

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
 Data File : VW012953.D
 Acq On : 13 Sep 2019 14:32
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 9/16/2019 12:44:08 AM

Quant Time: Sep 13 17:07:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 16:59:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	385632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	170170	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	26031	10.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.18%	
35) Dibromofluoromethane	7.88	113	21604	10.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.64%	
50) Toluene-d8	10.32	98	81511	9.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.90%	
62) 4-Bromofluorobenzene	12.62	95	29858	10.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	12846	11.294	ug/l	99
3) Chloromethane	2.21	50	18992	13.056	ug/l	99
4) Vinyl Chloride	2.35	62	23555	12.369	ug/l #	87
5) Bromomethane	2.77	94	13949	11.995	ug/l	99
6) Chloroethane	2.92	64	13375	11.452	ug/l	93
7) Trichlorofluoromethane	3.24	101	14530	10.911	ug/l	100
8) Diethyl Ether	3.68	74	12513	12.034	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	23092	11.433	ug/l	99
10) Methyl Iodide	4.27	142	28824	11.403	ug/l	99
11) Tert butyl alcohol	5.18	59	11477	59.594	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	20815	11.335	ug/l	95
13) Acrolein	3.89	56	10754	59.665	ug/l	100
14) Allyl chloride	4.66	41	38873	11.150	ug/l	98
15) Acrylonitrile	5.37	53	30761	57.922	ug/l	100
16) Acetone	4.12	43	34161	58.524	ug/l	99
17) Carbon Disulfide	4.38	76	45823	12.521	ug/l	95
18) Methyl Acetate	4.67	43	14950	10.679	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	41903	11.559	ug/l	99
20) Methylene Chloride	4.92	84	28240	12.227	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	22506	11.442	ug/l	98
22) Diisopropyl ether	6.31	45	80762	11.151	ug/l #	88
23) Vinyl Acetate	6.25	43	244581	56.382	ug/l	97
24) 1,1-Dichloroethane	6.21	63	47404	11.352	ug/l	98
25) 2-Butanone	7.17	43	45894	58.739	ug/l	96
26) 2,2-Dichloropropane	7.16	77	35227	11.897	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	26698	11.338	ug/l	96
28) Bromochloromethane	7.51	49	17967	10.222	ug/l #	98
29) Tetrahydrofuran	7.52	42	25793	57.938	ug/l	99
30) Chloroform	7.68	83	47887	11.286	ug/l	98
31) Cyclohexane	7.95	56	42411	11.920	ug/l #	86
32) 1,1,1-Trichloroethane	7.87	97	39311	11.250	ug/l	96
36) 1,1-Dichloropropene	8.07	75	35167	11.412	ug/l	100
37) Ethyl Acetate	7.25	43	19005	11.619	ug/l	99
38) Carbon Tetrachloride	8.07	117	34576	10.949	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	39161	11.597	ug/l	92
40) Benzene	8.32	78	98074	11.401	ug/l	99
41) Methacrylonitrile	7.48	41	12611	11.708	ug/l #	91
42) 1,2-Dichloroethane	8.40	62	32969	11.433	ug/l	98
43) Isopropyl Acetate	8.42	43	35899	11.431	ug/l	99
44) Trichloroethene	9.09	130	27312	11.591	ug/l	93
45) 1,2-Dichloropropane	9.37	63	25672	11.232	ug/l	99
46) Dibromomethane	9.46	93	12467	11.385	ug/l	99
47) Bromodichloromethane	9.64	83	33882	11.031	ug/l	97
48) Methyl methacrylate	9.43	41	16576	11.246	ug/l	96
49) 1,4-Dioxane	9.45	88	3895	212.280	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	93831	57.872	ug/l	98
52) Toluene	10.38	92	61185	11.193	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	32965	10.671	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	38515	10.897	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	18562	11.127	ug/l	98
56) Ethyl methacrylate	10.65	69	24598	10.955	ug/l	97
57) 1,3-Dichloropropane	10.93	76	32734	11.062	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	59812	49.658	ug/l	100
59) 2-Hexanone	10.97	43	65303	57.843	ug/l	97
60) Dibromochloromethane	11.13	129	21547	10.684	ug/l	93
61) 1,2-Dibromoethane	11.24	107	17030	11.191	ug/l	97
64) Tetrachloroethene	10.86	164	22725	11.534	ug/l	94
65) Chlorobenzene	11.66	112	65069	11.030	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	24567	10.867	ug/l	98
67) Ethyl Benzene	11.73	91	119586	10.976	ug/l	100
68) m/p-Xylenes	11.83	106	88597	22.259	ug/l	98
69) o-Xylene	12.16	106	40493	10.852	ug/l	97
70) Styrene	12.18	104	72808	10.968	ug/l	98
71) Bromoform	12.34	173	12815	10.792	ug/l #	99
73) Isopropylbenzene	12.46	105	121318	10.756	ug/l	99
74) N-amyl acetate	12.27	43	30804	10.617	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	21967	11.088	ug/l	97
76) 1,2,3-Trichloropropane	12.76	75	15996m	11.141	ug/l	
77) Bromobenzene	12.75	156	27844	10.716	ug/l	98
78) n-propylbenzene	12.80	91	143034	10.780	ug/l	100
79) 2-Chlorotoluene	12.89	91	81954	10.745	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	103287	10.824	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	6724	10.233	ug/l	97
82) 4-Chlorotoluene	12.99	91	86874	10.795	ug/l	99
83) tert-Butylbenzene	13.21	119	90634	10.619	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	101308	10.744	ug/l	96
85) sec-Butylbenzene	13.38	105	125719	10.811	ug/l	99
86) p-Isopropyltoluene	13.50	119	113228	10.605	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	55926	10.872	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	54754	10.832	ug/l	95
89) n-Butylbenzene	13.82	91	107250	10.652	ug/l	98
90) Hexachloroethane	14.09	117	19880	10.390	ug/l	98
91) 1,2-Dichlorobenzene	13.86	146	49097	10.854	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4122	11.367	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	33940	10.521	ug/l	97
94) Hexachlorobutadiene	15.24	225	25365	11.107	ug/l	97
95) Naphthalene	15.36	128	54488	10.108	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	29888	10.481	ug/l	98

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

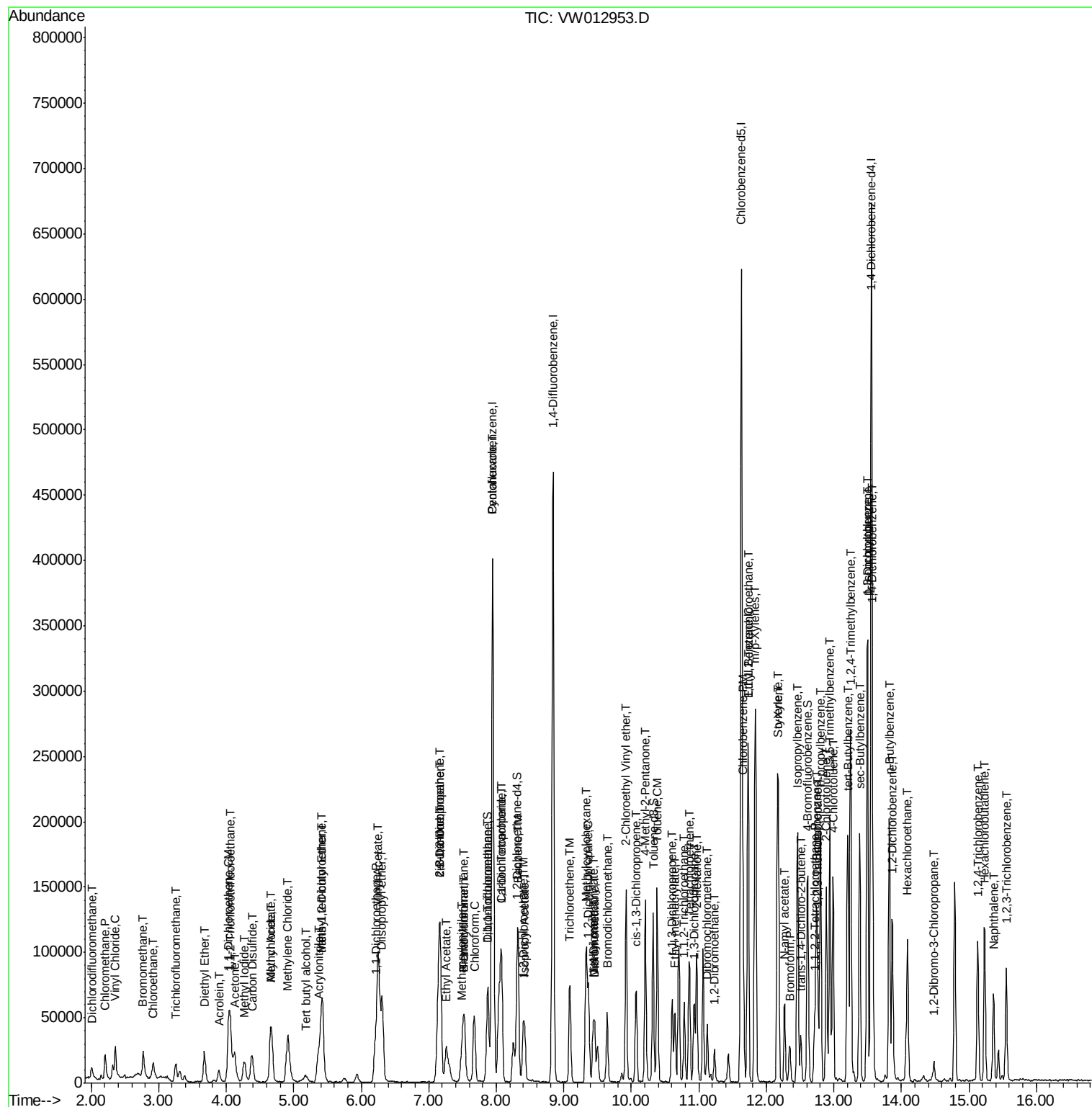
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
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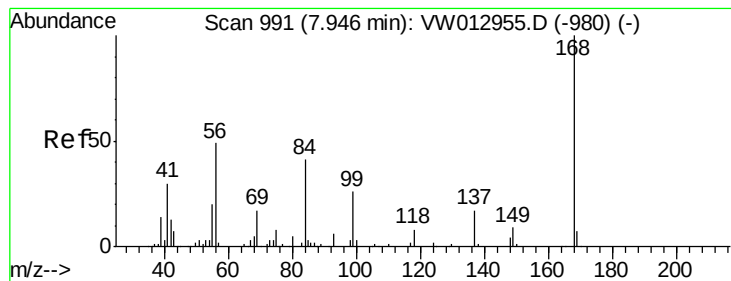
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tgt Ion:168 Resp: 266050

Ion Ratio Lower Upper

168 100

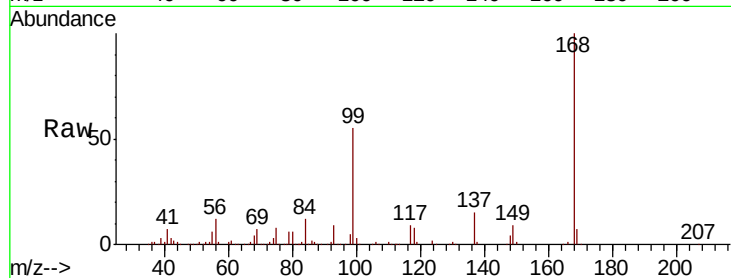
99 55.2 46.2 69.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

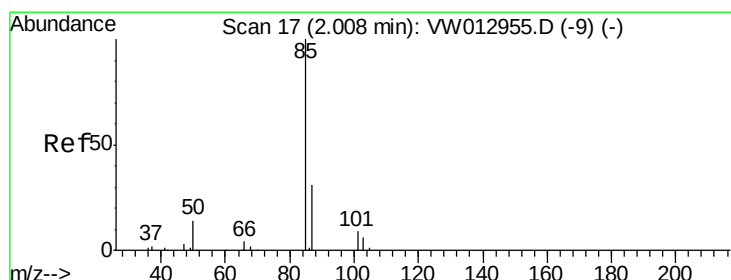
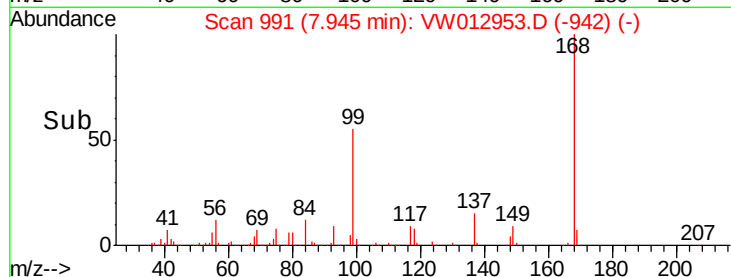
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 11.294 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012953.D

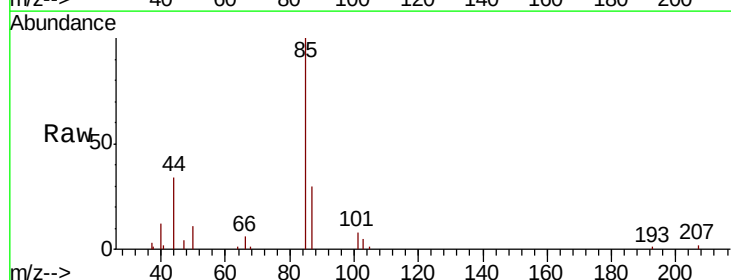
Acq: 13 Sep 2019 14:32

Tgt Ion: 85 Resp: 12846

Ion Ratio Lower Upper

85 100

87 30.4 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

5000

4000

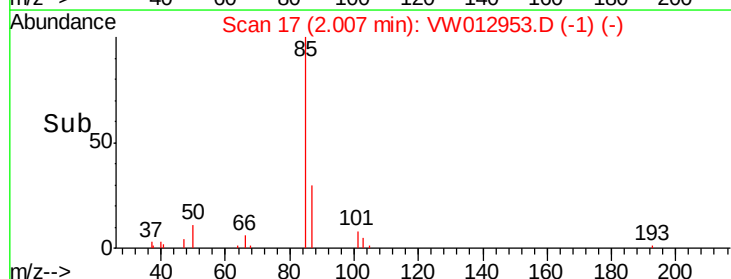
3000

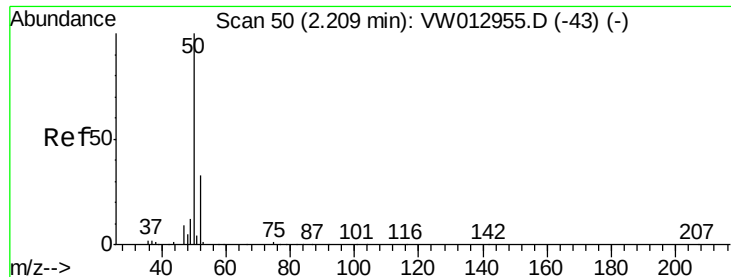
2000

1000

0

Time--> 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 13.056 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 50 Resp: 18992

Ion Ratio Lower Upper

50 100

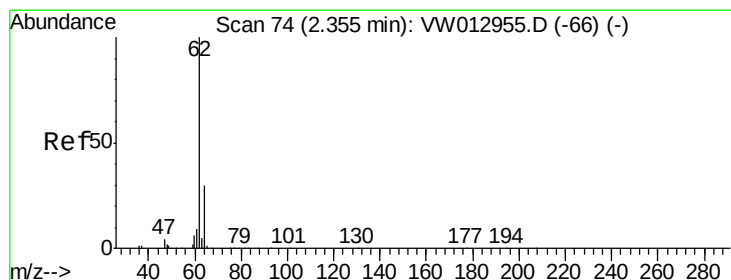
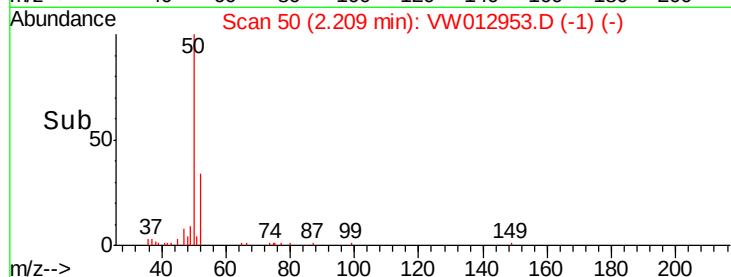
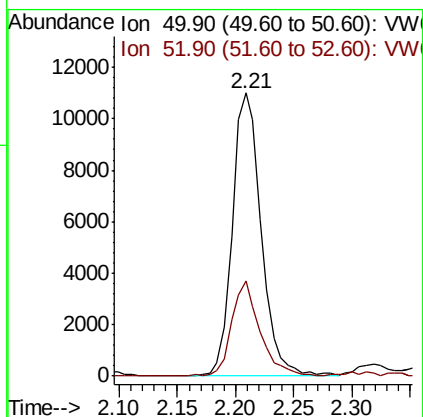
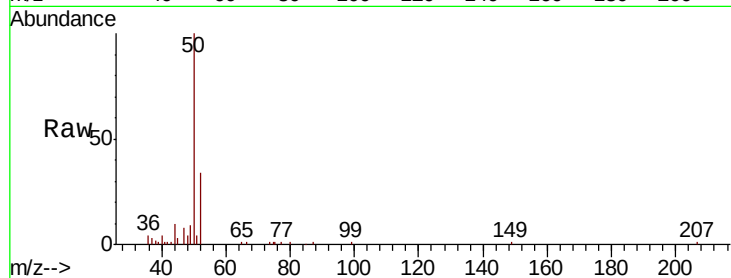
52 33.8 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 12.369 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW012953.D

