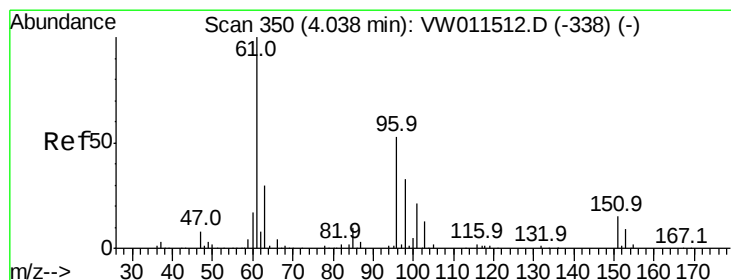
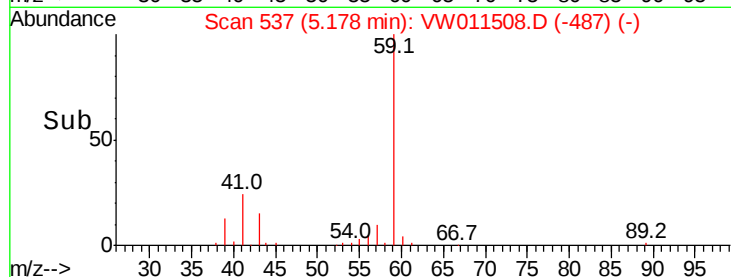
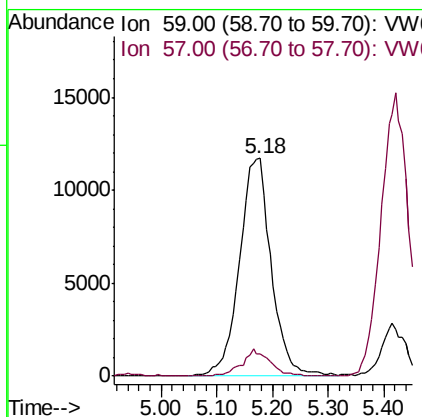
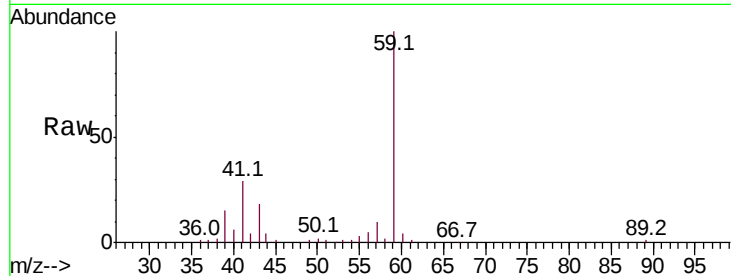
#11
Tert butyl alcohol
Concen: 241.154 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.5	12.7

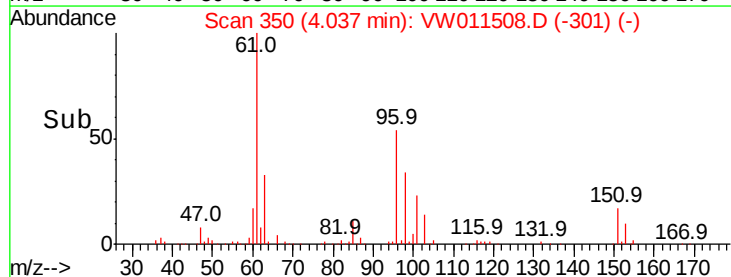
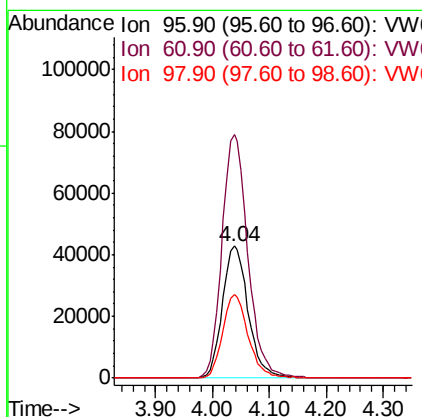
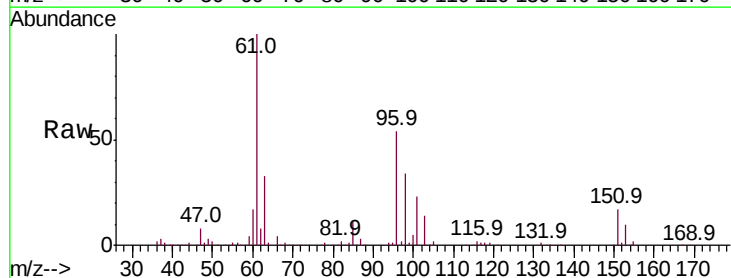
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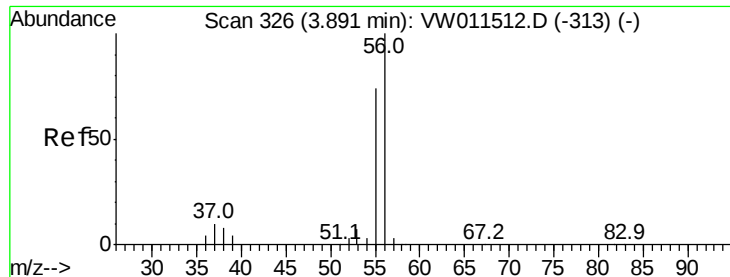
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#12
1,1-Dichloroethene
Concen: 57.153 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	184.5	149.9	224.9
98	63.5	49.1	73.7





#13

Acrolein

Concen: 223.875 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW011508.D

Acq: 26 Jul 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 41891

Ion Ratio Lower Upper

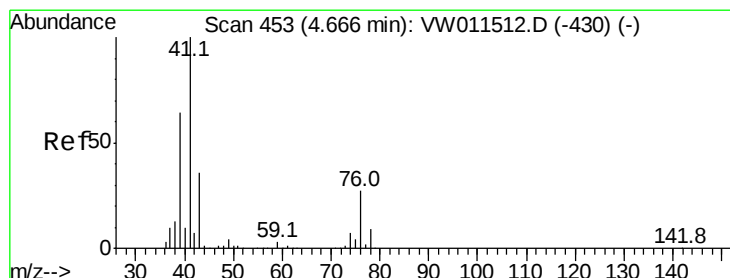
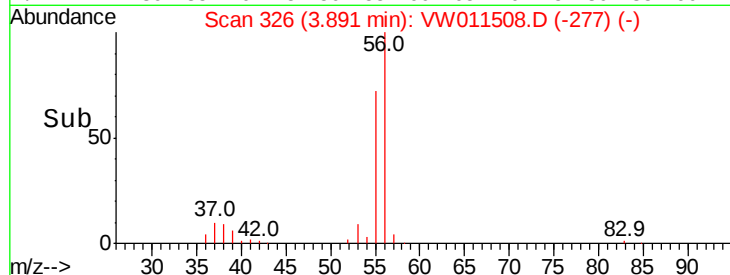
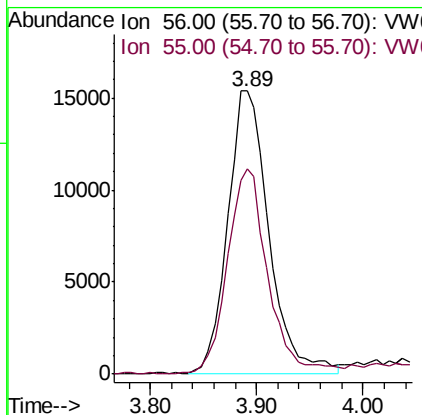
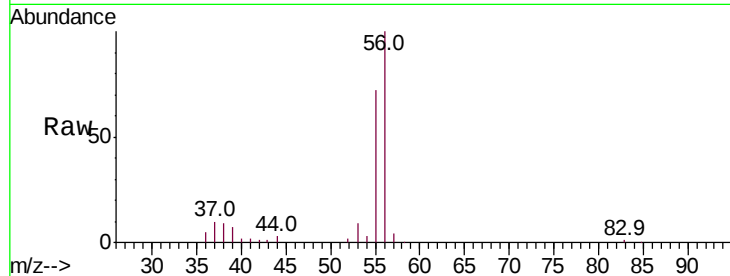
56 100

55 71.3 56.0 84.0

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#14

Allyl chloride

Concen: 59.442 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW011508.D

Acq: 26 Jul 2019 10:41

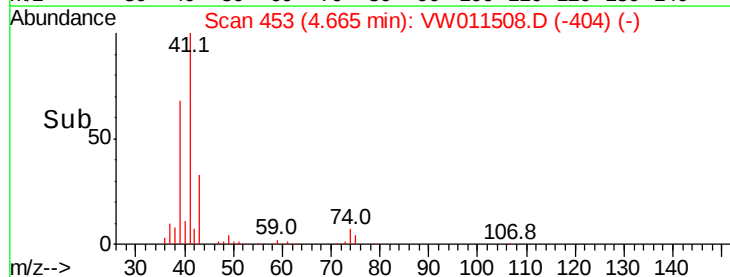
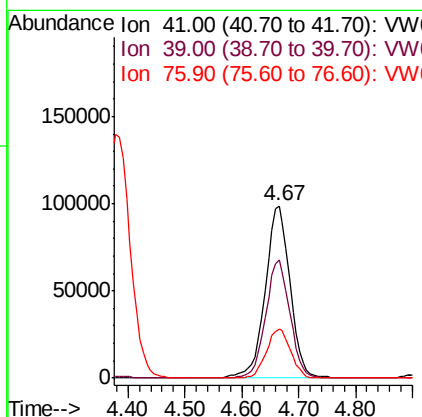
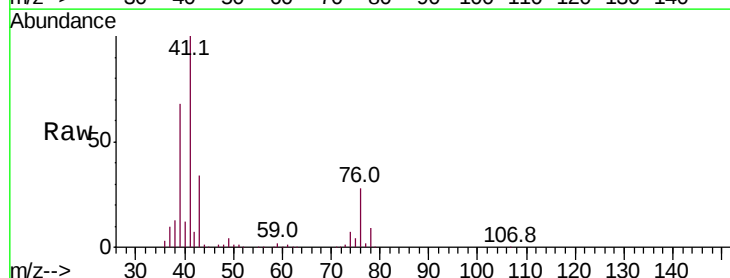
Tgt Ion: 41 Resp: 299029

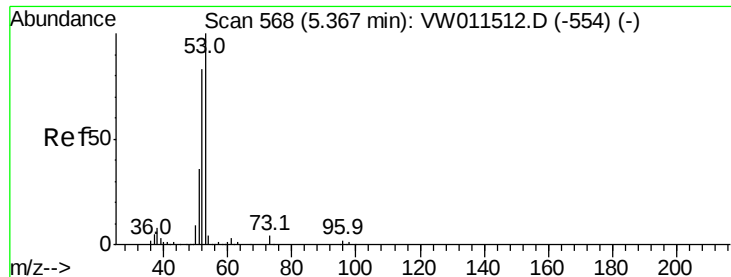
Ion Ratio Lower Upper

41 100

39 66.5 52.6 78.8

76 27.7 22.0 33.0





#15

Acrylonitrile

Concen: 279.872 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW011508.D

Acq: 26 Jul 2019 10:41

Instrument :

MSVOA_W

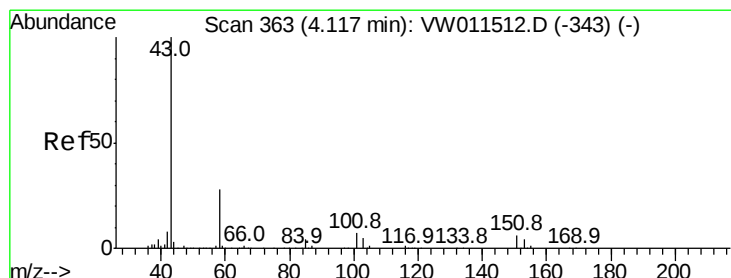
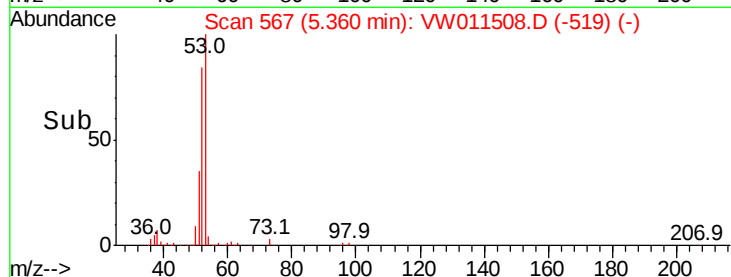
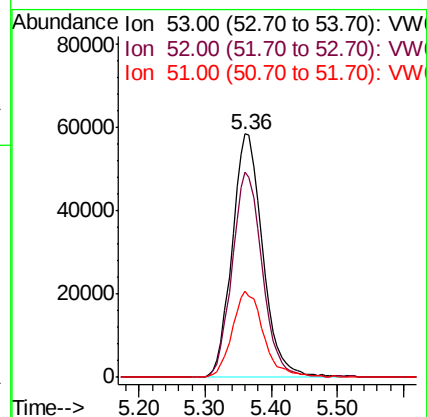
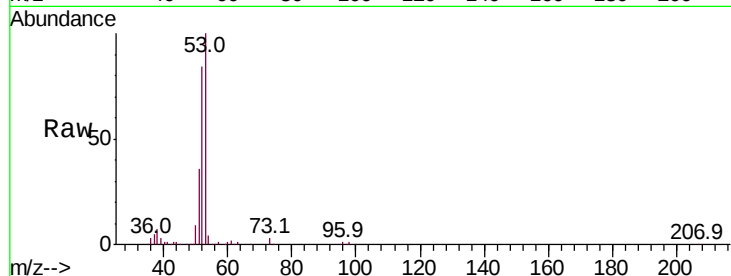
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	187057
Ion Ratio	Lower	Upper	
53	100		
52	83.3	67.2	100.8
51	36.6	30.0	45.0

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#16

Acetone

Concen: 284.604 ug/l

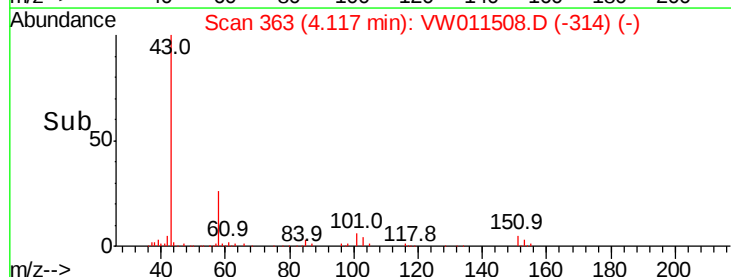
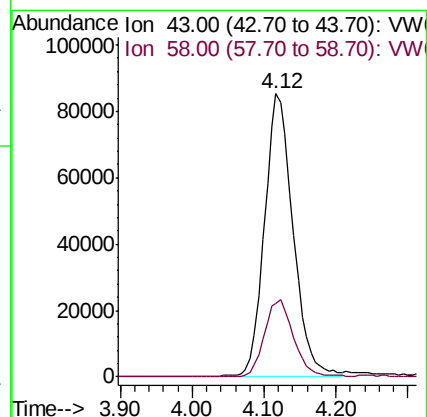
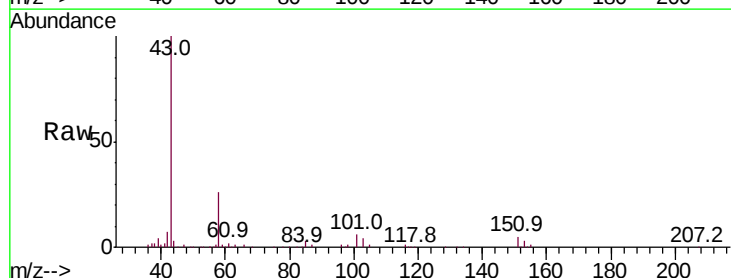
RT: 4.12 min Scan# 363

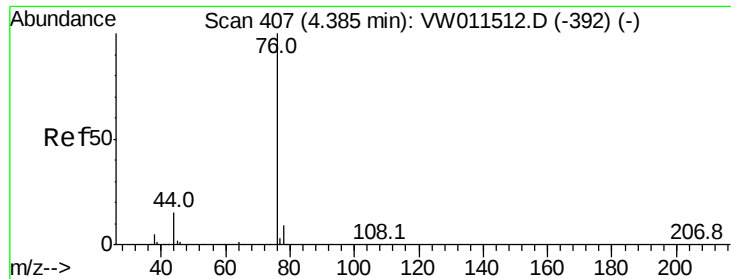
Delta R.T. -0.00 min

Lab File: VW011508.D

Acq: 26 Jul 2019 10:41

Tgt Ion:	43	Resp:	236090
Ion Ratio	Lower	Upper	
43	100		
58	25.9	22.3	33.5





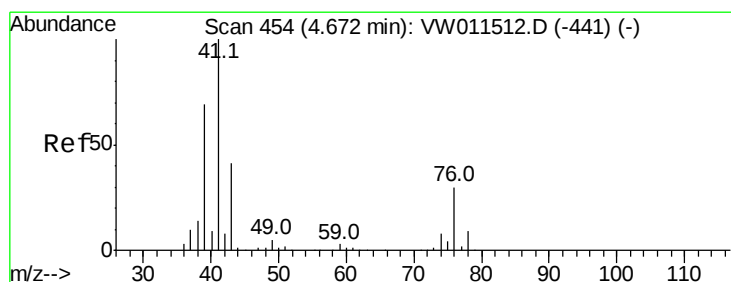
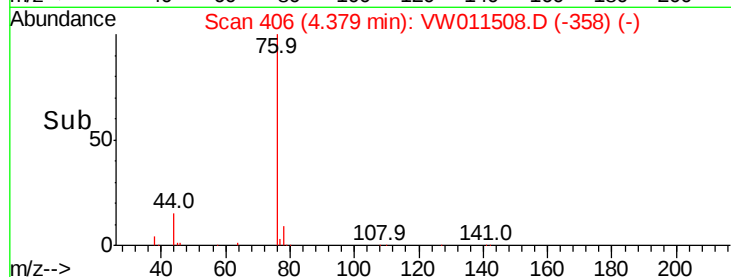
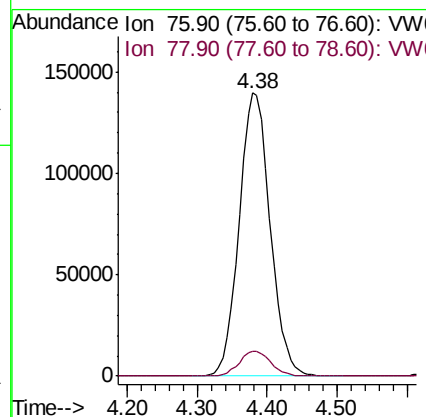
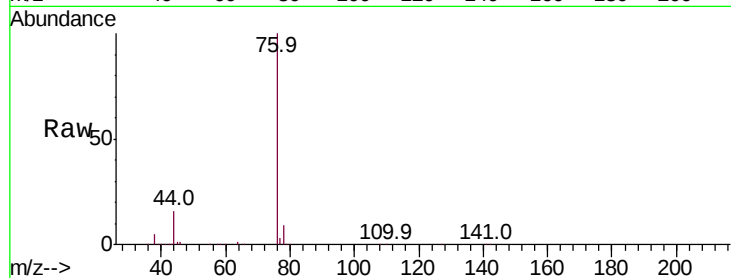
#17
Carbon Disulfide
Concen: 57.869 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

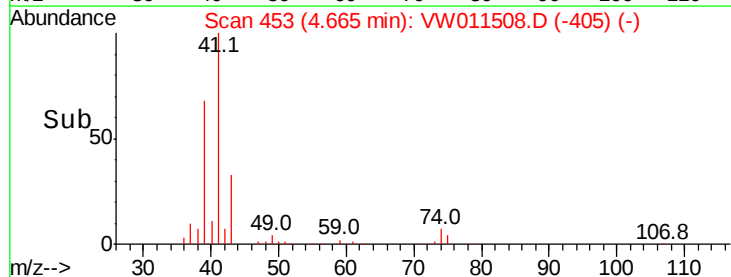
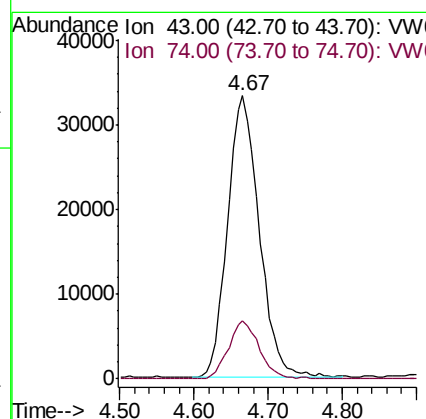
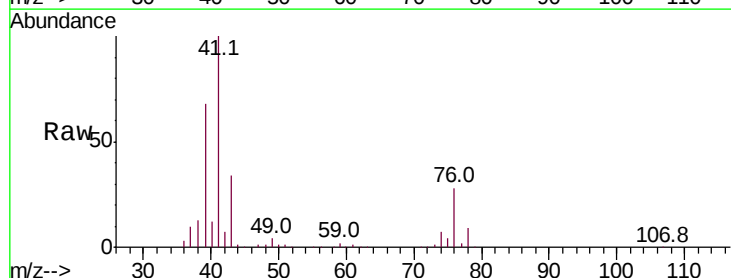
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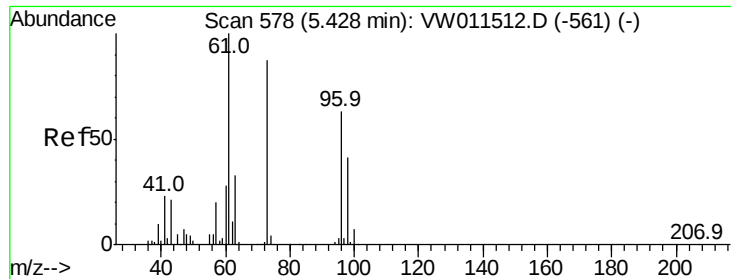
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#18
Methyl Acetate
Concen: 52.859 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.2	15.9	23.9





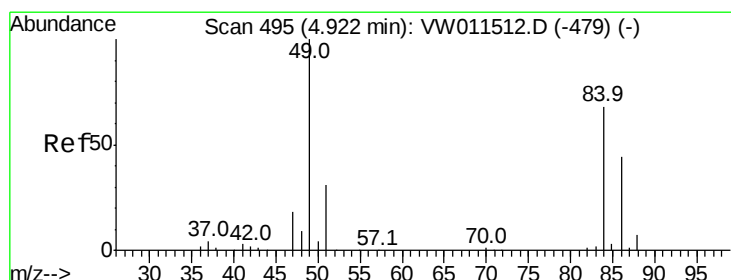
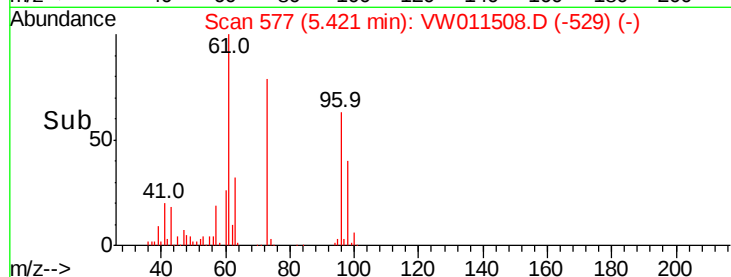
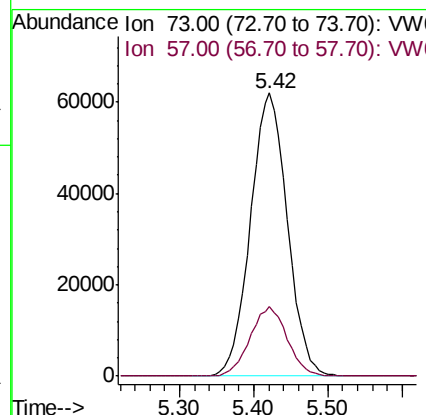
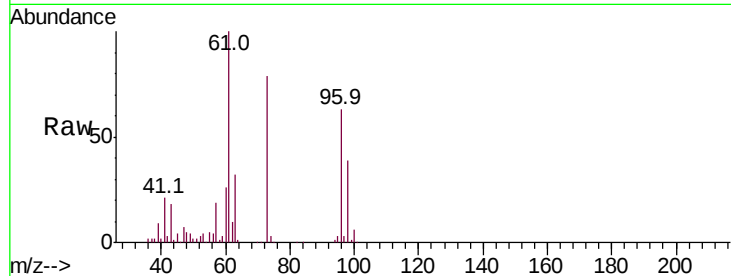
#19
Methvl tert-butvl Ether
Concen: 57.298 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.6	18.4	27.6

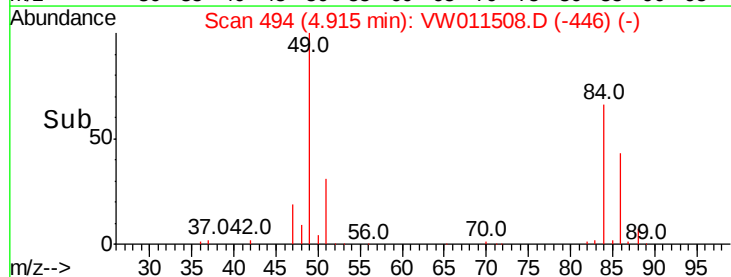
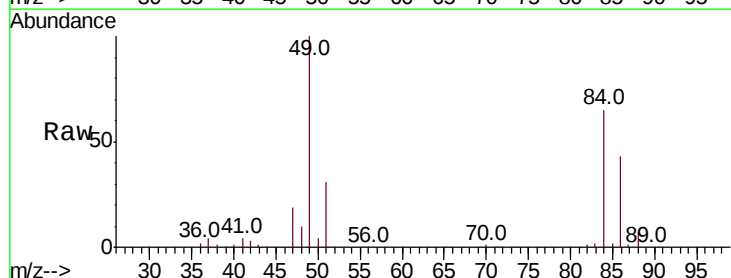
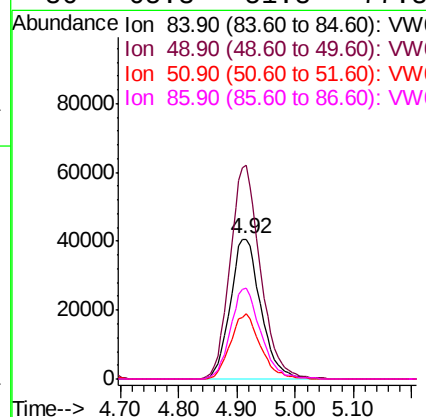
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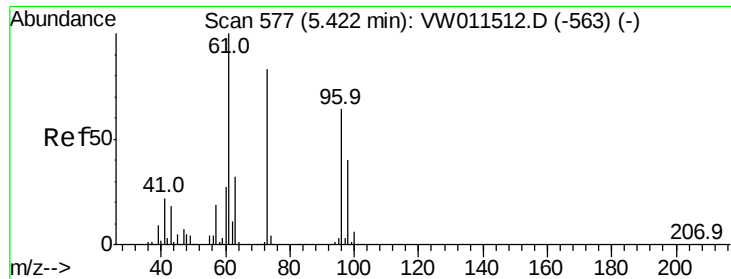
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#20
Methylene Chloride
Concen: 51.817 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	152.8	117.8	176.6
51	46.9	37.0	55.4
86	65.3	51.8	77.8





#21

trans-1,2-Dichloroethene

Concen: 57.562 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW011508.D

Acq: 26 Jul 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 146782

Ion Ratio Lower Upper

96 100

61 158.7 125.7 188.5

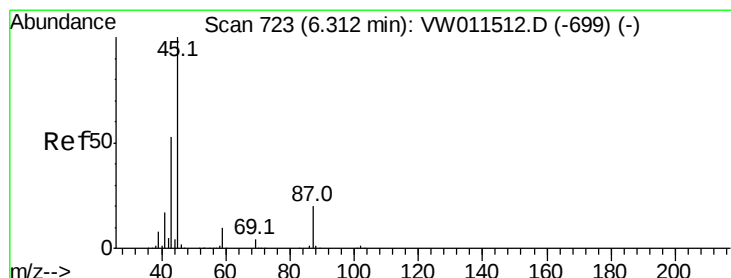
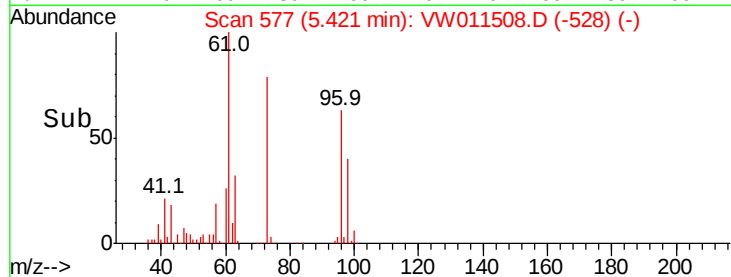
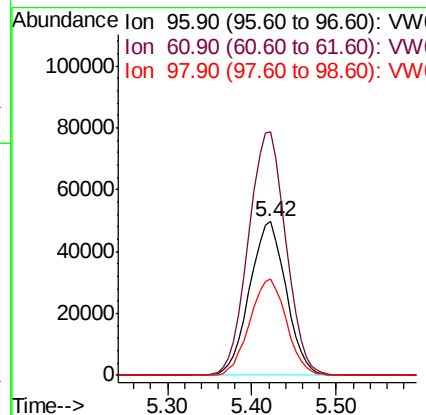
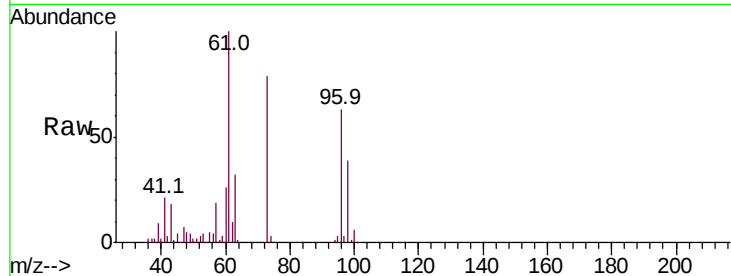
98 62.7 50.3 75.5

