

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012609.D
 Acq On : 05 Sep 2019 00:06
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/7/2019 12:46:14 AM

Quant Time: Sep 05 07:34:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	214834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	346563	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	311329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	152756	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	137515	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
35) Dibromofluoromethane	7.88	113	108387	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
50) Toluene-d8	10.32	98	407154	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
62) 4-Bromofluorobenzene	12.62	95	150673	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	58867	44.501	ug/l	100
3) Chloromethane	2.21	50	88291	43.081	ug/l	100
4) Vinyl Chloride	2.36	62	100857	40.208	ug/l	99
5) Bromomethane	2.77	94	61000	48.018	ug/l	97
6) Chloroethane	2.92	64	62724	44.327	ug/l	100
7) Trichlorofluoromethane	3.25	101	59926	47.578	ug/l	99
8) Diethyl Ether	3.68	74	63869	53.422	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	105334	49.199	ug/l	98
10) Methyl Iodide	4.27	142	153492	52.987	ug/l	98
11) Tert butyl alcohol	5.18	59	46237	300.847	ug/l	100
12) 1,1-Dichloroethene	4.04	96	104680	48.578	ug/l	100
13) Acrolein	3.89	56	41774	288.752	ug/l	96
14) Allyl chloride	4.67	41	228414	49.582	ug/l	98
15) Acrylonitrile	5.37	53	167771	283.117	ug/l	99
16) Acetone	4.12	43	152501	233.604	ug/l	96
17) Carbon Disulfide	4.38	76	290178	44.557	ug/l	98
18) Methyl Acetate	4.67	43	91292	56.461	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	208656	59.876	ug/l	100
20) Methylene Chloride	4.91	84	127173	51.531	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	116109	50.246	ug/l	94
22) Diisopropyl ether	6.31	45	466146	54.589	ug/l	99
23) Vinyl Acetate	6.25	43	1467934	279.332	ug/l	99
24) 1,1-Dichloroethane	6.21	63	249105	53.577	ug/l	100
25) 2-Butanone	7.17	43	229868	259.122	ug/l	96
26) 2,2-Dichloropropane	7.16	77	132830	50.474	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	133983	54.269	ug/l	100
28) Bromochloromethane	7.51	49	111051	54.801	ug/l	94
29) Tetrahydrofuran	7.52	42	149545	280.981	ug/l	97
30) Chloroform	7.67	83	238453	56.057	ug/l	97
31) Cyclohexane	7.95	56	195113	42.416	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	186664	55.471	ug/l	99
36) 1,1-Dichloropropene	8.08	75	177436	49.545	ug/l	100
37) Ethyl Acetate	7.25	43	106105	54.066	ug/l	99
38) Carbon Tetrachloride	8.07	117	165558	53.411	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	187578	46.622	ug/l	99
40) Benzene	8.32	78	502843	51.420	ug/l	100
41) Methacrylonitrile	7.48	41	66124	57.328	ug/l	99
42) 1,2-Dichloroethane	8.40	62	180052	58.747	ug/l	99
43) Isopropyl Acetate	8.42	43	202842	55.799	ug/l	99
44) Trichloroethene	9.09	130	125121	52.633	ug/l	96
45) 1,2-Dichloropropane	9.37	63	139879	53.149	ug/l	98
46) Dibromomethane	9.46	93	65734	56.136	ug/l	98
47) Bromodichloromethane	9.64	83	180165	57.810	ug/l	99
48) Methyl methacrylate	9.43	41	97262	56.215	ug/l	95
49) 1,4-Dioxane	9.45	88	20927	1167.382	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	527111	285.083	ug/l	100
52) Toluene	10.39	92	310153	52.794	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	180669	56.912	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	209496	54.655	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	94501	57.039	ug/l	96
56) Ethyl methacrylate	10.65	69	138518	57.445	ug/l	99
57) 1,3-Dichloropropane	10.93	76	175330	56.000	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	346427	279.932	ug/l	99
59) 2-Hexanone	10.97	43	353996	270.584	ug/l	99
60) Dibromochloromethane	11.13	129	110824	60.055	ug/l	100
61) 1,2-Dibromoethane	11.23	107	89234	57.812	ug/l	97
64) Tetrachloroethene	10.86	164	105565	52.300	ug/l	99
65) Chlorobenzene	11.66	112	320002	52.200	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	121123	56.636	ug/l	98
67) Ethyl Benzene	11.73	91	610280	51.679	ug/l	99
68) m/p-Xylenes	11.83	106	436556	102.628	ug/l	99
69) o-Xylene	12.16	106	207192	52.627	ug/l	98
70) Styrene	12.18	104	370917	54.430	ug/l	99
71) Bromoform	12.35	173	63011	59.136	ug/l #	97
73) Isopropylbenzene	12.46	105	583279	50.958	ug/l	99
74) N-amyl acetate	12.27	43	183282	52.999	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	111766	53.262	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	75966m	51.062	ug/l	
77) Bromobenzene	12.74	156	132419	53.475	ug/l	97
78) n-propylbenzene	12.80	91	700887	50.158	ug/l	99
79) 2-Chlorotoluene	12.89	91	410329	51.722	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	499767	52.253	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	35762	52.704	ug/l	100
82) 4-Chlorotoluene	12.99	91	430189	51.787	ug/l	99
83) tert-Butylbenzene	13.21	119	427444	52.759	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	497324	51.763	ug/l	99
85) sec-Butylbenzene	13.38	105	587245	50.592	ug/l	100
86) p-Isopropyltoluene	13.50	119	531151	51.239	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	253541	52.347	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	249051	51.786	ug/l	100
89) n-Butylbenzene	13.82	91	508466	49.325	ug/l	99
90) Hexachloroethane	14.09	117	95369	52.438	ug/l	91
91) 1,2-Dichlorobenzene	13.87	146	231732	54.538	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20137	56.922	ug/l	97

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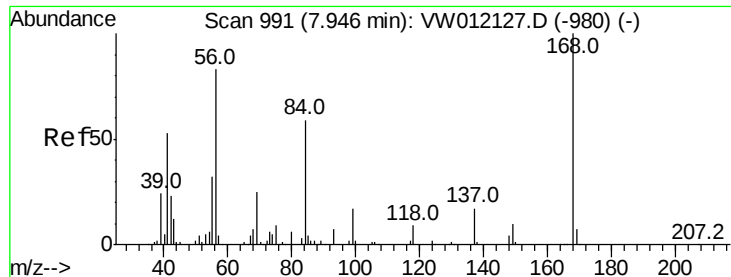
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	157521	53.646	ug/l	100
94) Hexachlorobutadiene	15.24	225	105552	54.441	ug/l	98
95) Naphthalene	15.36	128	302699	52.316	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	144307	56.329	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: VW012609.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 214834

Ion Ratio Lower Upper

168 100

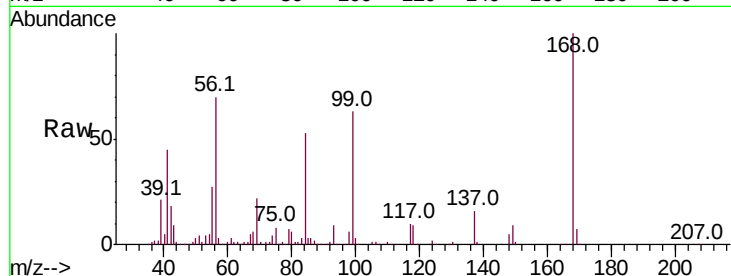
99 62.8 49.2 73.8

Manual Integrations

APPROVED

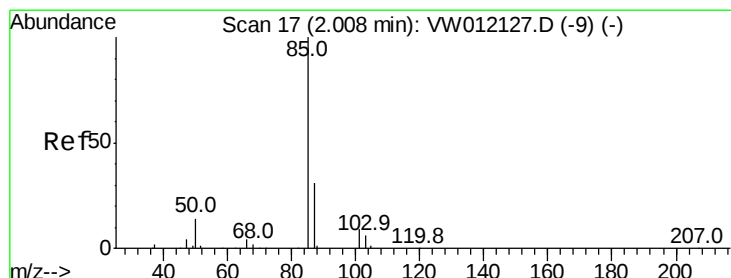
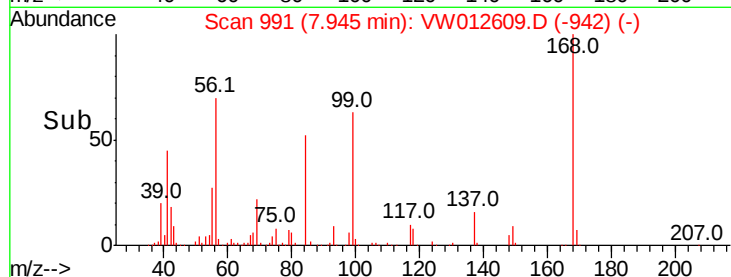
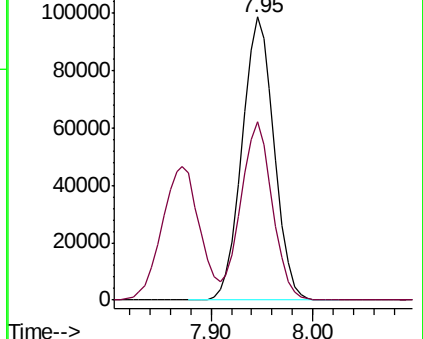
MMDadoda

9/7/2019 12:46:14 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 44.501 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012609.D

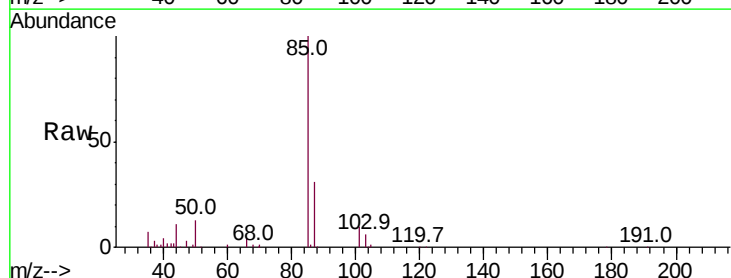
Acq: 05 Sep 2019 00:06

Tgt Ion: 85 Resp: 58867

Ion Ratio Lower Upper

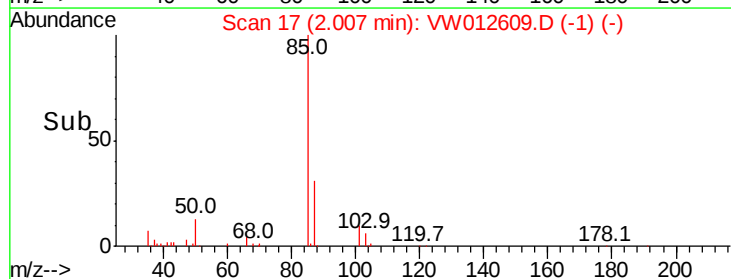
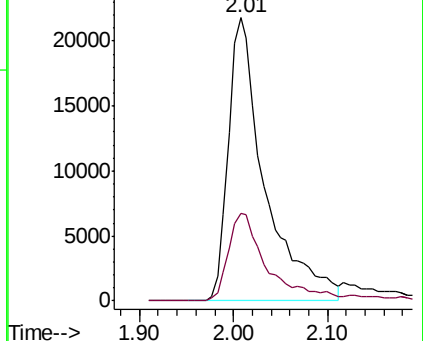
85 100

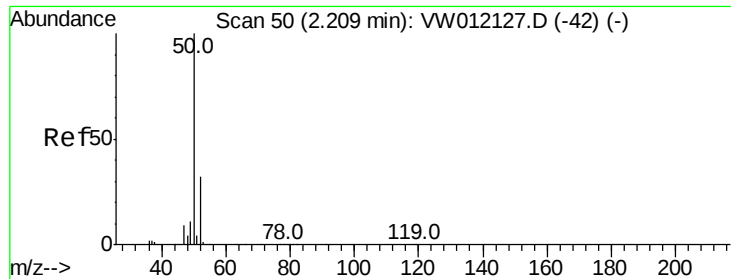
87 31.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 43.081 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 88291

Ion Ratio Lower Upper

50 100

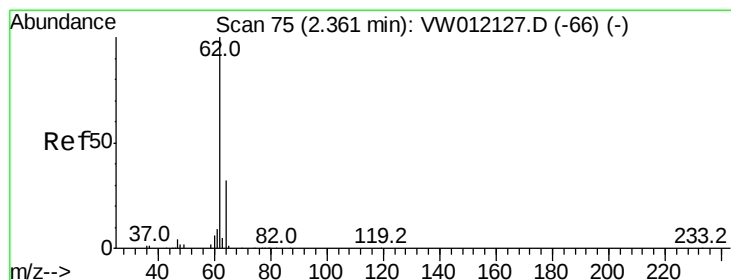
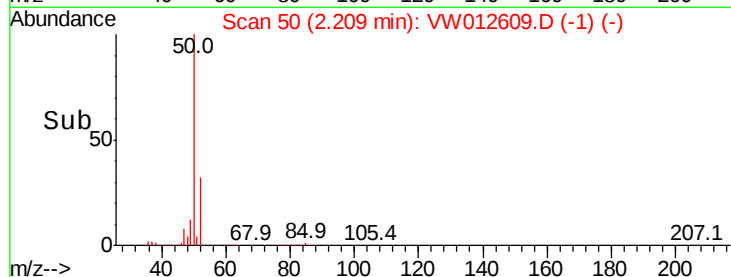
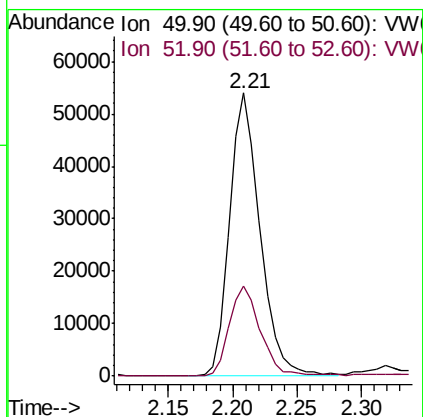
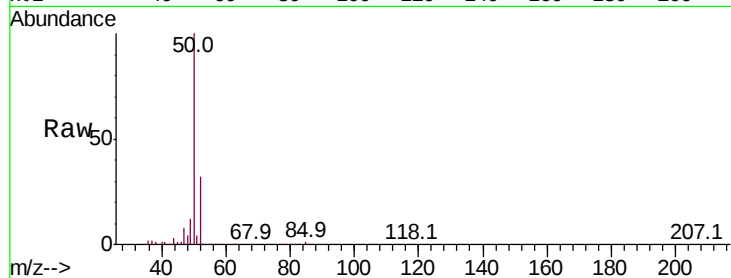
52 31.9 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 40.208 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012609.D

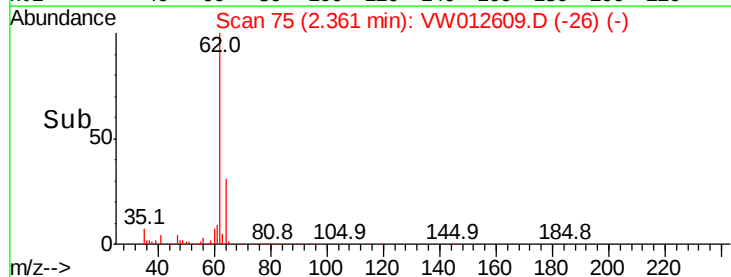
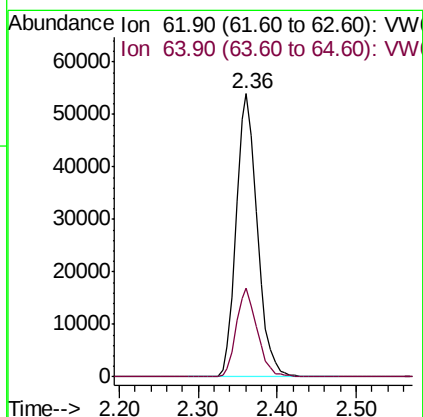
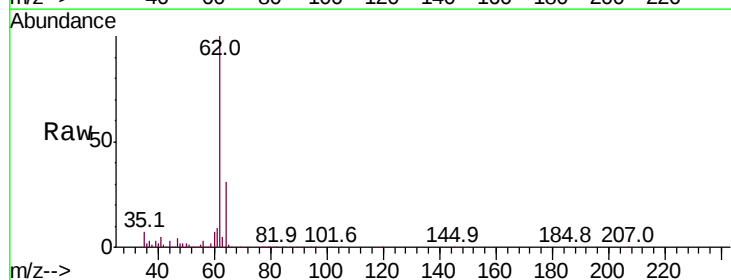
Acq: 05 Sep 2019 00:06

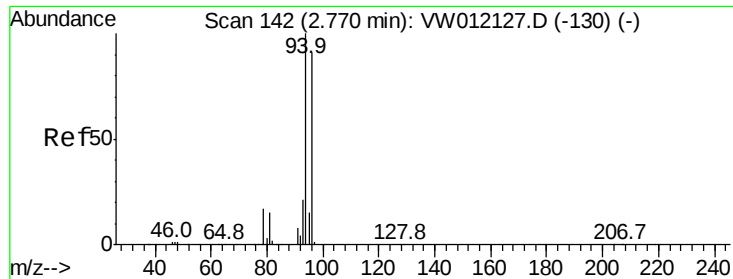
Tgt Ion: 62 Resp: 100857

Ion Ratio Lower Upper

62 100

64 31.3 25.3 37.9





#5

Bromomethane

Concen: 48.018 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 61000

Ion Ratio Lower Upper

94 100

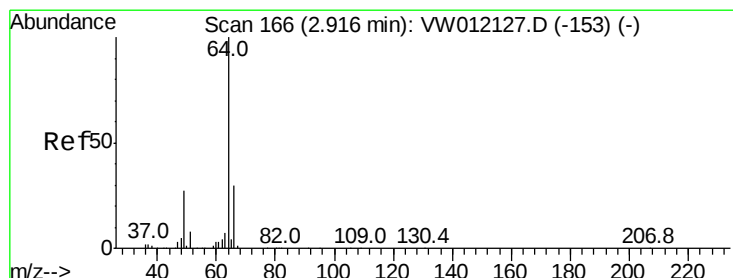
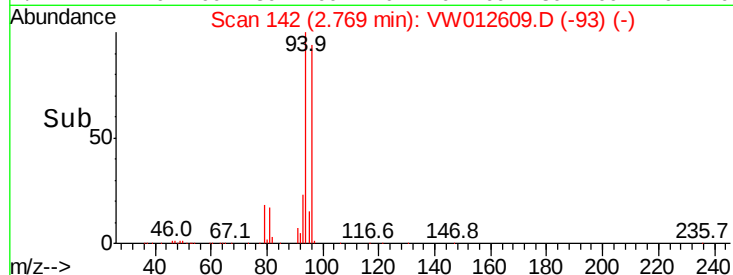
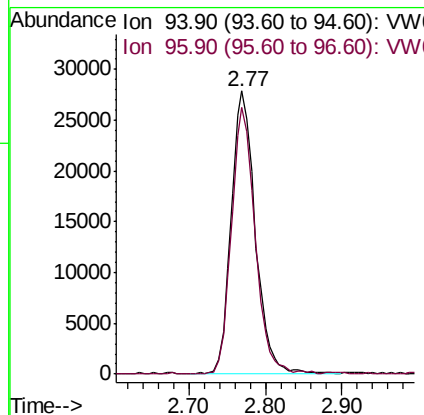
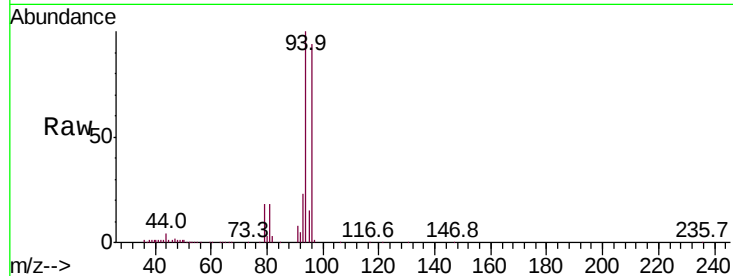
96 93.9 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 44.327 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012609.D

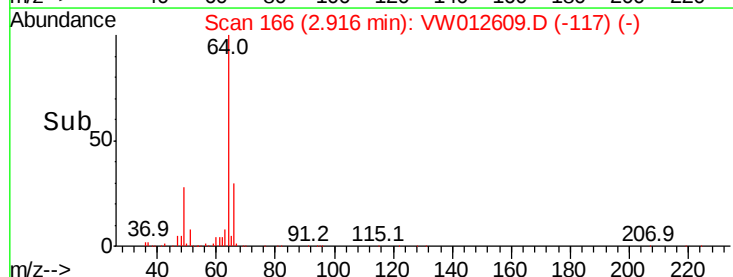
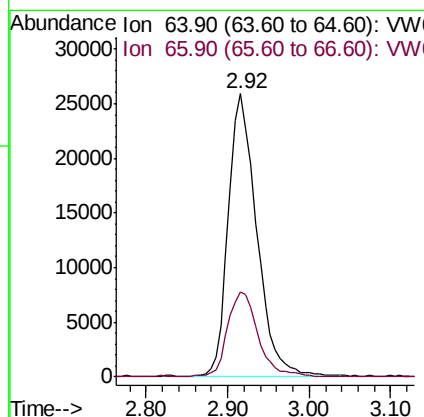
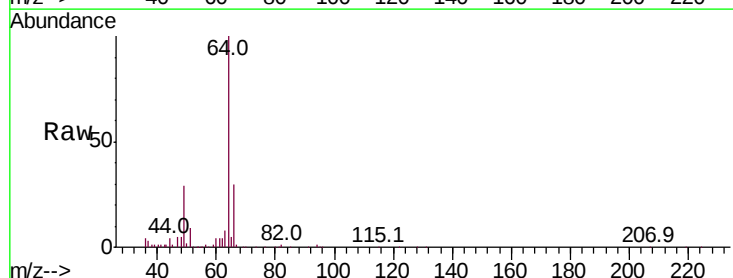
Acq: 05 Sep 2019 00:06

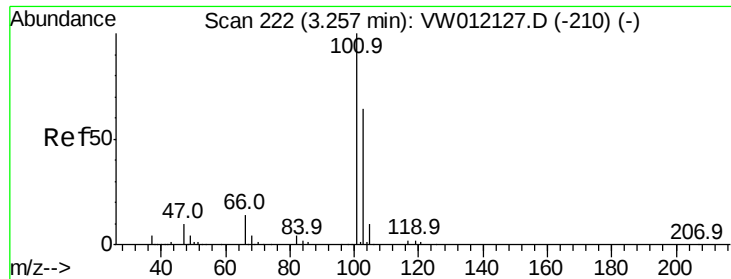
Tgt Ion: 64 Resp: 62724

Ion Ratio Lower Upper

64 100

66 30.0 23.8 35.8





#7

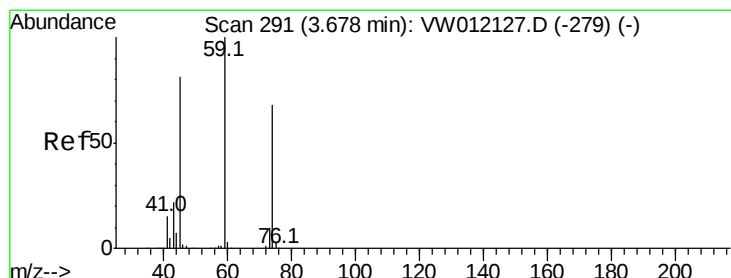
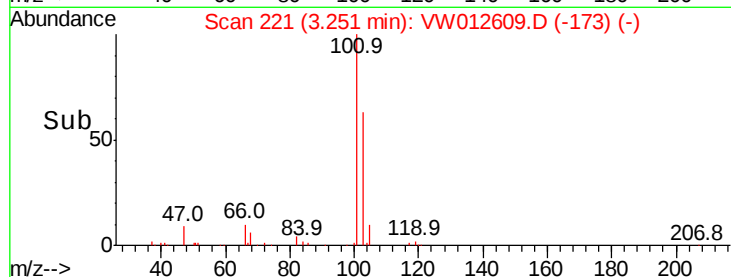
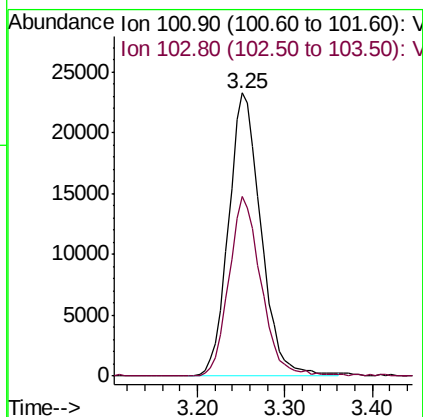
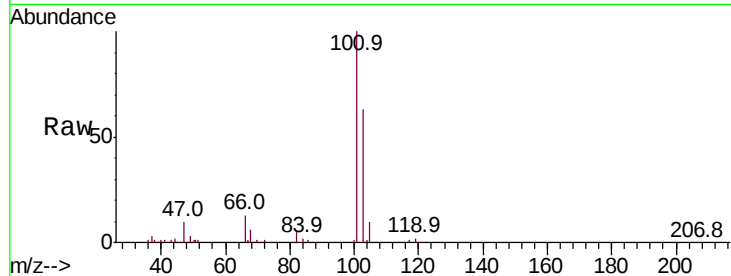
Trichlorofluoromethane
Concen: 47.578 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	51.2	76.8

Manual Integrations
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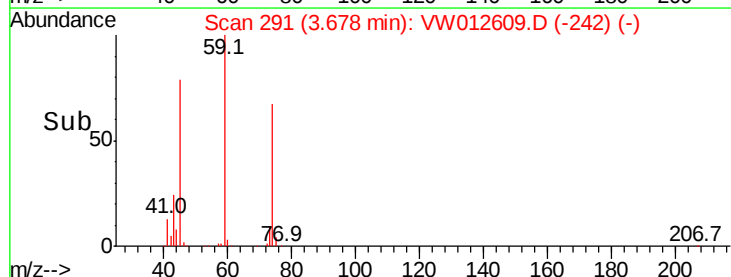
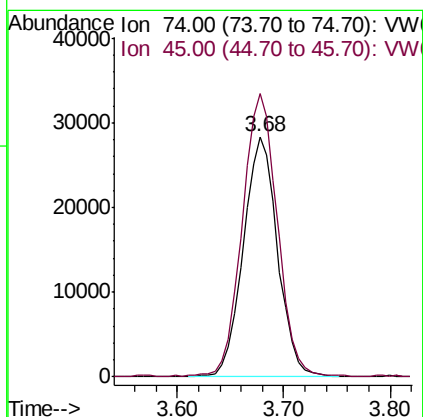
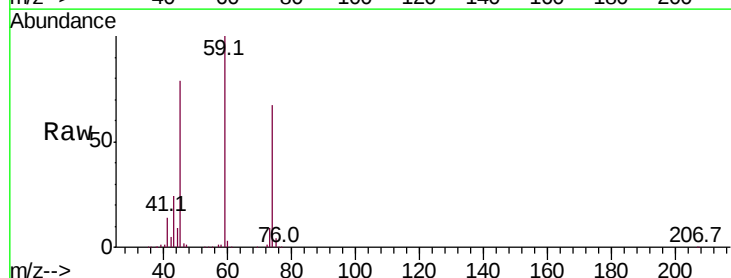
MMDadoda
9/7/2019 12:46:14 AM

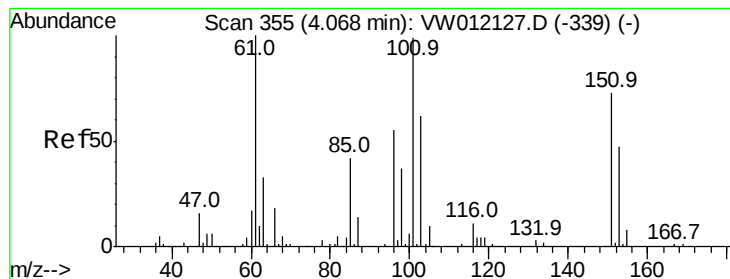


#8

Diethyl Ether
Concen: 53.422 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	121.0	59.2	177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.199 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_W

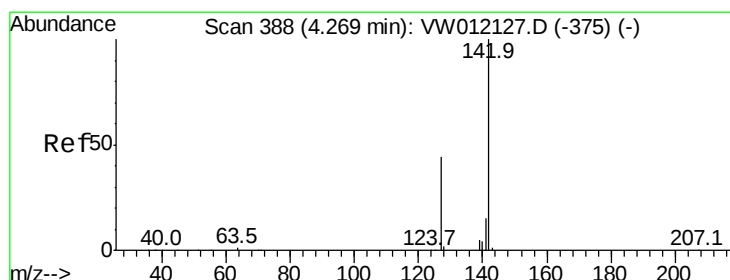
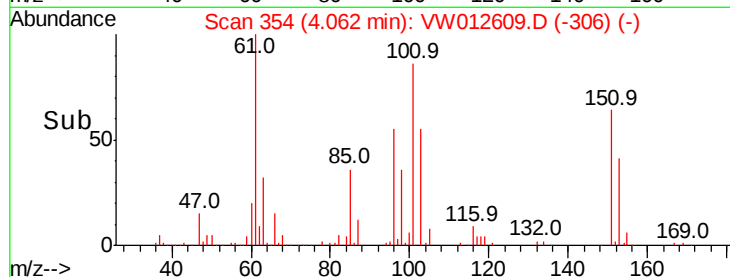
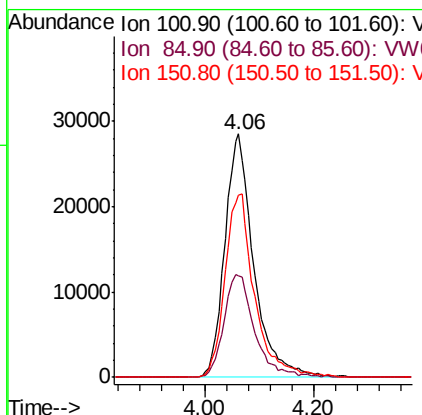
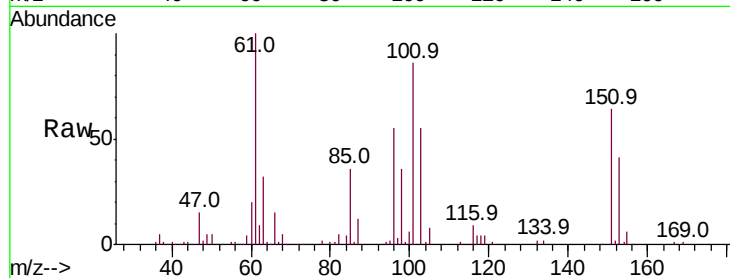
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	105334
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.8	53.6
151	75.9	58.6	87.8

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#10

Methyl Iodide

Concen: 52.987 ug/l

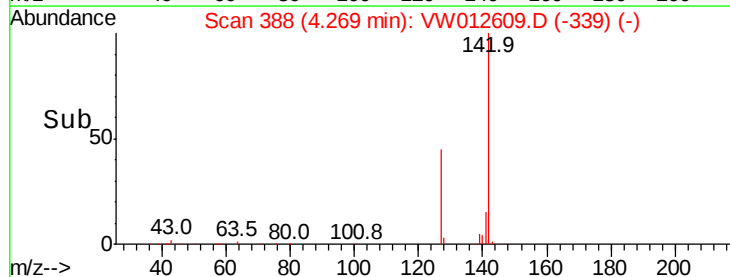
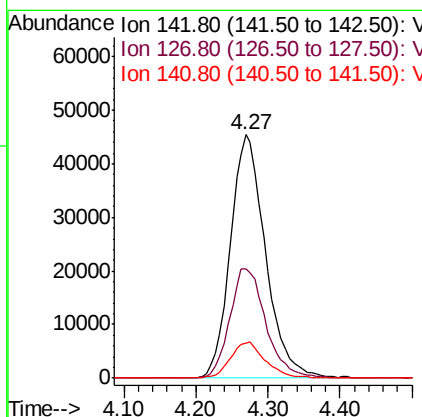
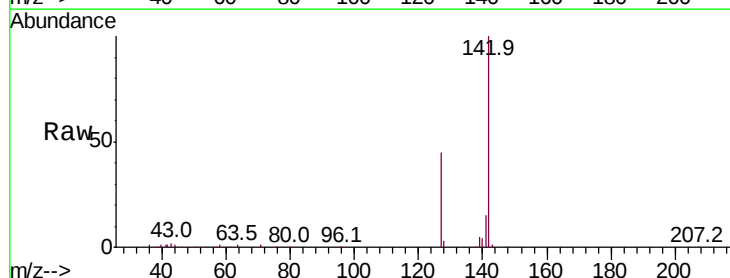
RT: 4.27 min Scan# 388

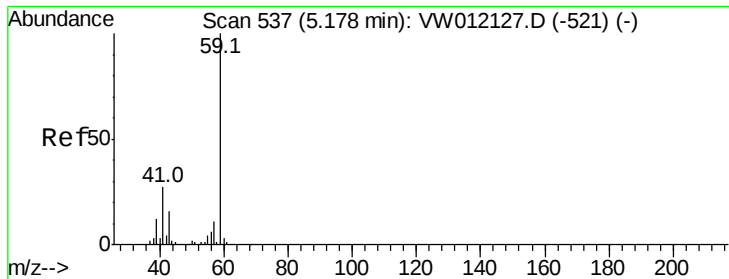
Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Tgt Ion:	142	Resp:	153492
Ion Ratio	Lower	Upper	
142	100		
127	46.5	35.5	53.3
141	14.9	11.8	17.8