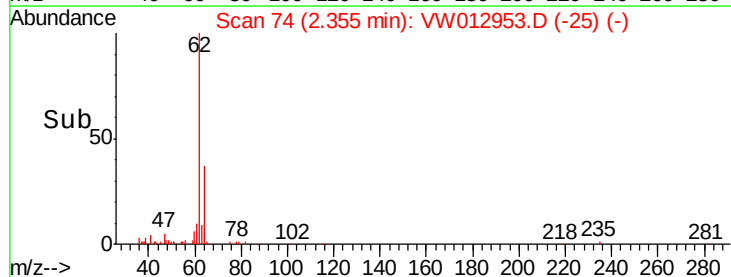
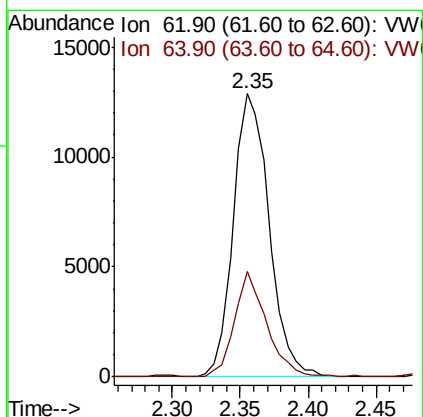
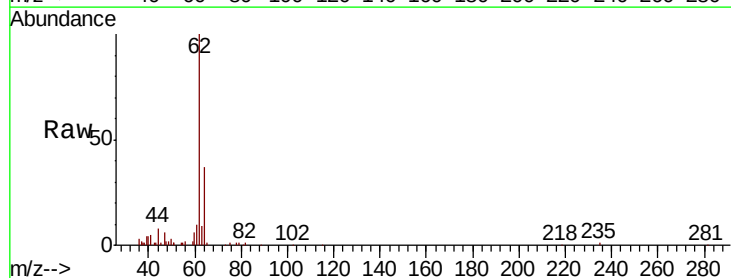
Acq: 13 Sep 2019 14:32

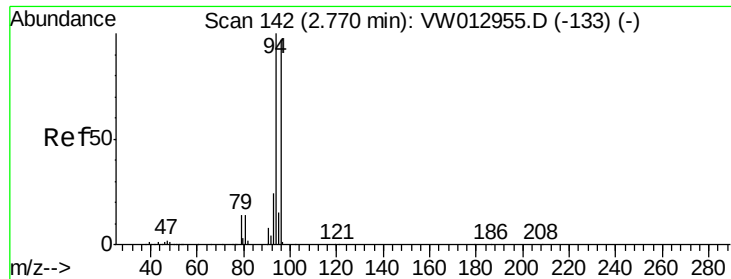
Tgt Ion: 62 Resp: 23555

Ion Ratio Lower Upper

62 100

64 37.3 24.2 36.4#





#5

Bromomethane

Concen: 11.995 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 94 Resp: 13949

Ion Ratio Lower Upper

94 100

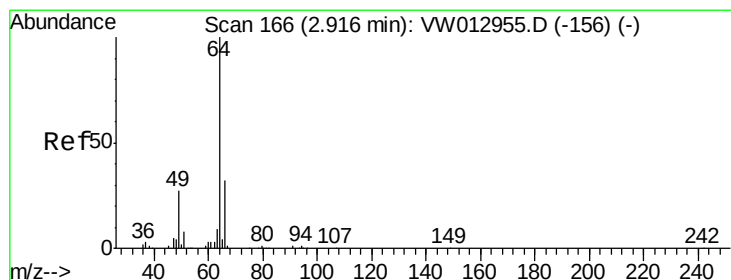
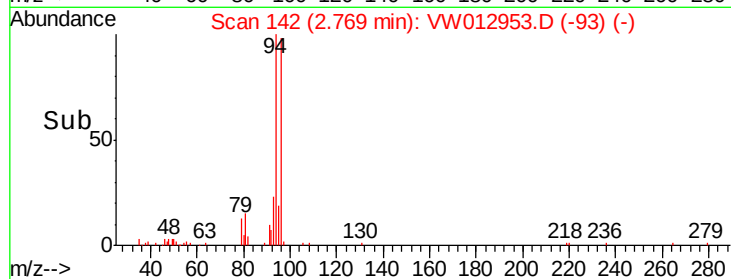
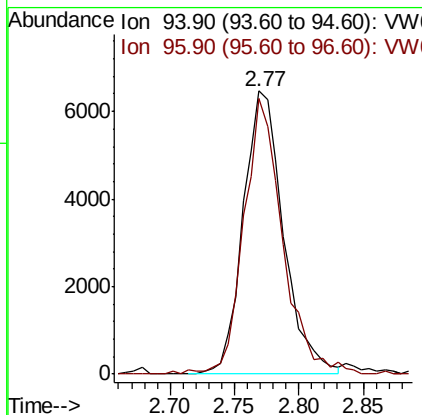
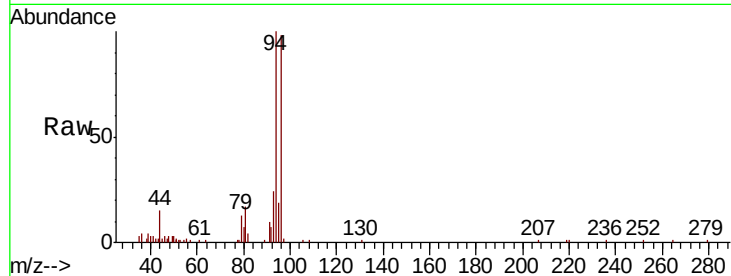
96 96.2 77.8 116.6

Manual Integrations

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#6

Chloroethane

Concen: 11.452 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012953.D

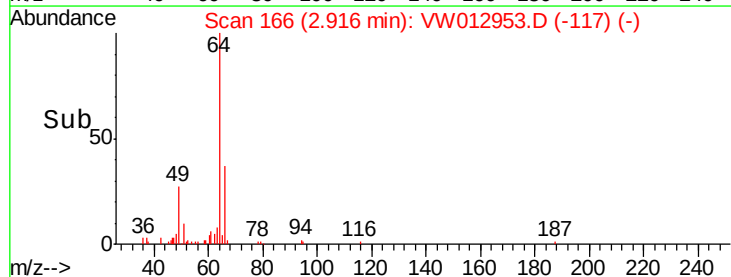
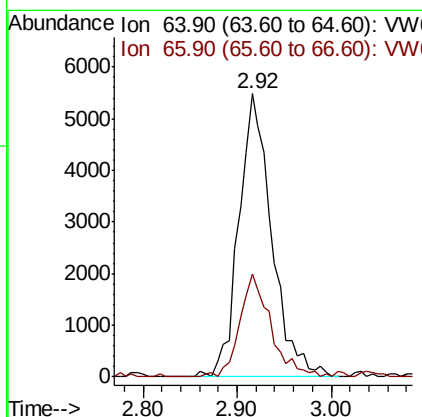
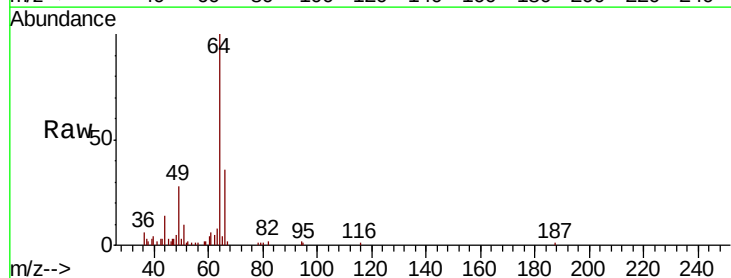
Acq: 13 Sep 2019 14:32

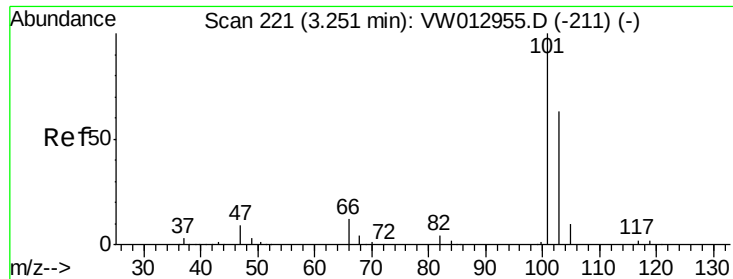
Tgt Ion: 64 Resp: 13375

Ion Ratio Lower Upper

64 100

66 36.4 25.9 38.9





#7

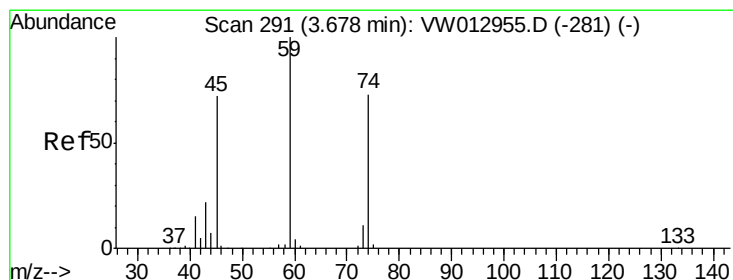
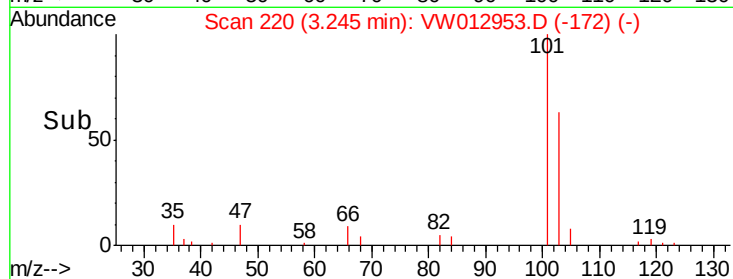
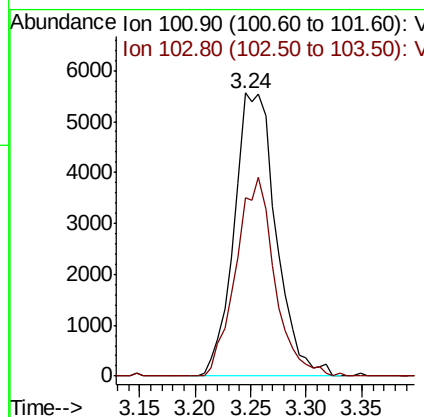
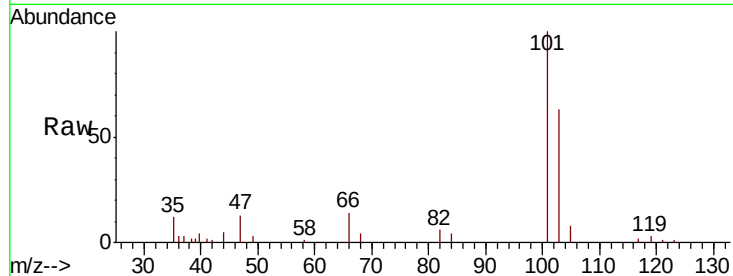
Trichlorofluoromethane
Concen: 10.911 ug/l
RT: 3.24 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 101 Resp: 14530
Ion Ratio Lower Upper
101 100
103 63.0 50.7 76.1

Manual Integrations
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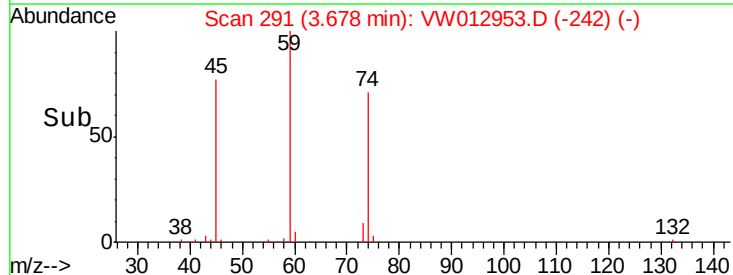
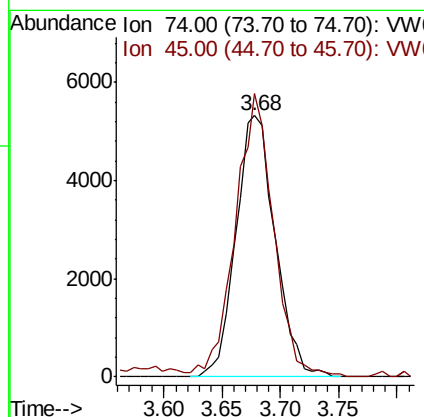
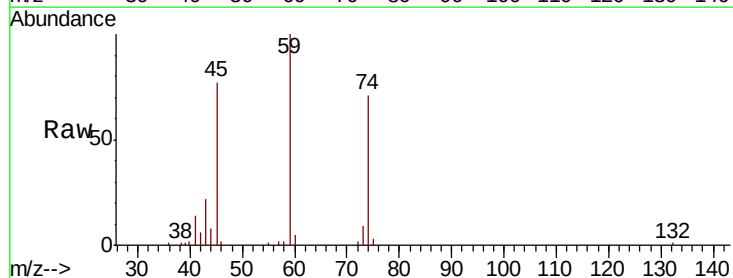
MMDadoda
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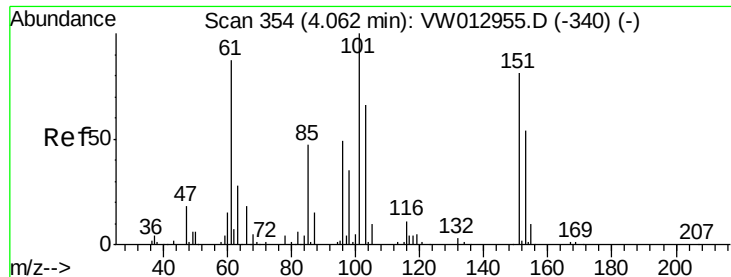


#8

Diethyl Ether
Concen: 12.034 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Tgt Ion: 74 Resp: 12513
Ion Ratio Lower Upper
74 100
45 105.6 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.433 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW012953.D

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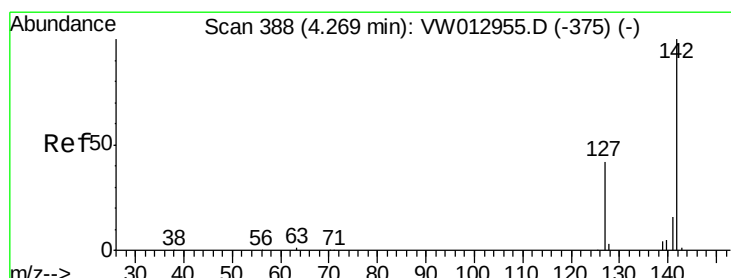
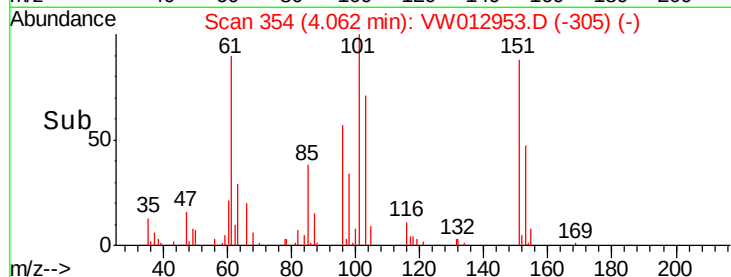
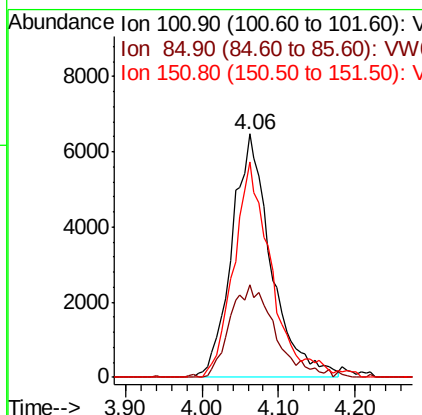
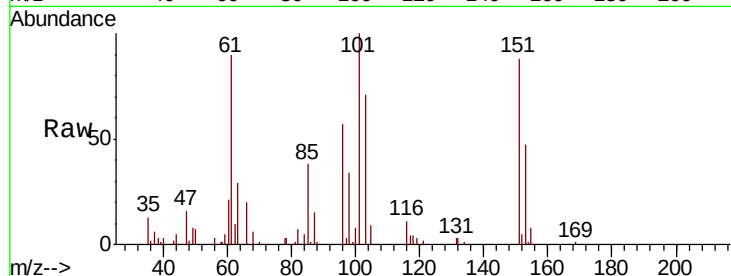
ClientSampleId :

VSTDIC010

Tgt Ion:	101	Resp:	23092
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.9	52.3
151	84.0	66.0	99.0

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#10

Methyl Iodide

Concen: 11.403 ug/l

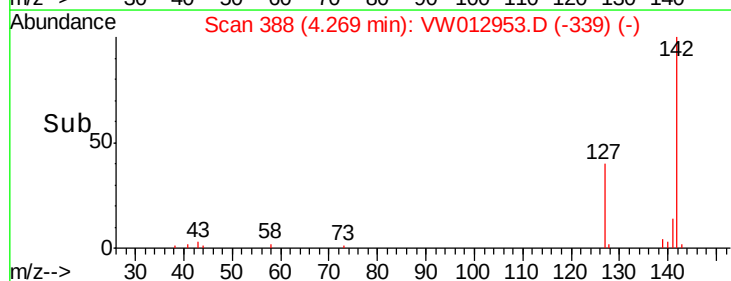
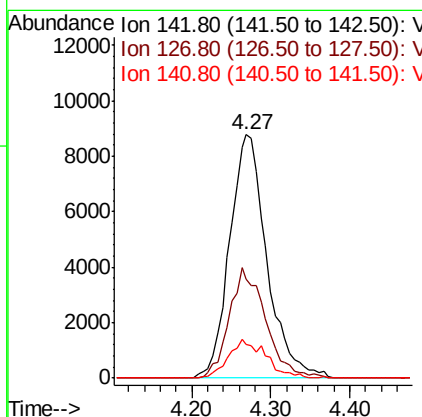
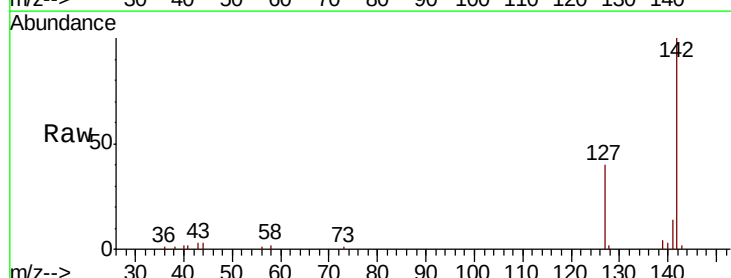
RT: 4.27 min Scan# 388

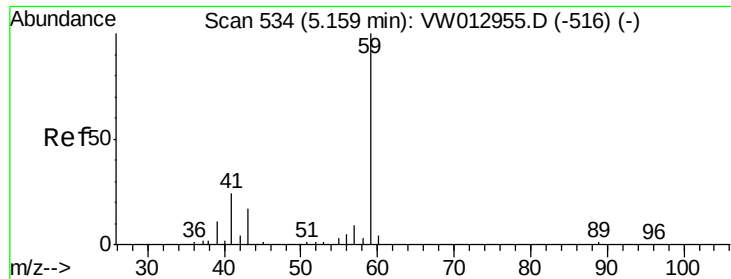
Delta R.T. -0.00 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