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#22

Diisopropyl ether

Concen: 57.009 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW011508.D

Acq: 26 Jul 2019 10:41

Tgt Ion: 45 Resp: 540704

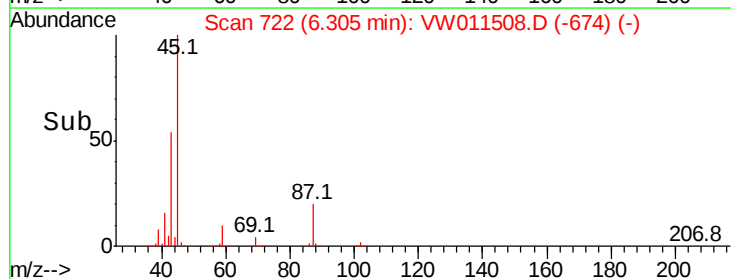
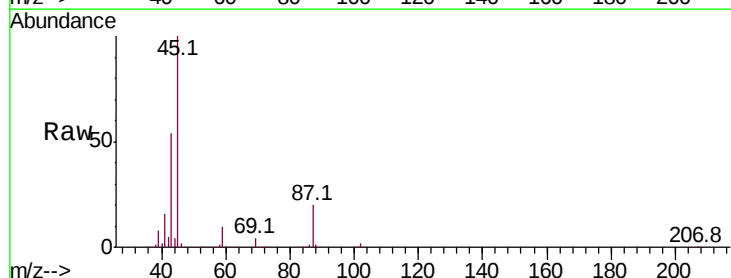
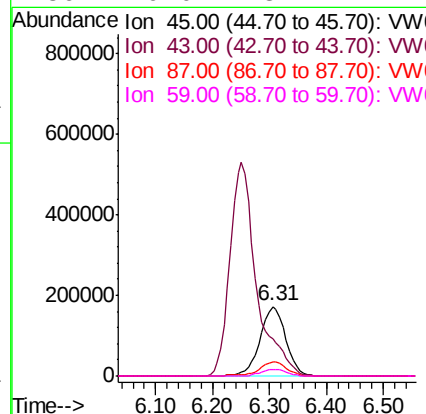
Ion Ratio Lower Upper

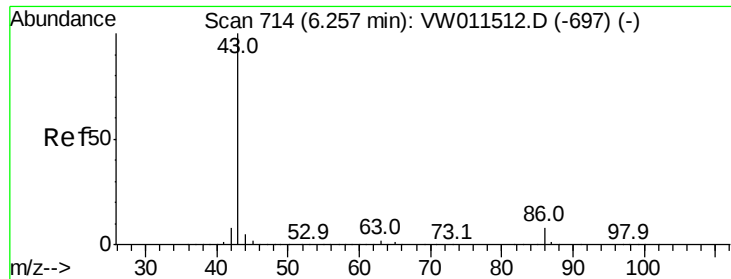
45 100

43 53.9 42.6 63.8

87 20.4 16.4 24.6

59 10.0 8.2 12.2





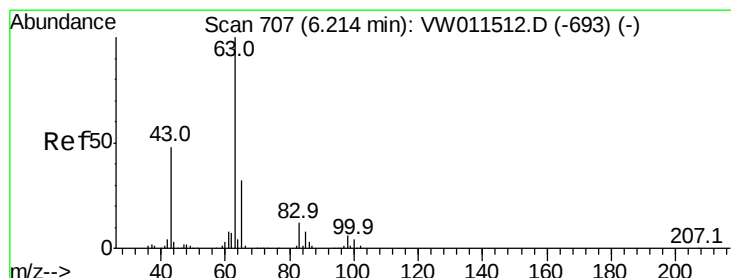
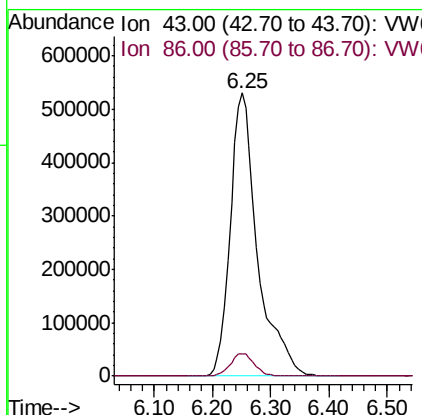
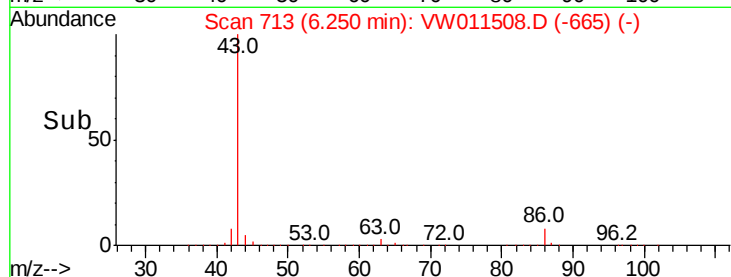
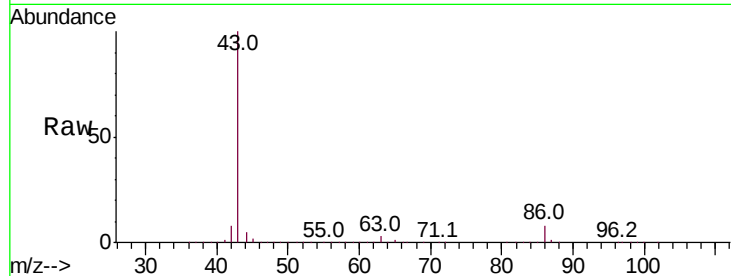
#23
 Vinyl Acetate
 Concen: 289.883 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1727592
 Ion Ratio Lower Upper
 43 100
 86 8.1 6.5 9.7

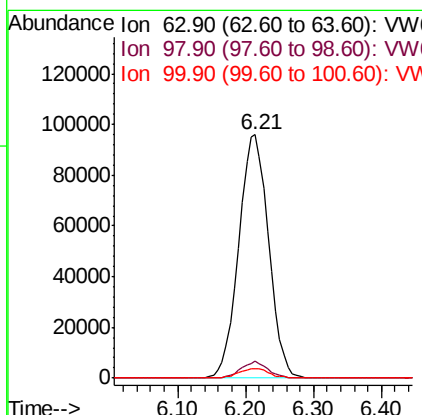
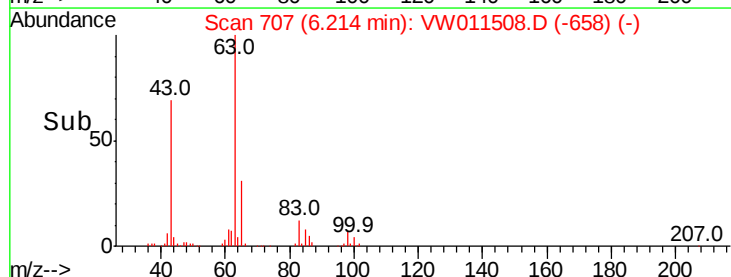
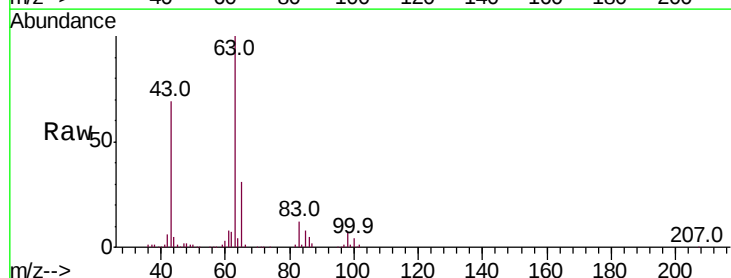
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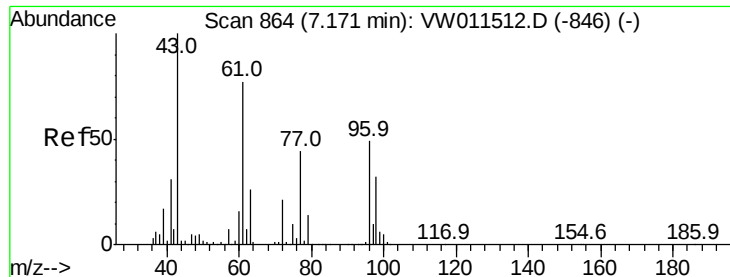
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#24
 1,1-Dichloroethane
 Concen: 57.606 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

Tgt Ion: 63 Resp: 292613
 Ion Ratio Lower Upper
 63 100
 98 6.9 2.9 8.8
 100 4.0 2.1 6.3





#25

2-Butanone

Concen: 280.239 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW011508.D

Acq: 26 Jul 2019 10:41

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 304192

Ion Ratio Lower Upper

43 100

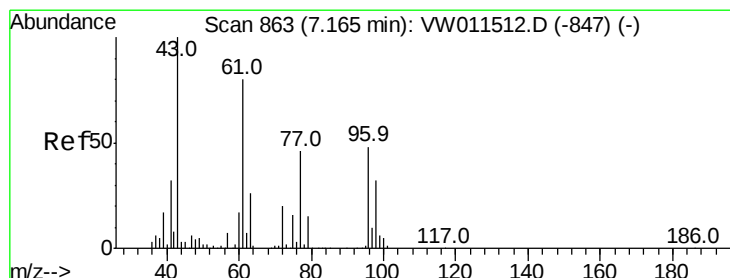
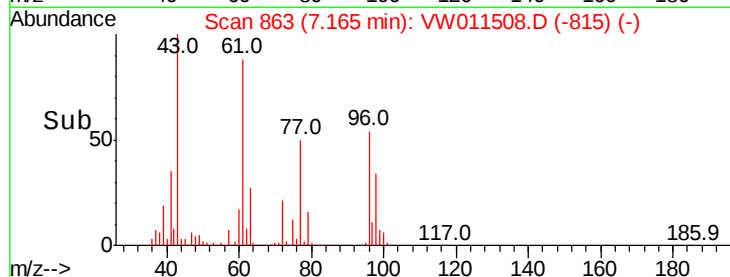
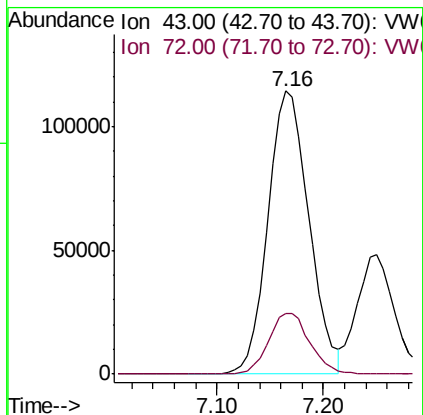
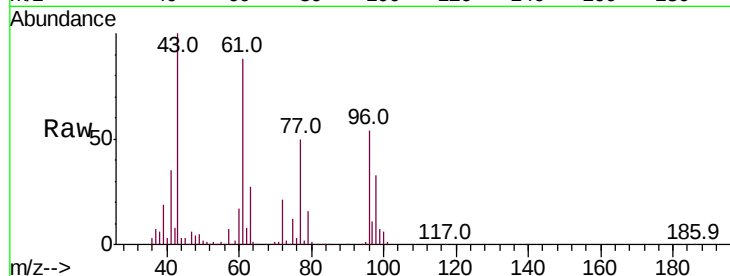
72 21.4 16.6 24.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 54.043 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011508.D

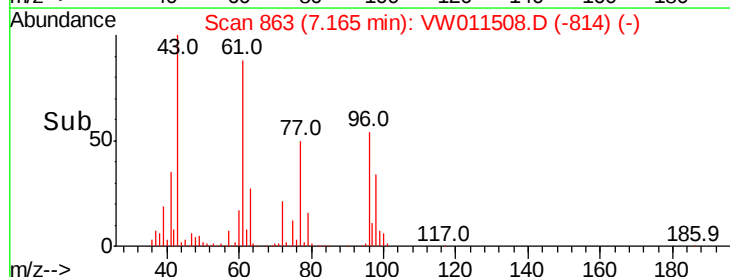
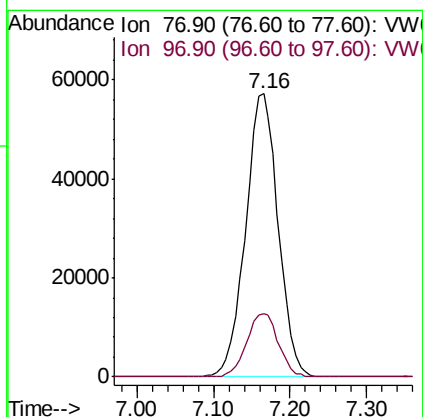
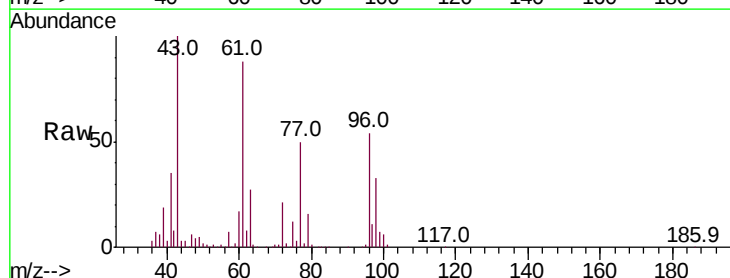
Acq: 26 Jul 2019 10:41

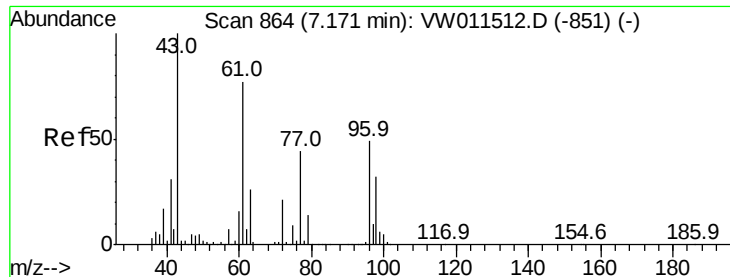
Tgt Ion: 77 Resp: 168825

Ion Ratio Lower Upper

77 100

97 22.0 10.8 32.4





#27

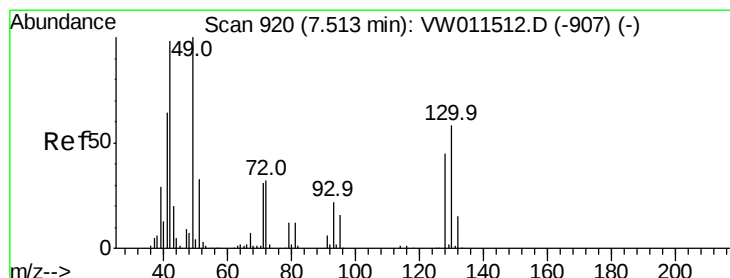
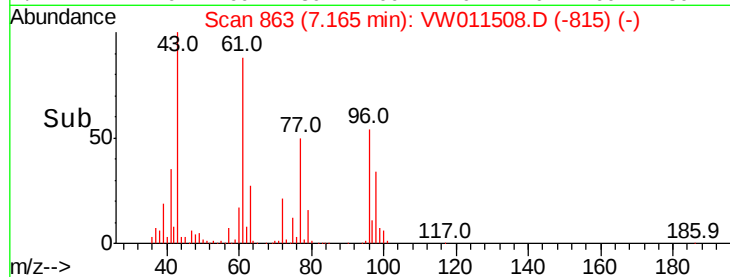
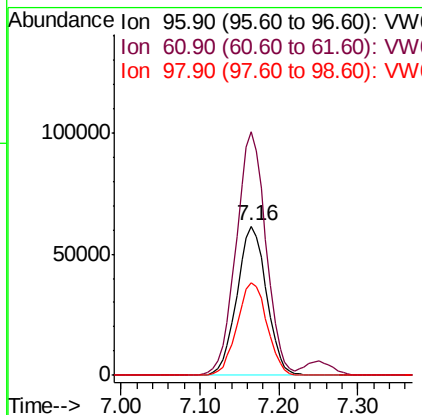
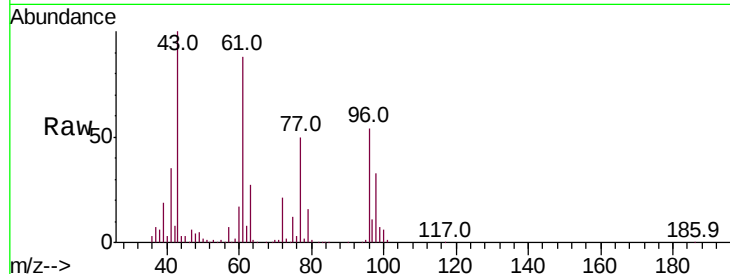
cis-1,2-Dichloroethene
Concen: 57.267 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	160716		
61	164.0	0.0	328.4	
98	63.1	0.0	128.8	

Manual Integrations
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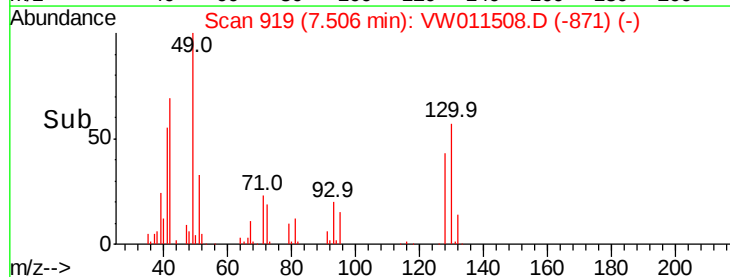
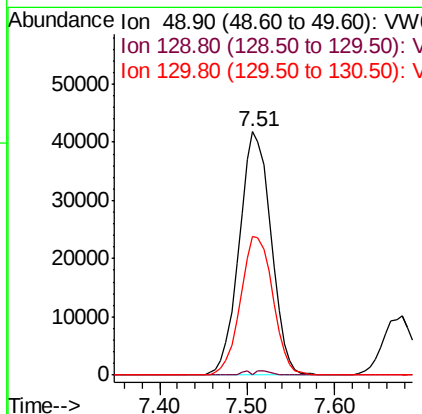
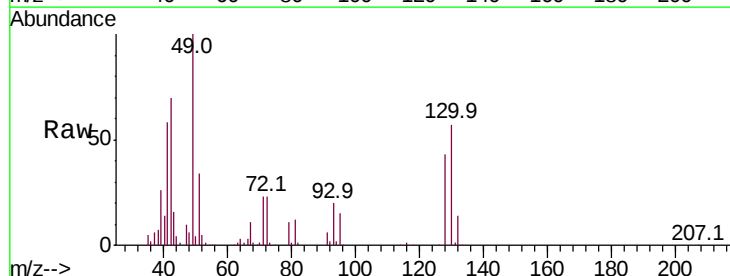
MMDadoda
7/29/2019 9:17:21 AM

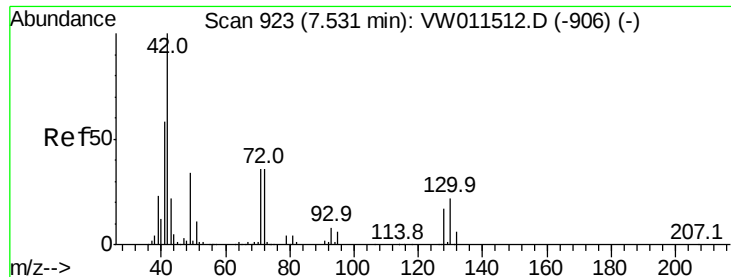


#28

Bromochloromethane
Concen: 47.041 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	106061		
129	1.0	0.0	1.0	
130	57.9	46.3	69.5	





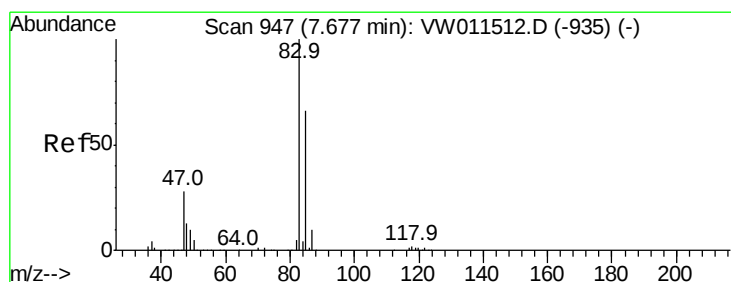
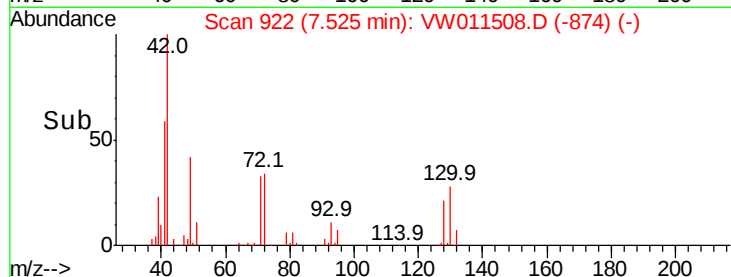
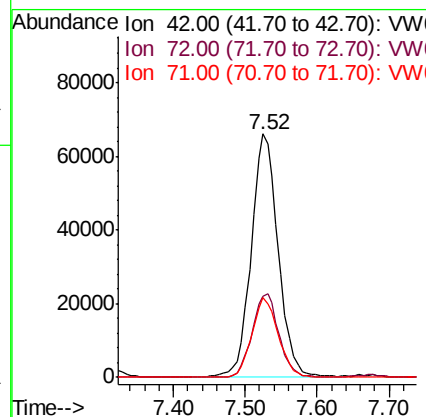
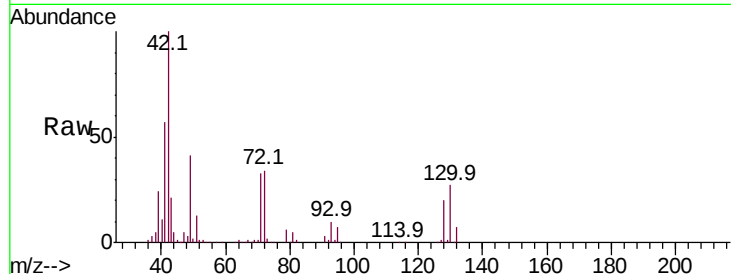
#29
Tetrahydrofuran
Concen: 275.159 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.2	27.1	40.7
71	32.1	26.2	39.4

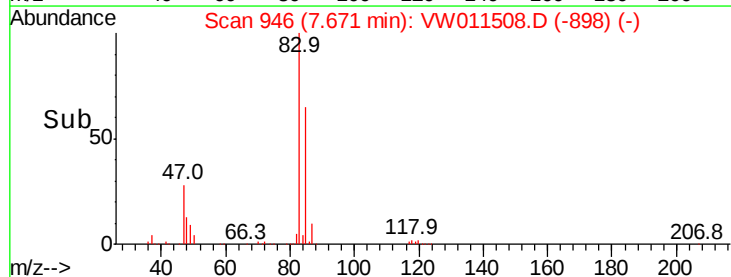
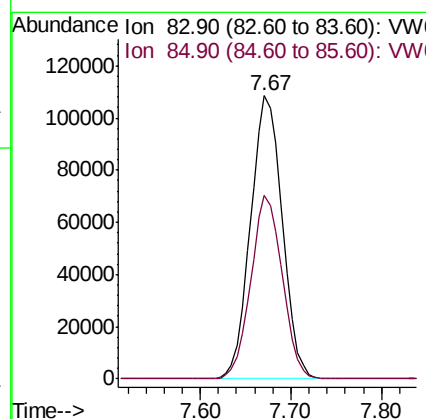
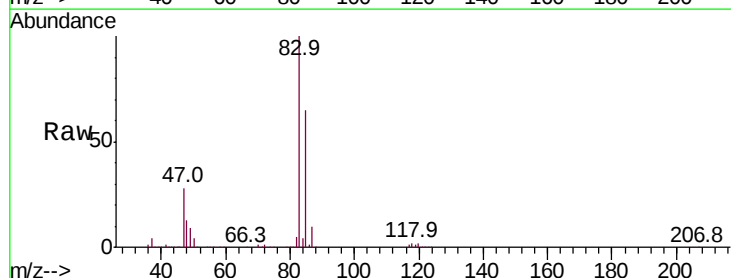
Manual Integrations
APPROVED

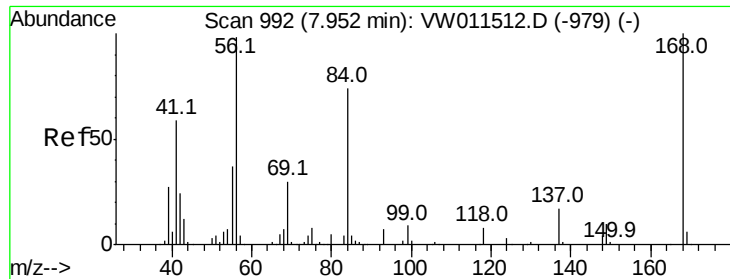
MMDadoda
7/29/2019 9:17:21 AM



#30
Chloroform
Concen: 56.105 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.5	78.7





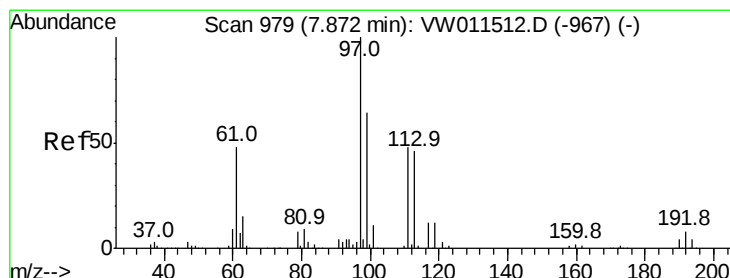
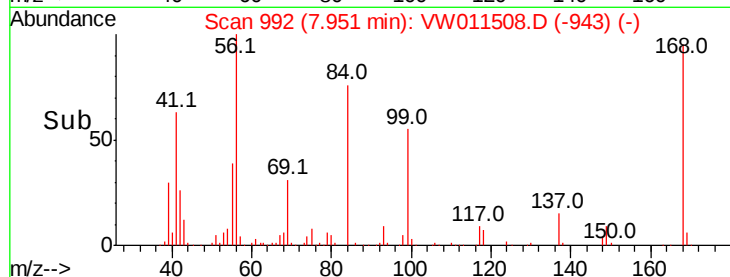
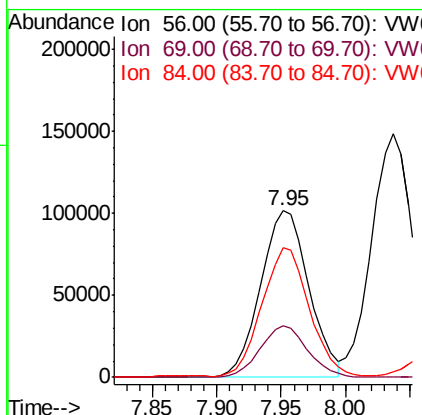
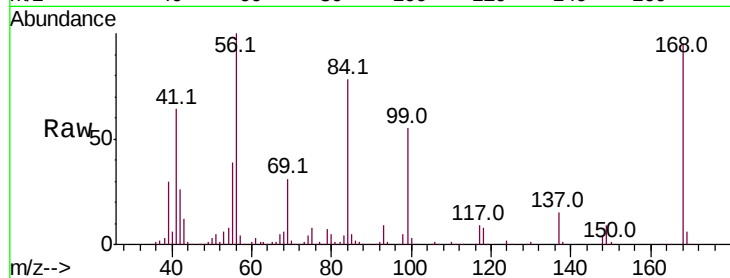
#31
Cyclohexane
Concen: 54.075 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.3	36.5
84	76.4	60.4	90.6