#11

Tert butyl alcohol

Concen: 300.847 ug/l

RT: 5.18 min Scan# 537

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

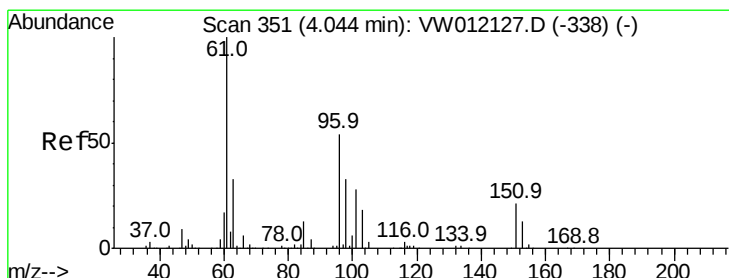
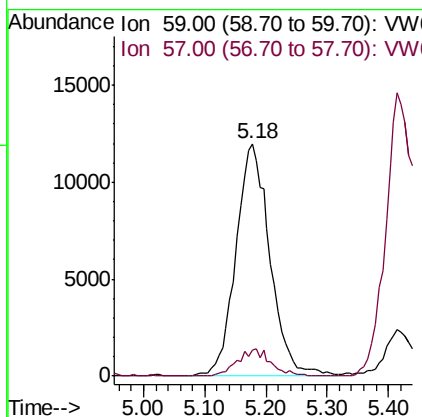
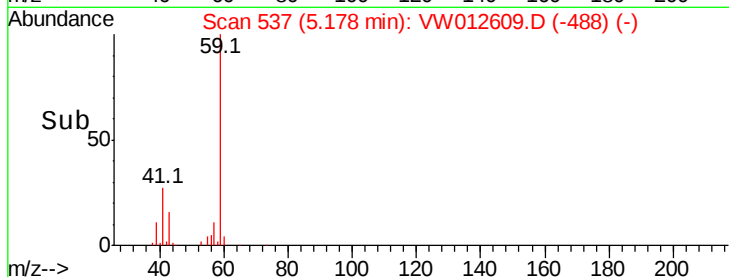
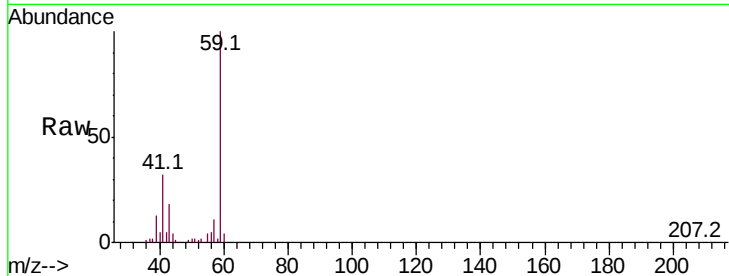
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	9.0	13.4

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#12

1,1-Dichloroethene

Concen: 48.578 ug/l

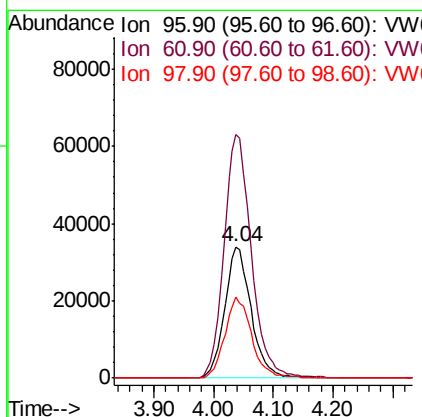
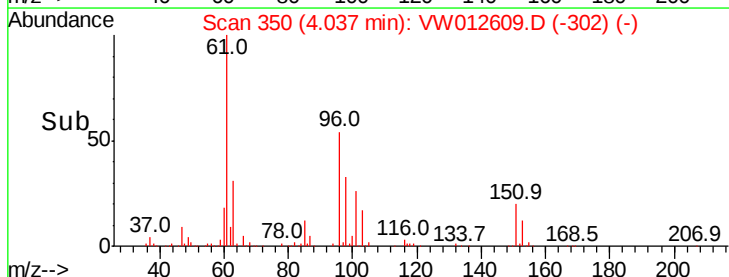
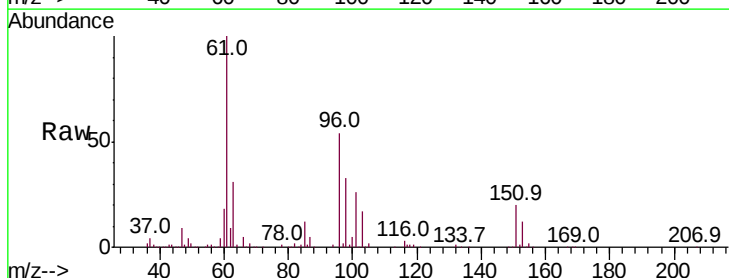
RT: 4.04 min Scan# 350

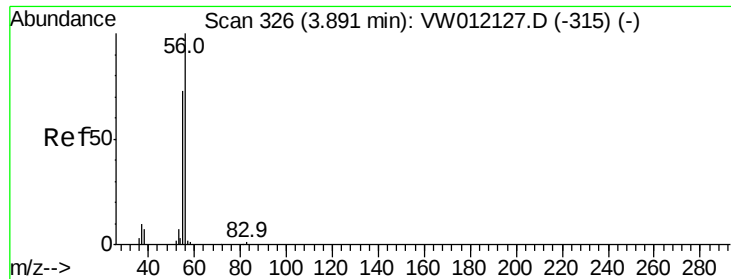
Delta R.T. -0.01 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	185.7	149.1	223.7
98	61.4	49.4	74.2





#13

Acrolein

Concen: 288.752 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 41774

Ion Ratio Lower Upper

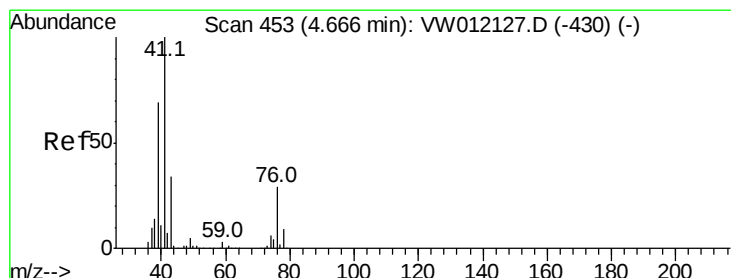
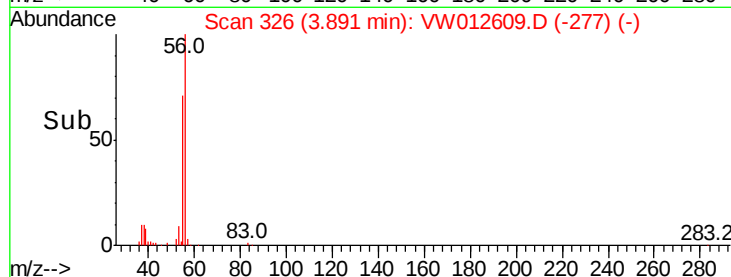
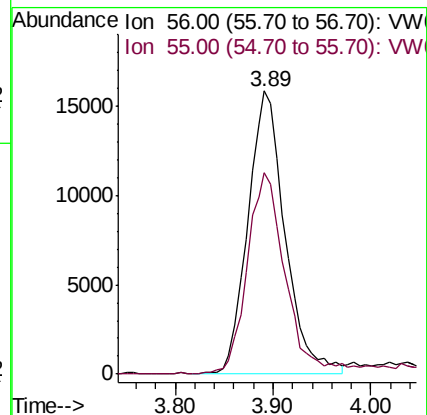
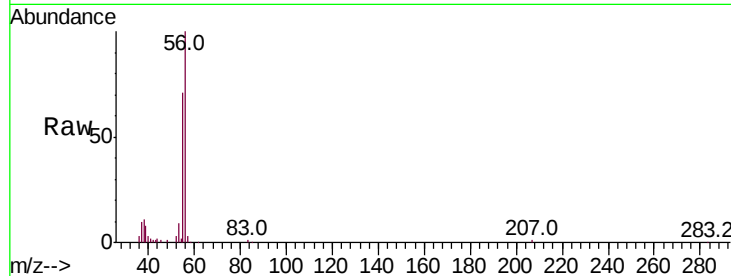
56 100

55 73.2 55.8 83.8

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#14

Allyl chloride

Concen: 49.582 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

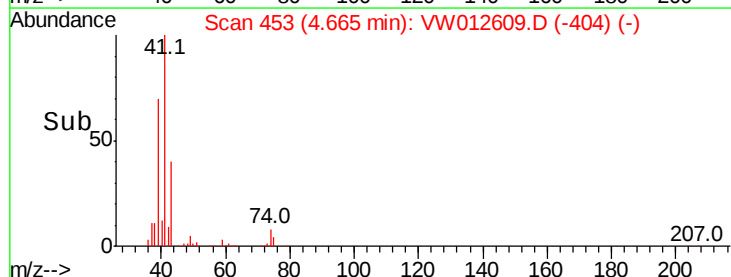
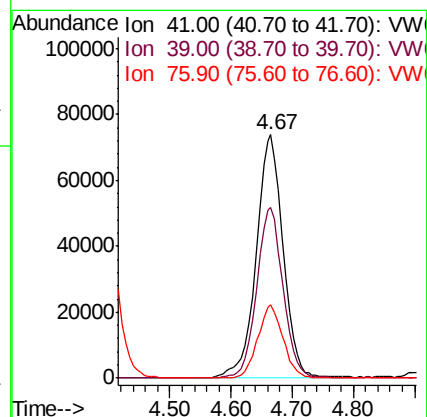
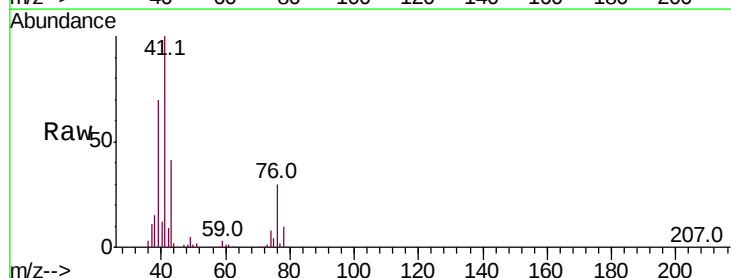
Tgt Ion: 41 Resp: 228414

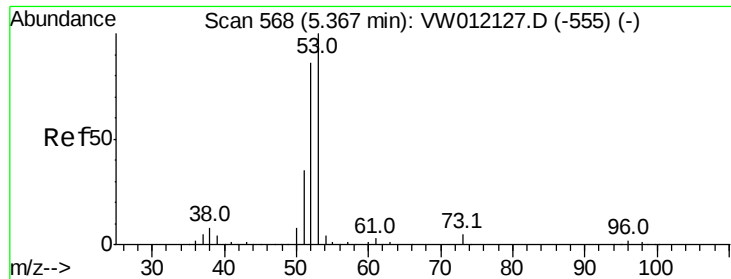
Ion Ratio Lower Upper

41 100

39 68.4 53.4 80.2

76 28.2 22.1 33.1





#15

Acrylonitrile

Concen: 283.117 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_W

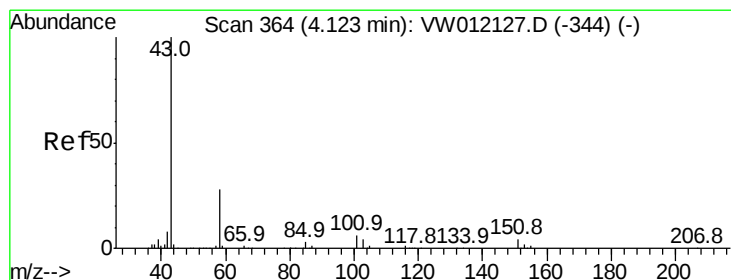
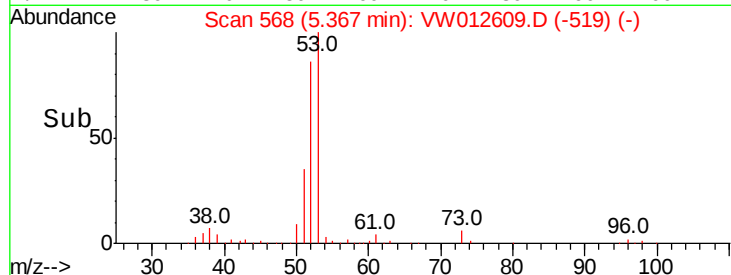
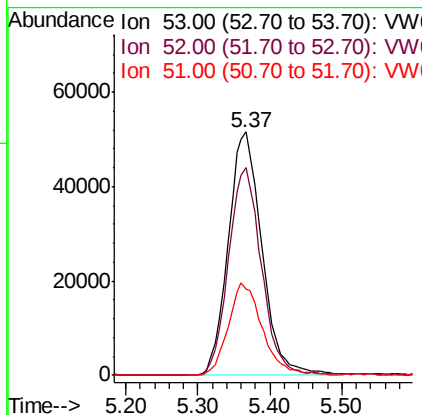
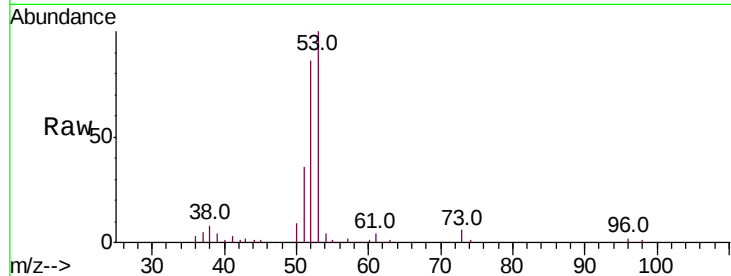
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	167771
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.7	100.1
51	38.6	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 233.604 ug/l

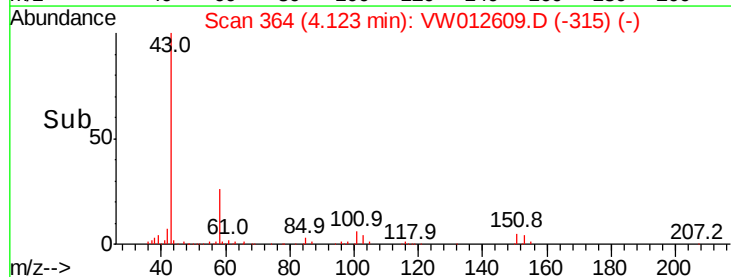
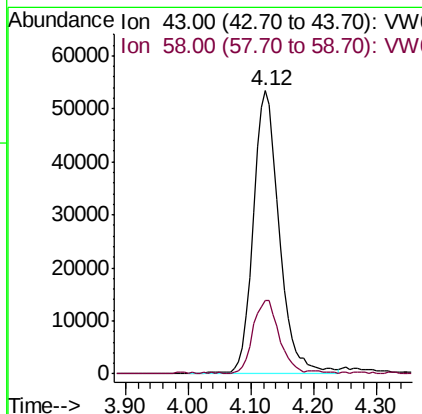
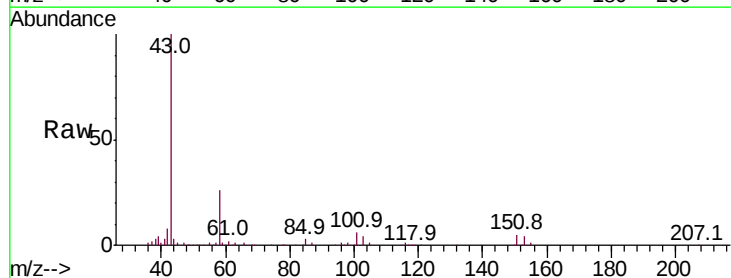
RT: 4.12 min Scan# 364

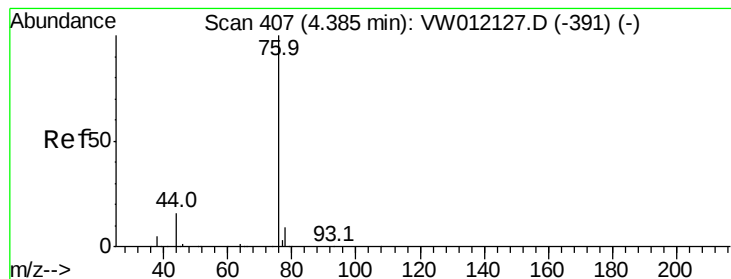
Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Tgt Ion:	43	Resp:	152501
Ion	Ratio	Lower	Upper
43	100		
58	25.8	22.4	33.6





#17

Carbon Disulfide

Concen: 44.557 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 290178

Ion Ratio Lower Upper

76 100

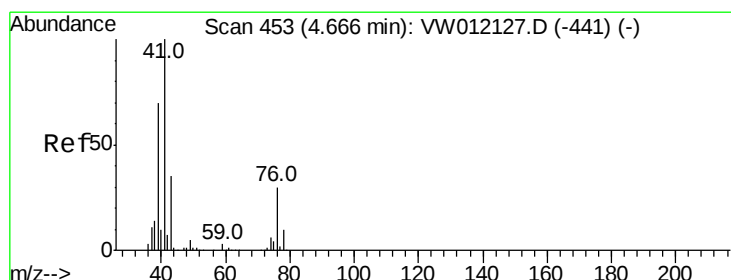
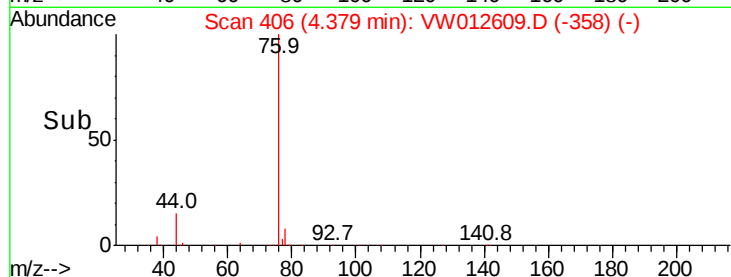
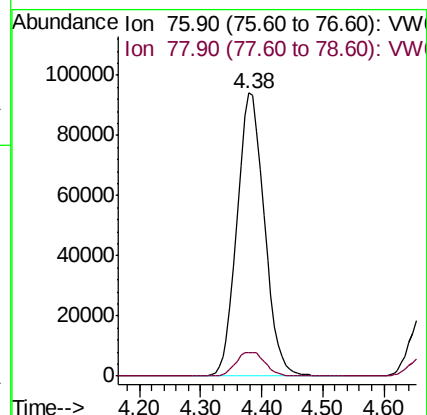
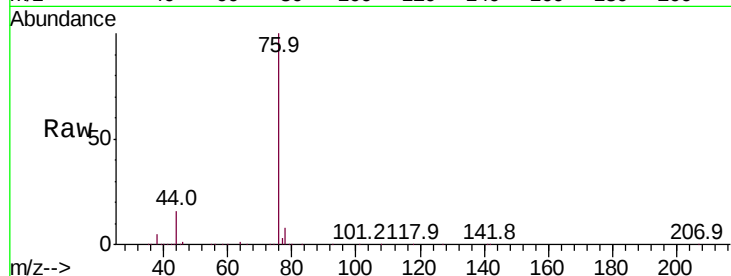
78 8.4 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 56.461 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012609.D

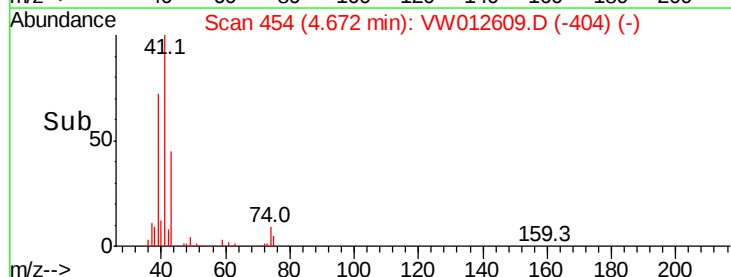
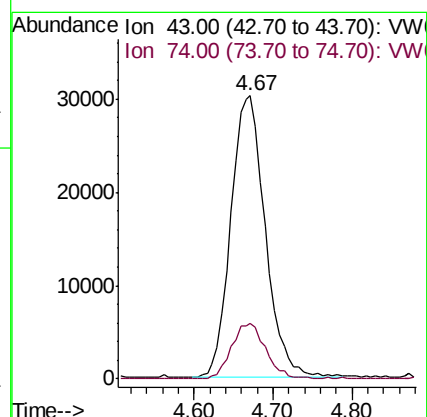
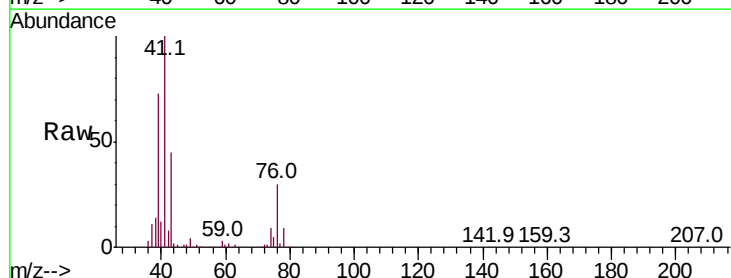
Acq: 05 Sep 2019 00:06

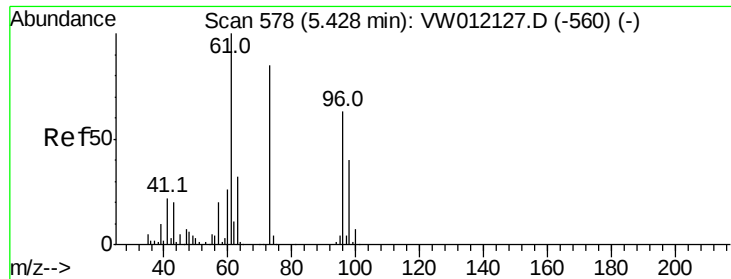
Tgt Ion: 43 Resp: 91292

Ion Ratio Lower Upper

43 100

74 19.8 15.7 23.5





#19

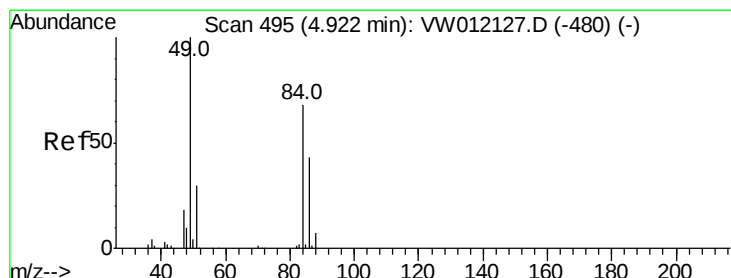
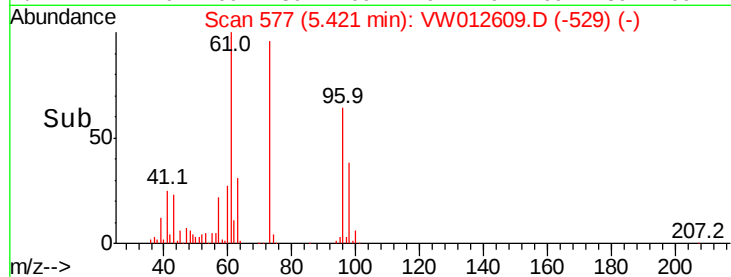
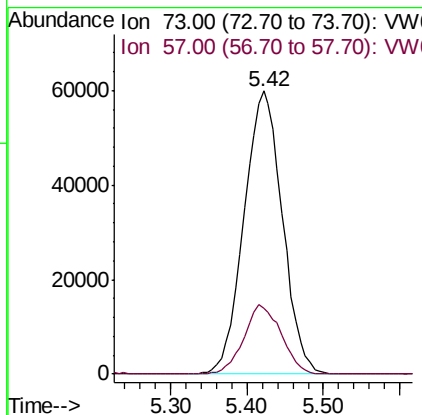
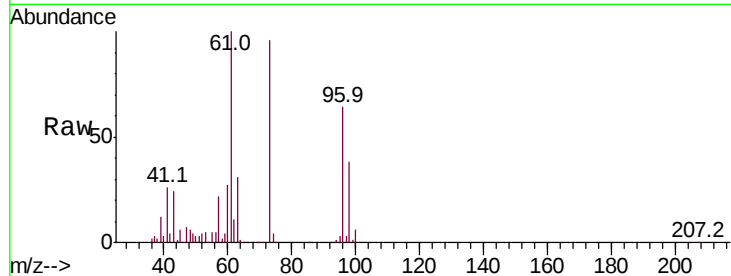
Methyl tert-butyl Ether
 Concen: 59.876 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW012609.D
 Acq: 05 Sep 2019 00:06

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion: 73 Resp: 208656
 Ion Ratio Lower Upper
 73 100
 57 23.4 18.9 28.3

Manual Integrations
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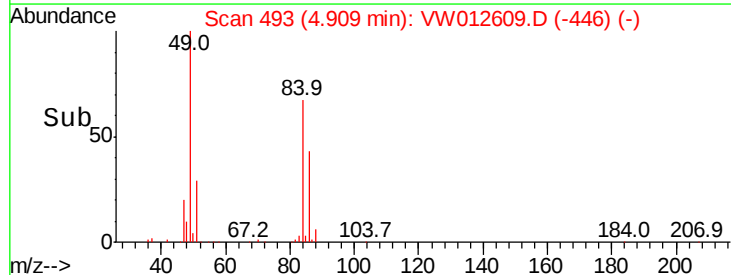
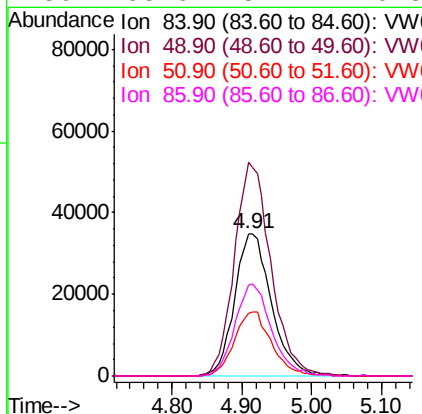
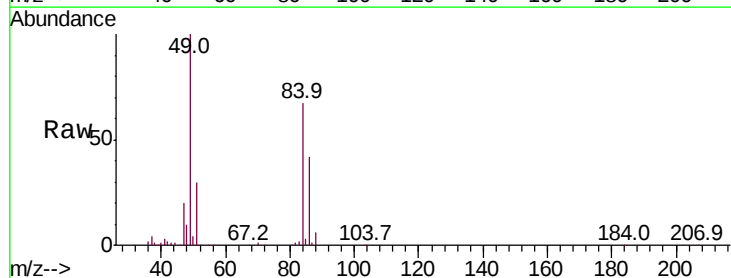
MMDadoda
 9/7/2019 12:46:14 AM

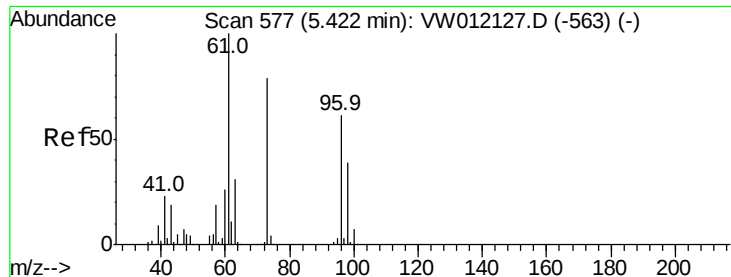


#20

Methylene Chloride
 Concen: 51.531 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW012609.D
 Acq: 05 Sep 2019 00:06

Tgt Ion: 84 Resp: 127173
 Ion Ratio Lower Upper
 84 100
 49 149.8 117.8 176.8
 51 44.3 35.6 53.4
 86 63.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 50.246 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 116109

Ion Ratio Lower Upper

96 100

61 156.1 131.4 197.0

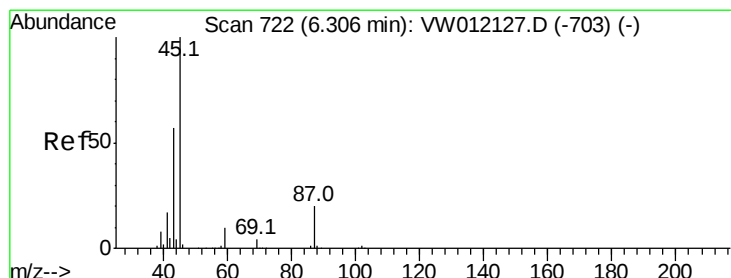
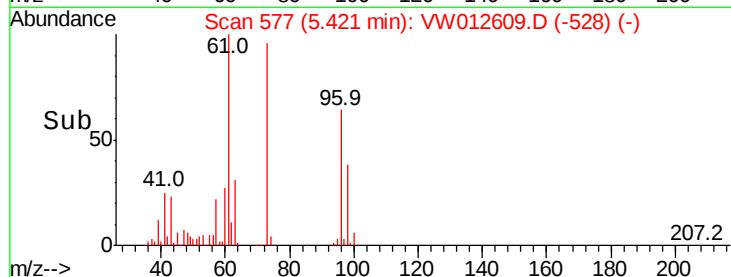
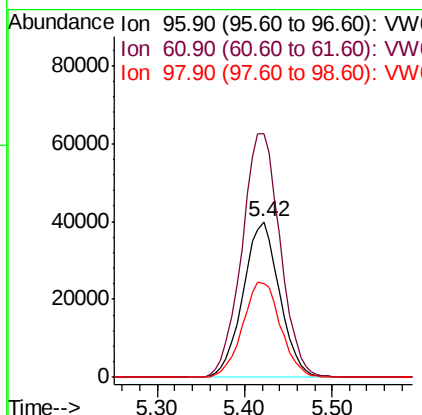
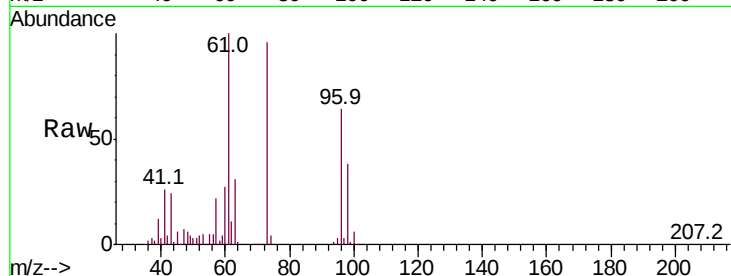
98 60.1 51.4 77.0

Manual Integrations

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#22

Diisopropyl ether

Concen: 54.589 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Tgt Ion: 45 Resp: 466146

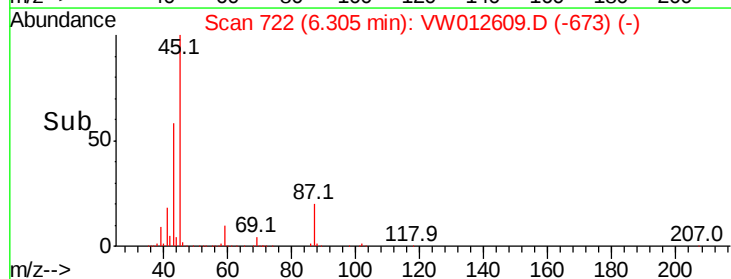
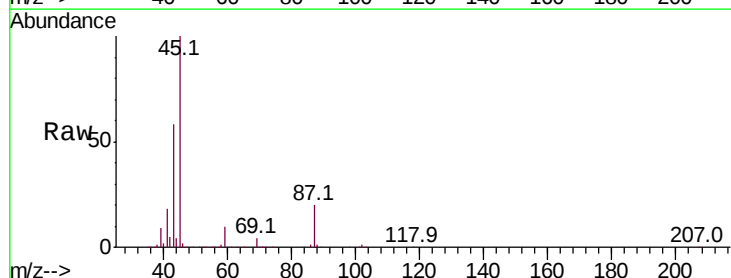
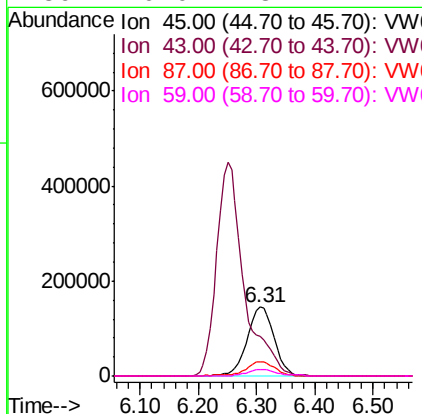
Ion Ratio Lower Upper

