

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092319\
 Data File : VW013248.D
 Acq On : 24 Sep 2019 00:44
 Operator : SY/VA
 Sample : VW0923SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 12:35:46 AM

Quant Time: Sep 24 08:12:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	315592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	472072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	418908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	217579	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	141092	54.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.56%	
35) Dibromofluoromethane	7.88	113	141109	54.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.70%	
50) Toluene-d8	10.32	98	580992	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.62	95	203282	54.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	38287	21.032	ug/l	96
3) Chloromethane	2.21	50	52735	22.535	ug/l	98
4) Vinyl Chloride	2.36	62	63017	20.888	ug/l	99
5) Bromomethane	2.76	94	41740	21.832	ug/l	92
6) Chloroethane	2.92	64	37630	21.161	ug/l	99
7) Trichlorofluoromethane	3.25	101	27693	15.919	ug/l	99
8) Diethyl Ether	3.68	74	33124	22.292	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	58797	20.760	ug/l	99
10) Methyl Iodide	4.27	142	94102	21.430	ug/l	100
11) Tert butyl alcohol	5.15	59	24373	126.456	ug/l	95
12) 1,1-Dichloroethene	4.04	96	62152	21.192	ug/l	97
13) Acrolein	3.89	56	14882	100.371	ug/l	98
14) Allyl chloride	4.67	41	93804	20.097	ug/l	98
15) Acrylonitrile	5.36	53	75896	118.338	ug/l	99
16) Acetone	4.12	43	57404	98.828	ug/l	100
17) Carbon Disulfide	4.38	76	175516	20.705	ug/l	100
18) Methyl Acetate	4.67	43	42499	26.029	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	99402	22.114	ug/l	100
20) Methylene Chloride	4.92	84	84429	27.090	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	68623	21.648	ug/l	95
22) Diisopropyl ether	6.31	45	198262	22.337	ug/l	98
23) Vinyl Acetate	6.25	43	562040	106.737	ug/l	99
24) 1,1-Dichloroethane	6.21	63	114443	21.367	ug/l	99
25) 2-Butanone	7.17	43	97785	112.145	ug/l	99
26) 2,2-Dichloropropane	7.16	77	62731	17.403	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	72826	21.770	ug/l	99
28) Bromochloromethane	7.51	49	39089	19.016	ug/l	97
29) Tetrahydrofuran	7.52	42	66432	124.233	ug/l	98
30) Chloroform	7.67	83	112983	21.546	ug/l	98
31) Cyclohexane	7.95	56	114331	20.478	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	89854	21.157	ug/l	99
36) 1,1-Dichloropropene	8.08	75	90882	19.876	ug/l	99
37) Ethyl Acetate	7.25	43	43957	22.620	ug/l	98
38) Carbon Tetrachloride	8.07	117	83336	20.332	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	116594	19.843	ug/l	98
40) Benzene	8.32	78	271564	21.293	ug/l	98
41) Methacrylonitrile	7.48	41	27281	23.522	ug/l	99
42) 1,2-Dichloroethane	8.40	62	72580	21.170	ug/l	99
43) Isopropyl Acetate	8.42	43	81982	22.012	ug/l	98
44) Trichloroethene	9.09	130	74274	20.757	ug/l	95
45) 1,2-Dichloropropane	9.37	63	66245	21.275	ug/l	100
46) Dibromomethane	9.46	93	33854	22.395	ug/l	99
47) Bromodichloromethane	9.64	83	80518	20.932	ug/l	98
48) Methyl methacrylate	9.43	41	38121	21.767	ug/l	97
49) 1,4-Dioxane	9.44	88	11348	500.099	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	214685	114.981	ug/l	99
52) Toluene	10.38	92	175071	21.419	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	82129	20.782	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	98439	20.486	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	49277	21.809	ug/l	97
56) Ethyl methacrylate	10.65	69	67657	22.880	ug/l	99
57) 1,3-Dichloropropane	10.93	76	87207	22.117	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	148706	108.627	ug/l	99
59) 2-Hexanone	10.96	43	148062	115.261	ug/l	99
60) Dibromochloromethane	11.13	129	55322	21.563	ug/l	99
61) 1,2-Dibromoethane	11.23	107	47191	21.967	ug/l	96
64) Tetrachloroethene	10.86	164	70458	22.168	ug/l	96
65) Chlorobenzene	11.65	112	183096	20.931	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	63430	21.225	ug/l	99
67) Ethyl Benzene	11.73	91	327045	20.634	ug/l	98
68) m/p-Xylenes	11.84	106	255195	42.253	ug/l	99
69) o-Xylene	12.16	106	118614	21.123	ug/l	97
70) Styrene	12.18	104	203666	21.126	ug/l	99
71) Bromoform	12.35	173	33878	21.458	ug/l #	100
73) Isopropylbenzene	12.46	105	324824	20.210	ug/l	99
74) N-amyl acetate	12.27	43	76410	21.424	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	56471	21.008	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	44924m	23.380	ug/l	
77) Bromobenzene	12.74	156	78137	20.515	ug/l	97
78) n-propylbenzene	12.80	91	377681	20.075	ug/l	100
79) 2-Chlorotoluene	12.89	91	218157	20.698	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	276420	20.459	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	17173	20.054	ug/l	98
82) 4-Chlorotoluene	12.99	91	226966	20.420	ug/l	100
83) tert-Butylbenzene	13.21	119	241611	20.374	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	280648	20.875	ug/l	98
85) sec-Butylbenzene	13.38	105	332003	20.307	ug/l	100
86) p-Isopropyltoluene	13.50	119	310031	20.445	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	151146	20.619	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	151686	21.099	ug/l	100
89) n-Butylbenzene	13.82	91	278146	20.088	ug/l	99
90) Hexachloroethane	14.09	117	52282	20.523	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	135993	21.444	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8908	21.666	ug/l	91

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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	95889	21.101	ug/l	99
94) Hexachlorobutadiene	15.23	225	63200	20.329	ug/l	97
95) Naphthalene	15.36	128	166296	22.375	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	85230	21.706	ug/l	100

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

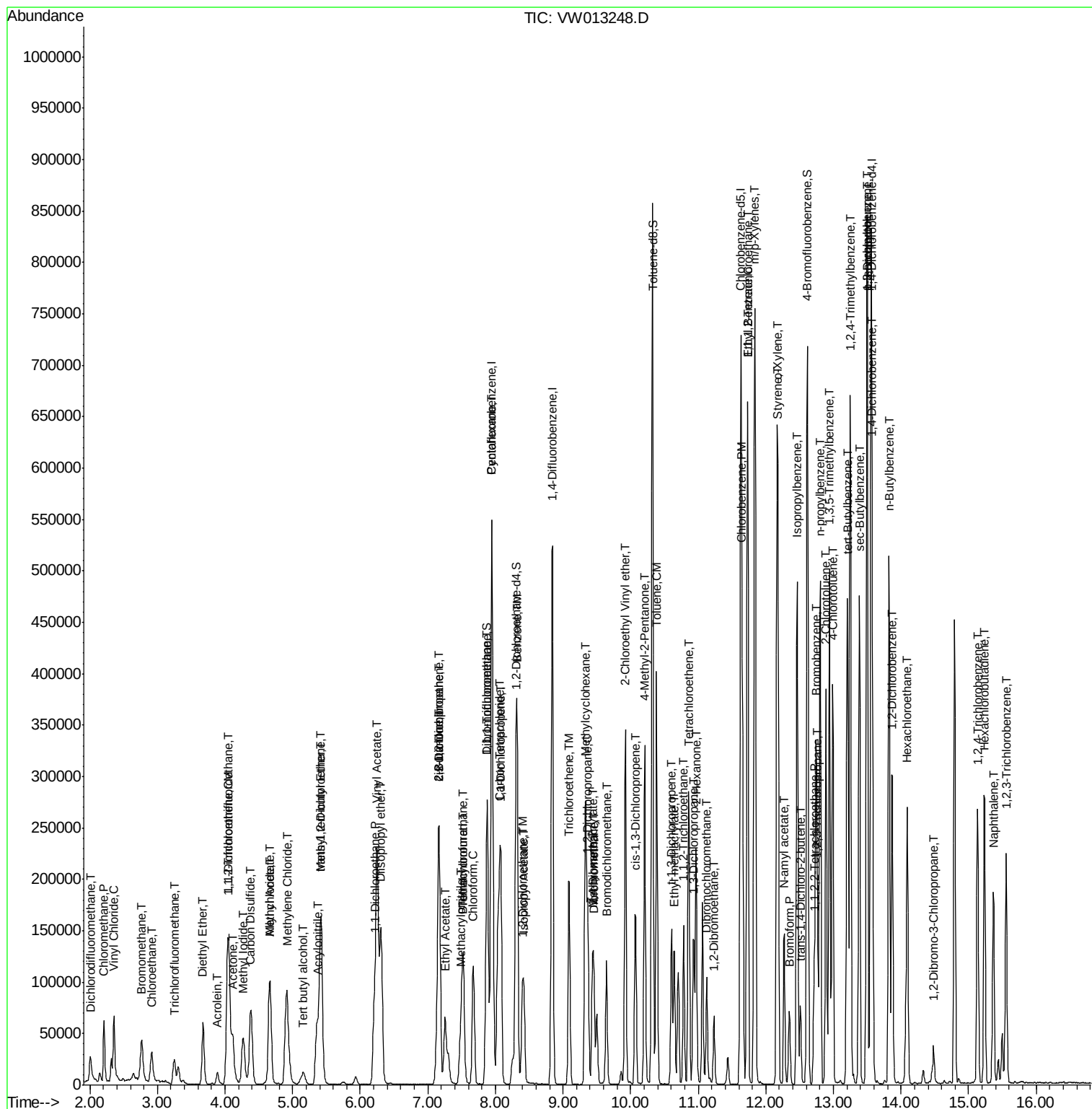
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092319\
Data File : VW013248.D
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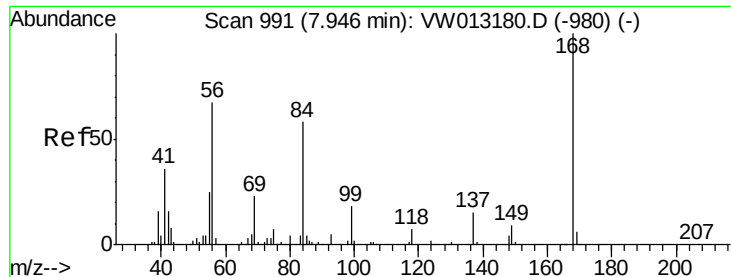
Instrument :
MSVOA_W
ClientSampleId :
VW0923SBSD02

Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBSD02

Tot Ion:168 Resp: 31592

Ion Ratio Lower Upper

168 100

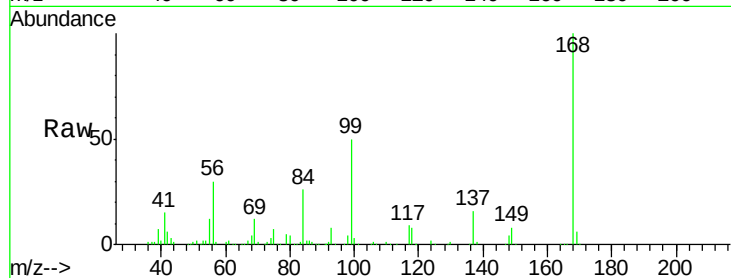
99 49.6 40.2 60.4

Manual Integrations

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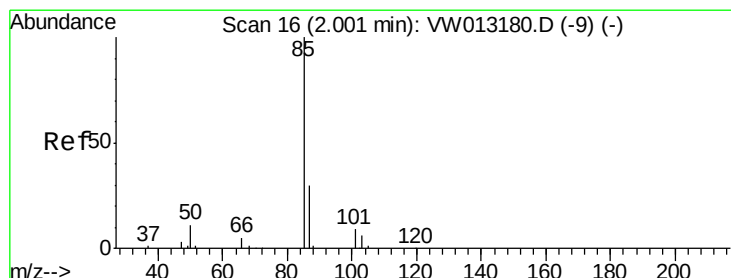
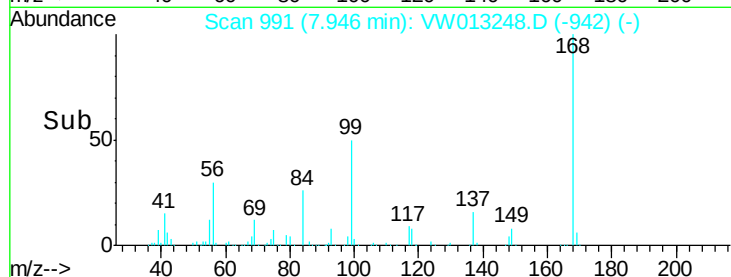
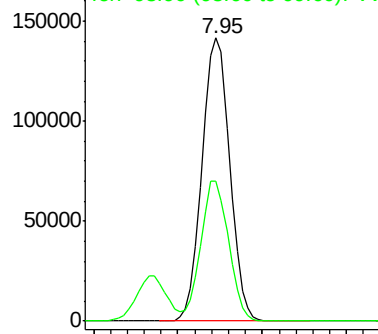
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 21.032 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.01 min

Lab File: VW013248.D

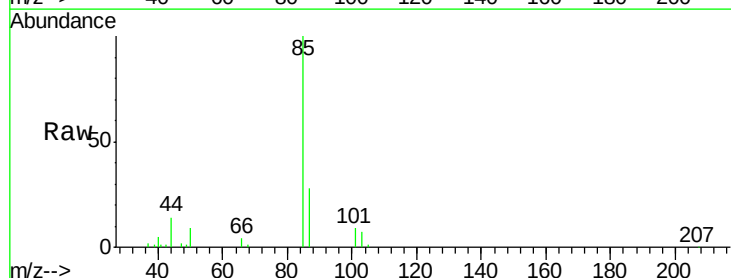
Acq: 24 Sep 2019 00:44

Tgt Ion: 85 Resp: 38287

Ion Ratio Lower Upper

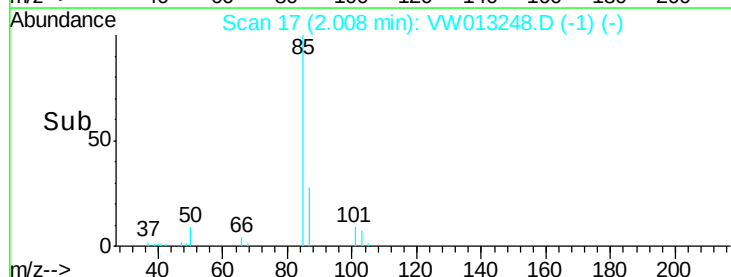
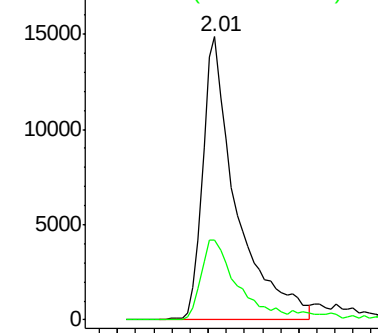
85 100

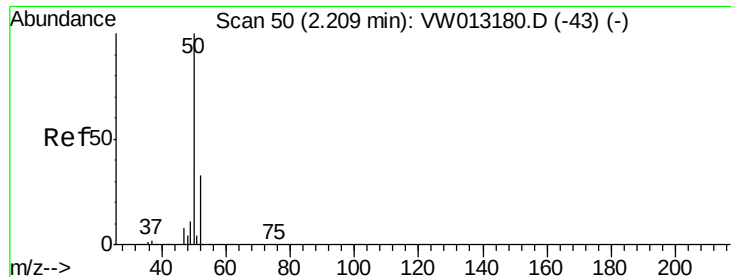
87 28.1 15.1 45.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 22.535 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBSD02

Tot Ion: 50 Resp: 52735

Ion Ratio Lower Upper

50 100

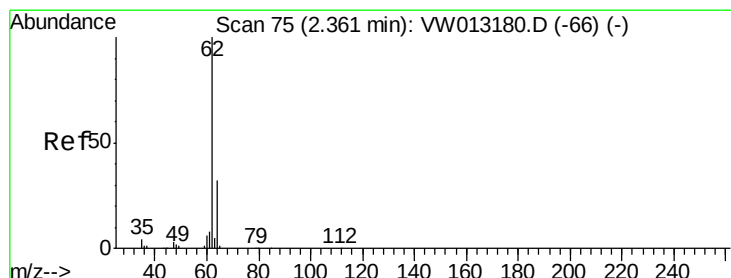
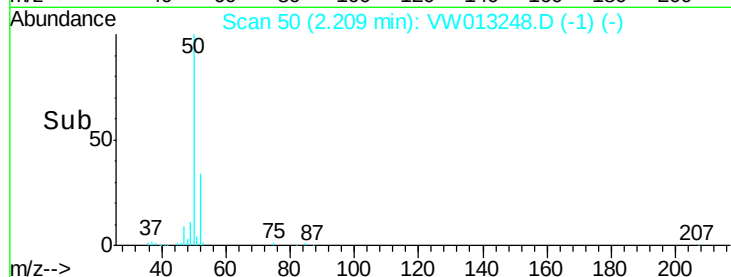
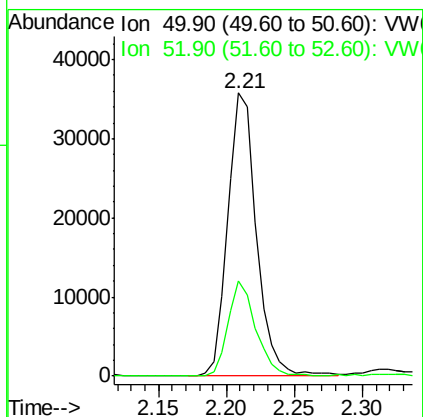
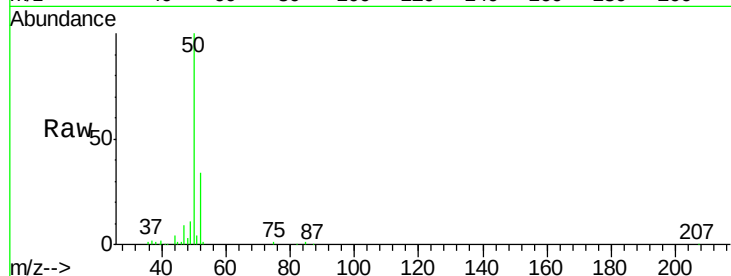
52 33.6 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.888 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW013248.D

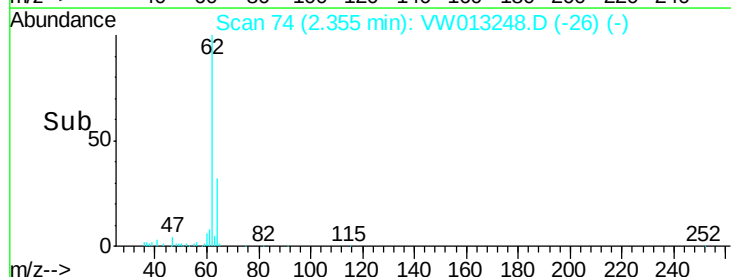
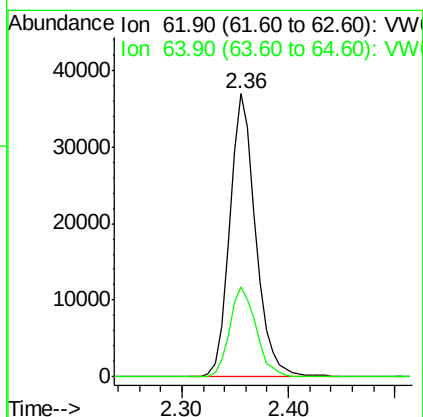
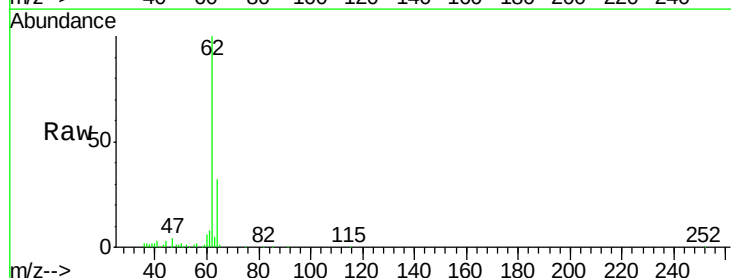
Acq: 24 Sep 2019 00:44

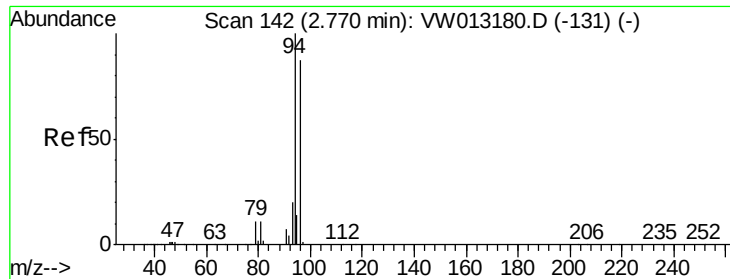
Tgt Ion: 62 Resp: 63017

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 21.832 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBSD02

Tot Ion: 94 Resp: 41740

Ion Ratio Lower Upper

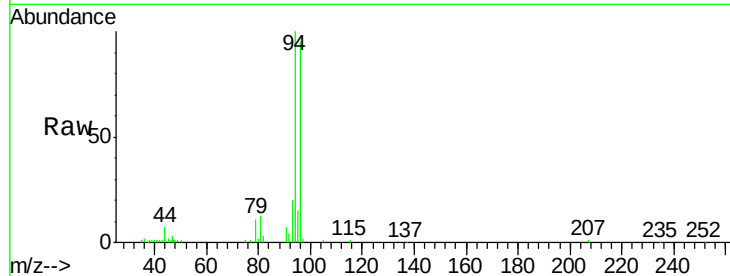
94 100

96 94.9 69.7 104.5

Manual Integrations
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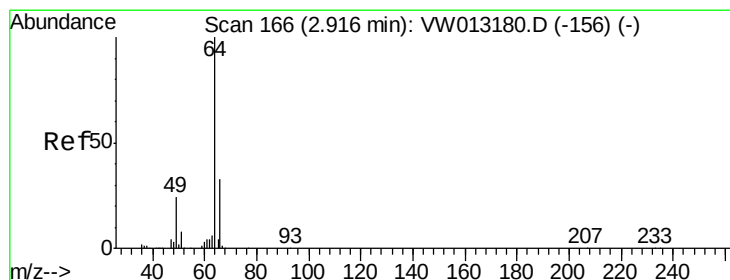
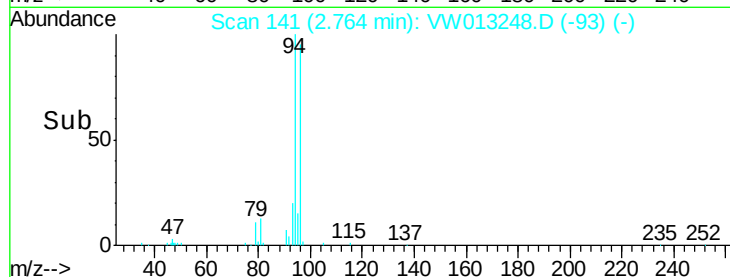
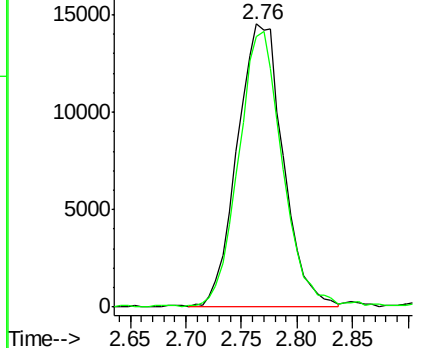
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 21.161 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW013248.D

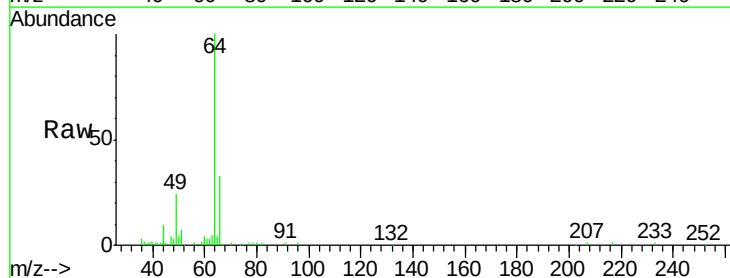
Acq: 24 Sep 2019 00:44

Tgt Ion: 64 Resp: 37630

Ion Ratio Lower Upper

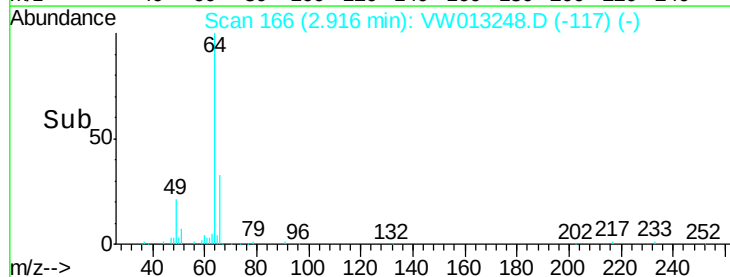
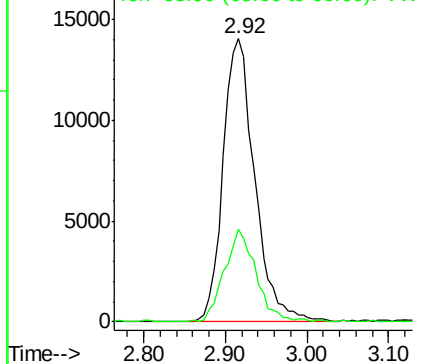
64 100

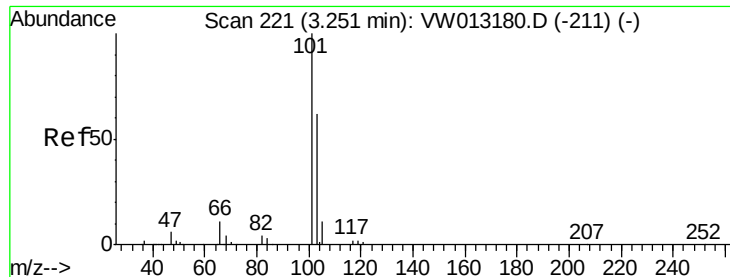
66 32.7 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

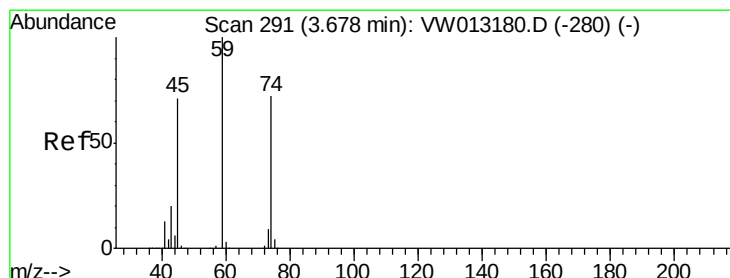
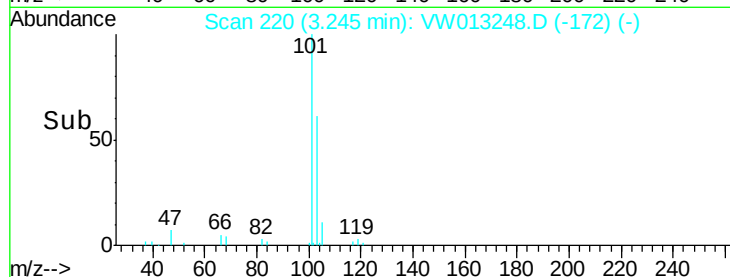
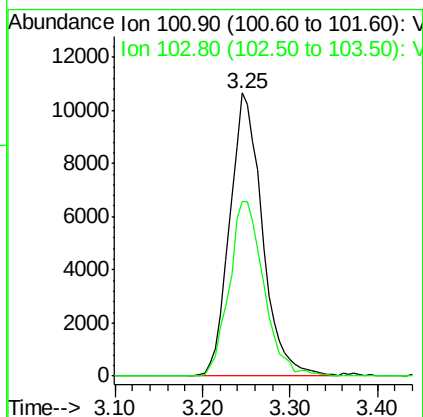
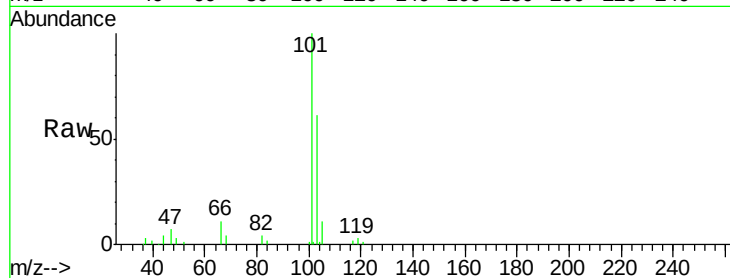
Trichlorofluoromethane
Concen: 15.919 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.5	49.7	74.5

Manual Integrations
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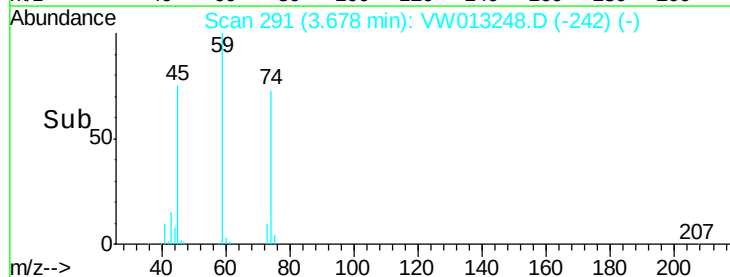
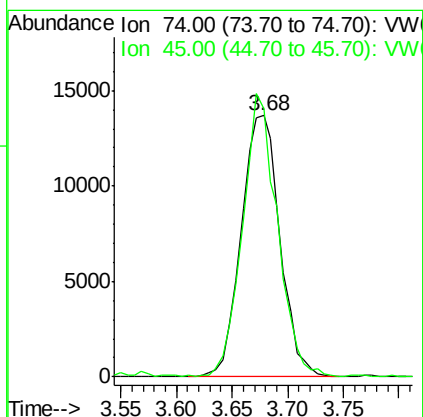
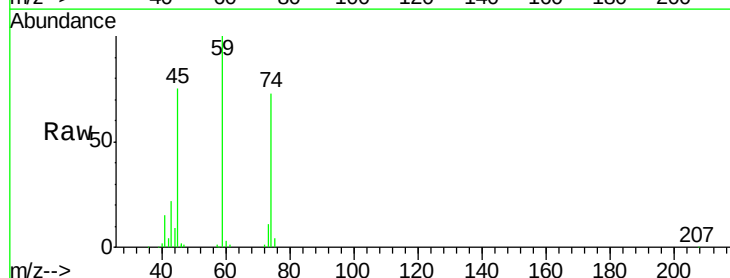
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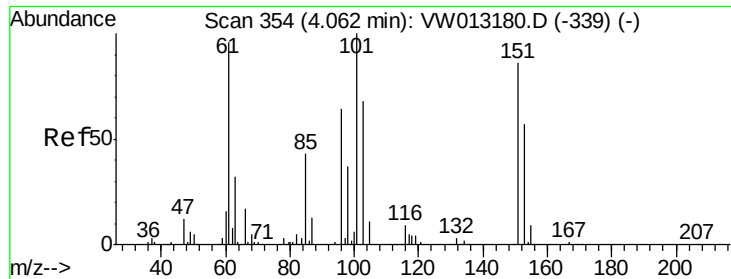


#8

Diethyl Ether
Concen: 22.292 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.760 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Instrument :

MSVOA_W

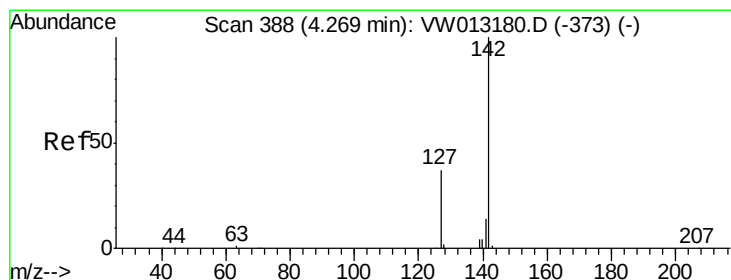
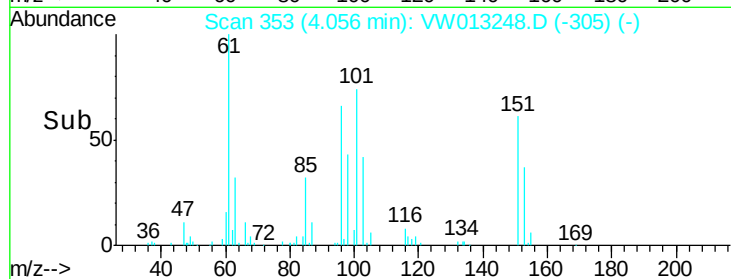
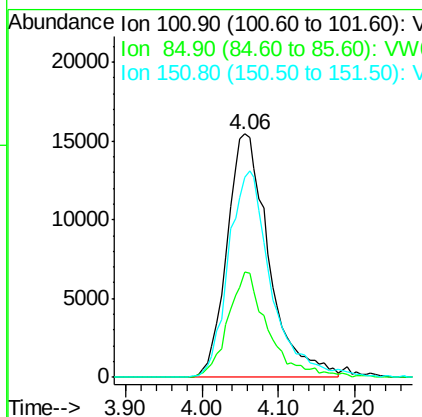
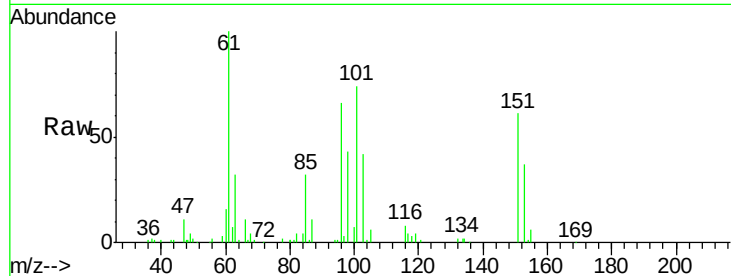
ClientSampleId :