Tgt Ion:	142	Resp:	28824
Ion Ratio	Lower	Upper	
142	100		
127	44.2	34.7	52.1
141	16.0	12.2	18.2





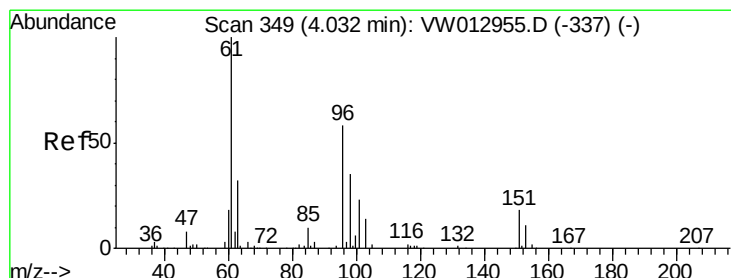
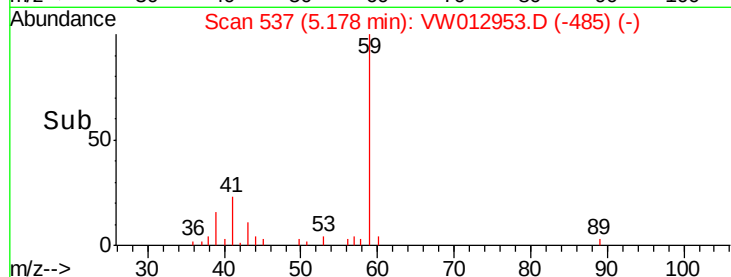
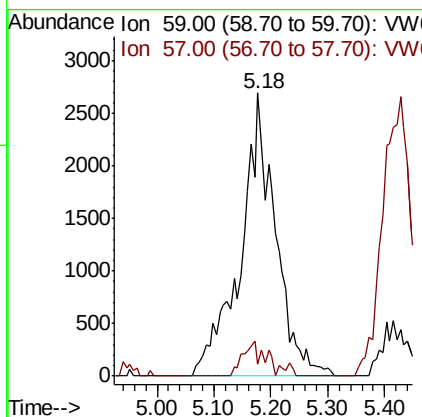
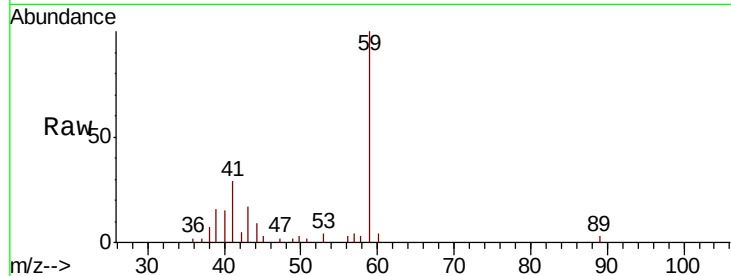
#11
Tert butyl alcohol
Concen: 59.594 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.02 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
59	100		
57	8.1	8.5	12.7#

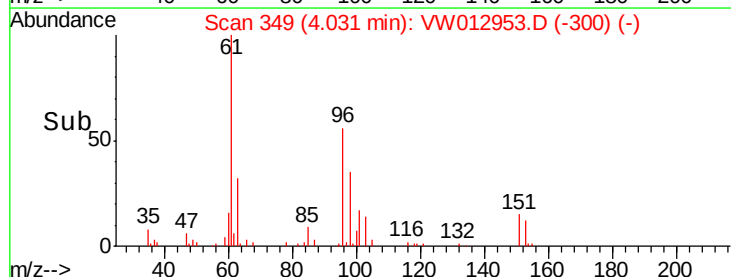
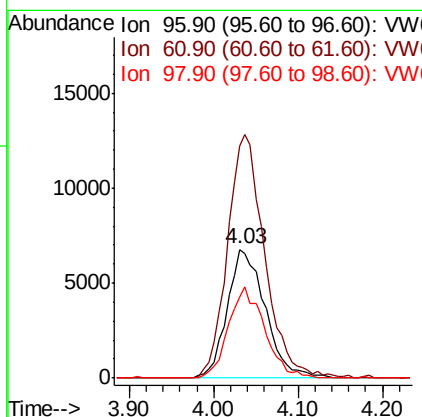
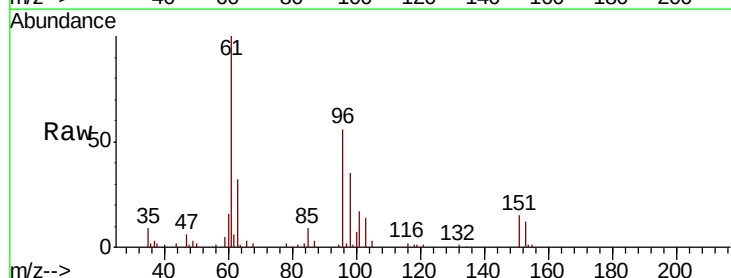
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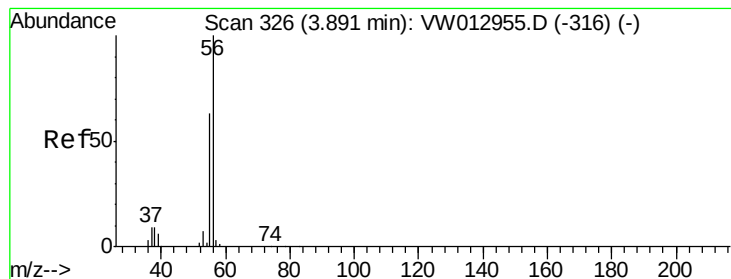
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#12
1,1-Dichloroethene
Concen: 11.335 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	180.1	137.9	206.9
98	63.2	48.9	73.3





#13

Acrolein

Concen: 59.665 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 56 Resp: 10754

Ion Ratio Lower Upper

56 100

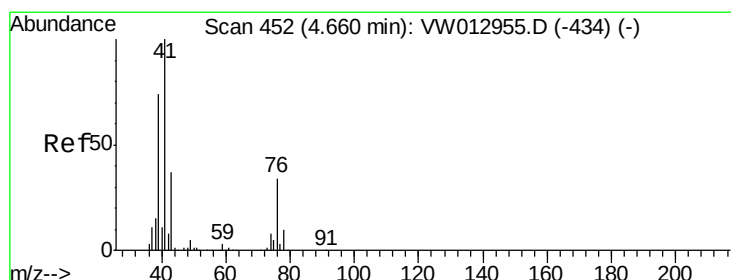
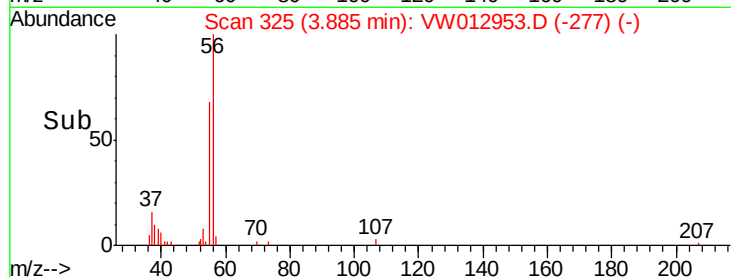
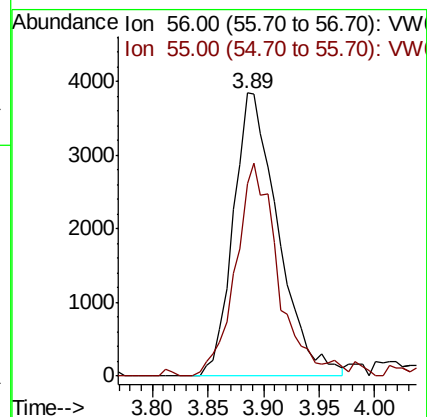
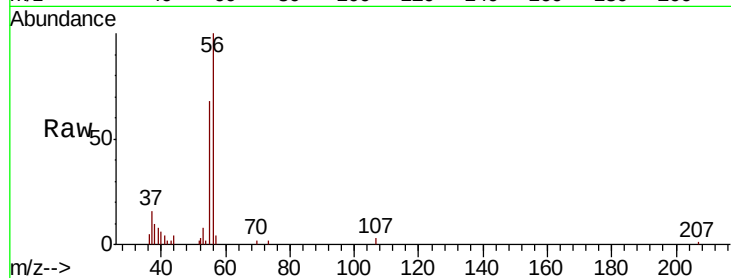
55 69.8 55.8 83.8

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#14

Allyl chloride

Concen: 11.150 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

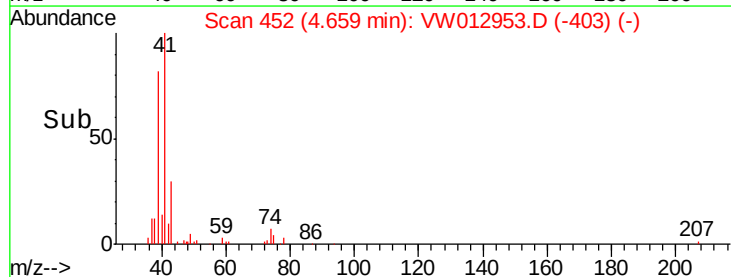
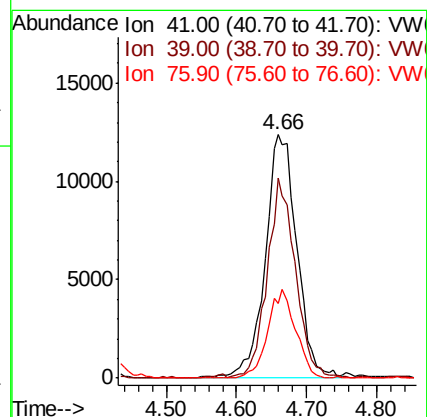
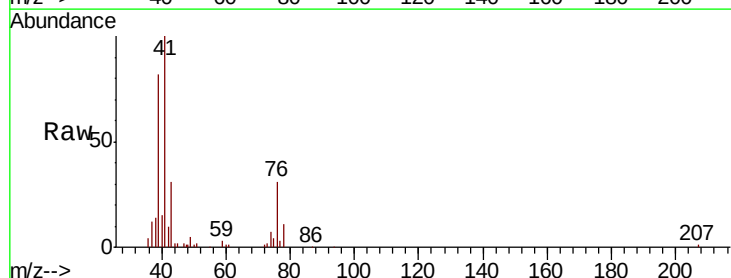
Tgt Ion: 41 Resp: 38873

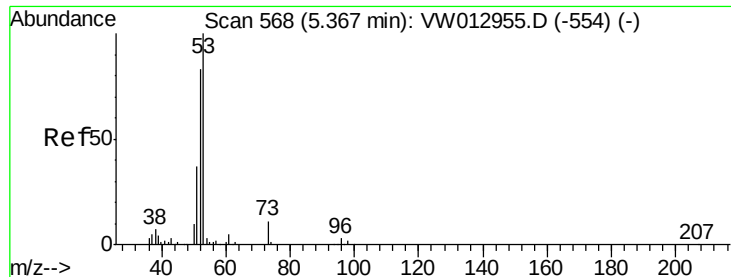
Ion Ratio Lower Upper

41 100

39 73.4 56.7 85.1

76 32.1 25.1 37.7





#15

Acrylonitrile

Concen: 57.922 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

Instrument :

MSVOA_W

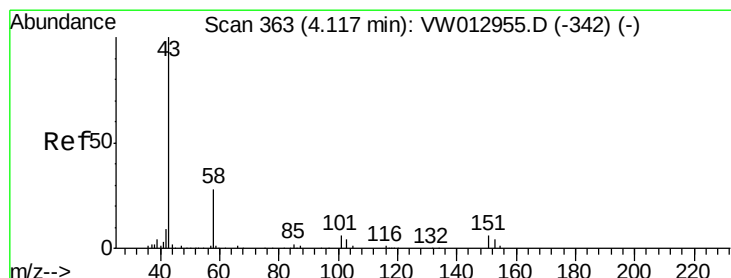
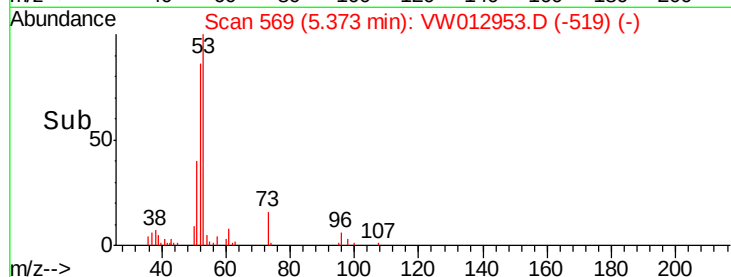
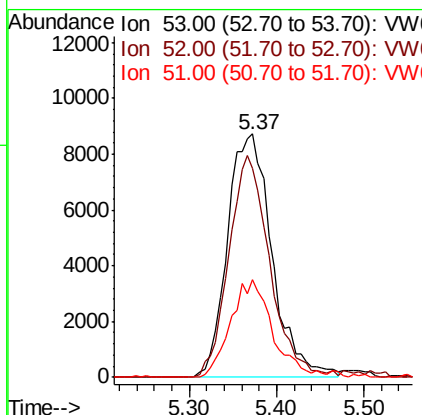
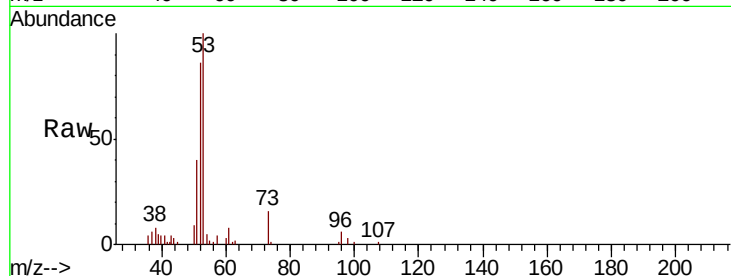
ClientSampleId :

VSTDIC010

Tgt Ion:	53	Resp:	30761
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.6	100.0
51	37.7	29.8	44.8

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#16

Acetone

Concen: 58.524 ug/l

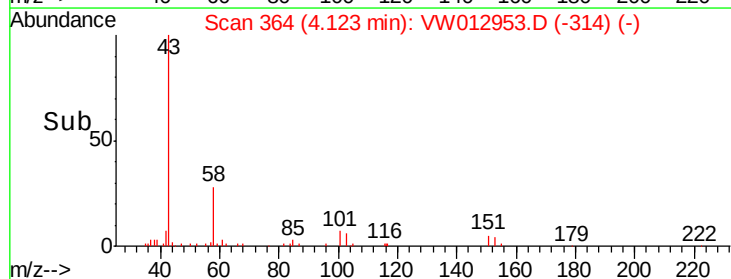
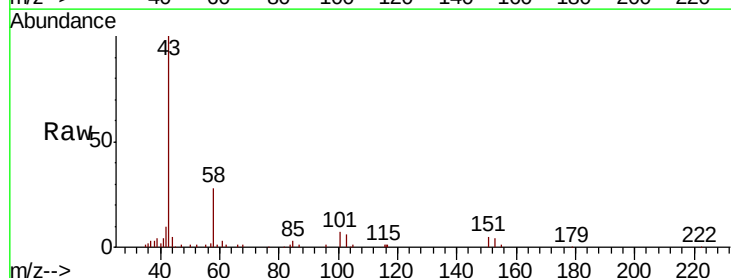
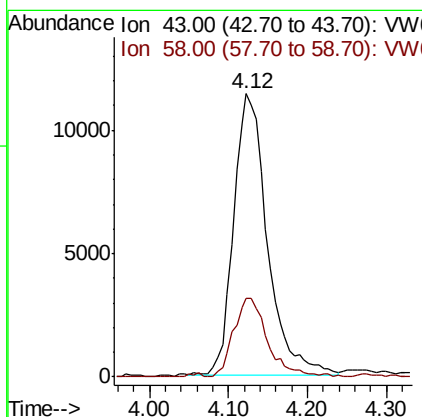
RT: 4.12 min Scan# 364

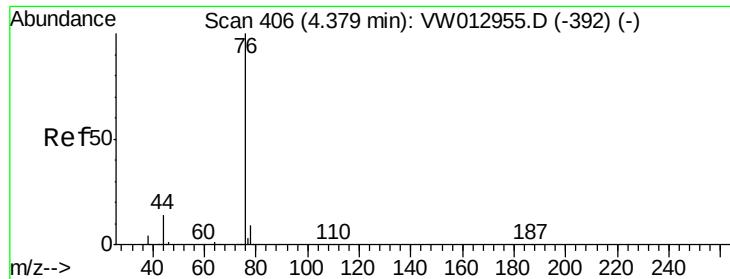
Delta R.T. 0.01 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

Tgt Ion:	43	Resp:	34161
Ion	Ratio	Lower	Upper
43	100		
58	27.1	22.3	33.5





#17

Carbon Disulfide

Concen: 12.521 ug/l

RT: 4.38 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 45823

Ion Ratio Lower Upper

76 100

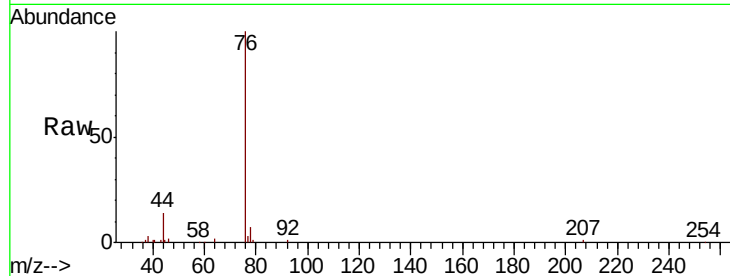
78 7.0 7.0 10.4

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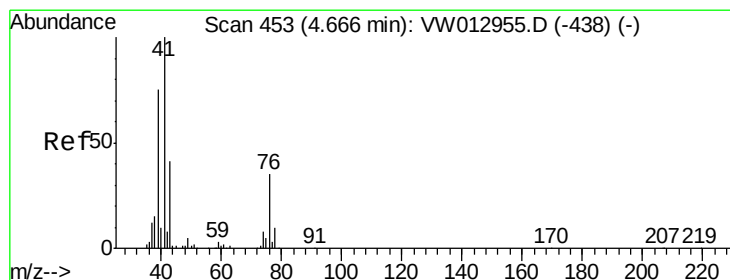
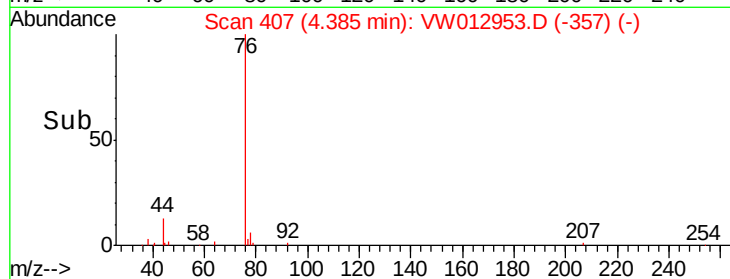
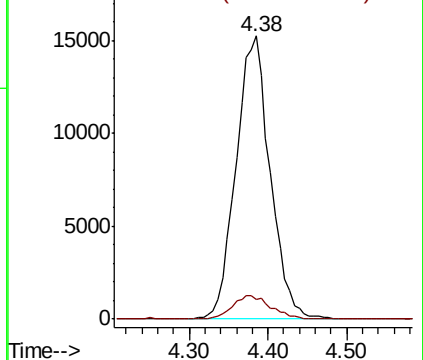
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 10.679 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012953.D