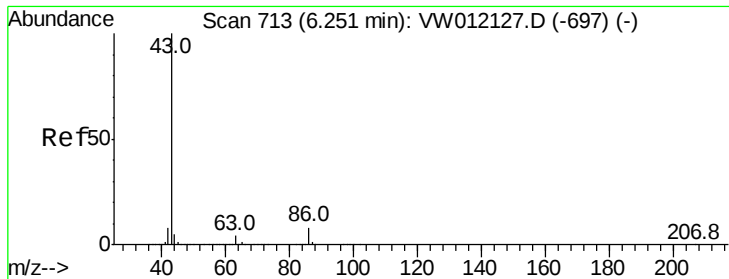
45 100

43 58.2 45.5 68.3

87 20.4 16.1 24.1

59 10.0 8.2 12.2





#23

Vinyl Acetate

Concen: 279.332 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1467934

Ion Ratio Lower Upper

43 100

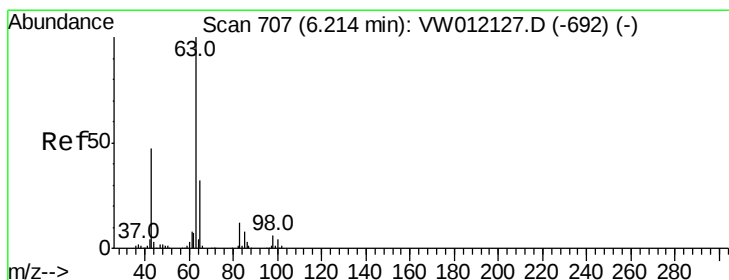
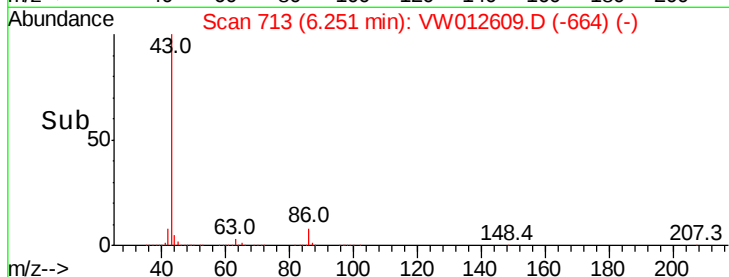
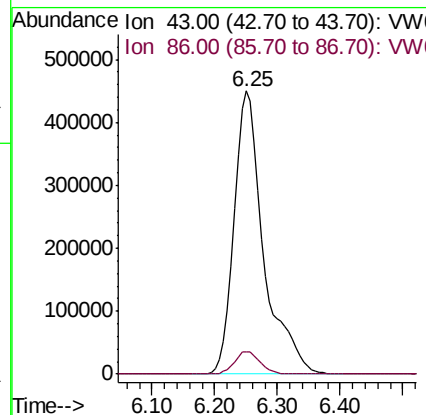
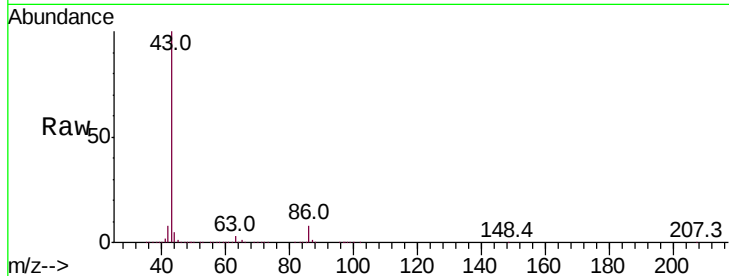
86 7.9 6.5 9.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 53.577 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

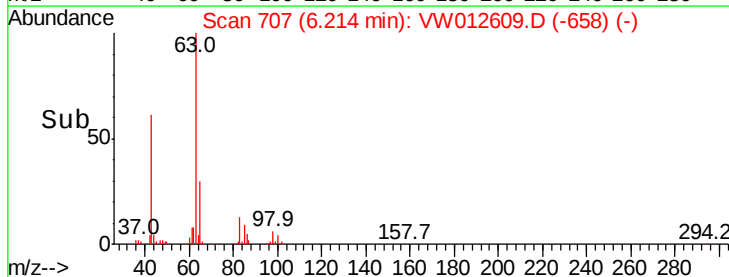
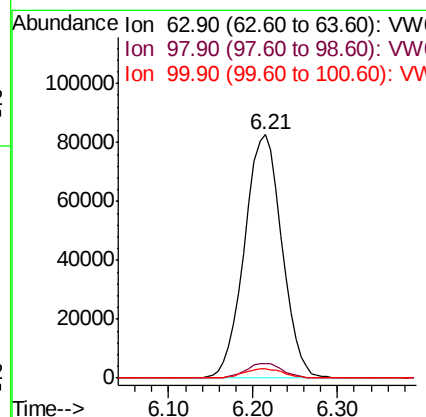
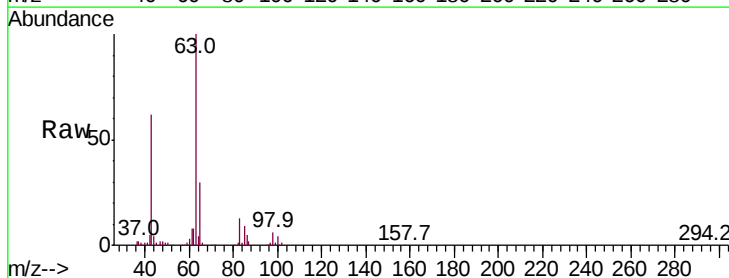
Tgt Ion: 63 Resp: 249105

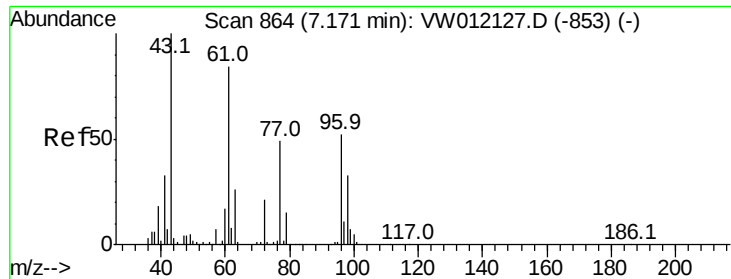
Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 259.122 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 229868

Ion Ratio Lower Upper

43 100

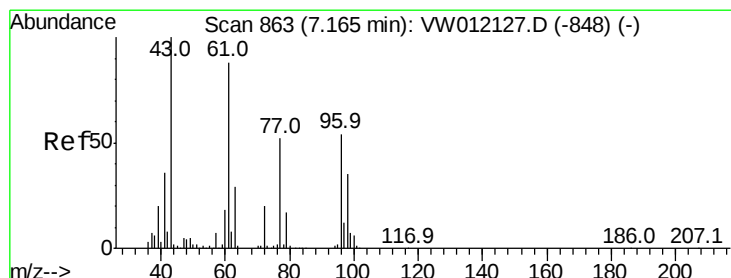
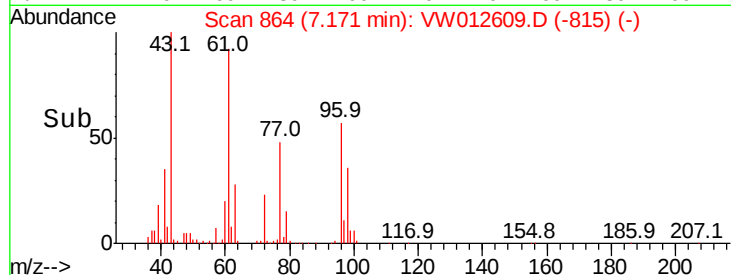
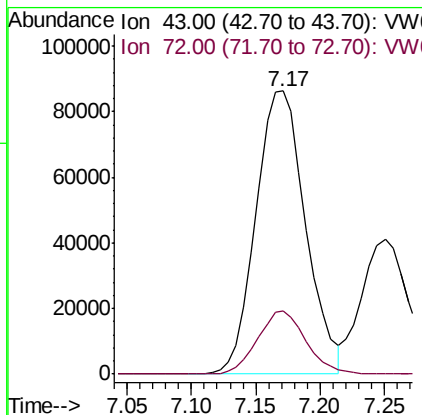
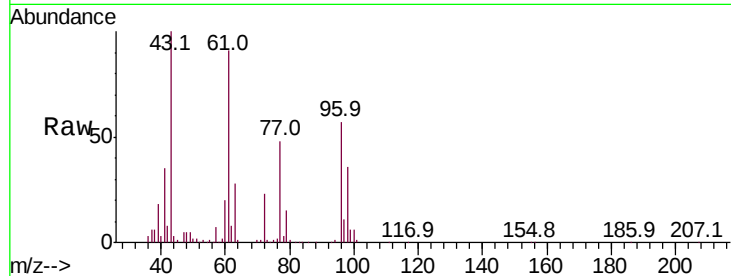
72 22.6 16.6 24.8

Manual Integrations

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9/7/2019 12:46:14 AM



#26

2,2-Dichloropropane

Concen: 50.474 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012609.D

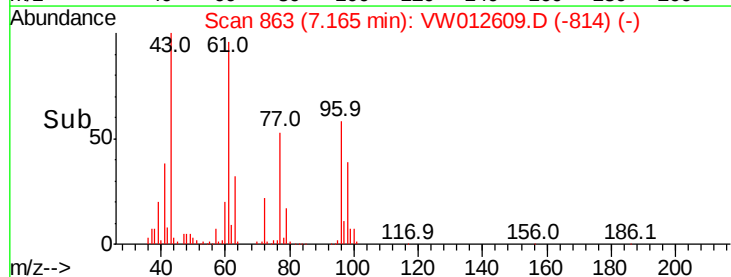
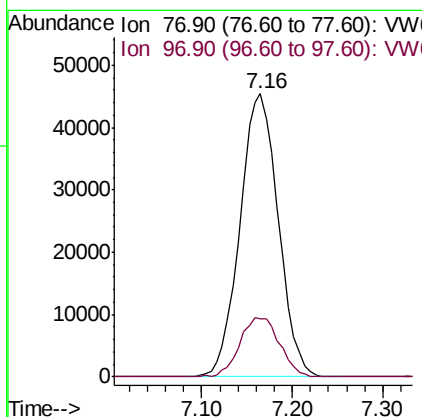
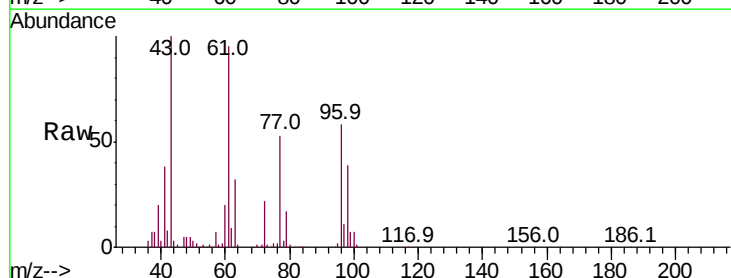
Acq: 05 Sep 2019 00:06

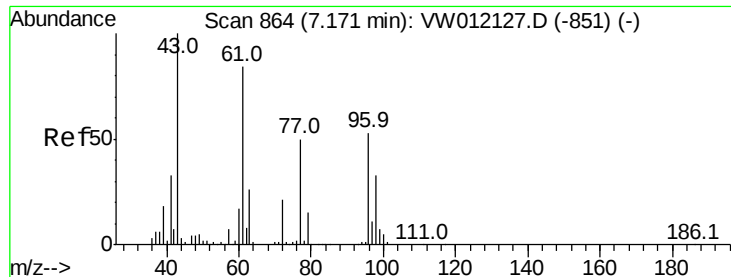
Tgt Ion: 77 Resp: 132830

Ion Ratio Lower Upper

77 100

97 21.9 11.1 33.1





#27

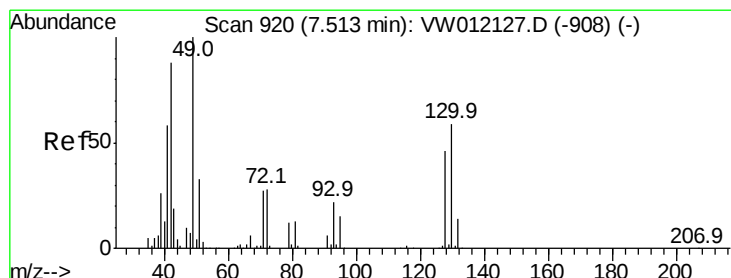
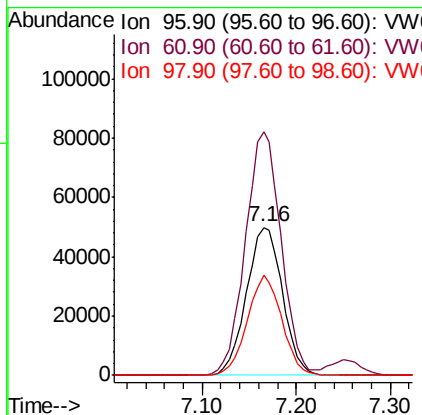
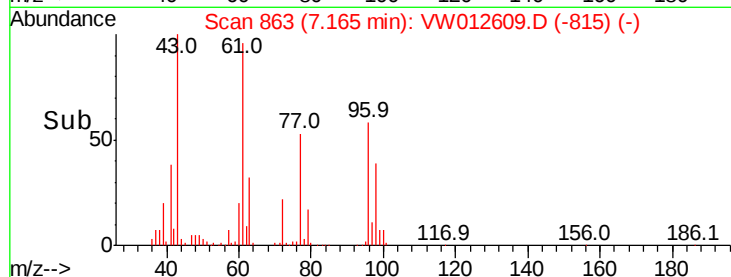
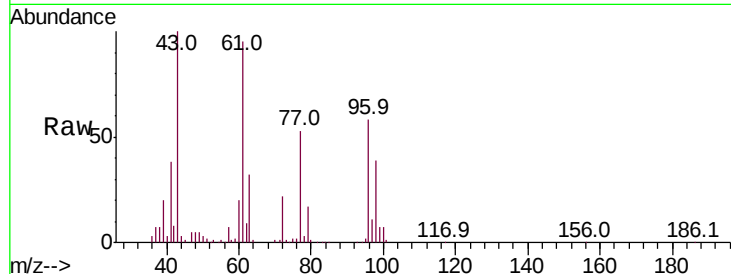
cis-1,2-Dichloroethene
Concen: 54.269 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	163.5	0.0	326.6	
98	64.5	0.0	127.4	

Manual Integrations
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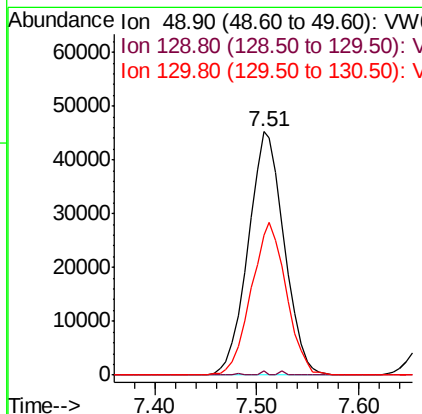
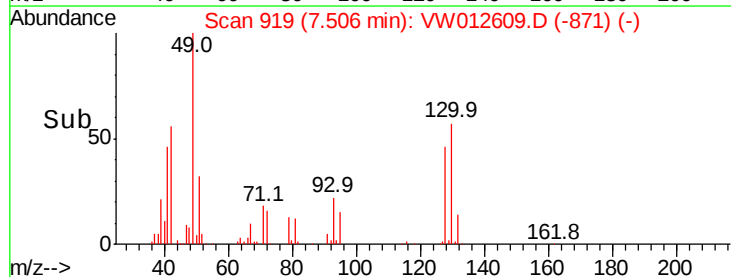
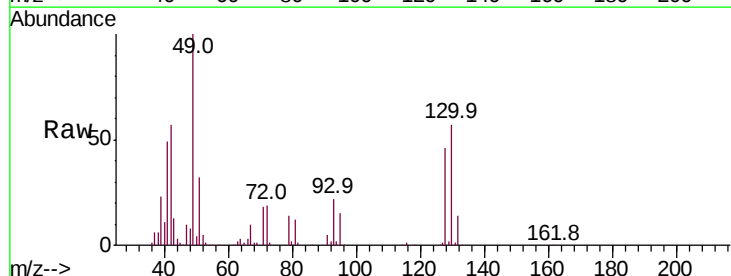
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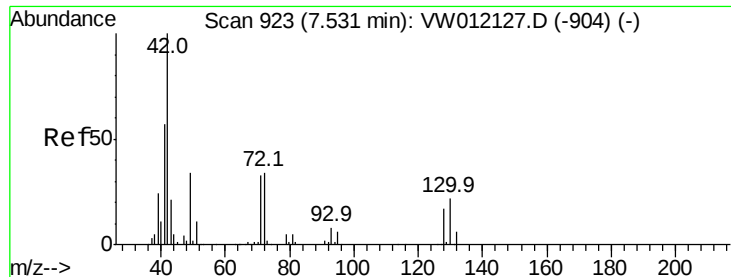


#28

Bromochloromethane
Concen: 54.801 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.3	0.0	1.4	
130	61.2	45.5	68.3	





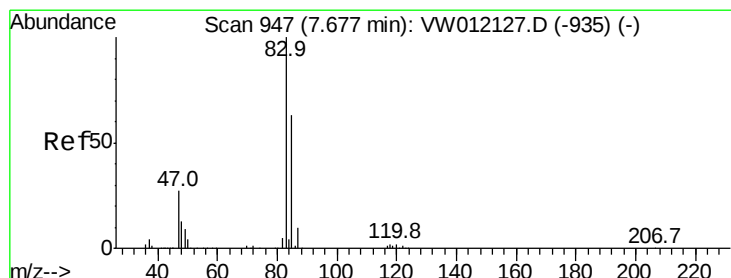
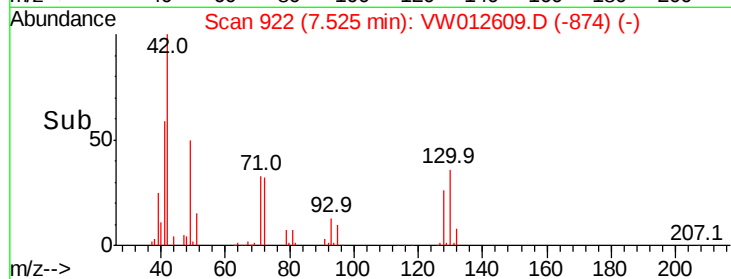
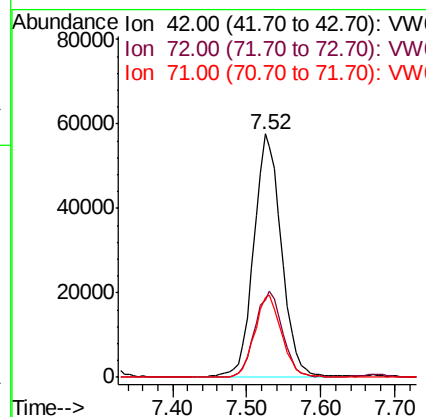
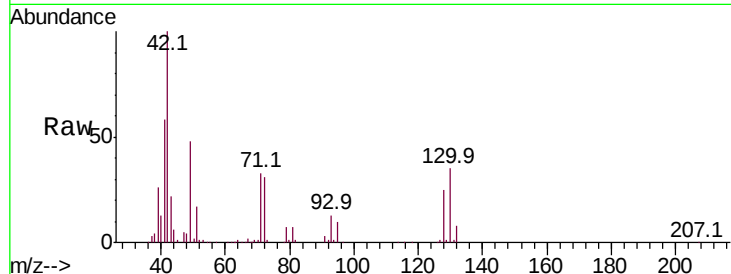
#29
Tetrahydrofuran
Concen: 280.981 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
42	100	149545		
72	35.5		27.3	40.9
71	33.4		25.5	38.3

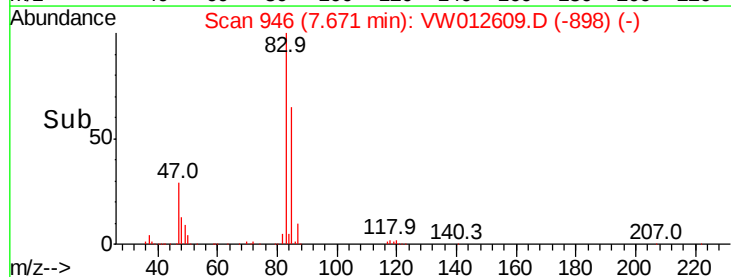
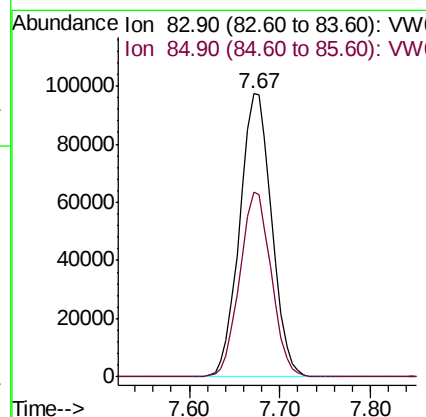
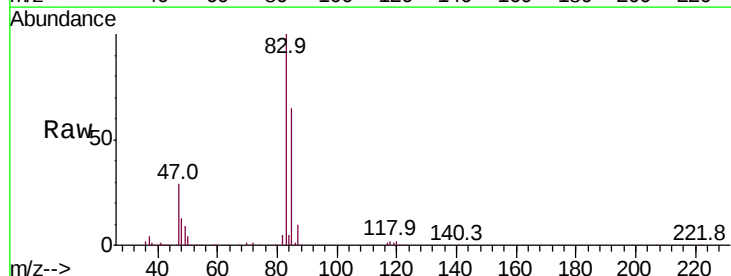
Manual Integrations
APPROVED

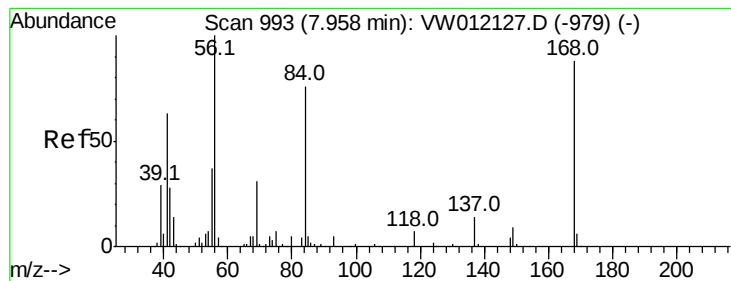
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#30
Chloroform
Concen: 56.057 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	238453		
85	65.4		50.6	76.0





#31

Cyclohexane

Concen: 42.416 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_W

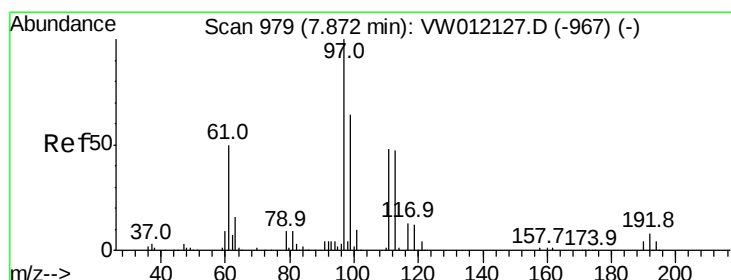
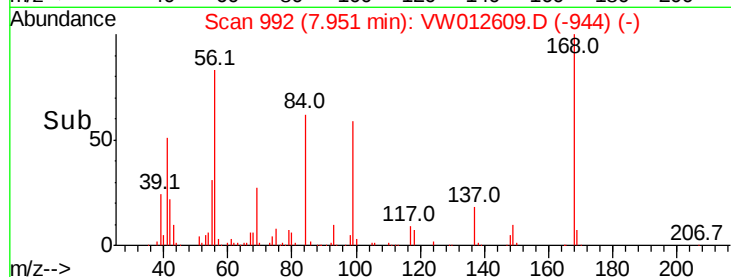
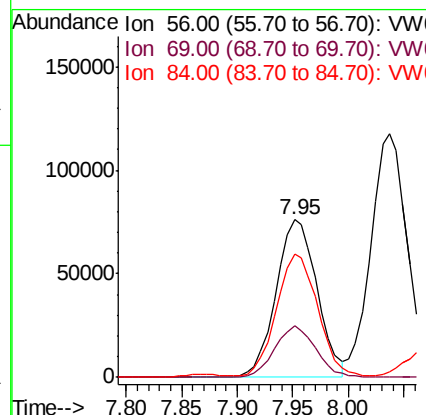
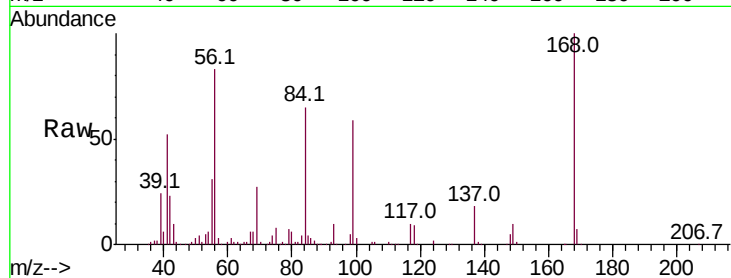
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	195113
Ion Ratio	Lower	Upper	
56	100		
69	32.5	24.9	37.3
84	76.3	60.6	90.8

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#32

1,1,1-Trichloroethane

Concen: 55.471 ug/l

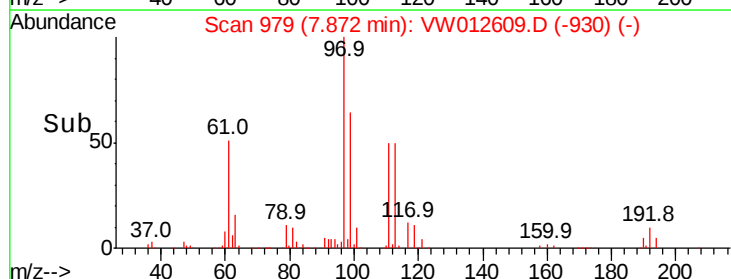
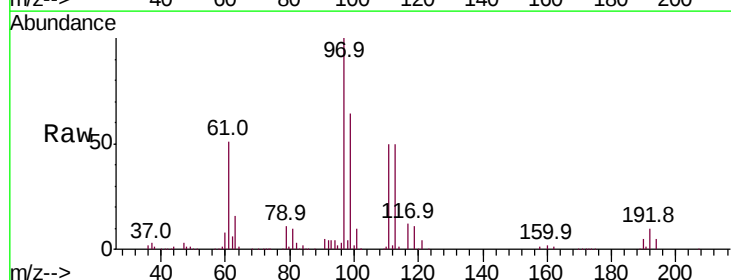
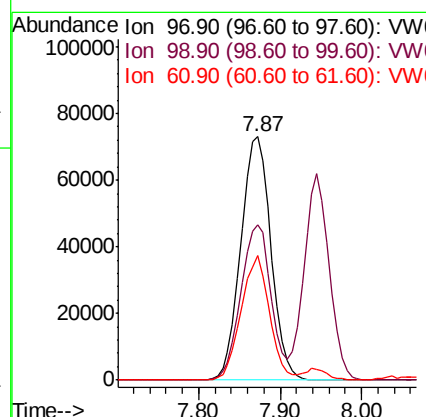
RT: 7.87 min Scan# 979

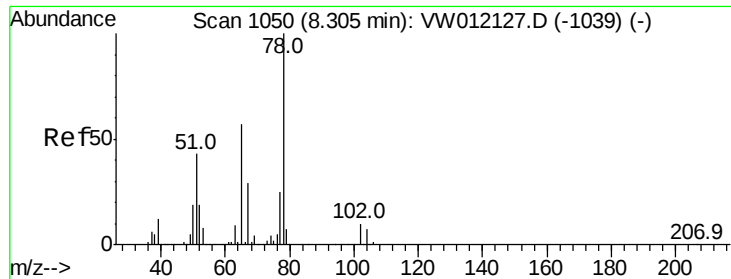
Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Tgt Ion:	97	Resp:	186664
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.4	77.0
61	48.4	39.5	59.3





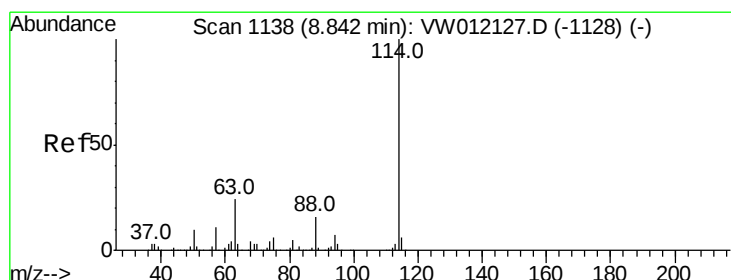
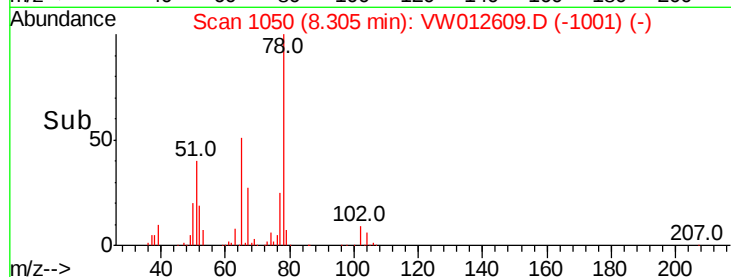
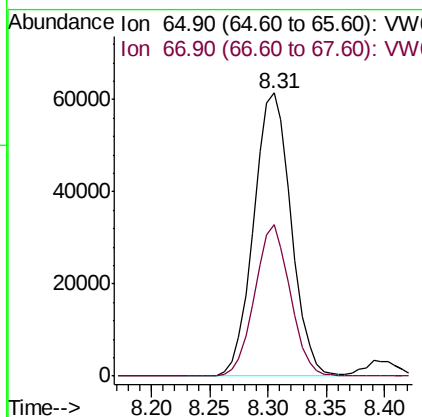
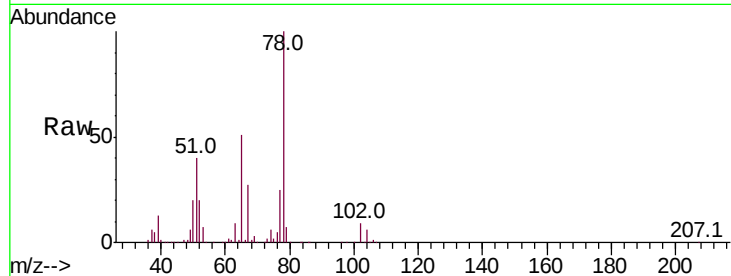
#33
 1,2-Dichloroethane-d4
 Concen: 53.846 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012609.D
 Acq: 05 Sep 2019 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	137515		
67	50.9	0.0	102.6	

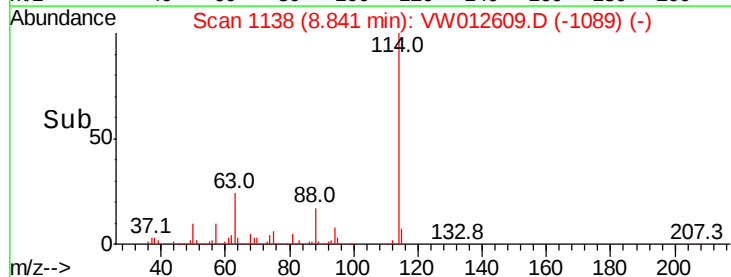
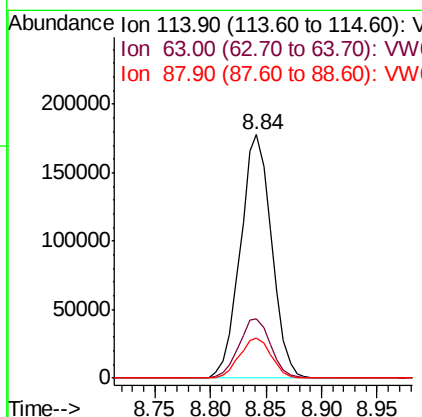
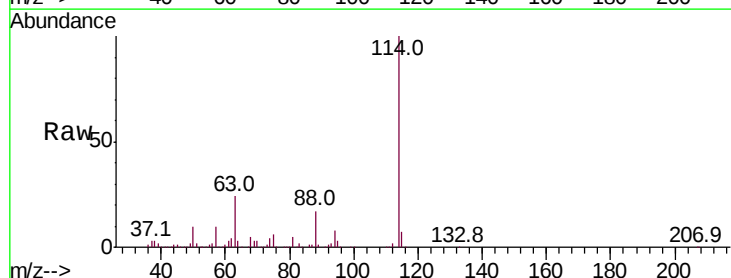
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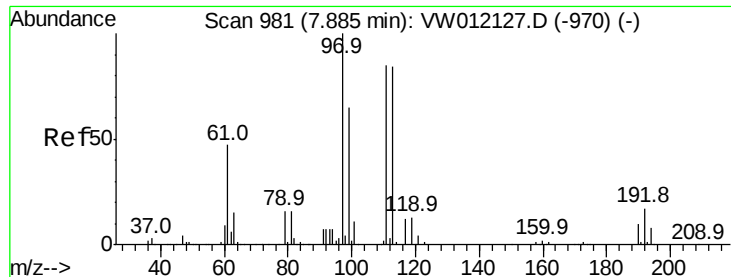
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012609.D
 Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	346563		
63	24.4	0.0	48.6	
88	16.6	0.0	32.2	