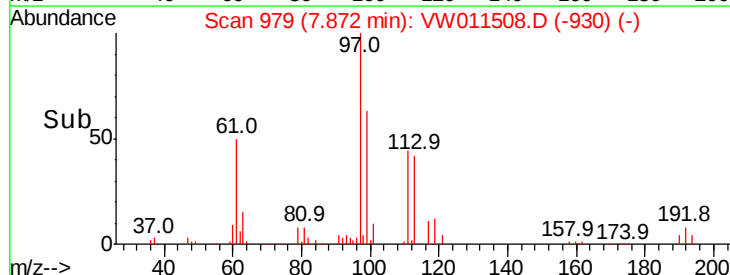
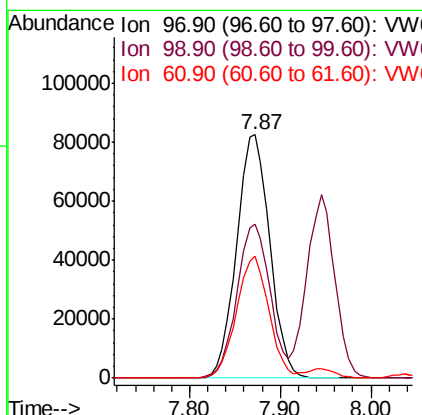
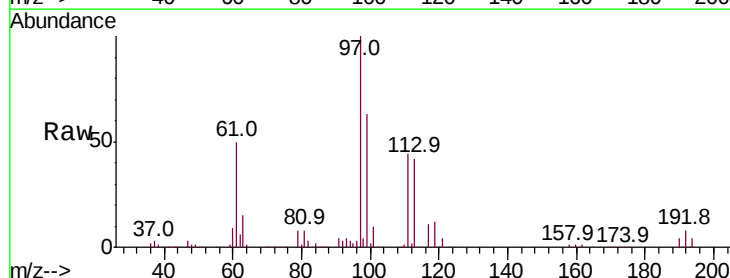
Manual Integrations
APPROVED

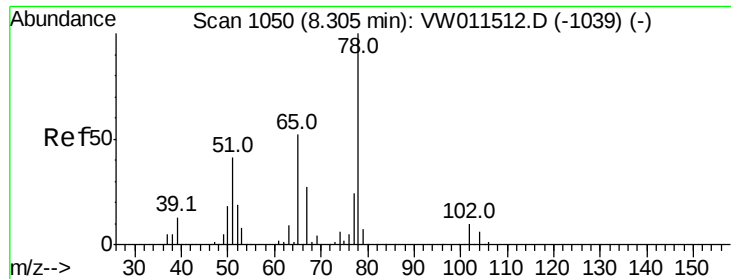
MMDadoda
7/29/2019 9:17:21 AM



#32
1,1,1-Trichloroethane
Concen: 58.627 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.0	76.6
61	49.1	39.8	59.6





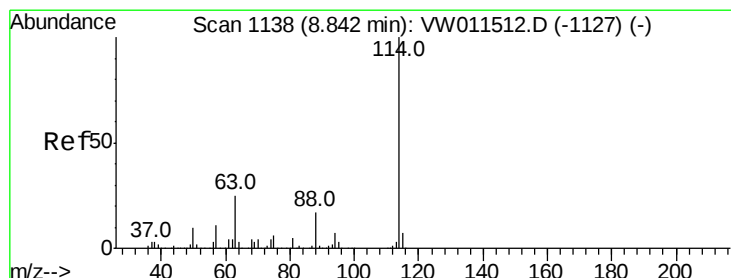
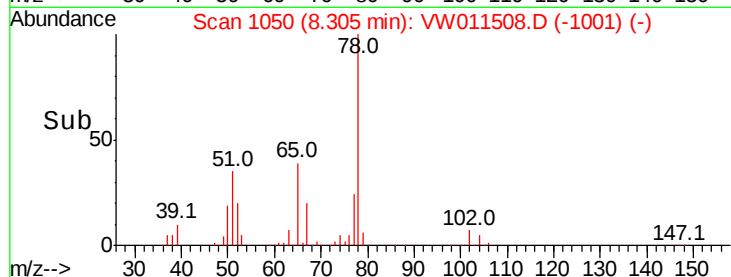
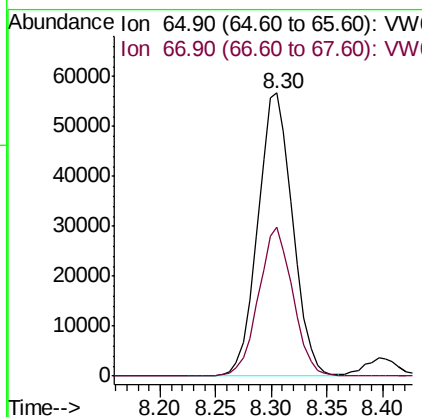
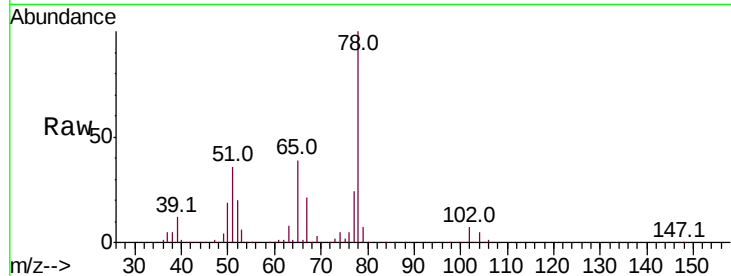
#33
 1,2-Dichloroethane-d4
 Concen: 47.294 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	123333		
67	52.1	0.0	105.2	

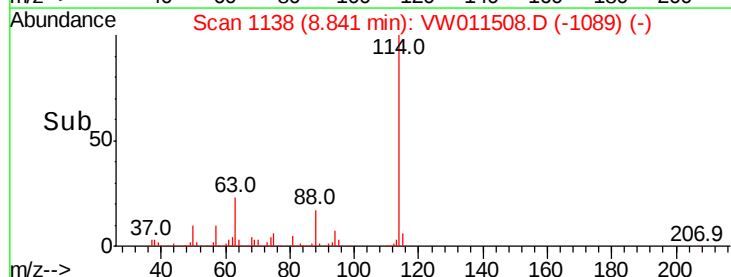
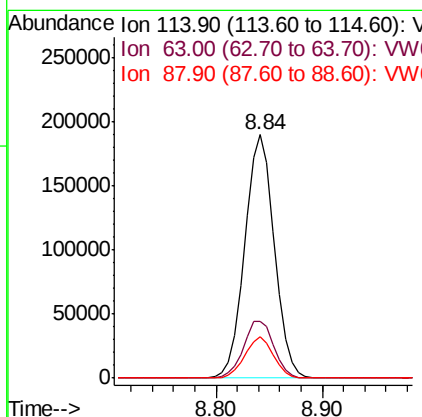
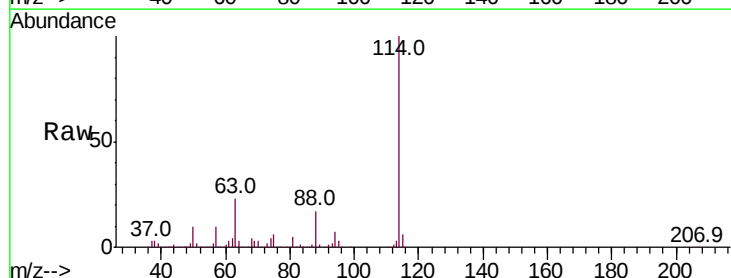
Manual Integrations
 APPROVED

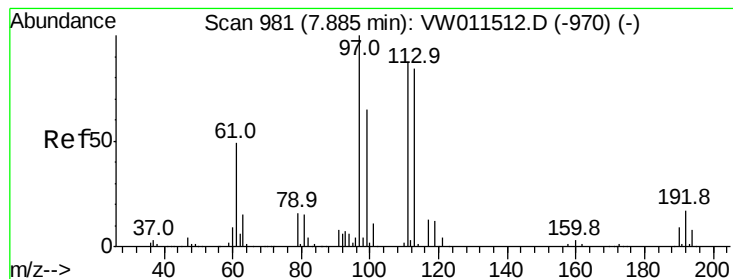
MMDadoda
 7/29/2019 9:17:21 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	369915		
63	23.4	0.0	49.2	
88	16.8	0.0	33.8	





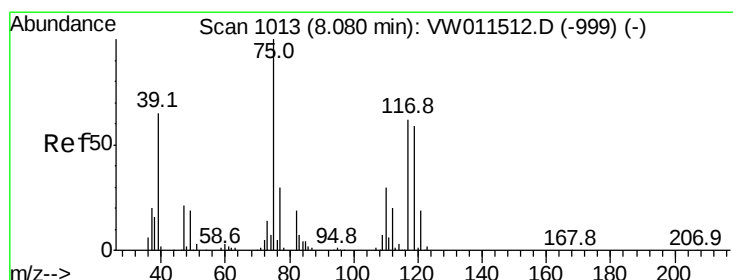
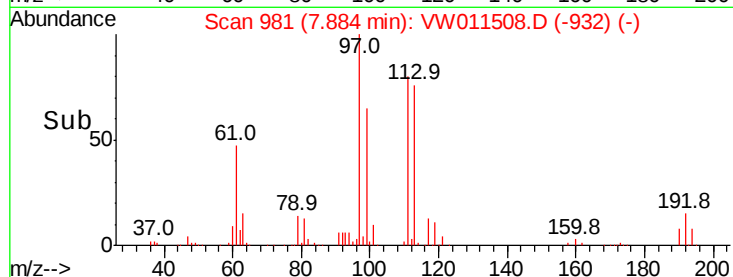
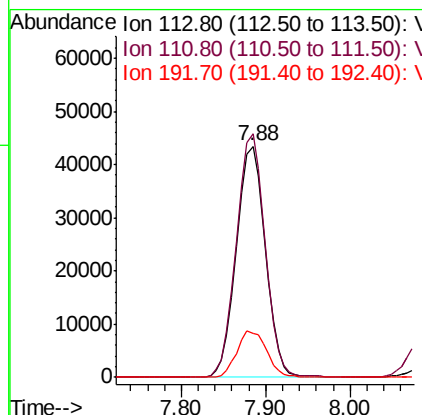
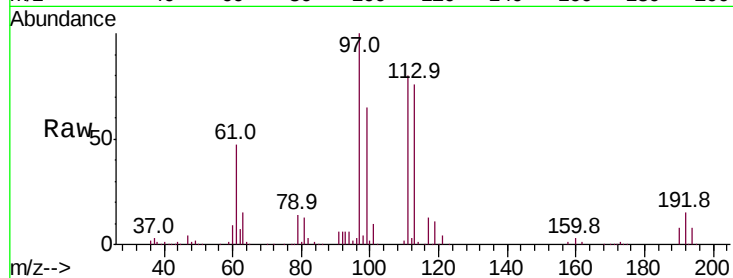
#35
 Dibromofluoromethane
 Concen: 48.791 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	101256		
111	103.9	82.7	124.1	
192	20.4	16.1	24.1	

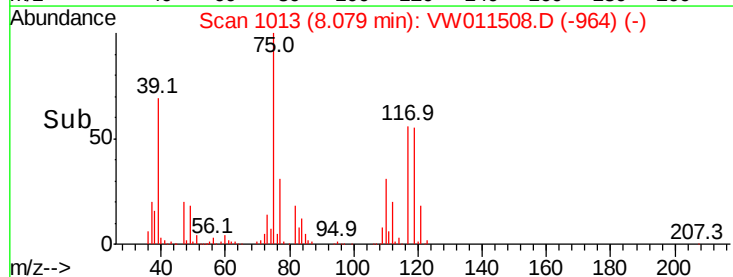
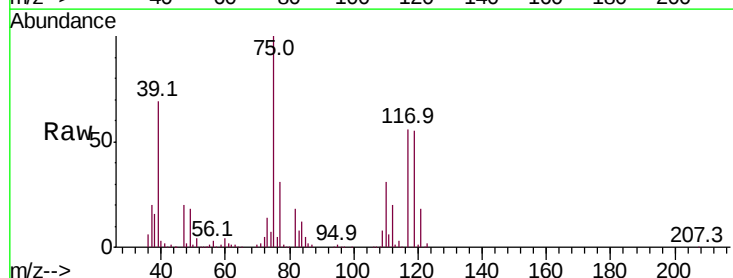
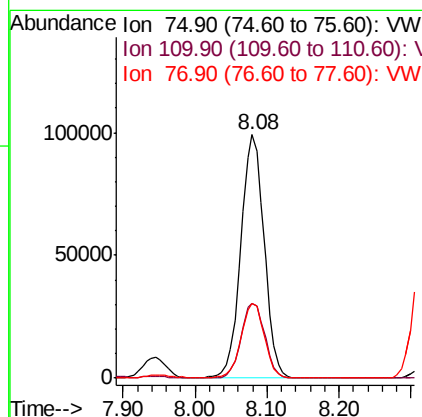
Manual Integrations
 APPROVED

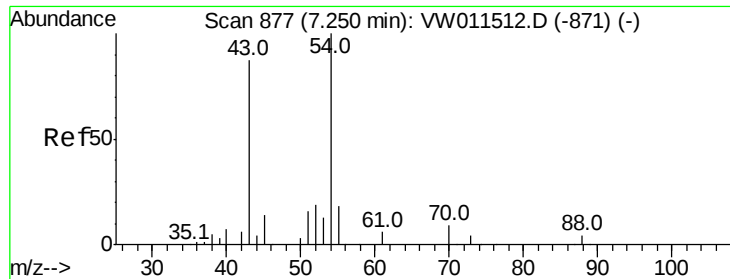
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 7/29/2019 9:17:21 AM



#36
 1,1-Dichloropropene
 Concen: 57.703 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	221952		
110	31.3	15.6	46.8	
77	31.0	24.3	36.5	





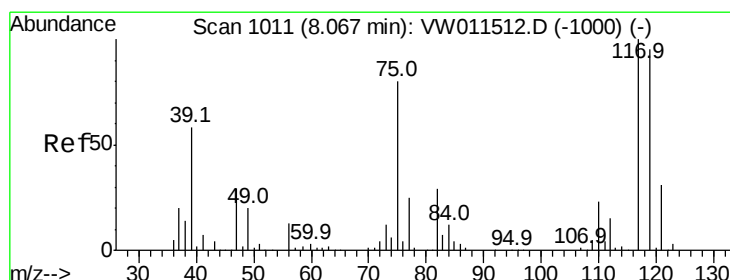
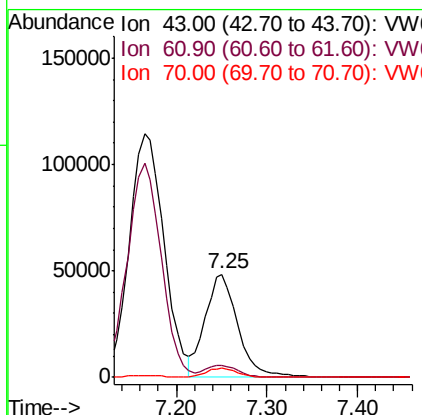
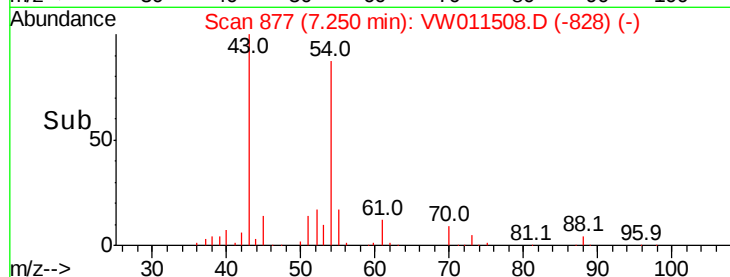
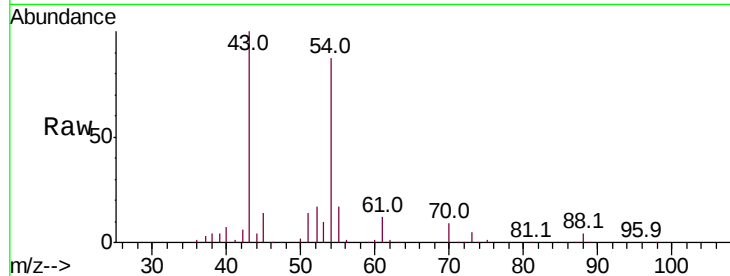
#37
Ethyl Acetate
Concen: 54.795 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.9	8.8	13.2
70	9.0	7.1	10.7

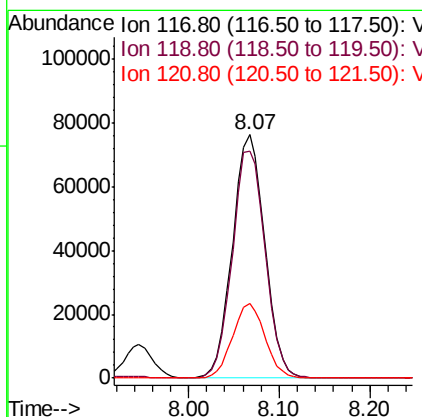
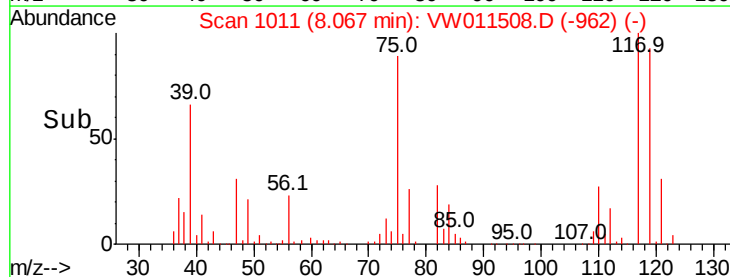
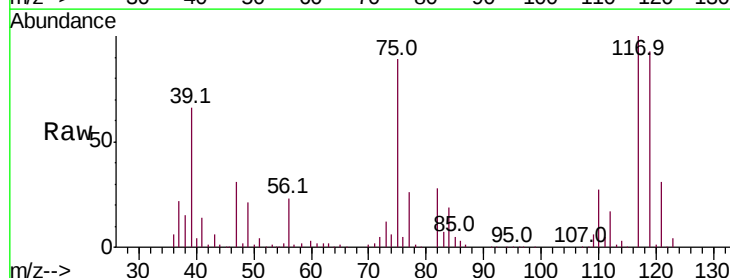
Manual Integrations
APPROVED

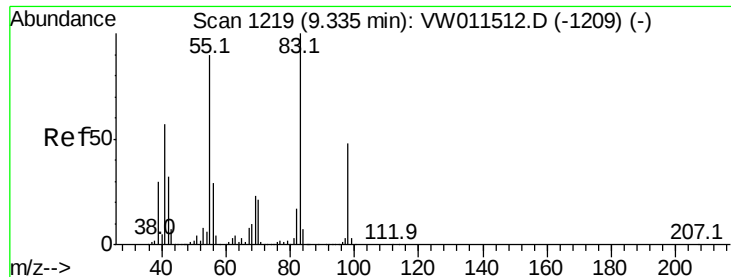
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7/29/2019 9:17:21 AM



#38
Carbon Tetrachloride
Concen: 57.336 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	75.8	113.6
121	30.8	24.7	37.1





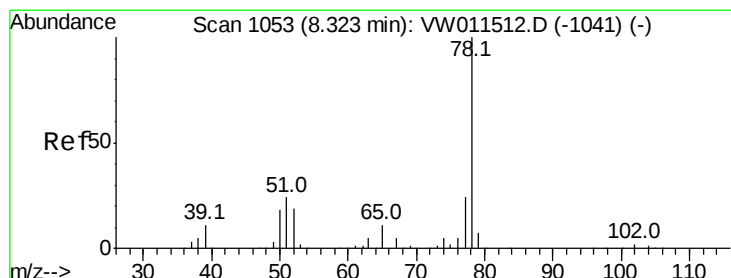
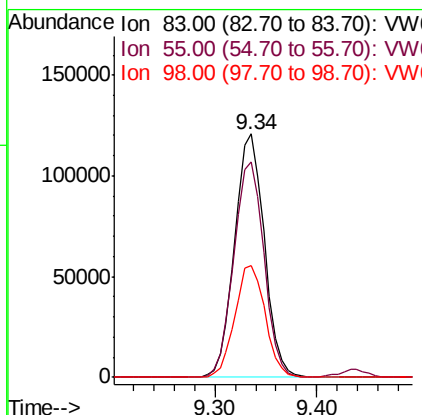
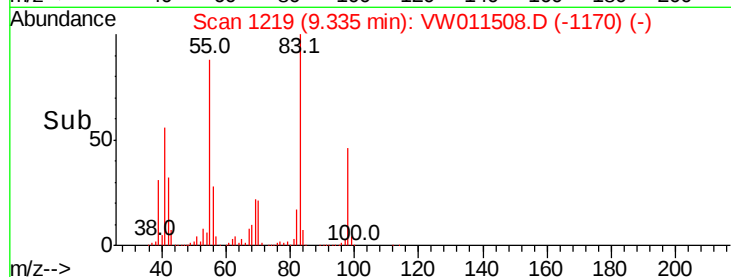
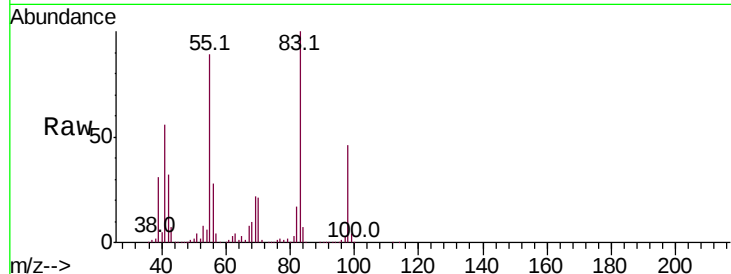
#39
Methvlcvclohexane
Concen: 57.692 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	88.5	72.1	108.1
98	45.9	38.6	57.8

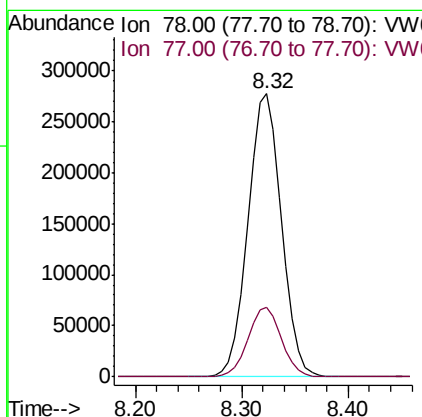
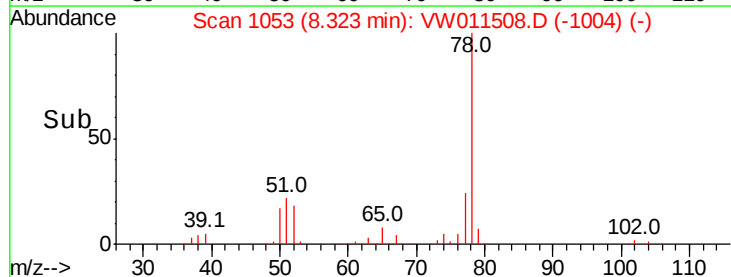
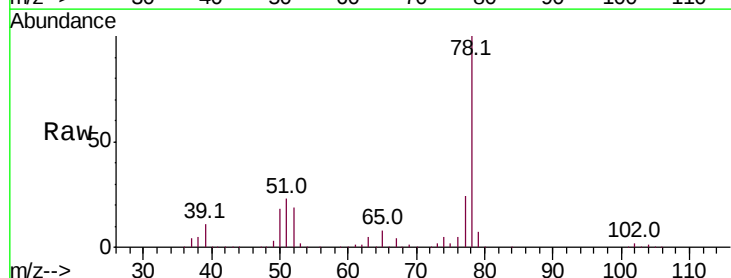
Manual Integrations
APPROVED

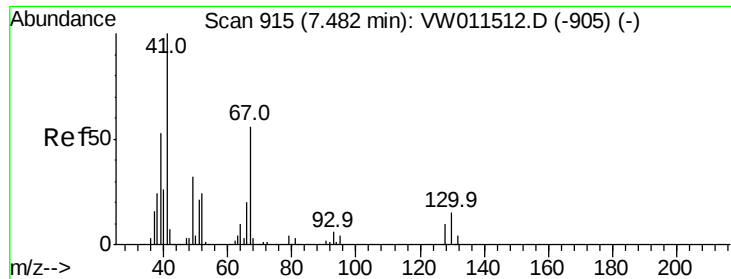
MMDadoda
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#40
Benzene
Concen: 56.673 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.0





#41

Methacrylonitrile

Concen: 56.589 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW011508.D

Acq: 26 Jul 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 74859

Ion Ratio Lower Upper

41 100

39 58.3 43.0 64.4

67 55.2 47.5 71.3

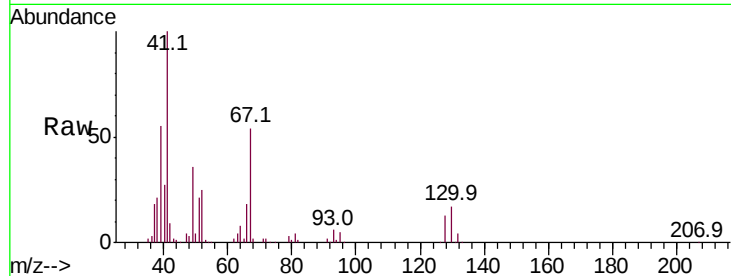
52 24.9 21.0 31.6

Manual Integrations

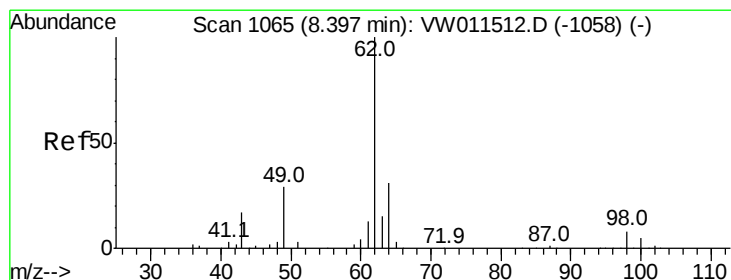
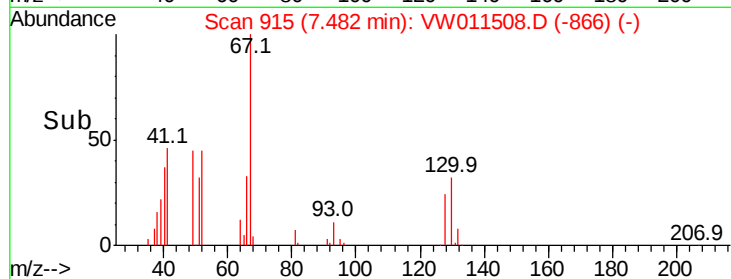
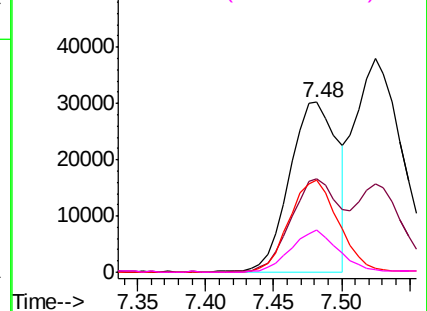
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Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 56.282 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW011508.D

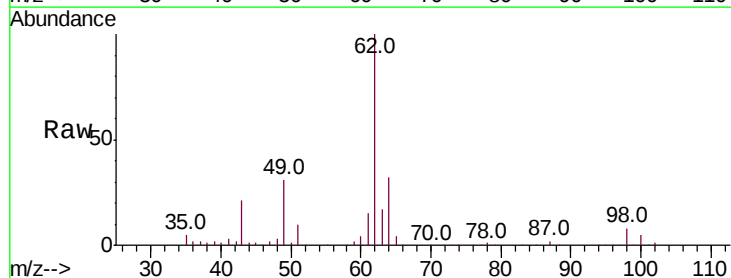
Acq: 26 Jul 2019 10:41

Tgt Ion: 62 Resp: 189853

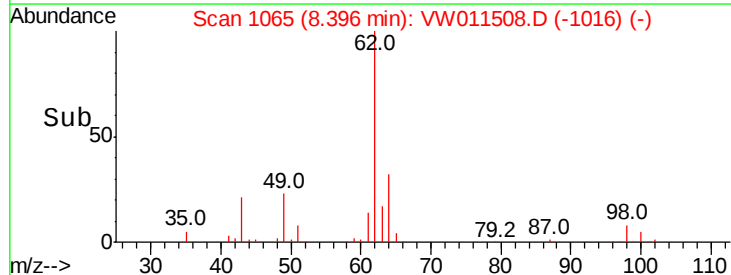
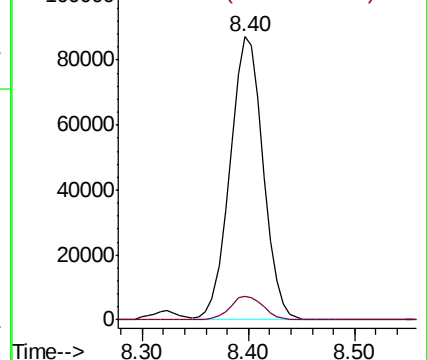
Ion Ratio Lower Upper