VW0923SBS02

Tot Ion:	101	Resp:	58797
Ion Ratio	Lower	Upper	
101	100		
85	41.4	33.4	50.0
151	84.9	66.9	100.3

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#10

Methyl Iodide

Concen: 21.430 ug/l

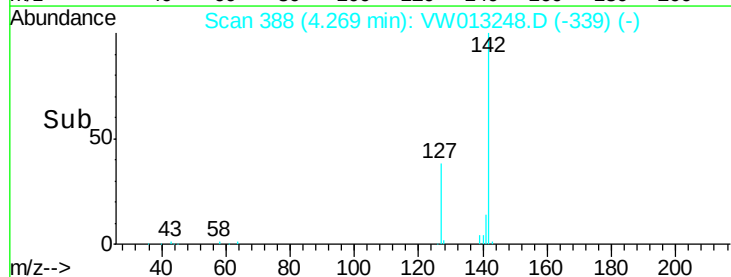
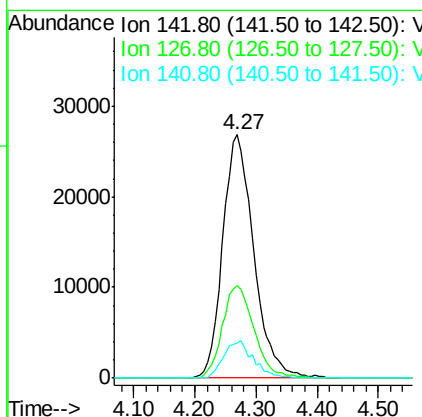
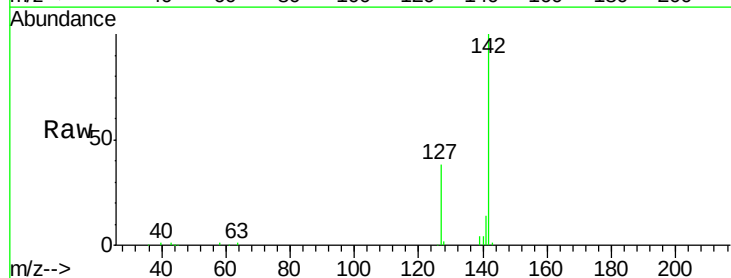
RT: 4.27 min Scan# 388

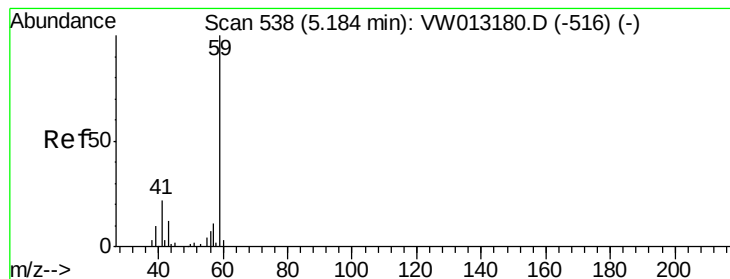
Delta R.T. 0.00 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Tgt Ion:	142	Resp:	94102
Ion Ratio	Lower	Upper	
142	100		
127	38.9	30.9	46.3
141	14.6	11.7	17.5





#11

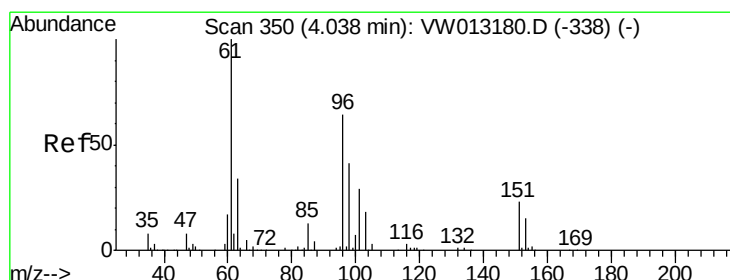
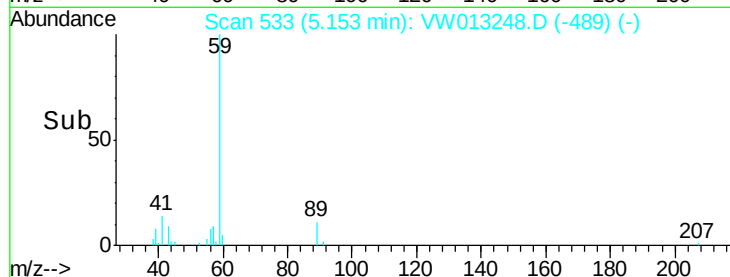
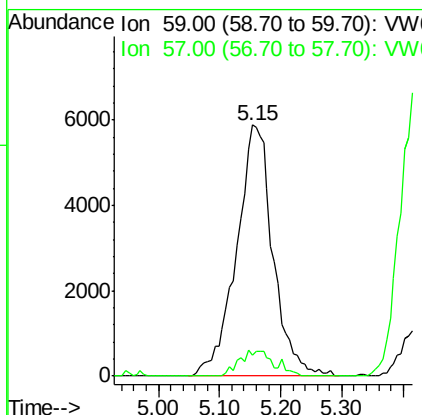
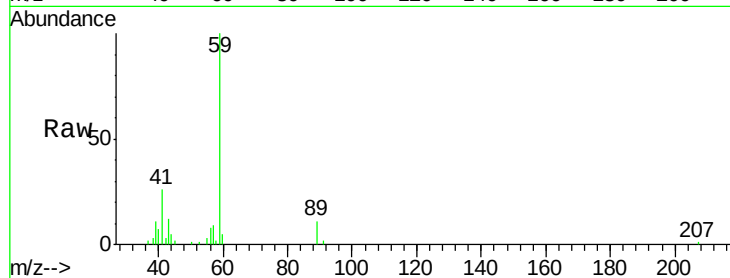
Tert butyl alcohol
Concen: 126.456 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.03 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBSD02

Tot Ion	59	Resp	24373
Ion Ratio	100	Lower	Upper
57	8.3	8.2	12.2

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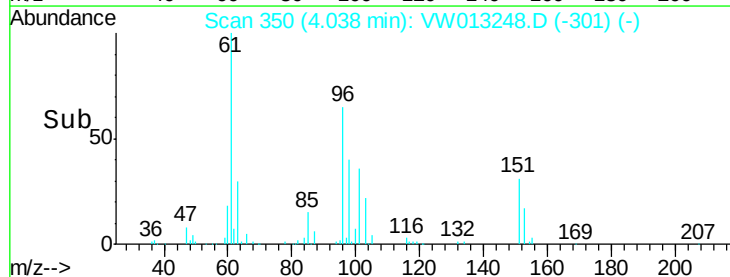
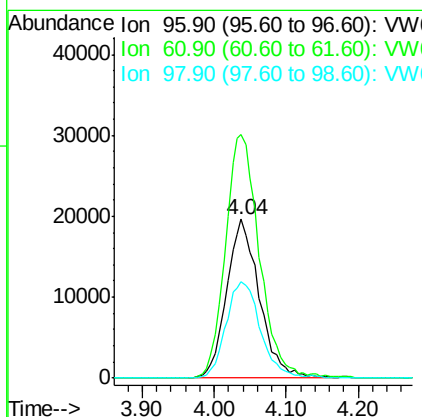
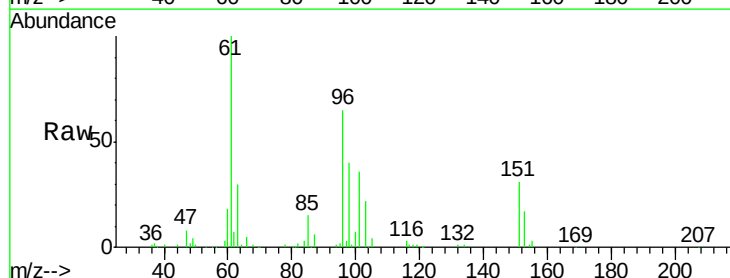
MMDadoda
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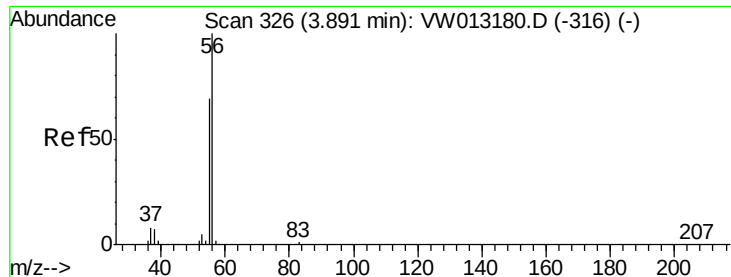


#12

1,1-Dichloroethene
Concen: 21.192 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Tgt Ion	96	Resp	62152
Ion Ratio	100	Lower	Upper
61	153.2	125.1	187.7
98	60.9	50.8	76.2





#13

Acrolein

Concen: 100.371 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBSD02

Tot Ion: 56 Resp: 14882

Ion Ratio Lower Upper

56 100

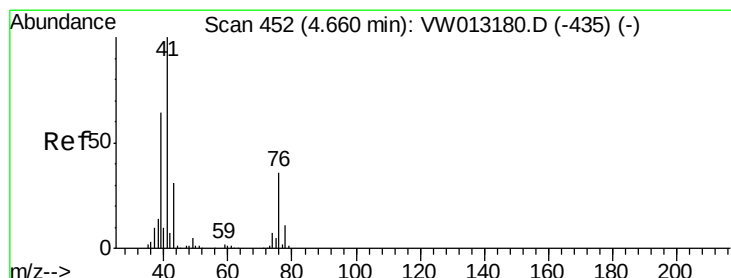
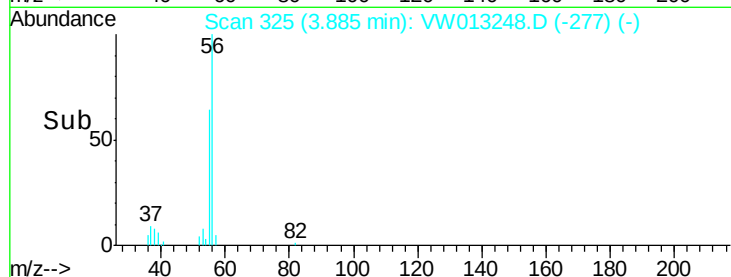
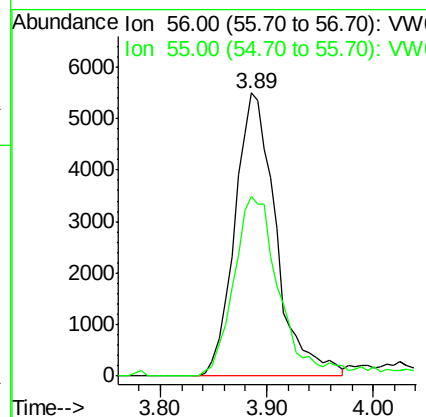
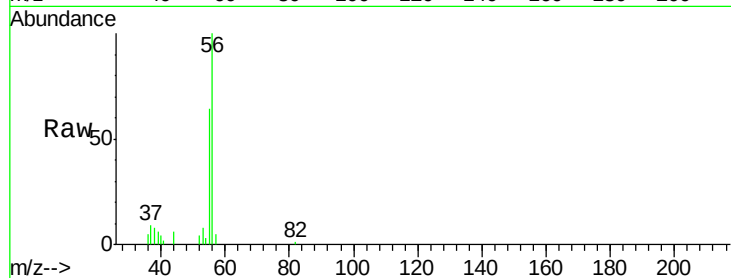
55 67.4 55.4 83.0

Manual Integrations

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#14

Allyl chloride

Concen: 20.097 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

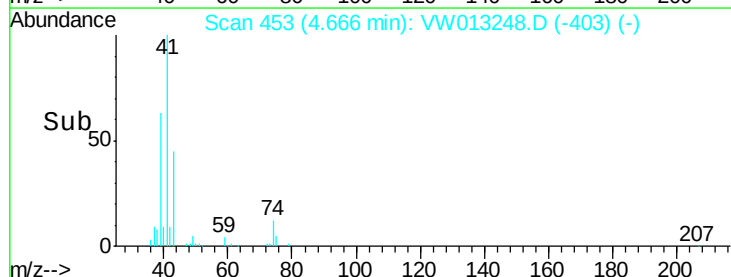
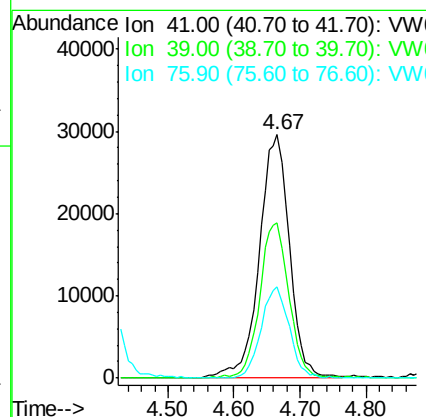
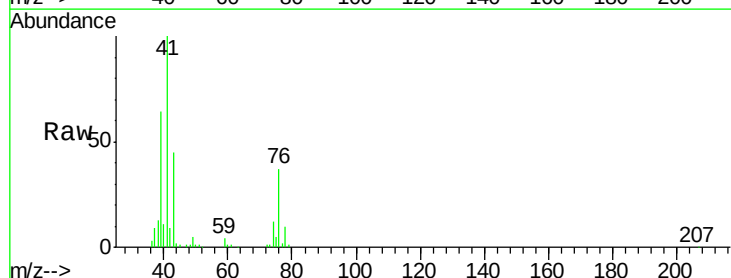
Tgt Ion: 41 Resp: 93804

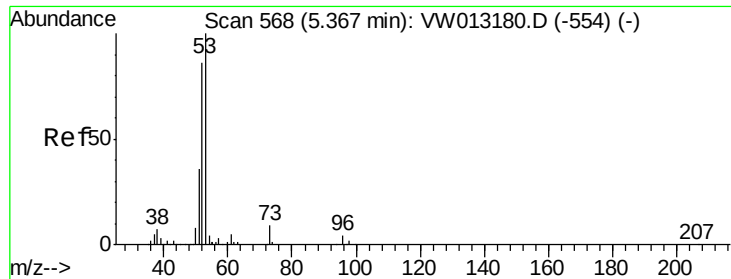
Ion Ratio Lower Upper

41 100

39 61.9 51.0 76.4

76 35.0 28.4 42.6





#15

Acrylonitrile

Concen: 118.338 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Instrument :

MSVOA_W

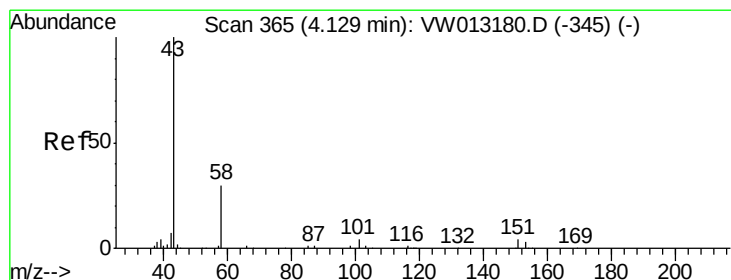
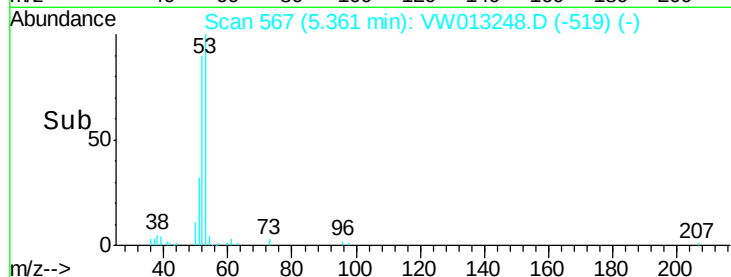
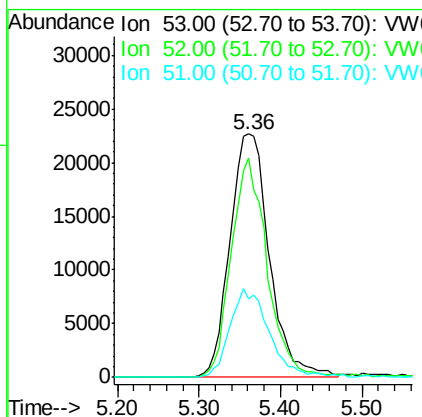
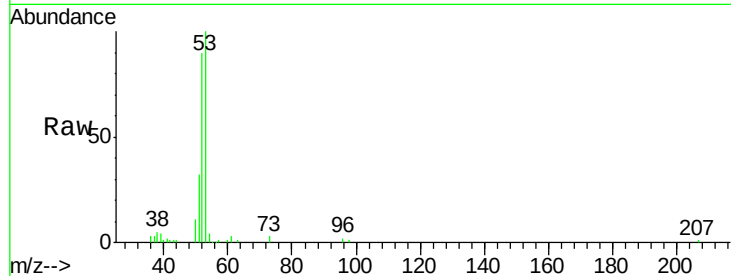
ClientSampleId :

VW0923SBSD02

Tot Ion:	53	Resp:	75896
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.3	97.9
51	35.7	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 98.828 ug/l

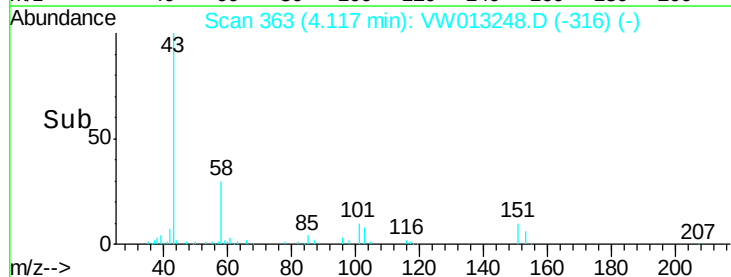
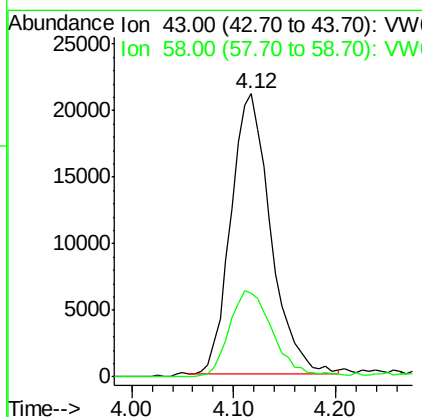
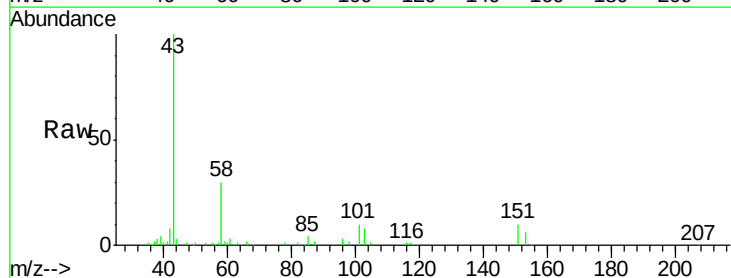
RT: 4.12 min Scan# 363

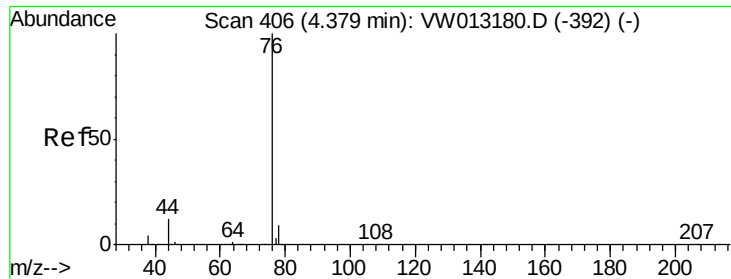
Delta R.T. -0.01 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Tgt Ion:	43	Resp:	57404
Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.1	36.1





#17

Carbon Disulfide

Concen: 20.705 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBSD02

Tot Ion: 76 Resp: 175516

Ion Ratio Lower Upper

76 100

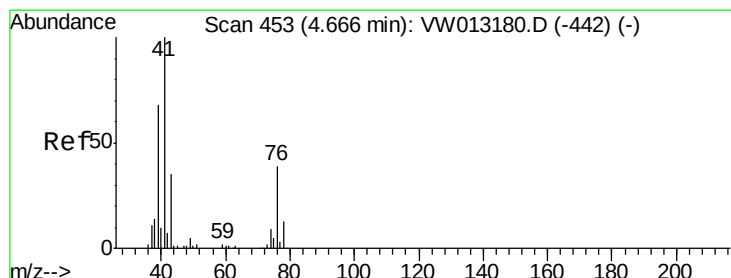
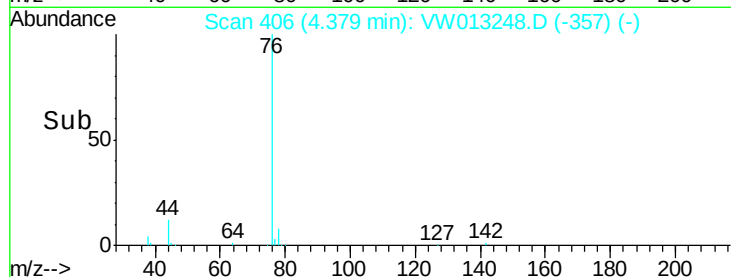
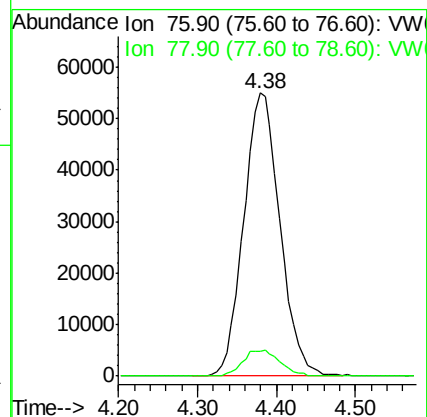
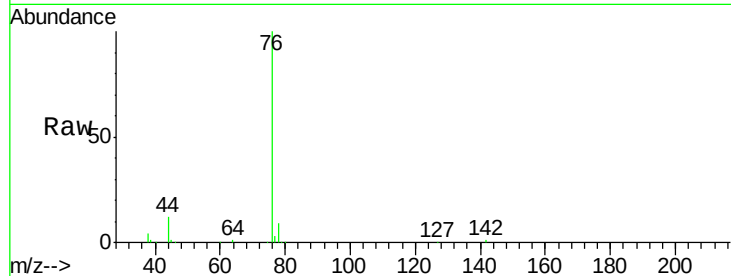
78 8.7 7.0 10.4

Manual Integrations

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#18

Methyl Acetate

Concen: 26.029 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW013248.D

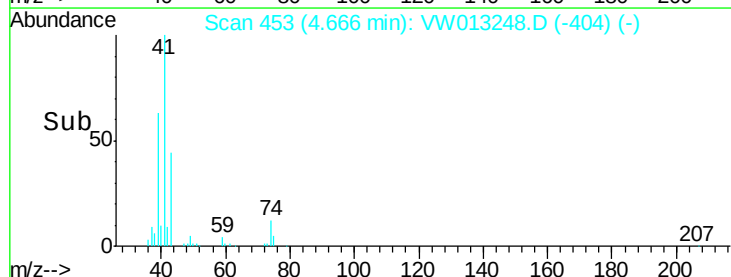
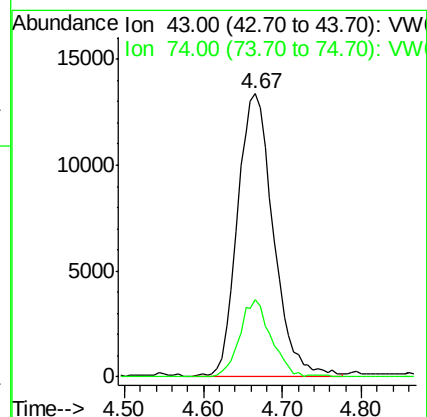
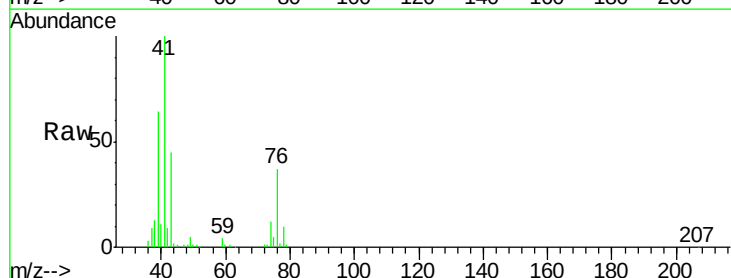
Acq: 24 Sep 2019 00:44

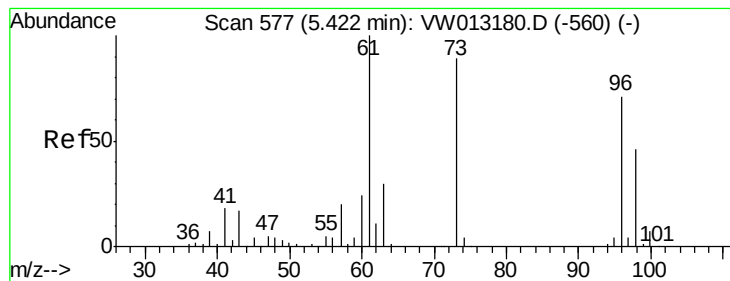
Tgt Ion: 43 Resp: 42499

Ion Ratio Lower Upper

43 100

74 23.7 19.3 28.9





#19

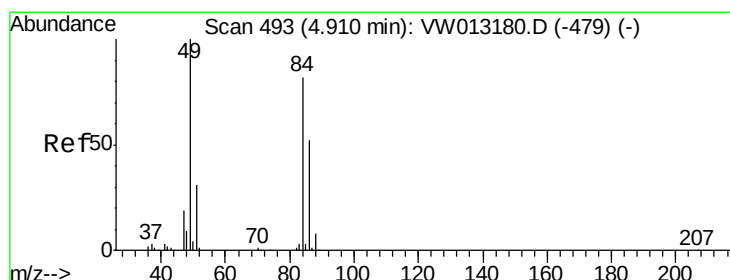
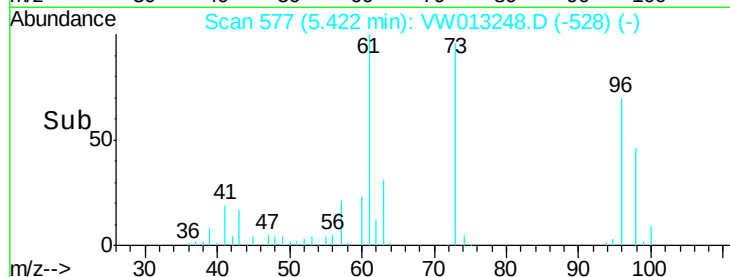
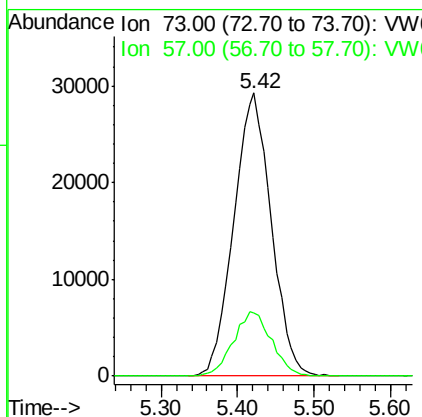
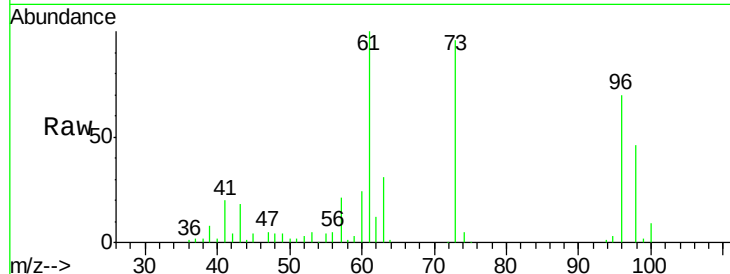
Methyl tert-butyl Ether
 Concen: 22.114 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS02

Tot Ion	Ion	Ratio	Lower	Upper
73	100			
57	22.1	17.6	26.4	

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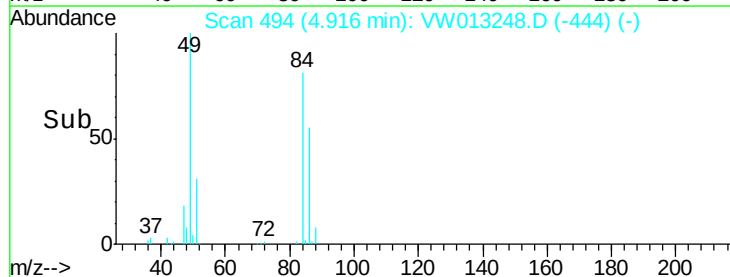
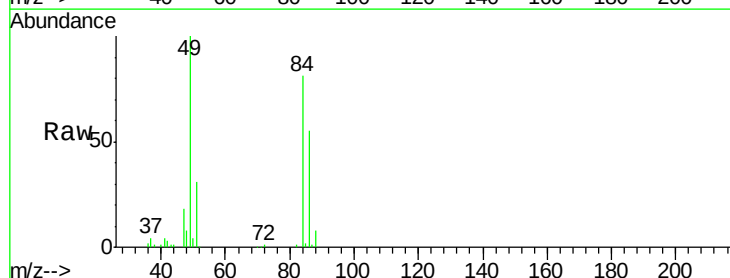
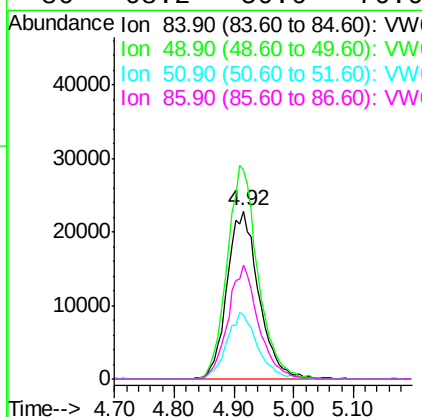
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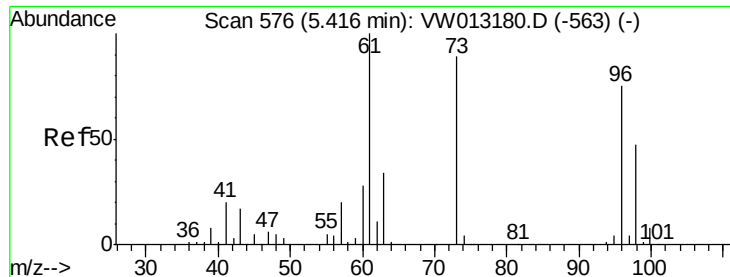


#20

Methylene Chloride
 Concen: 27.090 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Tgt Ion	Ion	Ratio	Lower	Upper
84	100			
49	123.9	97.6	146.4	
51	37.9	30.2	45.2	
86	68.2	50.6	76.0	





#21

trans-1,2-Dichloroethene

Concen: 21.648 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Instrument :

MSVOA_W

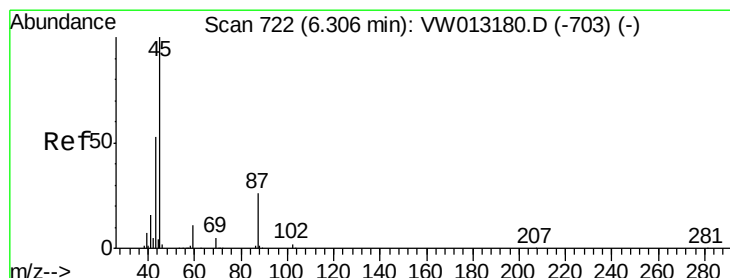
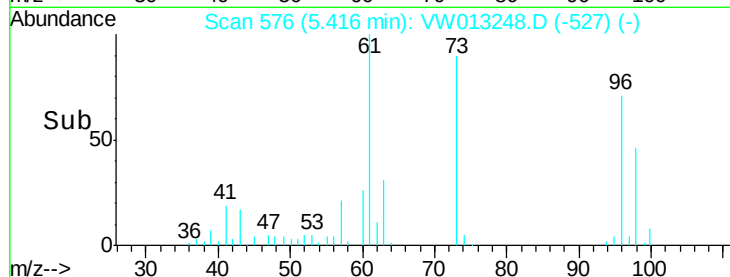
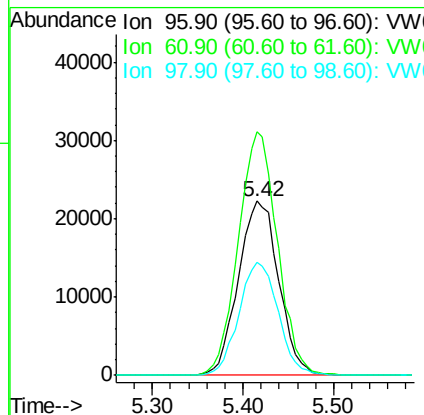
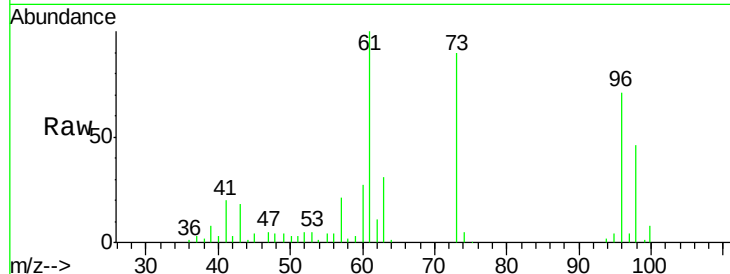
ClientSampleId :