#35

Dibromofluoromethane

Concen: 52.395 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_W

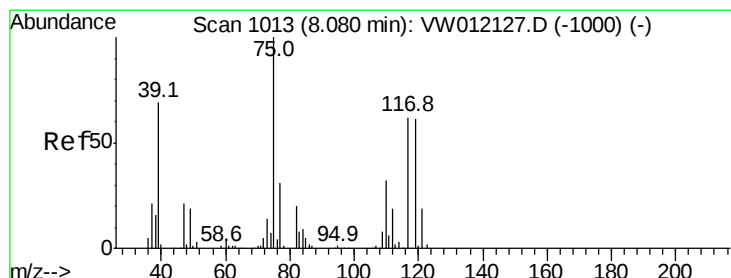
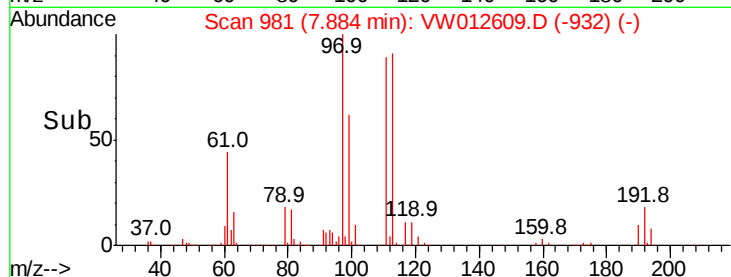
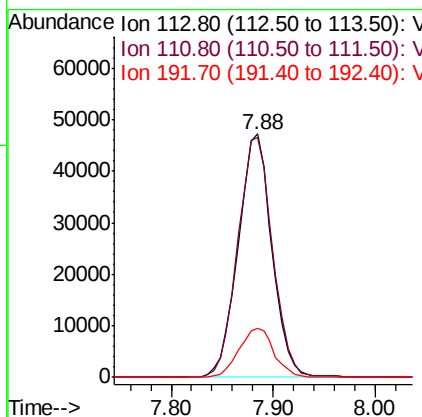
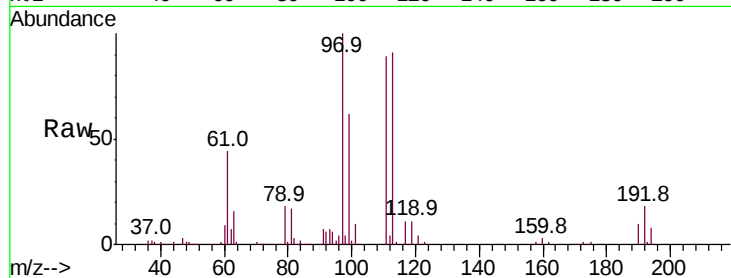
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	108387
Ion Ratio	Lower	Upper	
113	100		
111	101.7	82.7	124.1
192	20.8	16.2	24.2

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#36

1,1-Dichloropropene

Concen: 49.545 ug/l

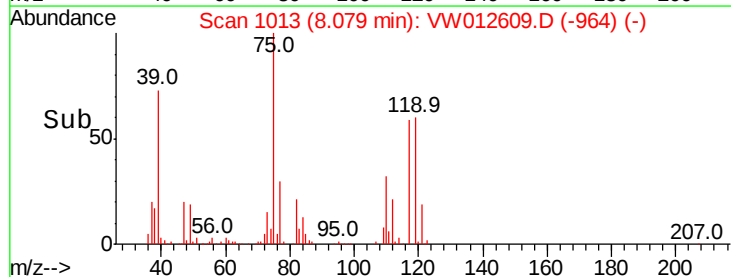
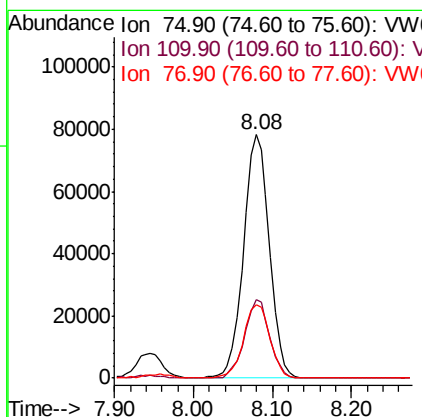
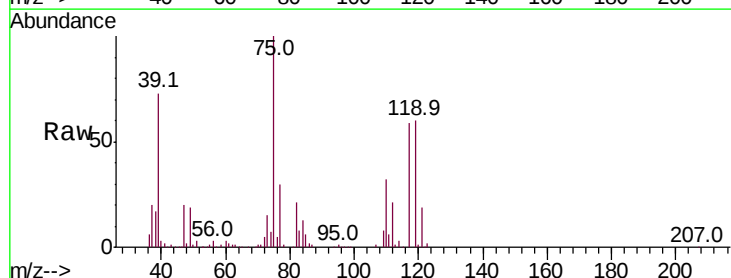
RT: 8.08 min Scan# 1013

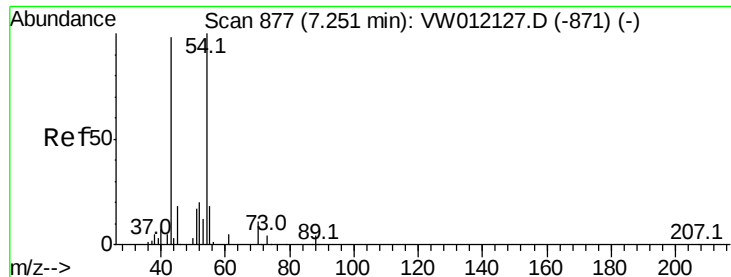
Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Tgt Ion:	75	Resp:	177436
Ion Ratio	Lower	Upper	
75	100		
110	31.3	15.6	46.8
77	31.0	24.6	36.8





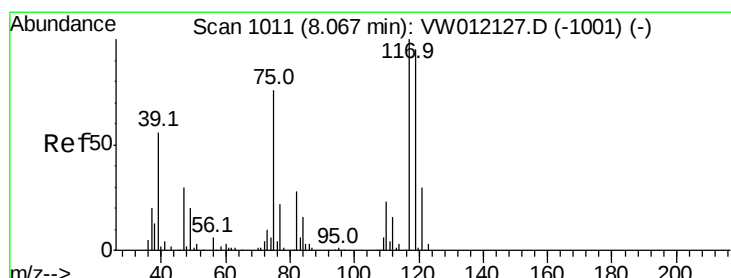
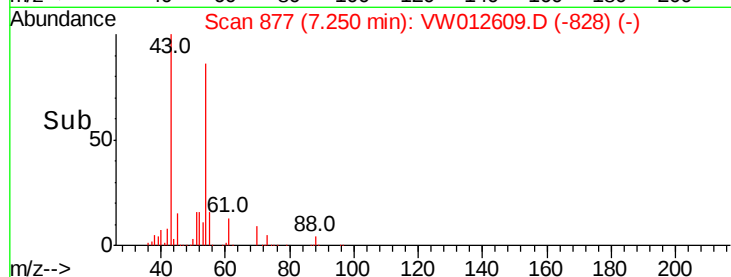
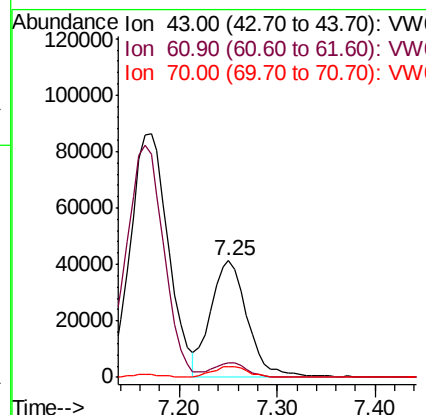
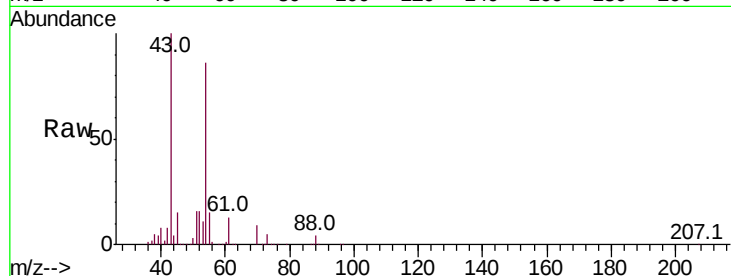
#37
Ethyl Acetate
Concen: 54.066 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	11.6	9.2	13.8	
70	9.1	6.9	10.3	

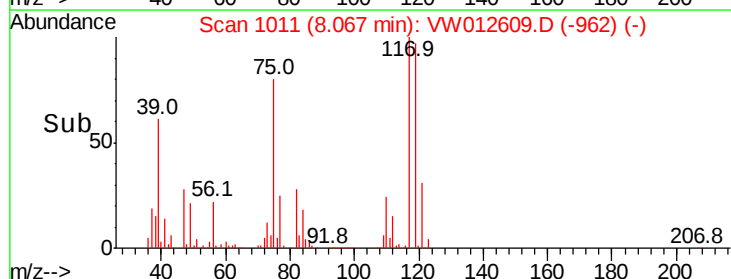
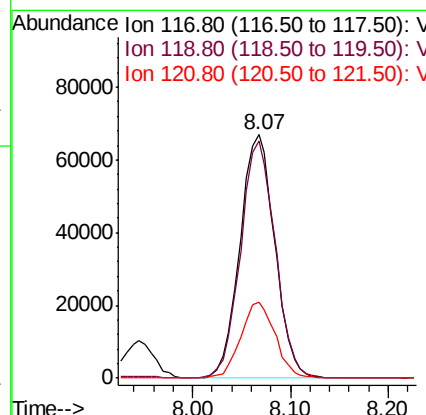
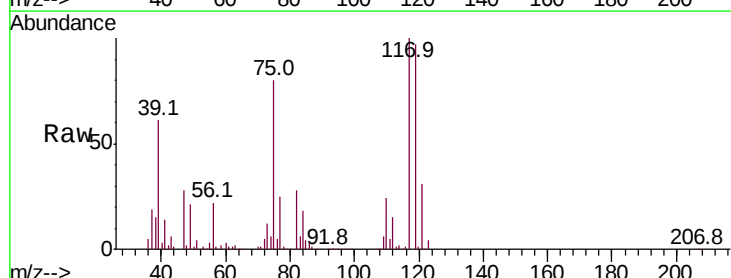
Manual Integrations
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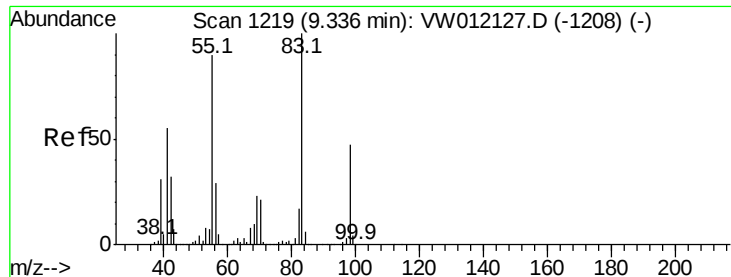
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#38
Carbon Tetrachloride
Concen: 53.411 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	76.2	114.2	
121	31.1	23.8	35.8	





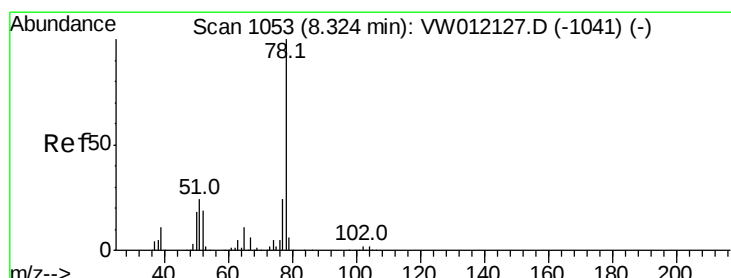
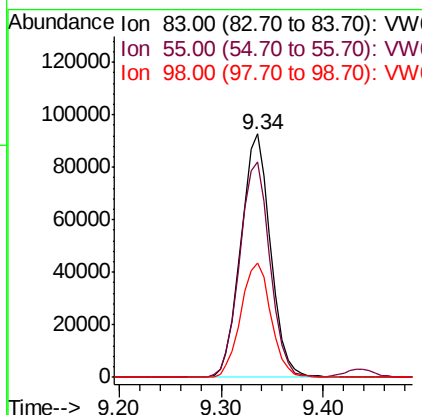
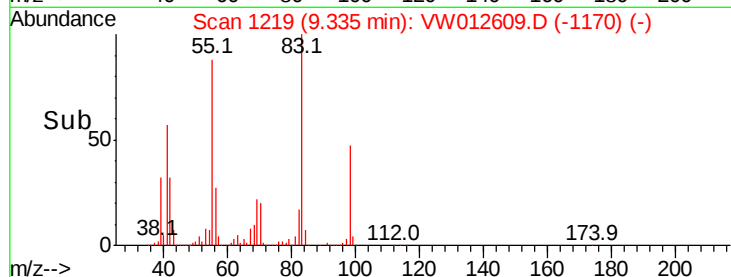
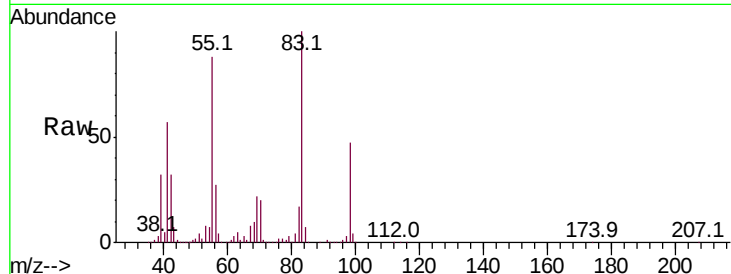
#39
Methvlcvclohexane
Concen: 46.622 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	187578
Ion Ratio	100	Lower	Upper
83	100		
55	88.4	71.8	107.8
98	46.7	37.8	56.8

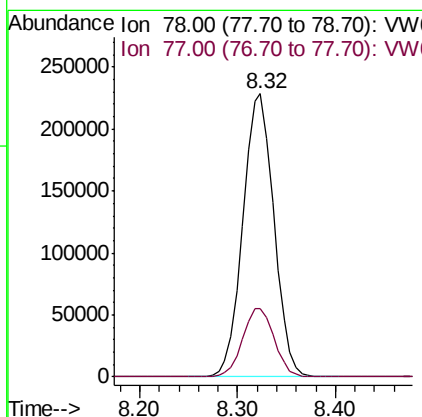
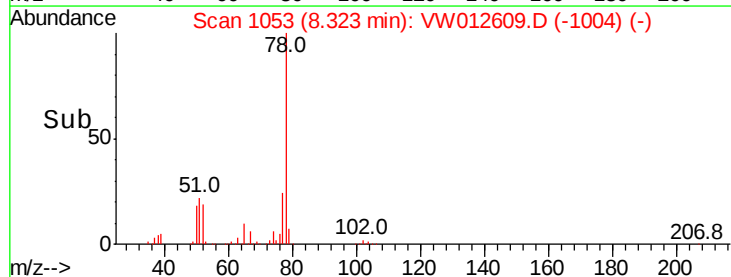
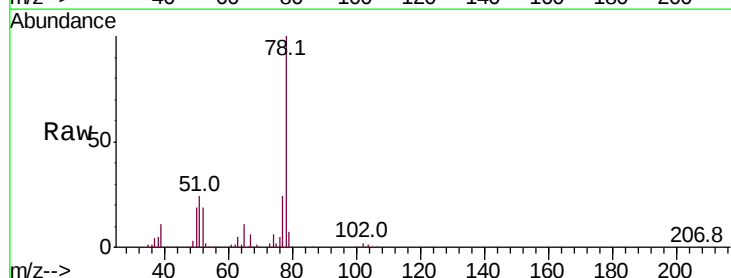
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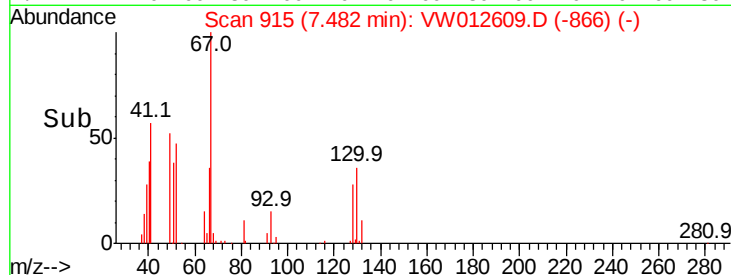
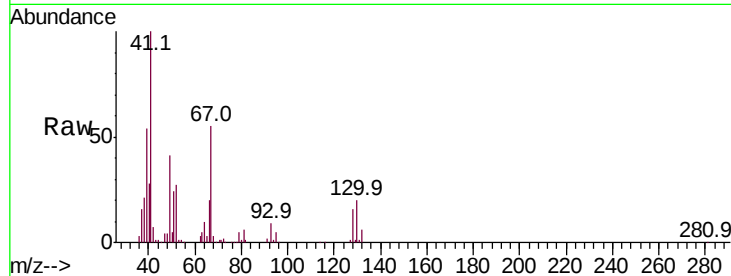
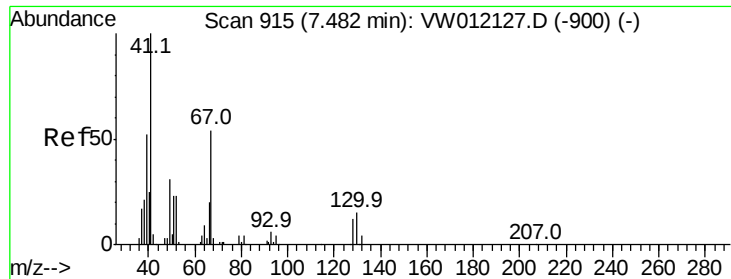
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#40
Benzene
Concen: 51.420 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Tgt Ion	78	Resp	502843
Ion Ratio	100	Lower	Upper
78	100		
77	24.4	19.5	29.3





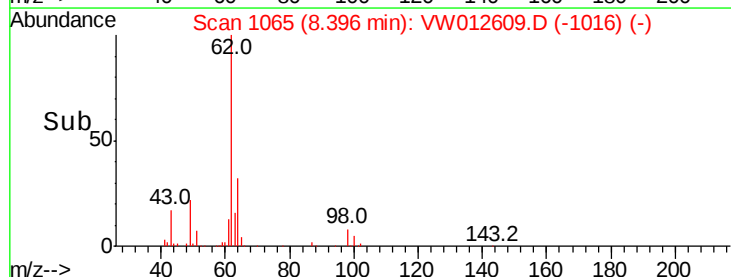
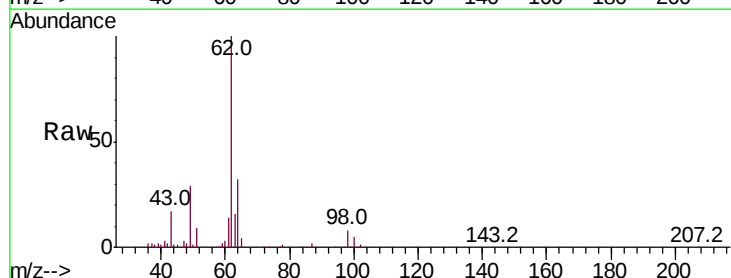
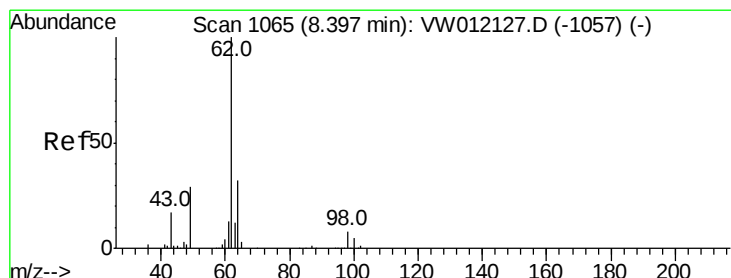
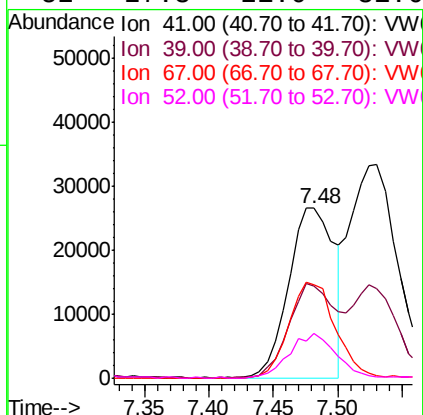
#41
Methacrylonitrile
Concen: 57.328 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		66124		
39	58.8	45.8	68.8		
67	57.3	46.2	69.4		
52	27.3	21.0	31.6		

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

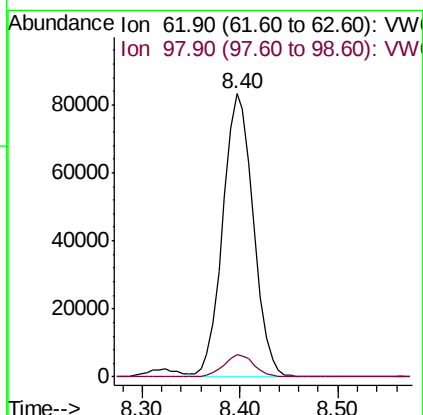
Manual Integrations
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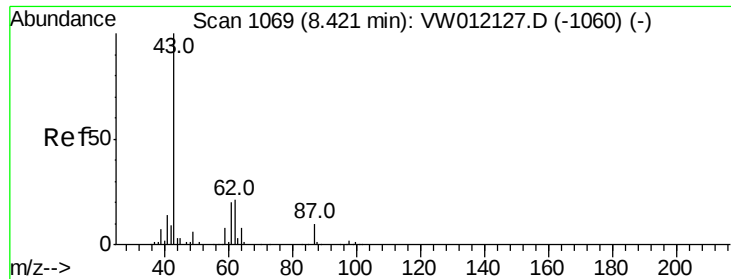
MMDadoda
9/7/2019 12:46:14 AM



#42
1,2-Dichloroethane
Concen: 58.747 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		180052		
98	7.9	0.0	16.6		





#43

Isopropyl Acetate

Concen: 55.799 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_W

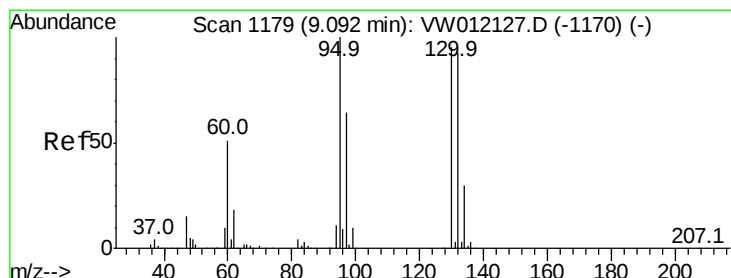
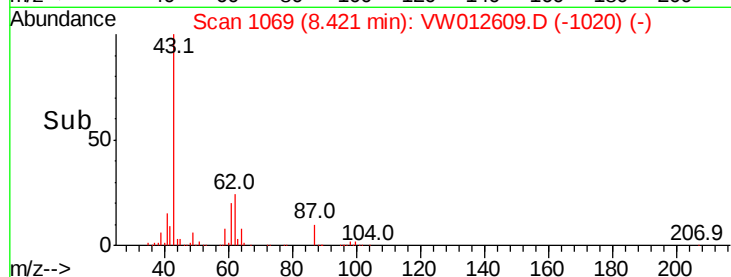
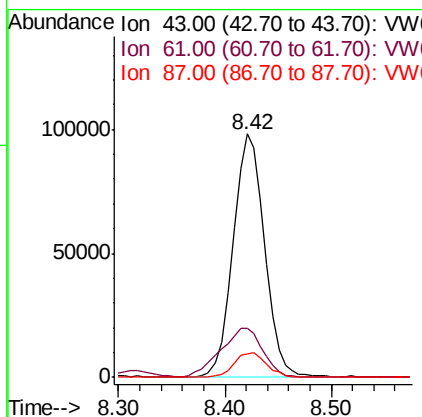
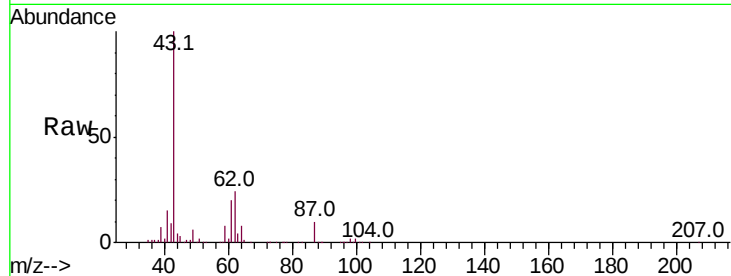
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	202842
Ion	Ratio	Lower	Upper
43	100		
61	27.2	21.1	31.7
87	10.7	8.2	12.2

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#44

Trichloroethene

Concen: 52.633 ug/l

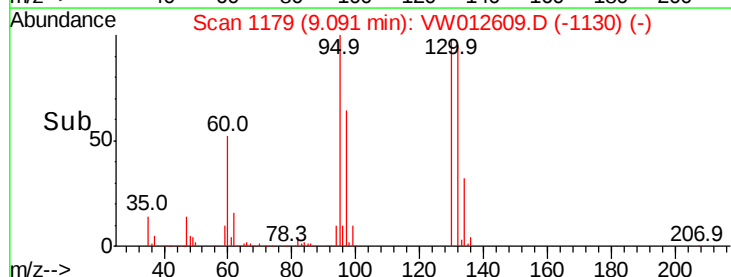
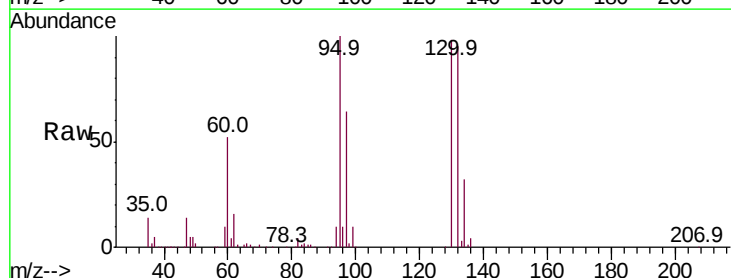
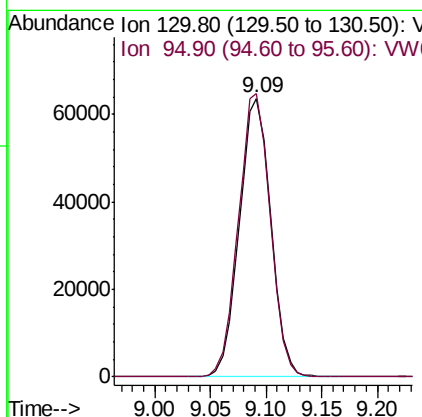
RT: 9.09 min Scan# 1179

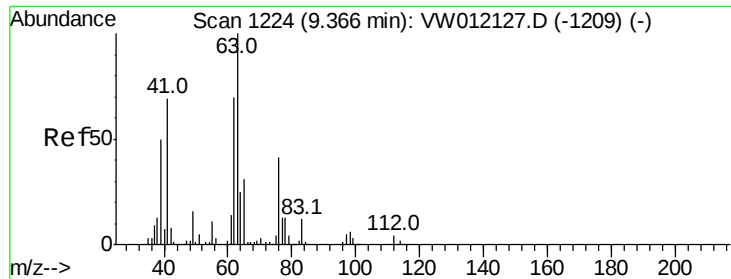
Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Tgt Ion:	130	Resp:	125121
Ion	Ratio	Lower	Upper
130	100		
95	101.7	0.0	210.6





#45

1,2-Dichloropropane

Concen: 53.149 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 139879

Ion Ratio Lower Upper

63 100

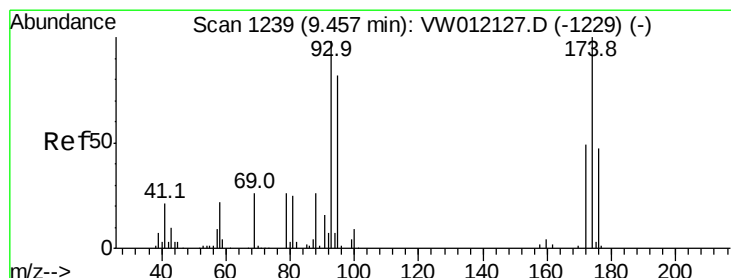
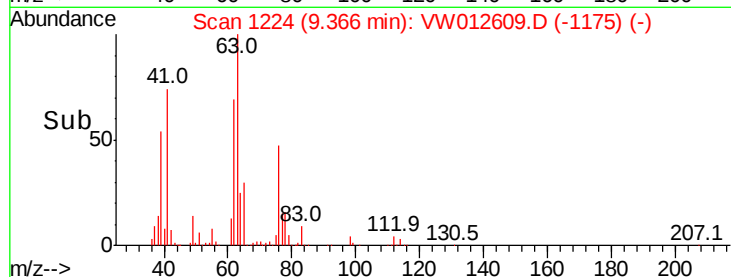
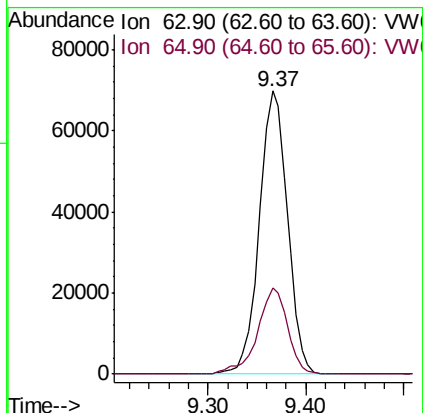
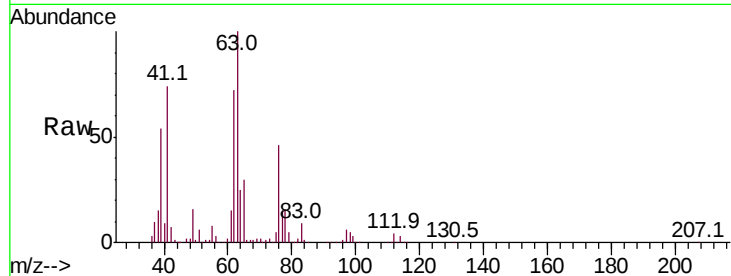
65 30.2 25.0 37.4

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#46

Dibromomethane

Concen: 56.136 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

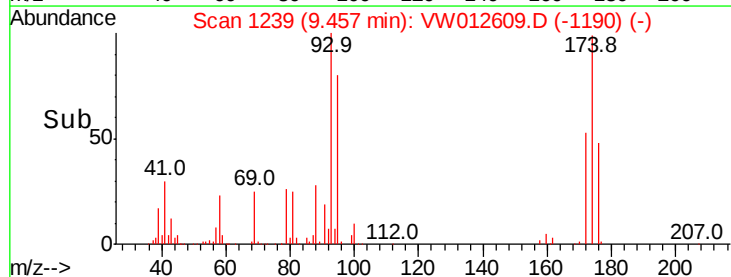
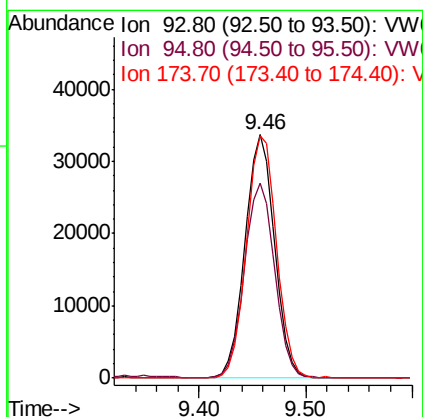
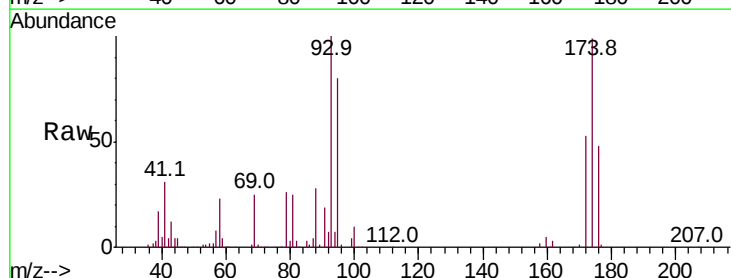
Tgt Ion: 93 Resp: 65734