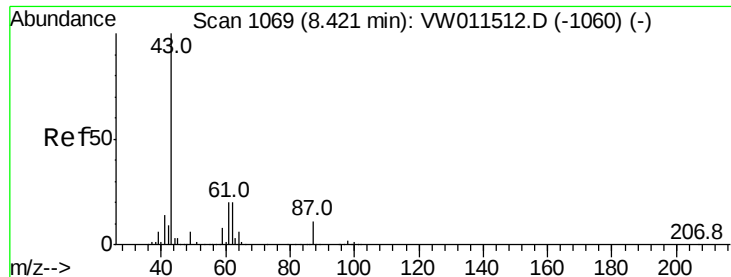
62 100

98 8.3 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 56.183 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011508.D

Acq: 26 Jul 2019 10:41

Instrument :

MSVOA_W

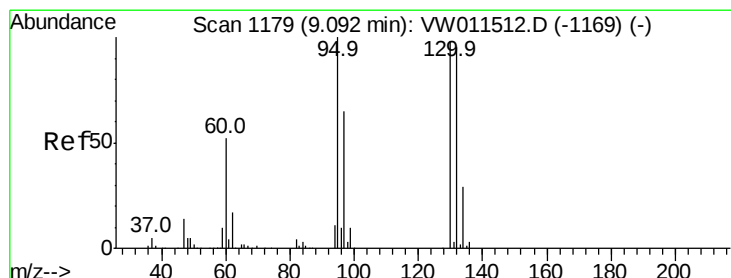
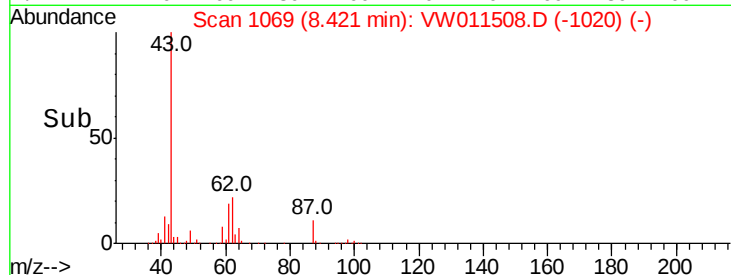
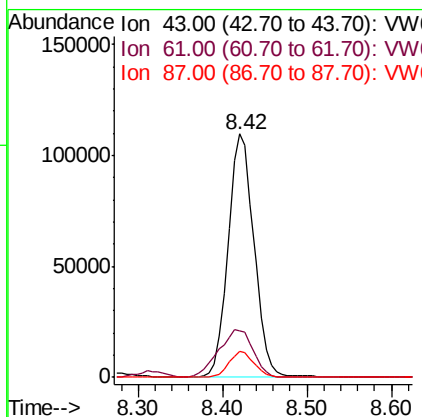
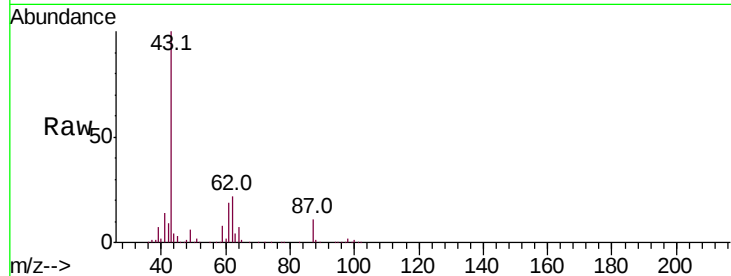
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	228655
Ion	Ratio	Lower	Upper
43	100		
61	26.4	21.5	32.3
87	10.4	8.4	12.6

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#44

Trichloroethene

Concen: 57.370 ug/l

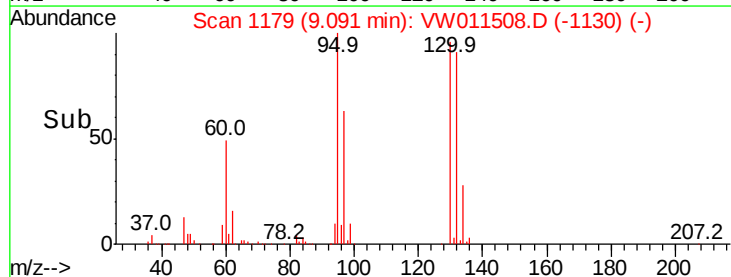
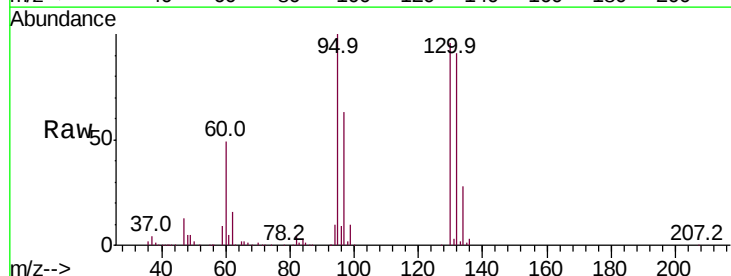
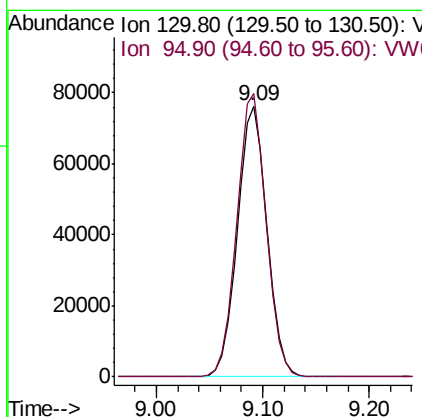
RT: 9.09 min Scan# 1179

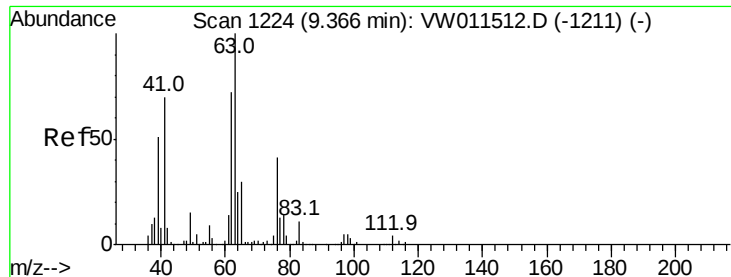
Delta R.T. -0.00 min

Lab File: VW011508.D

Acq: 26 Jul 2019 10:41

Tgt Ion:	130	Resp:	148561
Ion	Ratio	Lower	Upper
130	100		
95	104.5	0.0	204.8





#45

1,2-Dichloropropane

Concen: 56.843 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW011508.D

Acq: 26 Jul 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 163867

Ion Ratio Lower Upper

63 100

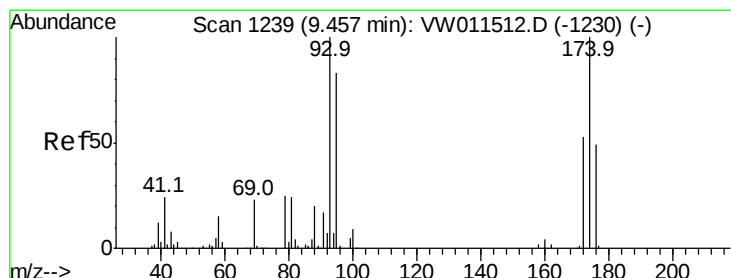
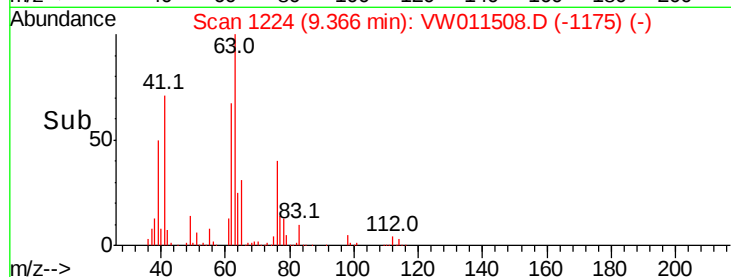
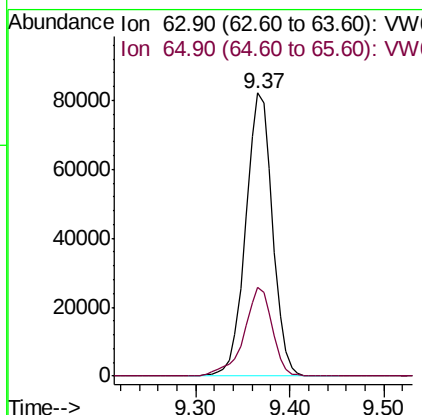
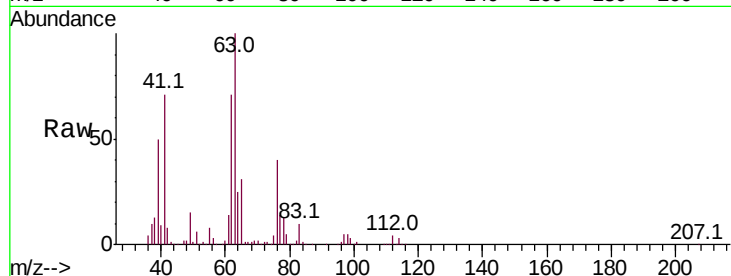
65 31.2 24.2 36.4

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#46

Dibromomethane

Concen: 55.920 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW011508.D

Acq: 26 Jul 2019 10:41

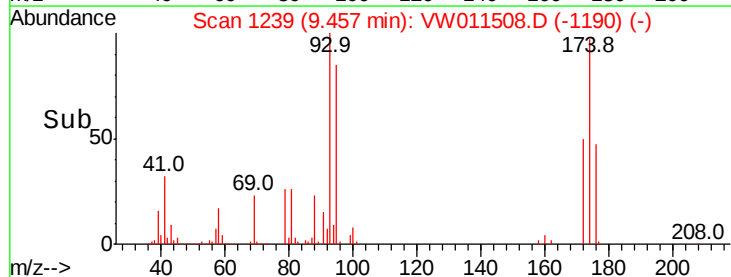
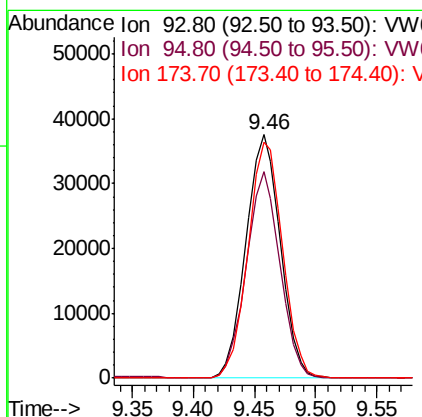
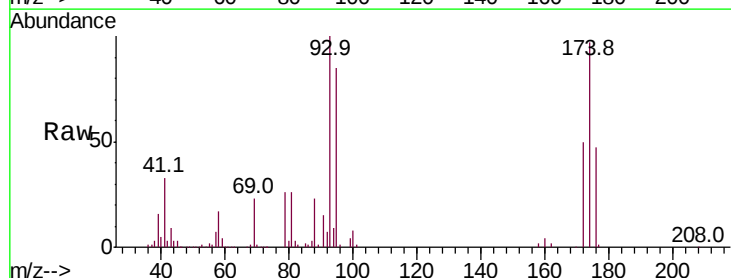
Tgt Ion: 93 Resp: 73577

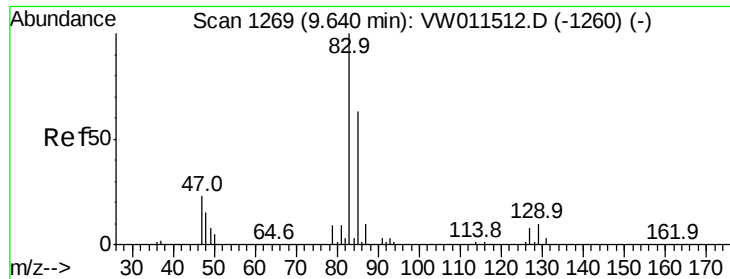
Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.2

174 97.2 78.2 117.4





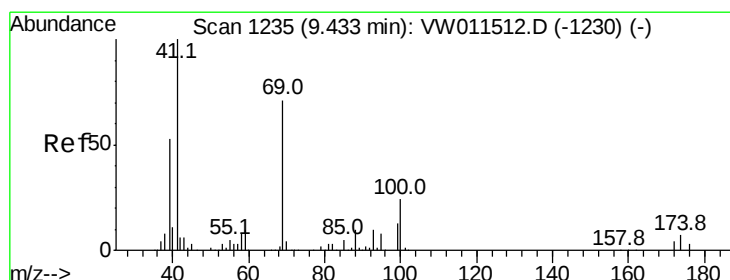
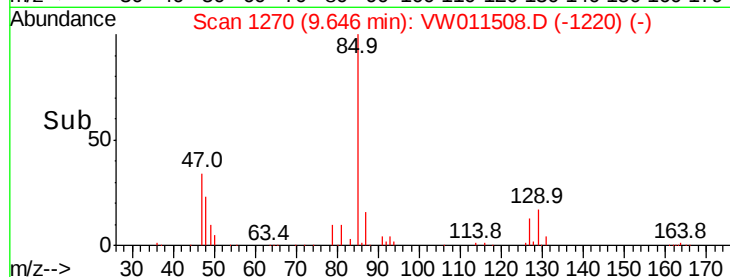
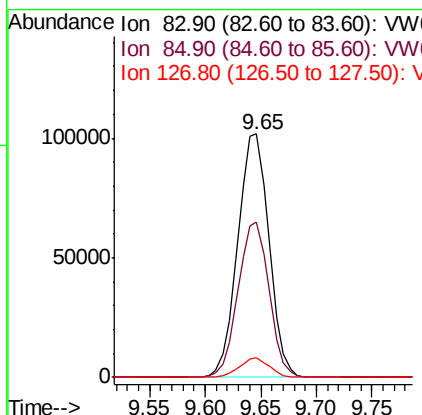
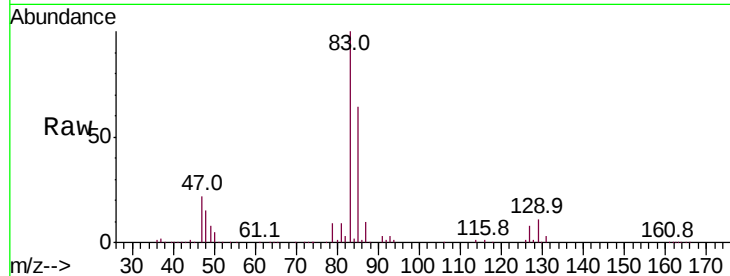
#47
Bromodichloromethane
Concen: 57.325 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	63.8	50.5	75.7	
127	8.1	6.4	9.6	

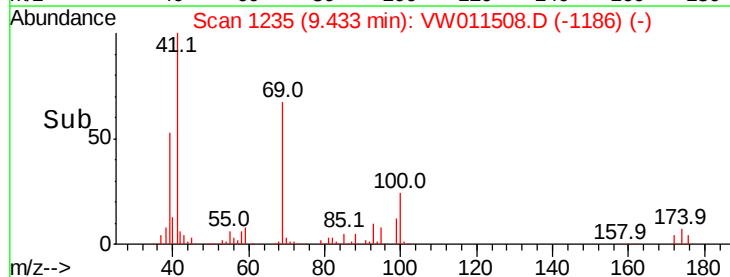
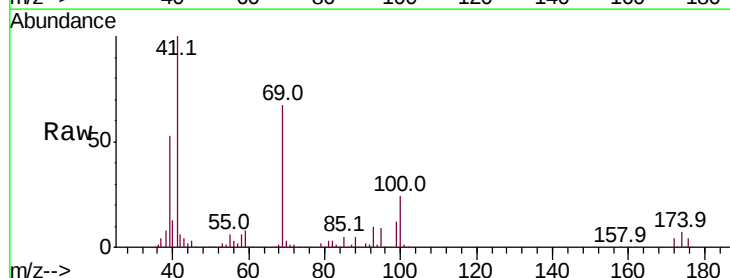
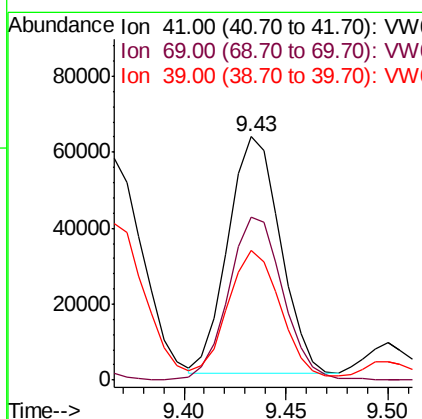
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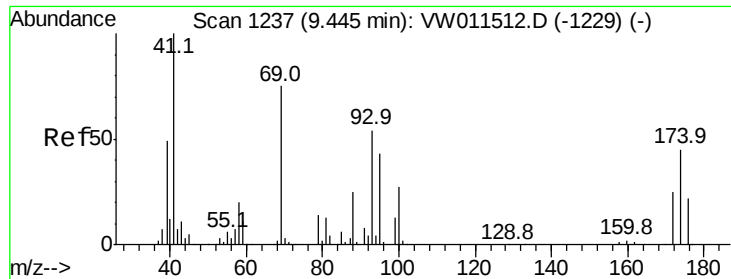
MMDadoda
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#48
Methyl methacrylate
Concen: 56.578 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	71.9	57.1	85.7	
39	52.5	45.4	68.2	





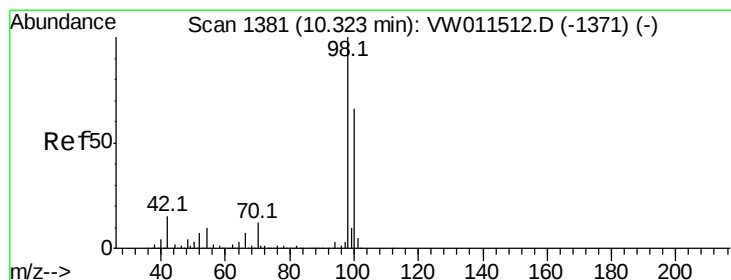
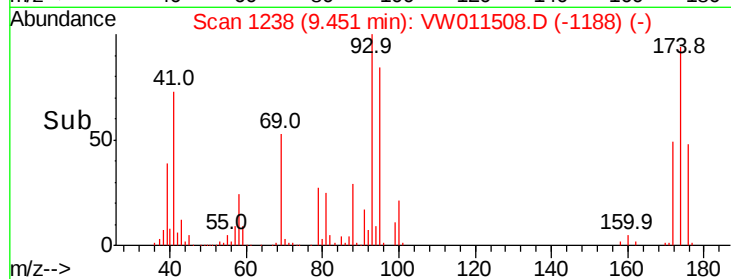
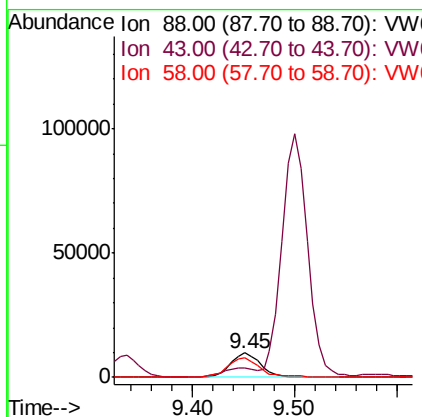
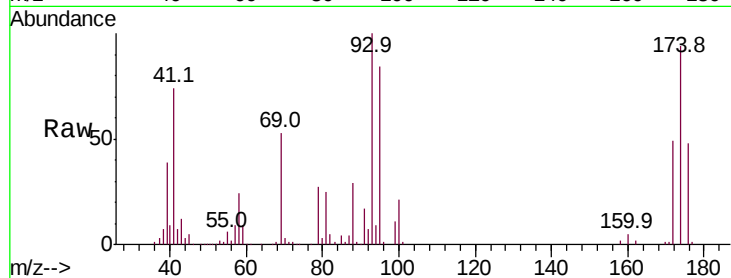
#49
1,4-Dioxane
Concen: 1064.544 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 20281
Ion Ratio Lower Upper
88 100
43 40.1 34.0 51.0
58 87.5 69.7 104.5

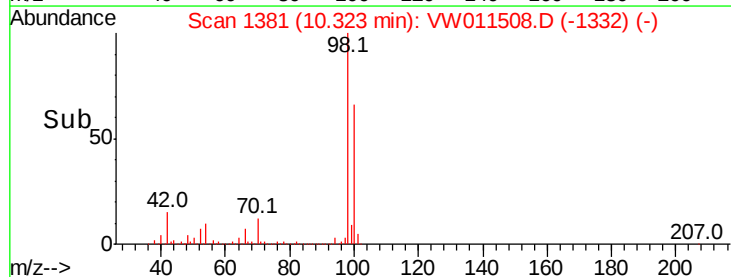
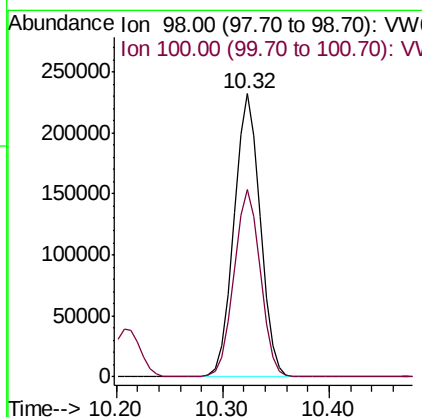
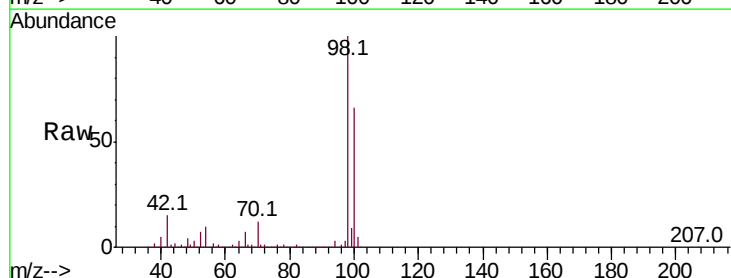
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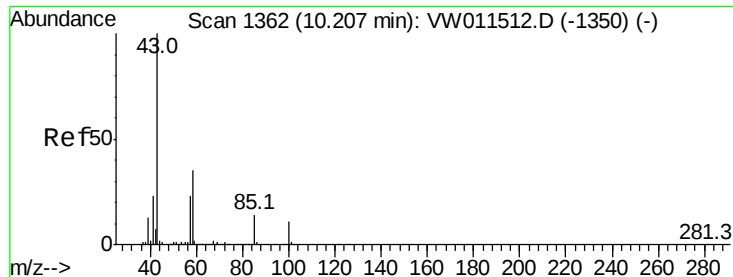
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#50
Toluene-d8
Concen: 47.196 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Tgt Ion: 98 Resp: 401013
Ion Ratio Lower Upper
98 100
100 66.5 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 276.982 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW011508.D

Acq: 26 Jul 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 586345

Ion Ratio Lower Upper

43 100

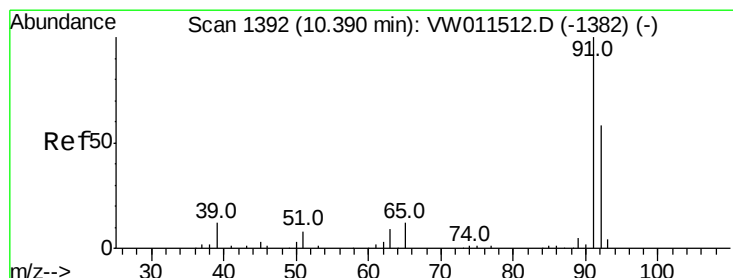
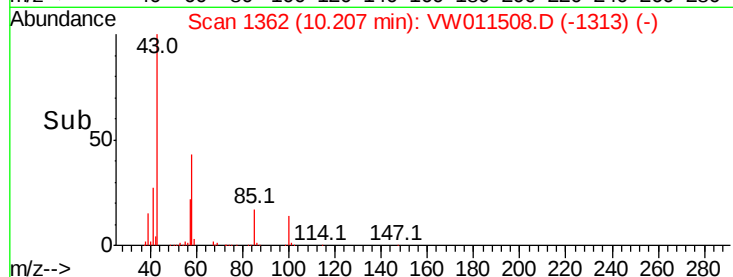
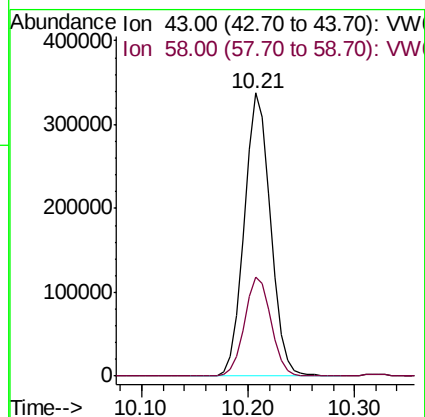
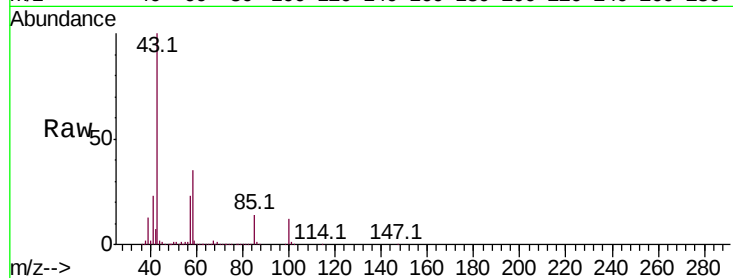
58 35.2 28.2 42.2

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#52

Toluene

Concen: 57.877 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW011508.D

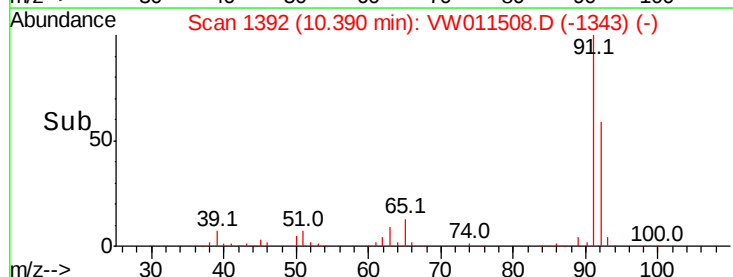
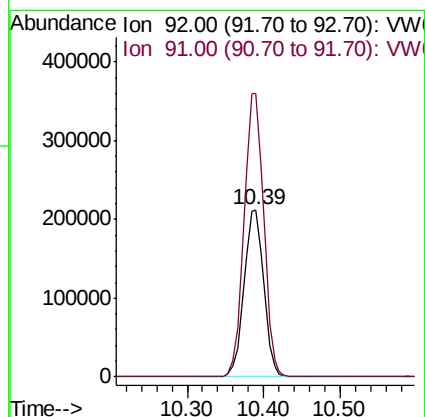
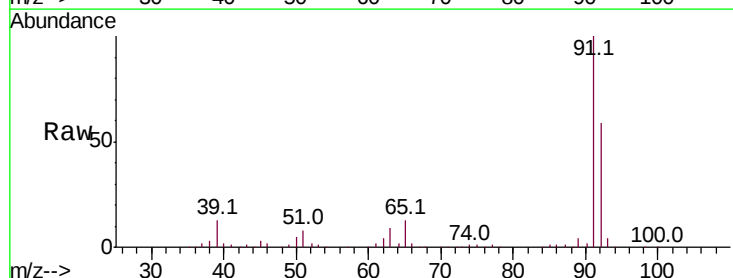
Acq: 26 Jul 2019 10:41