VW0923SBS02

Tot Ion:	96	Resp:	68623
Ion	Ratio	Lower	Upper
96	100		
61	139.6	106.6	159.8
98	64.7	49.8	74.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.337 ug/l

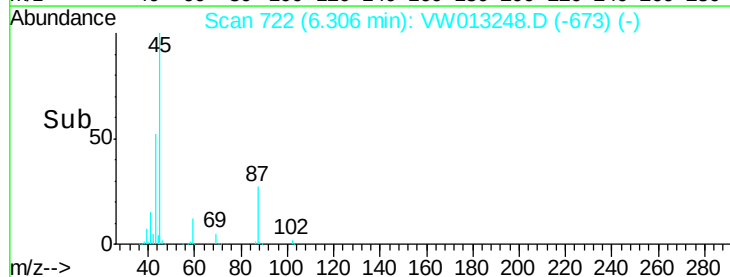
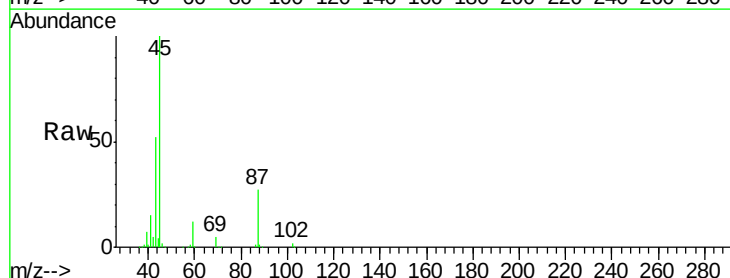
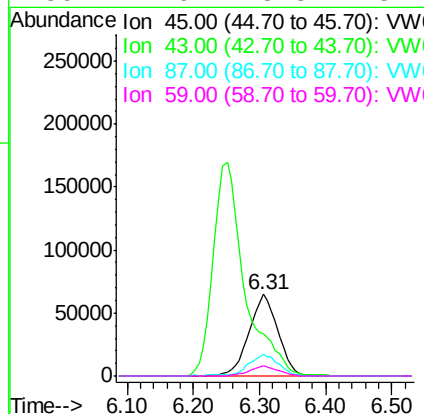
RT: 6.31 min Scan# 722

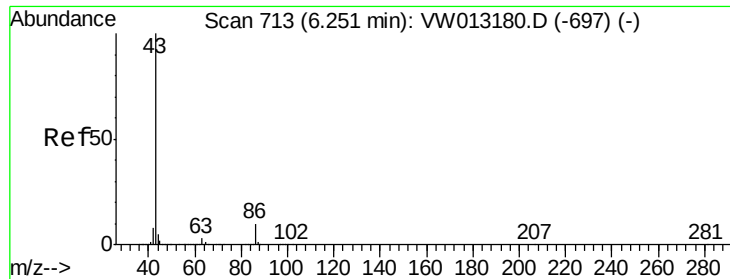
Delta R.T. 0.00 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Tgt Ion:	45	Resp:	198262
Ion	Ratio	Lower	Upper
45	100		
43	51.6	42.4	63.6
87	27.0	20.4	30.6
59	11.9	8.8	13.2





#23

Vinyl Acetate

Concen: 106.737 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBS02

Tot Ion: 43 Resp: 562040

Ion Ratio Lower Upper

43 100

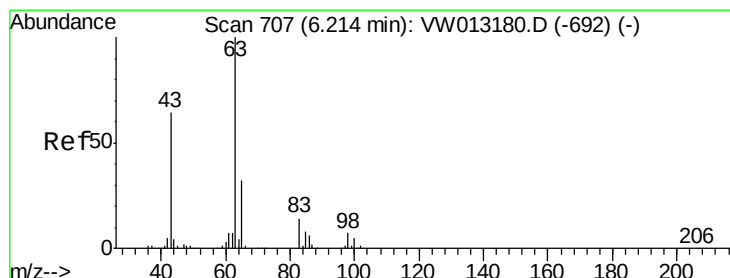
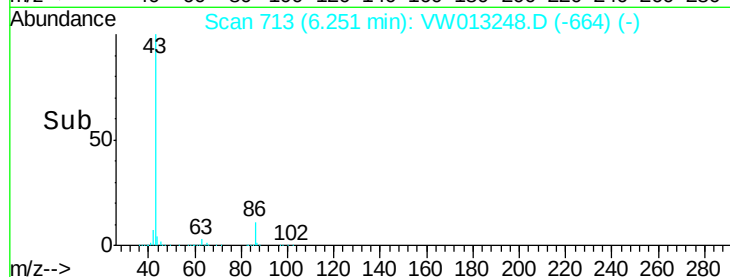
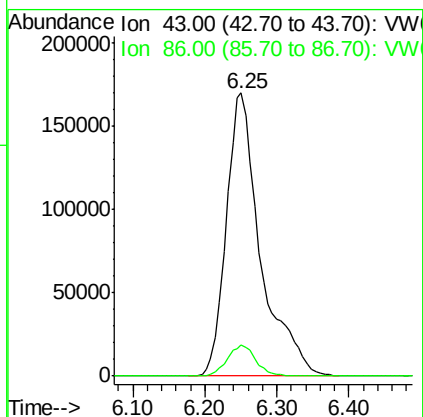
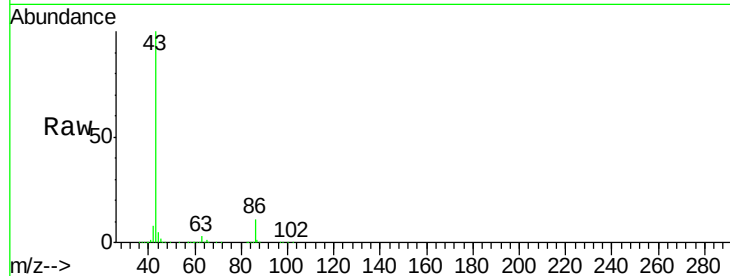
86 10.8 8.3 12.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.367 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

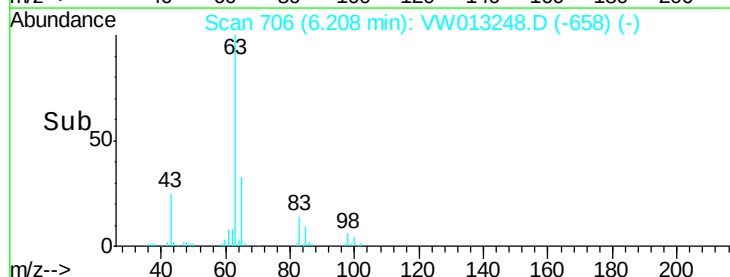
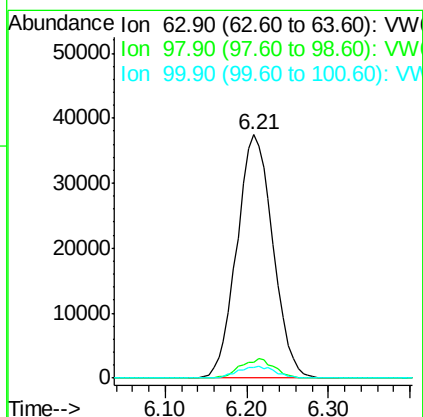
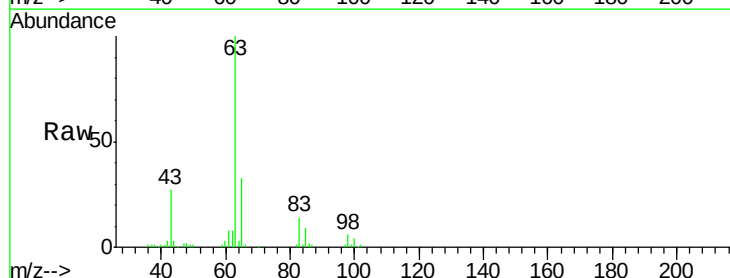
Tgt Ion: 63 Resp: 114443

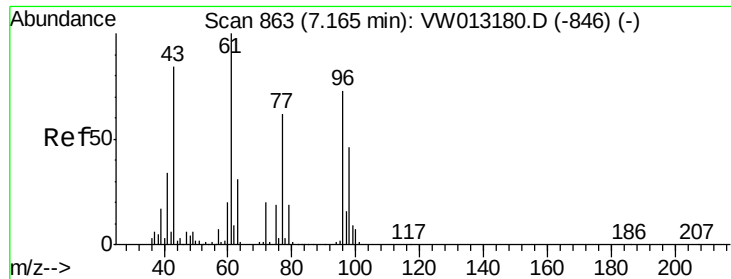
Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.5

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 112.145 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBS02

Tot Ion: 43 Resp: 97785

Ion Ratio Lower Upper

43 100

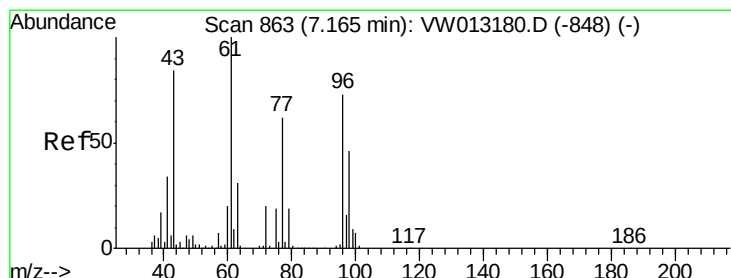
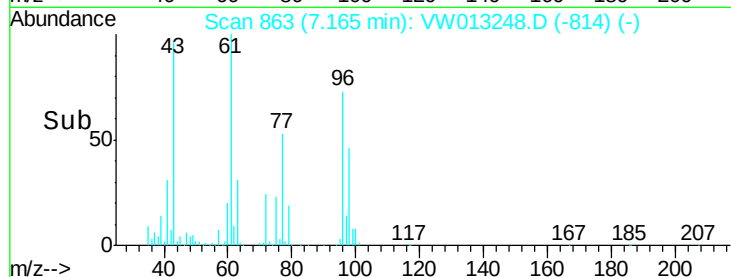
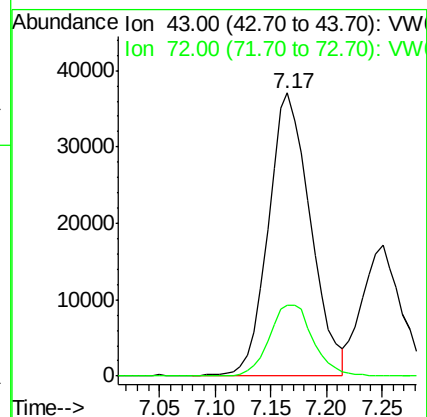
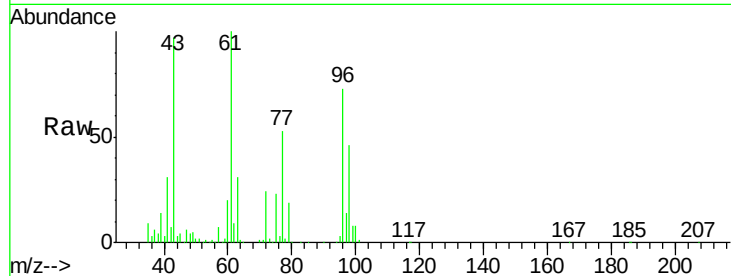
72 24.8 19.4 29.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.403 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW013248.D

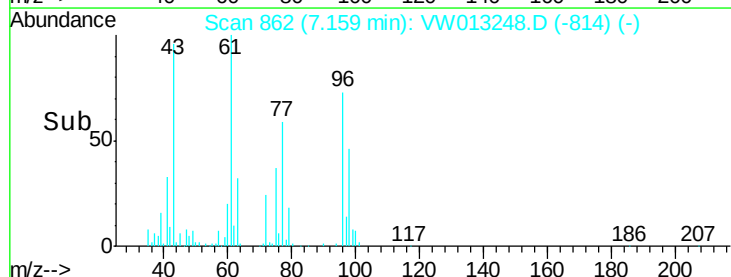
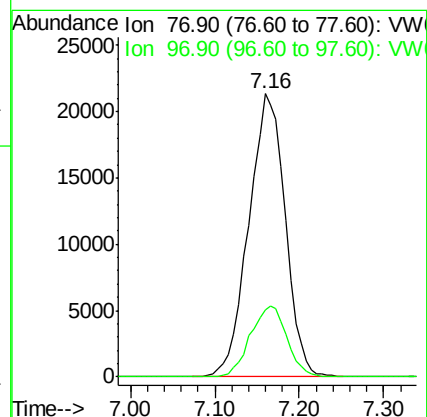
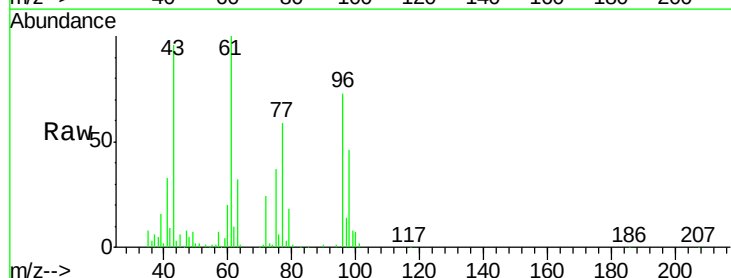
Acq: 24 Sep 2019 00:44

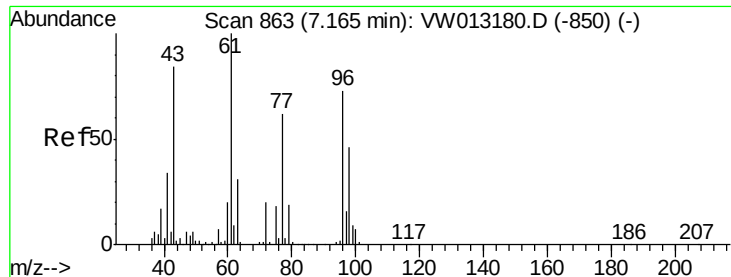
Tgt Ion: 77 Resp: 62731

Ion Ratio Lower Upper

77 100

97 25.1 11.8 35.4





#27

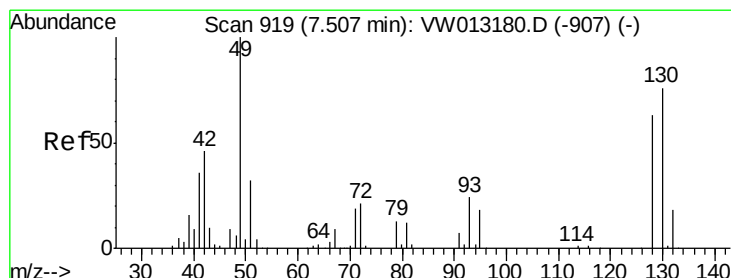
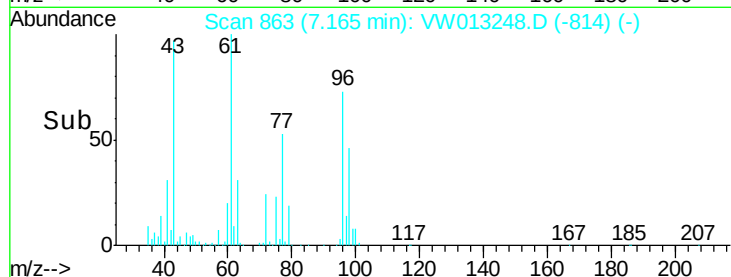
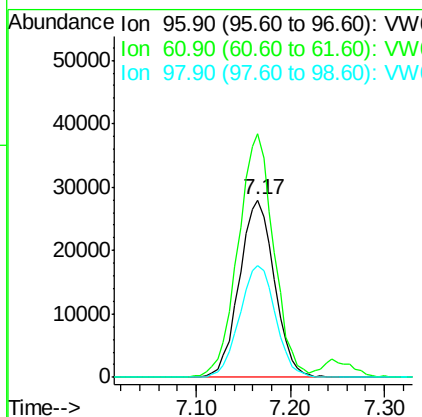
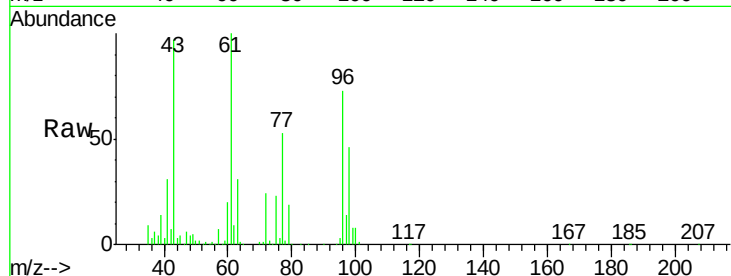
cis-1,2-Dichloroethene
Concen: 21.770 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Instrument :
MSVOA_W
ClientSampleID :
VW0923SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.2	0.0	282.4
98	64.8	0.0	128.2

Manual Integrations
APPROVED

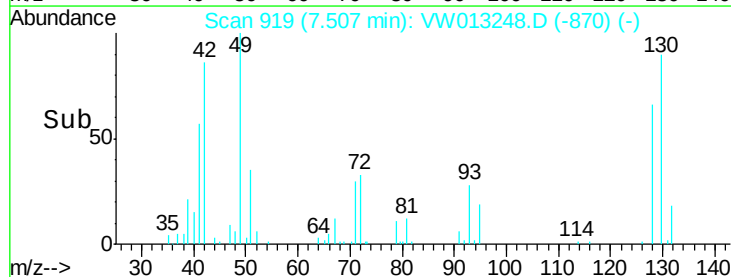
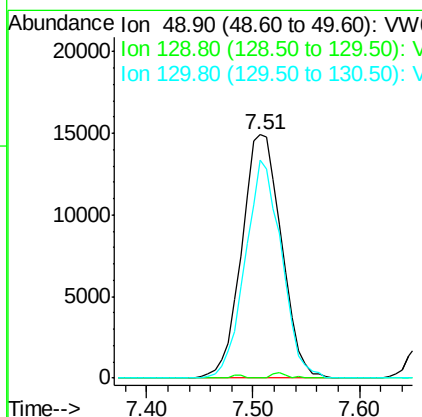
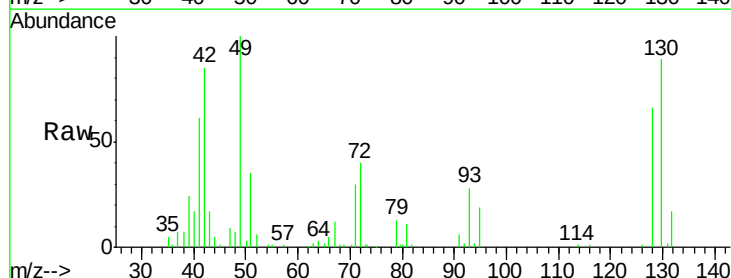
MMDadoda
9/25/2019 12:35:46 AM

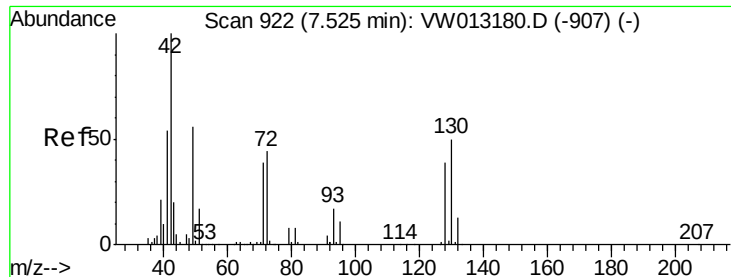


#28

Bromochloromethane
Concen: 19.016 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	1.0
130	81.8	63.4	95.2





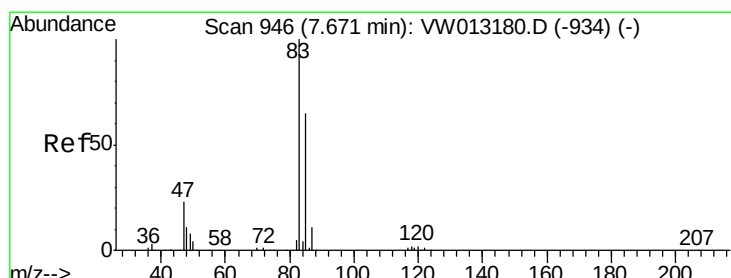
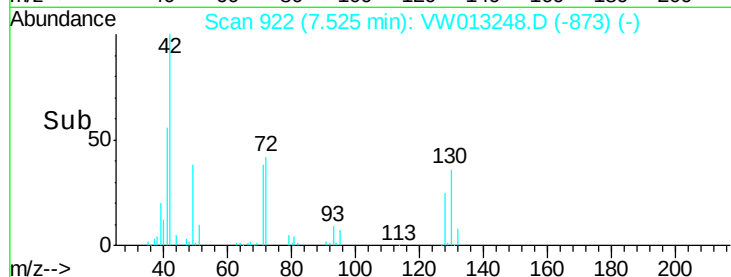
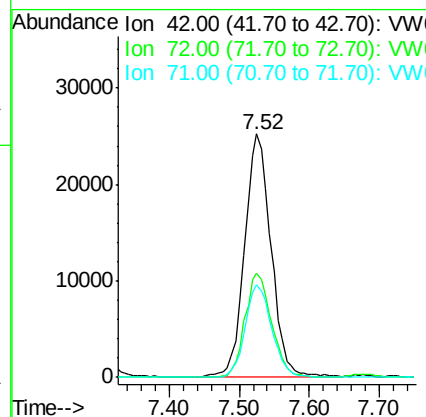
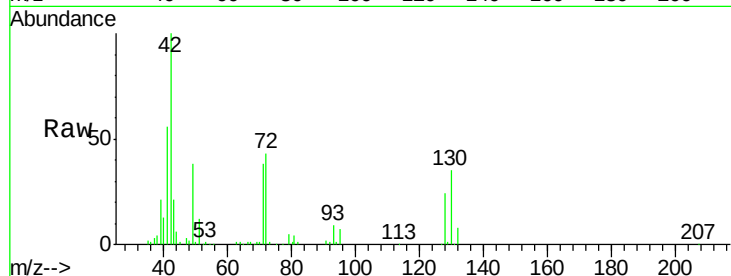
#29
Tetrahydrofuran
Concen: 124.233 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.7	33.9	50.9
71	38.2	31.9	47.9

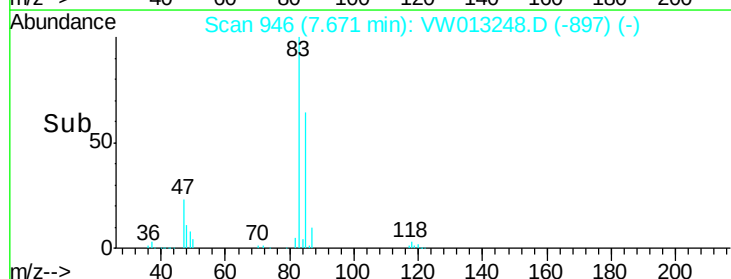
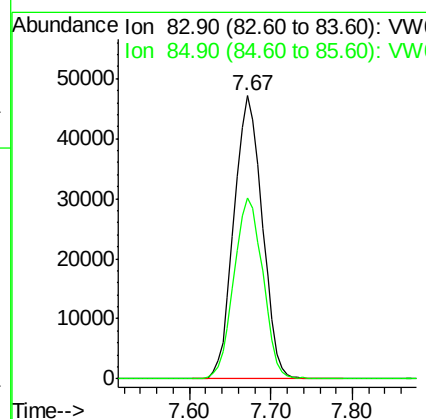
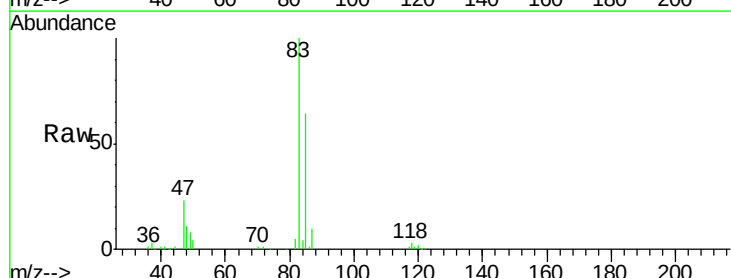
Manual Integrations
APPROVED

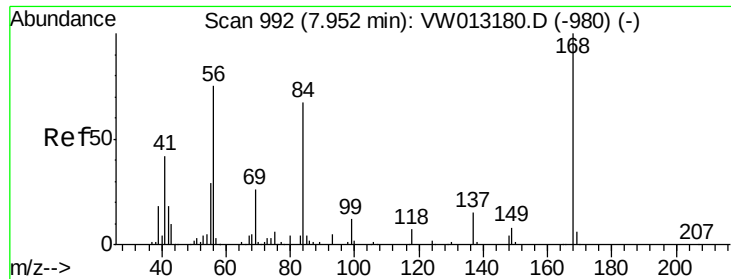
MMDadoda
9/25/2019 12:35:46 AM



#30
Chloroform
Concen: 21.546 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.3	78.5





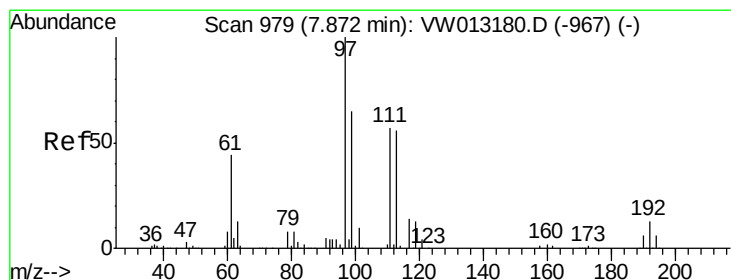
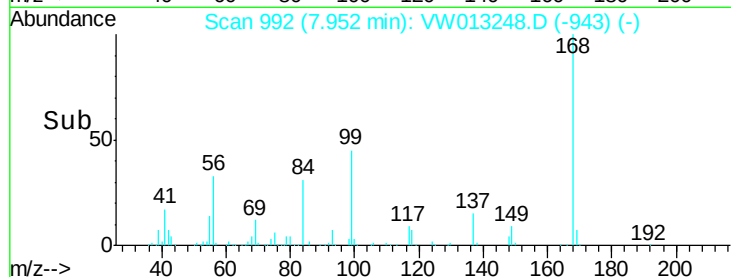
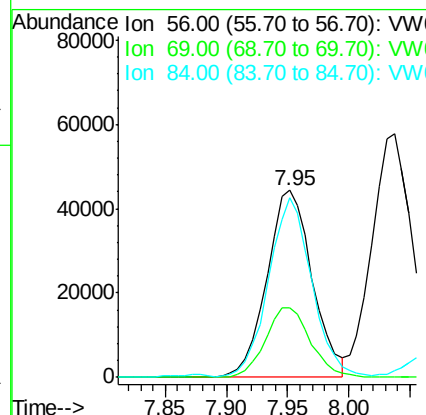
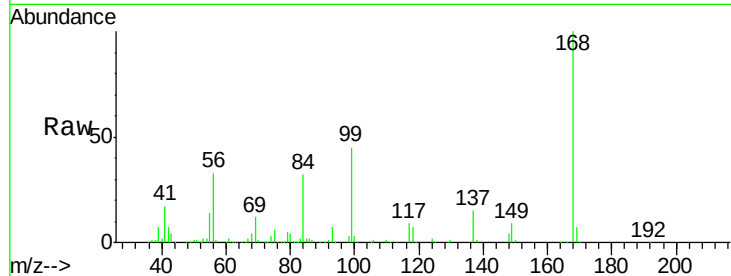
#31
Cyclohexane
Concen: 20.478 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS02

Tot Ion	Ratio	Resp	Lower	Upper
56	100	114331		
69	36.9	27.2	40.8	
84	94.5	70.8	106.2	

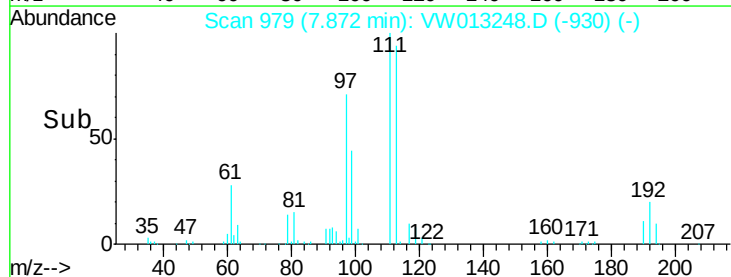
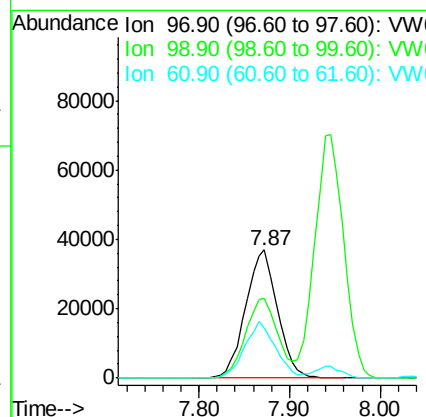
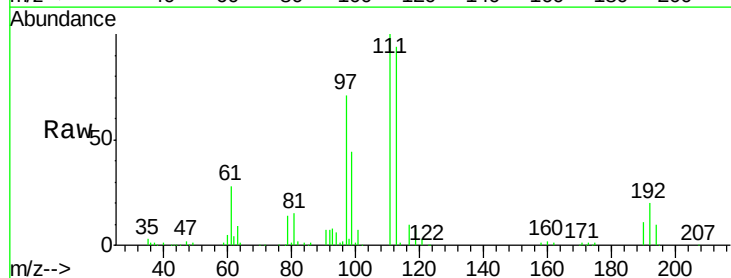
Manual Integrations
APPROVED

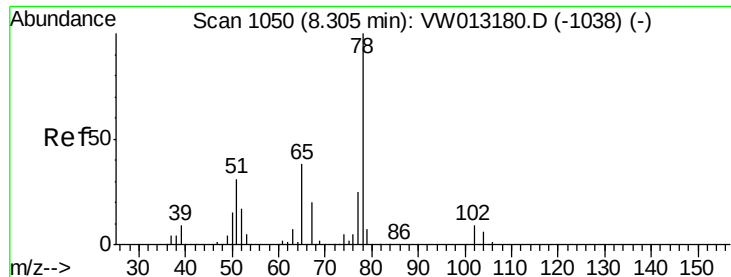
MMDadoda
9/25/2019 12:35:46 AM



#32
1,1,1-Trichloroethane
Concen: 21.157 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	89854		
99	63.0	51.7	77.5	
61	43.3	34.6	51.8	





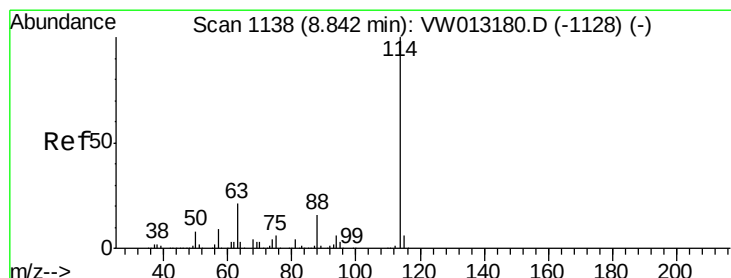
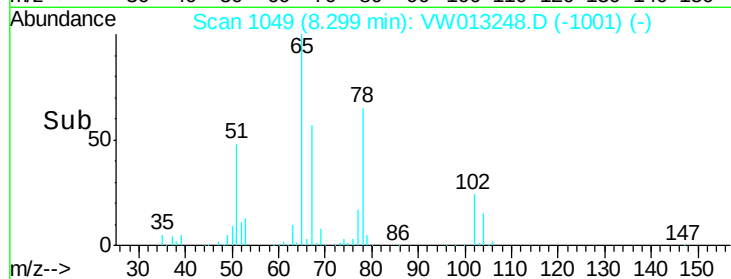
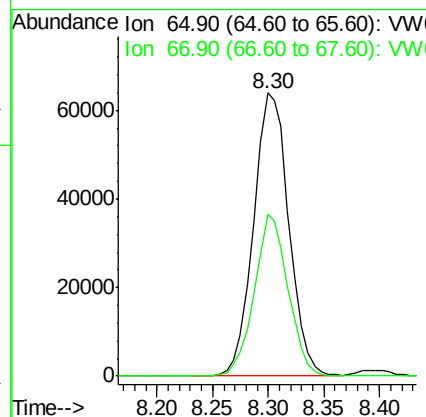
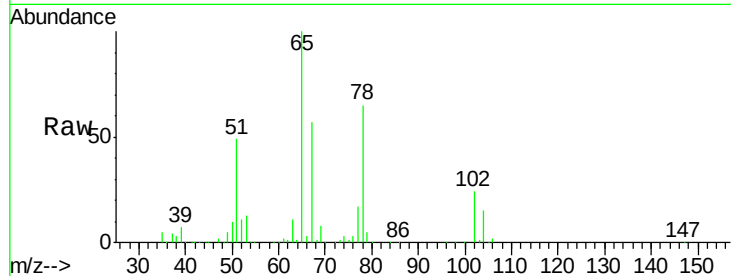
#33
 1,2-Dichloroethane-d4
 Concen: 54.778 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	141092		
67	54.6	0.0	106.2	