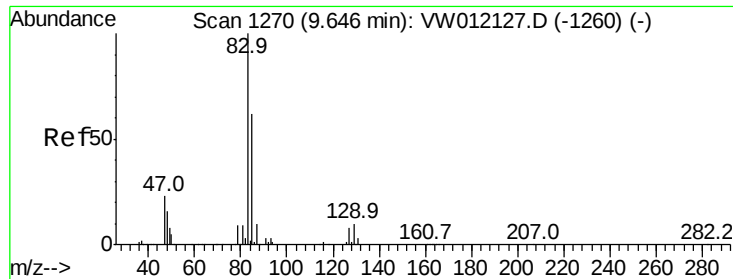
Ion Ratio Lower Upper

93 100

95 82.2 67.2 100.8

174 101.5 79.0 118.6





#47

Bromodichloromethane

Concen: 57.810 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_W

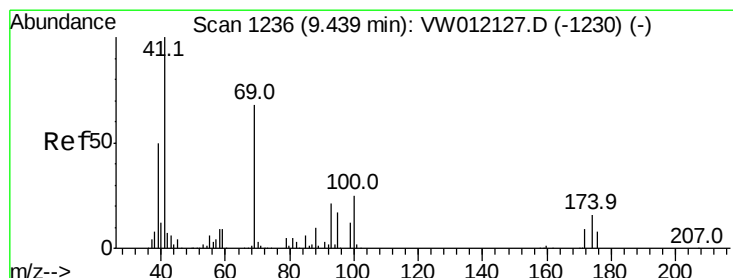
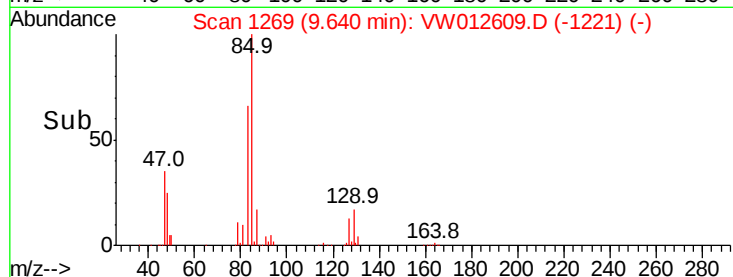
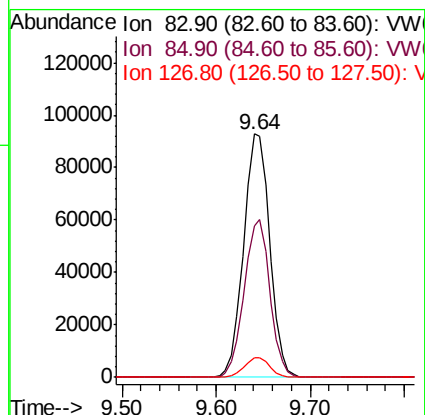
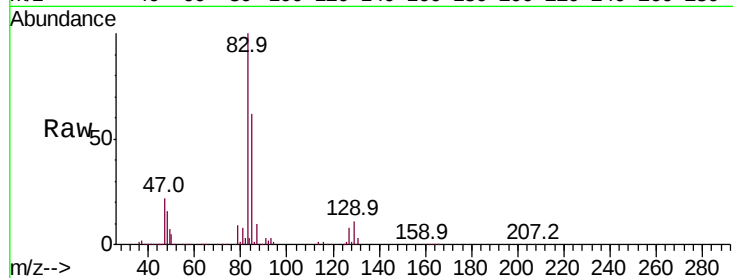
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	180165
Ion Ratio	Lower	Upper	
83	100		
85	62.3	49.4	74.2
127	7.8	6.1	9.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 56.215 ug/l

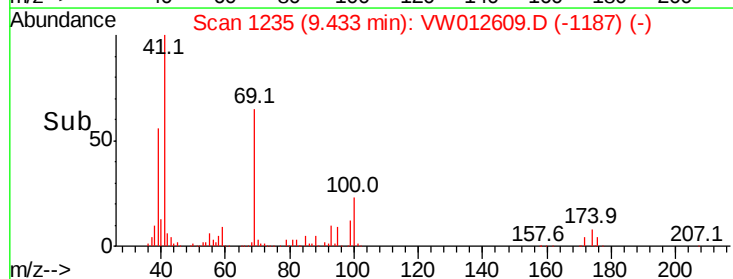
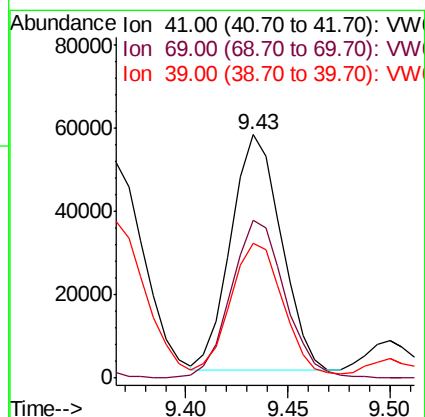
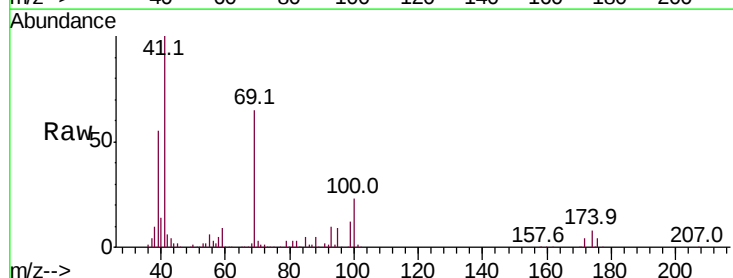
RT: 9.43 min Scan# 1235

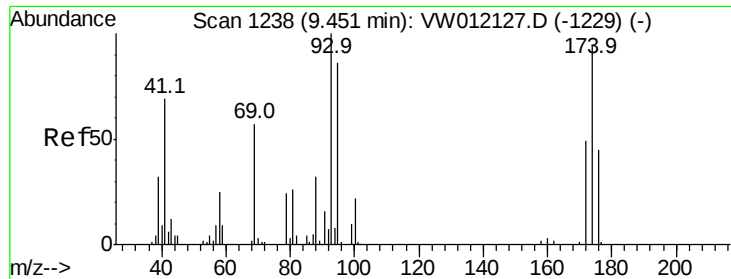
Delta R.T. -0.01 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Tgt Ion:	41	Resp:	97262
Ion Ratio	Lower	Upper	
41	100		
69	71.1	56.7	85.1
39	61.2	42.0	63.0





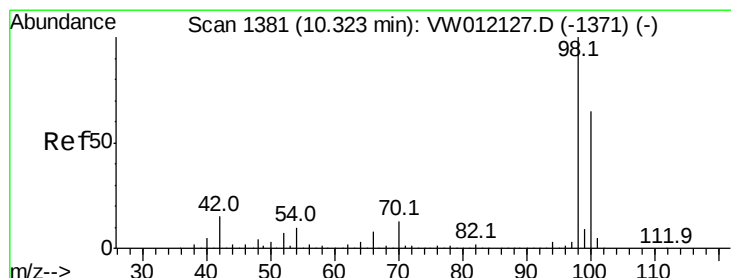
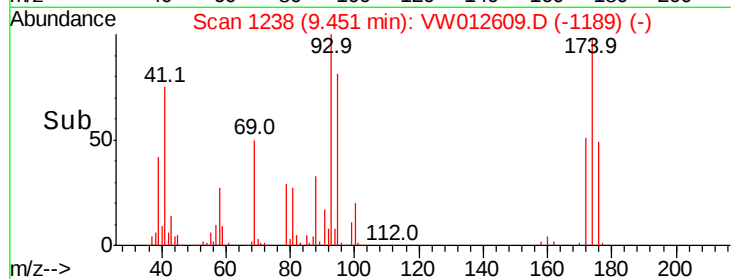
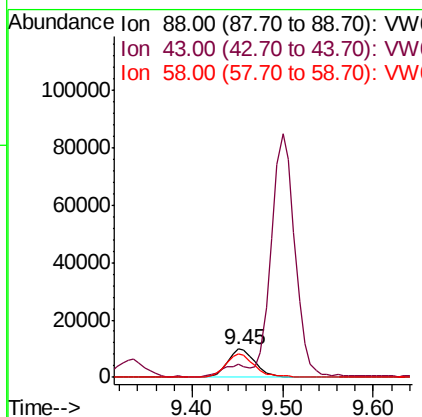
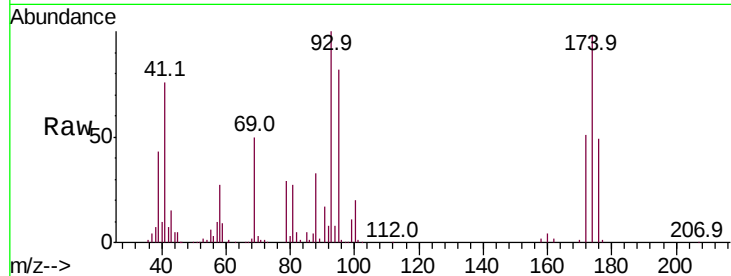
#49
1,4-Dioxane
Concen: 1167.382 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	20927
Ion	Ratio	Lower	Upper
88	100		
43	41.7	32.9	49.3
58	87.6	71.0	106.4

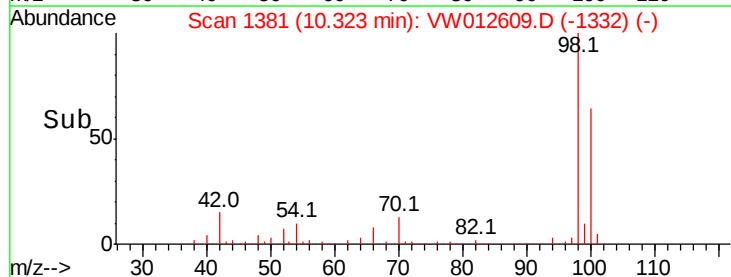
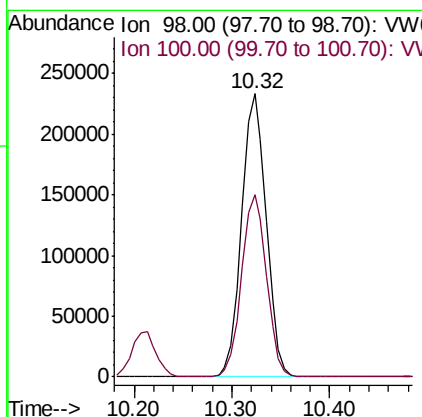
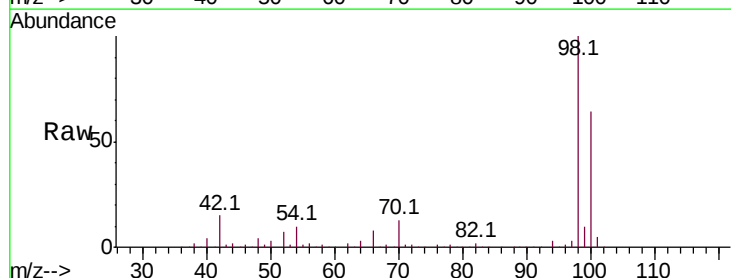
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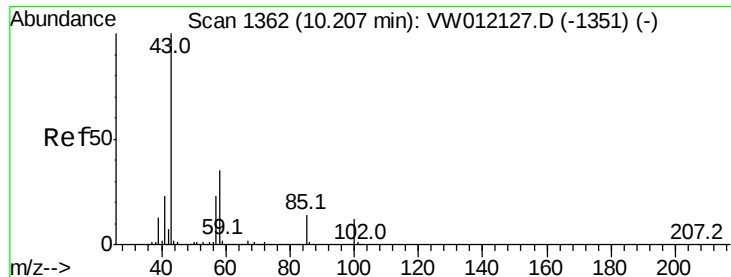
MMDadoda
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#50
Toluene-d8
Concen: 48.542 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Tgt Ion	98	Resp	407154
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 285.083 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 527111

Ion Ratio Lower Upper

43 100

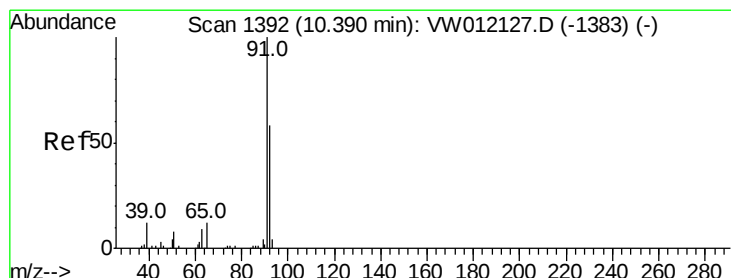
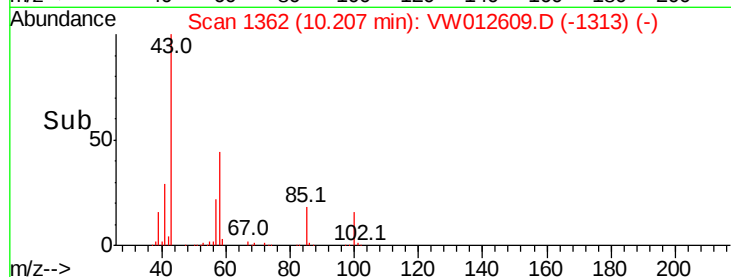
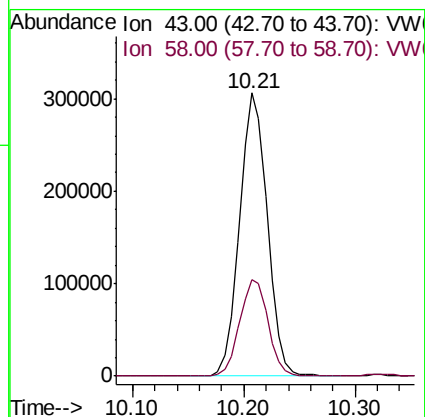
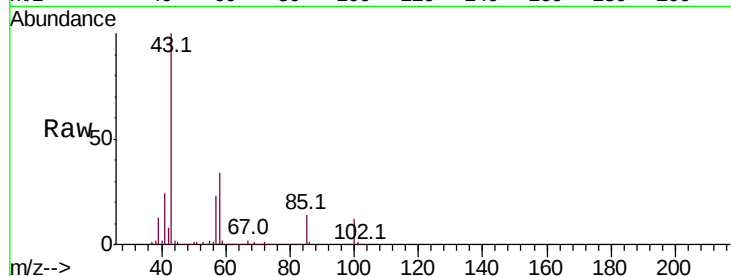
58 35.1 28.2 42.2

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#52

Toluene

Concen: 52.794 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW012609.D

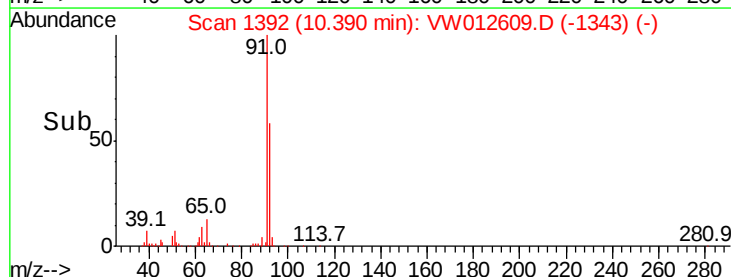
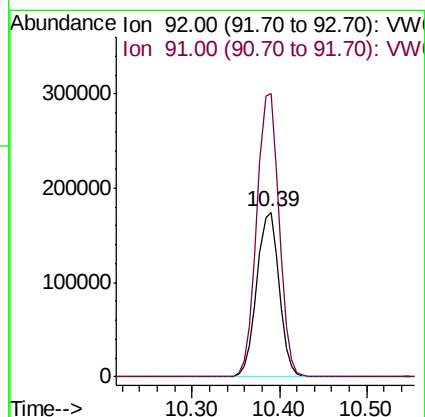
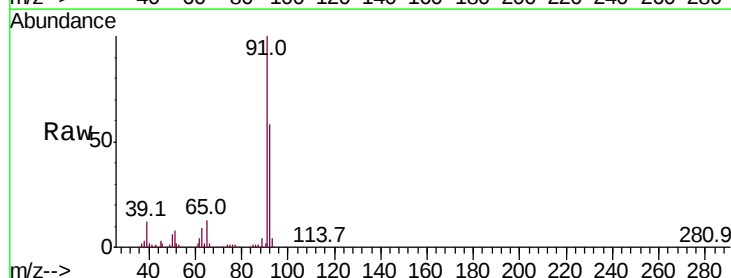
Acq: 05 Sep 2019 00:06

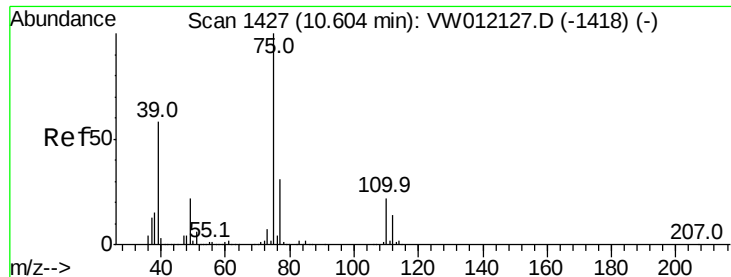
Tgt Ion: 92 Resp: 310153

Ion Ratio Lower Upper

92 100

91 171.9 136.6 204.8





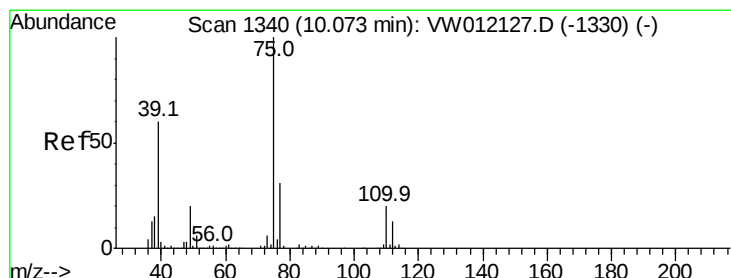
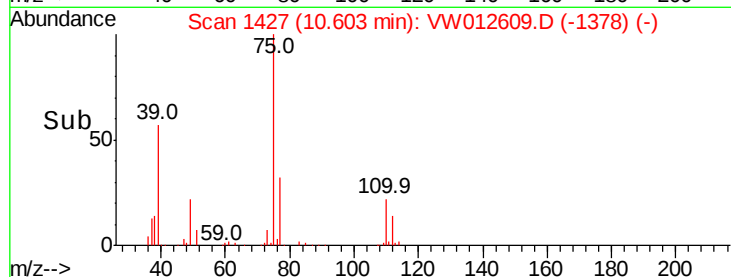
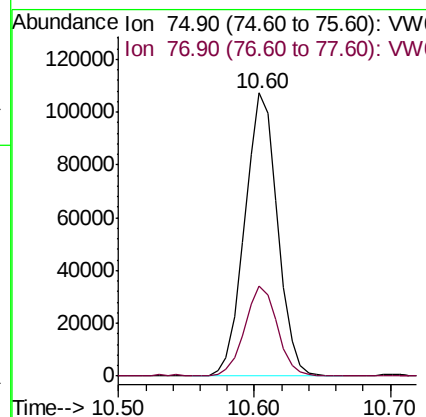
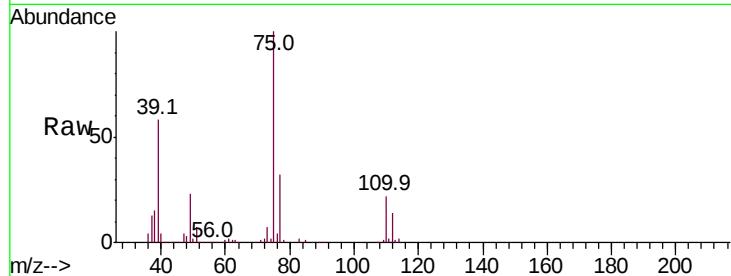
#53
 t-1,3-Dichloropropene
 Concen: 56.912 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW012609.D
 Acq: 05 Sep 2019 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 180669
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.4

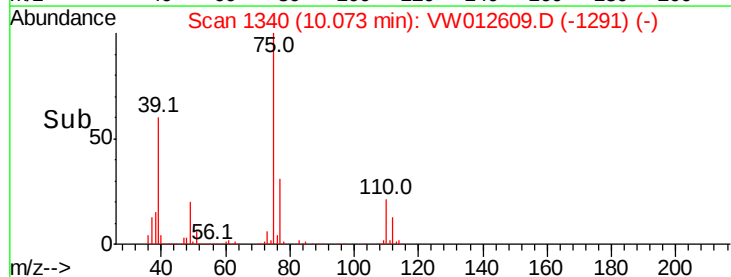
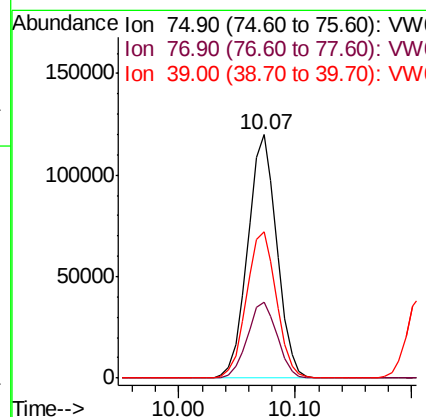
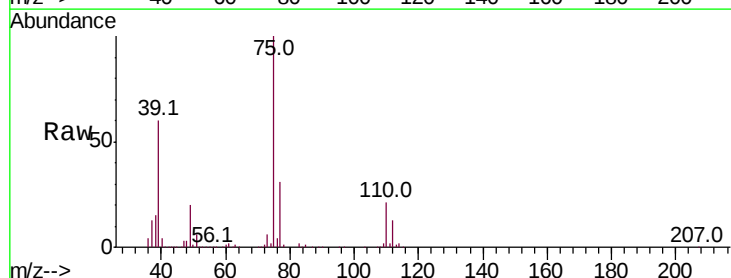
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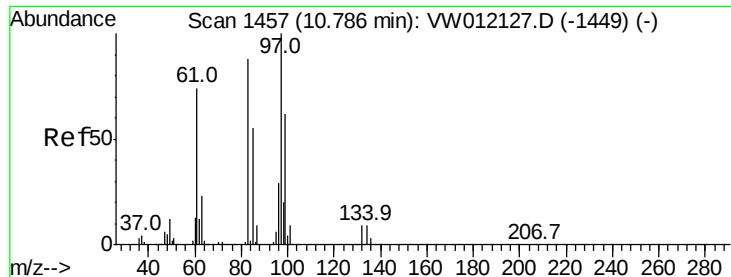
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 54.655 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW012609.D
 Acq: 05 Sep 2019 00:06

Tgt Ion: 75 Resp: 209496
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.1 37.7
 39 59.8 48.3 72.5





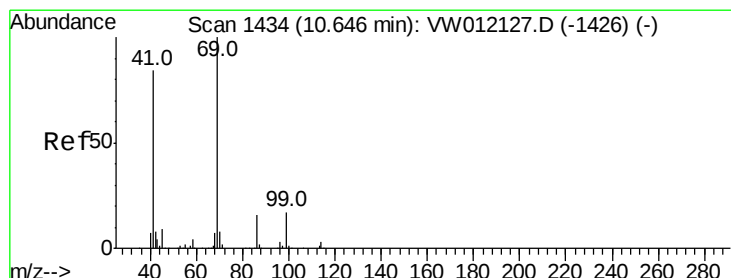
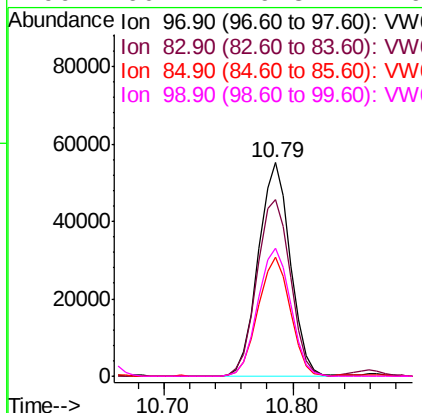
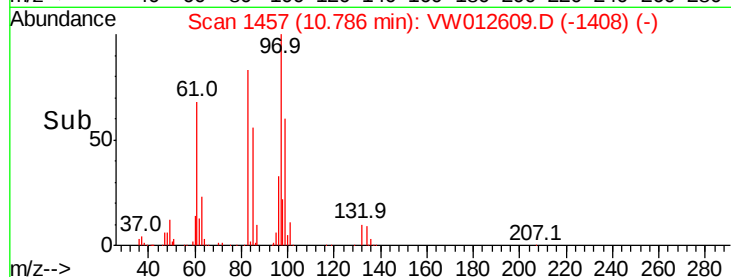
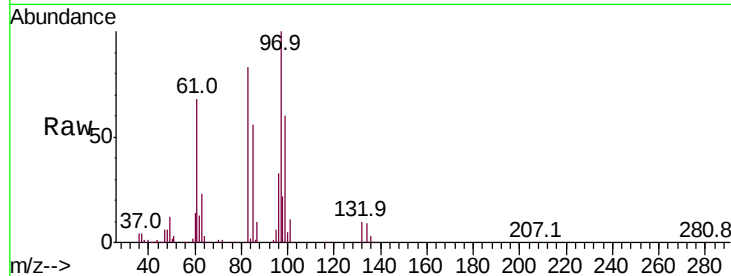
#55
 1,1,2-Trichloroethane
 Concen: 57.039 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012609.D
 Acq: 05 Sep 2019 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	94501
Ion	Ratio	Lower	Upper
97	100		
83	82.7	70.8	106.2
85	55.6	43.8	65.8
99	60.1	49.8	74.6

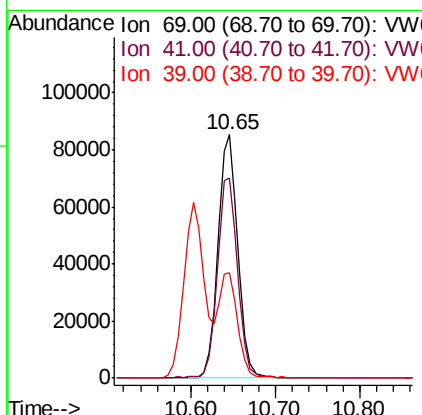
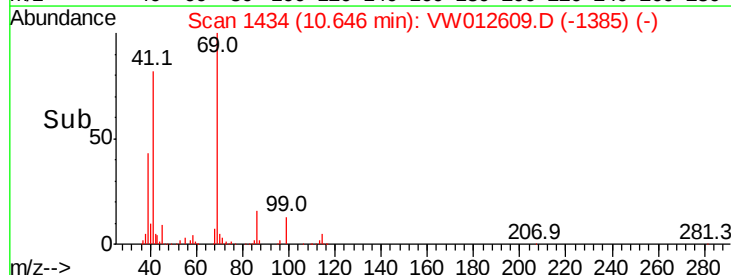
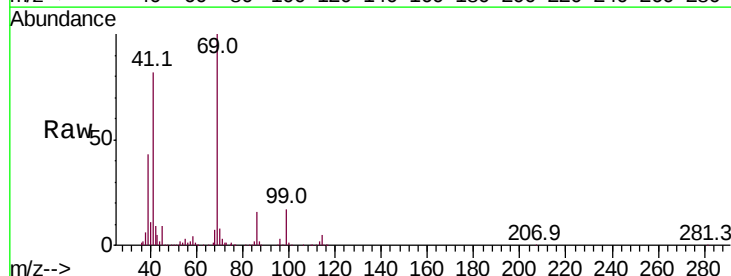
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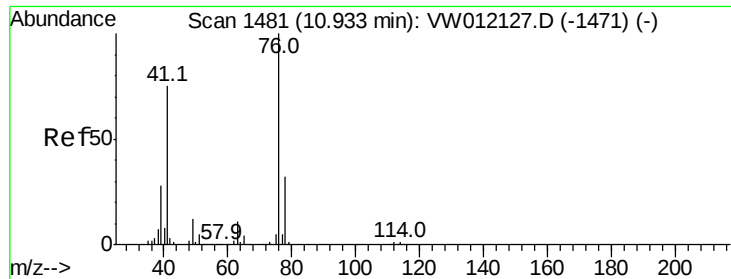
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 9/7/2019 12:46:14 AM



#56
 Ethyl methacrylate
 Concen: 57.445 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012609.D
 Acq: 05 Sep 2019 00:06

Tgt Ion:	69	Resp:	138518
Ion	Ratio	Lower	Upper
69	100		
41	83.4	66.5	99.7
39	40.1	31.0	46.4





#57

1,3-Dichloropropane

Concen: 56.000 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 175330

Ion Ratio Lower Upper

76 100

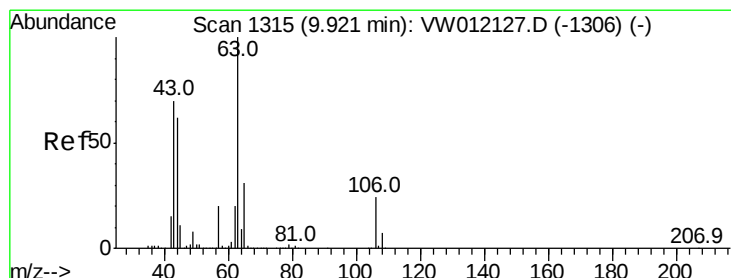
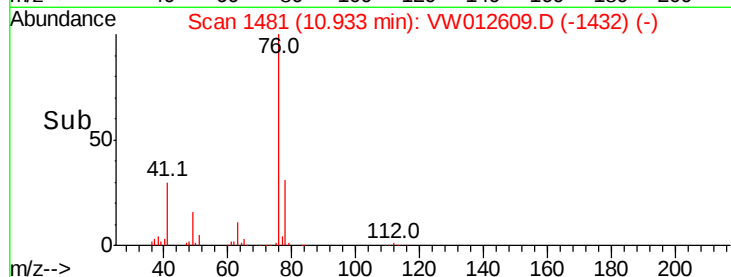
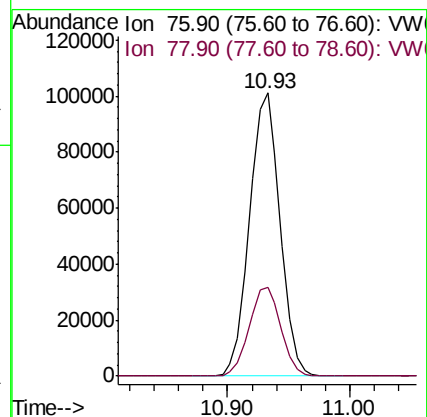
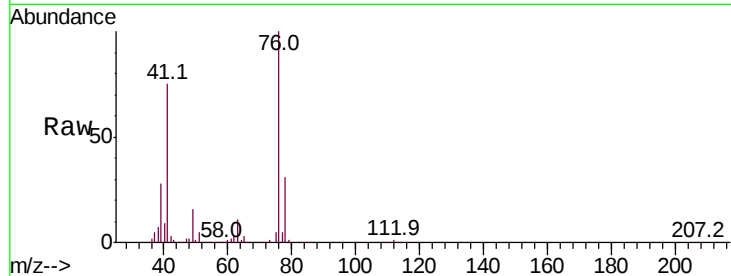
78 32.5 25.8 38.8

Manual Integrations

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9/7/2019 12:46:14 AM



#58

2-Chloroethyl Vinyl ether

Concen: 279.932 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW012609.D

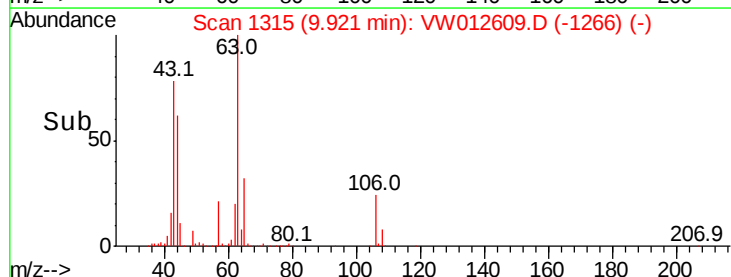
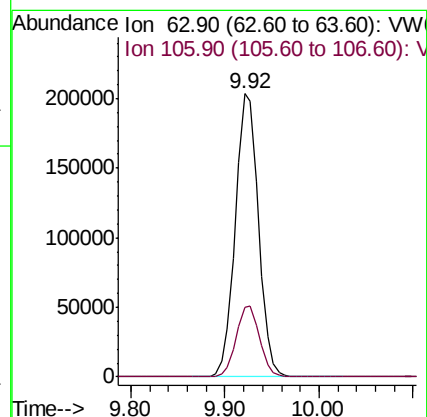
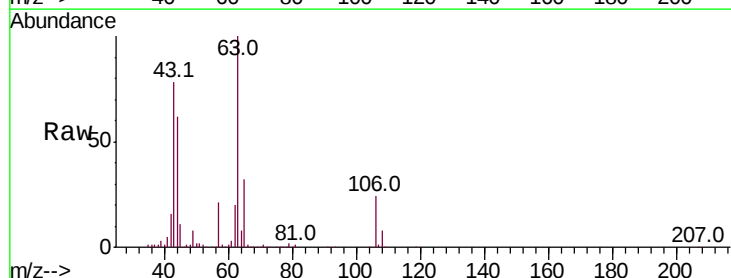
Acq: 05 Sep 2019 00:06