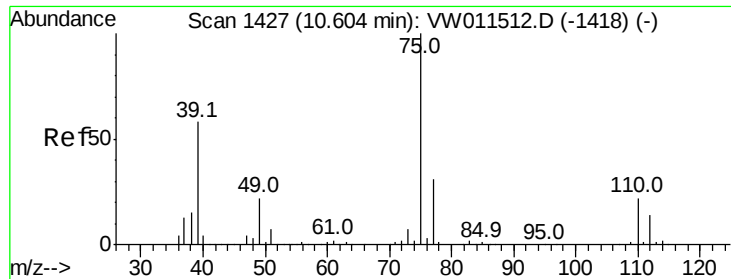
Tgt Ion: 92 Resp: 376573

Ion Ratio Lower Upper

92 100

91 169.4 136.7 205.1





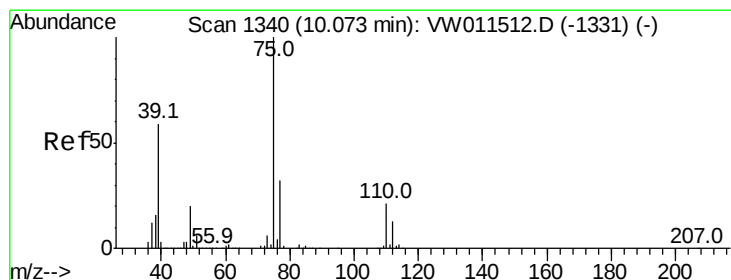
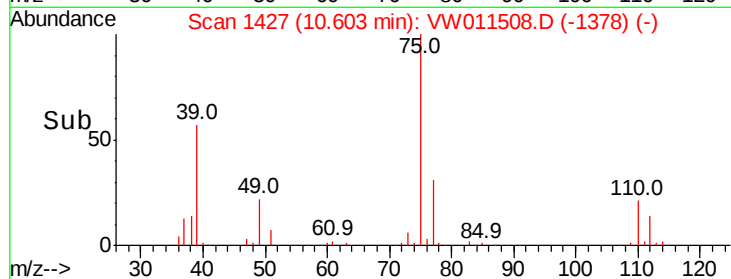
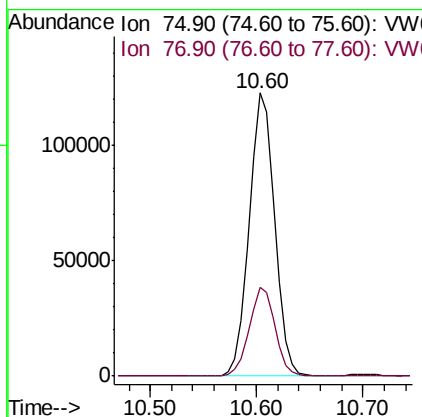
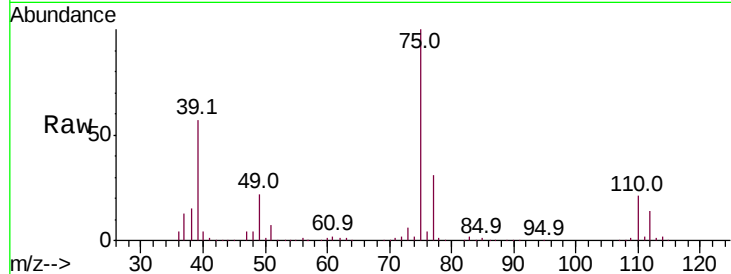
#53
t-1,3-Dichloropropene
Concen: 57.317 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 206649
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.4

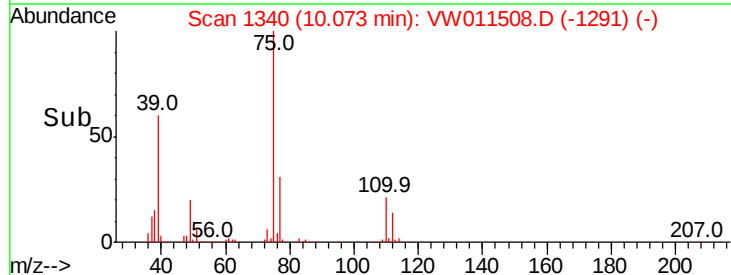
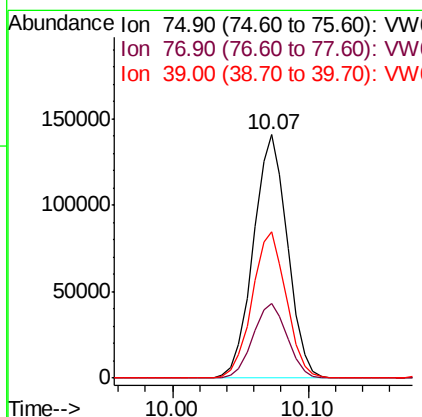
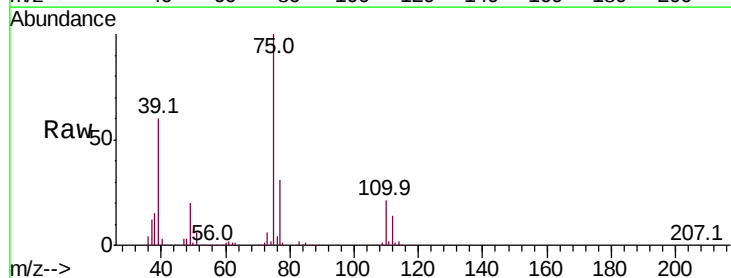
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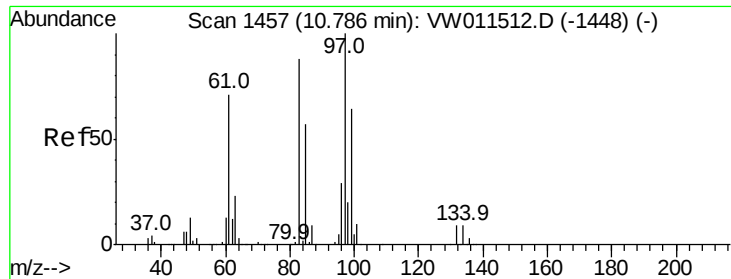
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#54
cis-1,3-Dichloropropene
Concen: 57.682 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Tgt Ion: 75 Resp: 247271
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4
39 60.0 47.0 70.4





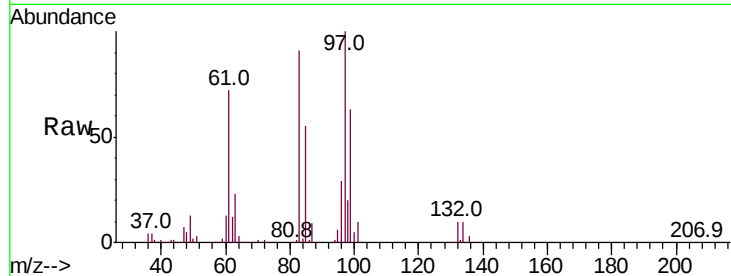
#55
 1,1,2-Trichloroethane
 Concen: 55.863 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

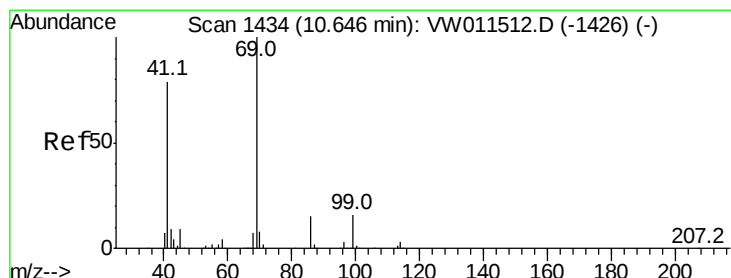
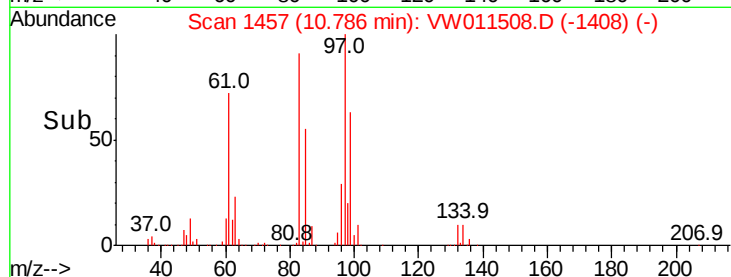
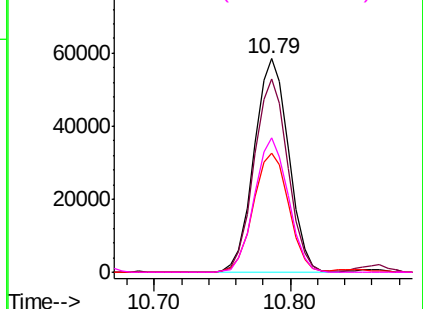
Tot Ion:	97	Resp:	104289
Ion	Ratio	Lower	Upper
97	100		
83	90.5	70.5	105.7
85	55.5	45.8	68.6
99	62.8	51.0	76.4

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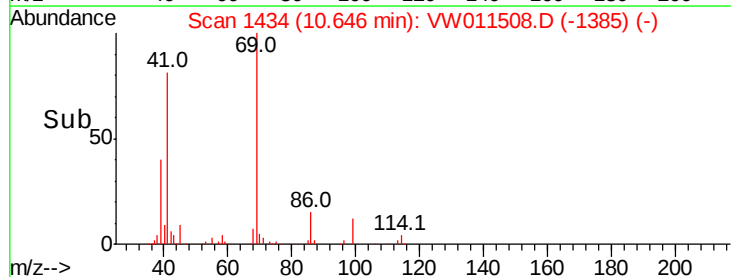
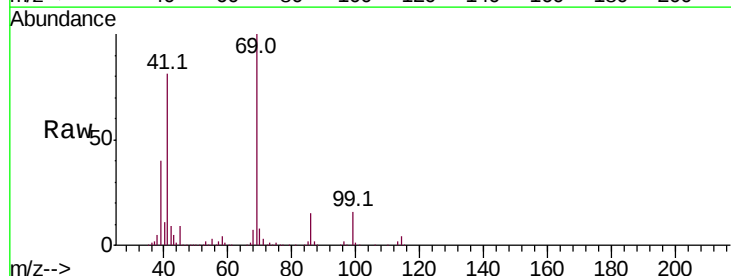
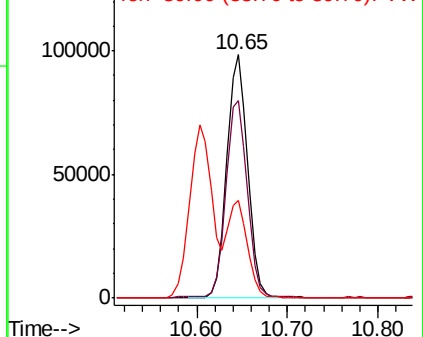
Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

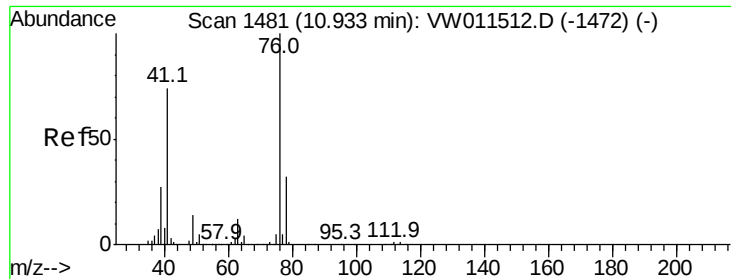


#56
 Ethyl methacrylate
 Concen: 57.592 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

Tgt Ion:	69	Resp:	157332
Ion	Ratio	Lower	Upper
69	100		
41	82.4	66.6	99.8
39	37.3	30.3	45.5

Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





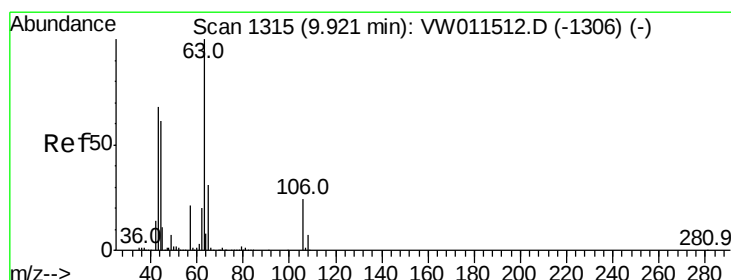
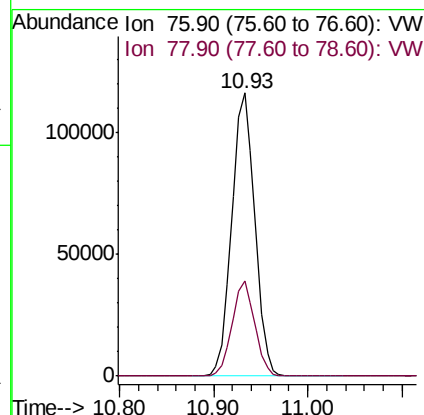
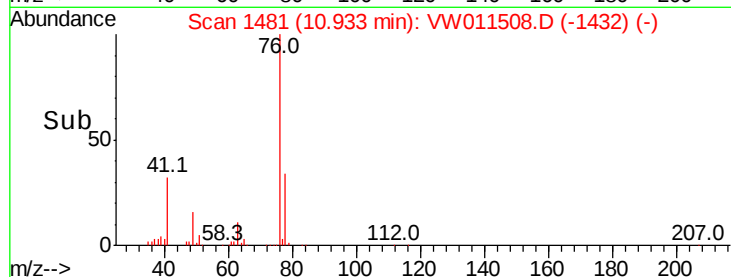
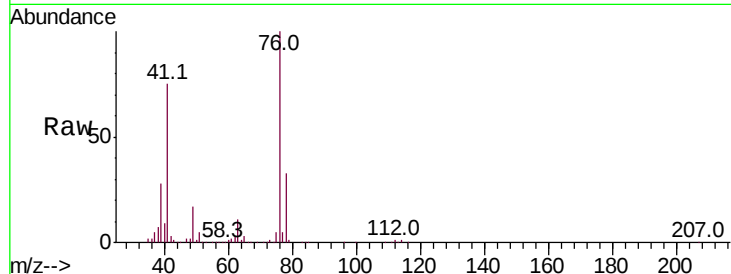
#57
 1,3-Dichloropropane
 Concen: 55.823 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 197163
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.2 37.8

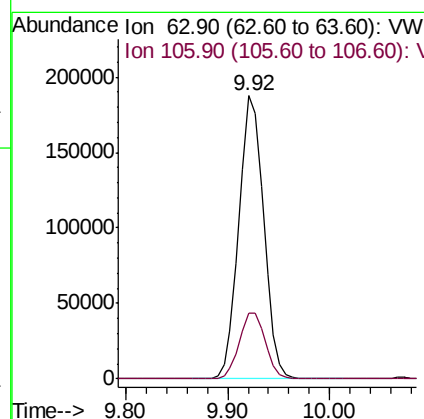
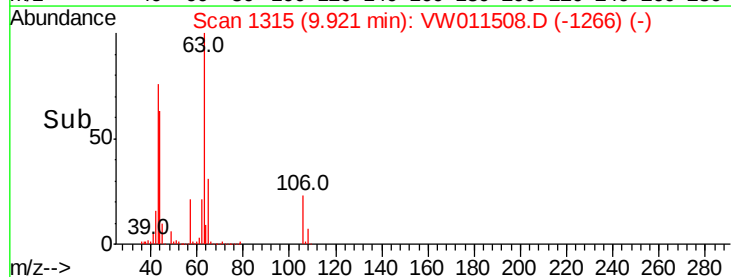
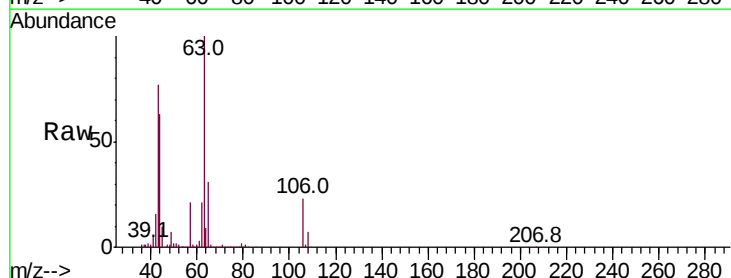
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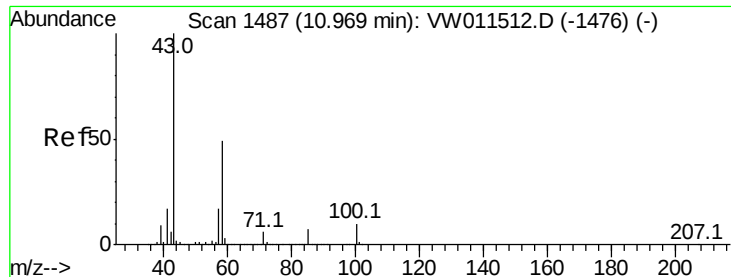
MMDadoda
 7/29/2019 9:17:21 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.771 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

Tgt Ion: 63 Resp: 316007
 Ion Ratio Lower Upper
 63 100
 106 24.3 19.7 29.5





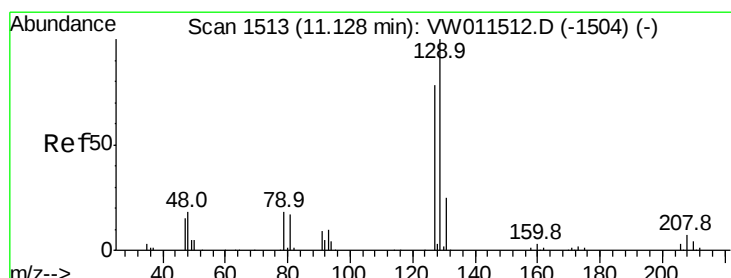
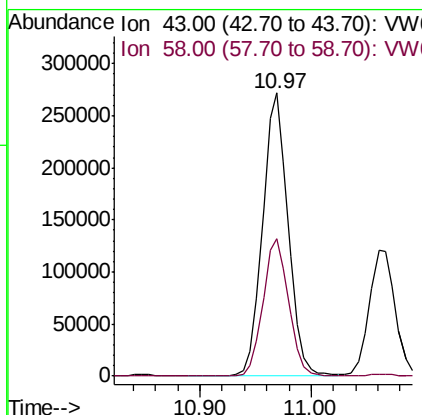
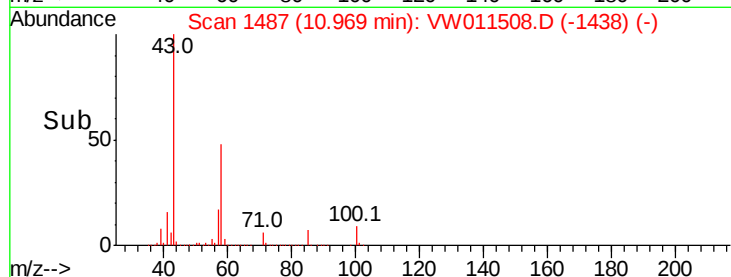
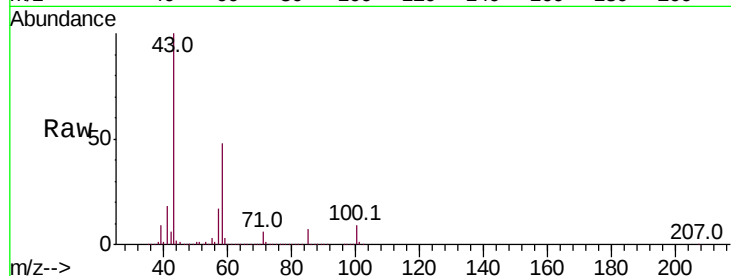
#59
2-Hexanone
Concen: 290.438 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 434109
Ion Ratio Lower Upper
43 100
58 48.8 24.3 72.9

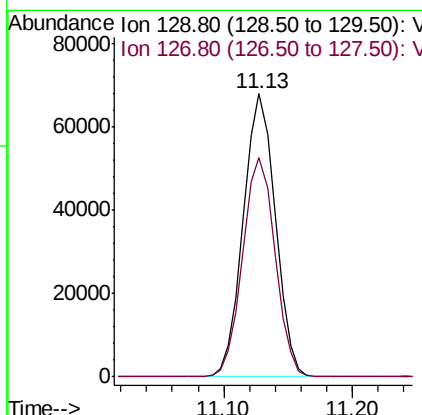
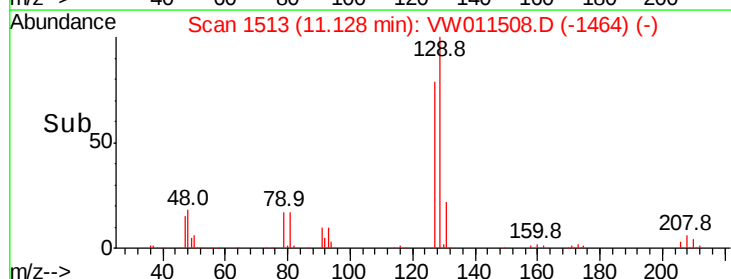
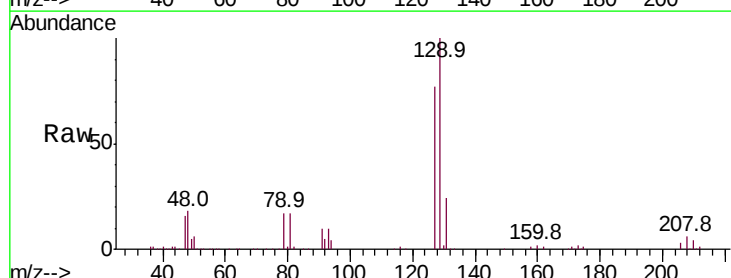
Manual Integrations
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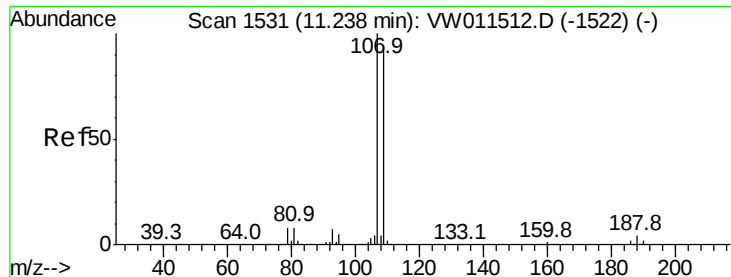
MMDadoda
7/29/2019 9:17:21 AM



#60
Dibromochloromethane
Concen: 56.433 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Tgt Ion: 129 Resp: 116944
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.7





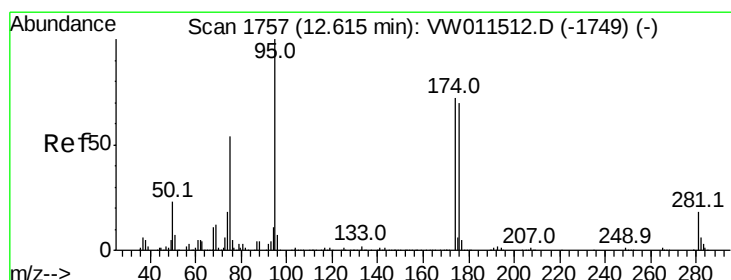
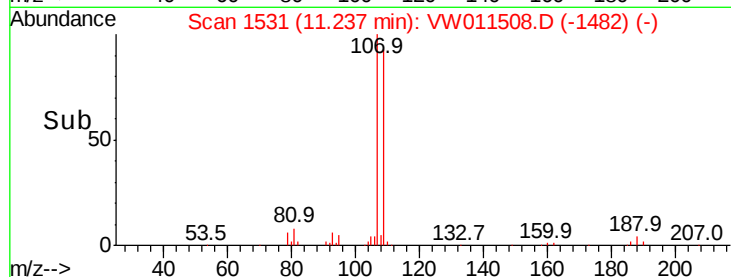
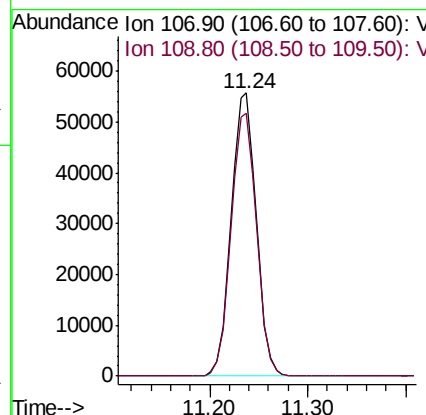
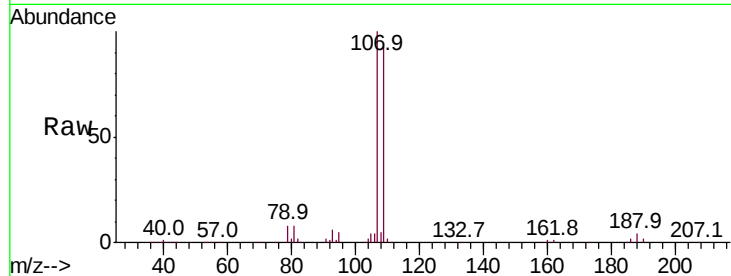
#61
 1,2-Dibromoethane
 Concen: 55.887 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:107 Resp: 98735
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.0 112.6

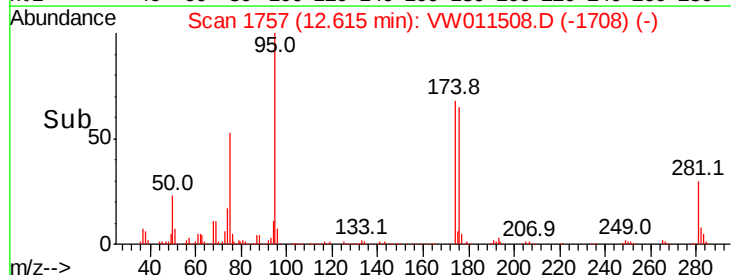
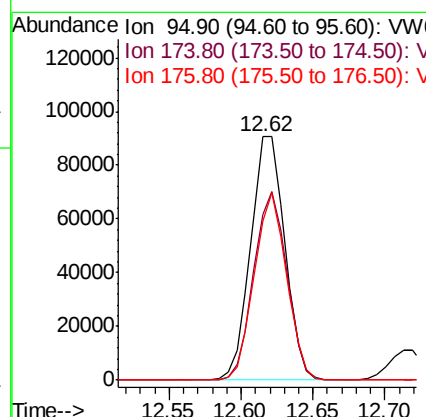
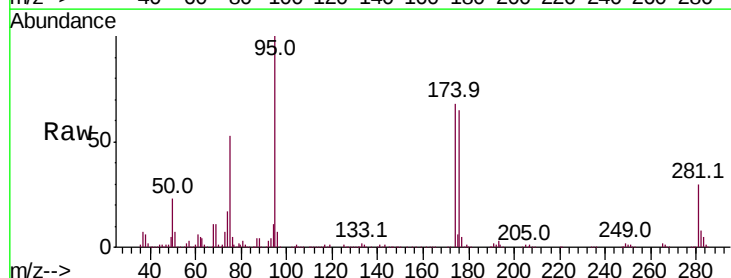
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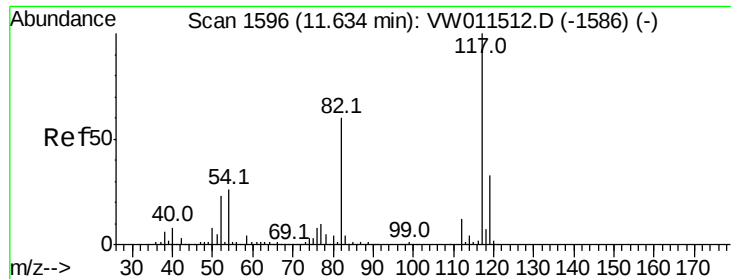
MMDadoda
 7/29/2019 9:17:21 AM



#62
 4-Bromofluorobenzene
 Concen: 49.013 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

Tgt Ion: 95 Resp: 148474
 Ion Ratio Lower Upper
 95 100
 174 75.4 0.0 150.2
 176 72.7 0.0 144.4





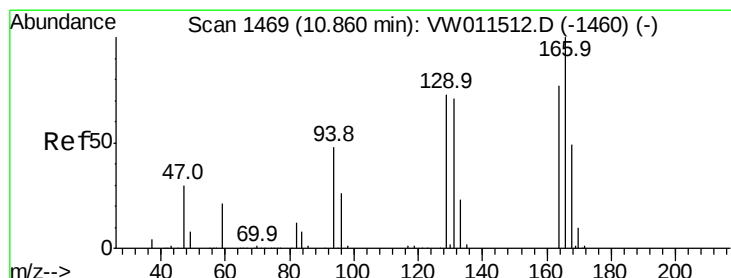
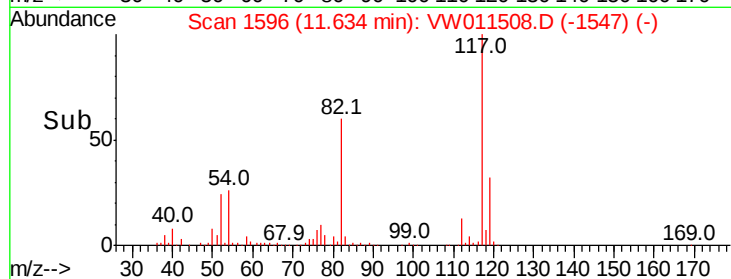
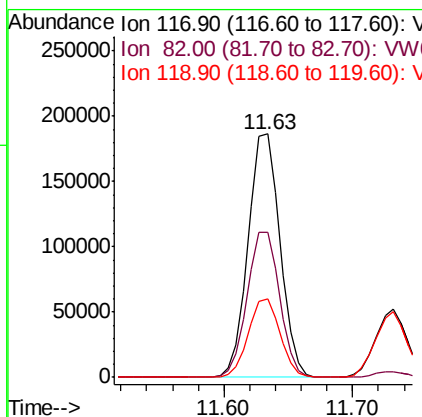
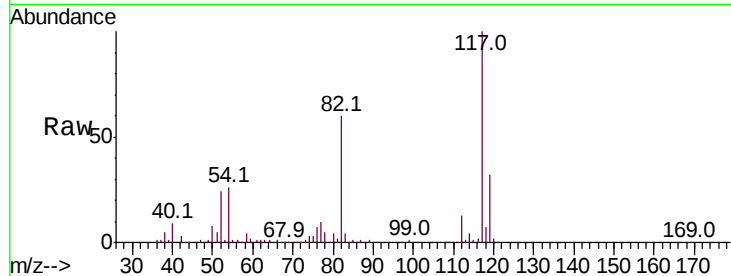
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	59.7	47.9	71.9	
119	32.1	26.2	39.2	