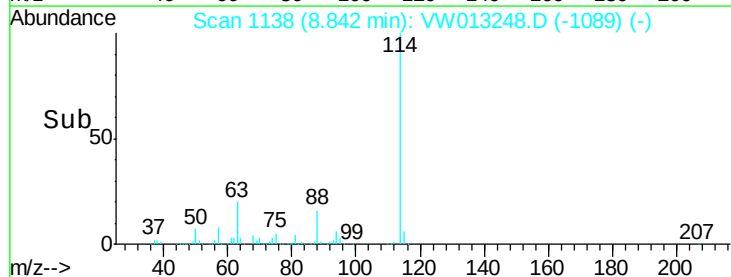
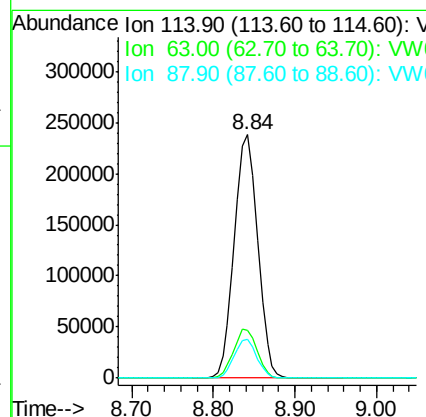
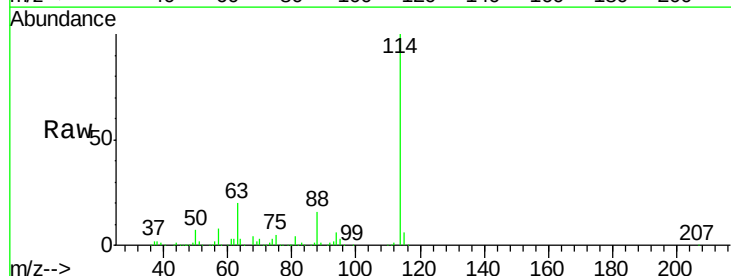
Manual Integrations
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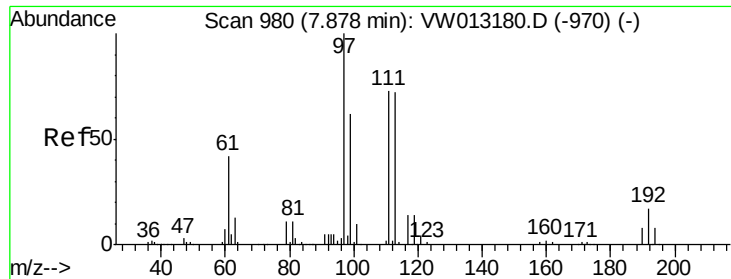
MMDadoda
 9/25/2019 12:35:46 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	472072		
63	19.9	0.0	41.4	
88	16.1	0.0	32.0	





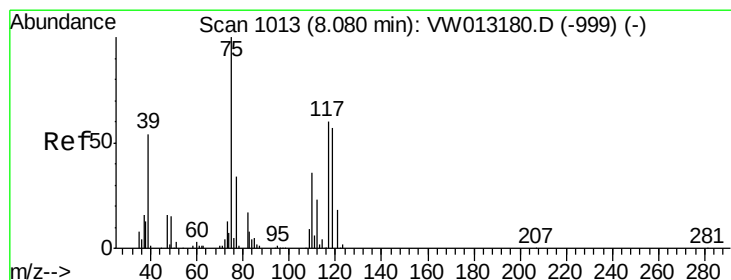
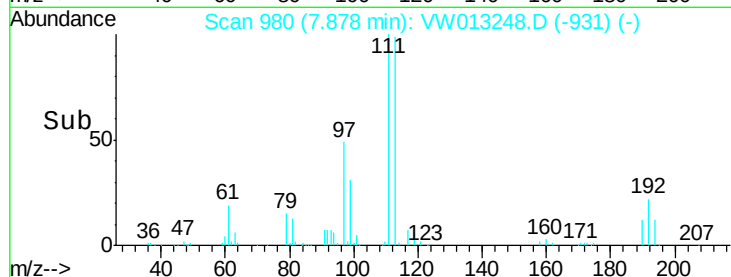
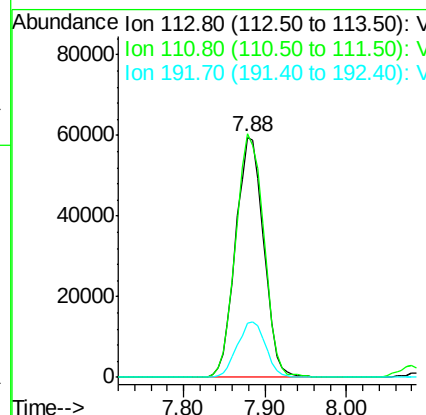
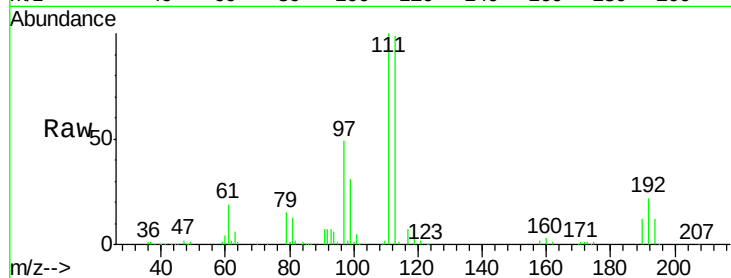
#35
 Dibromofluoromethane
 Concen: 54.348 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	141109		
111	102.1	81.9	122.9	
192	23.3	19.1	28.7	

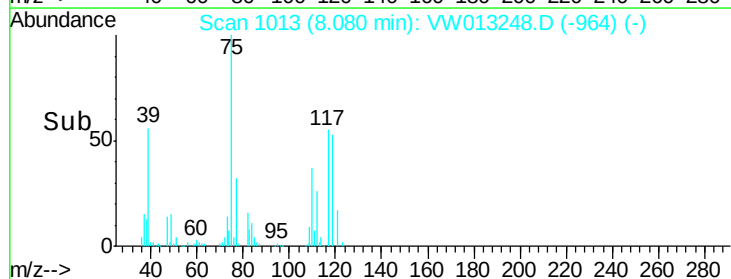
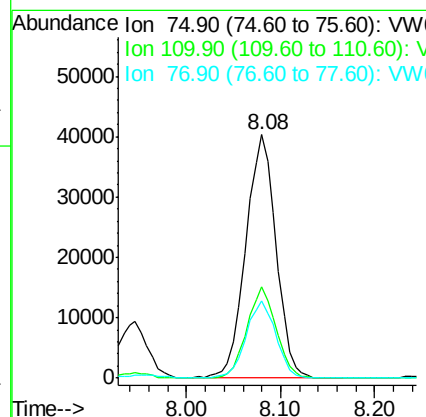
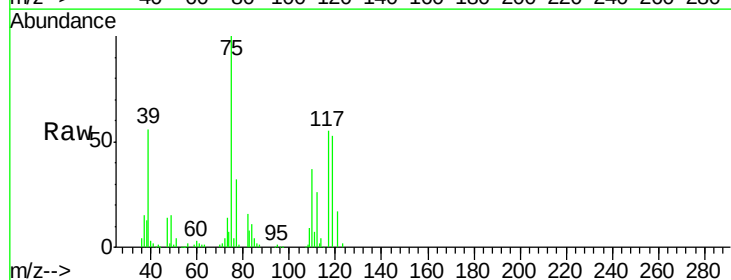
Manual Integrations
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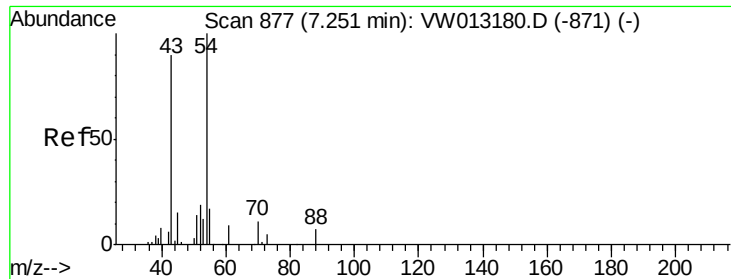
MMDadoda
 9/25/2019 12:35:46 AM



#36
 1,1-Dichloropropene
 Concen: 19.876 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	90882		
110	36.2	18.1	54.3	
77	31.2	25.8	38.6	





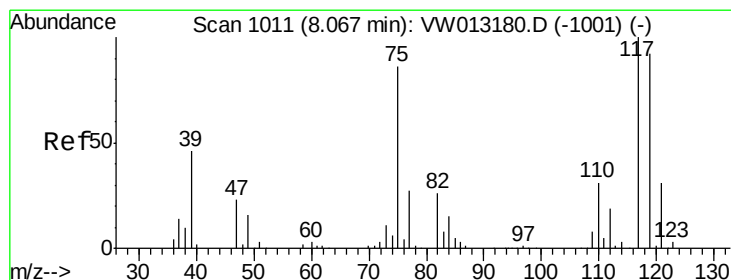
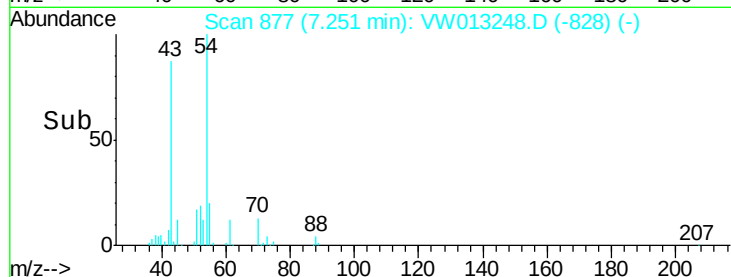
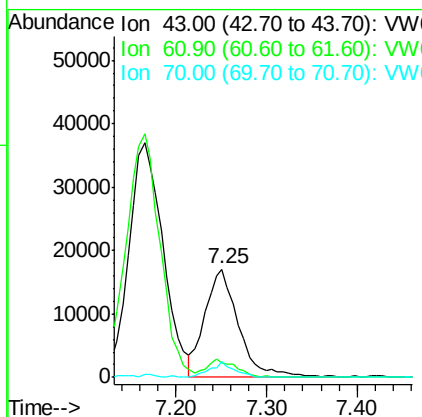
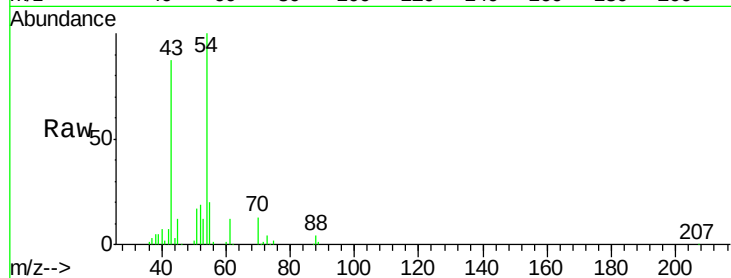
#37
Ethyl Acetate
Concen: 22.620 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.9	16.3
70	10.6	8.2	12.2

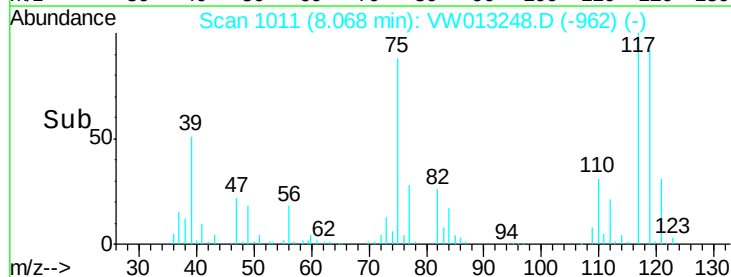
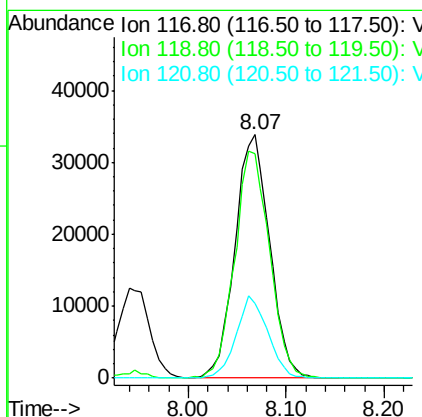
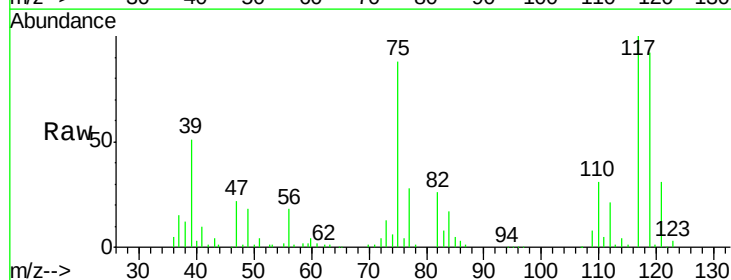
Manual Integrations
APPROVED

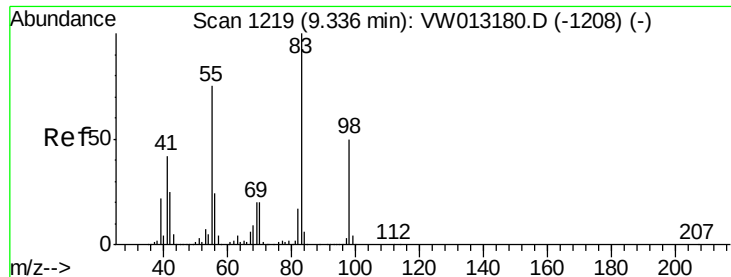
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#38
Carbon Tetrachloride
Concen: 20.332 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	73.5	110.3
121	30.7	25.0	37.6





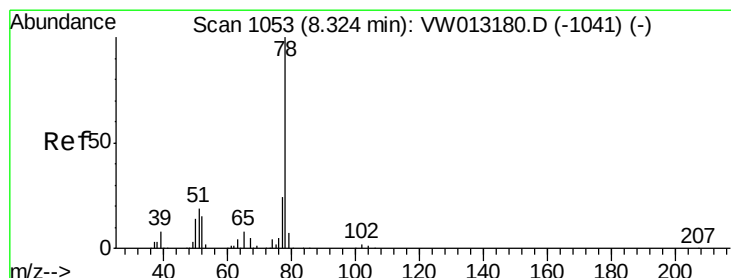
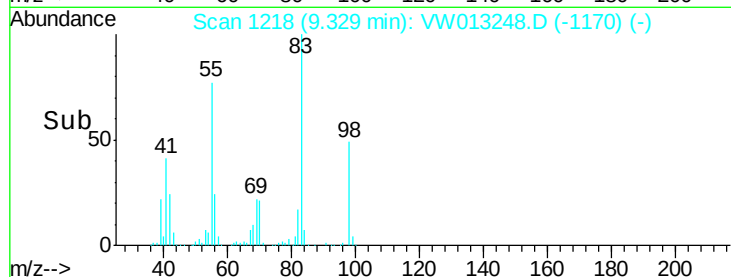
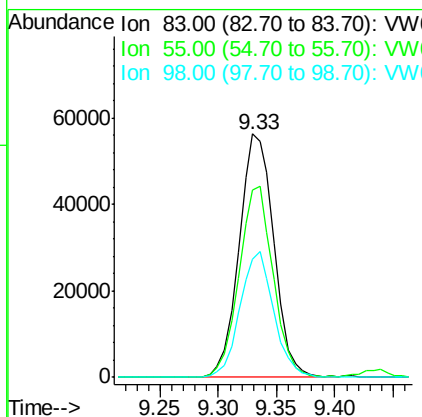
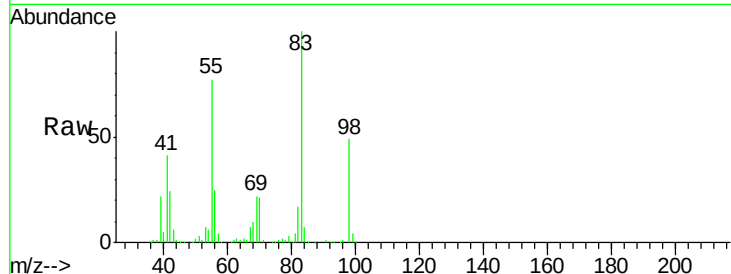
#39
Methylvlcyclohexane
Concen: 19.843 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	116594		
55	76.8		60.4	90.6
98	48.8		40.0	60.0

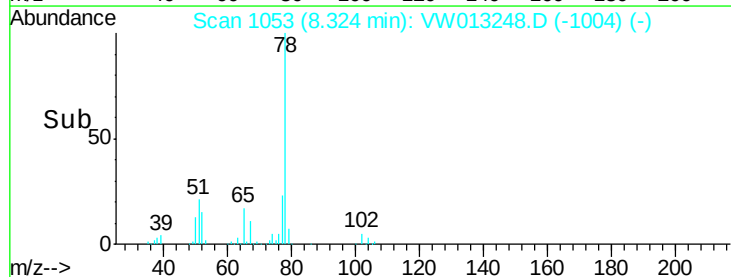
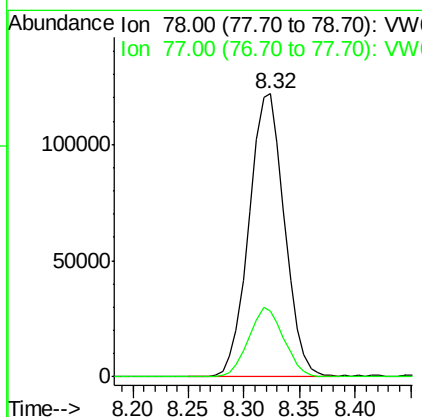
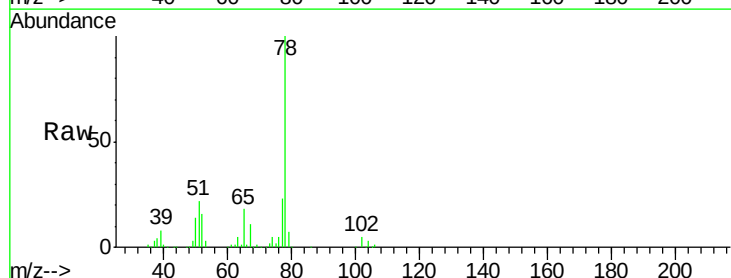
Manual Integrations
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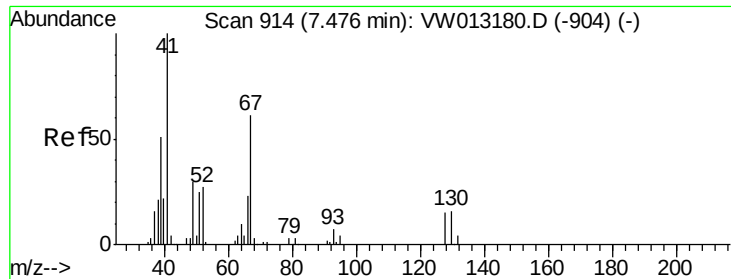
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#40
Benzene
Concen: 21.293 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	271564		
77	23.0		19.1	28.7





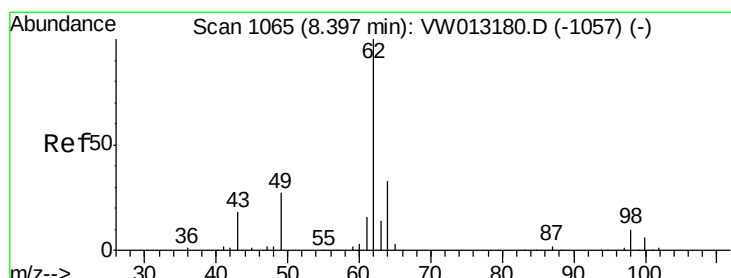
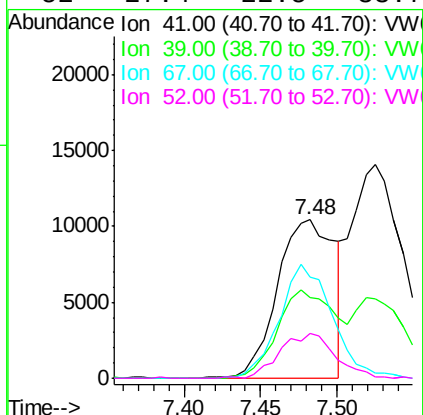
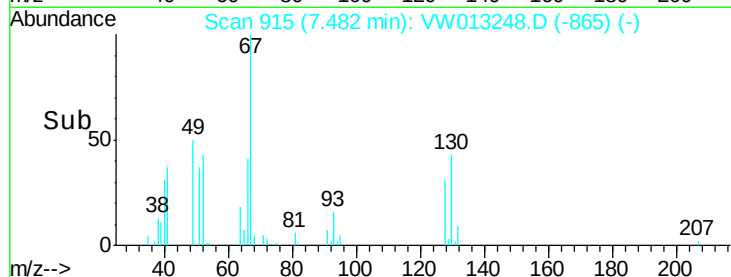
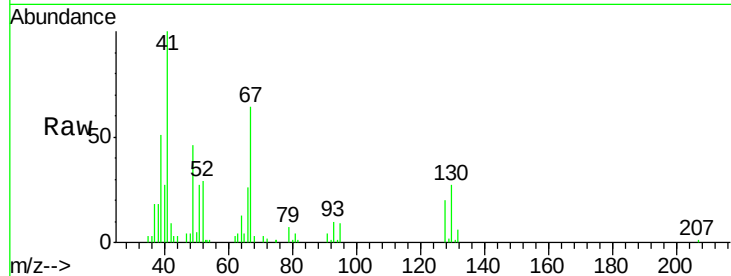
#41
Methacrylonitrile
Concen: 23.522 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.01 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		27281		
39	57.4	45.9	68.9		
67	66.2	54.5	81.7		
52	27.4	22.5	33.7		

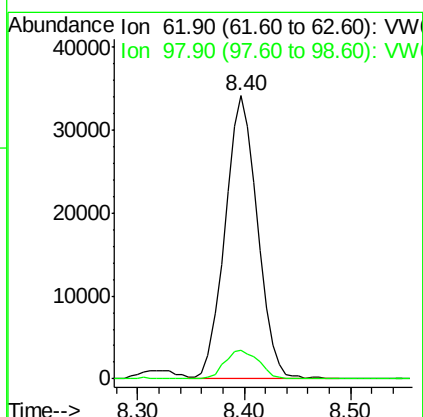
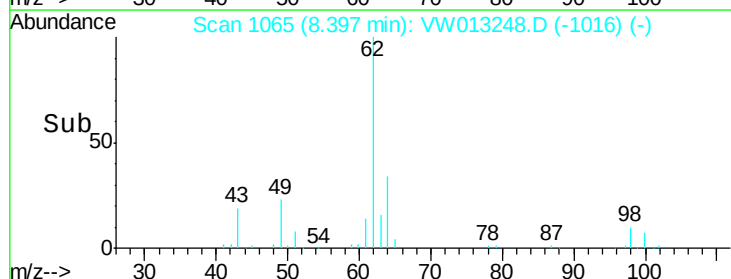
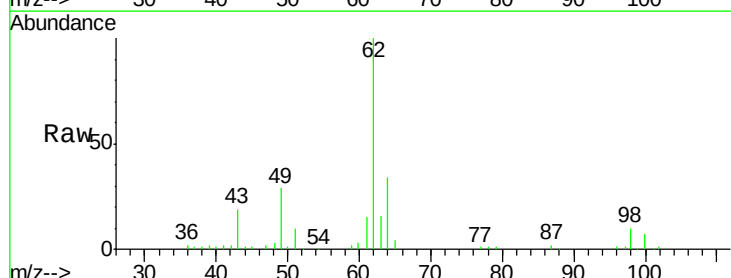
Manual Integrations
APPROVED

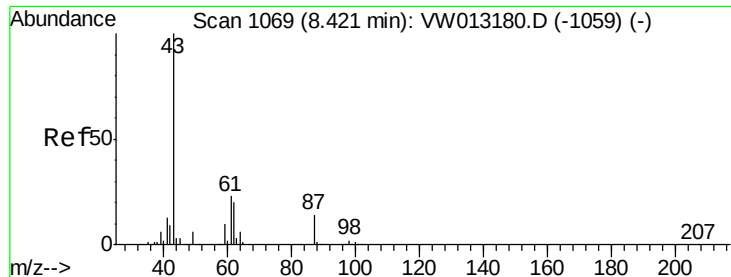
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#42
1,2-Dichloroethane
Concen: 21.170 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		72580		
98	10.8	0.0	20.6		





#43

Isopropyl Acetate

Concen: 22.012 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Instrument :

MSVOA_W

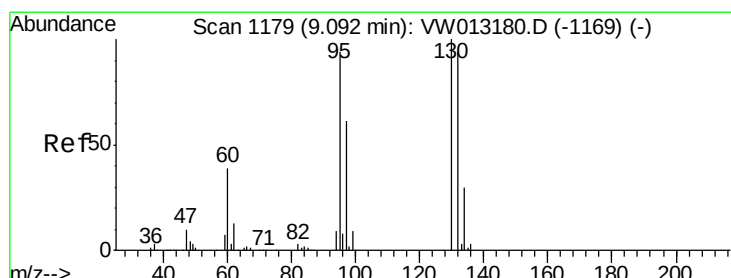
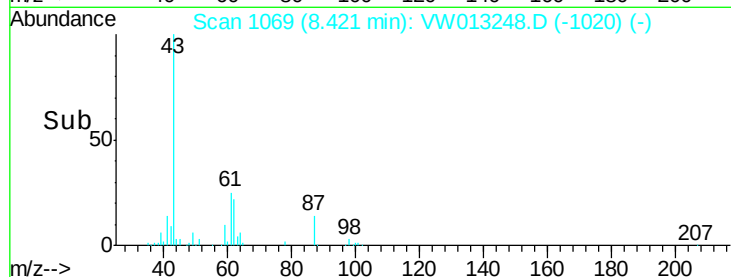
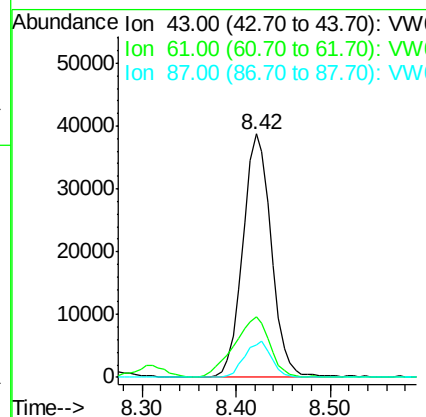
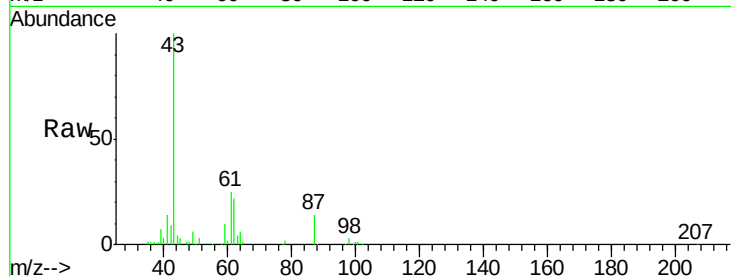
ClientSampleId :

VW0923SBS02

Tot Ion:	43	Resp:	81982
Ion	Ratio	Lower	Upper
43	100		
61	30.6	25.5	38.3
87	14.2	11.0	16.4

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#44

Trichloroethene

Concen: 20.757 ug/l

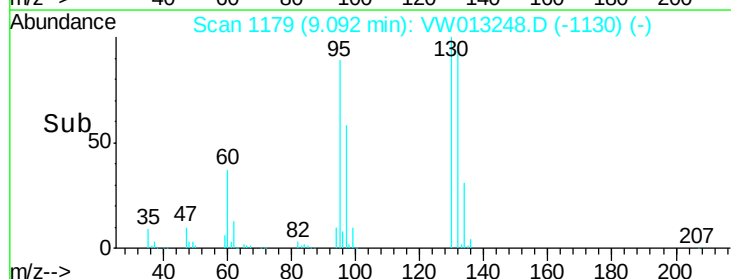
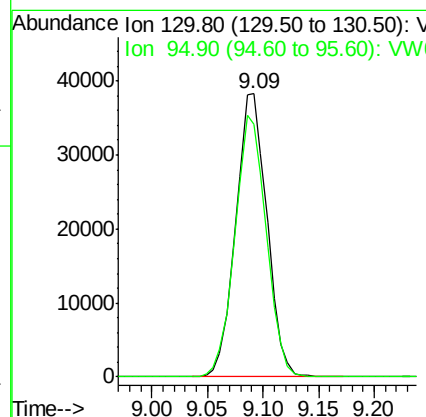
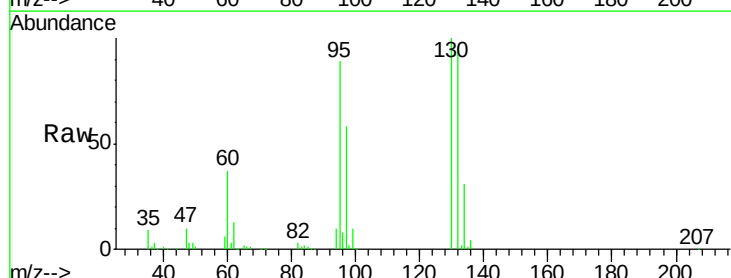
RT: 9.09 min Scan# 1179

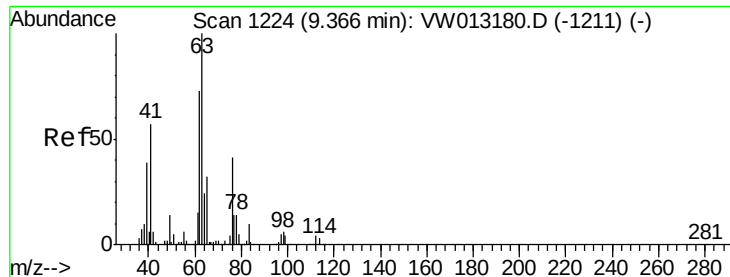
Delta R.T. 0.00 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Tgt Ion:	130	Resp:	74274
Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	188.0





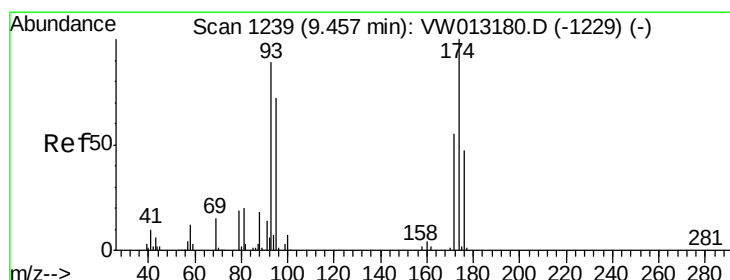
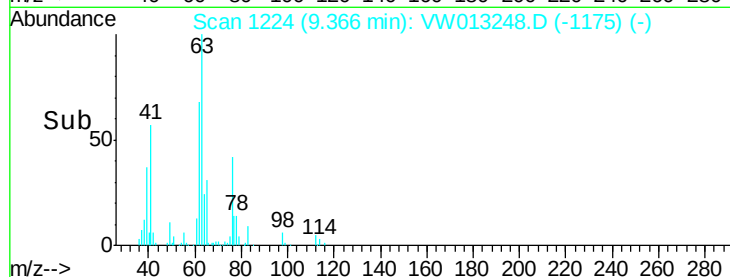
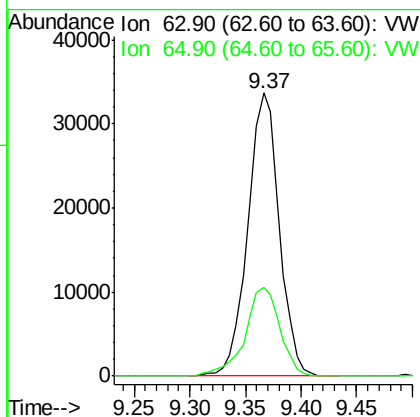
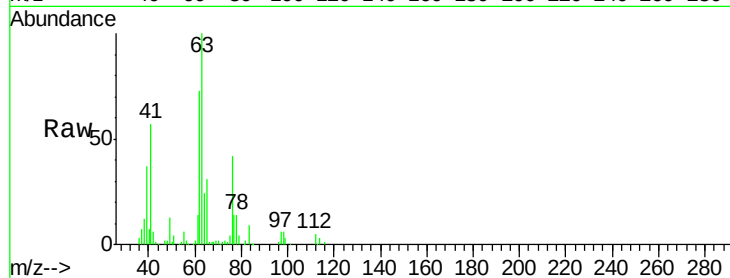
#45
 1,2-Dichloropropane
 Concen: 21.275 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	25.3	37.9