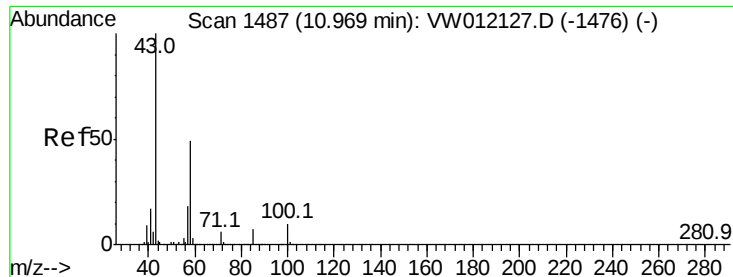
Tgt Ion: 63 Resp: 346427

Ion Ratio Lower Upper

63 100

106 25.4 19.8 29.8





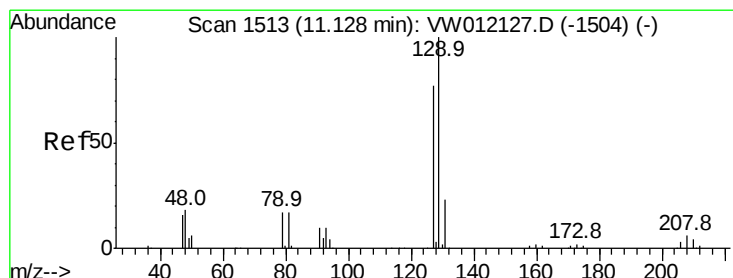
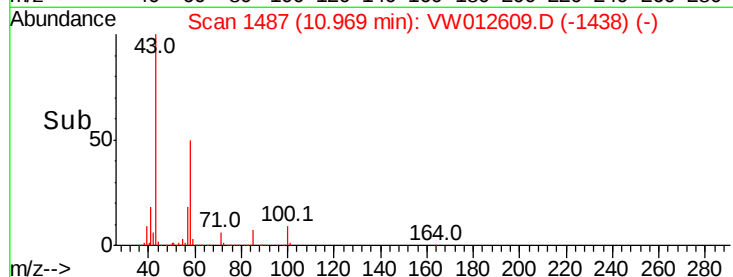
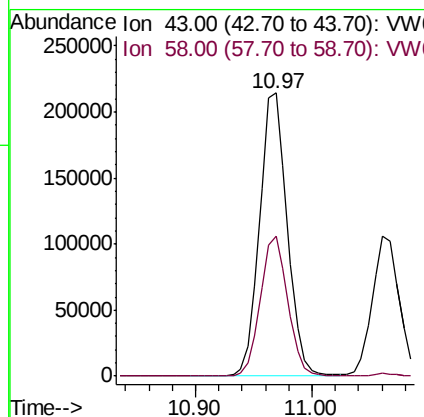
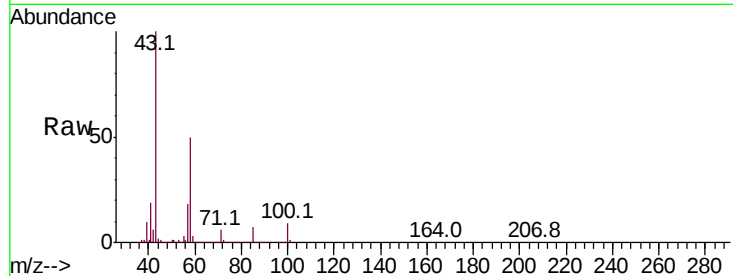
#59
2-Hexanone
Concen: 270.584 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.0	24.3	72.9

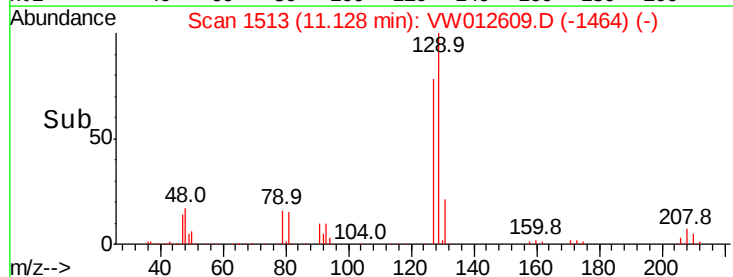
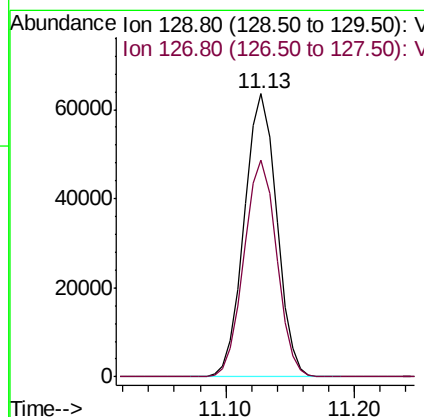
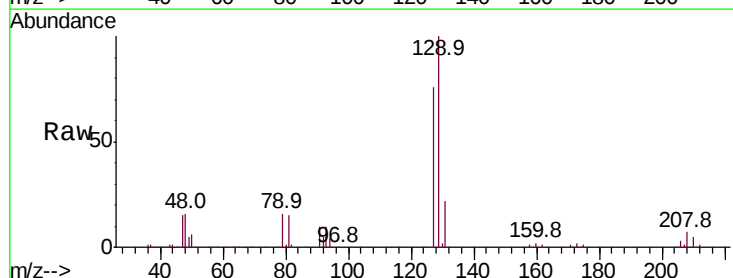
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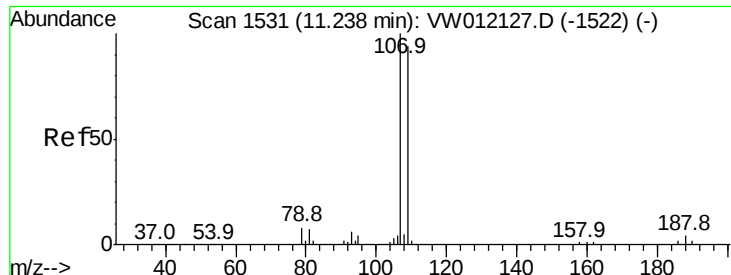
MMDadoda
9/7/2019 12:46:14 AM



#60
Dibromochloromethane
Concen: 60.055 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.6	115.8





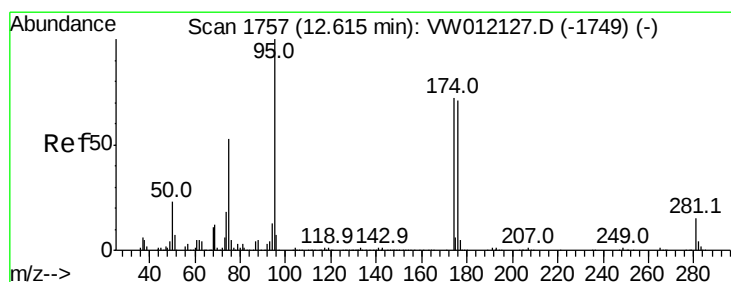
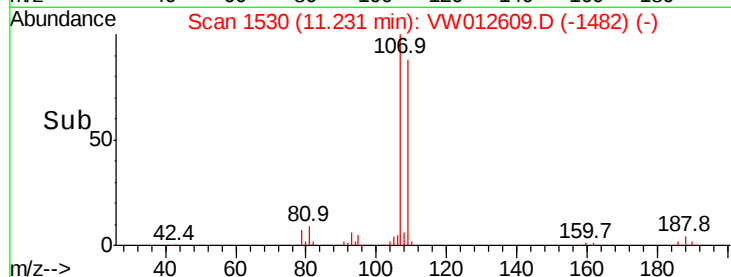
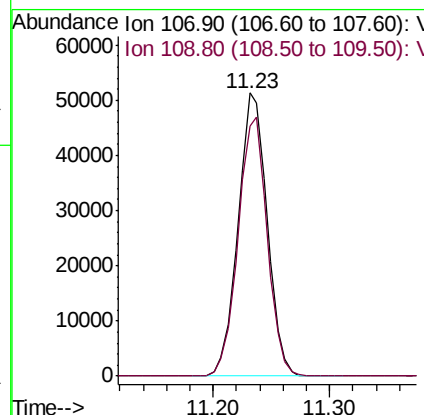
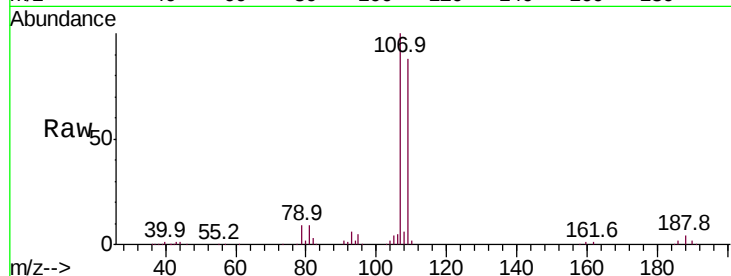
#61
 1,2-Dibromoethane
 Concen: 57.812 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012609.D
 Acq: 05 Sep 2019 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.7	75.4	113.2

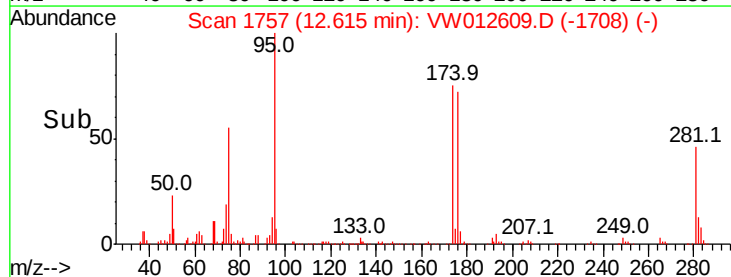
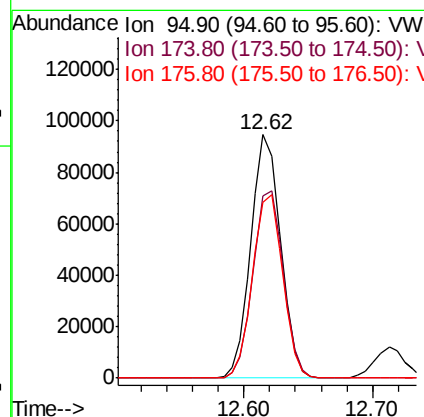
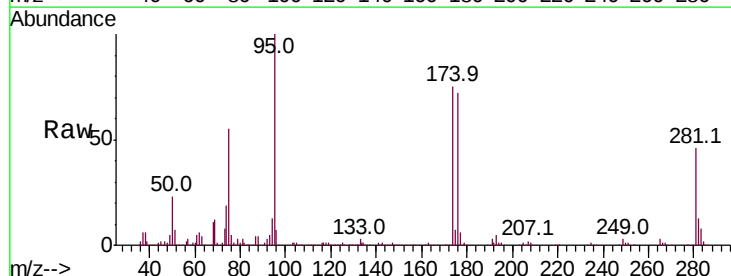
Manual Integrations
 APPROVED

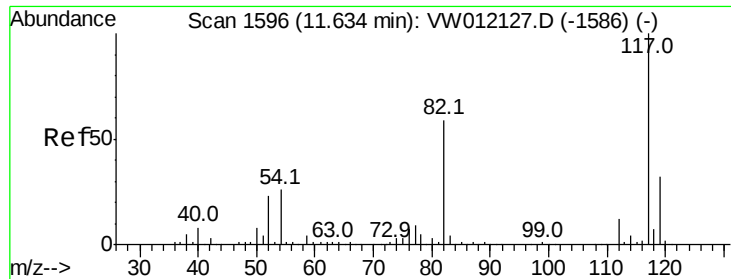
MMDadoda
 9/7/2019 12:46:14 AM



#62
 4-Bromofluorobenzene
 Concen: 50.960 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012609.D
 Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	150.8
176	76.4	0.0	148.6





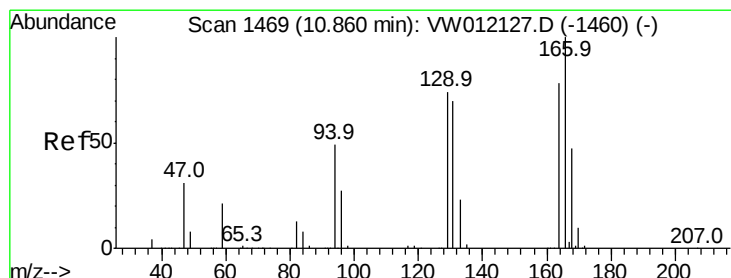
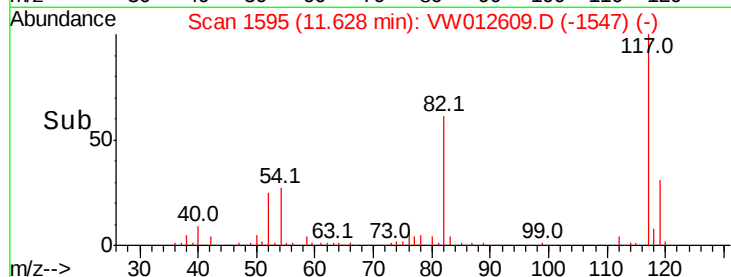
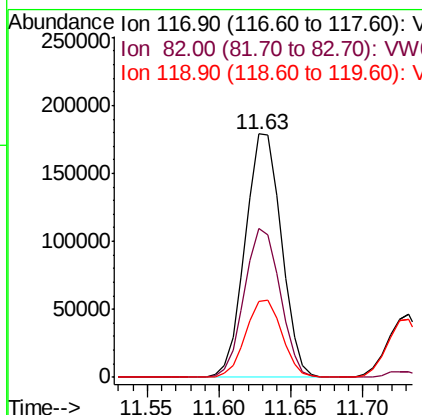
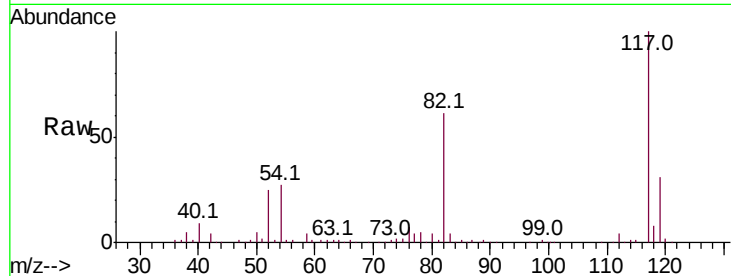
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	311329		
82	61.0	47.4	71.2	
119	30.9	25.4	38.2	

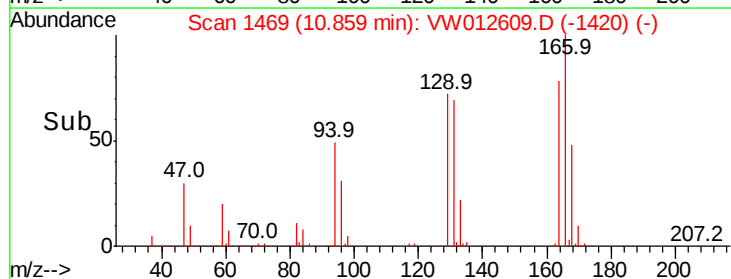
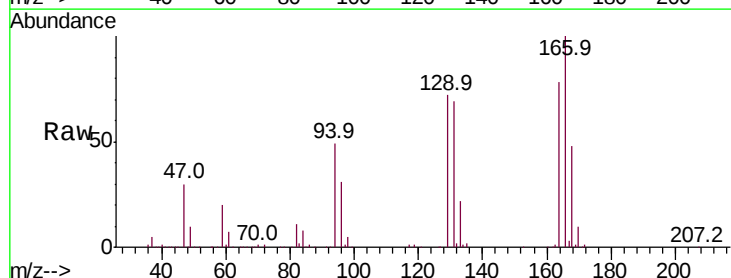
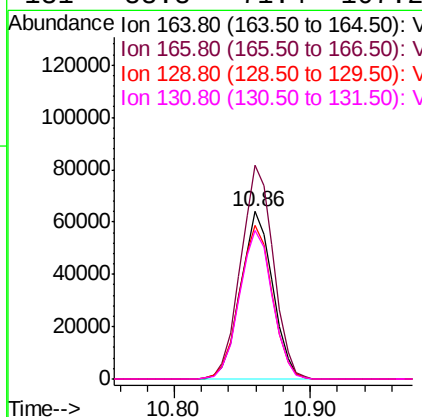
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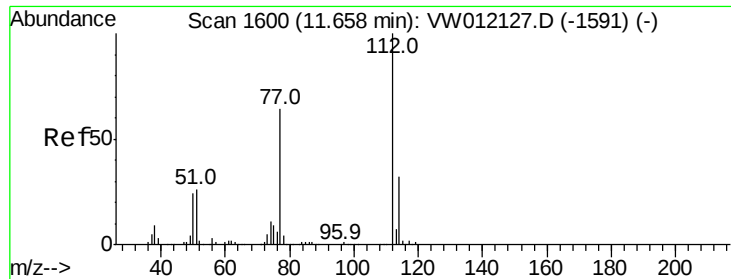
MMDadoda
9/7/2019 12:46:14 AM



#64
Tetrachloroethene
Concen: 52.300 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	105565		
166	127.8	102.4	153.6	
129	92.2	75.8	113.6	
131	88.8	71.4	107.2	





#65

Chlorobenzene

Concen: 52.200 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 320002

Ion Ratio Lower Upper

112 100

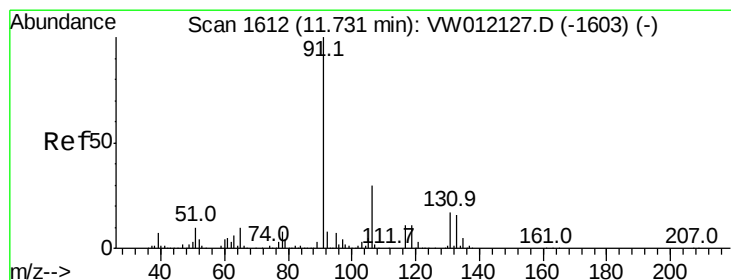
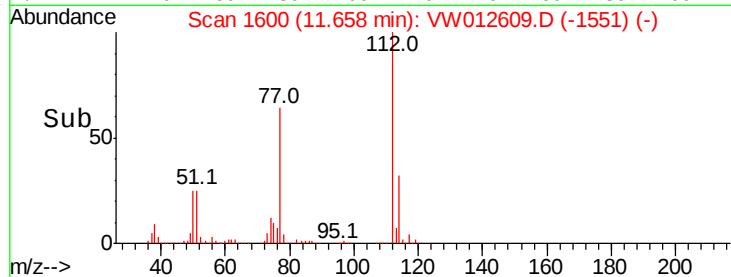
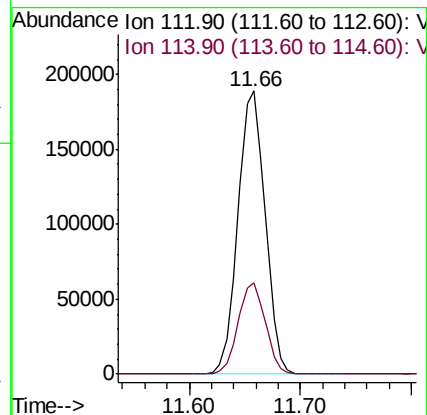
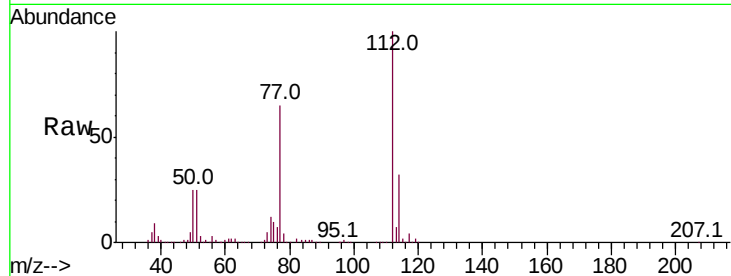
114 32.1 25.8 38.6

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 56.636 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

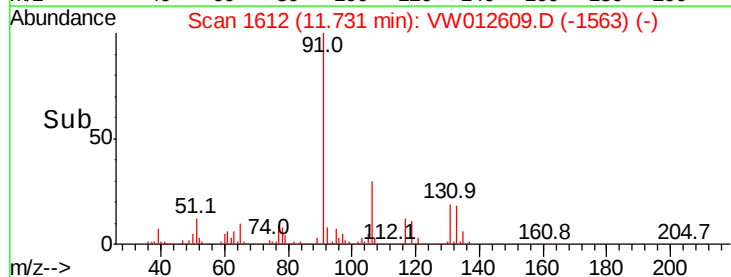
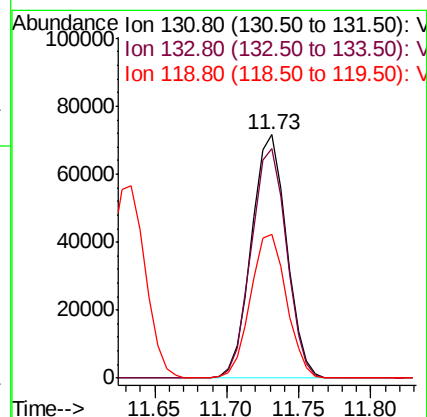
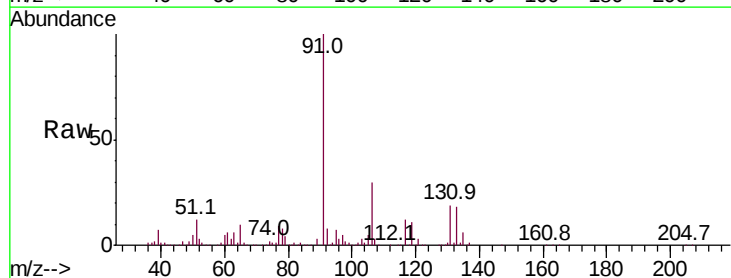
Tgt Ion:131 Resp: 121123

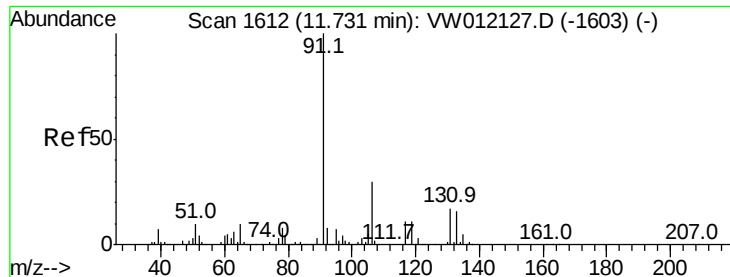
Ion Ratio Lower Upper

131 100

133 94.9 47.1 141.3

119 60.4 31.8 95.3





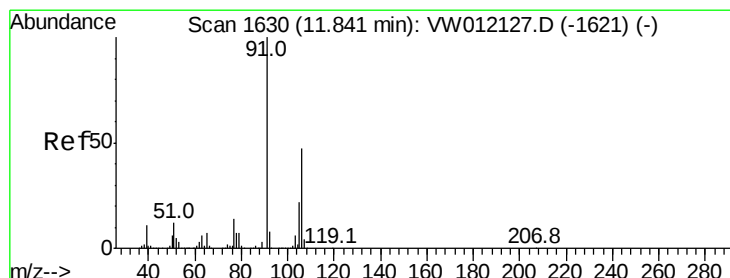
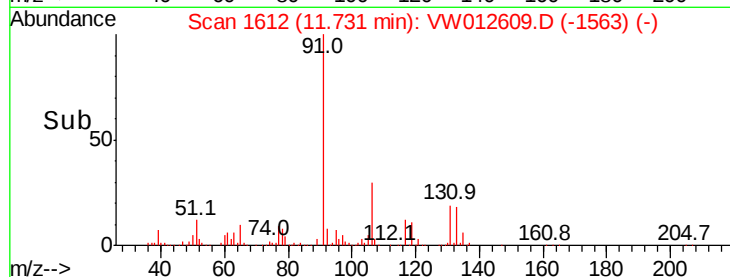
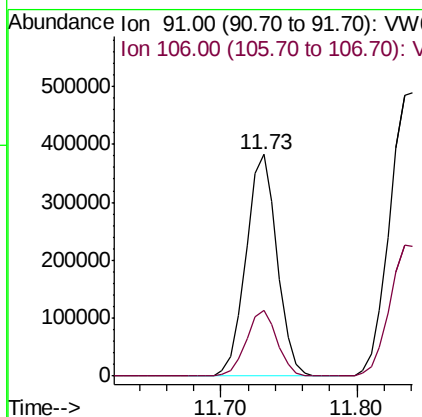
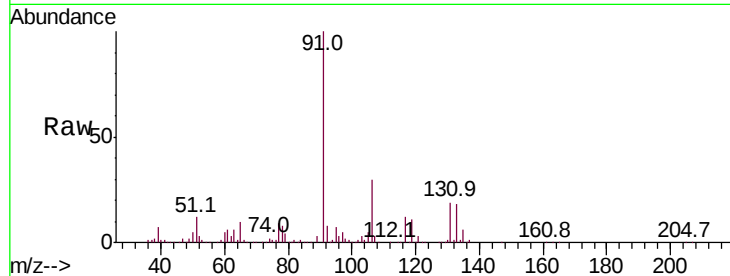
#67
Ethyl Benzene
Concen: 51.679 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 610280
Ion Ratio Lower Upper
91 100
106 29.6 24.3 36.5

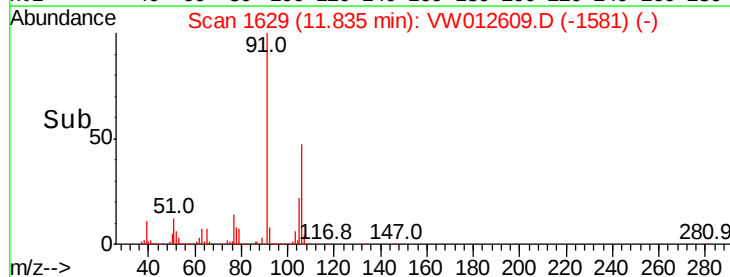
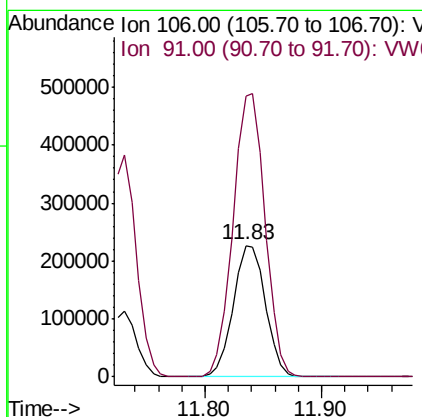
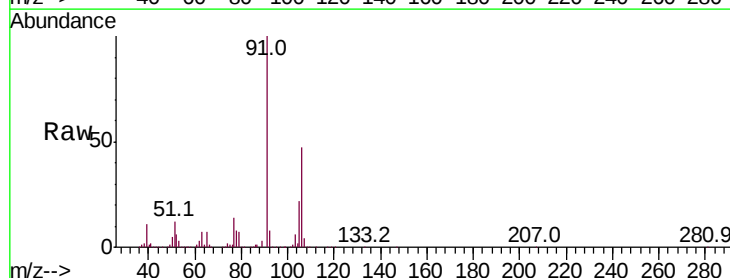
Manual Integrations
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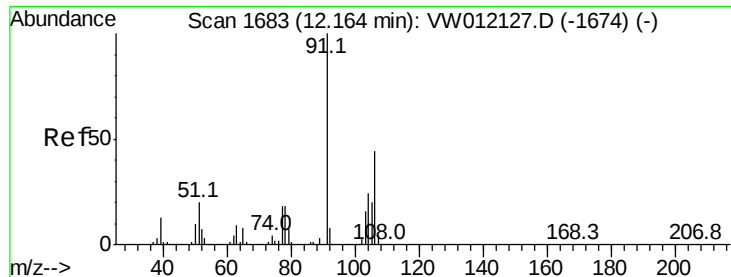
MMDadoda
9/7/2019 12:46:14 AM



#68
m/p-Xylenes
Concen: 102.628 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Tgt Ion: 106 Resp: 436556
Ion Ratio Lower Upper
106 100
91 213.9 169.5 254.3





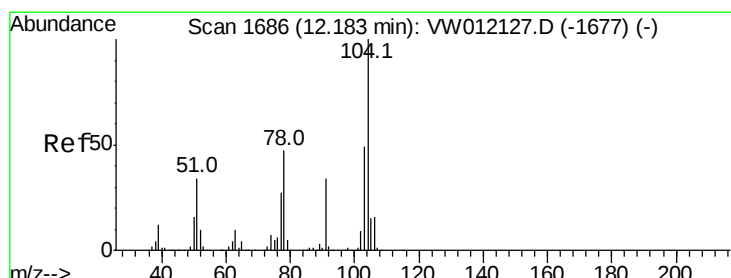
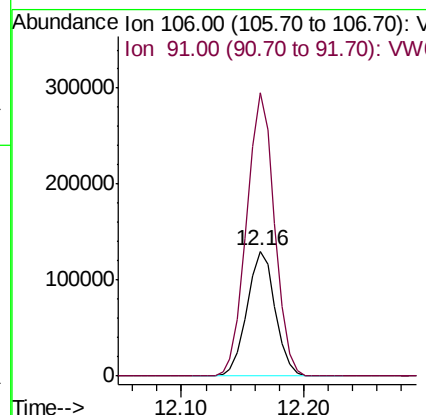
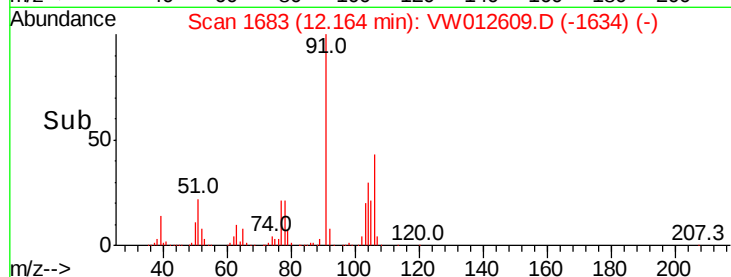
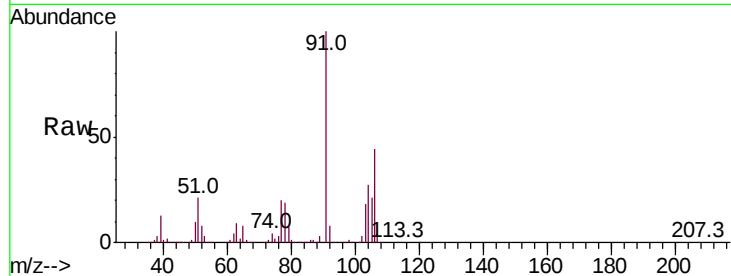
#69
o-Xylene
Concen: 52.627 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 207192
Ion Ratio Lower Upper
106 100
91 225.9 111.6 334.6

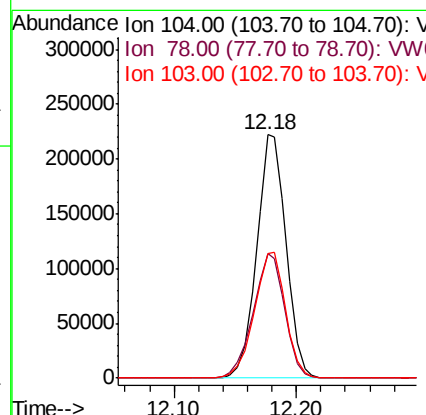
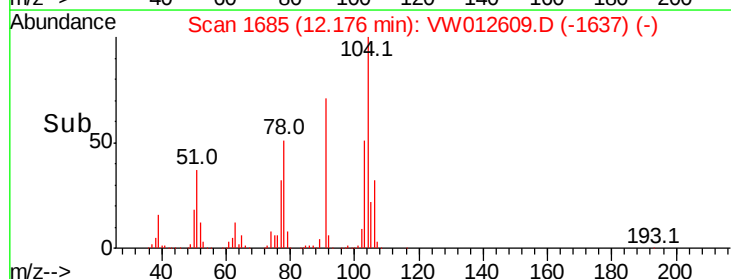
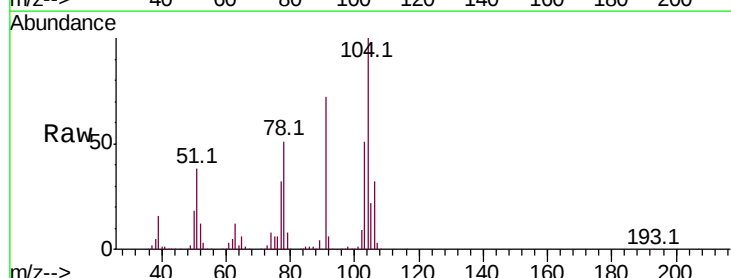
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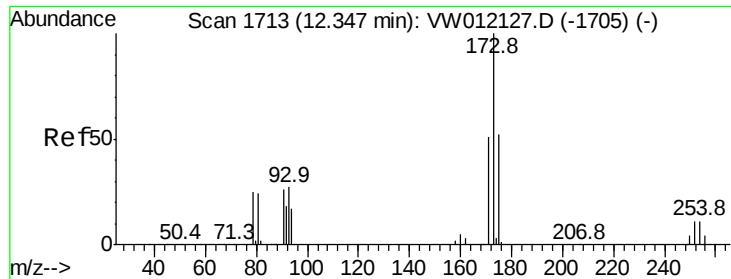
MMDadoda
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#70
Styrene
Concen: 54.430 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Tgt Ion:104 Resp: 370917
Ion Ratio Lower Upper
104 100
78 54.8 43.1 64.7
103 54.7 43.5 65.3





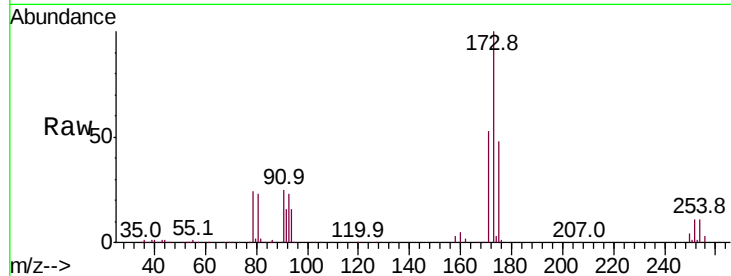
#71
Bromoform
Concen: 59.136 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.4	24.6	74.0
254	0.1	0.2	0.2#