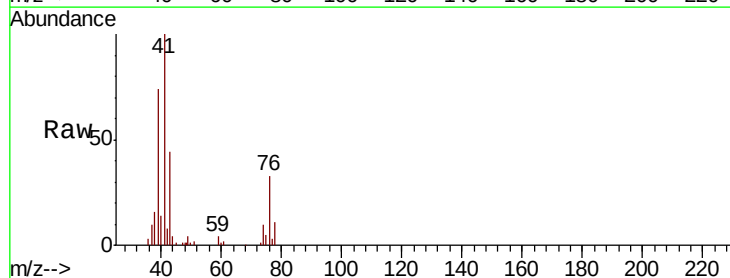
Acq: 13 Sep 2019 14:32

Tgt Ion: 43 Resp: 14950

Ion Ratio Lower Upper

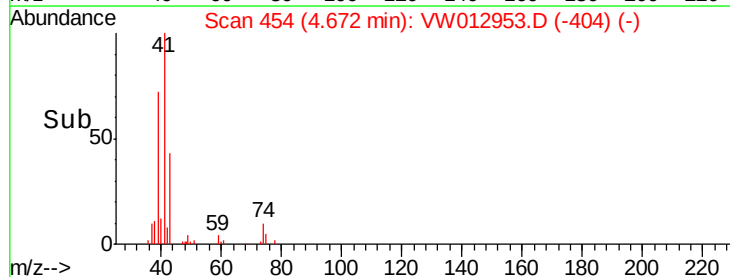
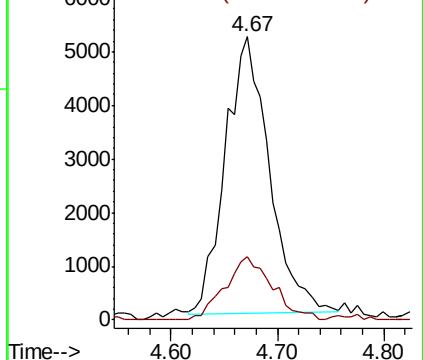
43 100

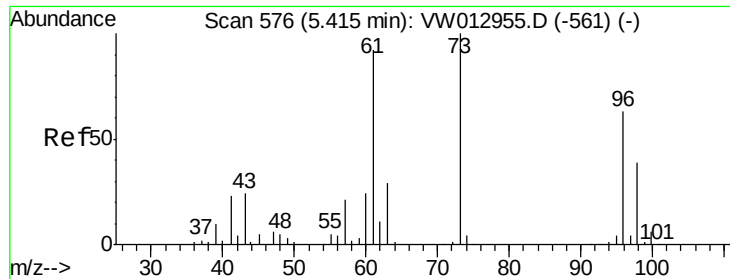
74 24.3 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





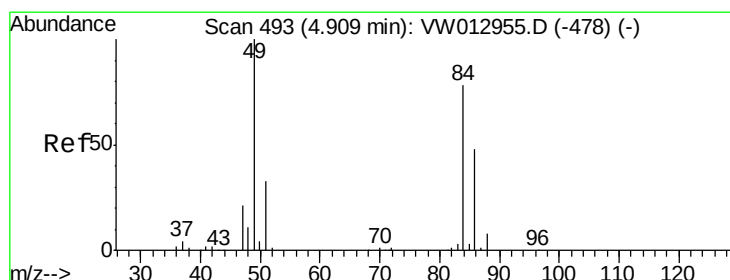
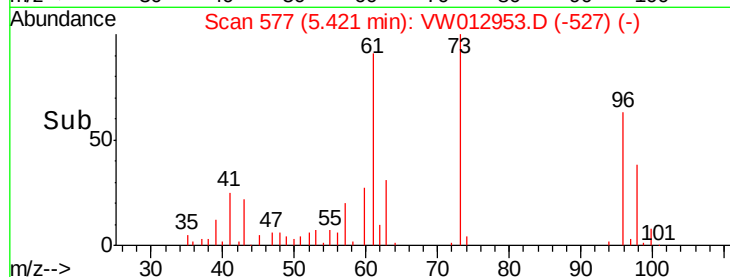
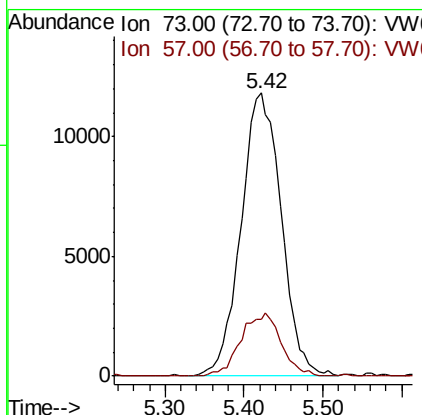
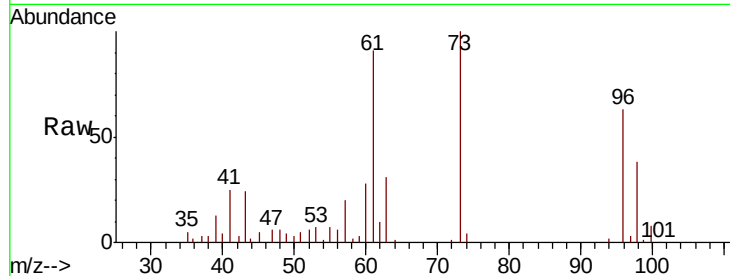
#19
Methyl tert-butyl Ether
Concen: 11.559 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion: 73 Resp: 41903
Ion Ratio Lower Upper
73 100
57 20.2 16.4 24.6

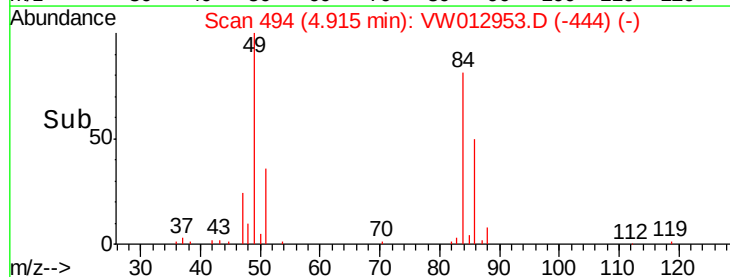
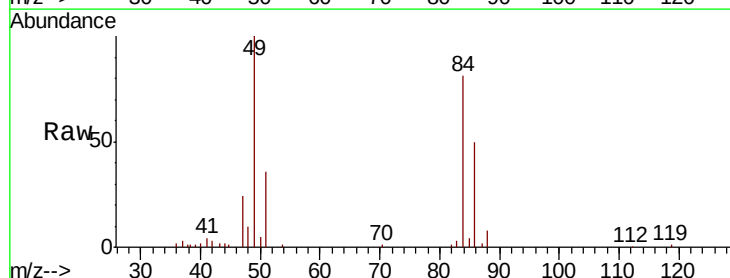
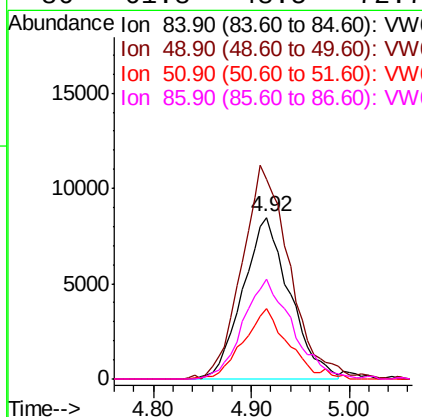
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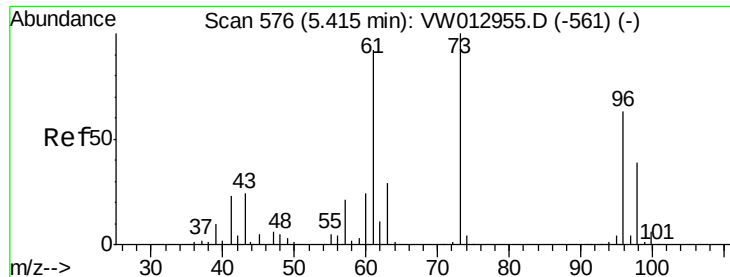
MMDadoda
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#20
Methylene Chloride
Concen: 12.227 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Tgt Ion: 84 Resp: 28240
Ion Ratio Lower Upper
84 100
49 122.5 102.0 153.0
51 43.8 34.0 51.0
86 61.8 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 11.442 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 96 Resp: 22506

Ion Ratio Lower Upper

96 100

61 143.9 116.2 174.2

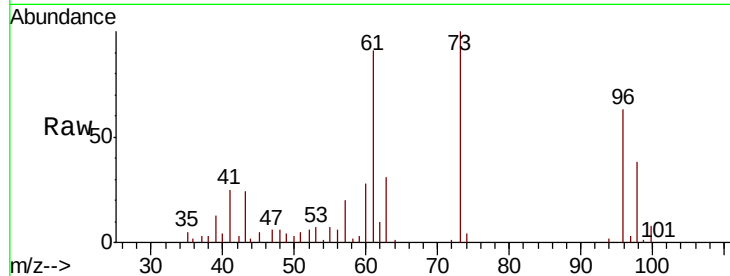
98 59.8 49.8 74.6

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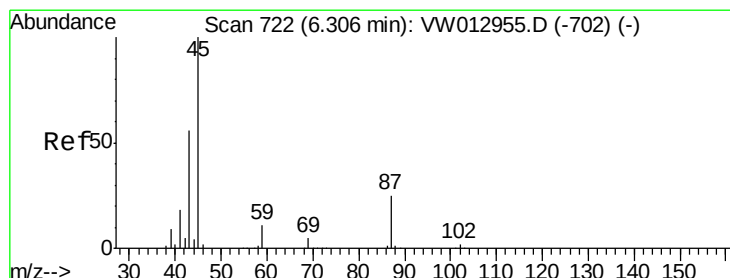
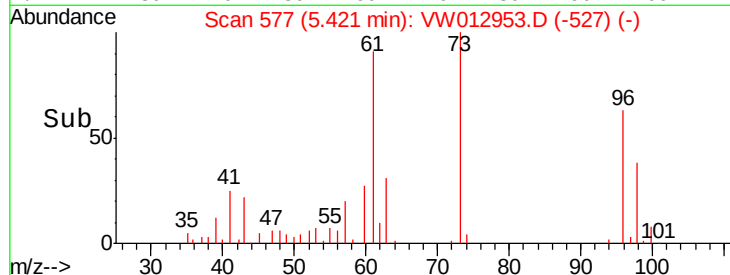
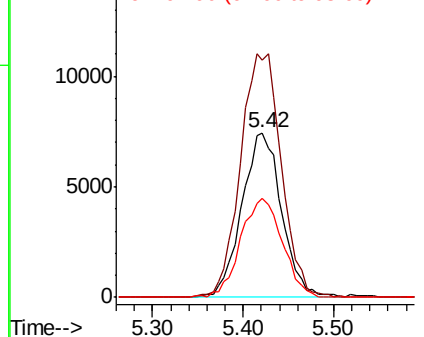


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 11.151 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

Tgt Ion: 45 Resp: 80762

Ion Ratio Lower Upper

45 100

43 69.1 44.6 67.0#

87 25.6 20.0 30.0

59 11.5 8.7 13.1

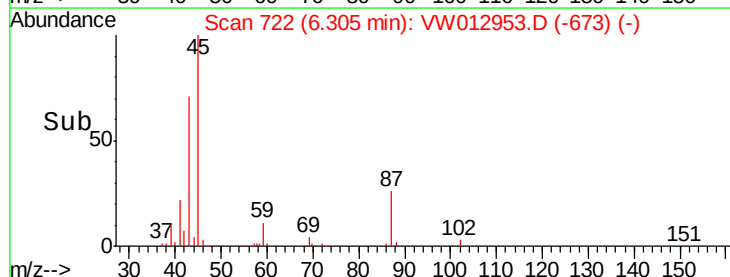
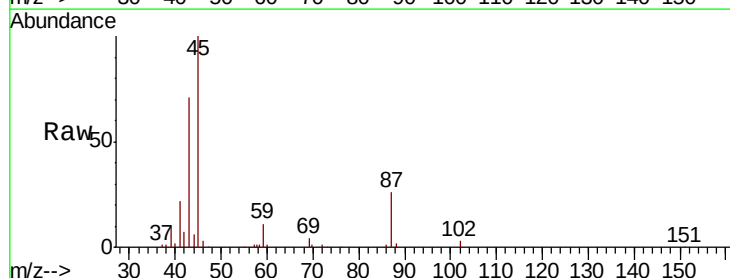
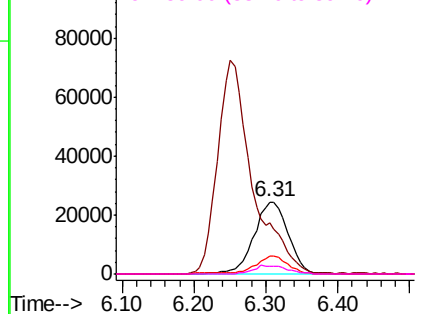
Abundance

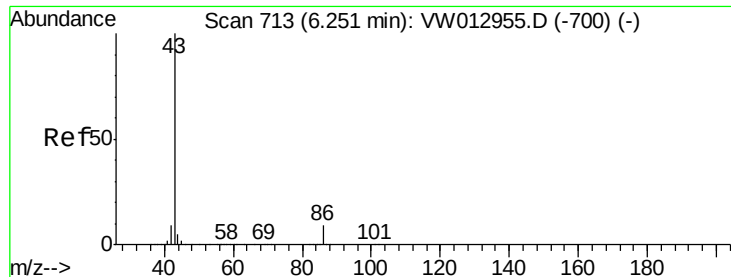
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 56.382 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 244581

Ion Ratio Lower Upper

43 100

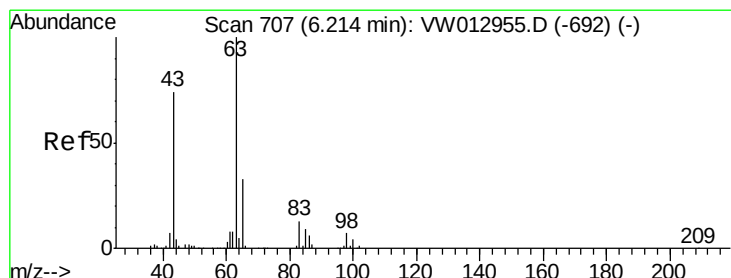
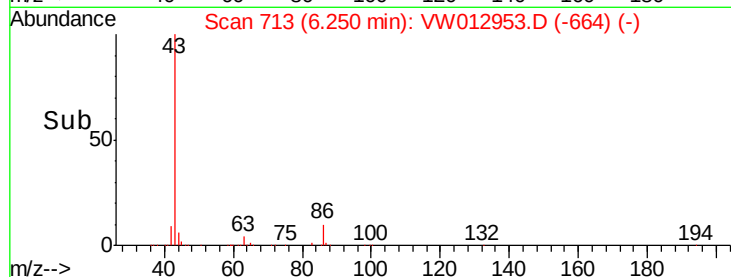
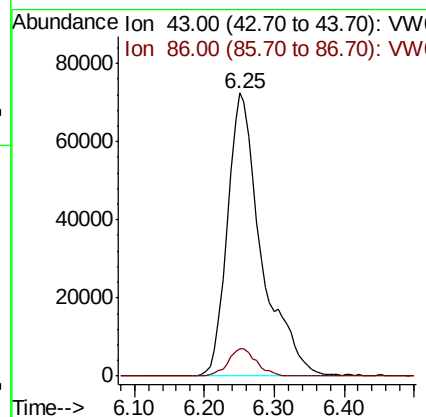
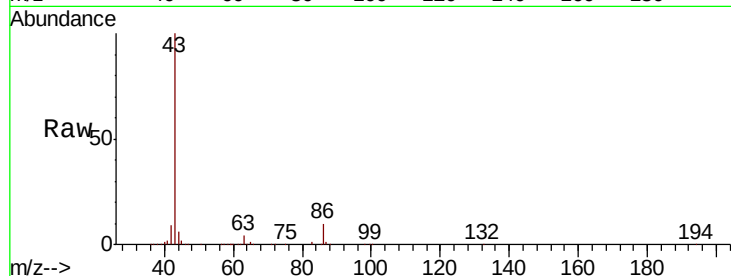
86 9.8 7.0 10.6