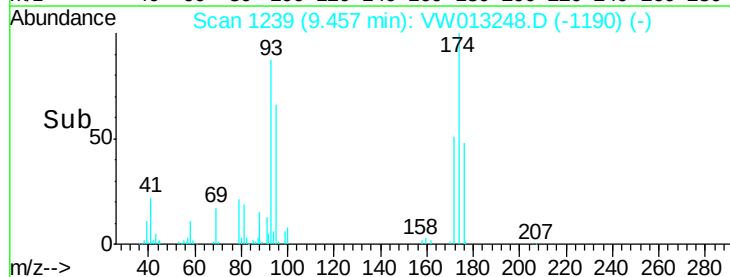
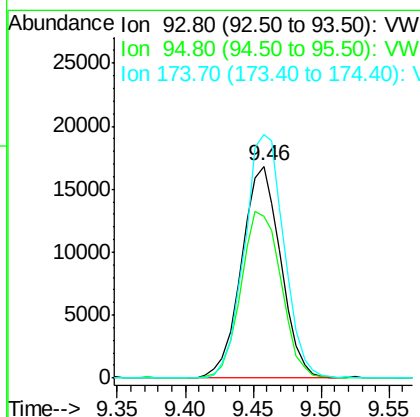
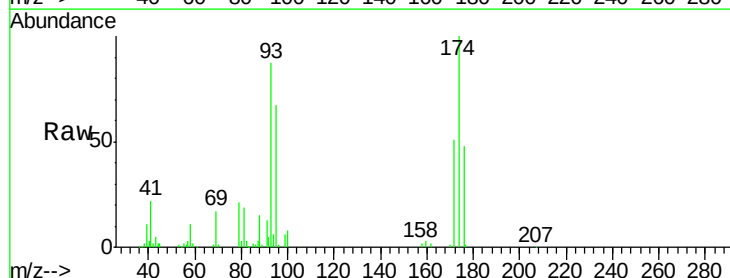
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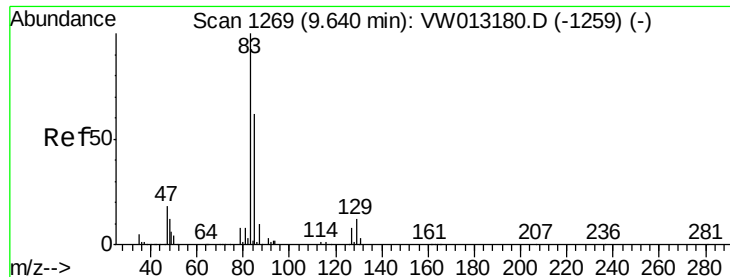
MMDadoda
 9/25/2019 12:35:46 AM



#46
 Dibromomethane
 Concen: 22.395 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.7	66.4	99.6
174	116.5	93.0	139.6





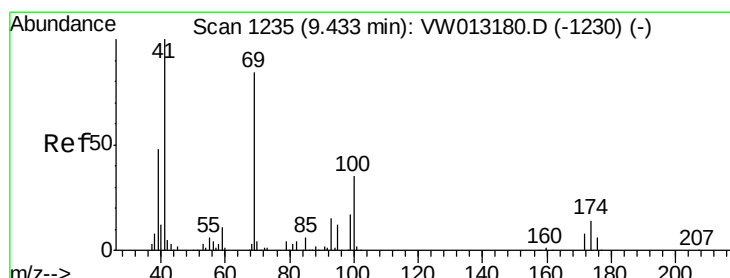
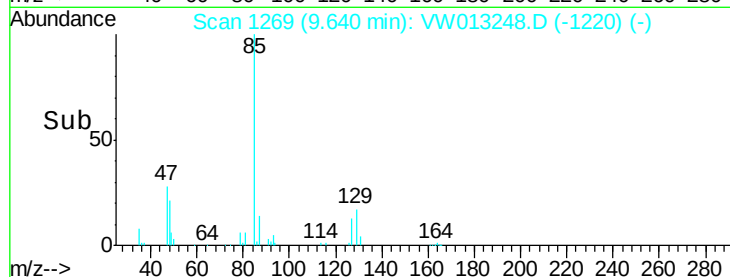
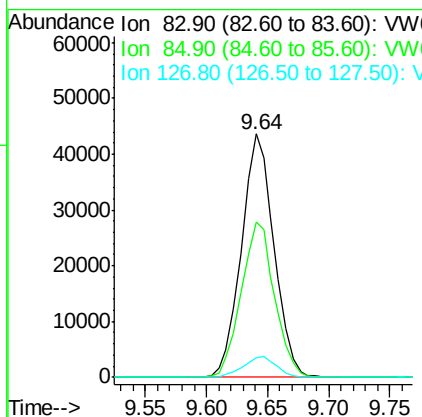
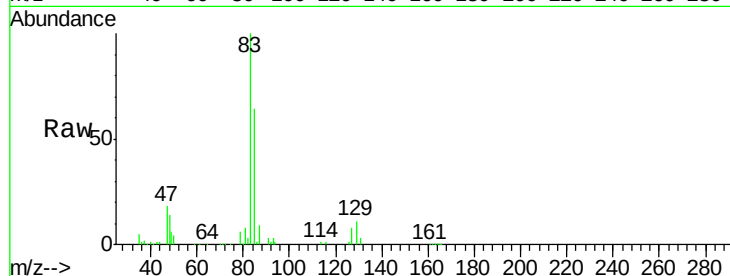
#47
Bromodichloromethane
Concen: 20.932 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	63.6	49.4	74.2	
127	8.1	6.5	9.7	

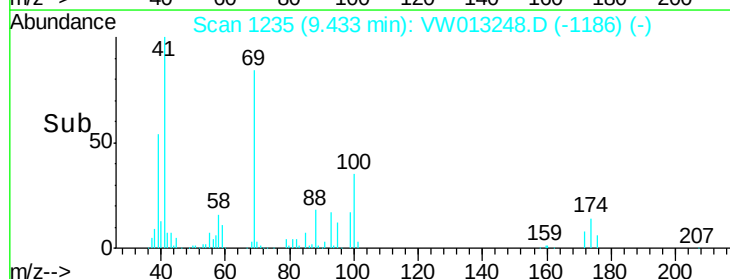
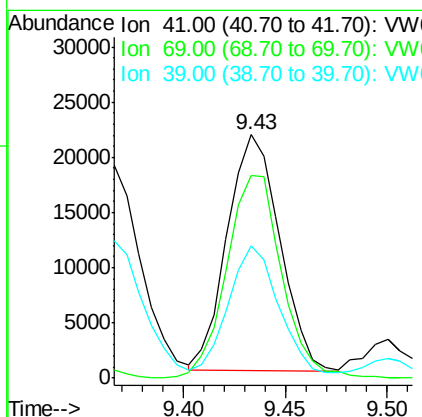
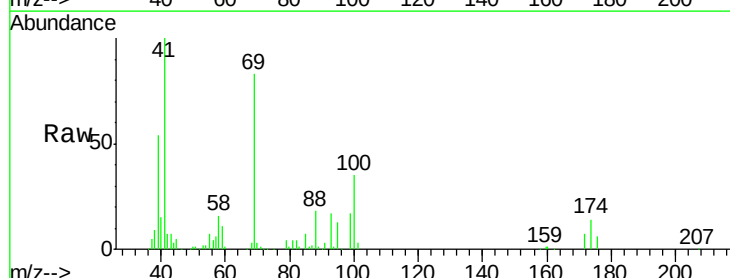
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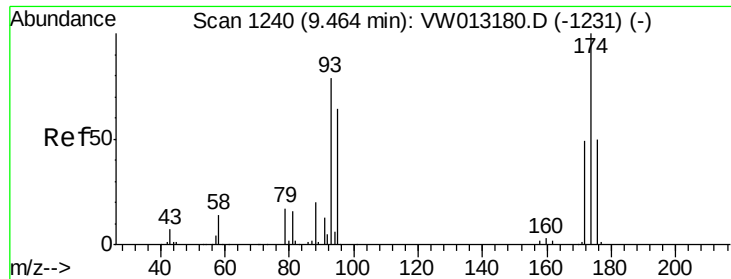
MMDadoda
9/25/2019 12:35:46 AM



#48
Methyl methacrylate
Concen: 21.767 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	90.9	69.7	104.5	
39	51.1	41.1	61.7	





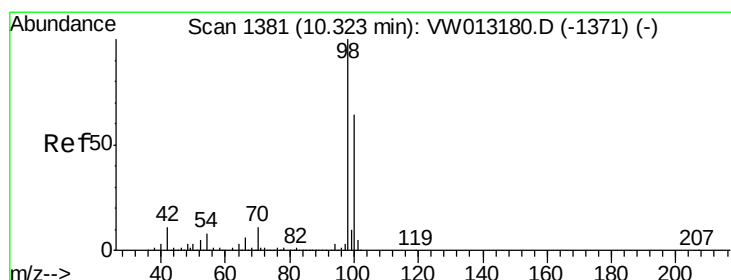
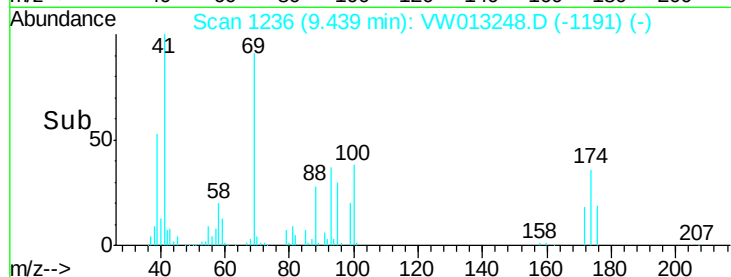
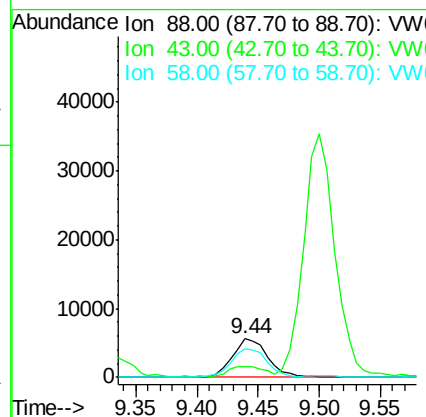
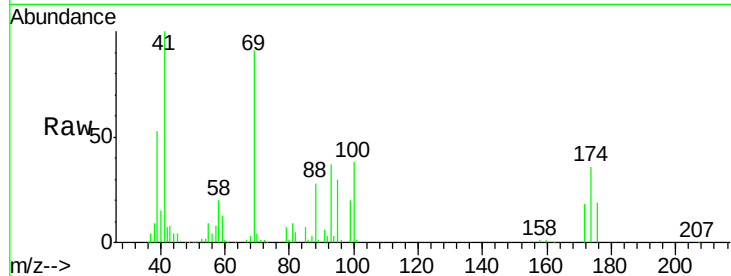
#49
1,4-Dioxane
Concen: 500.099 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.02 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBSD02

Tot Ion: 88 Resp: 11348
Ion Ratio Lower Upper
88 100
43 28.6 0.0 0.0#
58 75.1 65.4 98.0

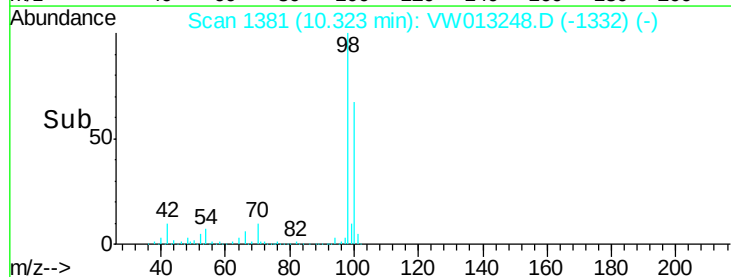
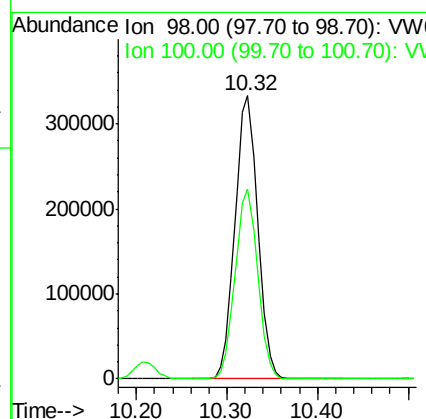
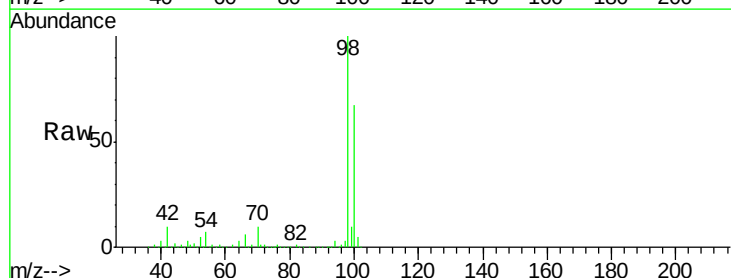
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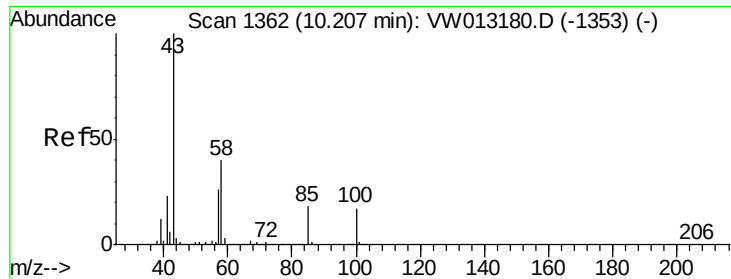
MMDadoda
9/25/2019 12:35:46 AM



#50
Toluene-d8
Concen: 53.468 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Tgt Ion: 98 Resp: 580992
Ion Ratio Lower Upper
98 100
100 66.4 52.9 79.3





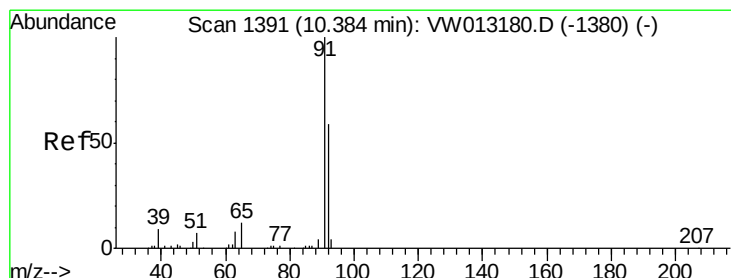
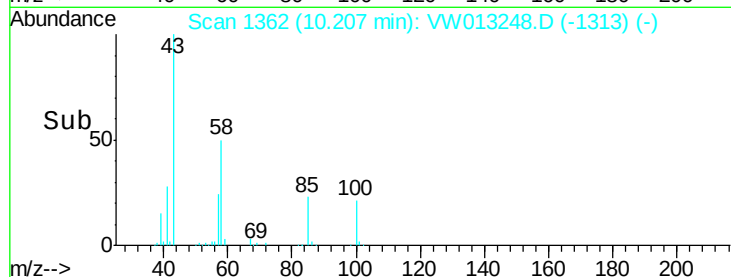
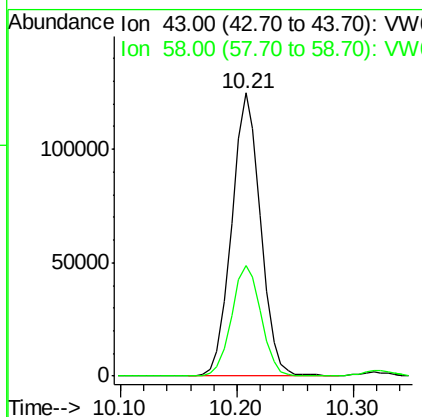
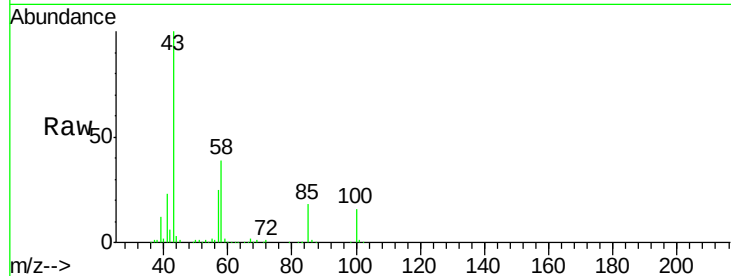
#51
 4-Methyl-2-Pentanone
 Concen: 114.981 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.0	31.7	47.5

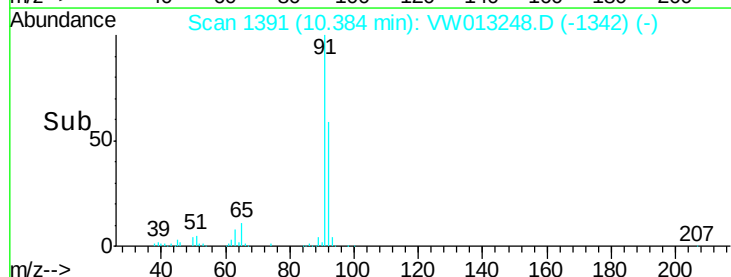
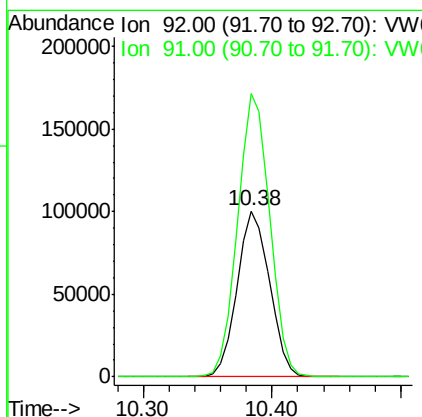
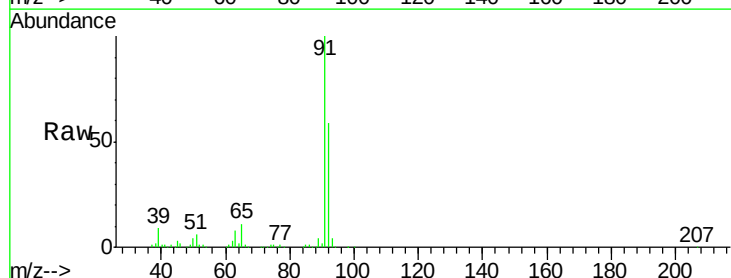
Manual Integrations
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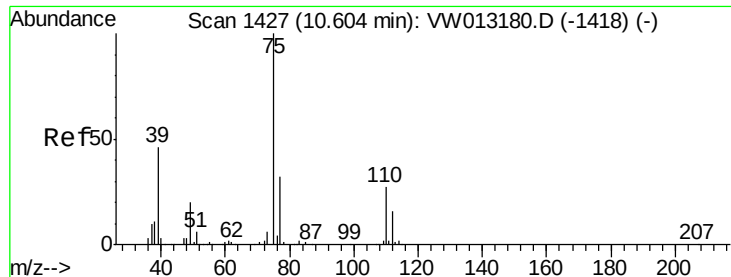
MMDadoda
 9/25/2019 12:35:46 AM



#52
 Toluene
 Concen: 21.419 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.9	135.7	203.5





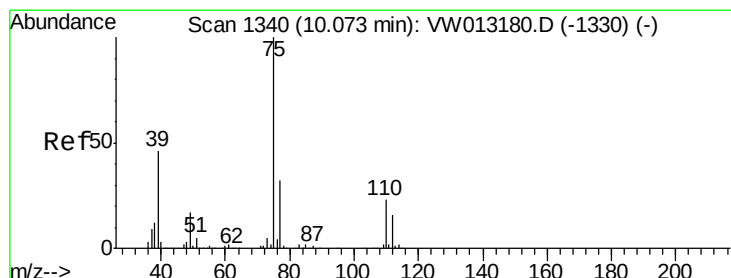
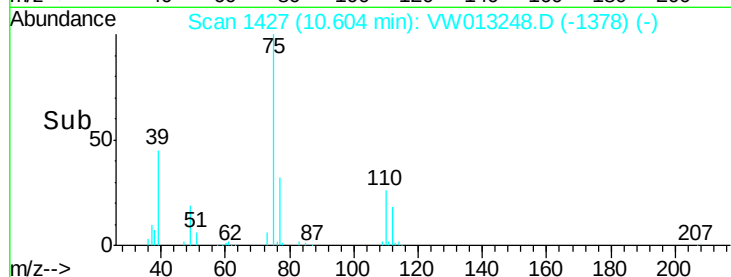
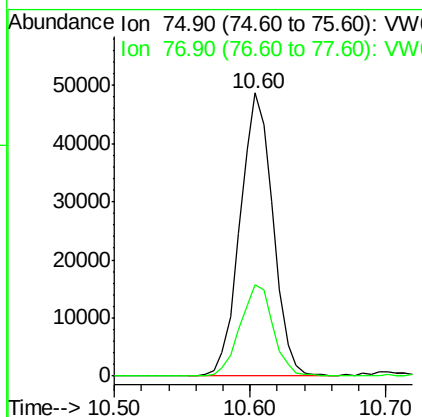
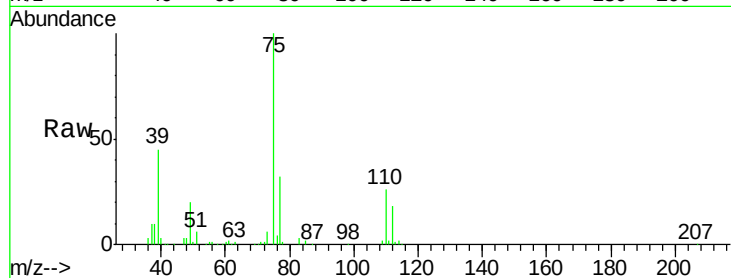
#53
t-1,3-Dichloropropene
Concen: 20.782 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.5	38.3

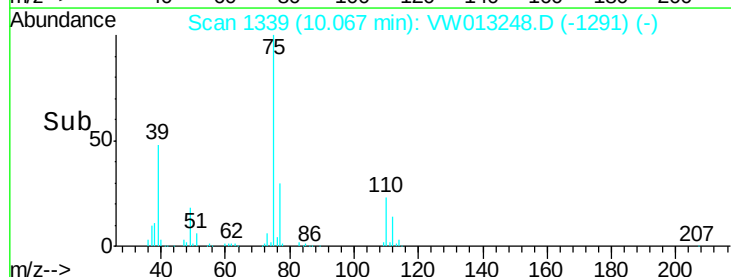
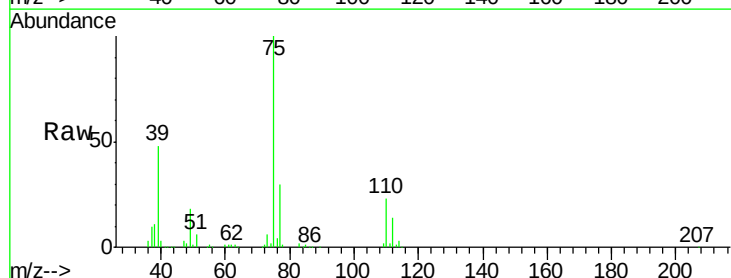
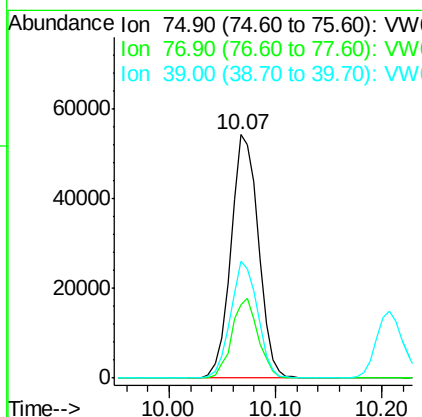
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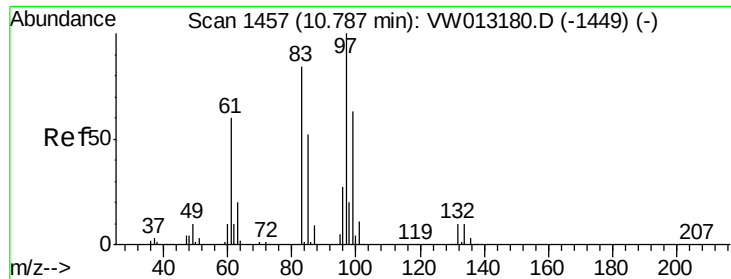
MMDadoda
9/25/2019 12:35:46 AM



#54
cis-1,3-Dichloropropene
Concen: 20.486 ug/l
RT: 10.07 min Scan# 1339
Delta R.T. -0.01 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.2	37.8
39	48.2	36.6	55.0





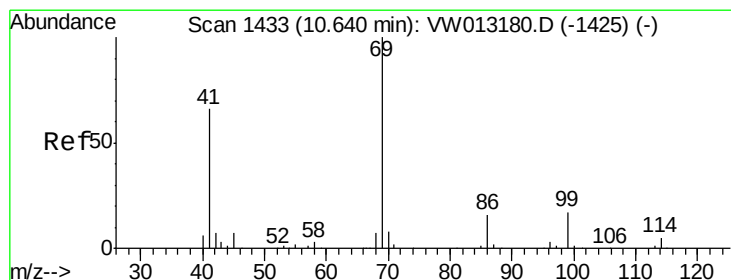
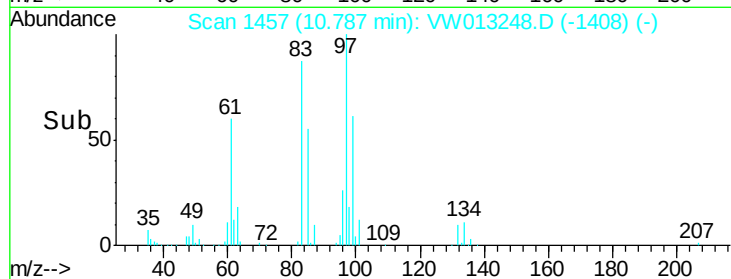
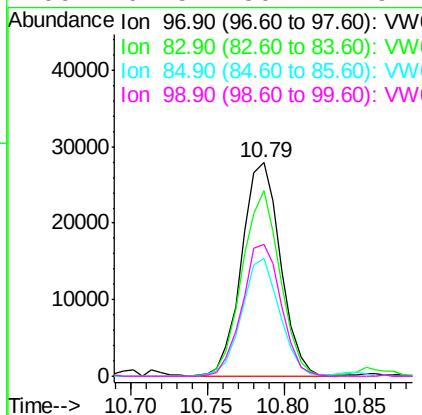
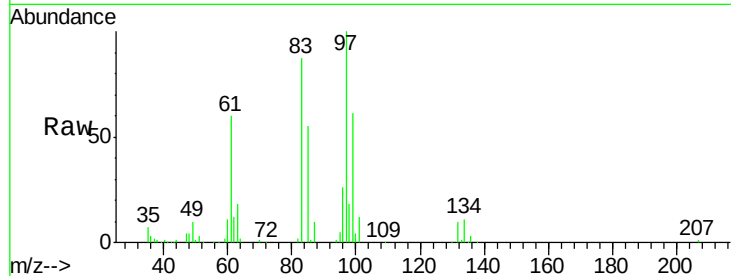
#55
 1,1,2-Trichloroethane
 Concen: 21.809 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS02

Tot Ion:	97	Resp:	49277
Ion	Ratio	Lower	Upper
97	100		
83	86.8	67.6	101.4
85	55.1	41.9	62.9
99	61.5	50.1	75.1

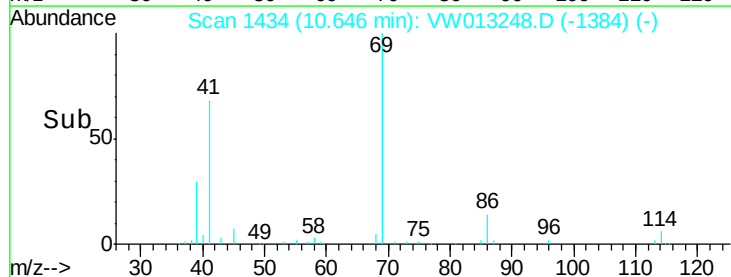
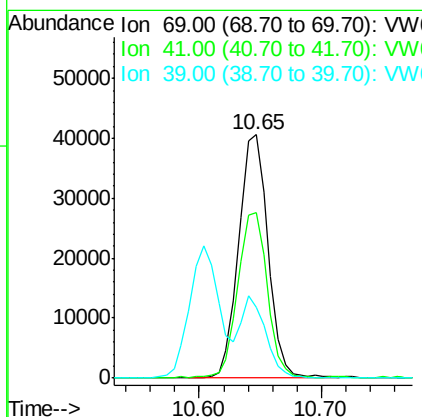
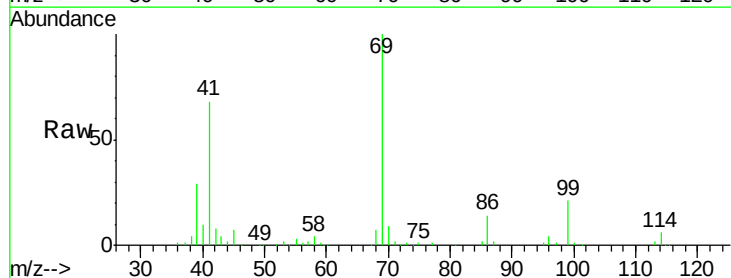
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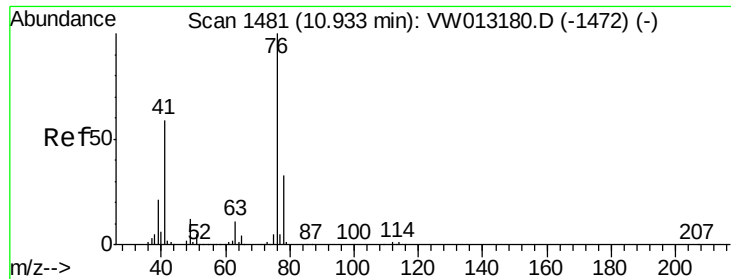
MMDadoda
 9/25/2019 12:35:46 AM



#56
 Ethyl methacrylate
 Concen: 22.880 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Tgt Ion:	69	Resp:	67657
Ion	Ratio	Lower	Upper
69	100		
41	67.2	53.9	80.9
39	28.0	23.8	35.6





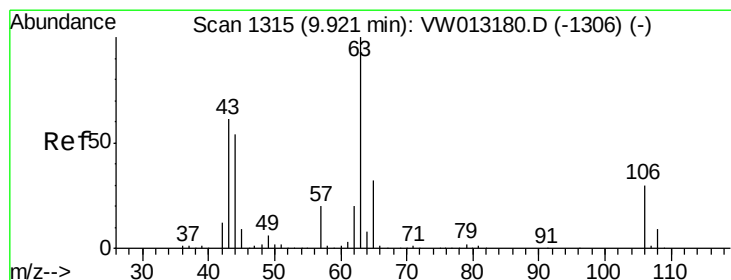
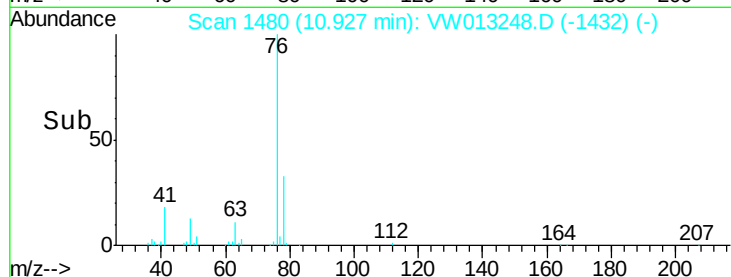
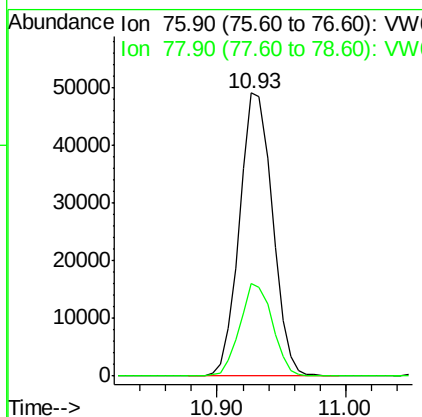
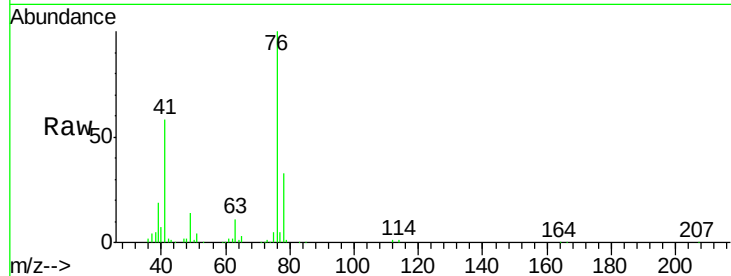
#57
 1,3-Dichloropropane
 Concen: 22.117 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBSD02

Tot Ion: 76 Resp: 87207
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.5 38.3