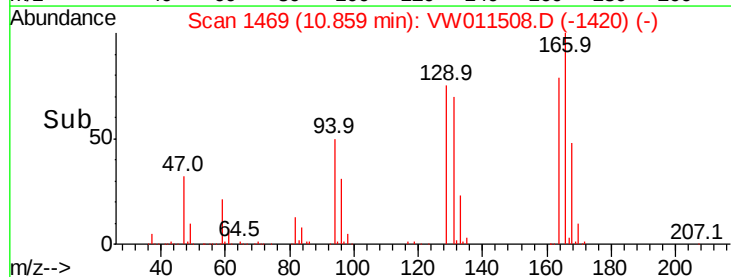
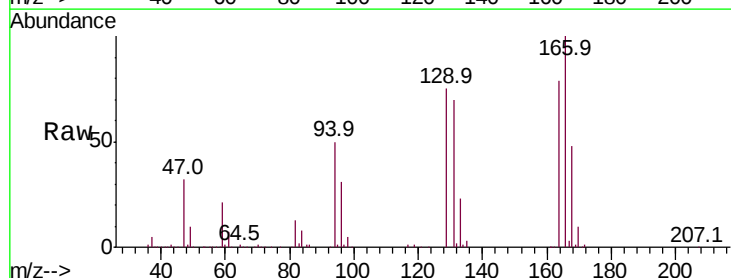
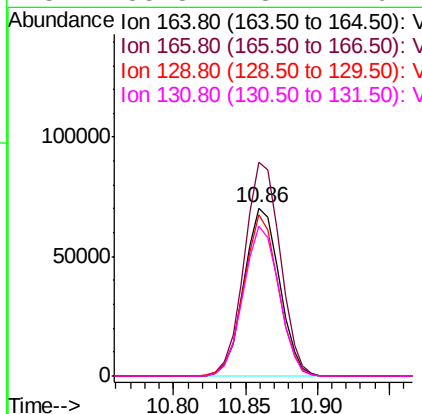
Manual Integrations
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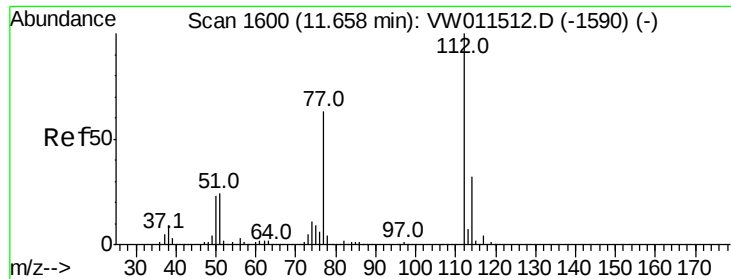
MMDadoda
7/29/2019 9:17:21 AM



#64
Tetrachloroethene
Concen: 57.890 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	127.0	103.5	155.3	
129	95.6	75.2	112.8	
131	88.8	73.4	110.2	





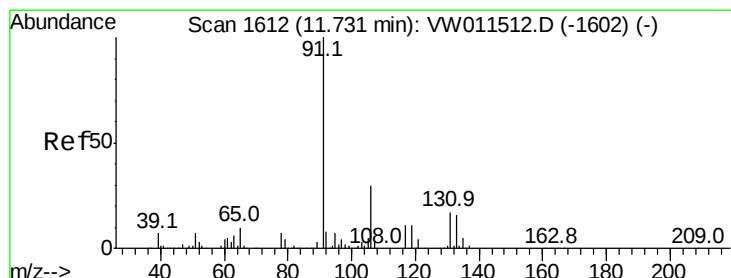
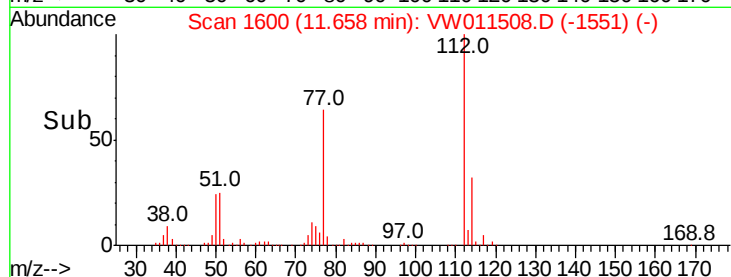
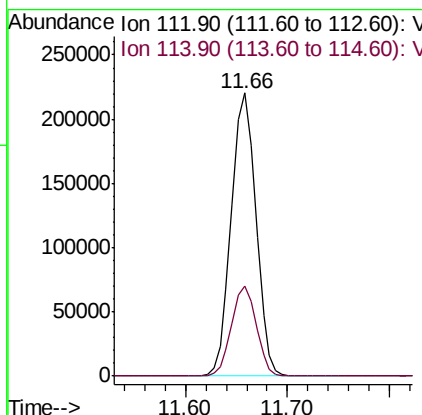
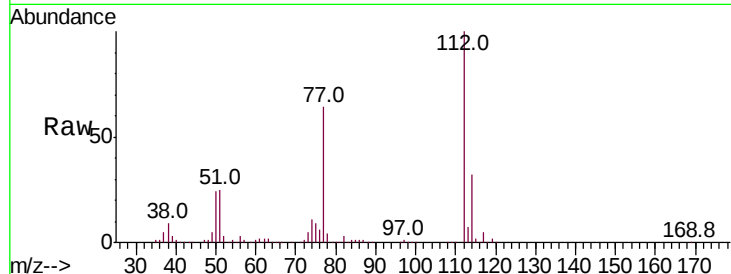
#65
Chlorobenzene
Concen: 57.668 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 369227
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4

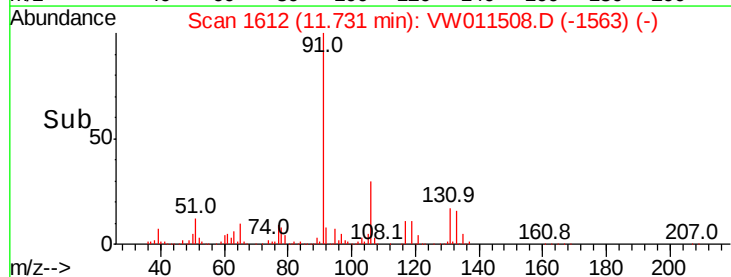
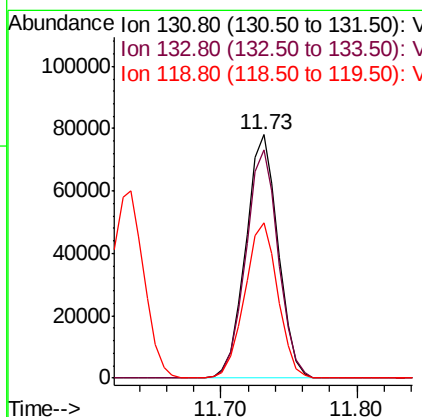
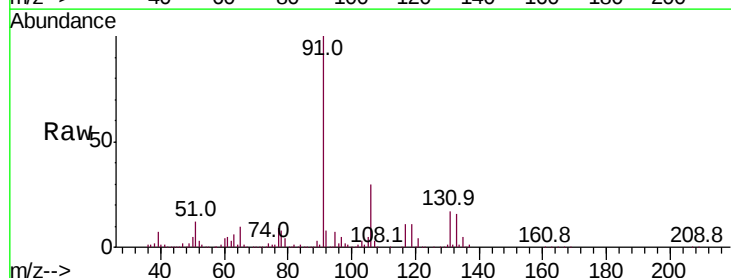
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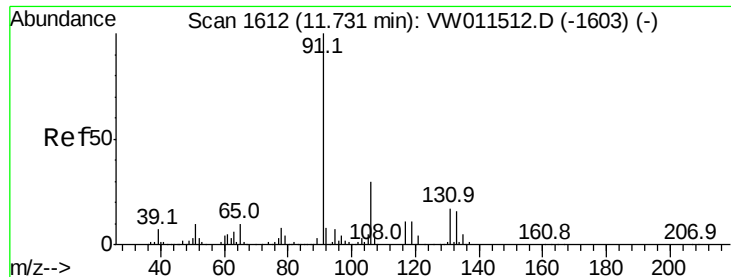
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#66
1,1,1,2-Tetrachloroethane
Concen: 58.311 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Tgt Ion:131 Resp: 130045
Ion Ratio Lower Upper
131 100
133 94.4 47.4 142.2
119 65.1 32.3 96.9





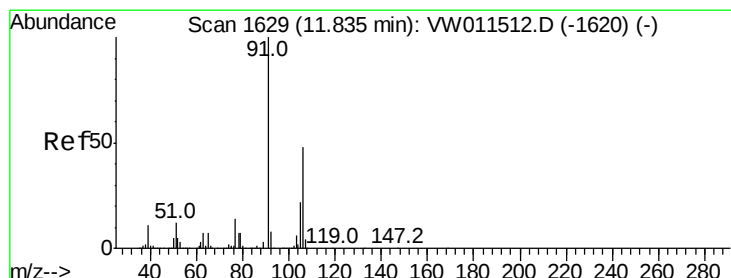
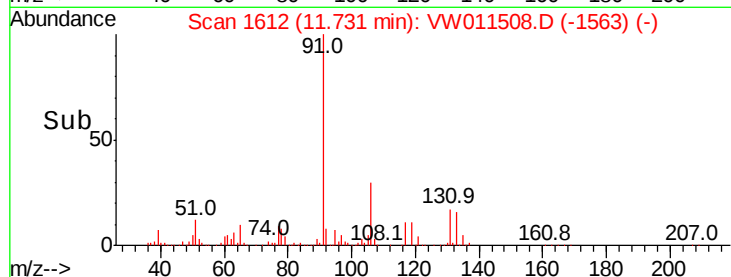
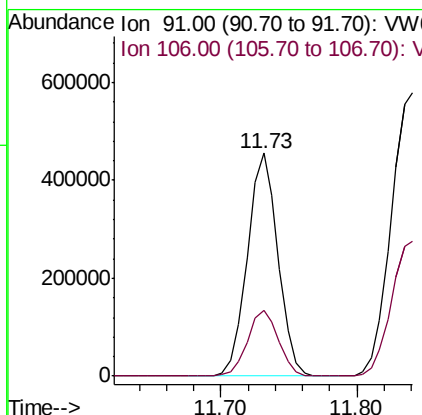
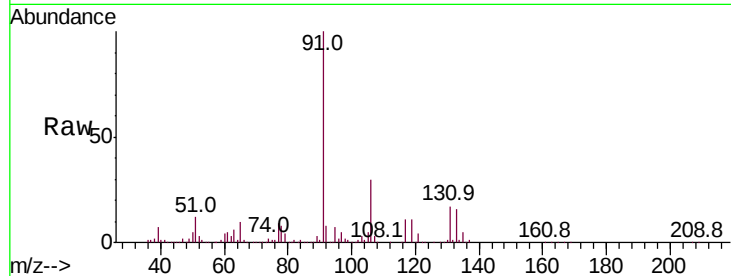
#67
Ethyl Benzene
Concen: 58.808 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 717115
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6

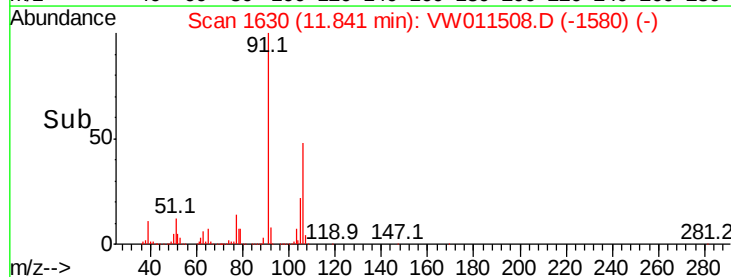
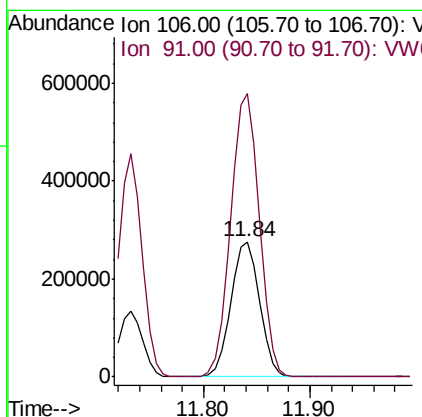
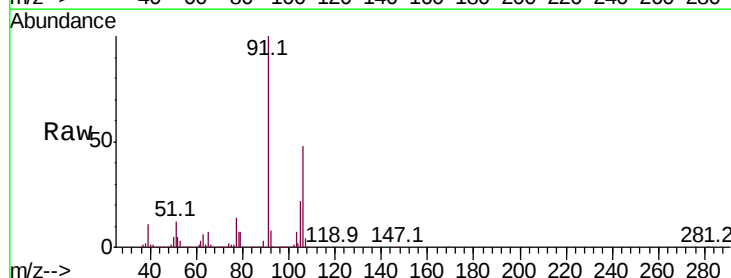
Manual Integrations
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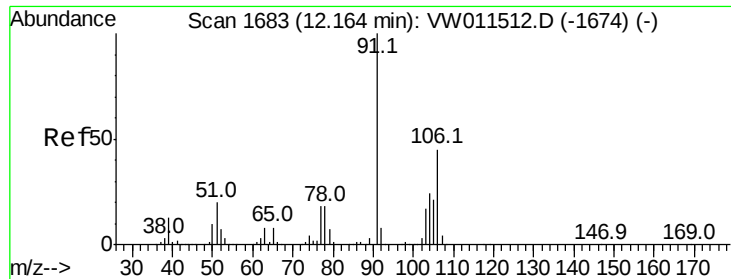
MMDadoda
7/29/2019 9:17:21 AM



#68
m/p-Xylenes
Concen: 117.449 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Tgt Ion: 106 Resp: 520844
Ion Ratio Lower Upper
106 100
91 209.8 168.2 252.2





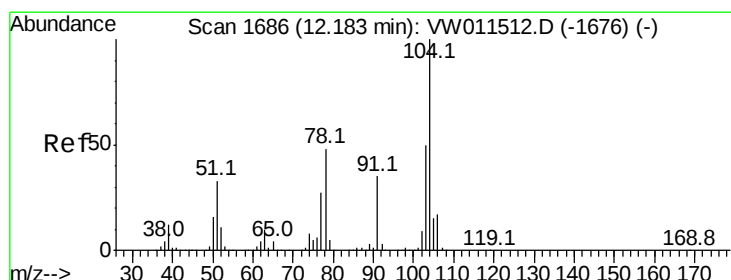
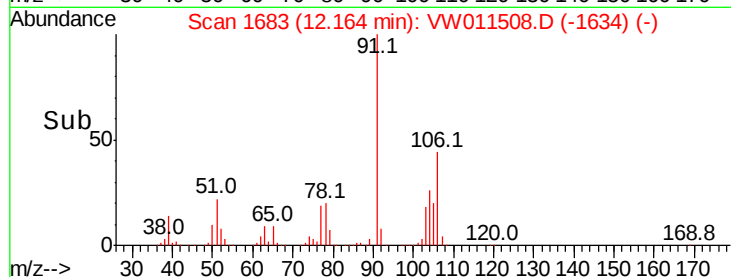
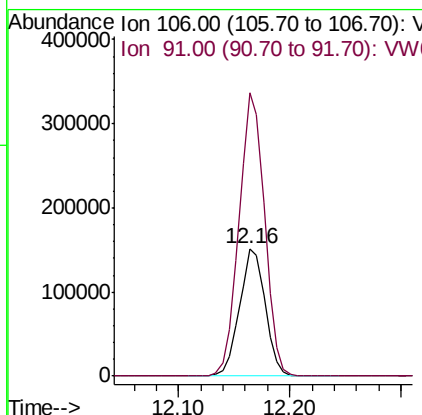
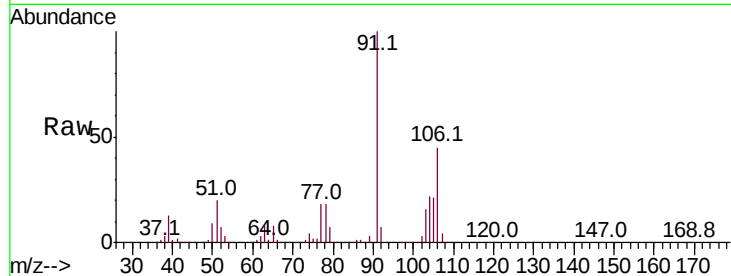
#69
o-Xylene
Concen: 58.634 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	221.1	110.5	331.5

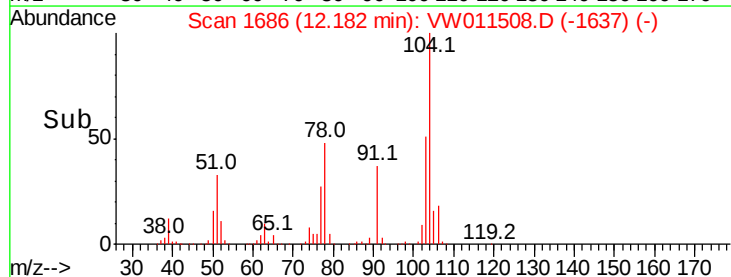
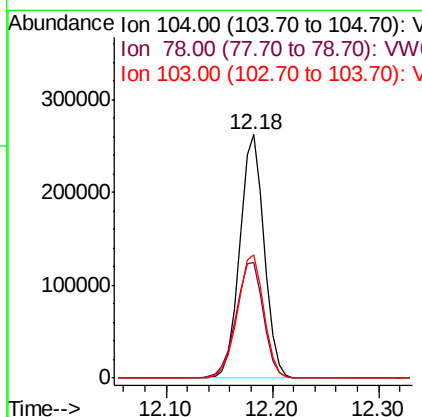
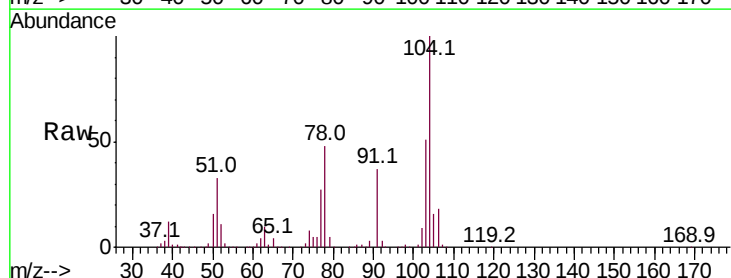
Manual Integrations
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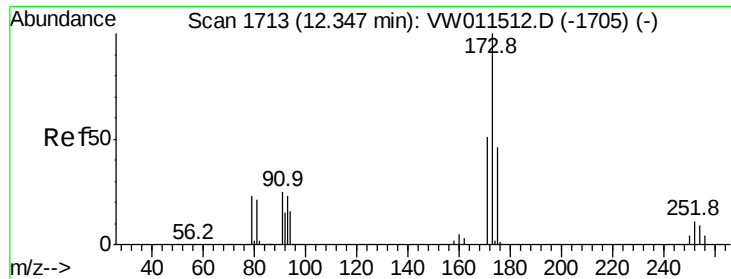
MMDadoda
7/29/2019 9:17:21 AM



#70
Styrene
Concen: 59.095 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.8	43.4	65.0
103	55.1	43.9	65.9





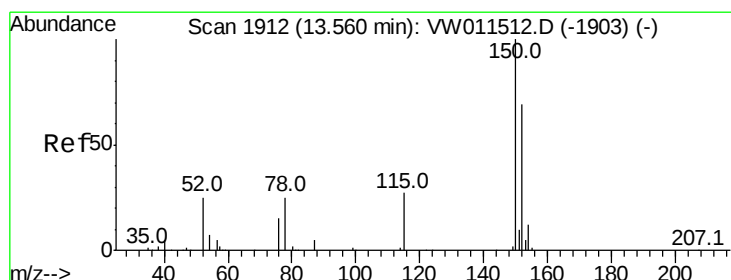
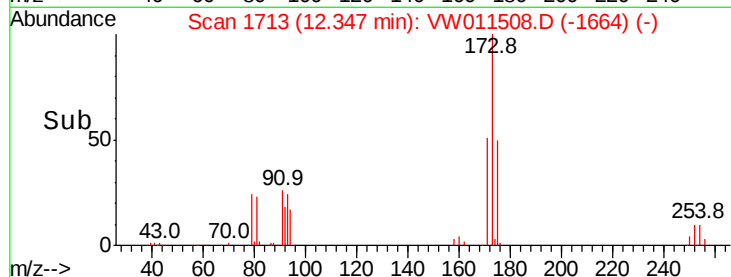
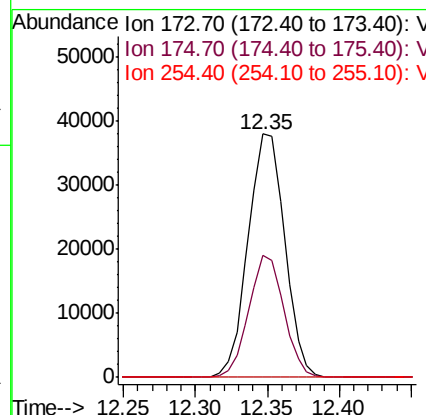
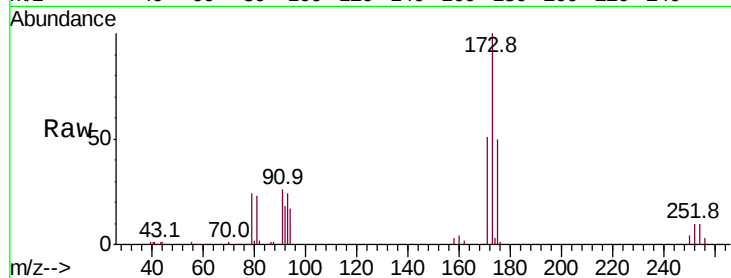
#71
Bromoform
Concen: 58.809 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.6	71.0
254	0.2	0.1	0.1#

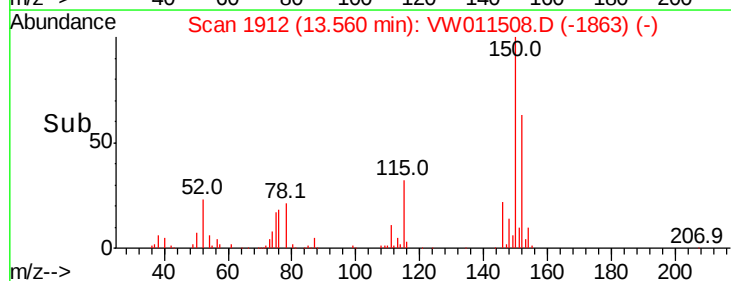
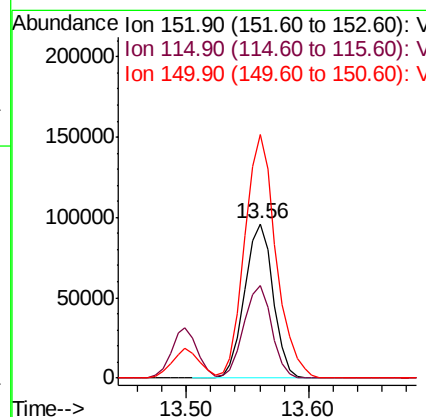
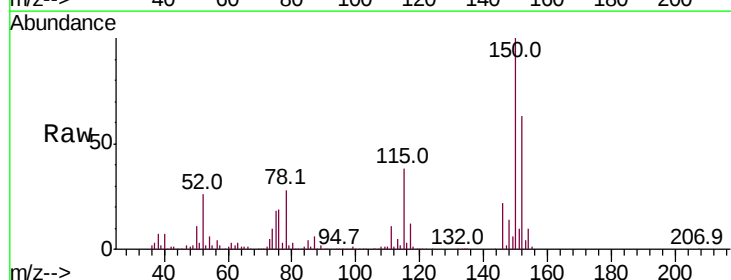
Manual Integrations
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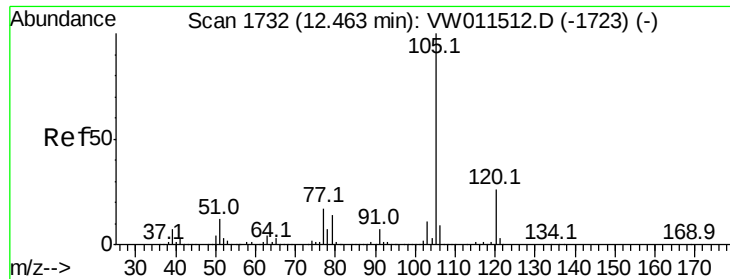
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7/29/2019 9:17:21 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	30.5	91.5
150	172.9	0.0	352.6





#73

Isopropylbenzene

Concen: 57.997 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011508.D

Acq: 26 Jul 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 670279

Ion Ratio Lower Upper

105 100

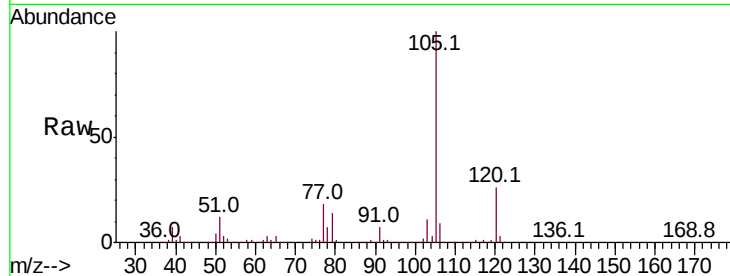
120 25.6 12.9 38.7

Manual Integrations

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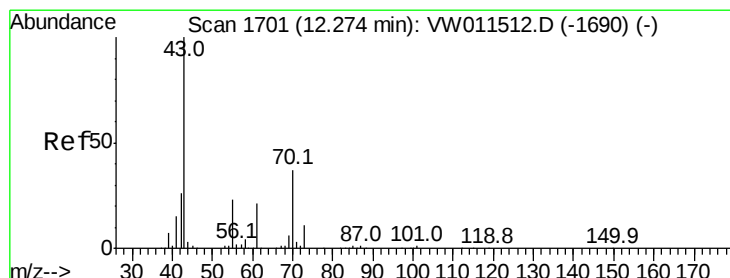
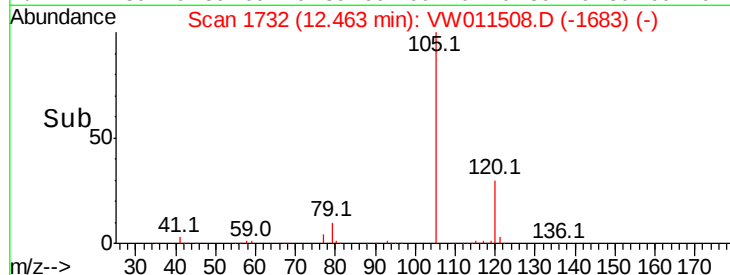
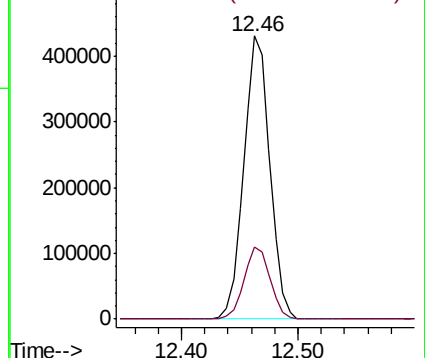
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.571 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011508.D

Acq: 26 Jul 2019 10:41

Tgt Ion: 43 Resp: 208306

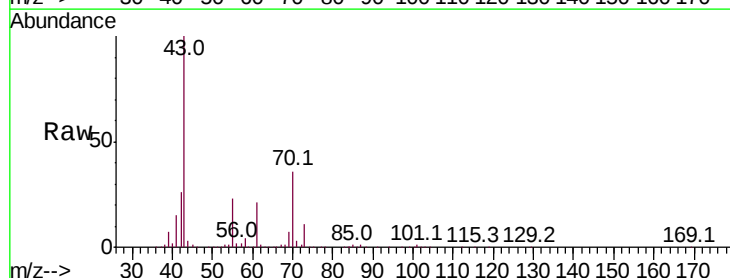
Ion Ratio Lower Upper

43 100

70 36.1 28.6 43.0

55 22.6 17.8 26.8

61 21.2 17.0 25.6

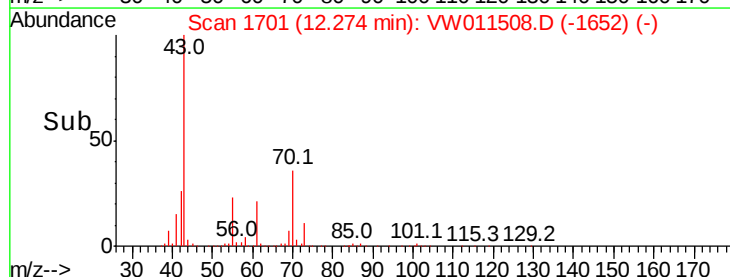
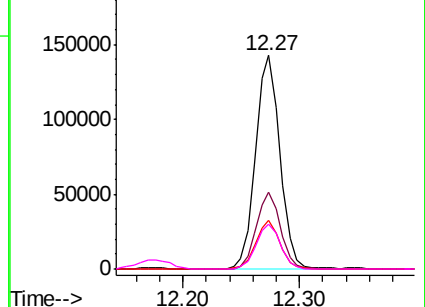