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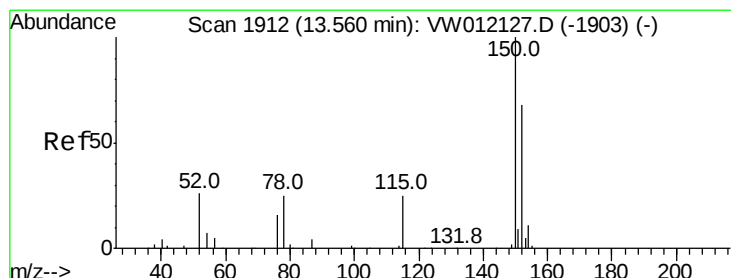
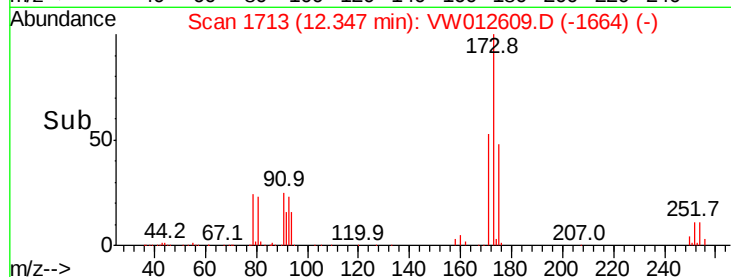
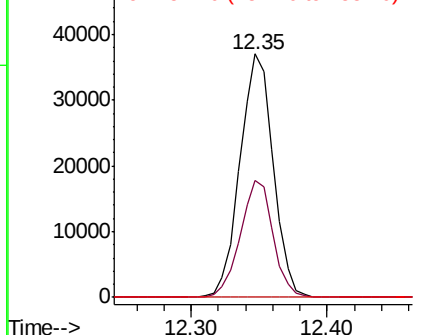


Abundance

Ion 172.70 (172.40 to 173.40): V

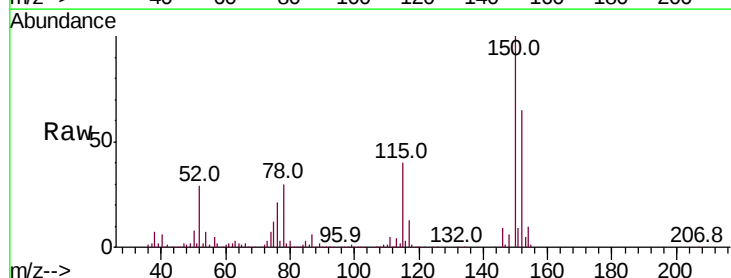
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.1	90.3
150	171.6	0.0	345.8

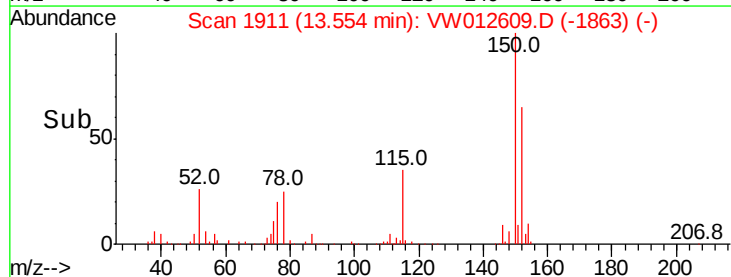
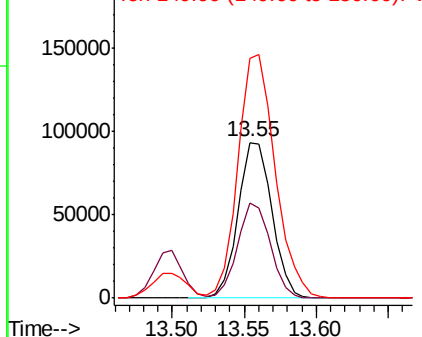


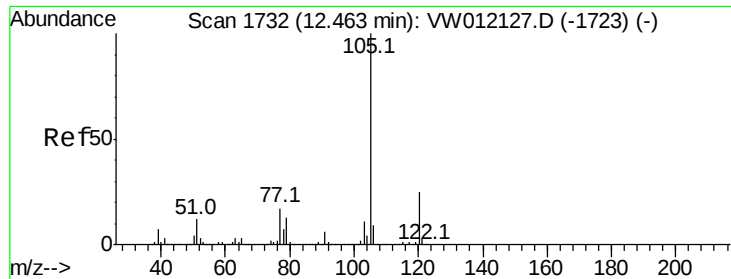
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





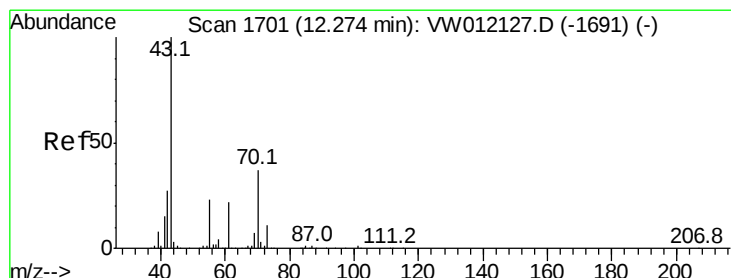
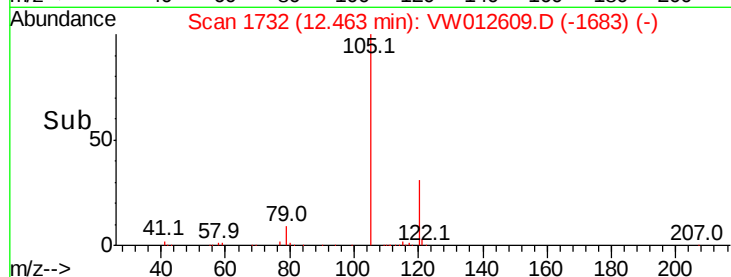
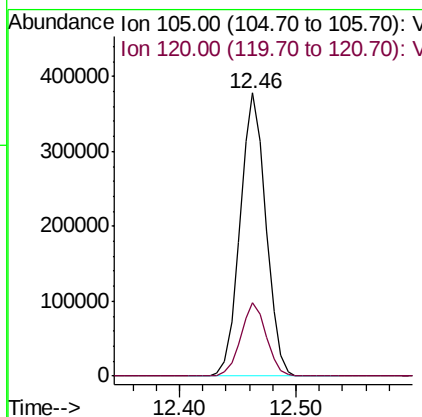
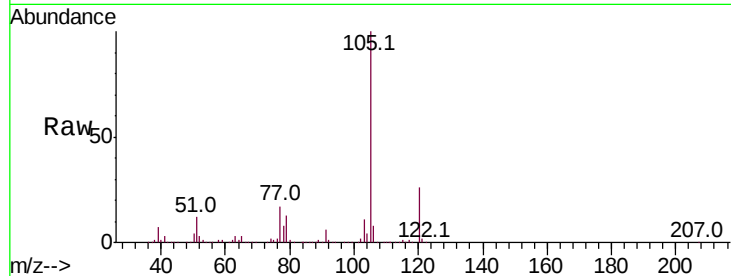
#73
Isopropylbenzene
Concen: 50.958 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.5	37.5

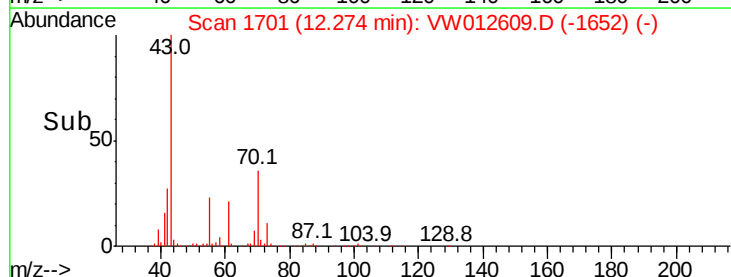
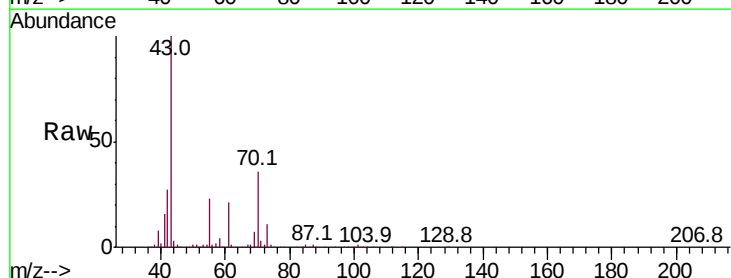
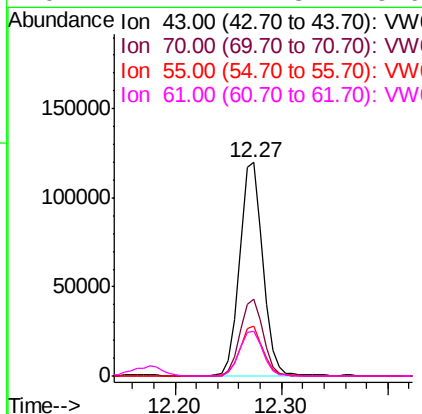
Manual Integrations
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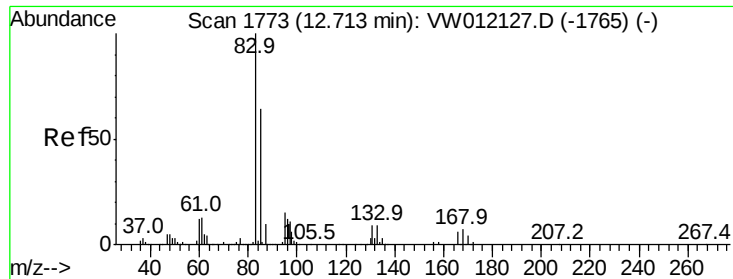
MMDadoda
9/7/2019 12:46:14 AM



#74
N-ethyl acetate
Concen: 52.999 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
43	100		
70	35.9	28.6	43.0
55	23.0	17.8	26.6
61	21.4	17.3	25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 53.262 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_W

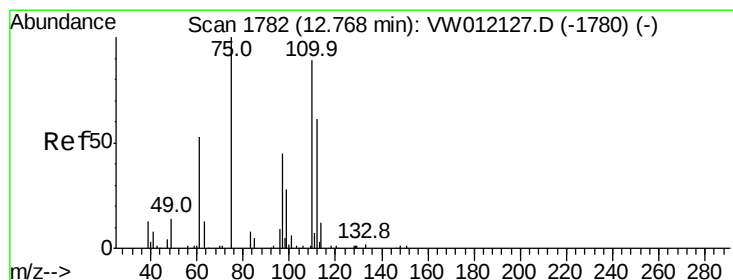
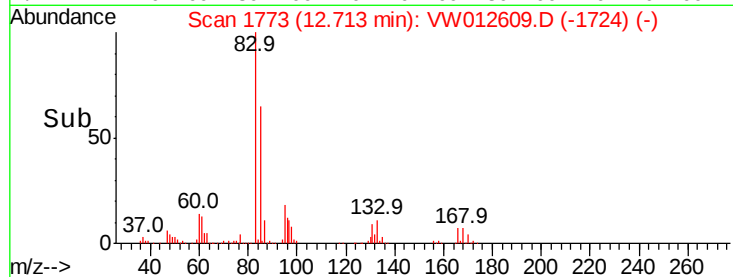
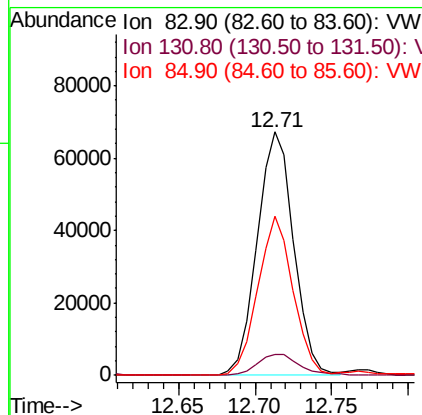
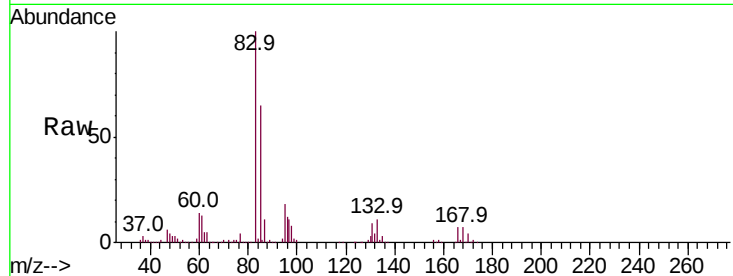
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	111766
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.9	14.7
85	62.9	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.062 ug/l m

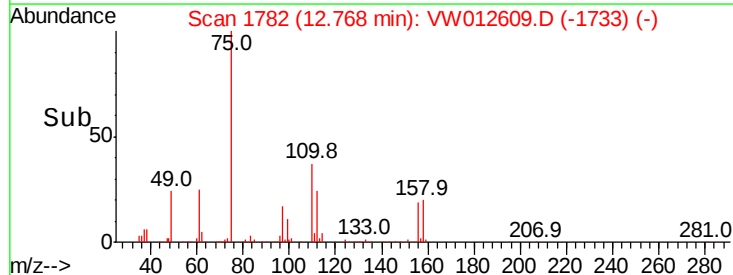
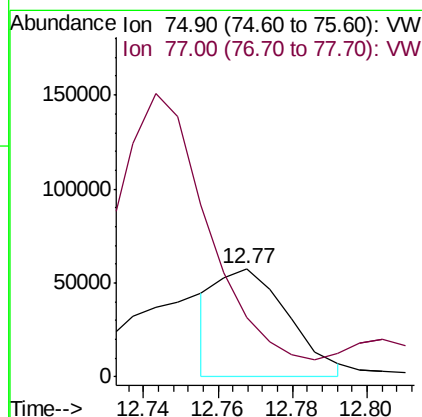
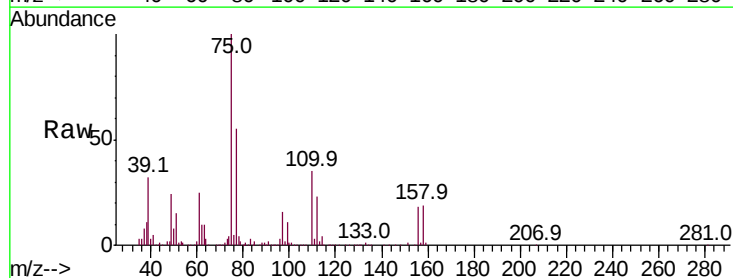
RT: 12.77 min Scan# 1782

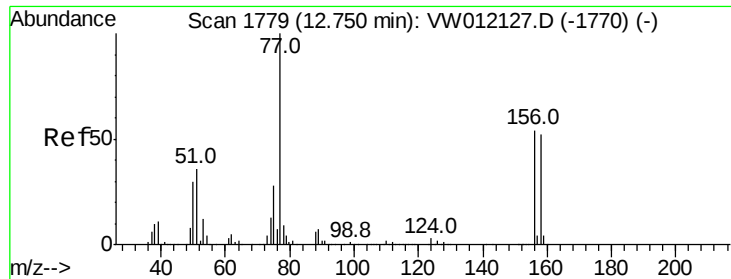
Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Tgt Ion:	75	Resp:	75966
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.475 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_W

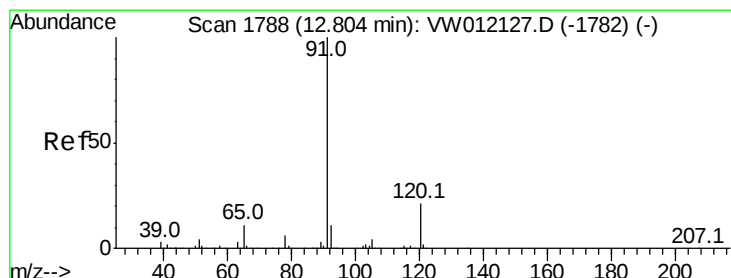
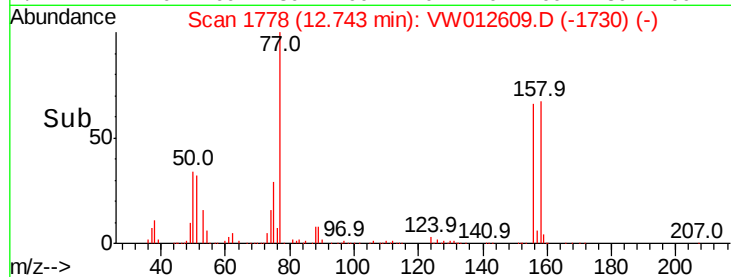
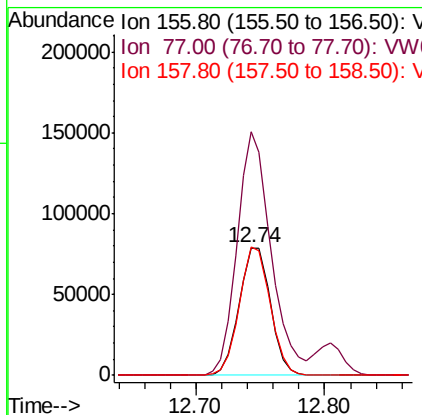
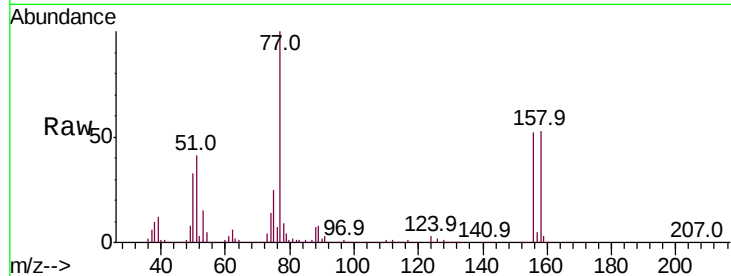
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	207.6	107.3	321.8
158	98.9	49.0	147.0

Manual Integrations
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#78

n-propylbenzene

Concen: 50.158 ug/l

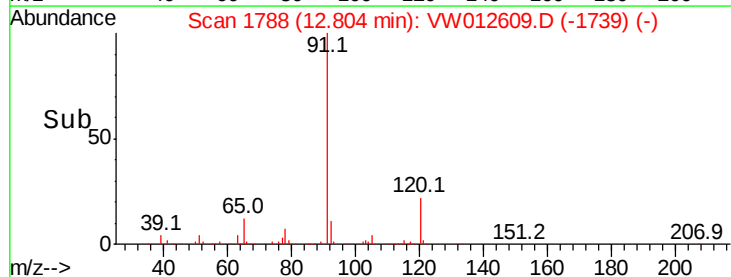
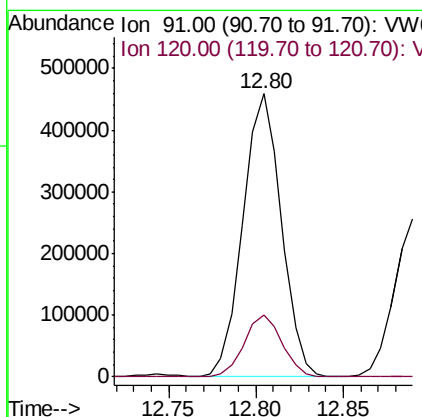
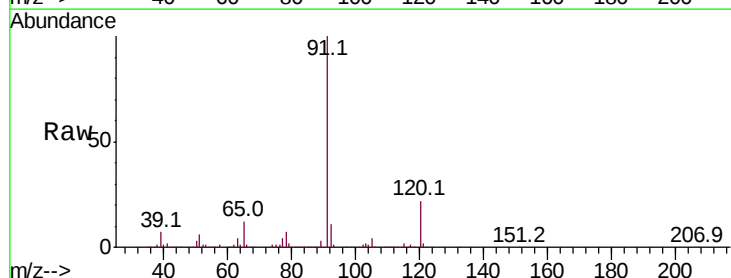
RT: 12.80 min Scan# 1788

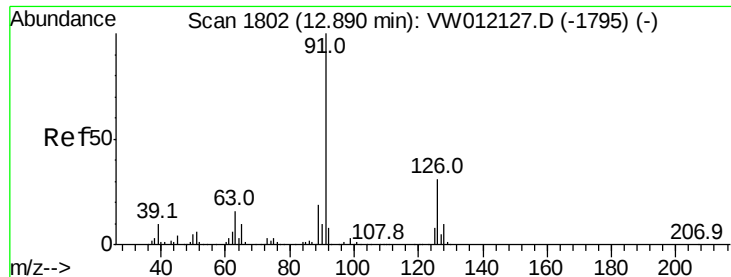
Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.5	31.6





#79

2-Chlorotoluene

Concen: 51.722 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 410329

Ion Ratio Lower Upper

91 100

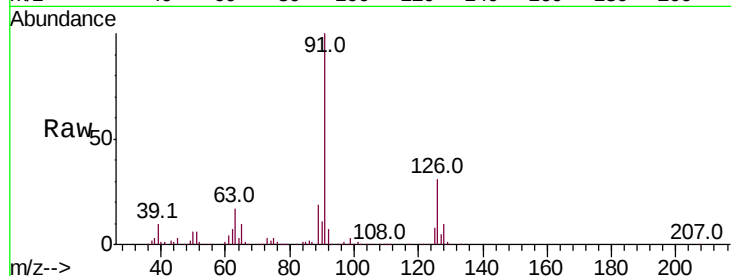
126 31.4 15.7 47.0

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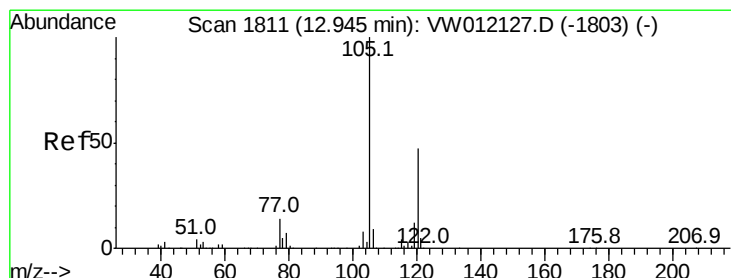
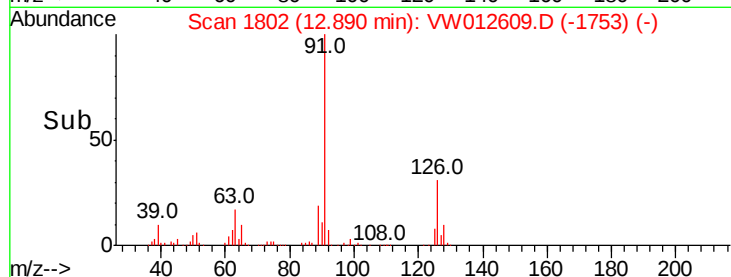
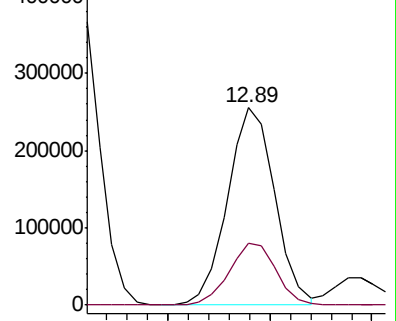
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.253 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012609.D

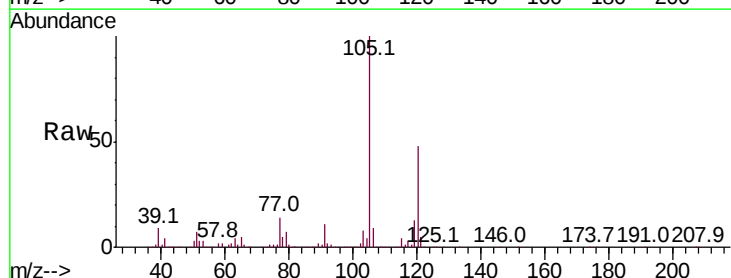
Acq: 05 Sep 2019 00:06

Tgt Ion:105 Resp: 499767

Ion Ratio Lower Upper

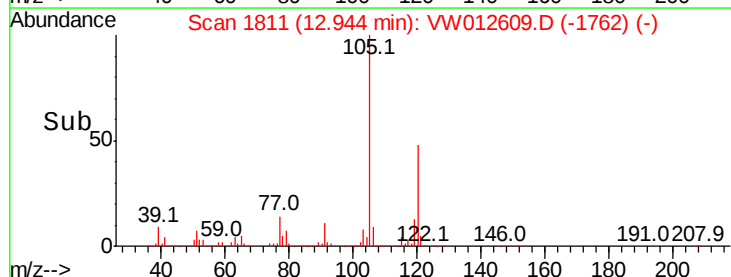
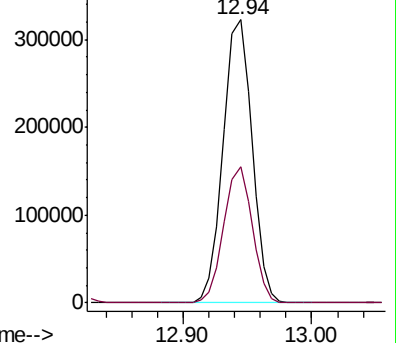
105 100

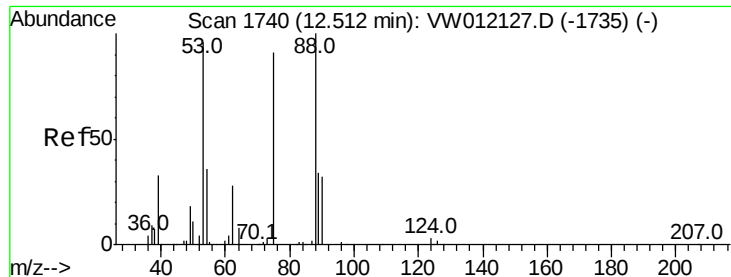
120 47.6 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 52.704 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_W

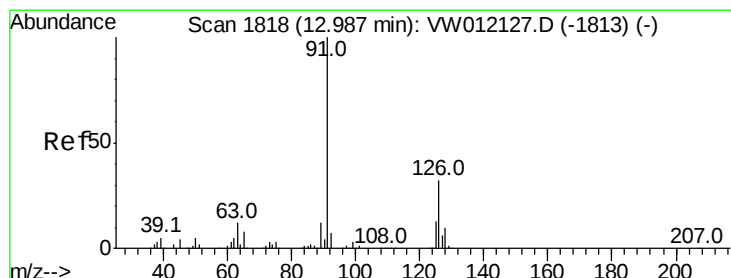
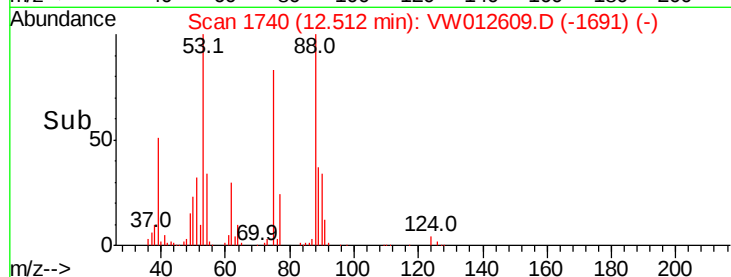
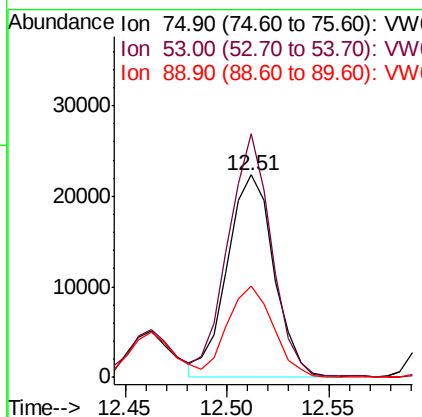
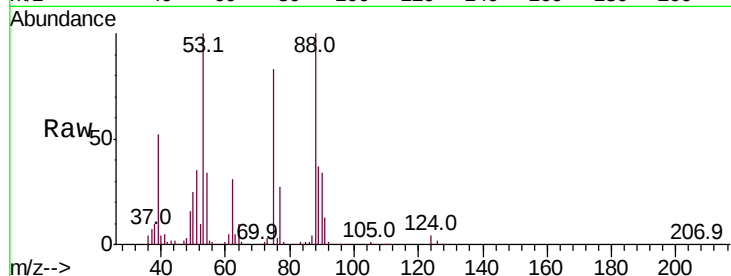
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	35762
Ion	Ratio	Lower	Upper
75	100		
53	112.1	89.4	134.0
89	43.6	34.5	51.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.787 ug/l

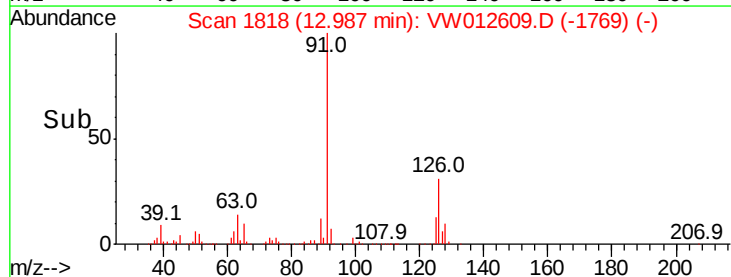
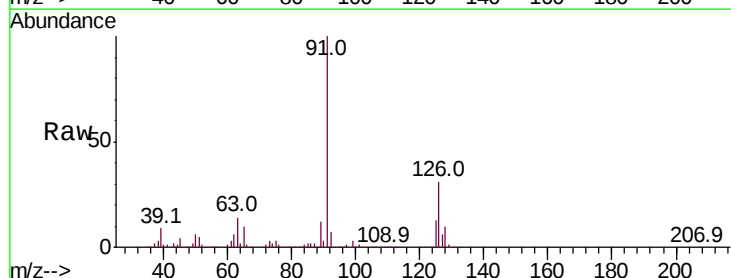
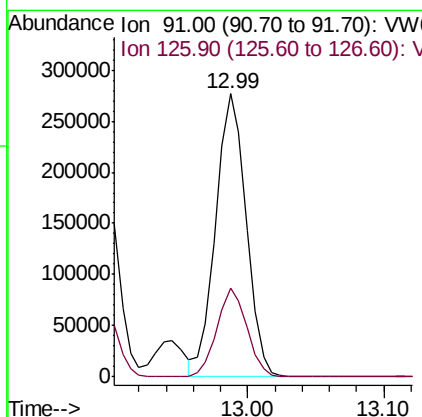
RT: 12.99 min Scan# 1818

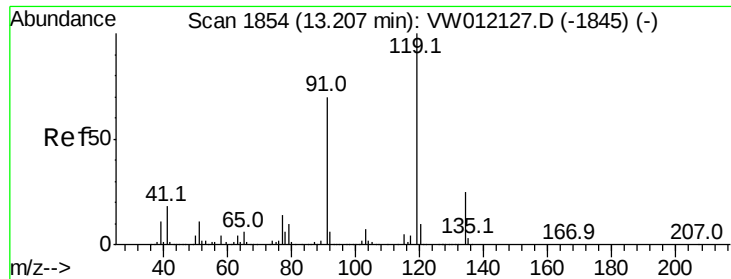
Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Tgt Ion:	91	Resp:	430189
Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.6	46.8





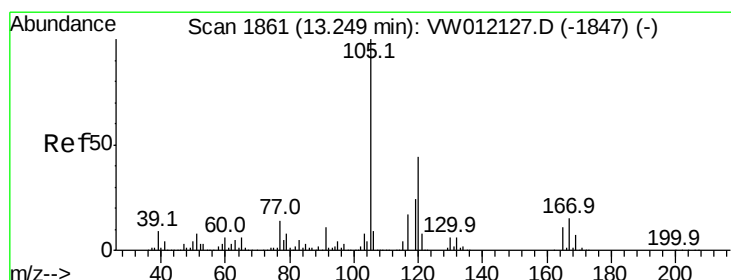
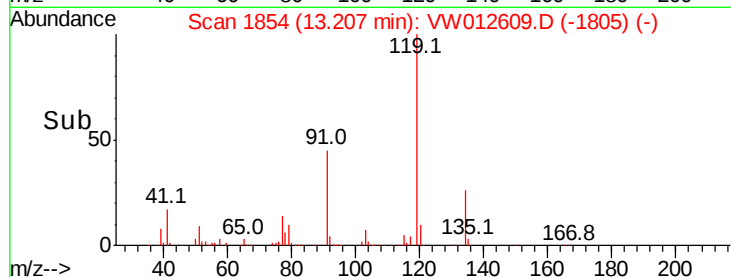
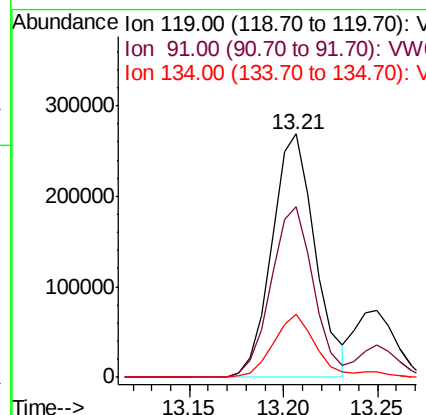
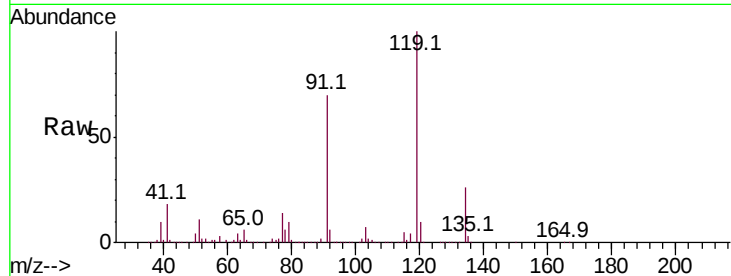
#83
tert-Butylbenzene
Concen: 52.759 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.7	34.8	104.3
134	25.0	13.3	39.8