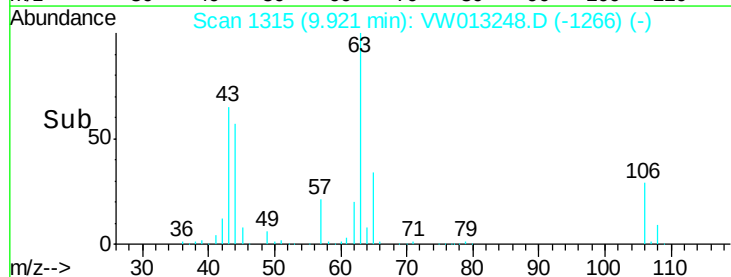
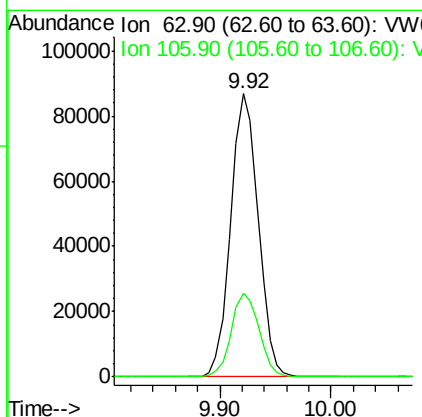
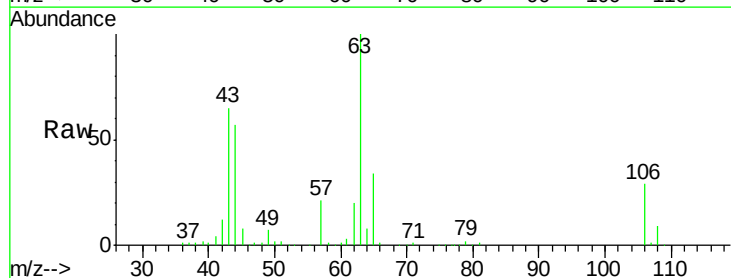
Manual Integrations
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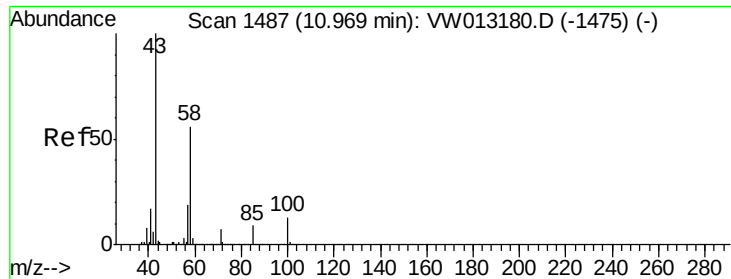
MMDadoda
 9/25/2019 12:35:46 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.627 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Tgt Ion: 63 Resp: 148706
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.4 35.0





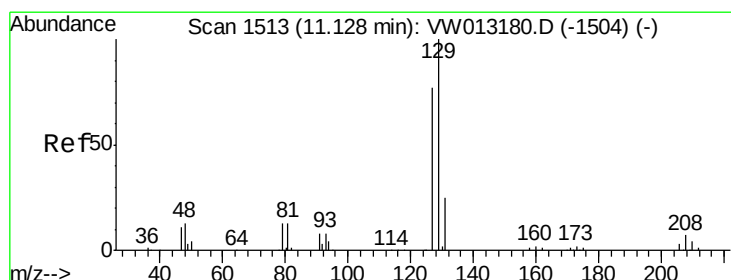
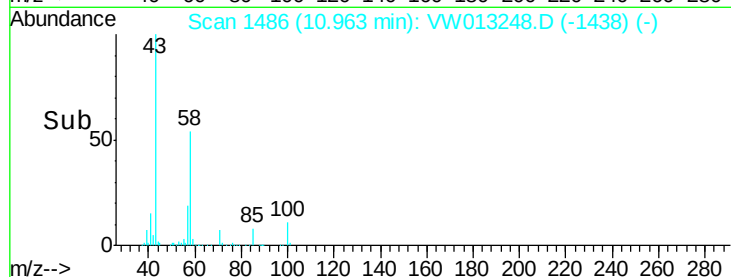
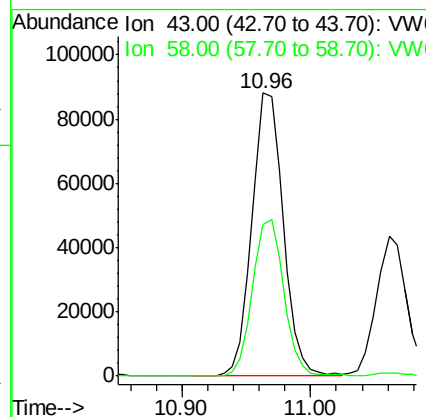
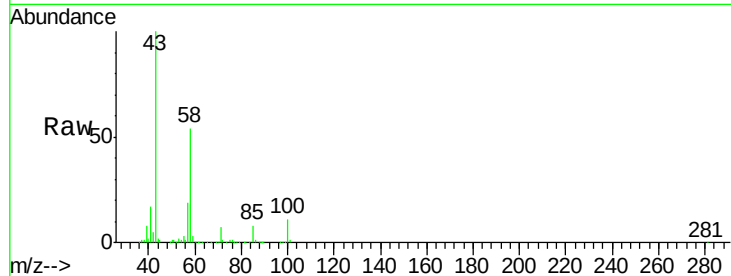
#59
2-Hexanone
Concen: 115.261 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBSD02

Tot Ion: 43 Resp: 148062
Ion Ratio Lower Upper
43 100
58 55.2 28.1 84.2

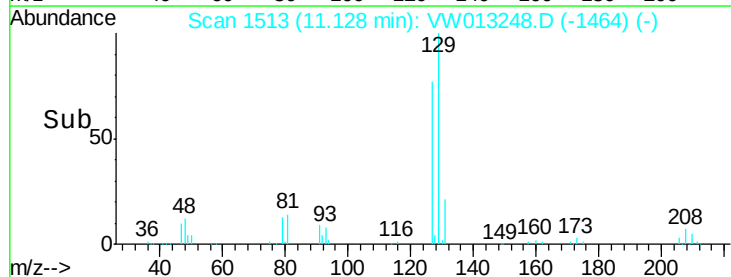
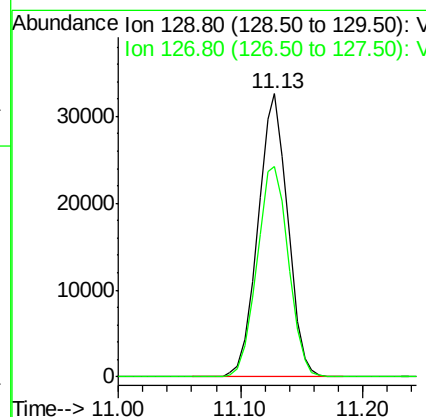
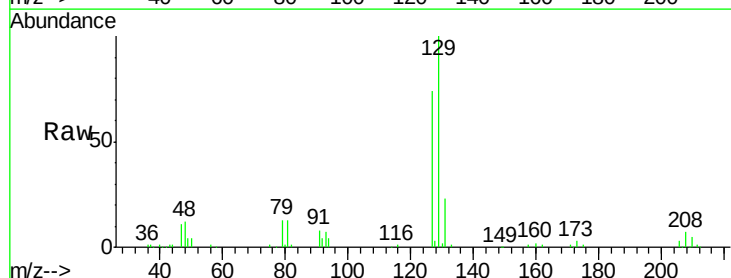
Manual Integrations
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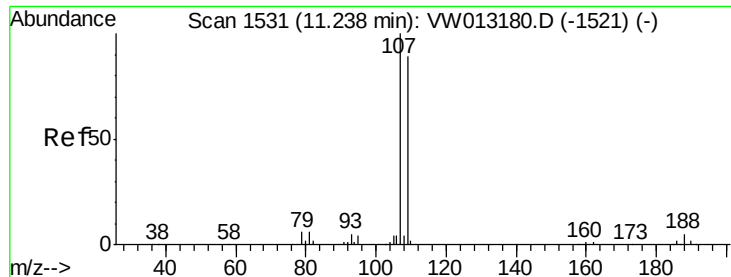
MMDadoda
9/25/2019 12:35:46 AM



#60
Dibromochloromethane
Concen: 21.563 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Tgt Ion: 129 Resp: 55322
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.4





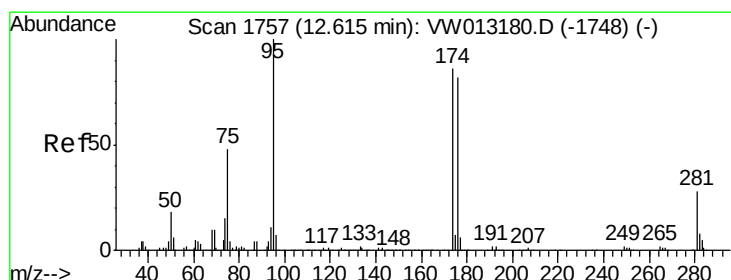
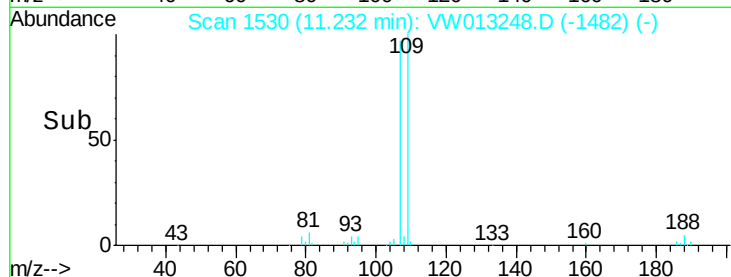
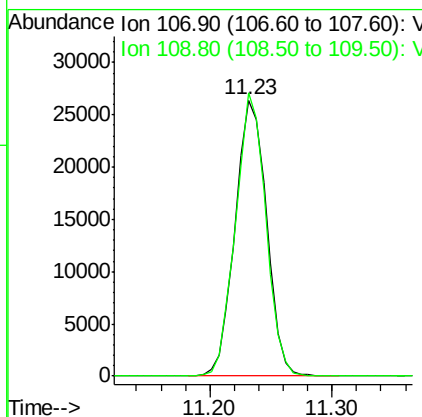
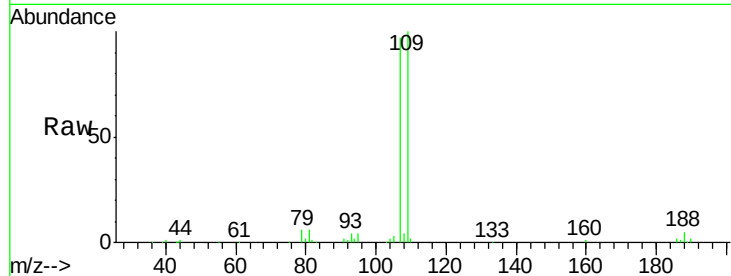
#61
1,2-Dibromoethane
Concen: 21.967 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
107	100	47191		
109	98.2	75.2	112.8	

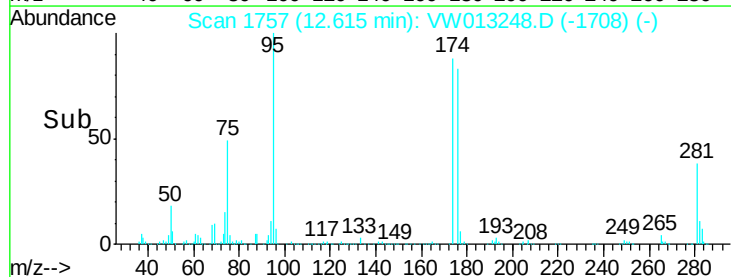
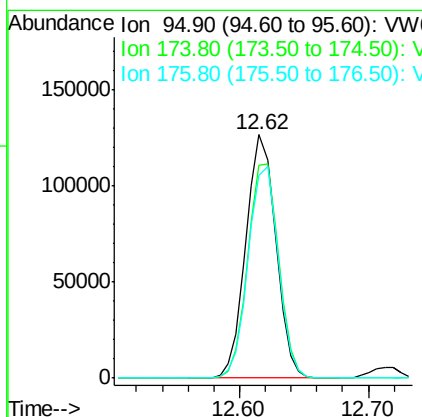
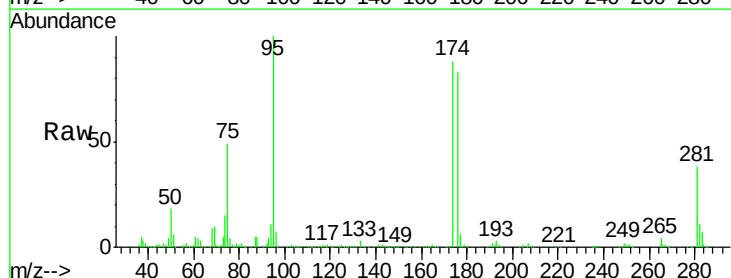
Manual Integrations
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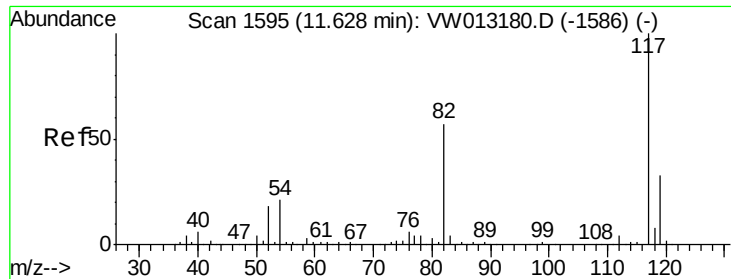
MMDadoda
9/25/2019 12:35:46 AM



#62
4-Bromofluorobenzene
Concen: 54.766 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	203282		
174	90.5	0.0	178.4	
176	87.6	0.0	172.2	





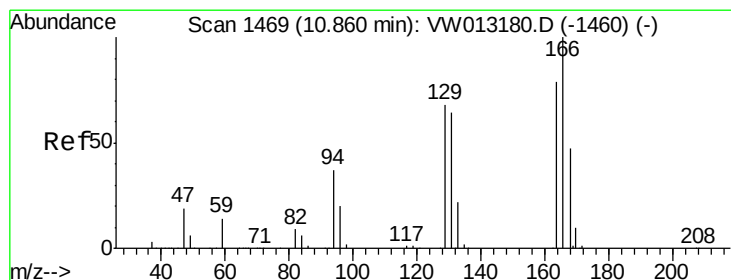
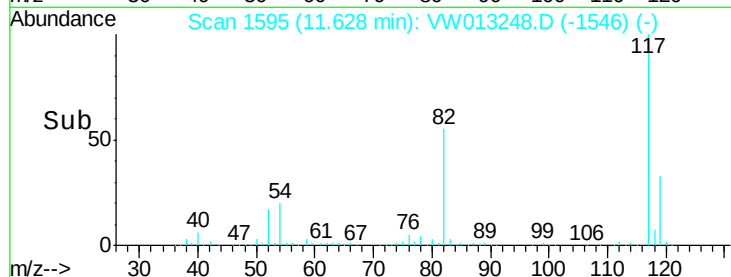
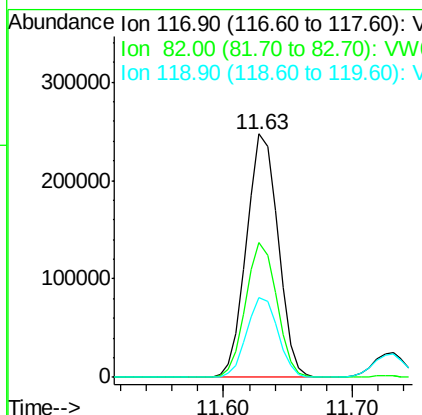
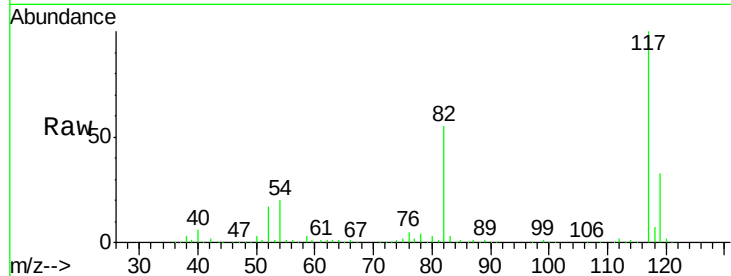
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	45.9	68.9
119	32.9	26.2	39.2

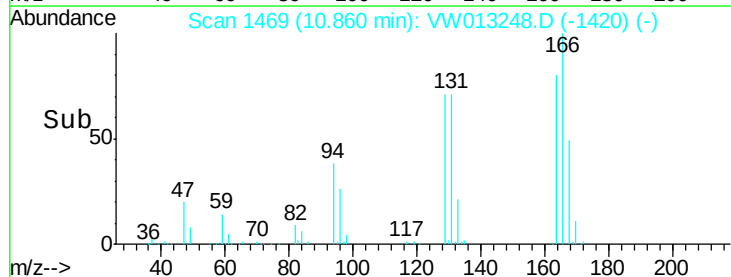
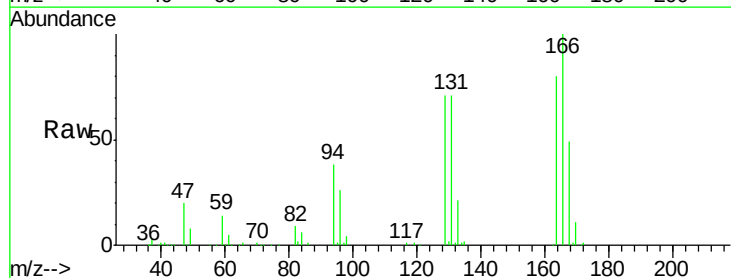
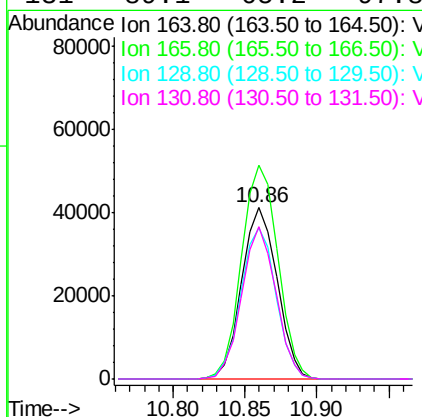
Manual Integrations
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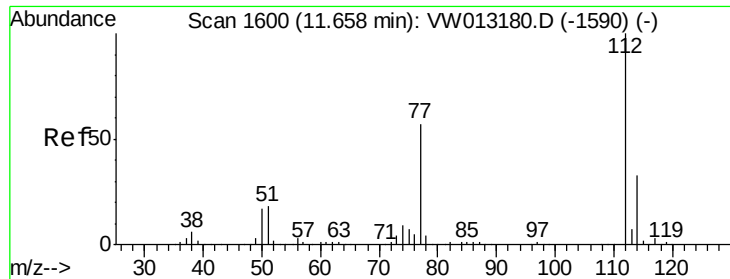
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#64
Tetrachloroethene
Concen: 22.168 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.8	101.2	151.8
129	88.6	68.8	103.2
131	89.1	65.2	97.8





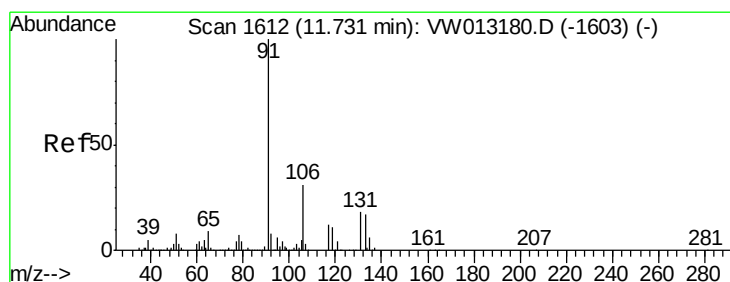
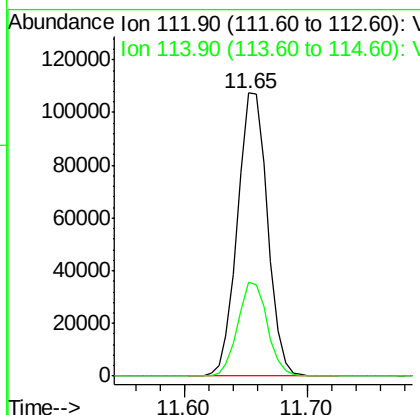
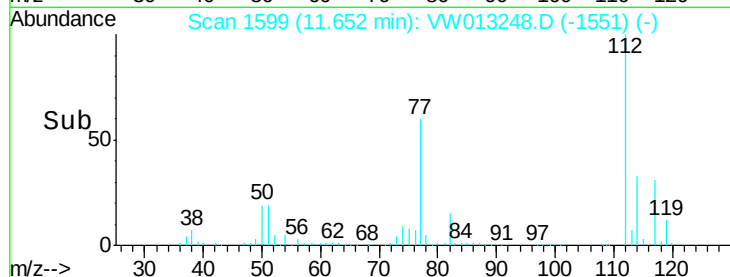
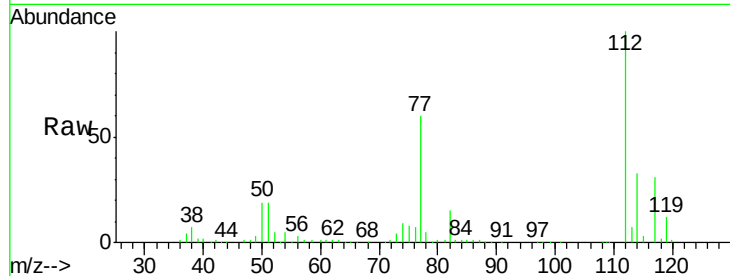
#65
Chlorobenzene
Concen: 20.931 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBSD02

Tot Ion:112 Resp: 183096
Ion Ratio Lower Upper
112 100
114 33.3 26.5 39.7

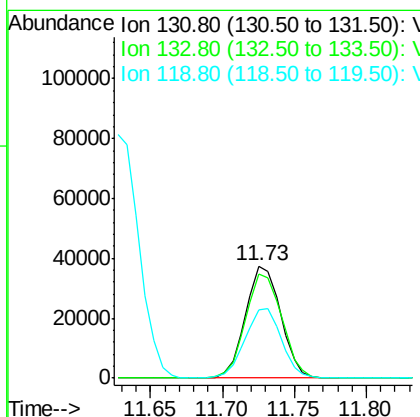
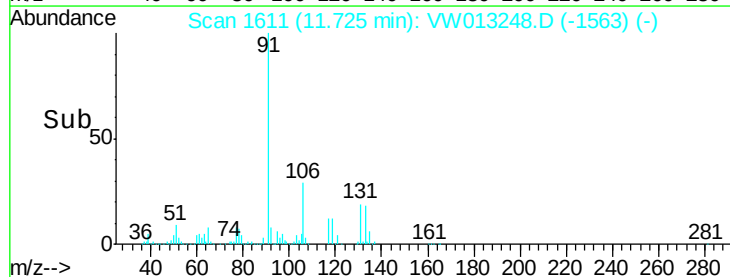
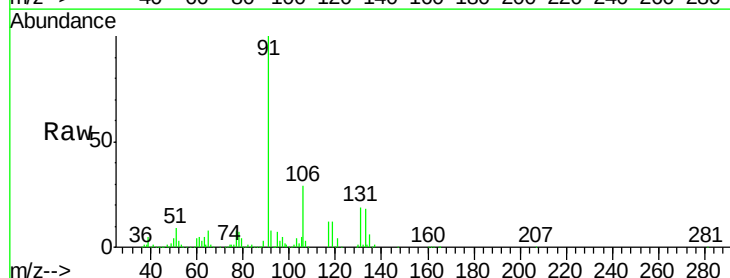
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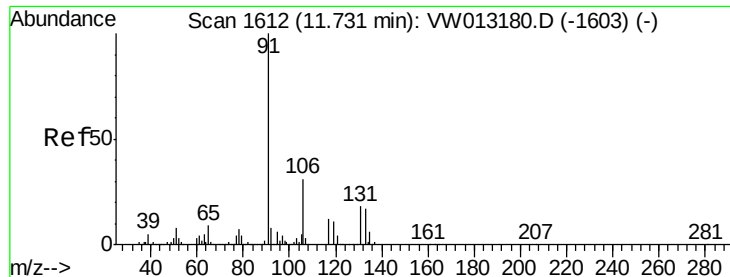
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.225 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Tgt Ion:131 Resp: 63430
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 64.2 32.5 97.5





#67

Ethyl Benzene

Concen: 20.634 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBS02

Tot Ion: 91 Resp: 327045

Ion Ratio Lower Upper

91 100

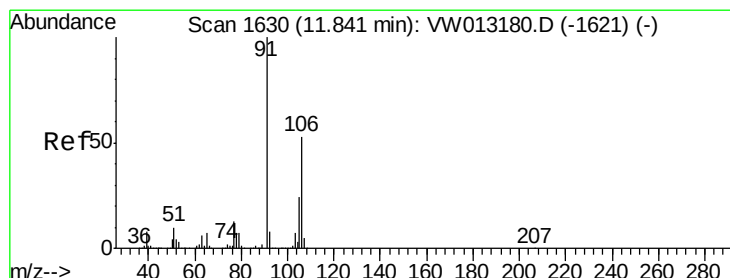
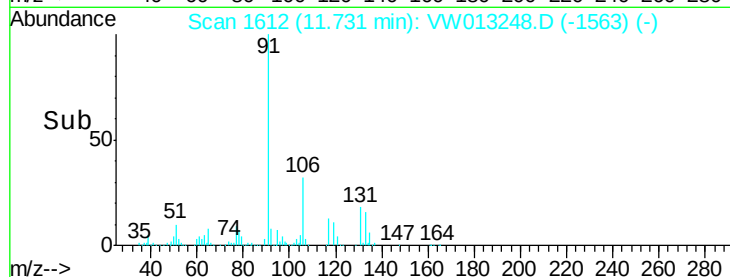
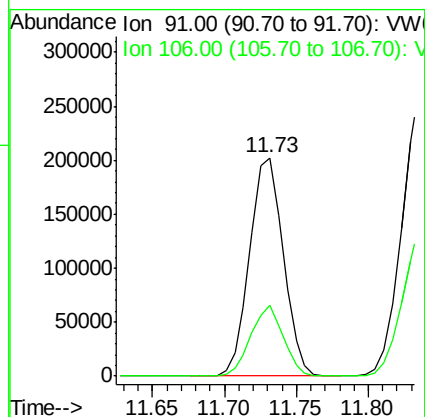
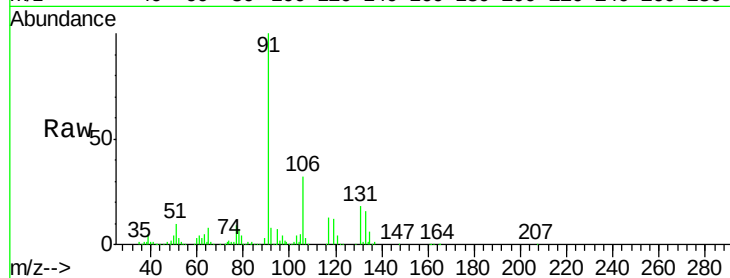
106 32.4 24.9 37.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 42.253 ug/l

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW013248.D

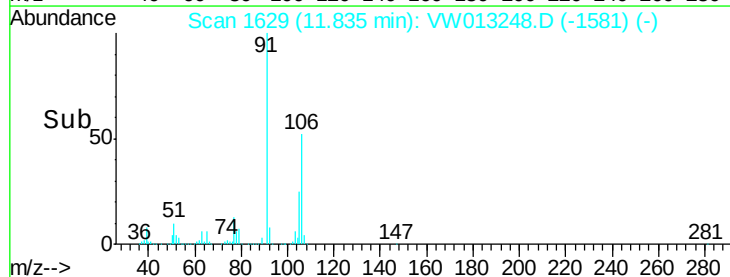
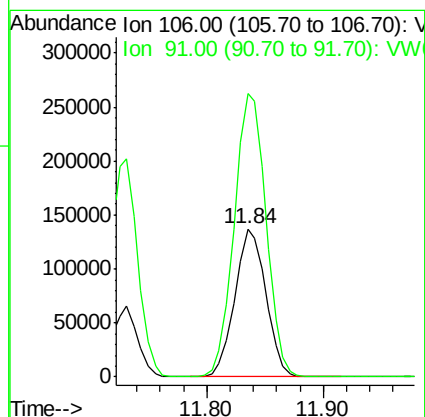
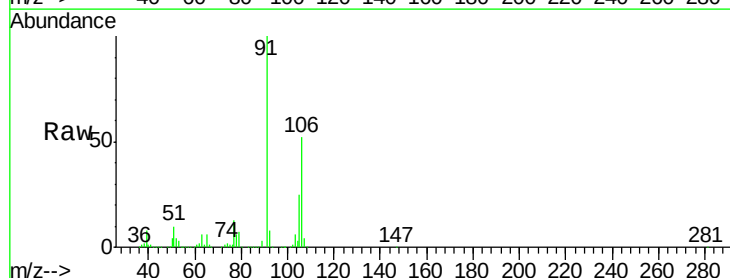
Acq: 24 Sep 2019 00:44

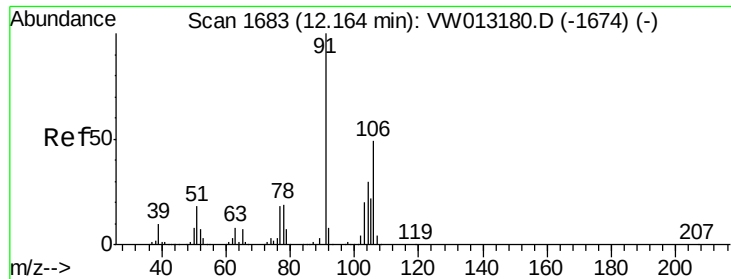
Tgt Ion: 106 Resp: 255195

Ion Ratio Lower Upper

106 100

91 195.4 157.9 236.9





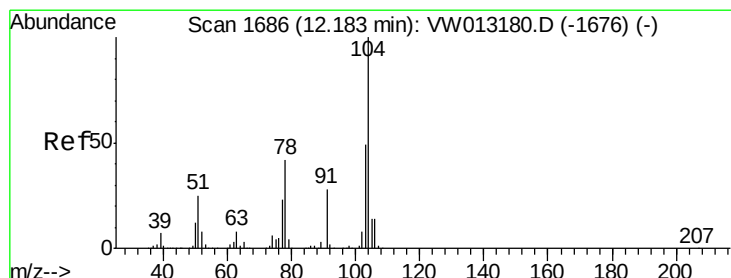
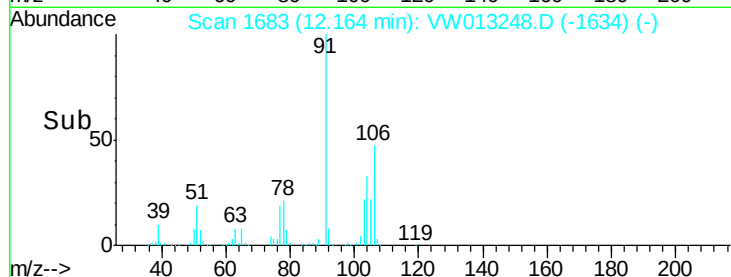
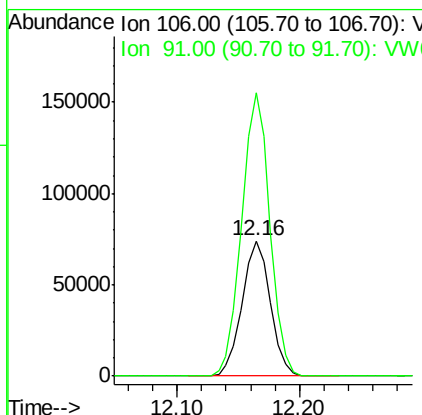
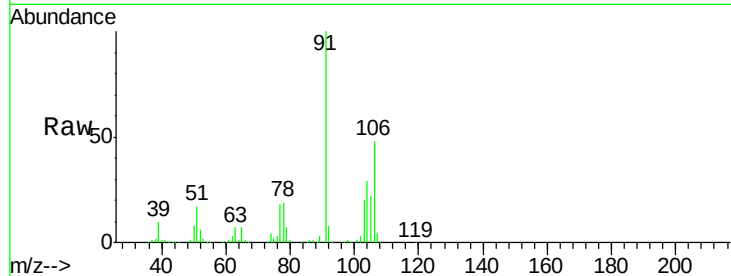
#69
o-Xylene
Concen: 21.123 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	118614		
91	91	208.4	106.5	319.5	

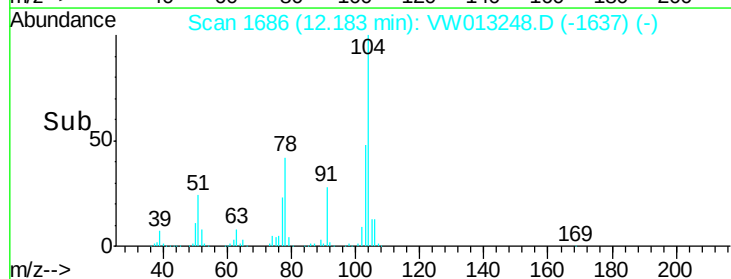
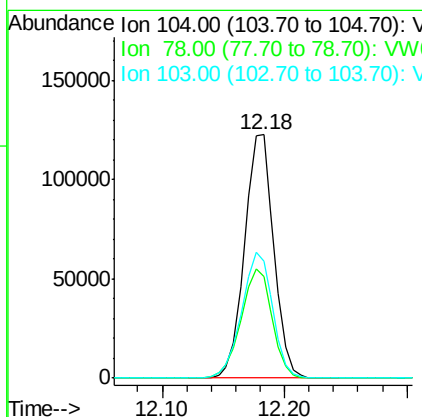
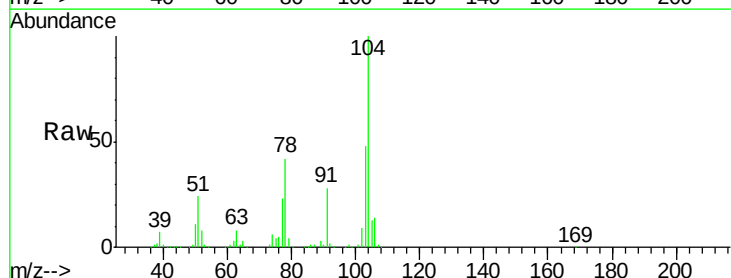
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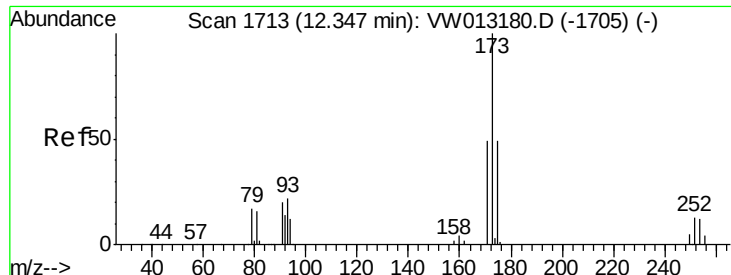
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#70
Styrene
Concen: 21.126 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	203666		
78	78	47.8	38.4	57.6	
103	103	54.6	43.3	64.9	