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#24

1,1-Dichloroethane

Concen: 11.352 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

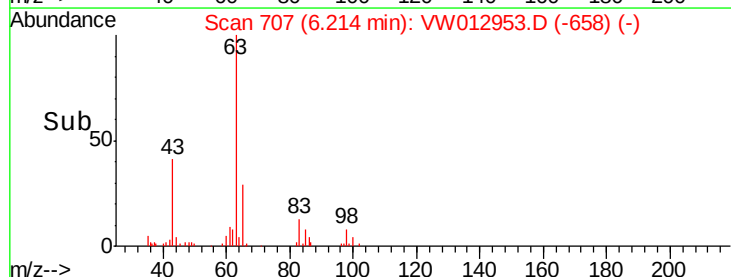
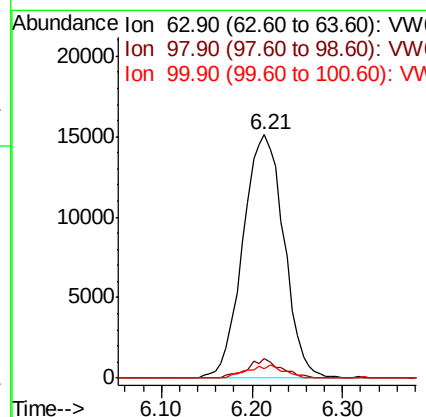
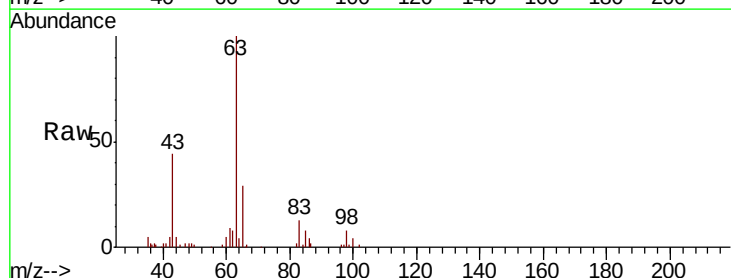
Tgt Ion: 63 Resp: 47404

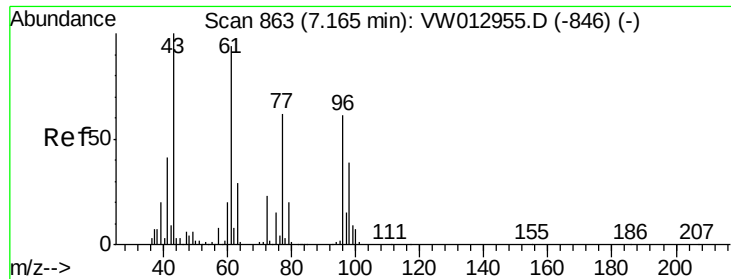
Ion Ratio Lower Upper

63 100

98 7.9 3.3 9.9

100 3.7 1.8 5.5





#25

2-Butanone

Concen: 58.739 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 45894

Ion Ratio Lower Upper

43 100

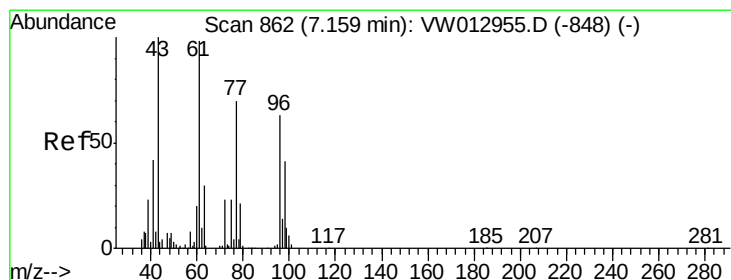
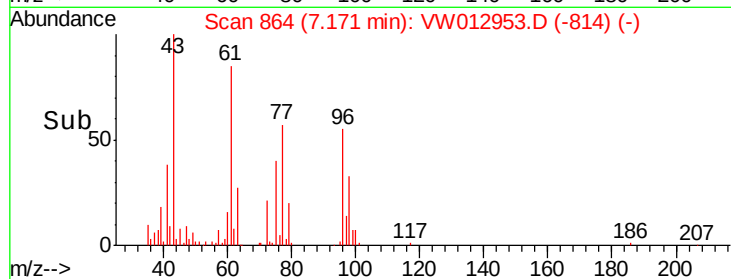
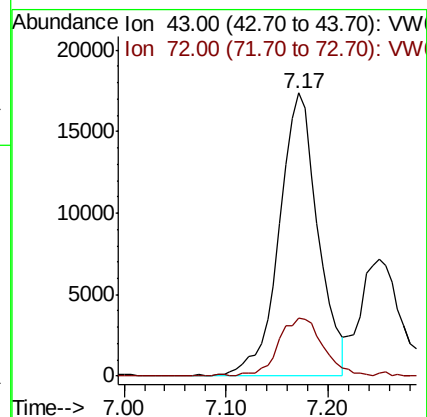
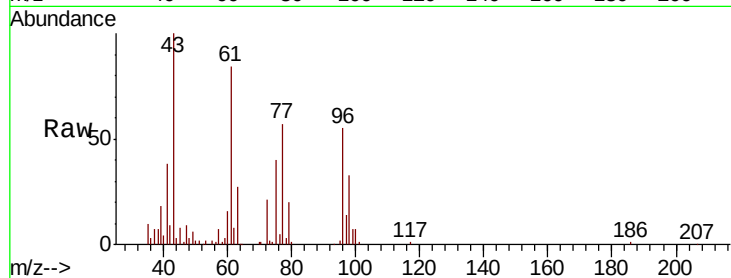
72 20.7 18.2 27.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 11.897 ug/l

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW012953.D

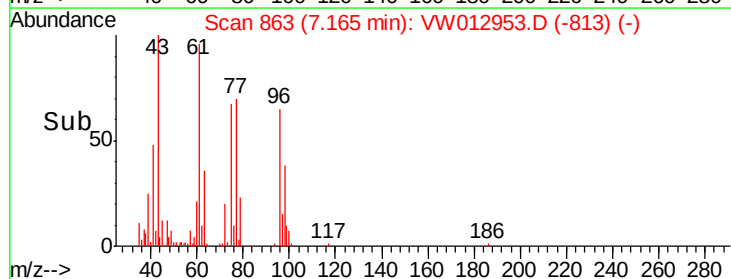
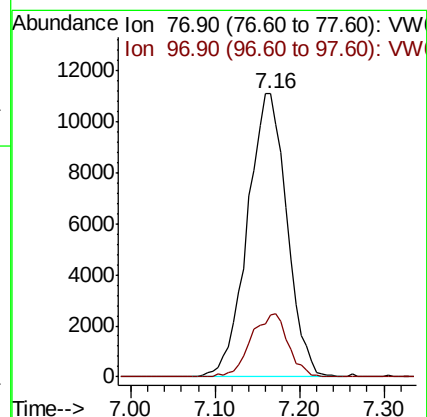
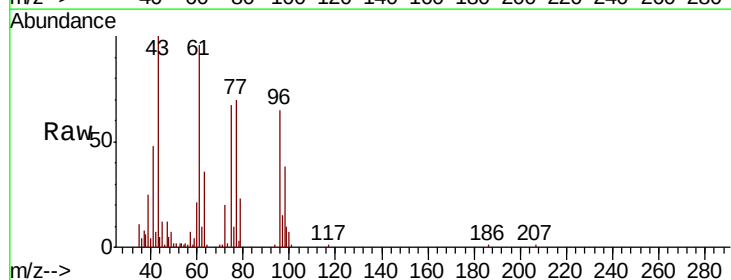
Acq: 13 Sep 2019 14:32

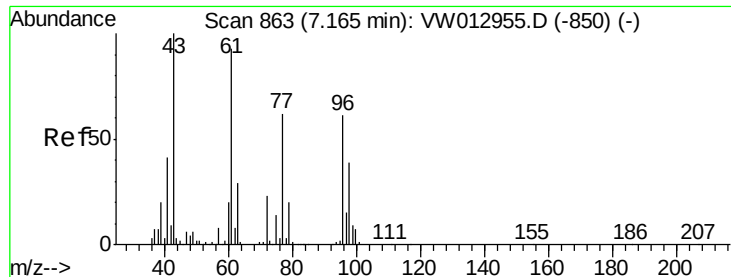
Tgt Ion: 77 Resp: 35227

Ion Ratio Lower Upper

77 100

97 21.0 10.7 32.1





#27

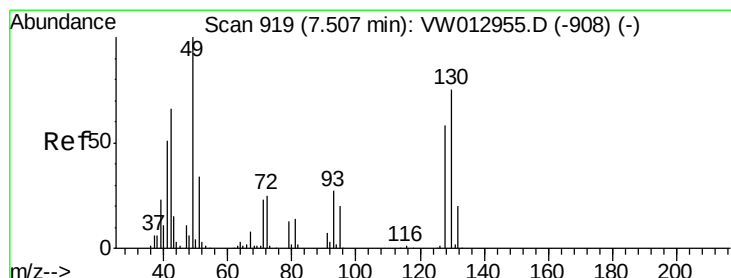
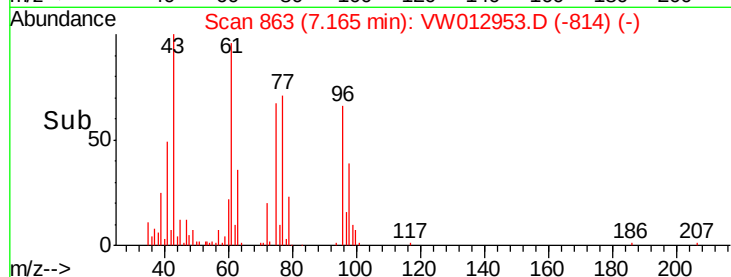
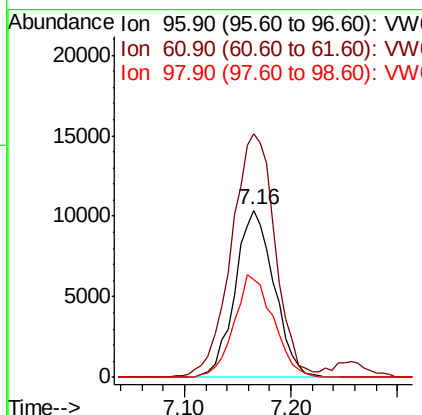
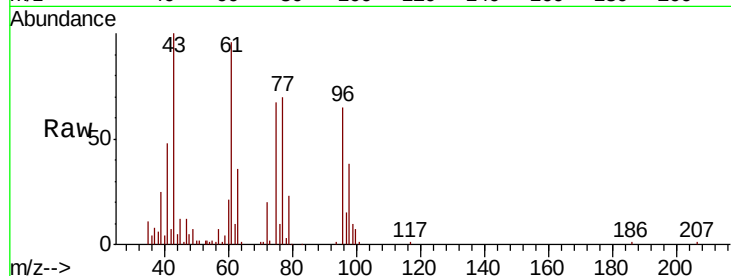
cis-1,2-Dichloroethene
Concen: 11.338 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	26698		
61	163.3	0.0	315.4	
98	61.6	0.0	131.0	

Manual Integrations
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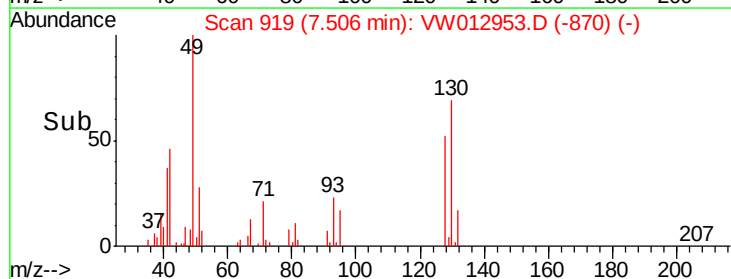
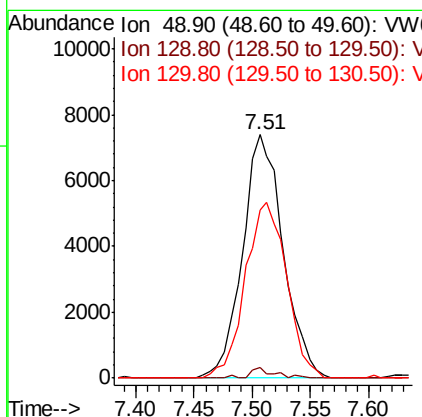
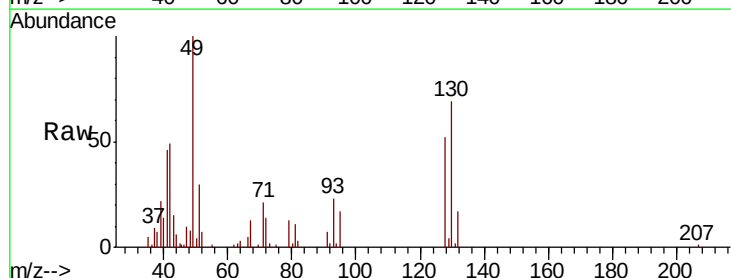
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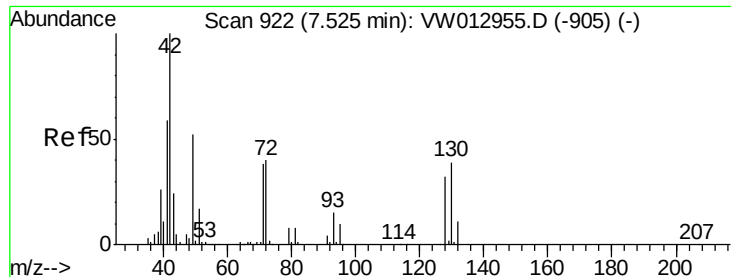


#28

Bromochloromethane
Concen: 10.222 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	17967		
129	2.5	0.0	1.4#	
130	73.5	57.8	86.6	





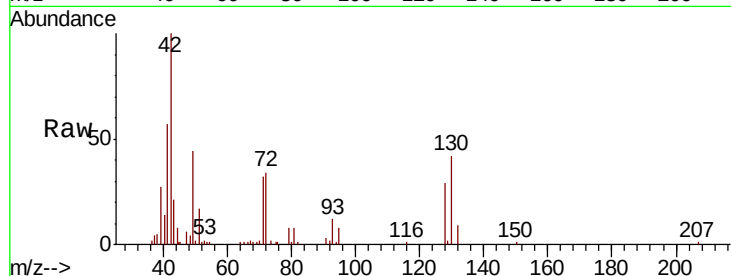
#29
Tetrahydrofuran
Concen: 57.938 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

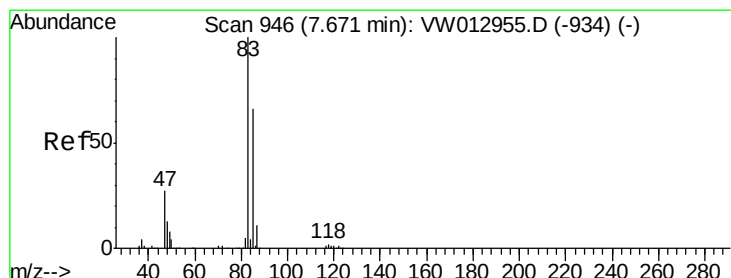
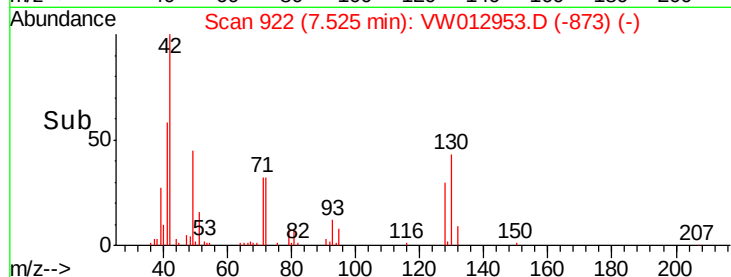
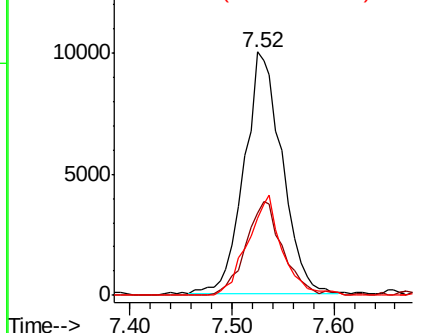
Tgt Ion	Ratio	Lower	Upper
42	100		
72	38.3	31.4	47.0
71	37.6	29.8	44.8

Manual Integrations
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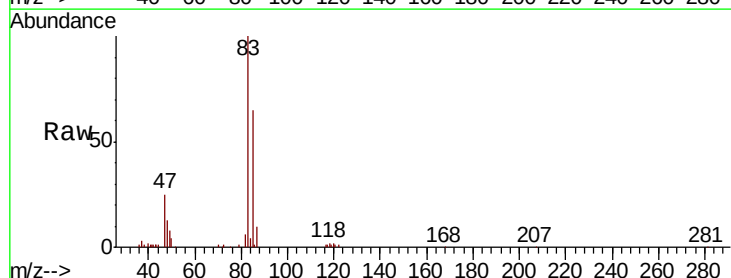


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

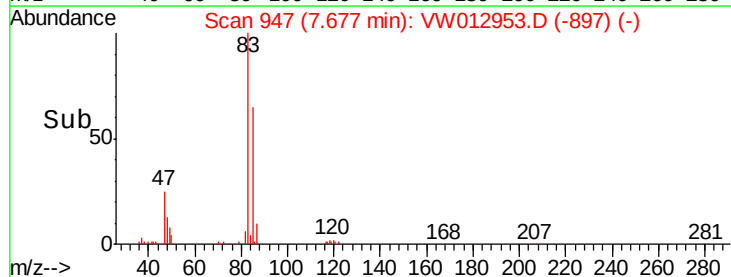
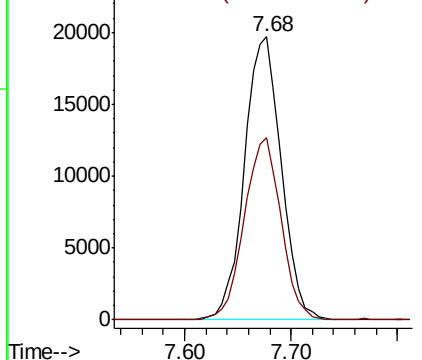


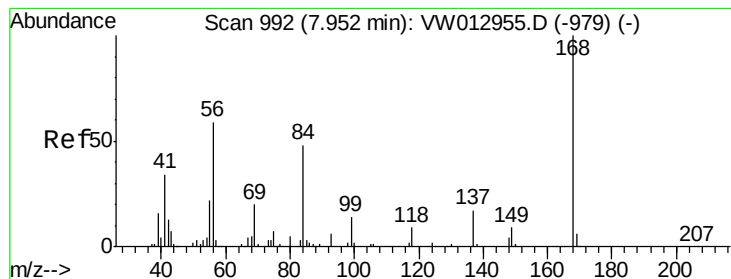
#30
Chloroform
Concen: 11.286 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.8	79.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 11.920 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 56 Resp: 42411