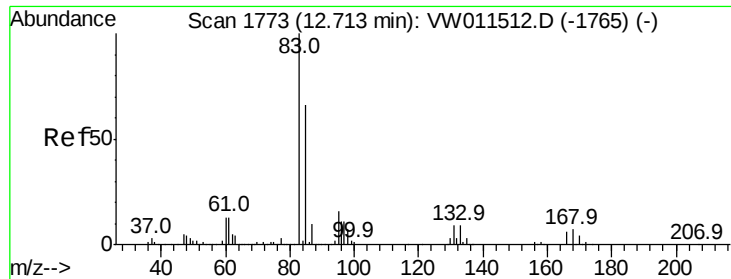
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





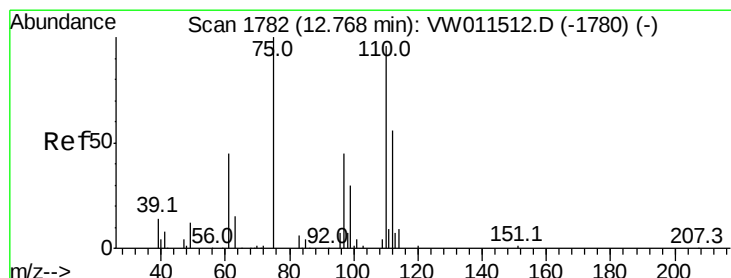
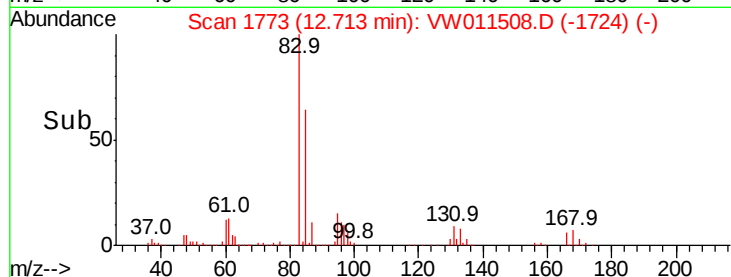
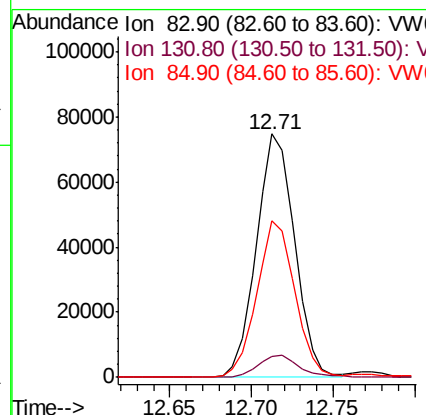
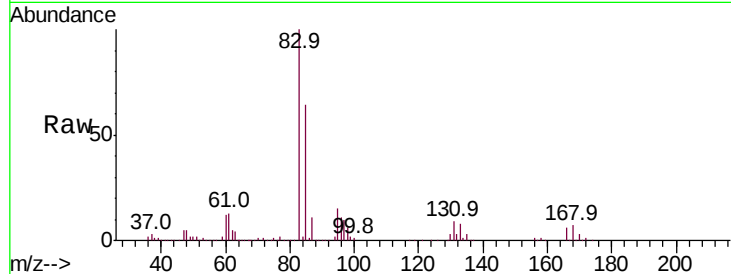
#75
 1,1,2,2-Tetrachloroethane
 Concen: 56.093 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.6
85	63.7	31.8	95.4

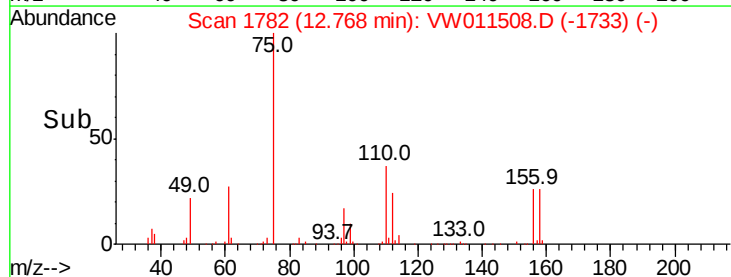
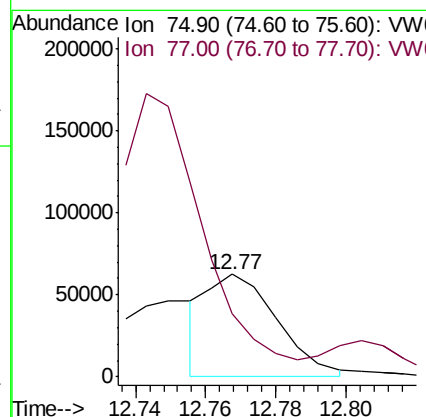
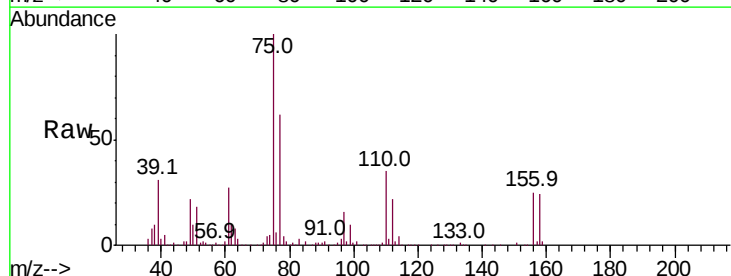
Manual Integrations
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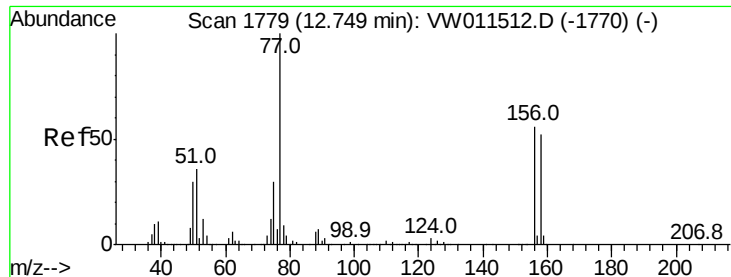
MMDadoda
 7/29/2019 9:17:21 AM



#76
 1,2,3-Trichloropropane
 Concen: 53.293 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





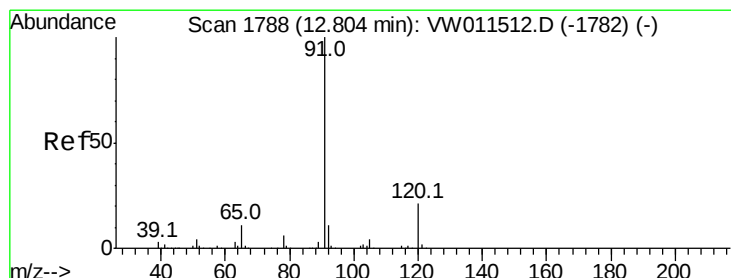
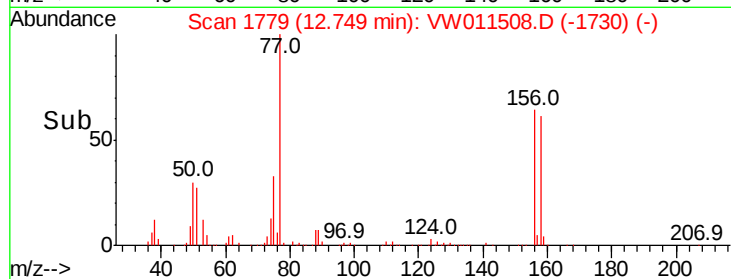
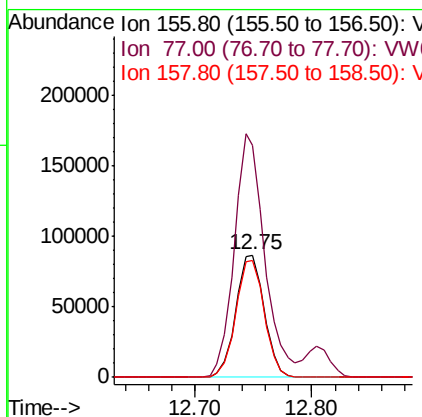
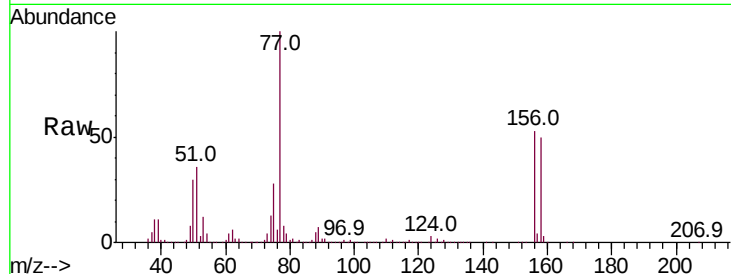
#77
Bromobenzene
Concen: 57.532 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	213.0	106.5	319.4
158	96.2	48.0	144.2

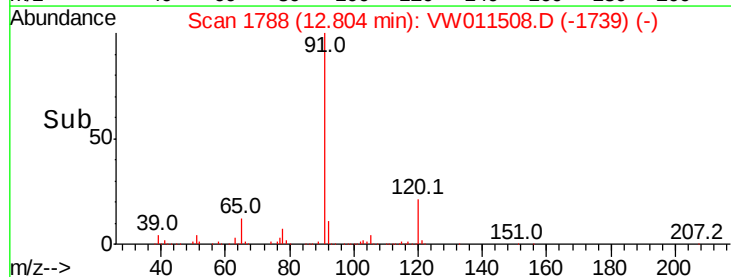
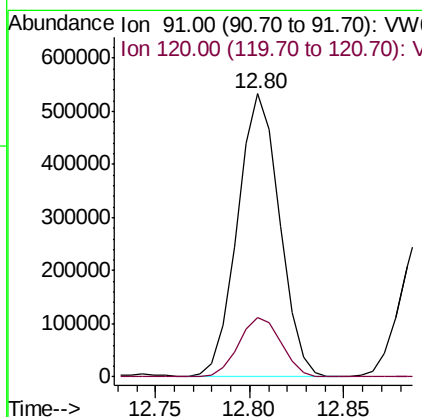
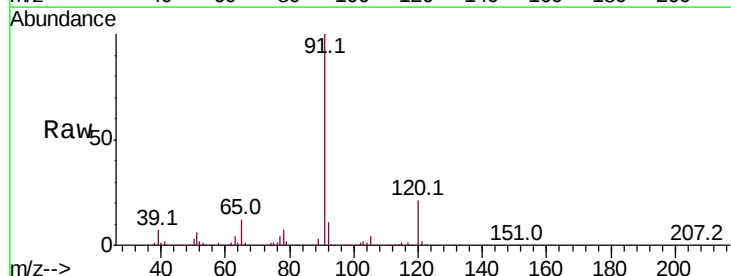
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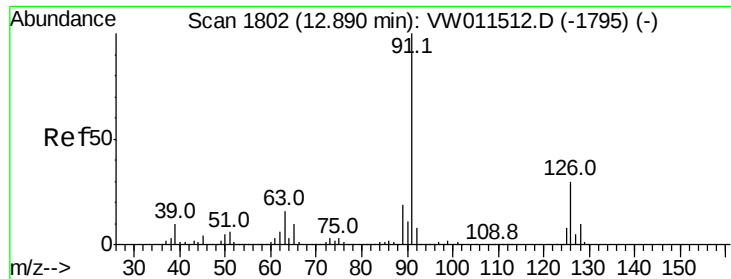
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#78
n-propylbenzene
Concen: 58.663 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.9	32.7





#79

2-Chlorotoluene

Concen: 57.783 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW011508.D

Acq: 26 Jul 2019 10:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 468208

Ion Ratio Lower Upper

91 100

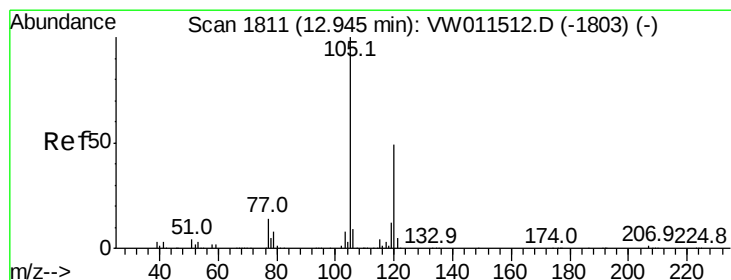
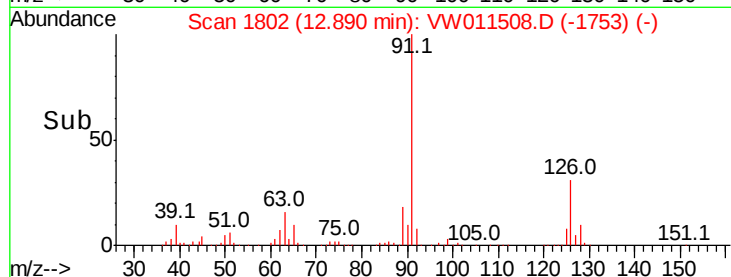
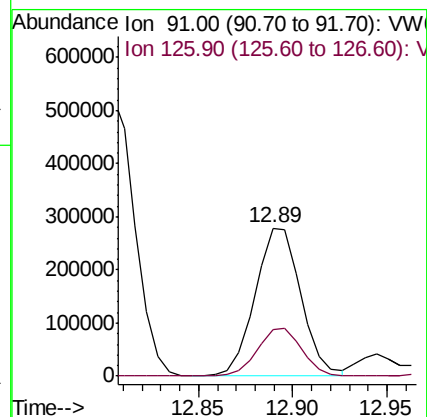
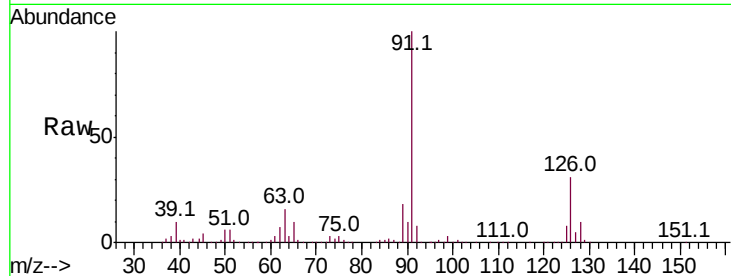
126 31.4 15.7 47.1

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#80

1,3,5-Trimethylbenzene

Concen: 58.215 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011508.D

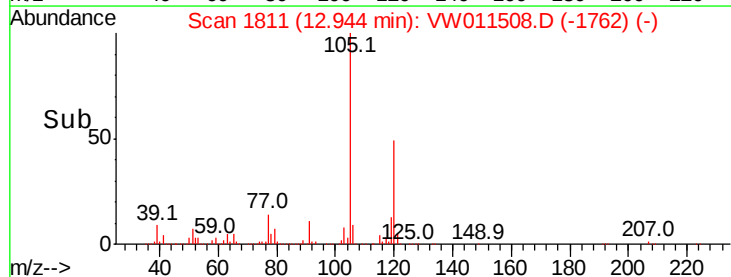
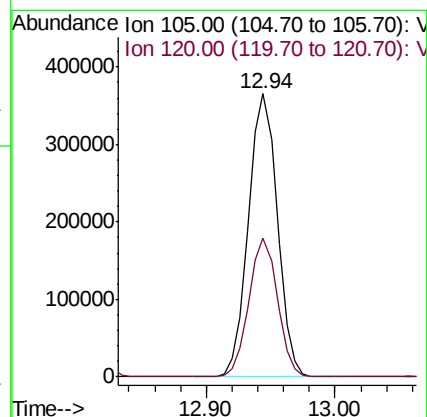
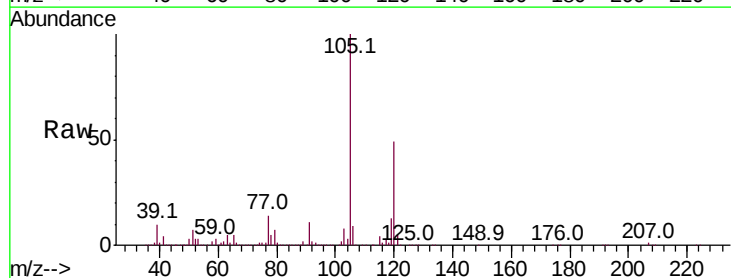
Acq: 26 Jul 2019 10:41

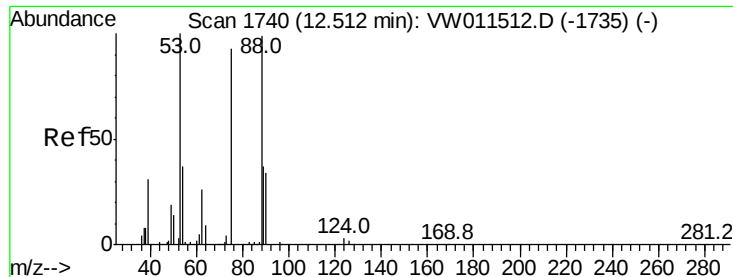
Tgt Ion: 105 Resp: 563968

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.3





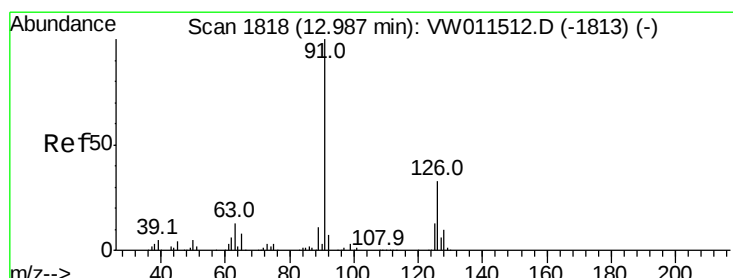
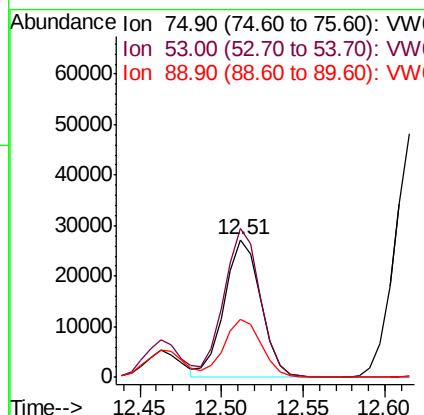
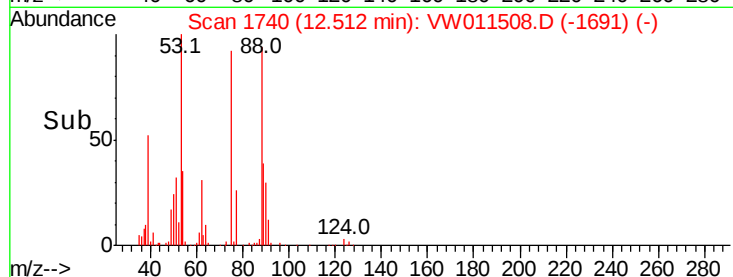
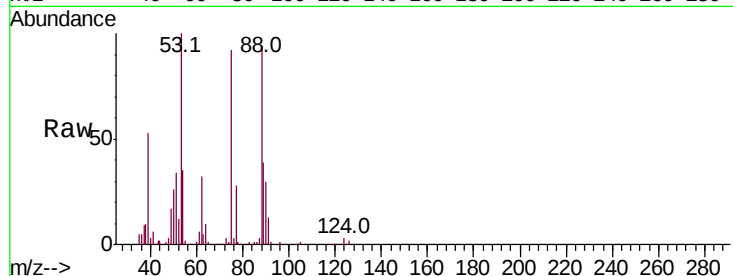
#81
trans-1,4-Dichloro-2-butene
Concen: 59.281 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.8	88.0	132.0
89	43.5	35.3	52.9

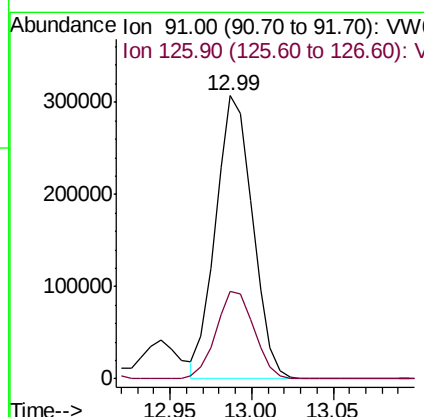
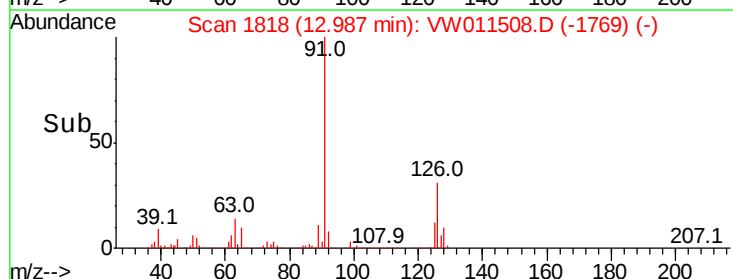
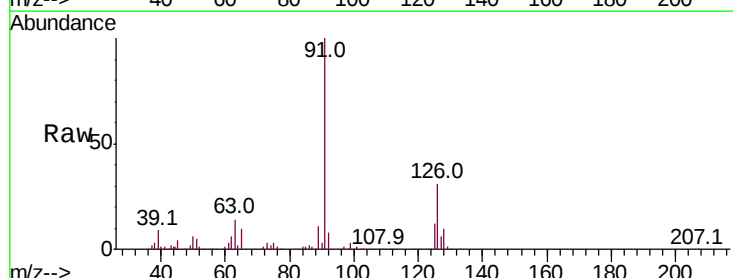
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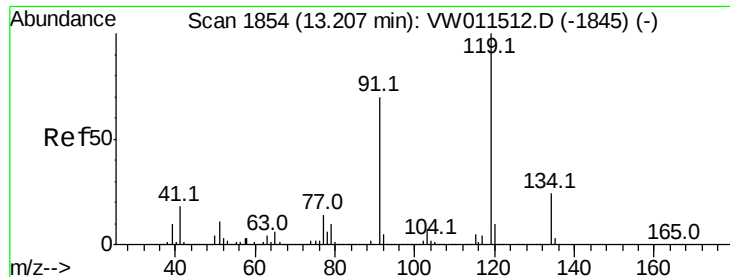
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#82
4-Chlorotoluene
Concen: 56.976 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	15.6	46.8





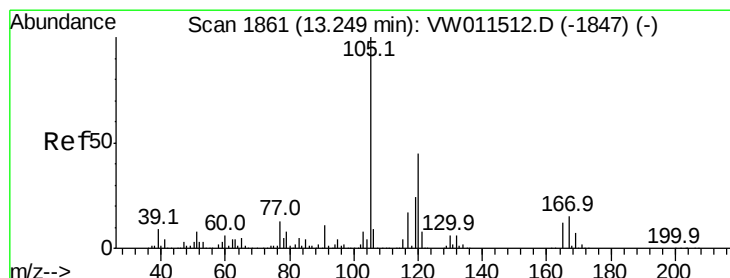
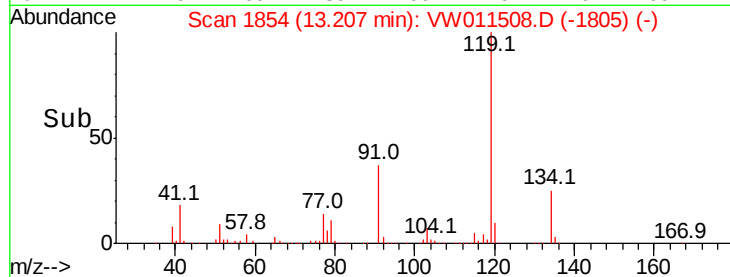
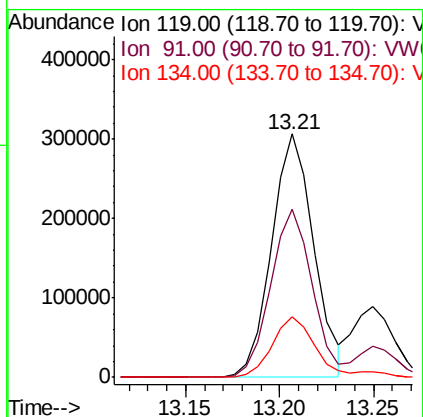
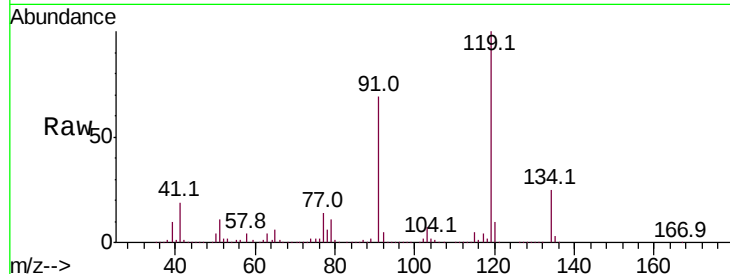
#83
tert-Butylbenzene
Concen: 58.695 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	475511		
91	68.0	34.5	103.6	
134	26.6	12.4	37.4	

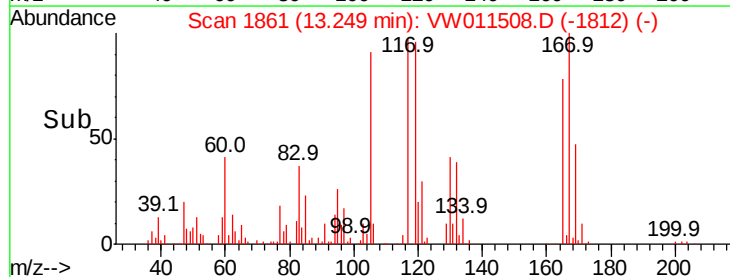
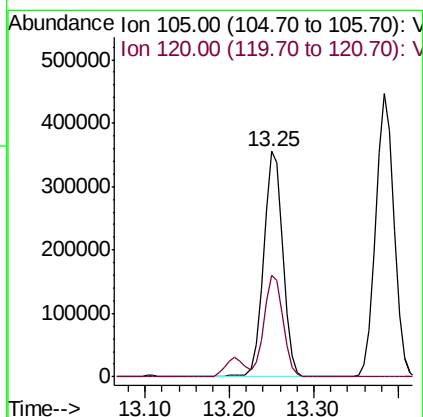
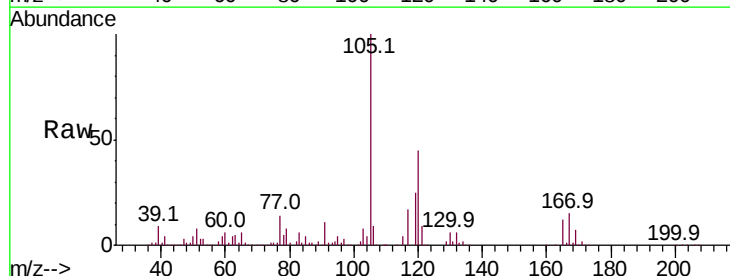
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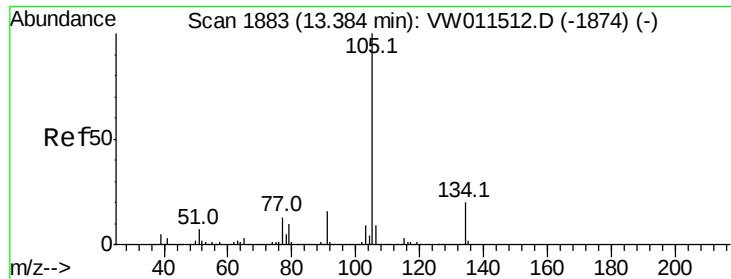
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#84
1,2,4-Trimethylbenzene
Concen: 57.480 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	560952		
120	44.6	22.1	66.5	