#71

Bromoform

Concen: 21.458 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBS02

Tot Ion:173 Resp: 33878

Ion Ratio Lower Upper

173 100

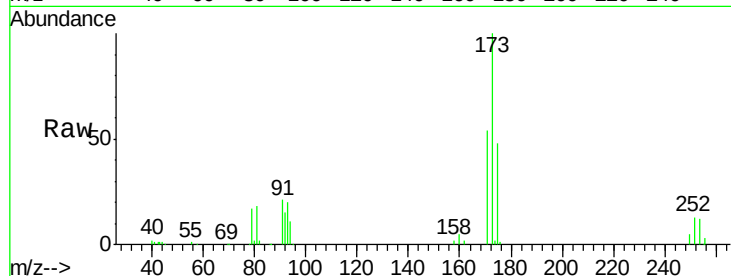
175 48.4 24.3 73.0

254 0.0 0.1 0.1#

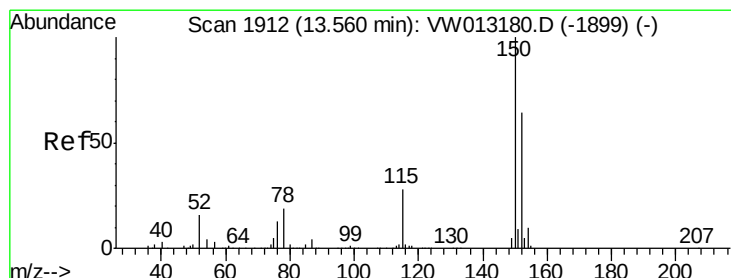
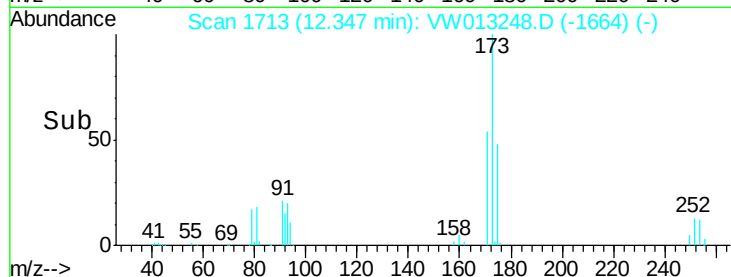
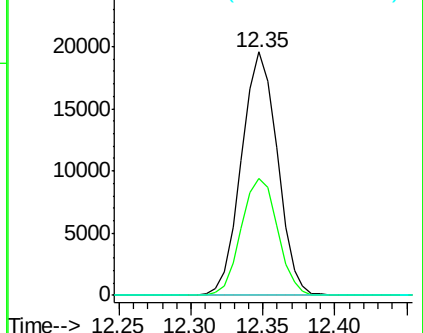
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

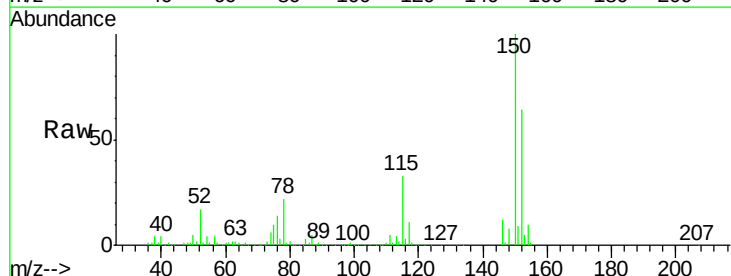
Tgt Ion:152 Resp: 217579

Ion Ratio Lower Upper

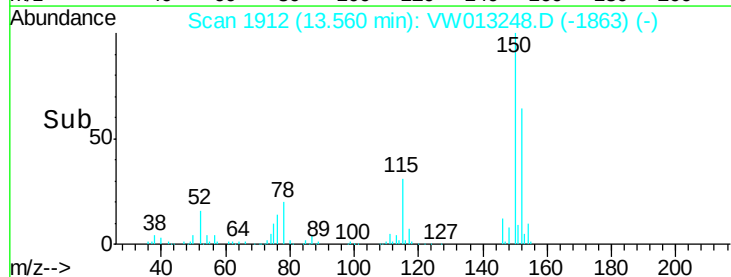
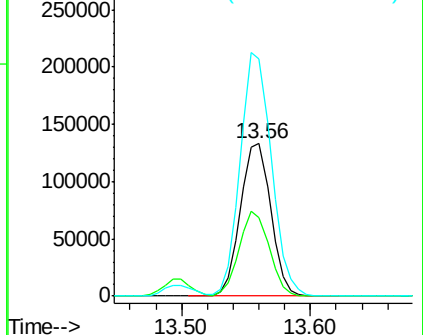
152 100

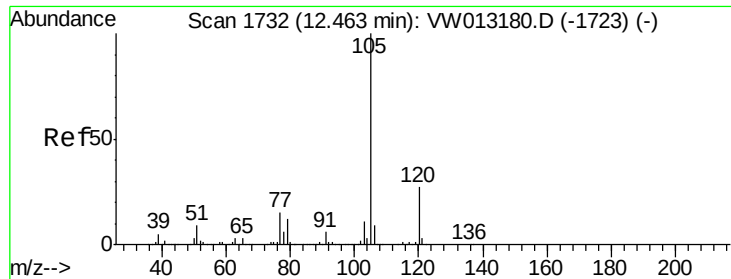
115 54.8 27.3 81.9

150 164.3 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.210 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBS02

Tot Ion:105 Resp: 324824

Ion Ratio Lower Upper

105 100

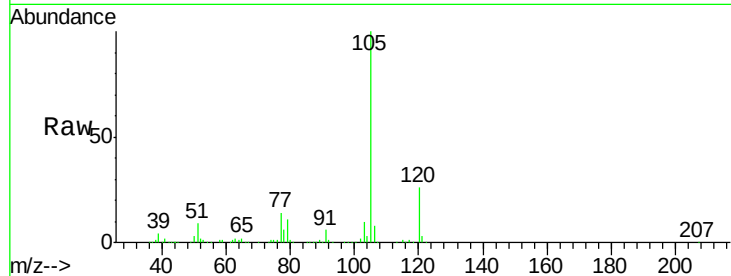
120 26.4 13.4 40.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

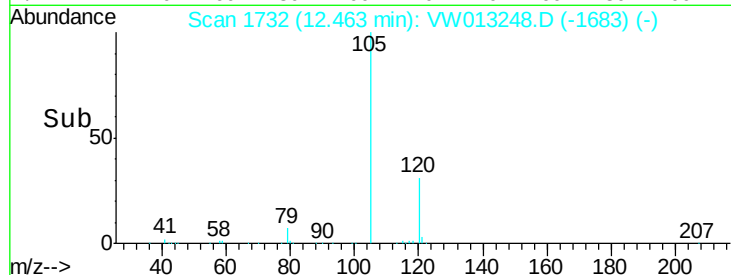
150000

100000

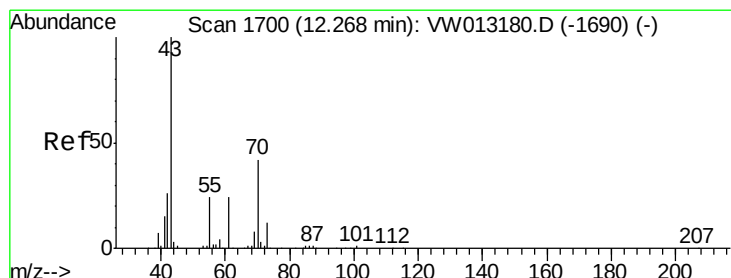
50000

0

Time-->



Time-->



#74

N-ethyl acetate

Concen: 21.424 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Tgt Ion: 43 Resp: 76410

Ion Ratio Lower Upper

43 100

70 43.3 35.1 52.7

55 25.5 19.9 29.9

61 25.5 19.5 29.3

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

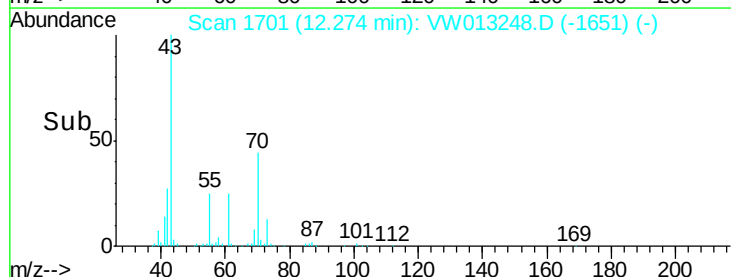
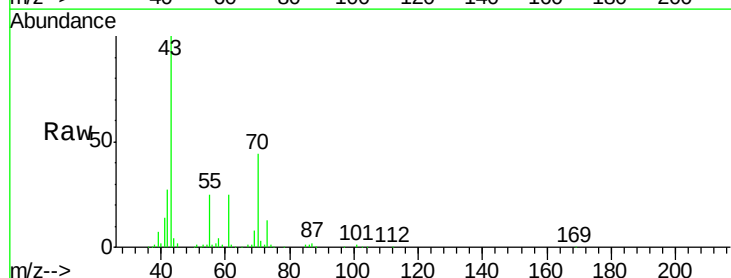
60000

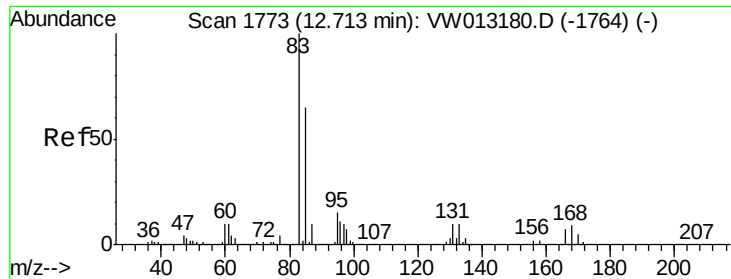
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.008 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Instrument :

MSVOA_W

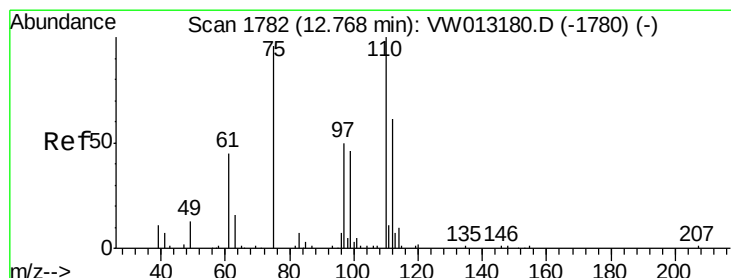
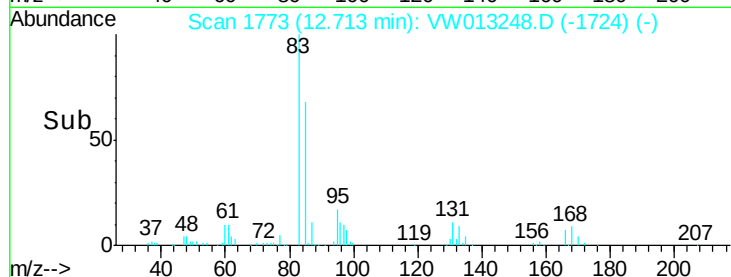
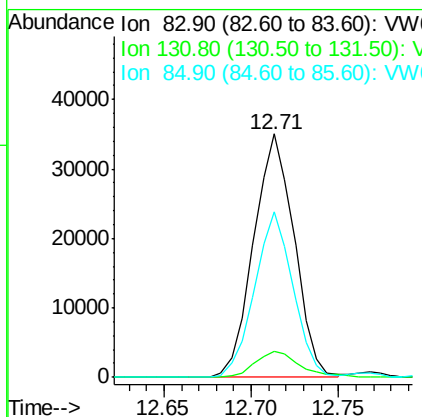
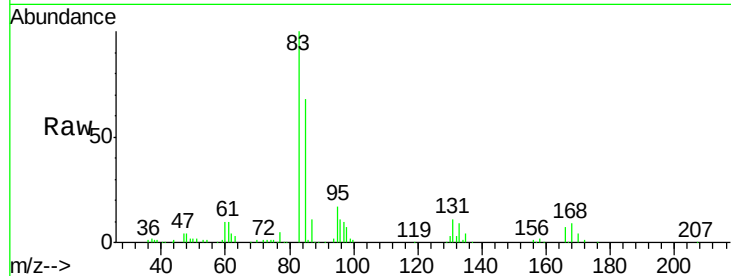
ClientSampleId :

VW0923SBS02

Tot Ion:	83	Resp:	56471
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.4	16.2
85	64.7	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 23.380 ug/l m

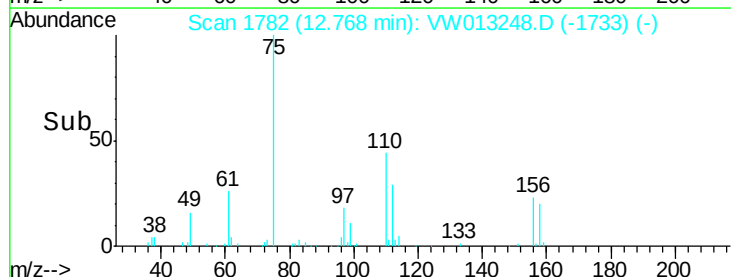
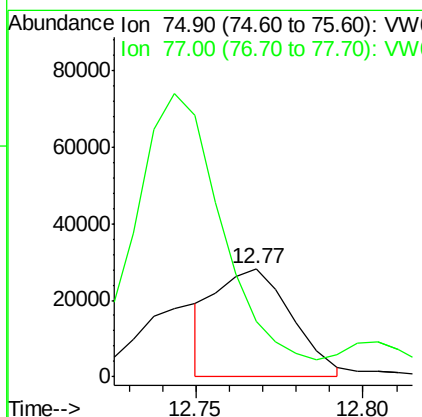
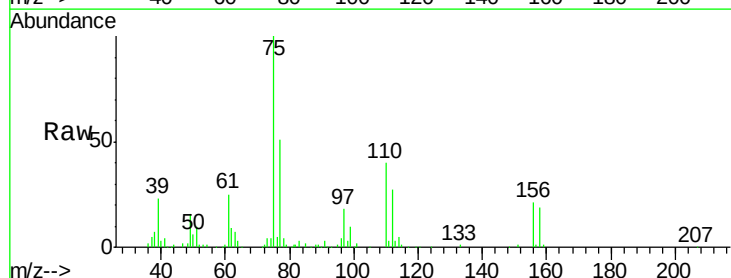
RT: 12.77 min Scan# 1782

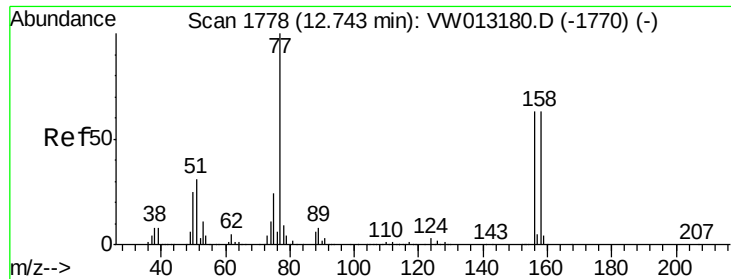
Delta R.T. 0.00 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Tgt Ion:	75	Resp:	44924
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.515 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Instrument :

MSVOA_W

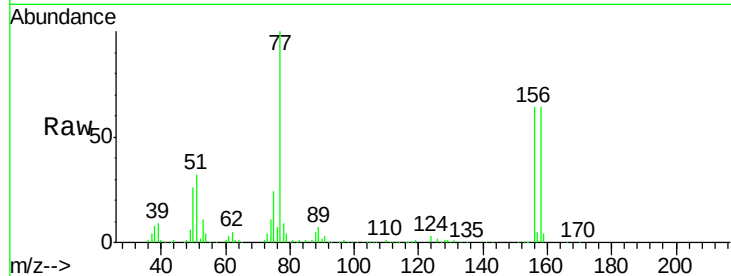
ClientSampleID :

VW0923SBS02

Tot Ion:	156	Resp:	78137
Ion Ratio	Lower	Upper	
156	100		
77	176.3	85.7	257.1
158	98.7	48.1	144.4

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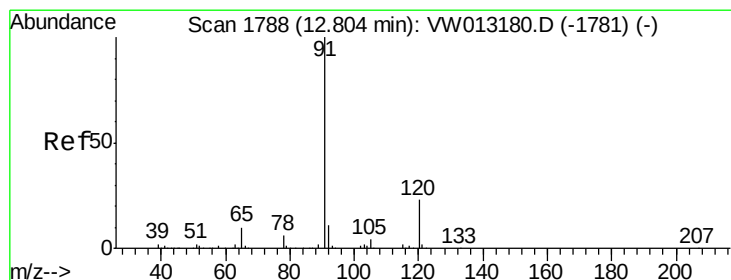
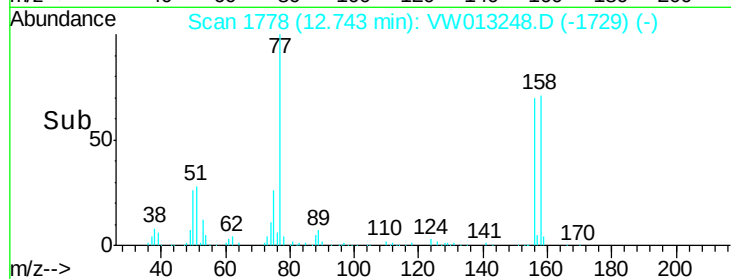
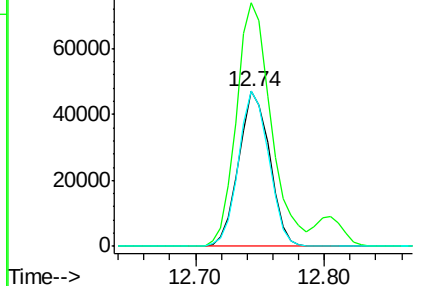
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.075 ug/l

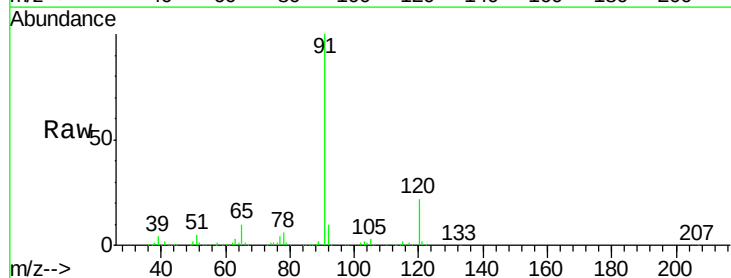
RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW013248.D

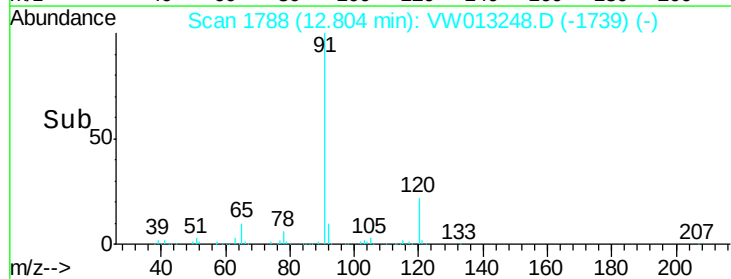
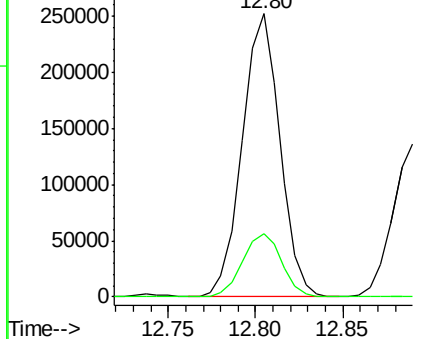
Acq: 24 Sep 2019 00:44

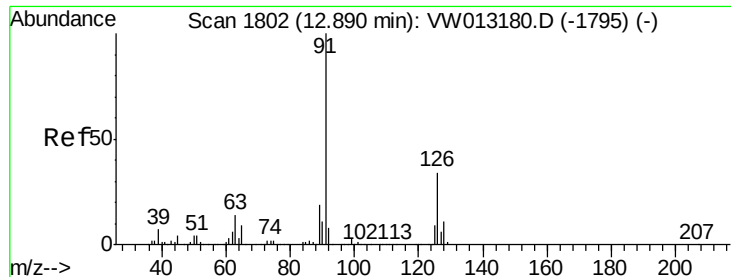
Tgt Ion:	91	Resp:	377681
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





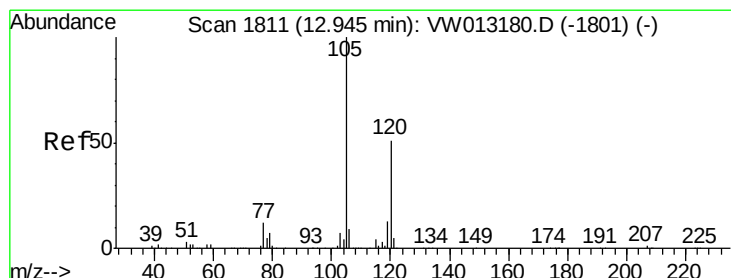
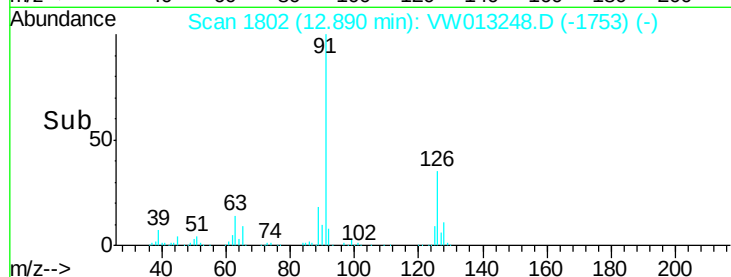
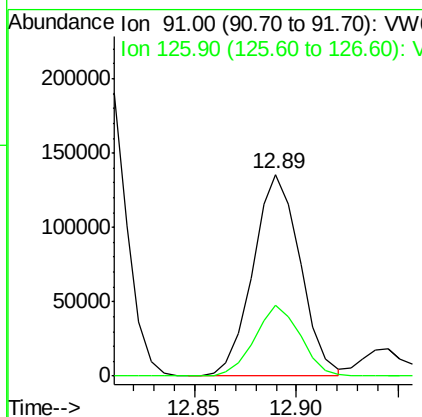
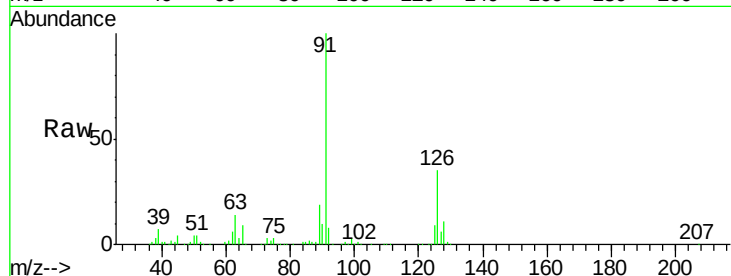
#79
 2-Chlorotoluene
 Concen: 20.698 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBSD02

Tot Ion: 91 Resp: 218157
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.2 51.5

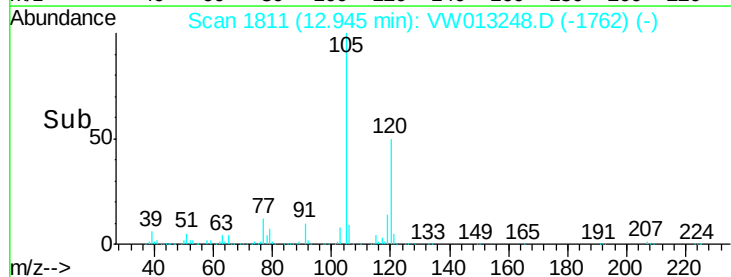
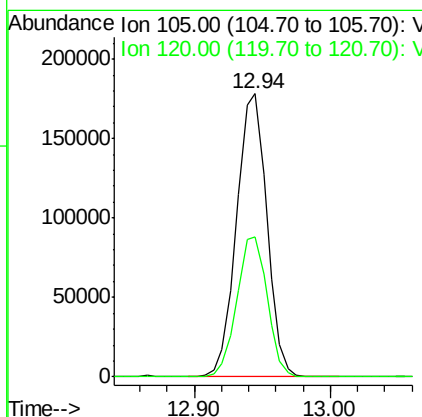
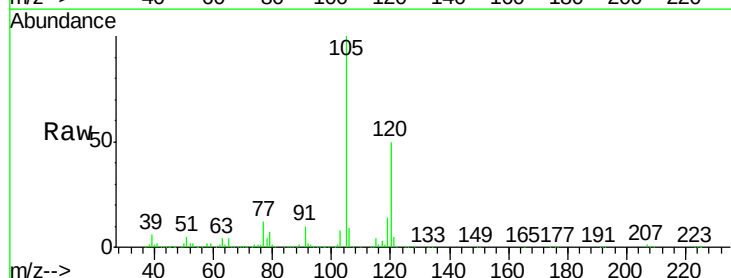
Manual Integrations
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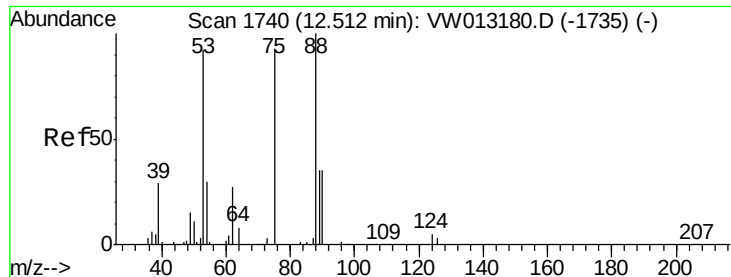
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.459 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Tgt Ion: 105 Resp: 276420
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.9 74.8





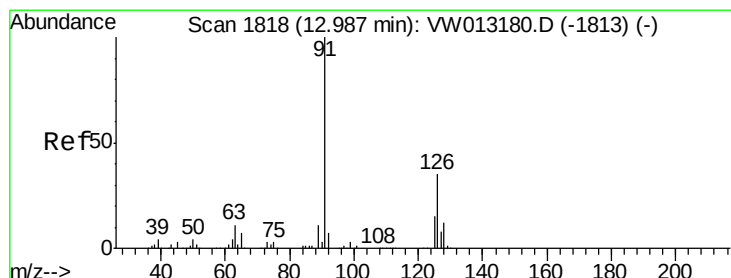
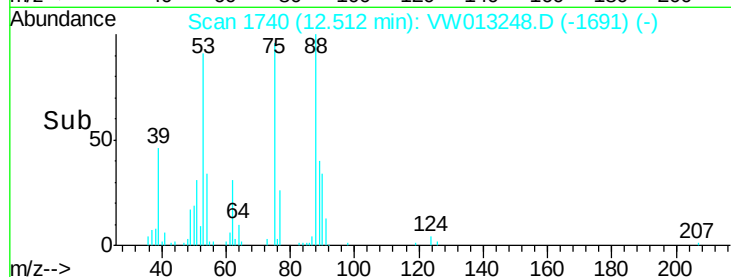
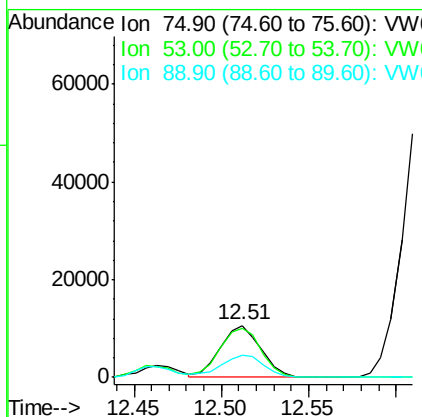
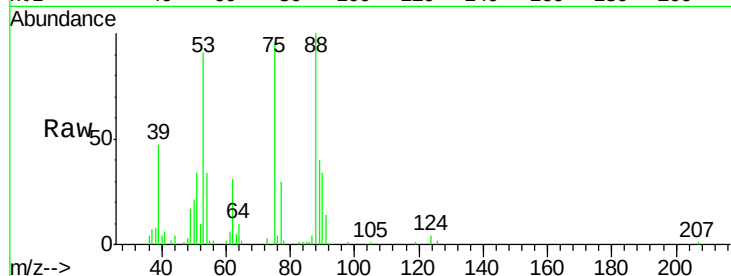
#81
trans-1,4-Dichloro-2-butene
Concen: 20.054 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.2	76.6	114.8
89	44.3	33.5	50.3

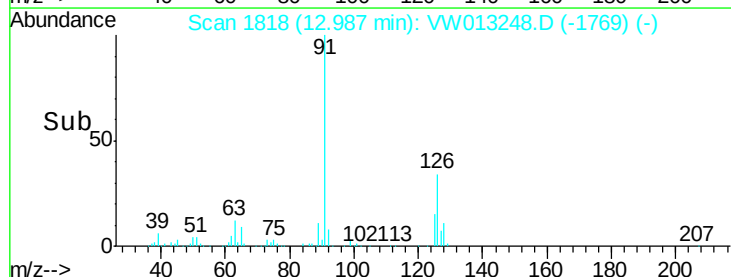
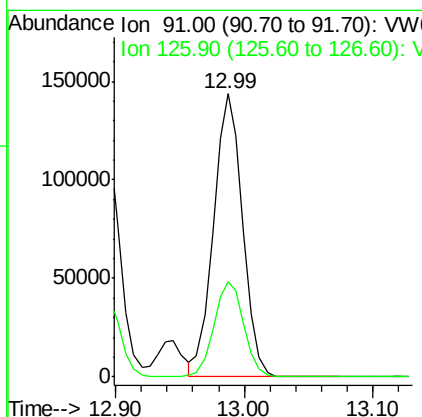
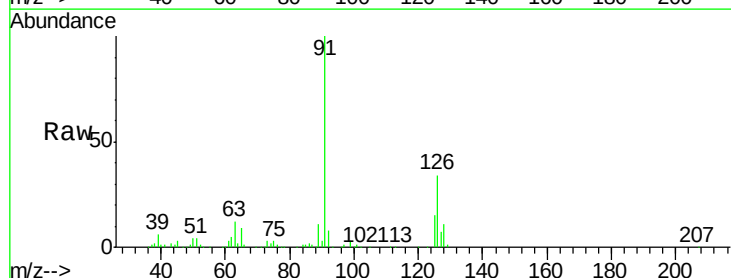
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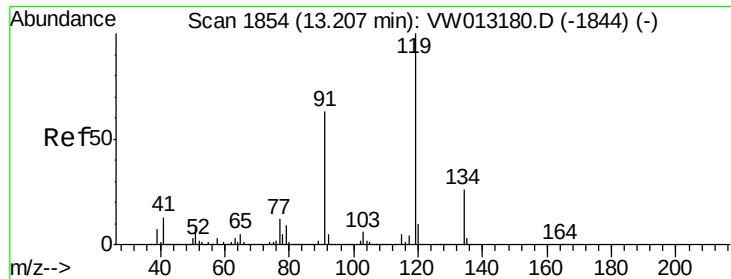
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#82
4-Chlorotoluene
Concen: 20.420 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.3	51.7





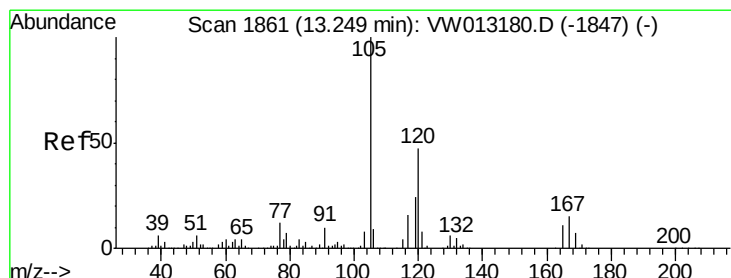
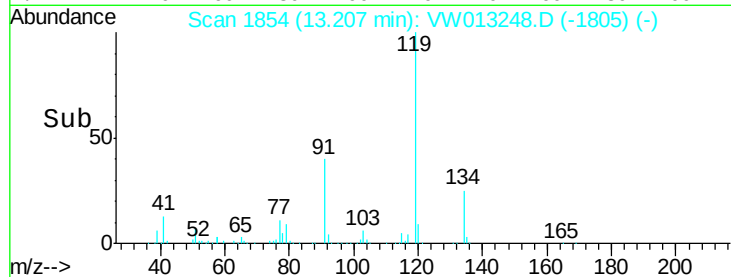
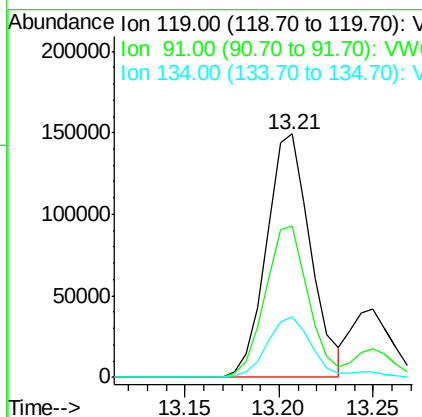
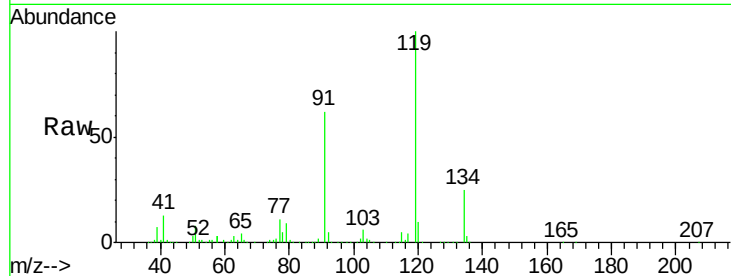
#83
 tert-Butylbenzene
 Concen: 20.374 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	241611		
91	61.0		30.7	92.1
134	24.7		12.6	37.6