Ion Ratio Lower Upper

56 100

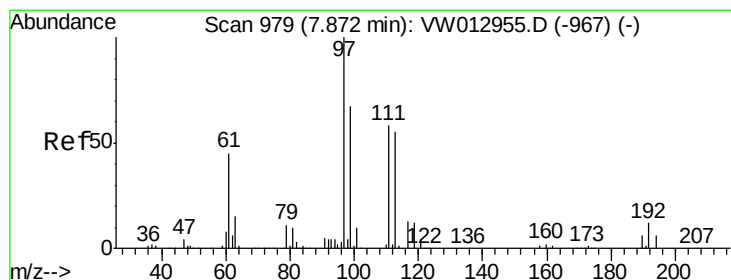
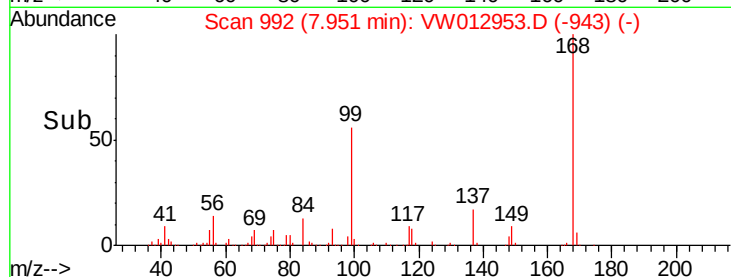
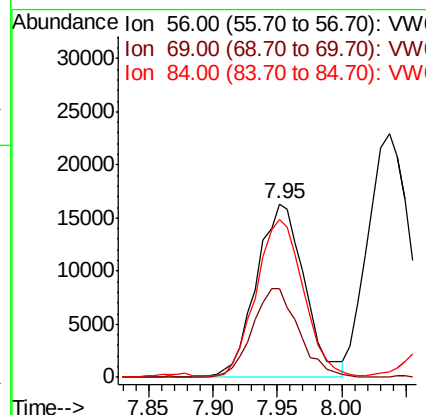
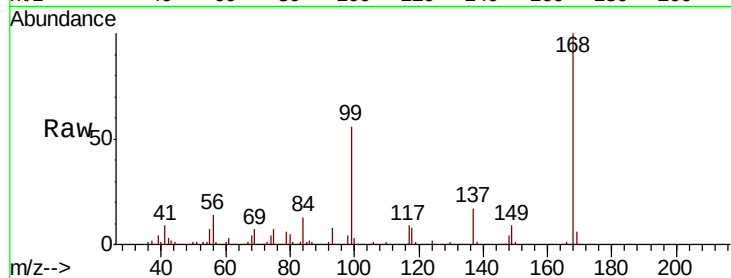
69 50.7 27.0 40.6#

84 89.6 66.2 99.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 11.250 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

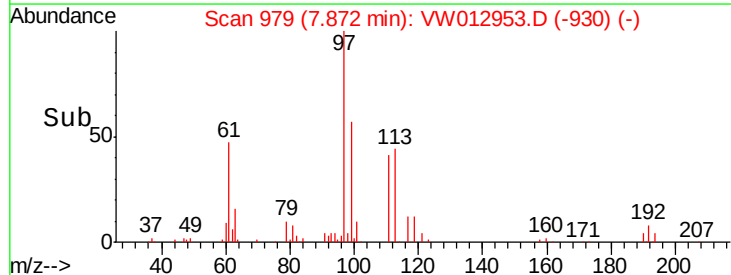
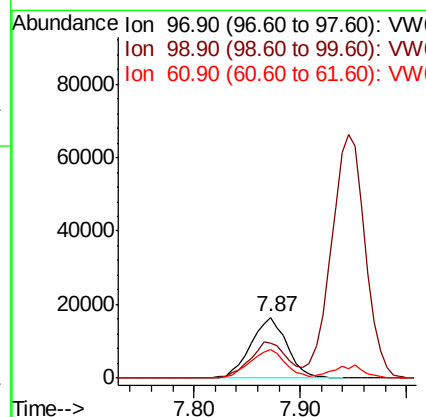
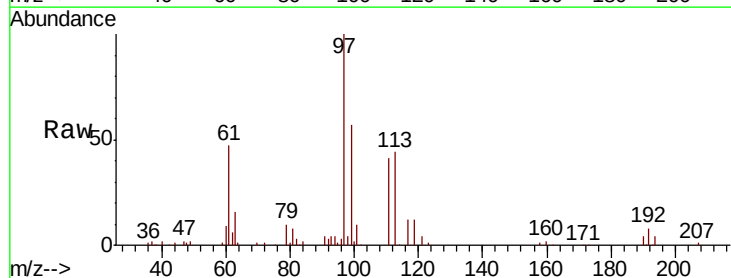
Tgt Ion: 97 Resp: 39311

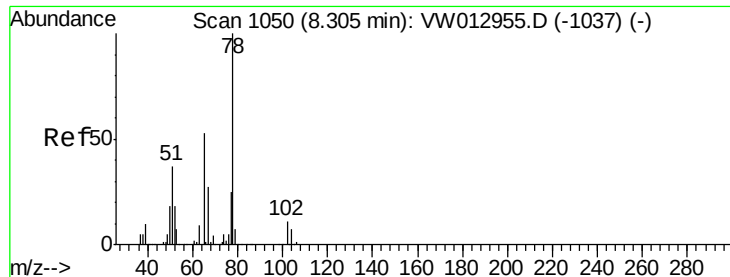
Ion Ratio Lower Upper

97 100

99 61.6 53.0 79.4

61 46.8 36.5 54.7





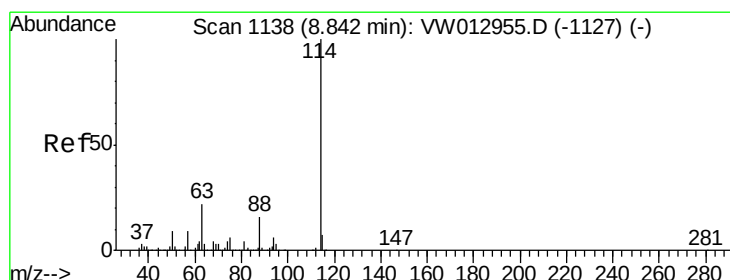
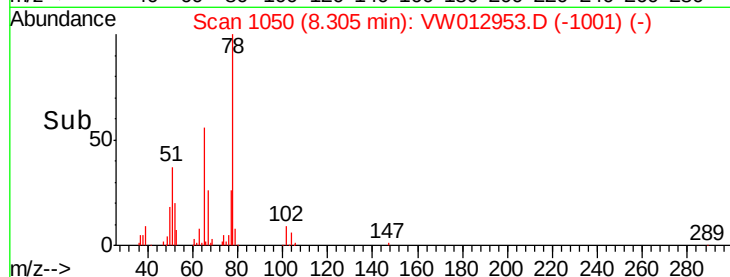
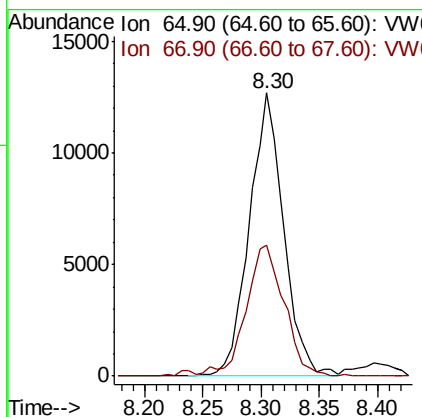
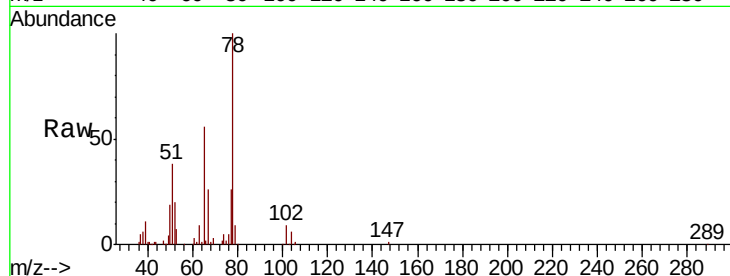
#33
 1,2-Dichloroethane-d4
 Concen: 10.594 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012953.D
 Acq: 13 Sep 2019 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	26031		
67	51.4	0.0	101.2	

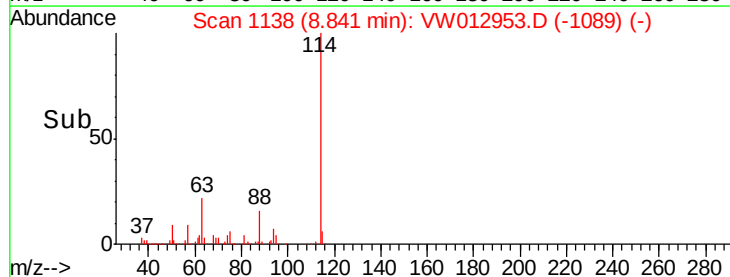
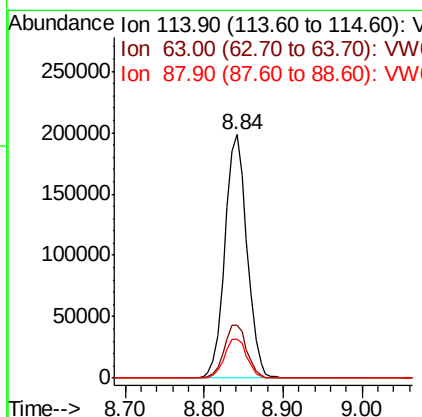
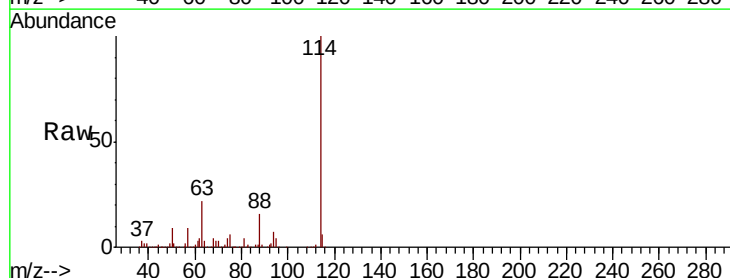
Manual Integrations
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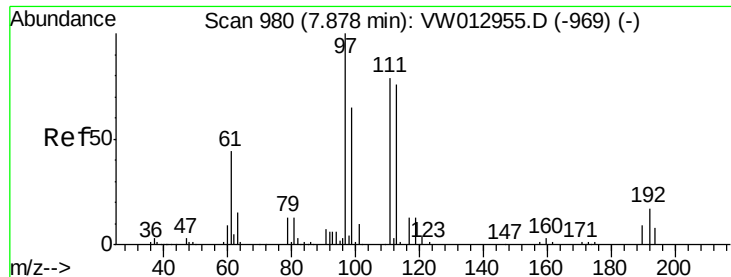
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012953.D
 Acq: 13 Sep 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	385632		
63	21.9	0.0	43.4	
88	16.1	0.0	31.6	





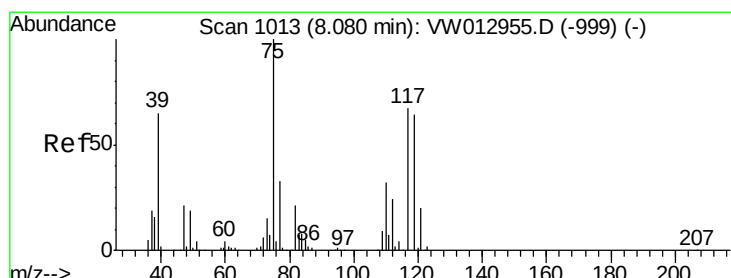
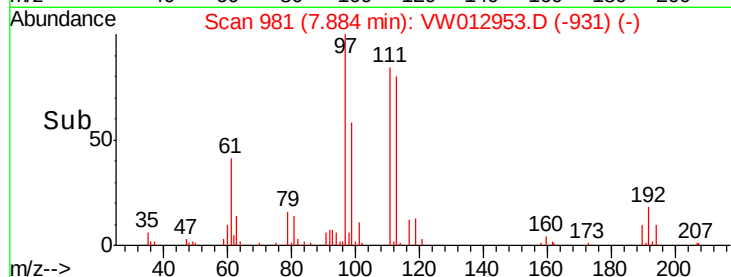
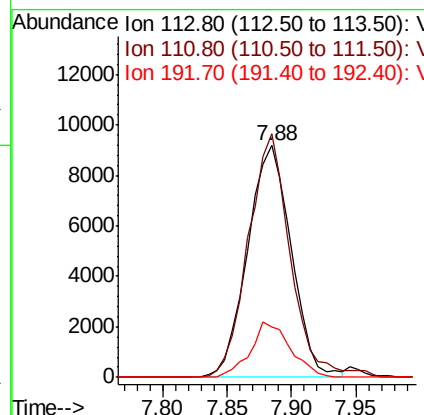
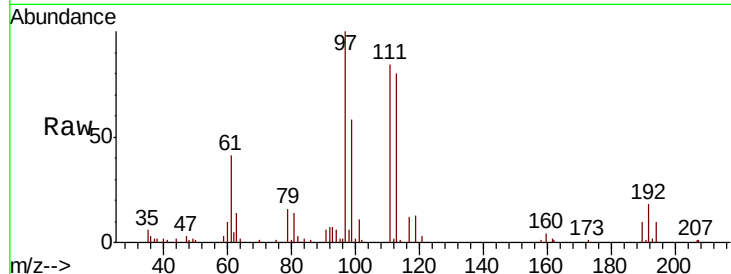
#35
 Dibromofluoromethane
 Concen: 10.325 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW012953.D
 Acq: 13 Sep 2019 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	21604		
111	101.1	82.8	124.2	
192	21.6	17.8	26.8	

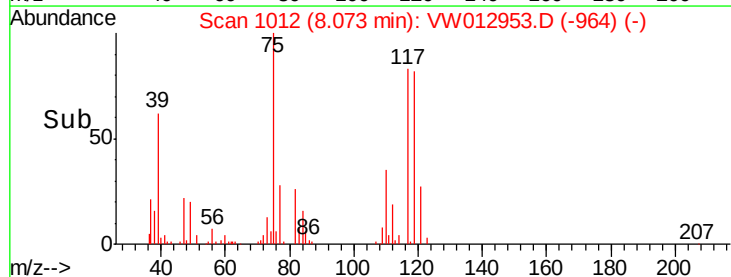
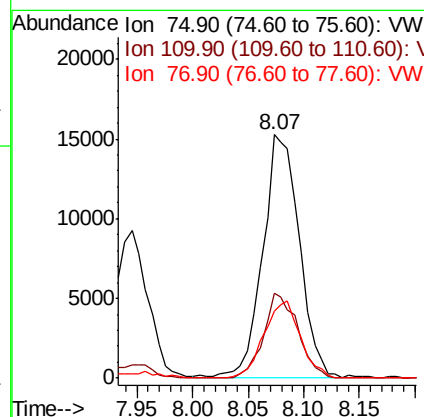
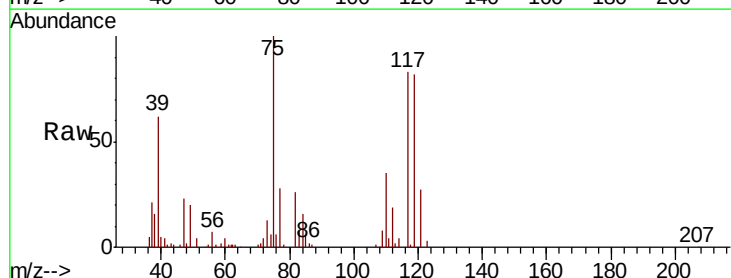
Manual Integrations
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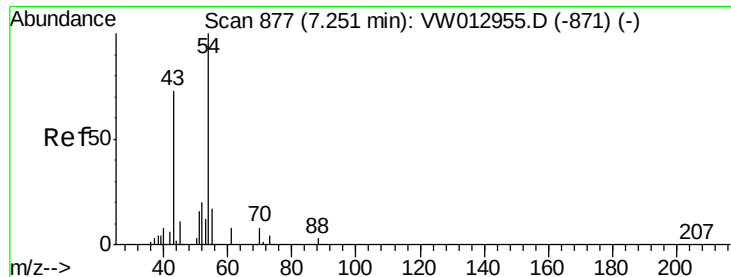
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#36
 1,1-Dichloropropene
 Concen: 11.412 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW012953.D
 Acq: 13 Sep 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	35167		
110	32.6	16.4	49.1	
77	31.5	25.1	37.7	





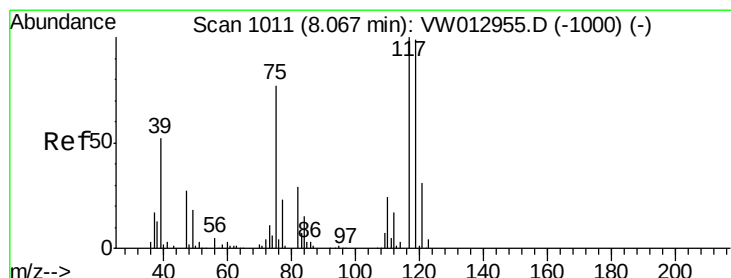
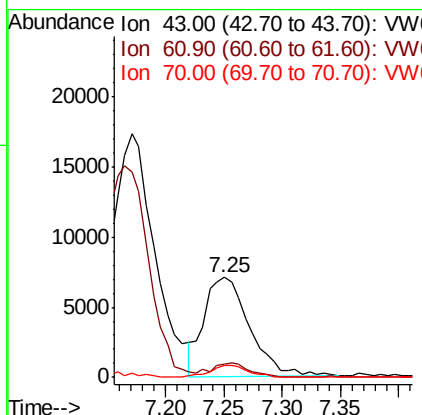
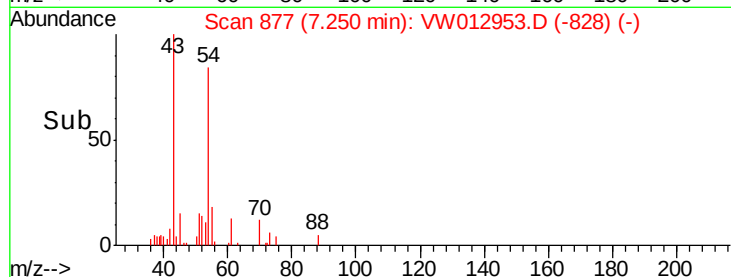
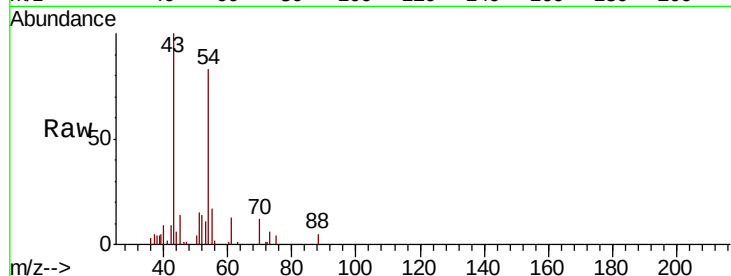
#37
Ethyl Acetate
Concen: 11.619 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.6	14.4
70	10.5	7.6	11.4