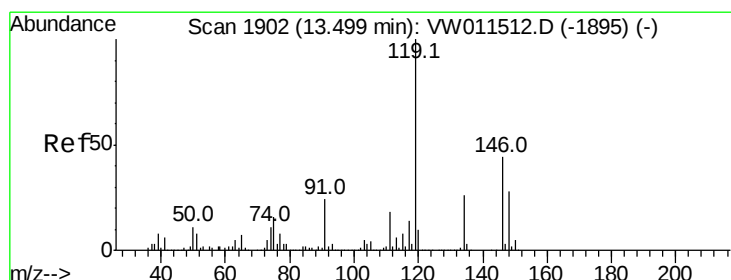
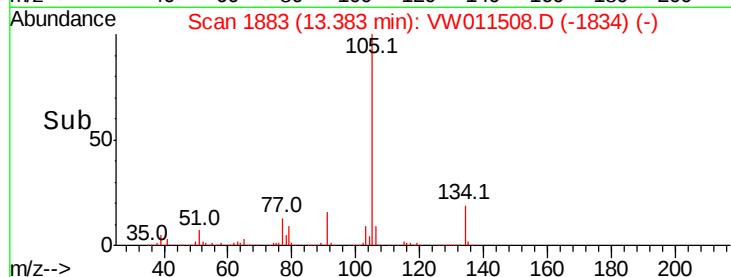
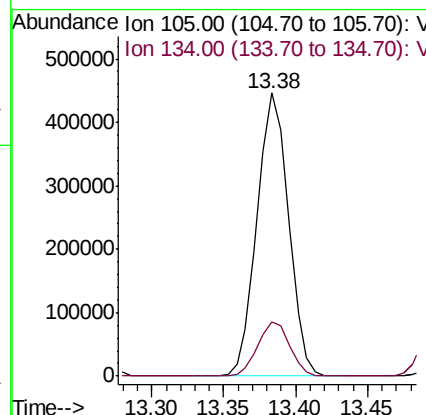
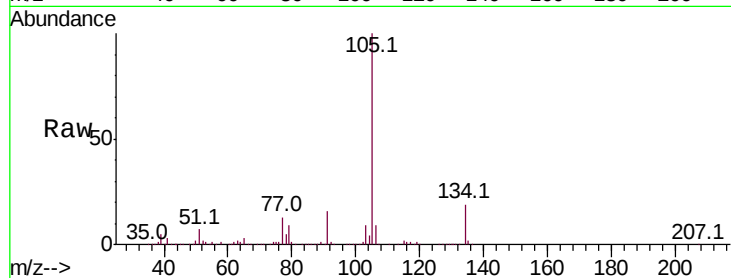
#85
 sec-Butylbenzene
 Concen: 58.473 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.7	29.1

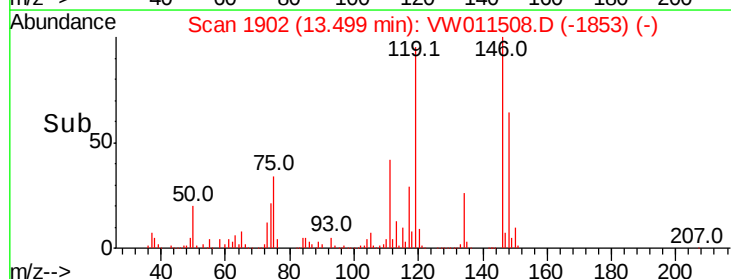
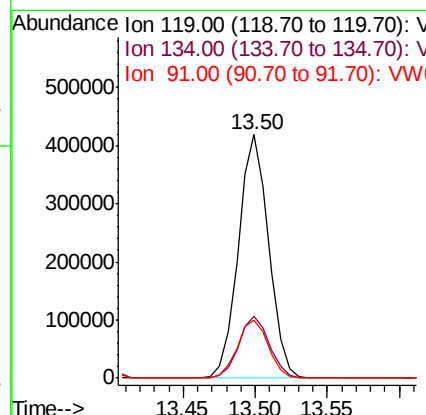
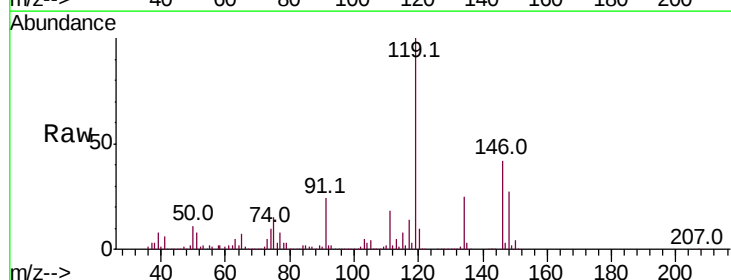
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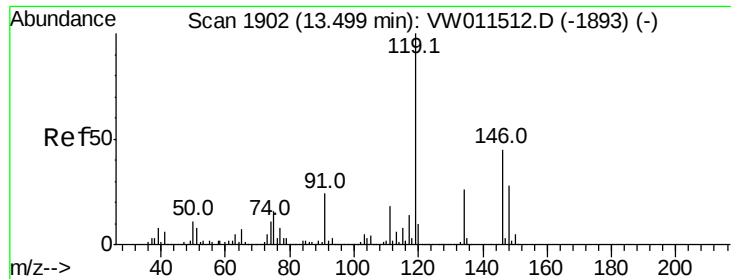
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#86
 p-Isopropyltoluene
 Concen: 58.315 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.8	38.4
91	24.2	12.1	36.3





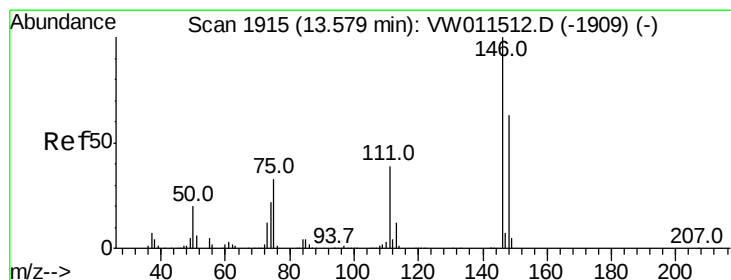
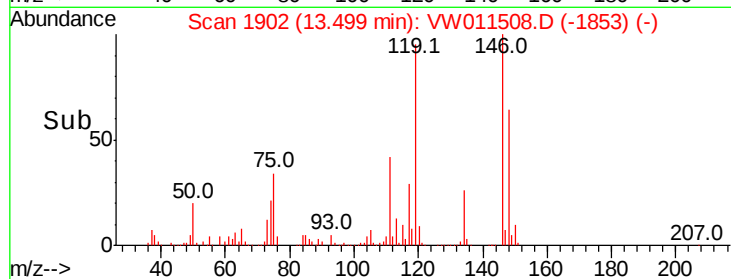
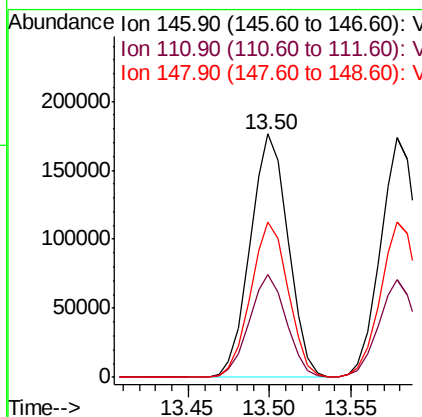
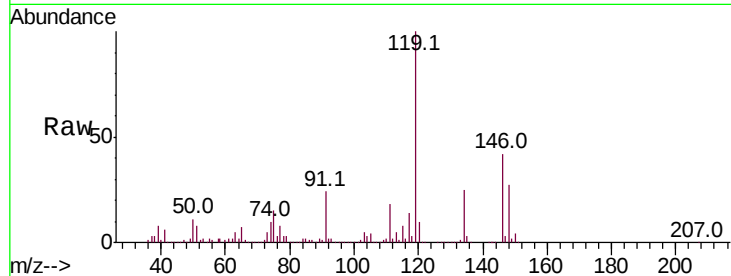
#87
 1,3-Dichlorobenzene
 Concen: 56.980 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	285397		
111	41.3	20.5	61.6	
148	63.3	31.8	95.3	

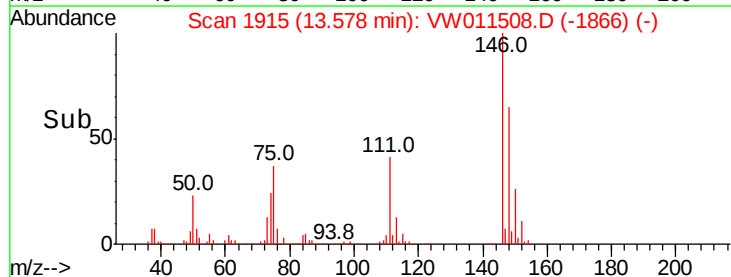
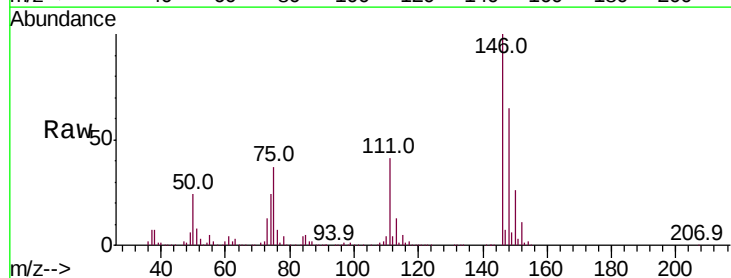
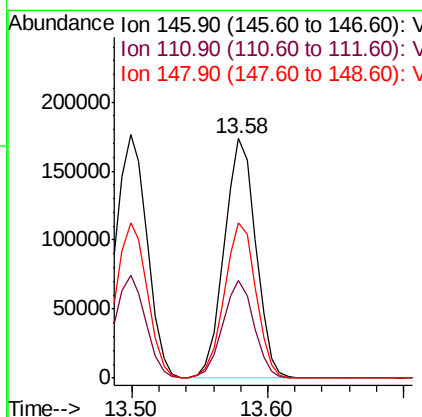
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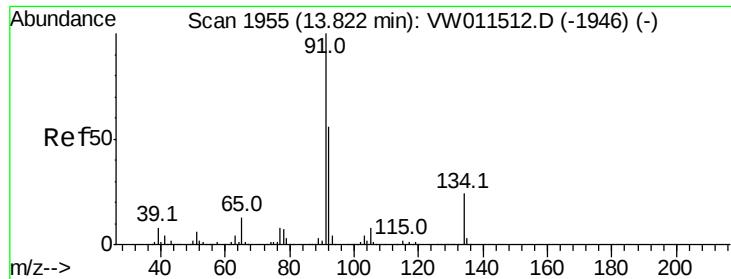
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#88
 1,4-Dichlorobenzene
 Concen: 55.921 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	278626		
111	40.6	20.1	60.2	
148	65.0	31.9	95.9	





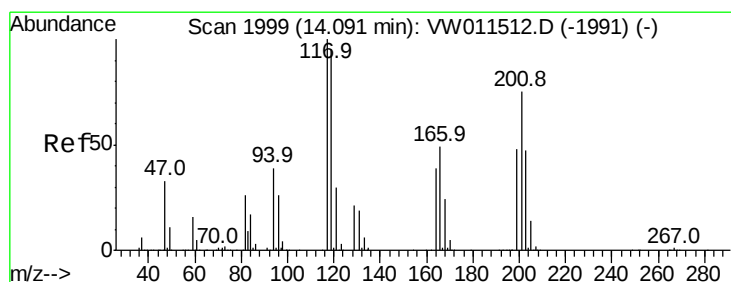
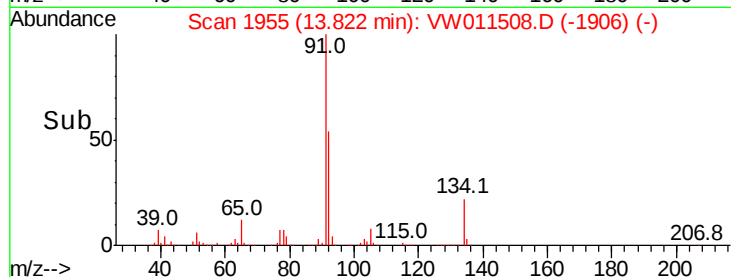
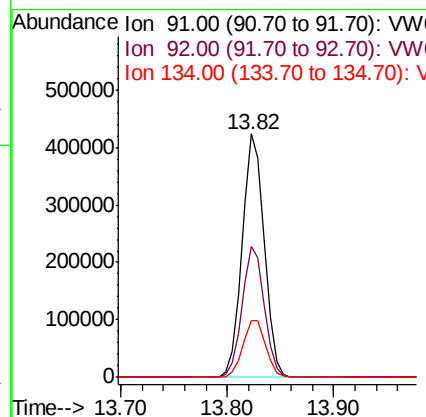
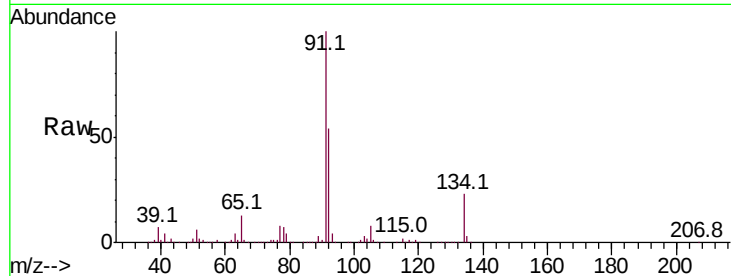
#89
n-Butylbenzene
Concen: 58.919 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.5	82.4
134	24.3	12.2	36.6

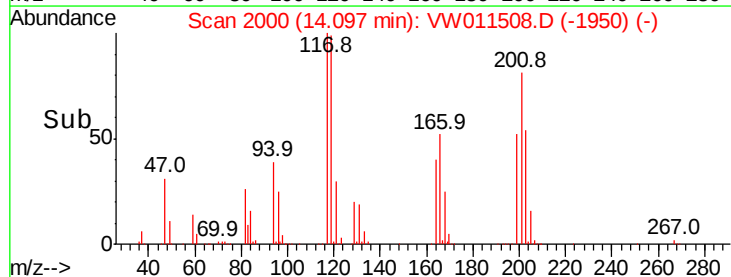
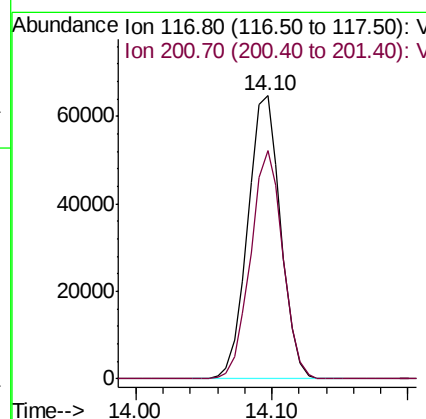
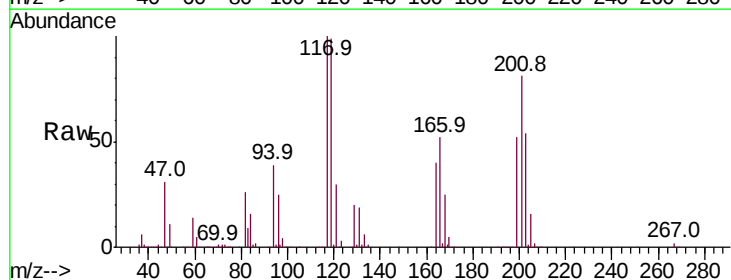
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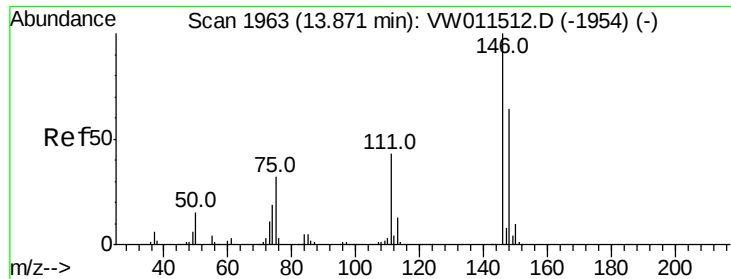
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#90
Hexachloroethane
Concen: 59.006 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.01 min
Lab File: VW011508.D
Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.1	39.4	118.2





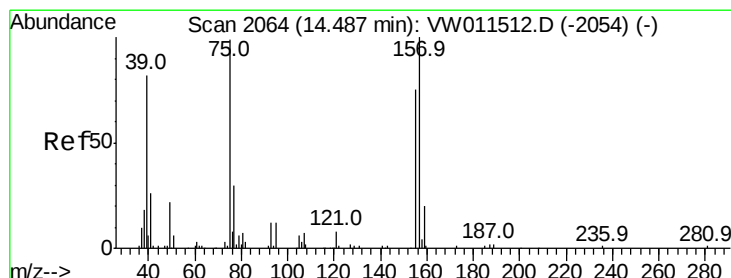
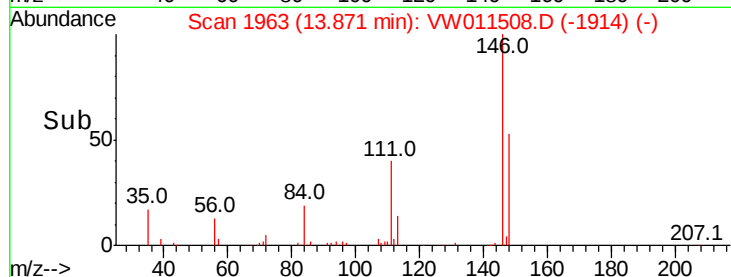
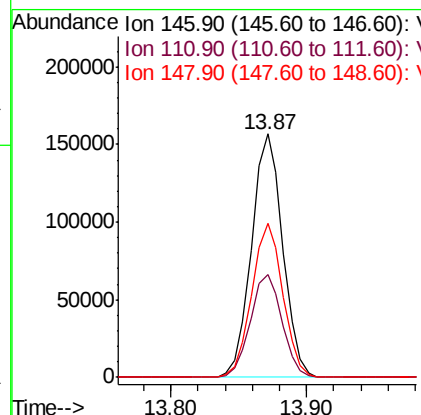
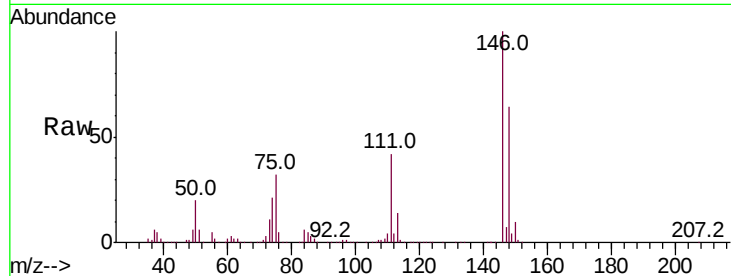
#91
 1,2-Dichlorobenzene
 Concen: 56.859 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	251885		
111	43.0	21.6	65.0	
148	63.4	32.0	96.2	

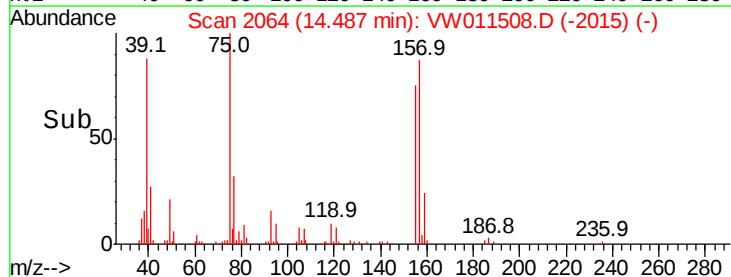
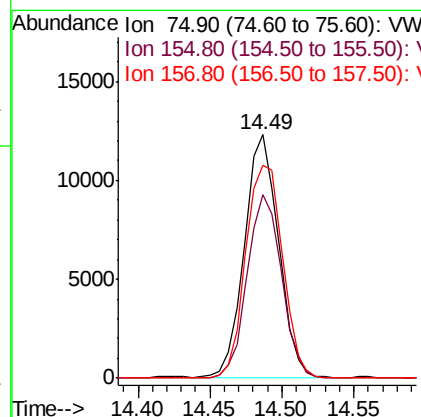
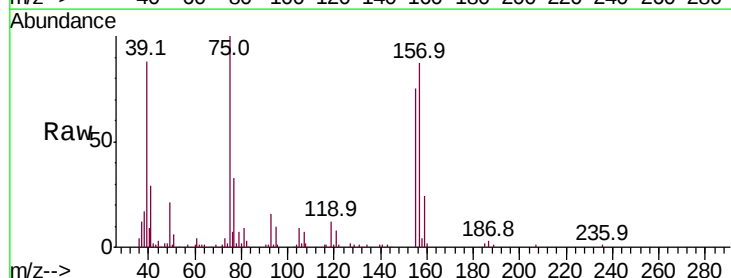
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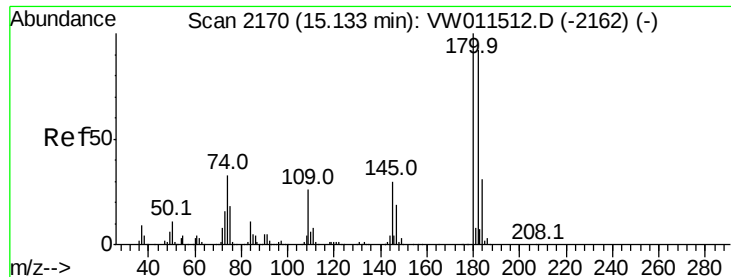
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.890 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20348		
155	75.2	38.2	114.6	
157	93.6	48.9	146.7	





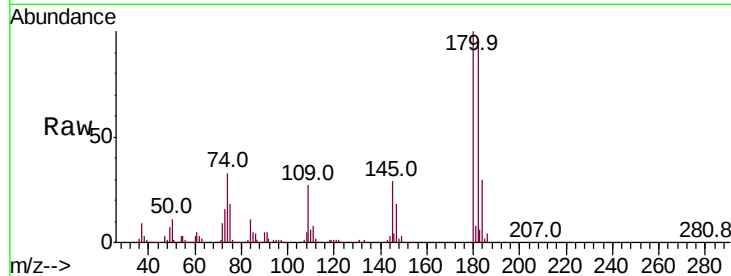
#93
 1,2,4-Trichlorobenzene
 Concen: 57.620 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	179897		
182	94.8	47.4	142.2	
145	29.5	15.4	46.1	

Manual Integrations
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MMDadoda
 7/29/2019 9:17:21 AM

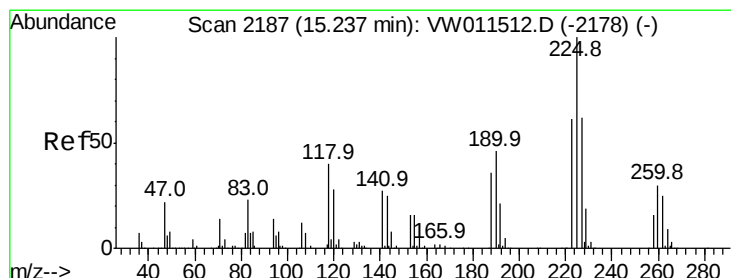
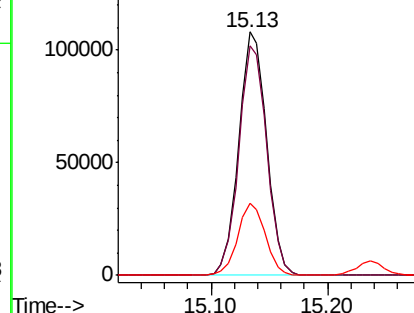
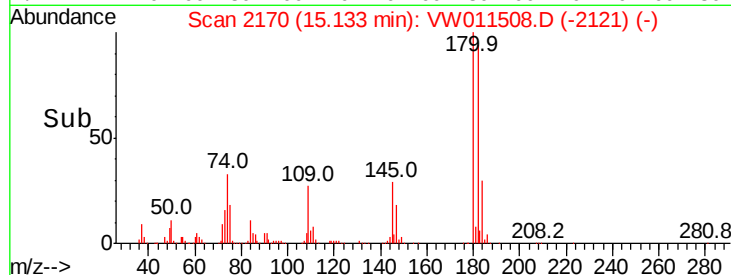


Abundance

Ion 179.80 (179.50 to 180.50): V

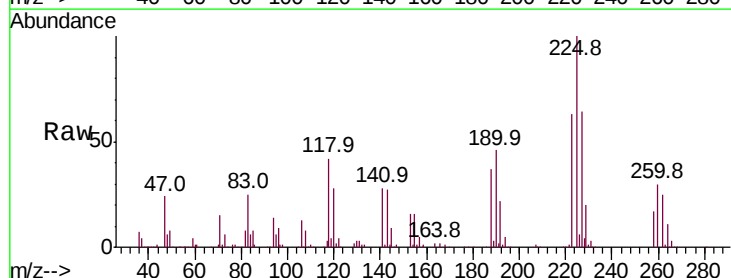
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 57.610 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011508.D
 Acq: 26 Jul 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	112169		
223	62.4	30.8	92.3	
227	62.5	31.6	94.7	

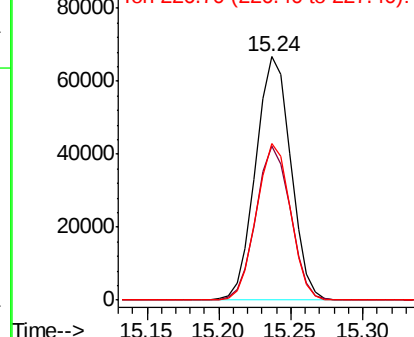
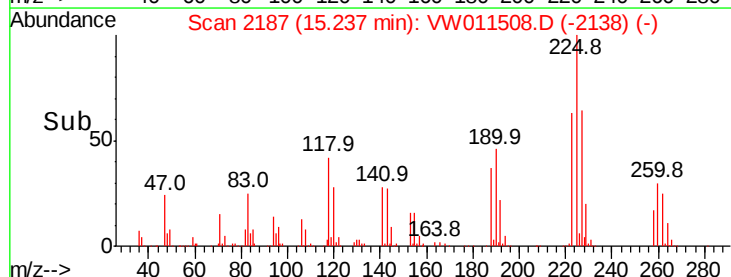


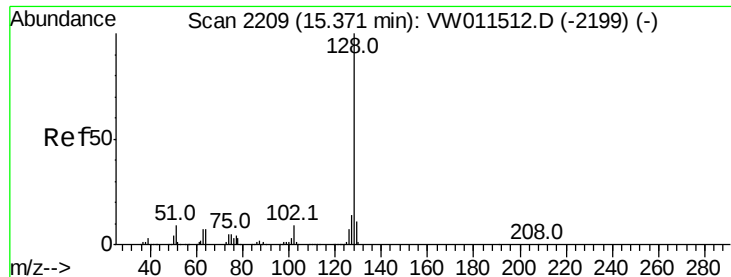
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 52.752 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011508.D

Acq: 26 Jul 2019 10:41

Instrument :

MSVOA_W

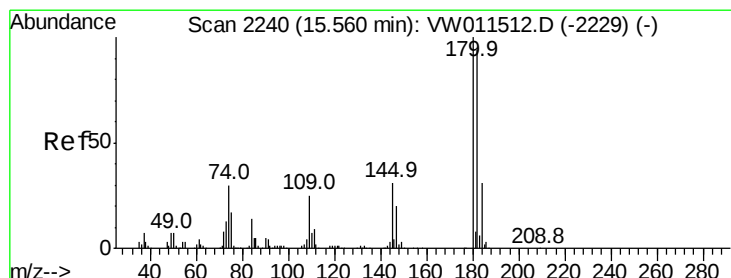
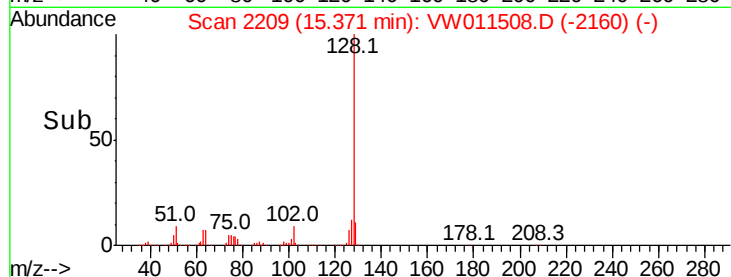
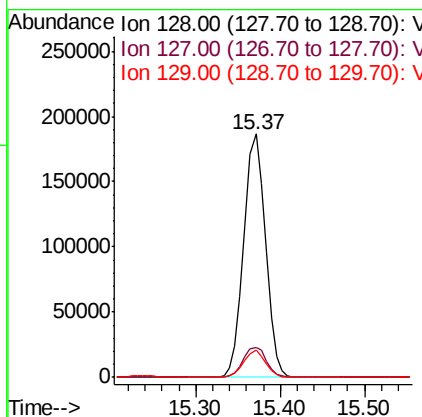
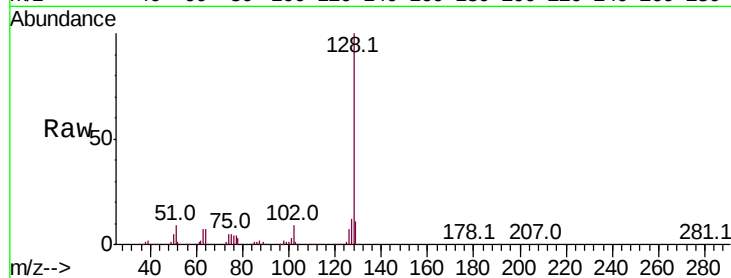
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	323346
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	16.0
129	11.2	8.6	13.0

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 56.086 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW011508.D

Acq: 26 Jul 2019 10:41

Tgt Ion:	180	Resp:	153494
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.4	142.2
145	32.8	15.9	47.7