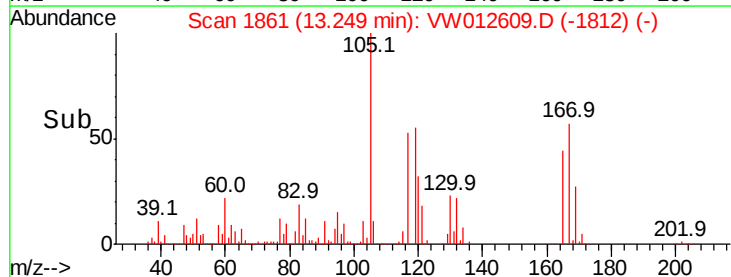
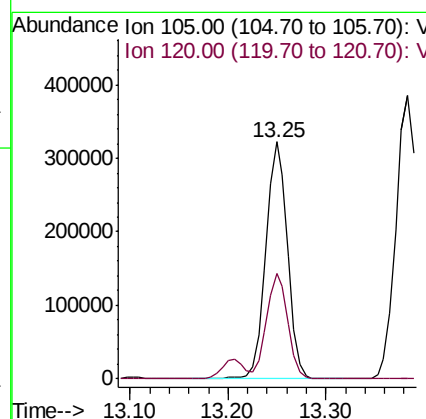
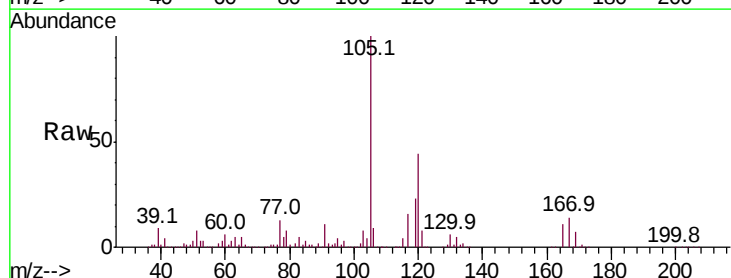
Manual Integrations
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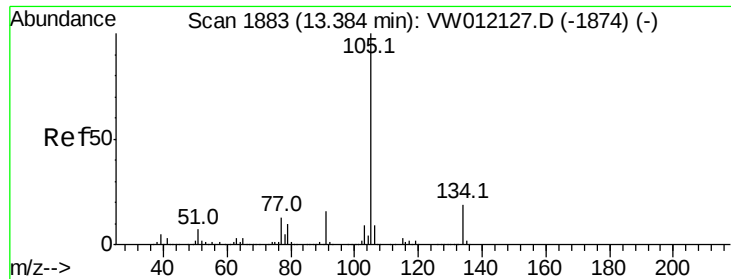
MMDadoda
9/7/2019 12:46:14 AM



#84
1,2,4-Trimethylbenzene
Concen: 51.763 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.4	21.9	65.7





#85

sec-Butylbenzene

Concen: 50.592 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 587245

Ion Ratio Lower Upper

105 100

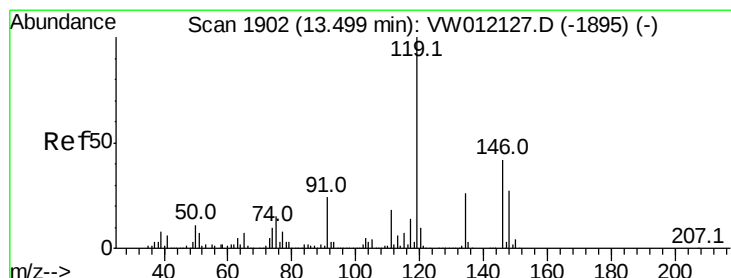
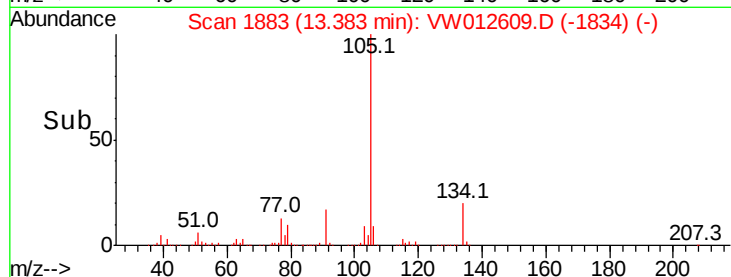
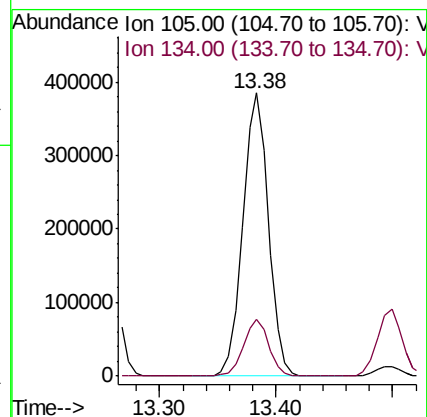
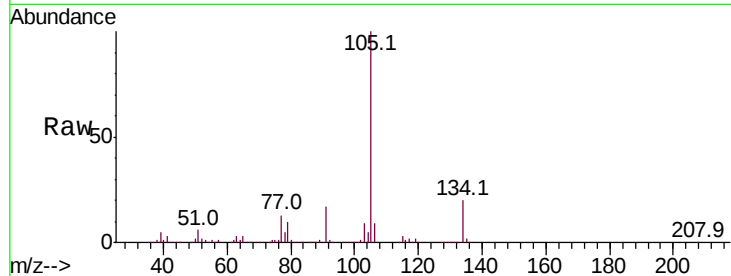
134 19.8 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.239 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012609.D

Acq: 05 Sep 2019 00:06

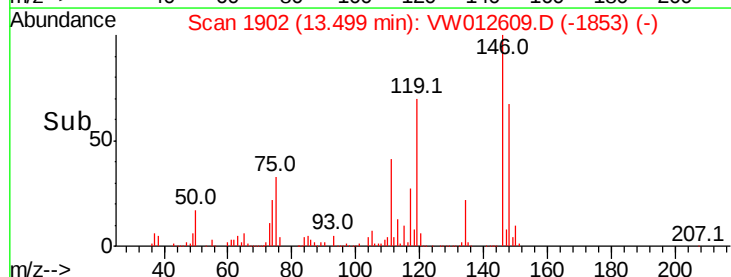
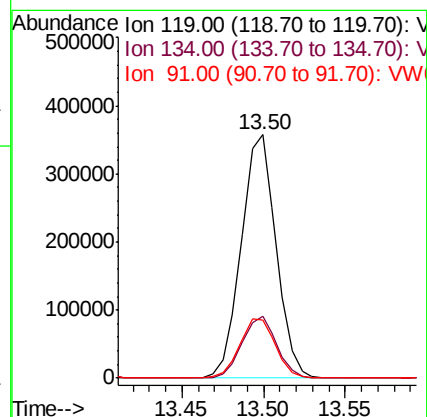
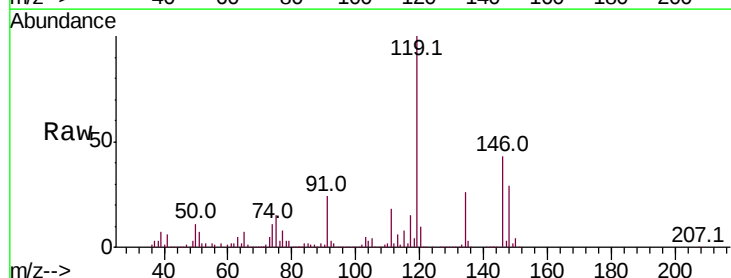
Tgt Ion:119 Resp: 531151

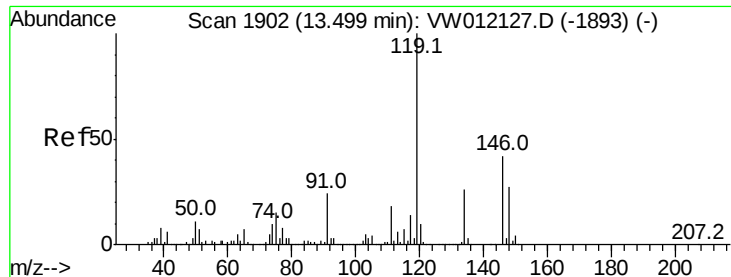
Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.3

91 24.9 12.3 36.9





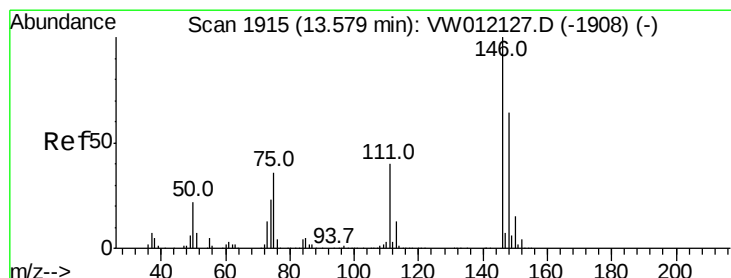
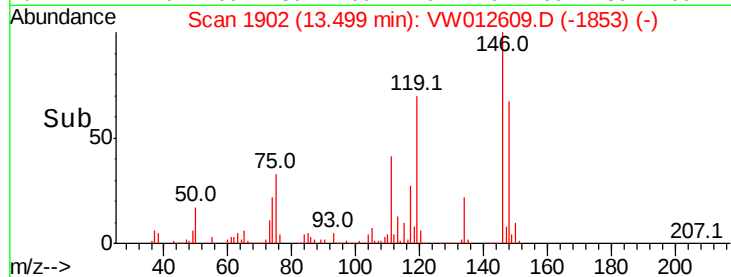
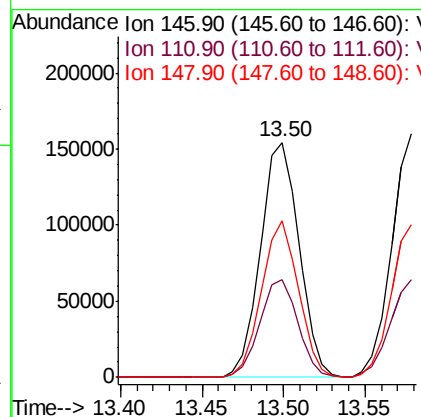
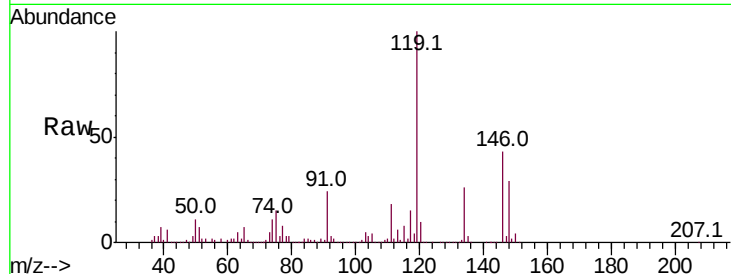
#87
 1,3-Dichlorobenzene
 Concen: 52.347 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012609.D
 Acq: 05 Sep 2019 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	253541		
111	41.1	20.9	62.7	
148	64.0	32.2	96.6	

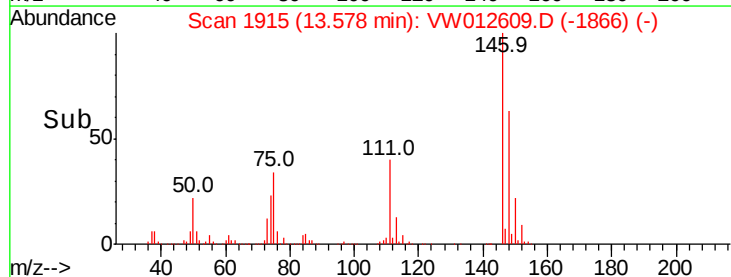
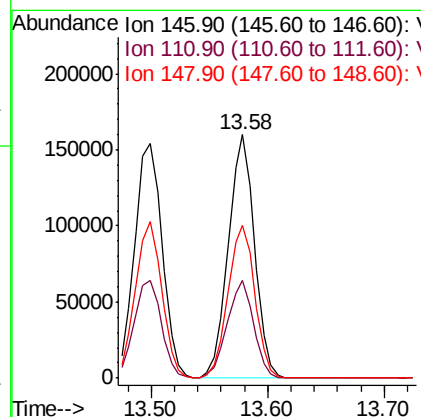
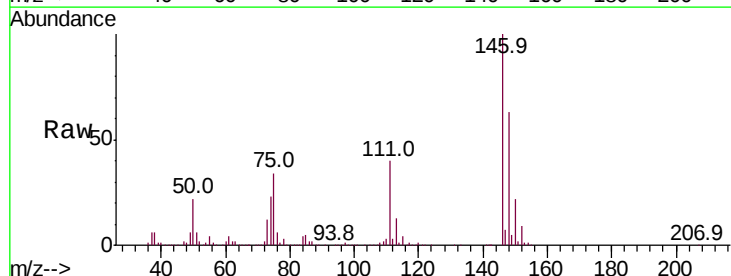
Manual Integrations
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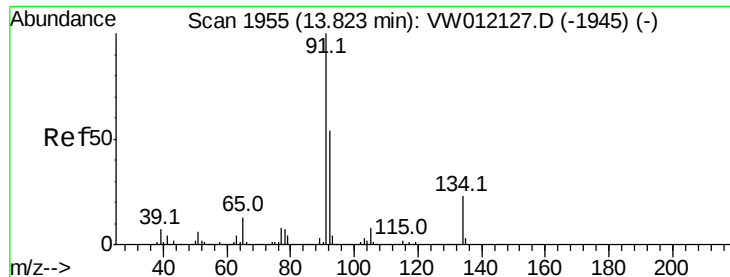
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 9/7/2019 12:46:14 AM



#88
 1,4-Dichlorobenzene
 Concen: 51.786 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012609.D
 Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	249051		
111	40.3	20.0	60.0	
148	64.4	32.1	96.3	





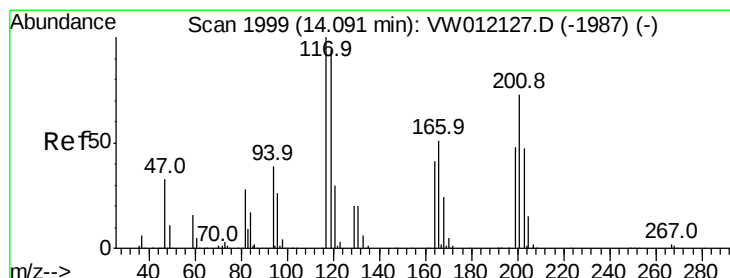
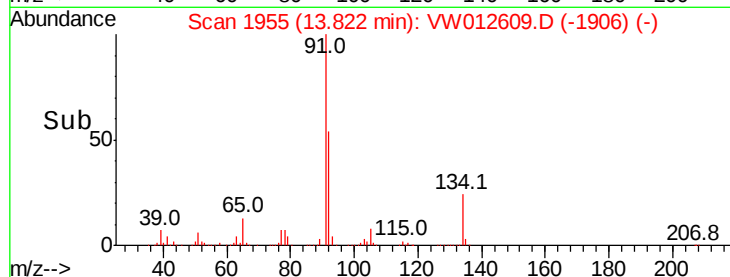
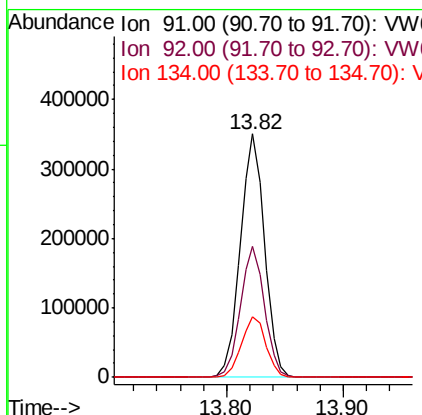
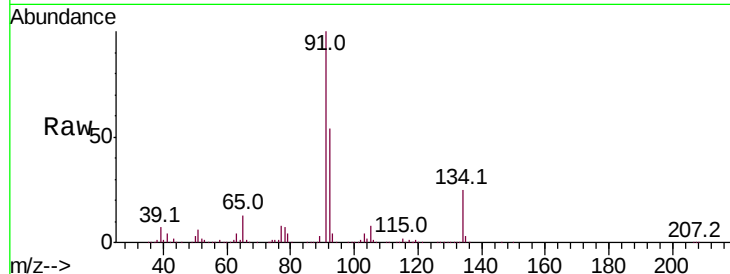
#89
n-Butylbenzene
Concen: 49.325 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.4		27.1	81.2
134	25.2		12.2	36.4

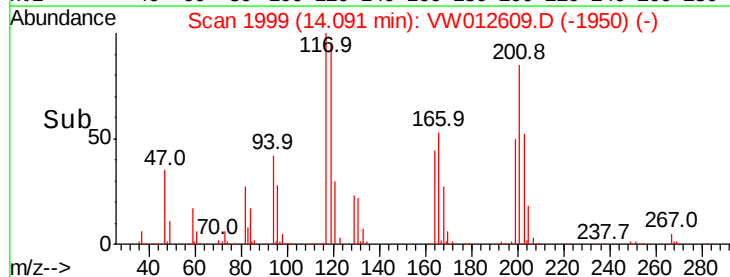
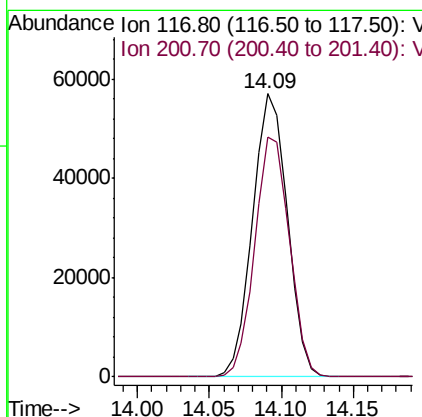
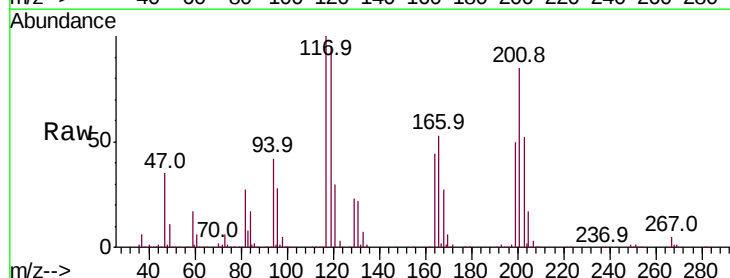
Manual Integrations
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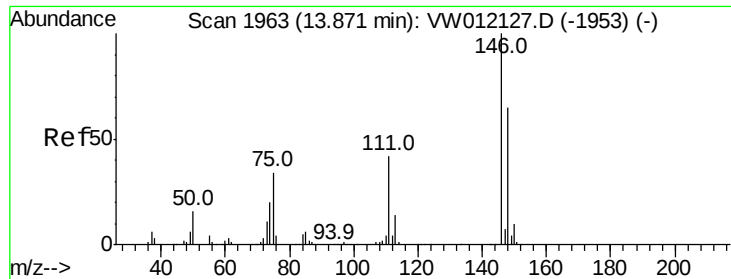
MMDadoda
9/7/2019 12:46:14 AM



#90
Hexachloroethane
Concen: 52.438 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	84.5		38.6	115.7





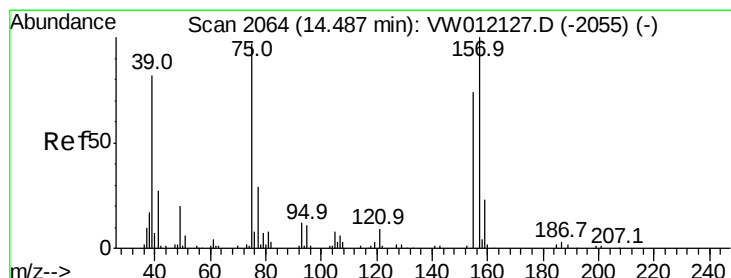
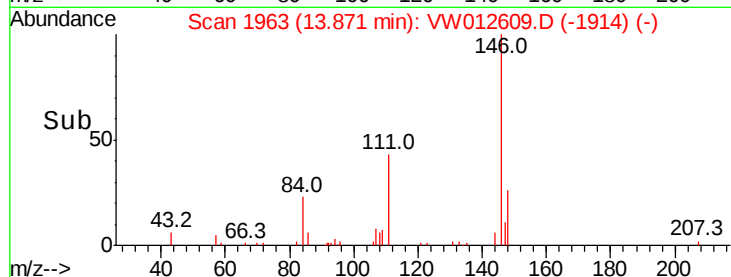
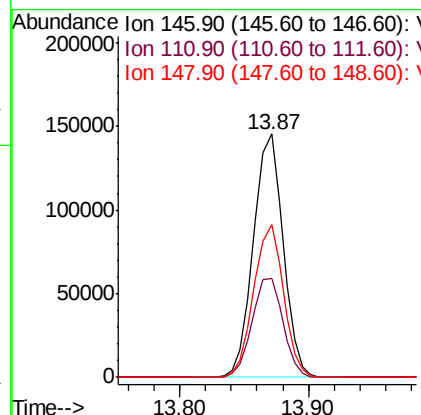
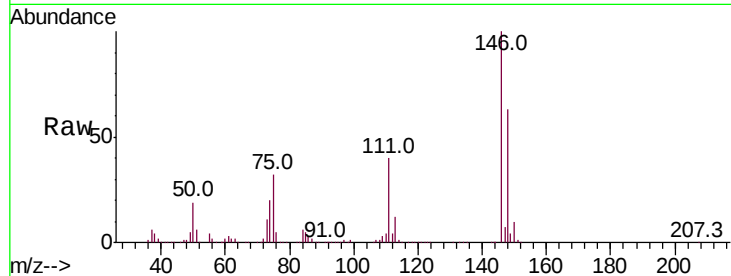
#91
 1,2-Dichlorobenzene
 Concen: 54.538 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012609.D
 Acq: 05 Sep 2019 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.2	63.6
148	63.1	32.5	97.4

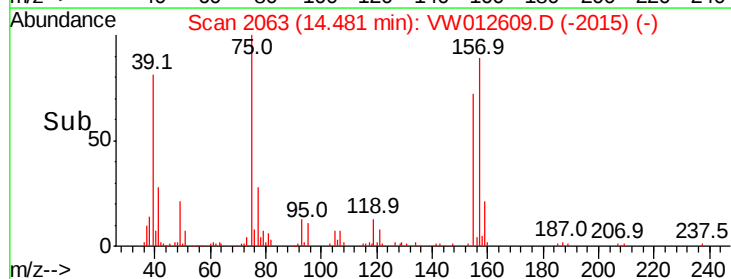
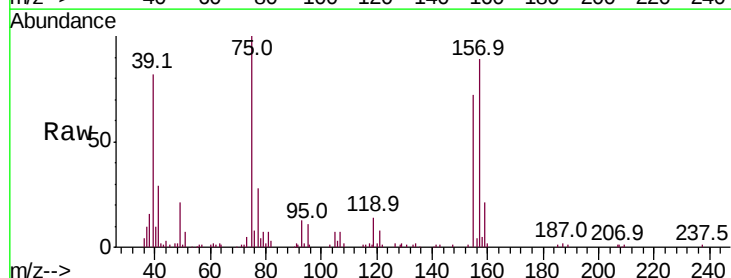
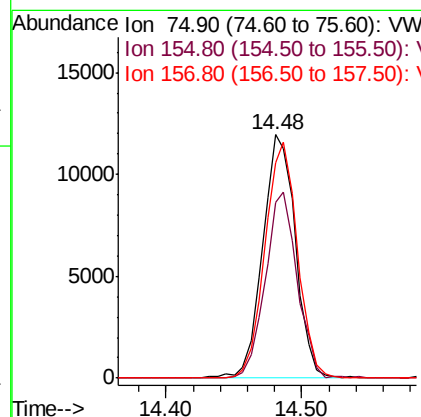
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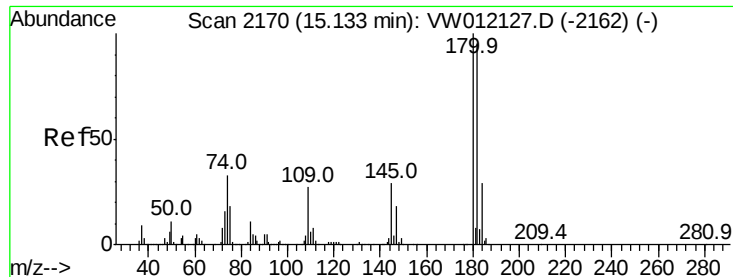
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.922 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012609.D
 Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.5	37.5	112.3
157	96.2	50.5	151.5





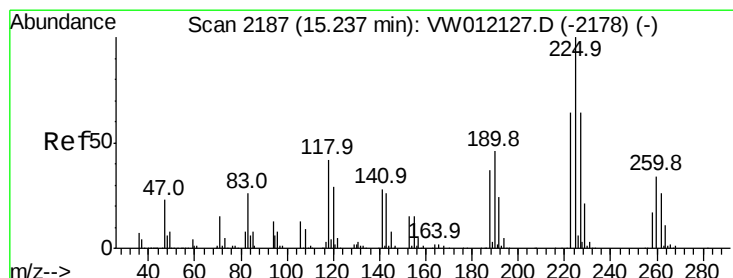
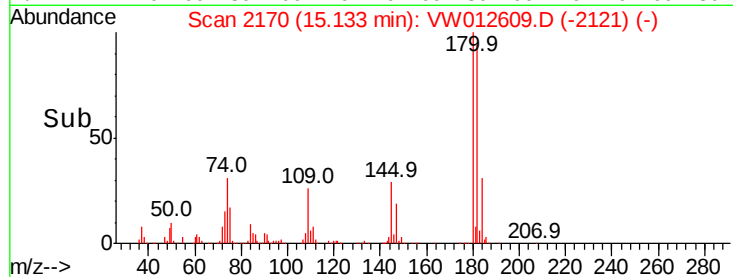
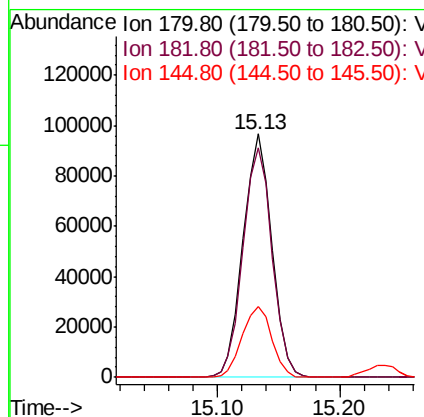
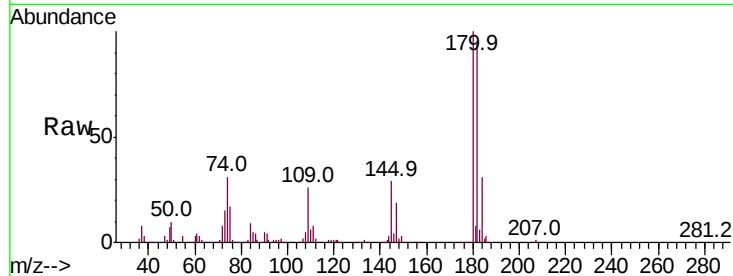
#93
 1,2,4-Trichlorobenzene
 Concen: 53.646 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012609.D
 Acq: 05 Sep 2019 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	47.8	143.4	
145	30.2	15.0	45.1	

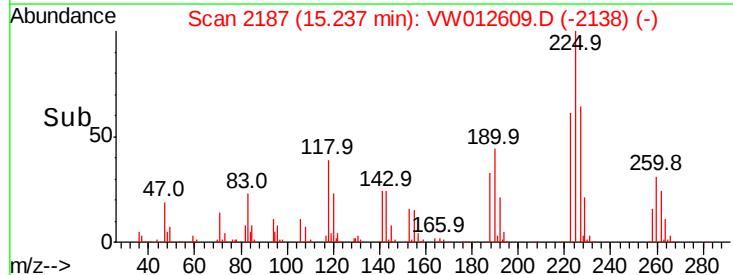
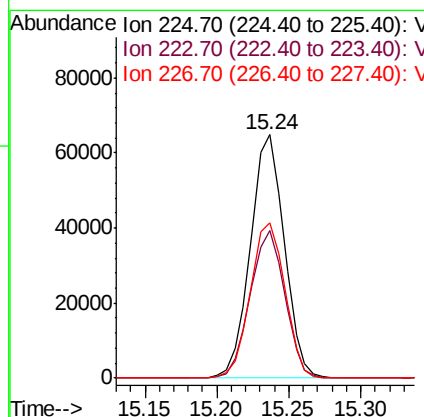
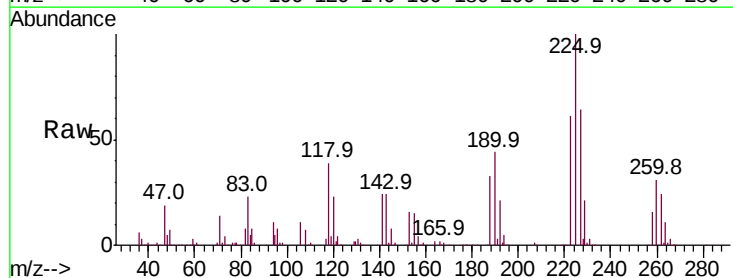
Manual Integrations
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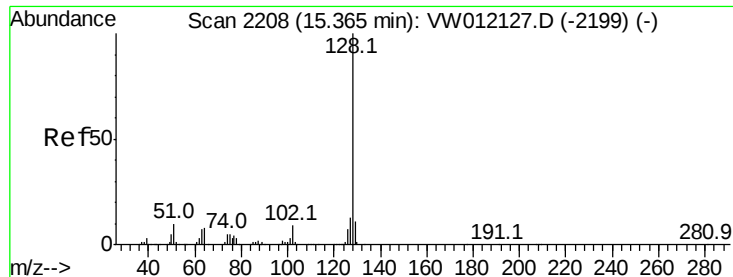
MMDadoda
 9/7/2019 12:46:14 AM



#94
 Hexachlorobutadiene
 Concen: 54.441 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012609.D
 Acq: 05 Sep 2019 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	32.3	96.8	
227	65.2	32.9	98.6	





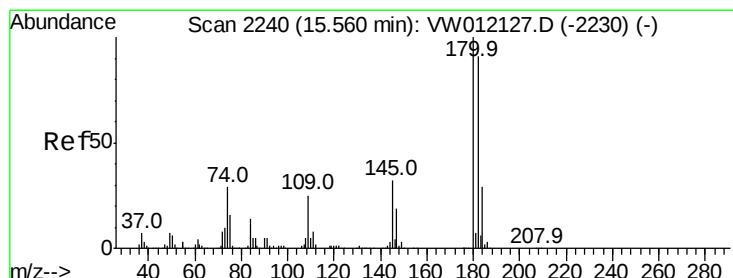
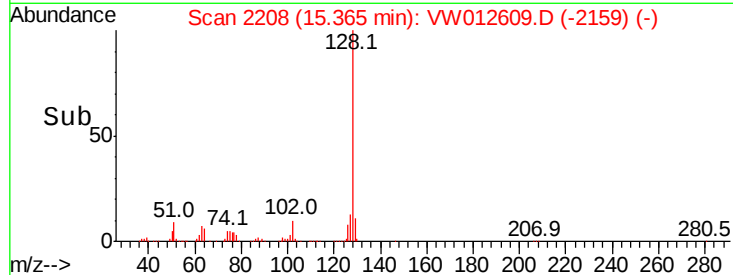
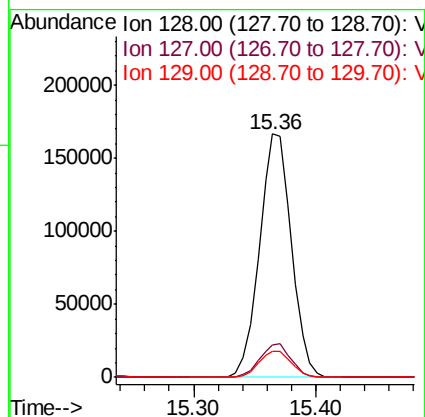
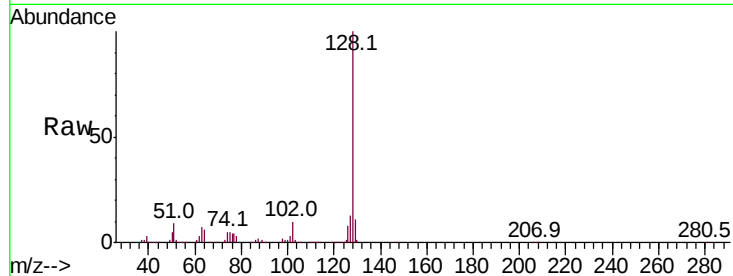
#95
Naphthalene
Concen: 52.316 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	128	Resp:	302699
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.7	16.1
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 56.329 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012609.D
Acq: 05 Sep 2019 00:06

Tgt Ion:	180	Resp:	144307
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.1	141.3
145	31.4	16.2	48.5