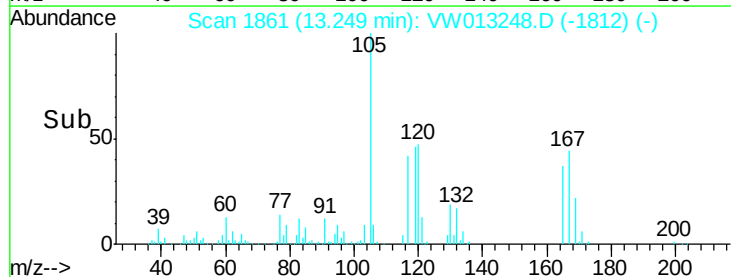
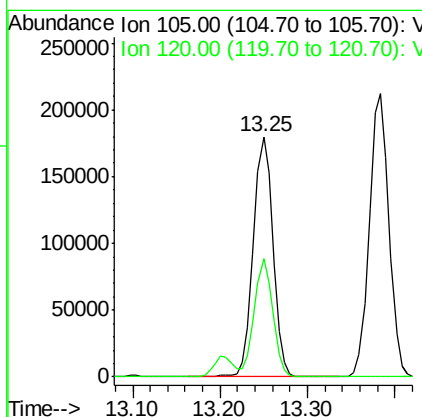
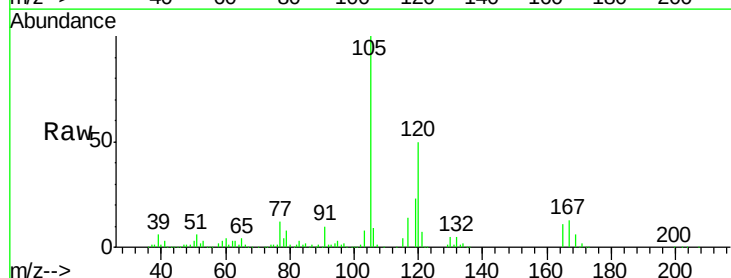
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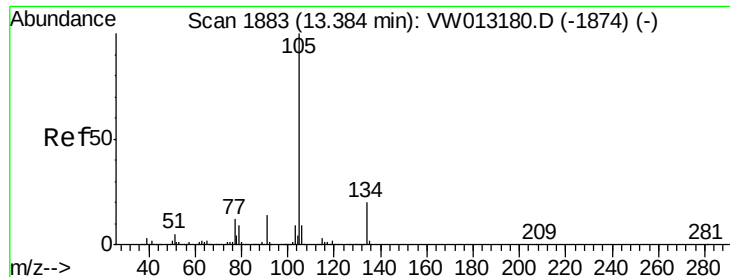
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.875 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	280648		
120	45.7		23.4	70.3





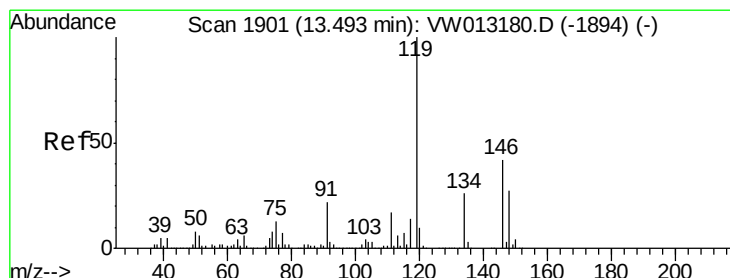
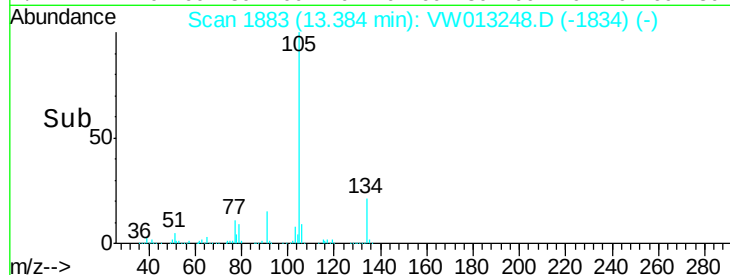
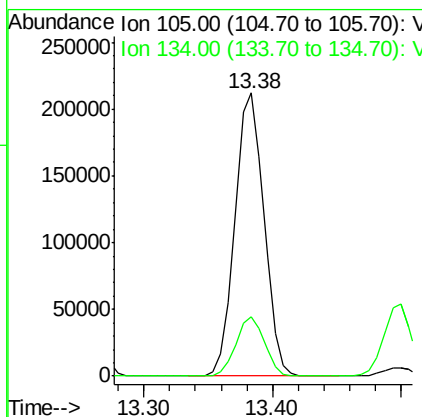
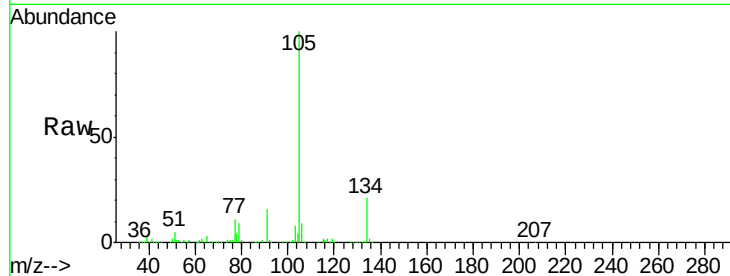
#85
 sec-Butylbenzene
 Concen: 20.307 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.3	30.8

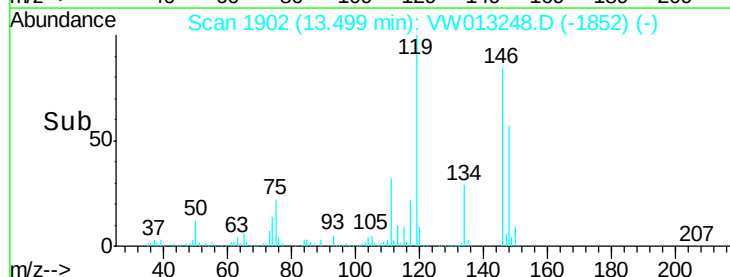
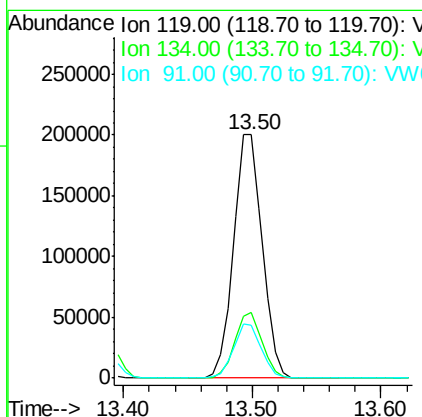
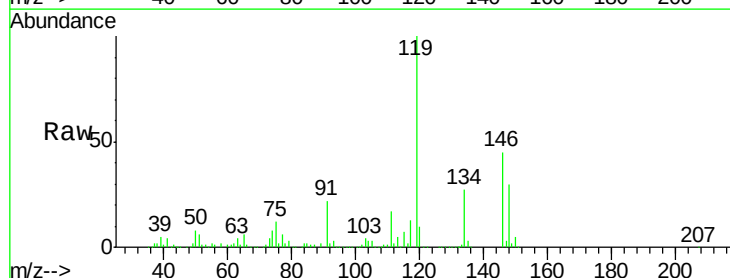
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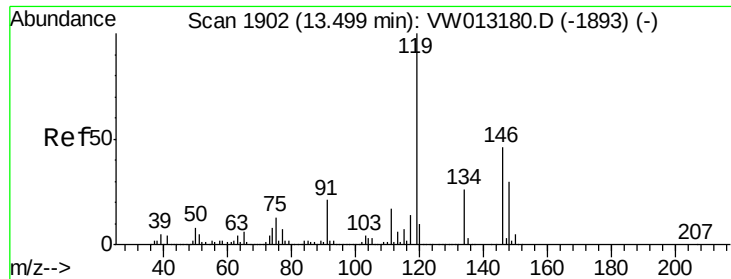
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#86
 p-Isopropyltoluene
 Concen: 20.445 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.3	39.8
91	21.5	10.8	32.4





#87

1,3-Dichlorobenzene

Concen: 20.619 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

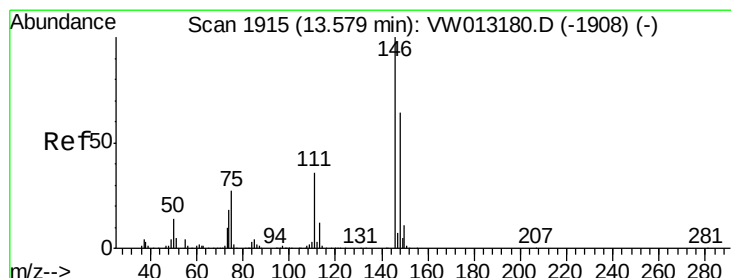
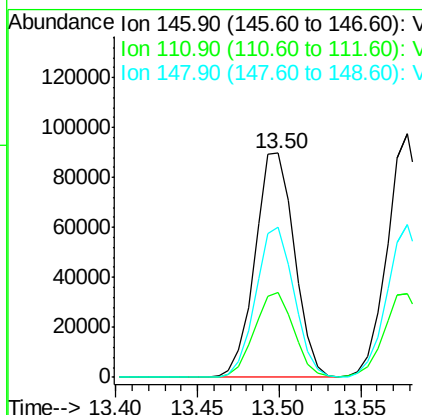
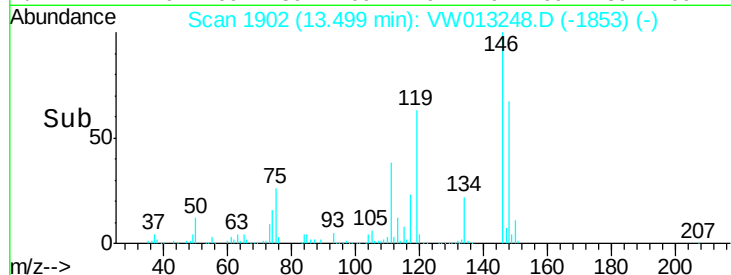
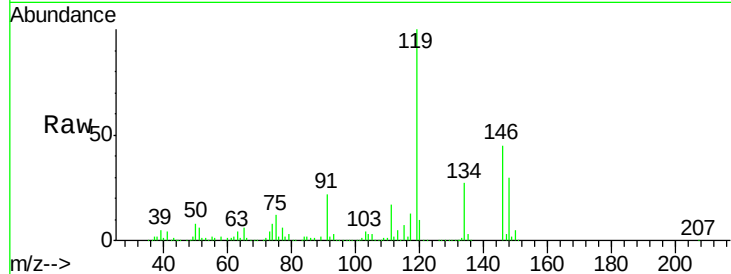
Instrument :
MSVOA_W

ClientSampleId :
VW0923SBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.9
148	65.1	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 21.099 ug/l

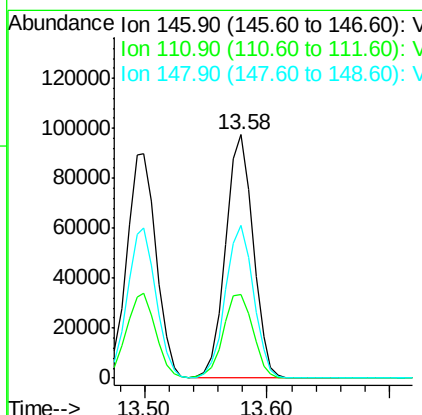
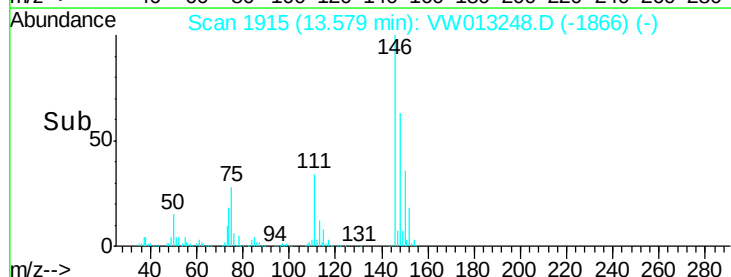
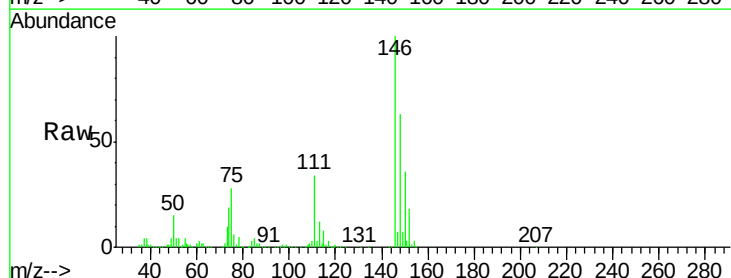
RT: 13.58 min Scan# 1915

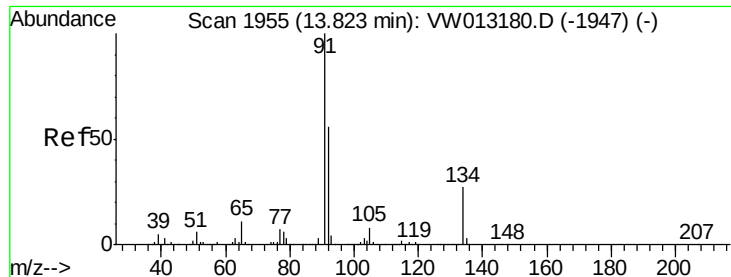
Delta R.T. 0.00 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.4	55.0
148	63.9	32.1	96.3





#89

n-Butylbenzene

Concen: 20.088 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Instrument :

MSVOA_W

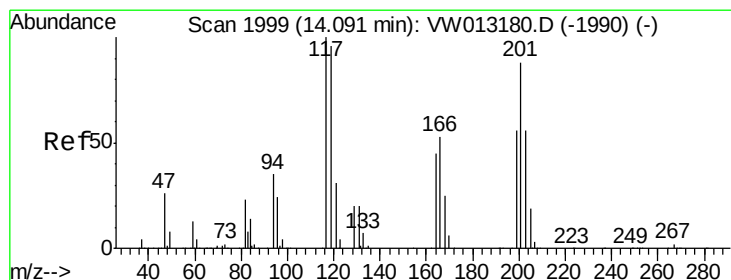
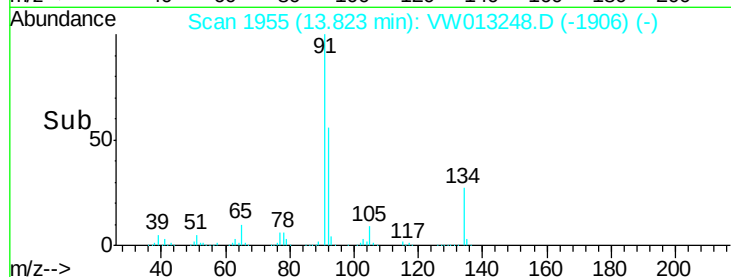
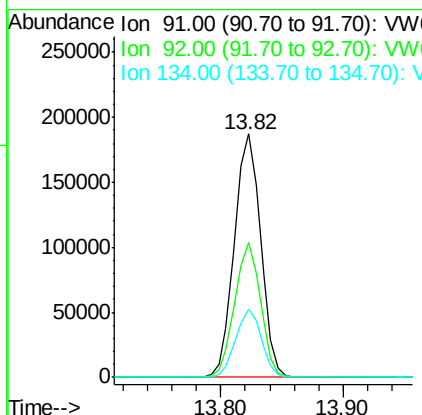
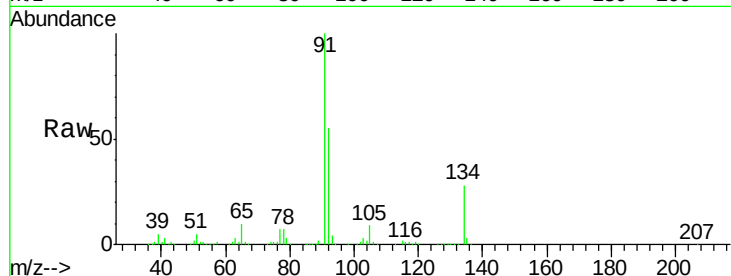
ClientSampleId :

VW0923SBSD02

Tot Ion:	91	Resp:	278146
Ion Ratio	Lower	Upper	
91	100		
92	54.2	27.6	82.8
134	27.4	13.7	41.1

Manual Integrations
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#90

Hexachloroethane

Concen: 20.523 ug/l

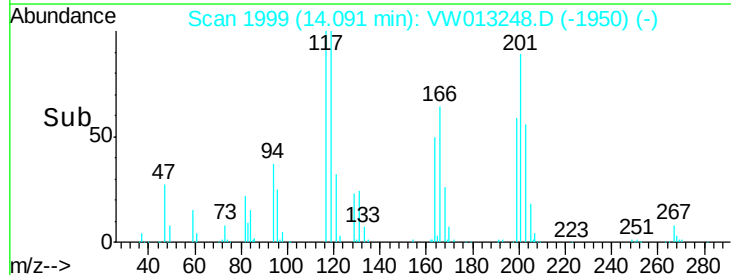
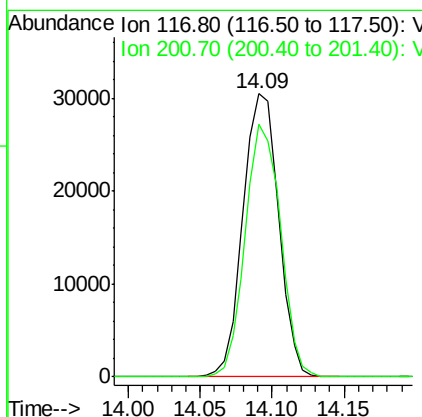
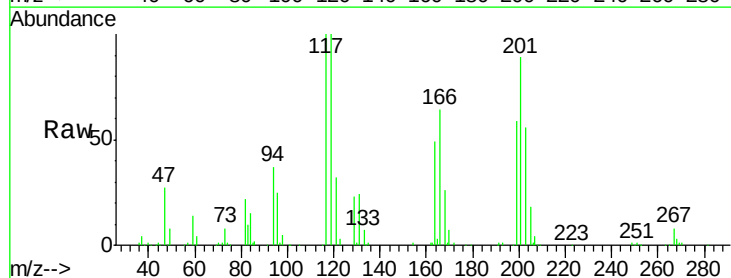
RT: 14.09 min Scan# 1999

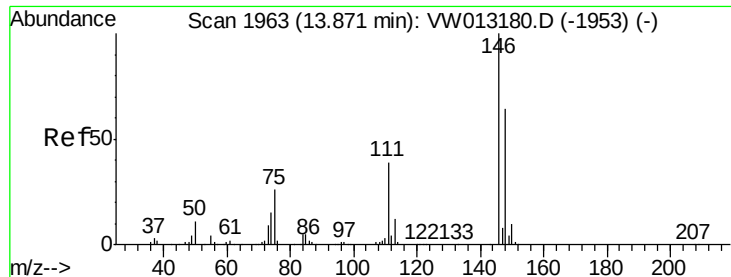
Delta R.T. 0.00 min

Lab File: VW013248.D

Acq: 24 Sep 2019 00:44

Tgt Ion:	117	Resp:	52282
Ion Ratio	Lower	Upper	
117	100		
201	88.4	44.5	133.5





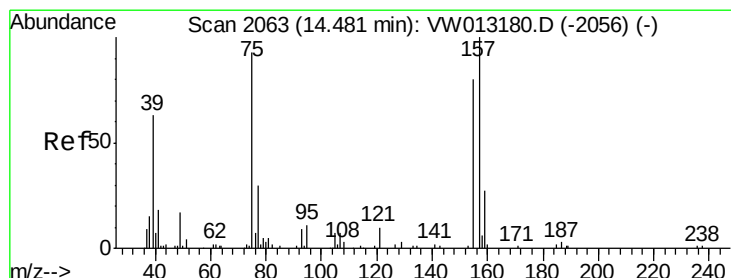
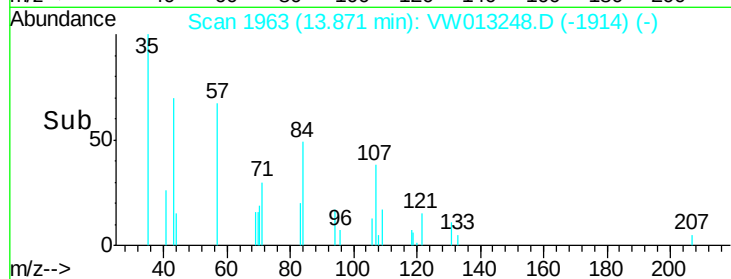
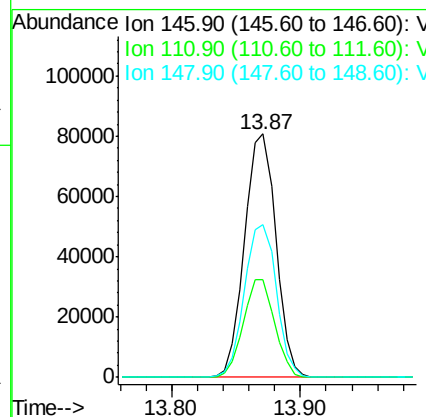
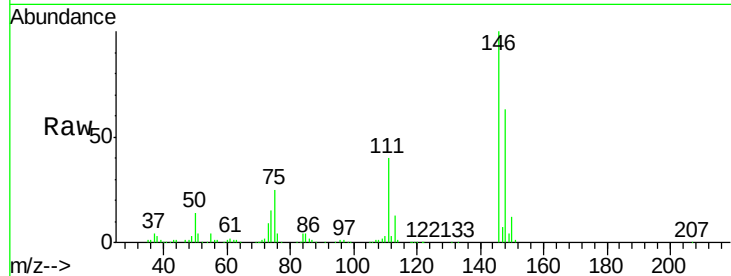
#91
 1,2-Dichlorobenzene
 Concen: 21.444 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.3
148	64.0	32.0	96.0

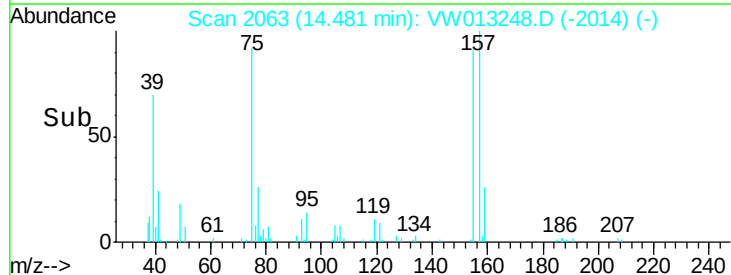
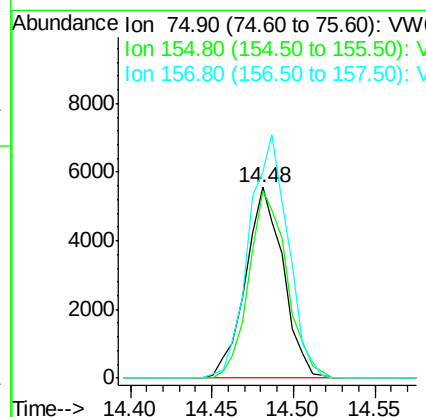
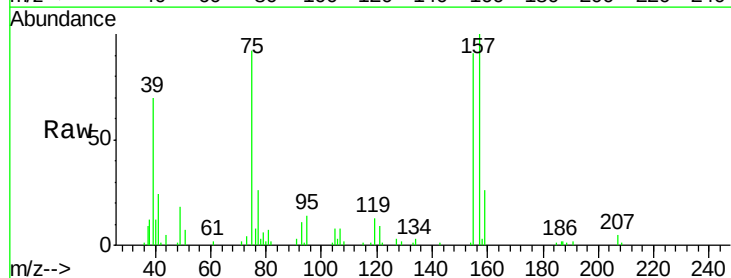
Manual Integrations
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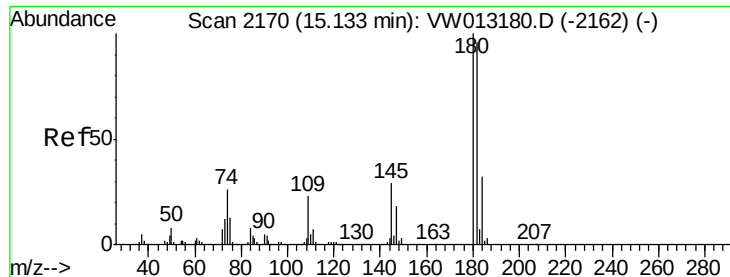
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.666 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.0	46.1	138.3
157	131.7	60.4	181.2





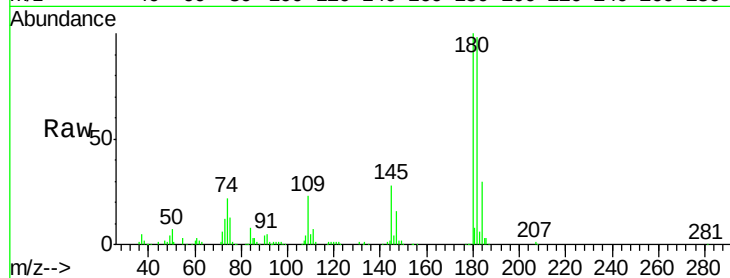
#93
 1,2,4-Trichlorobenzene
 Concen: 21.101 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS02

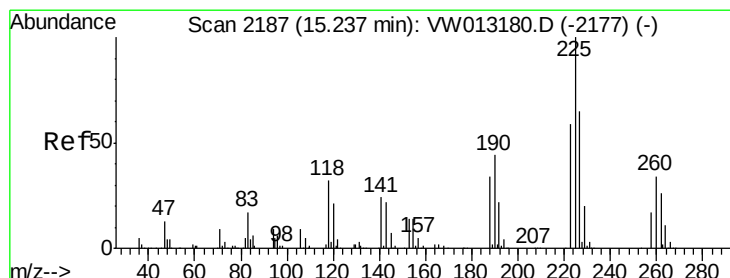
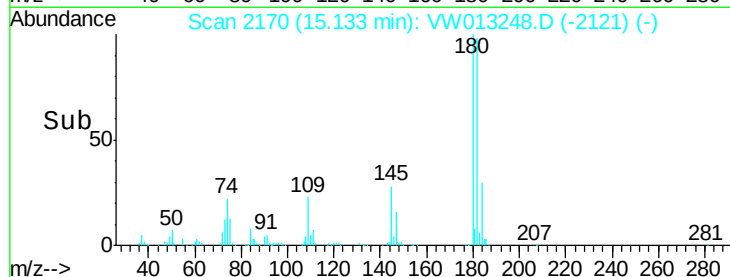
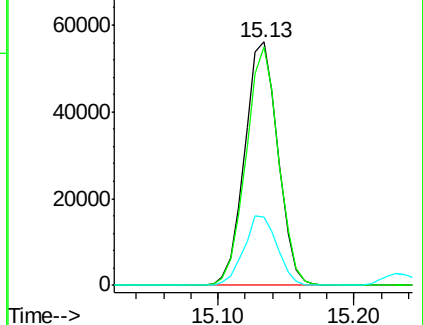
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.8	47.3	142.0	
145	28.8	14.2	42.8	

Manual Integrations
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 9/25/2019 12:35:46 AM

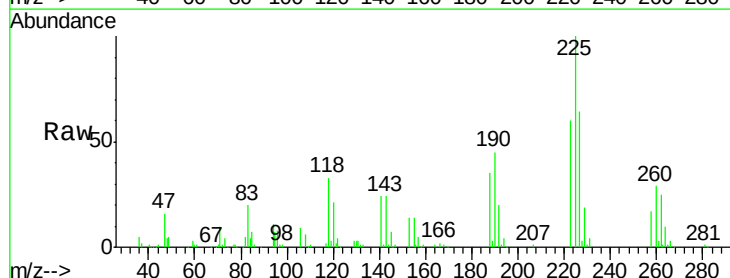


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

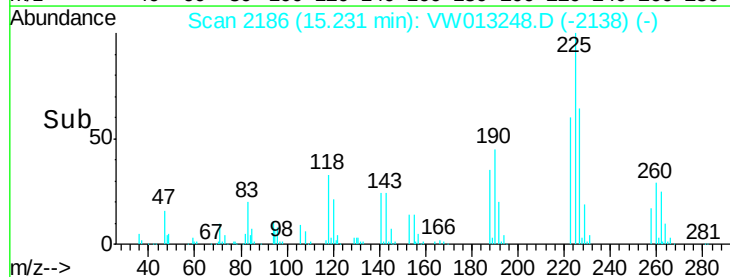
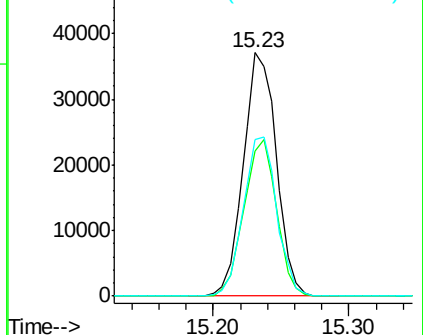


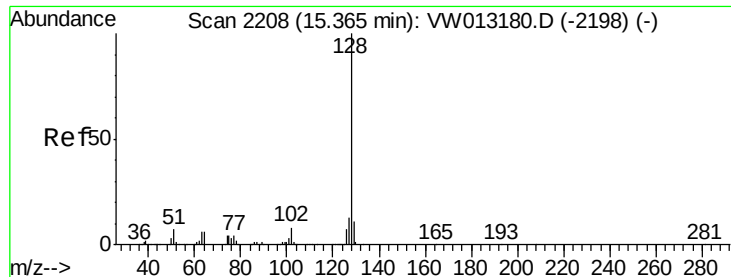
#94
 Hexachlorobutadiene
 Concen: 20.329 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW013248.D
 Acq: 24 Sep 2019 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	30.6	91.8	
227	66.0	31.9	95.9	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





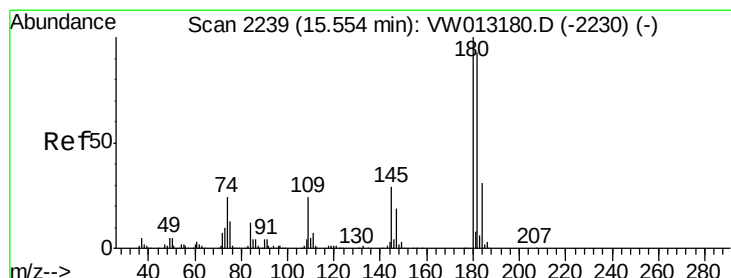
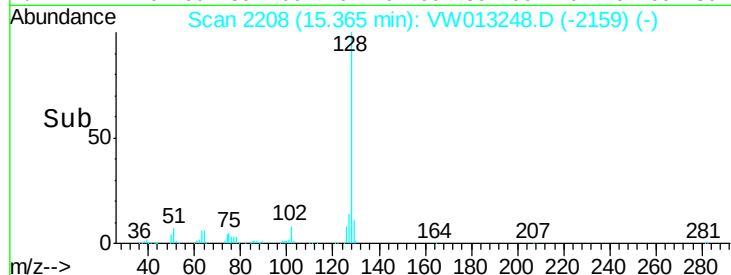
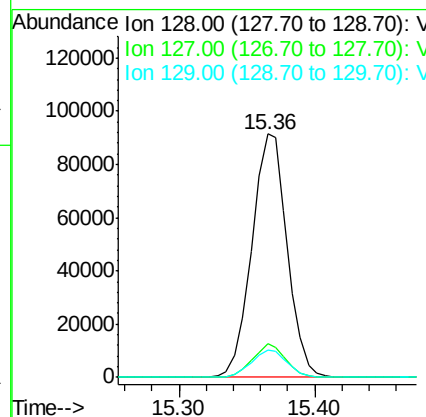
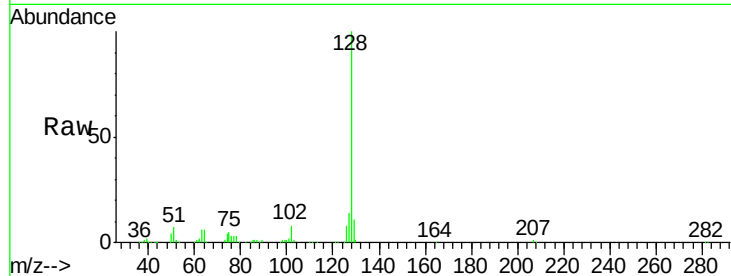
#95
Naphthalene
Concen: 22.375 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	166296		
127	12.9	10.6	15.8	
129	11.3	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.706 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW013248.D
Acq: 24 Sep 2019 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	85230		
182	96.2	47.9	143.7	
145	30.0	15.0	45.0	