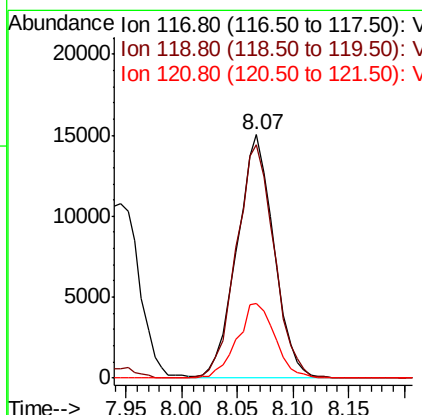
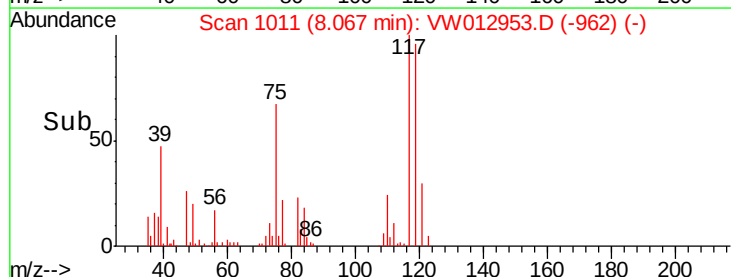
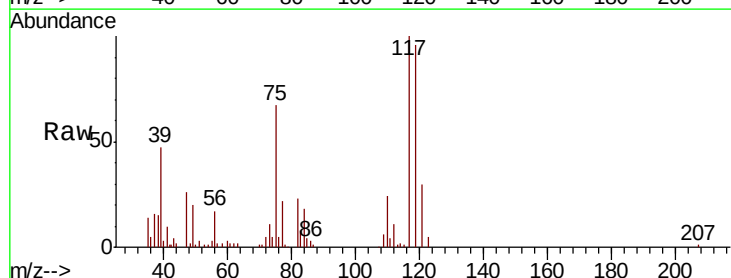
Manual Integrations
APPROVED

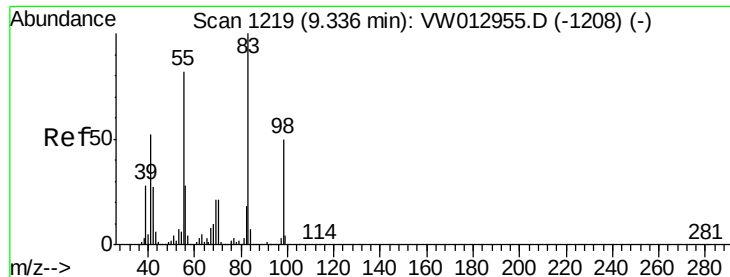
MMDadoda
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#38
Carbon Tetrachloride
Concen: 10.949 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	79.4	119.0
121	30.4	24.6	36.8





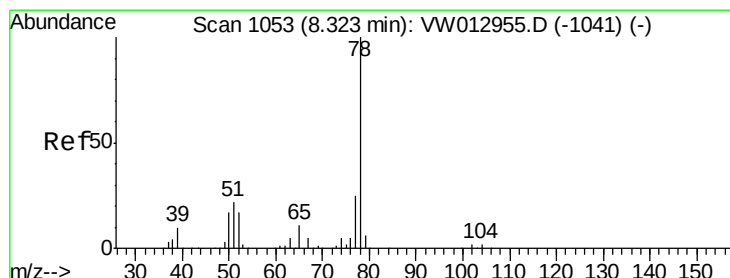
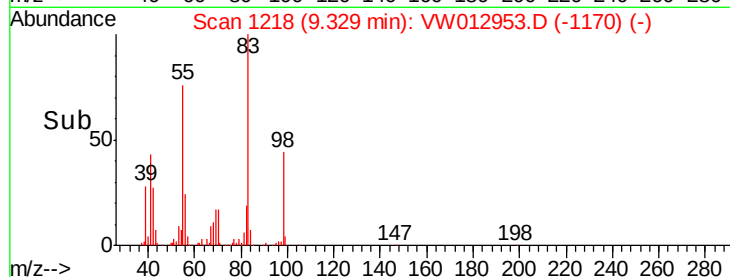
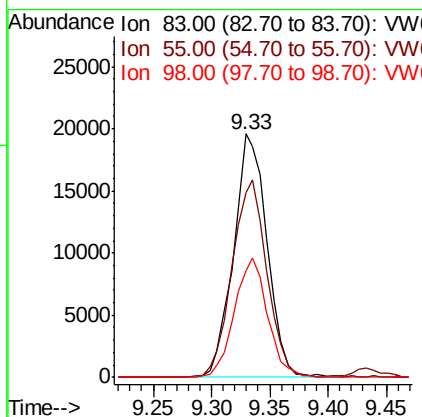
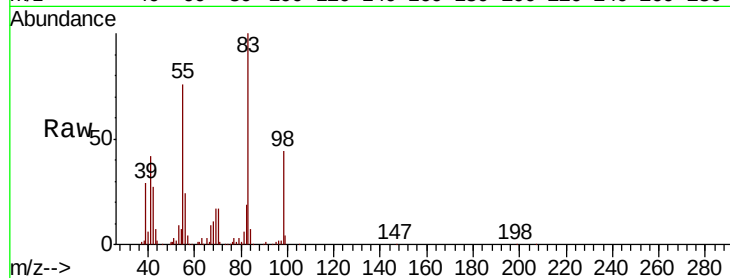
#39
Methylcyclohexane
Concen: 11.597 ug/l
RT: 9.33 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.8	65.9	98.9
98	43.9	39.6	59.4

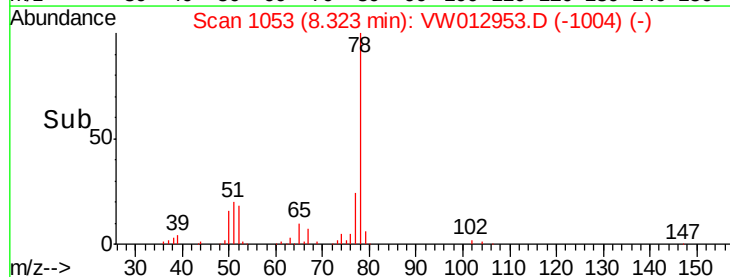
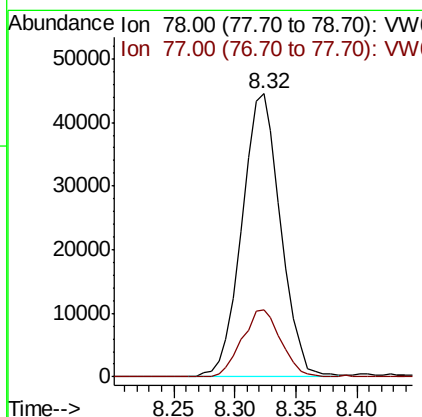
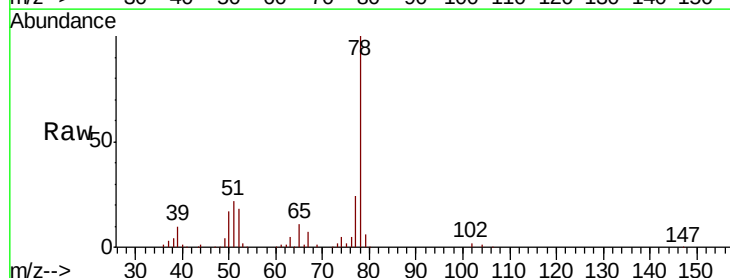
Manual Integrations
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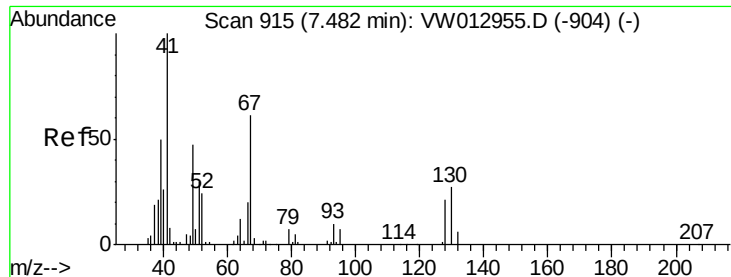
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#40
Benzene
Concen: 11.401 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.6	29.4





#41

Methacrylonitrile

Concen: 11.708 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

Instrument :

MSVOA_W

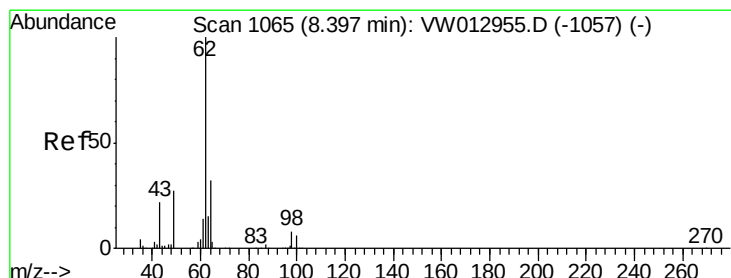
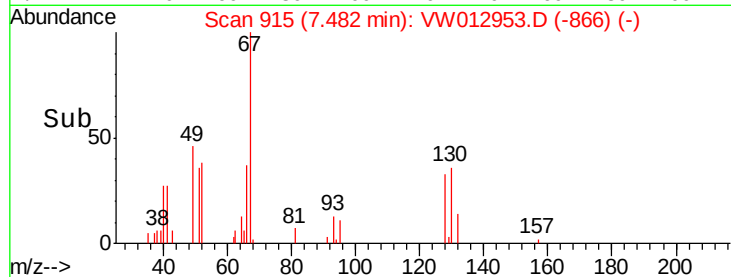
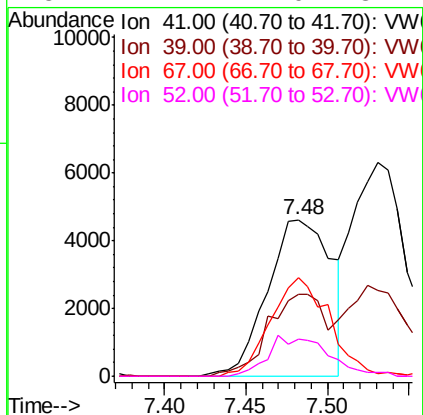
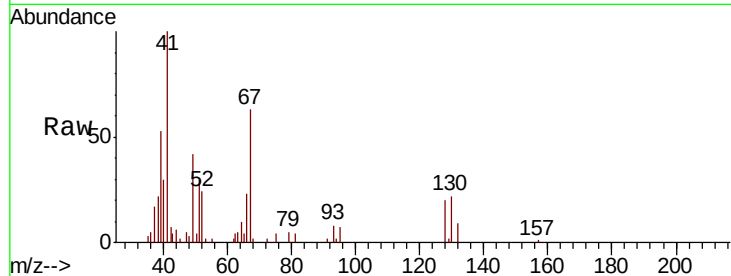
ClientSampleId :

VSTDIC010

Tgt Ion	Ratio	Lower	Upper
41	100		
39	45.7	48.2	72.4#
67	58.6	47.5	71.3
52	24.2	21.0	31.4

Manual Integrations
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9/16/2019 12:44:08 AM



#42

1,2-Dichloroethane

Concen: 11.433 ug/l

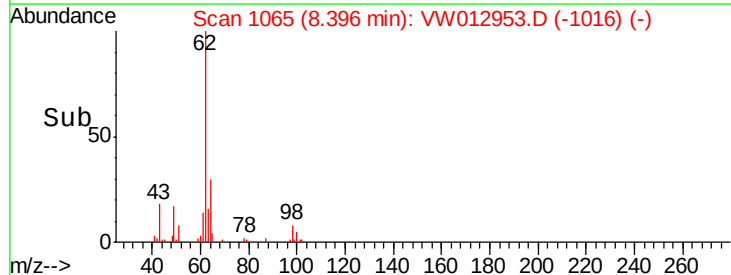
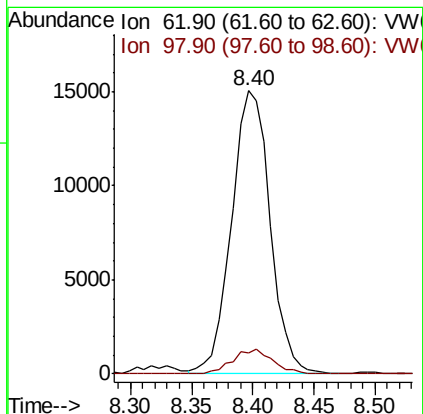
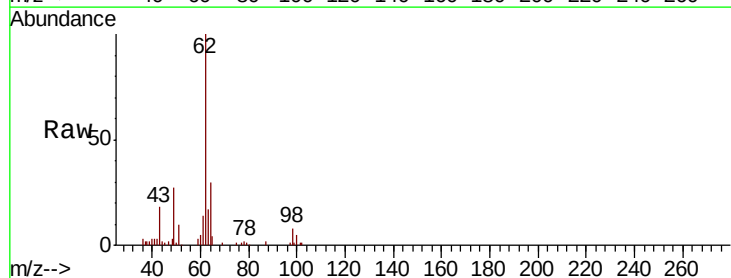
RT: 8.40 min Scan# 1065

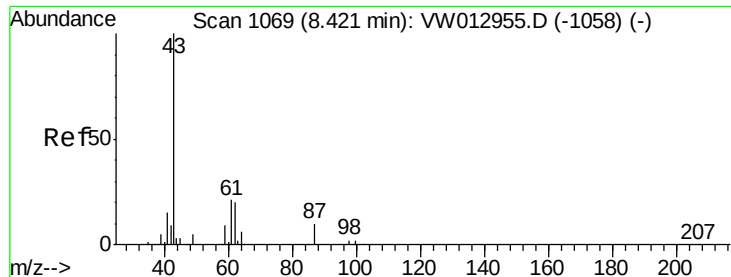
Delta R.T. -0.00 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.8





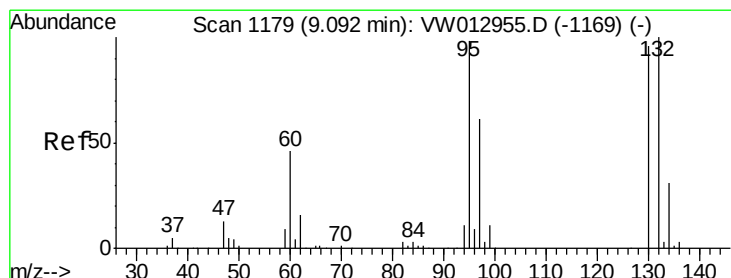
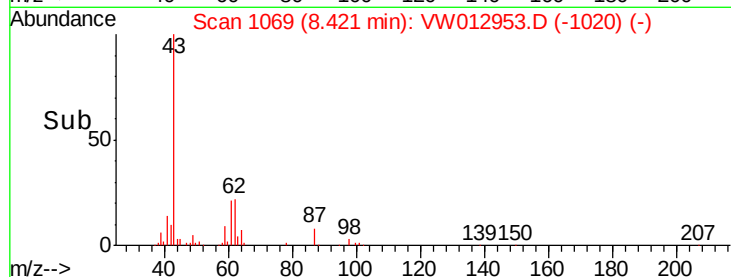
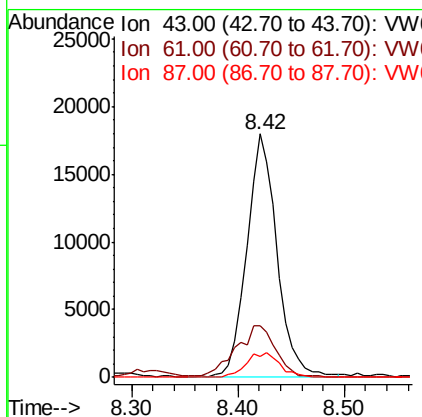
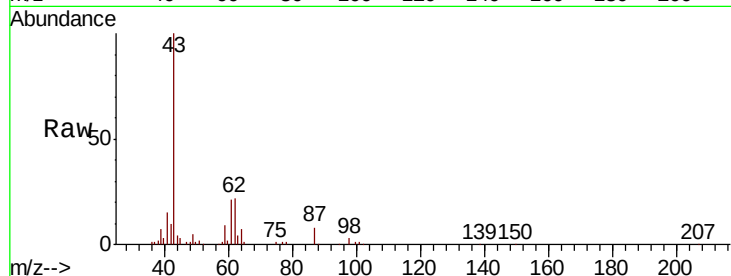
#43
Isopropyl Acetate
Concen: 11.431 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
43	100		
61	28.2	22.7	34.1
87	11.3	9.4	14.2

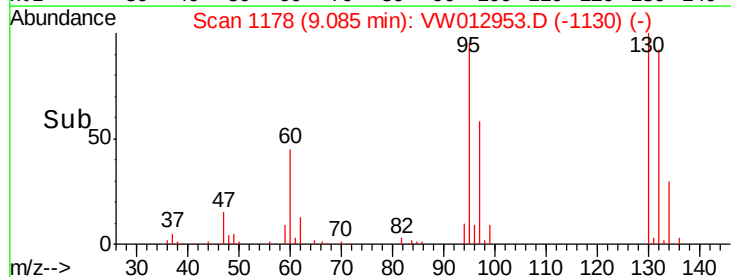
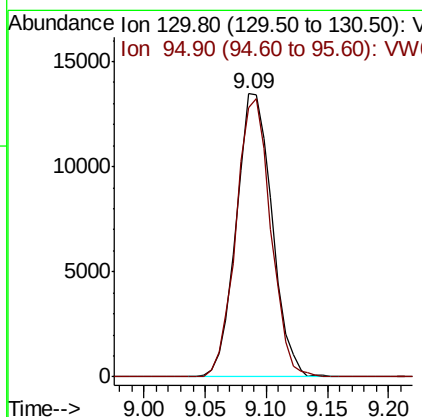
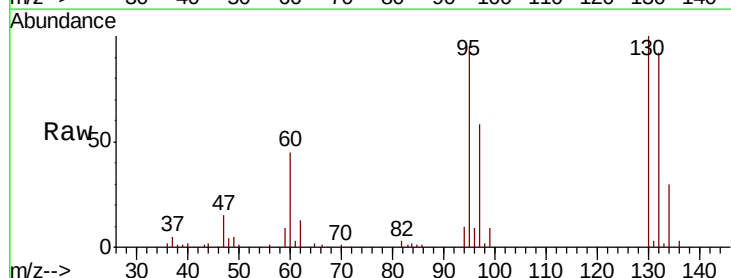
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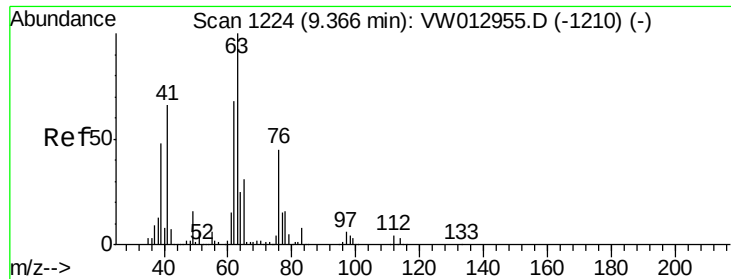
MMDadoda
9/16/2019 12:44:08 AM



#44
Trichloroethene
Concen: 11.591 ug/l
RT: 9.09 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	204.4





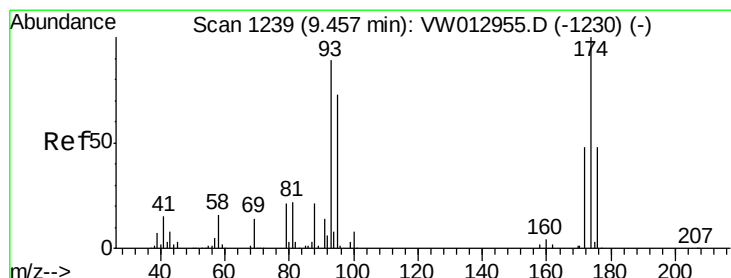
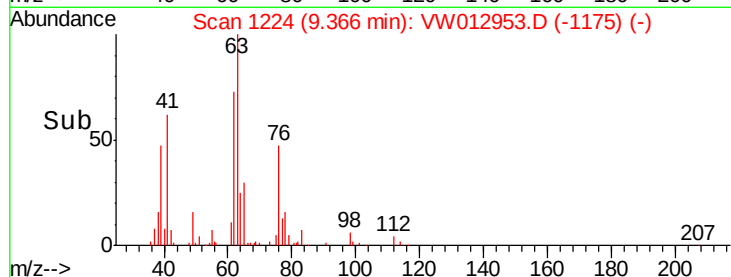
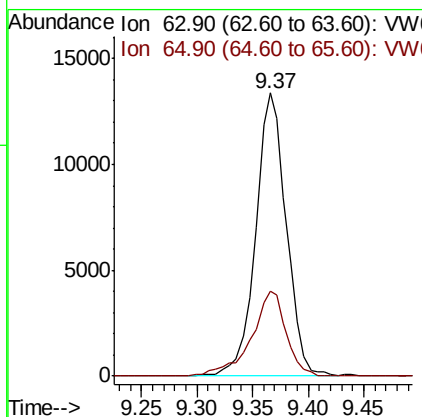
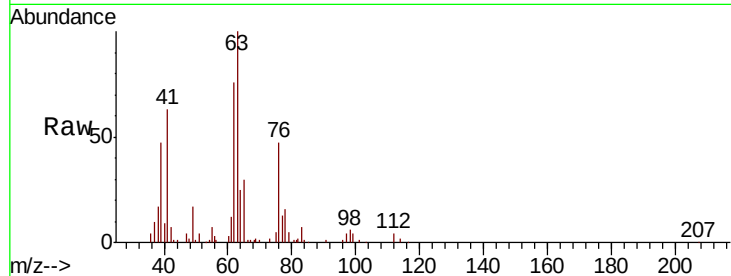
#45
 1,2-Dichloropropane
 Concen: 11.232 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012953.D
 Acq: 13 Sep 2019 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 63 Resp: 25672
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.6 37.0

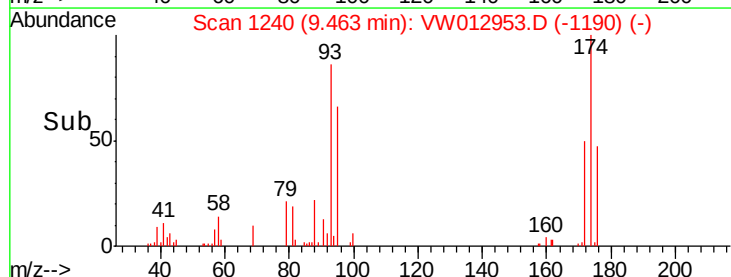
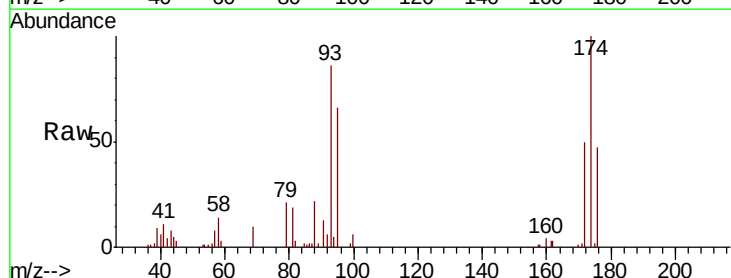
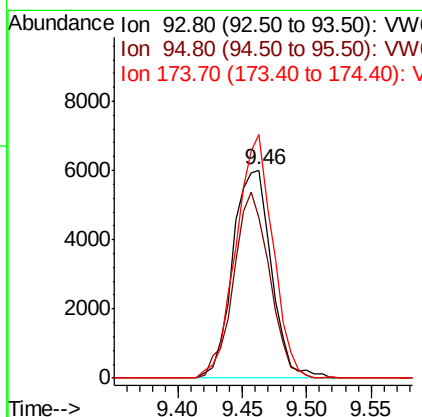
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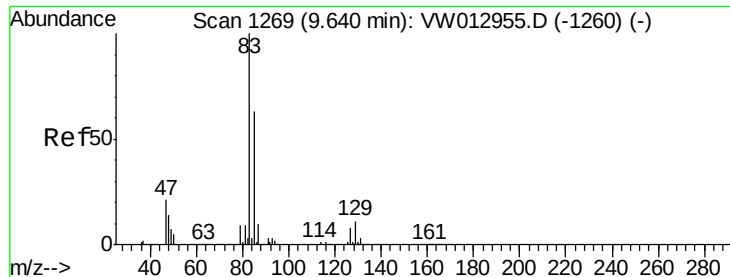
MMDadoda
 9/16/2019 12:44:08 AM



#46
 Dibromomethane
 Concen: 11.385 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW012953.D
 Acq: 13 Sep 2019 14:32

Tgt Ion: 93 Resp: 12467
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.0 100.4
 174 110.9 90.5 135.7





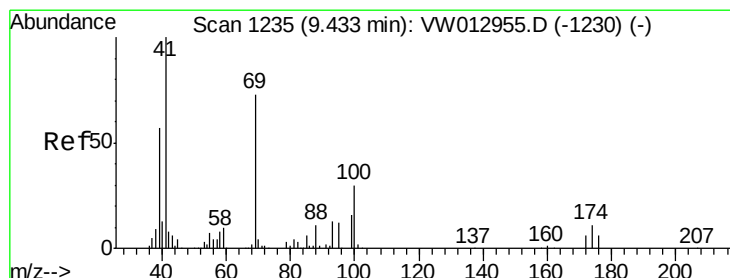
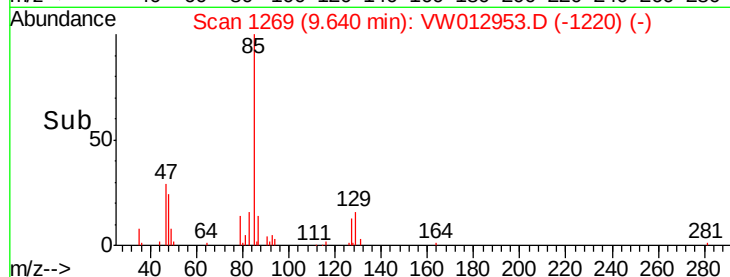
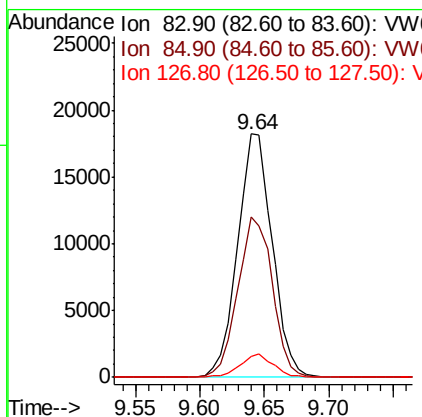
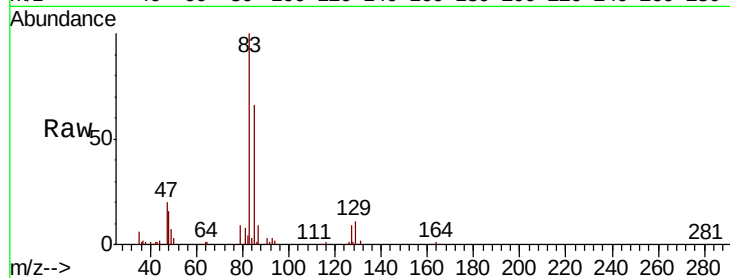
#47
Bromodichloromethane
Concen: 11.031 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	33882		
85	66.0	50.6	75.8	
127	8.8	6.7	10.1	

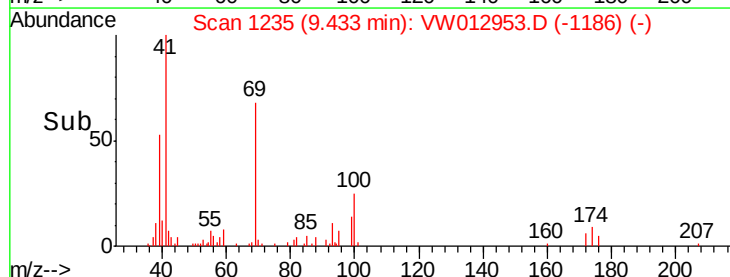
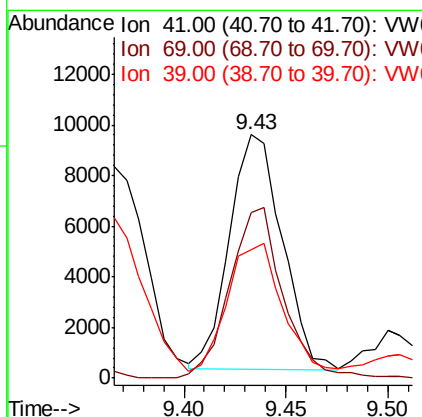
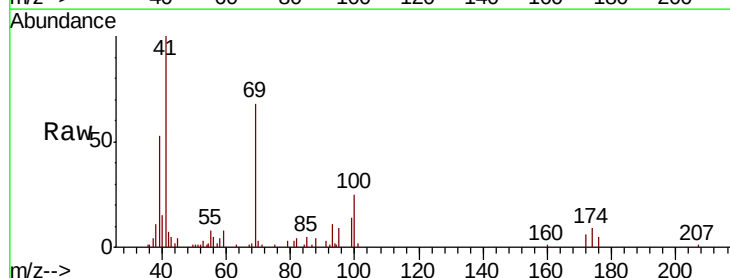
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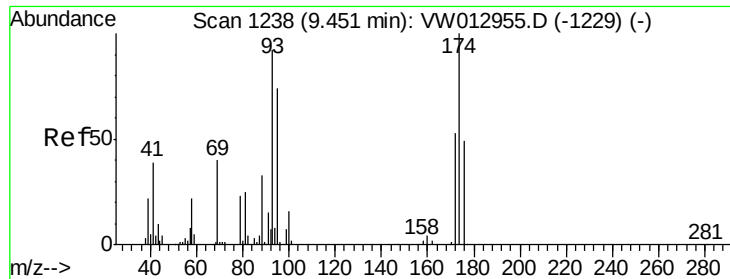
MMDadoda
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#48
Methyl methacrylate
Concen: 11.246 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	16576		
69	74.2	62.8	94.2	
39	62.9	48.5	72.7	





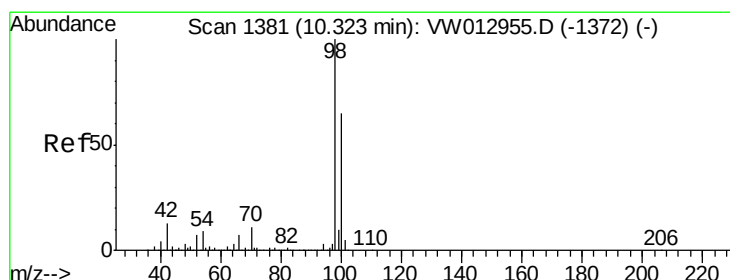
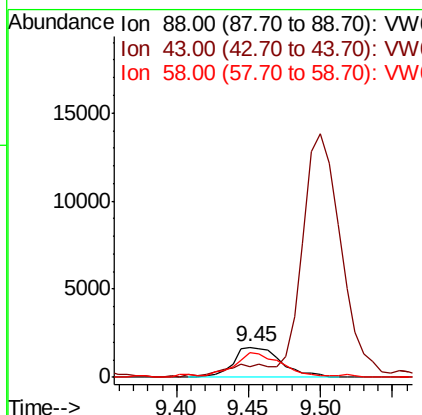
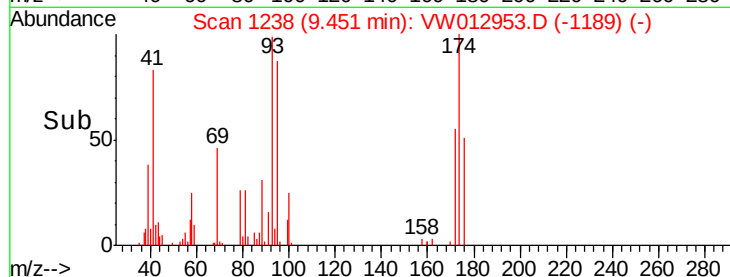
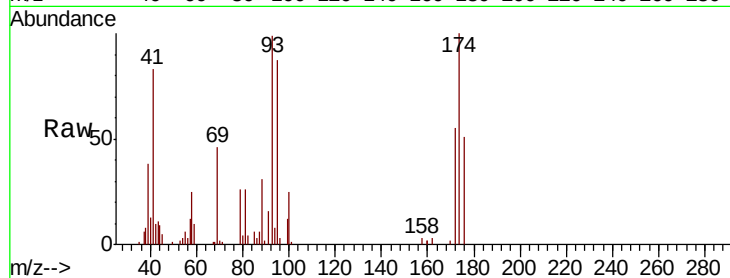
#49
1,4-Dioxane
Concen: 212.280 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	3895		
43	41.5	31.3	46.9	
58	77.0	60.2	90.2	

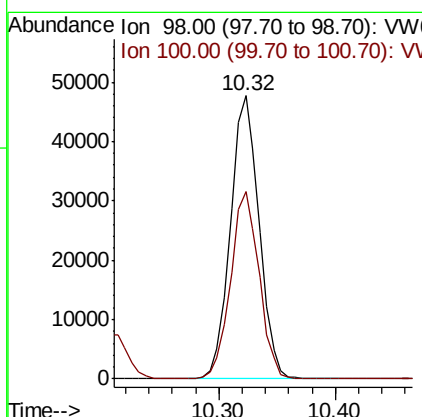
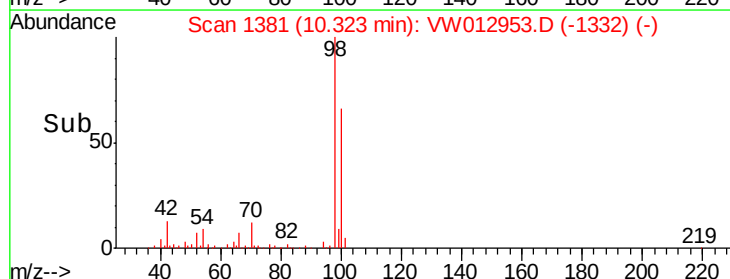
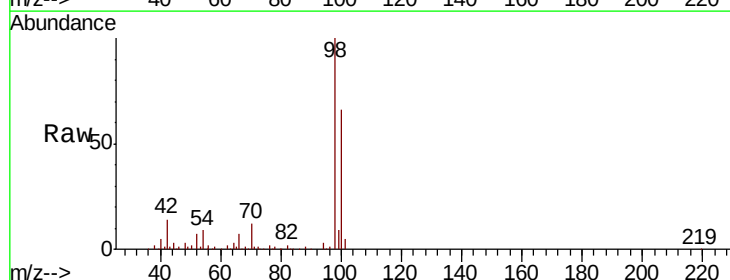
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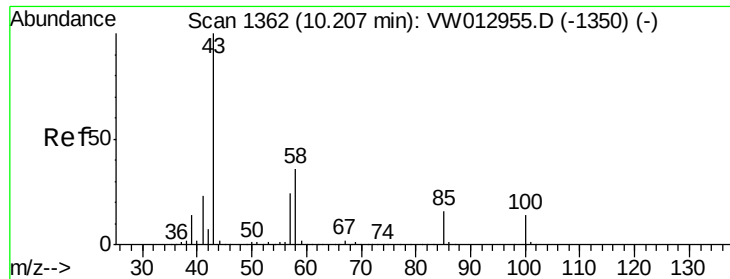
MMDadoda
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#50
Toluene-d8
Concen: 9.955 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	81511		
100	66.0	52.1	78.1	





#51

4-Methyl-2-Pentanone

Concen: 57.872 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 93831

Ion Ratio Lower Upper

43 100

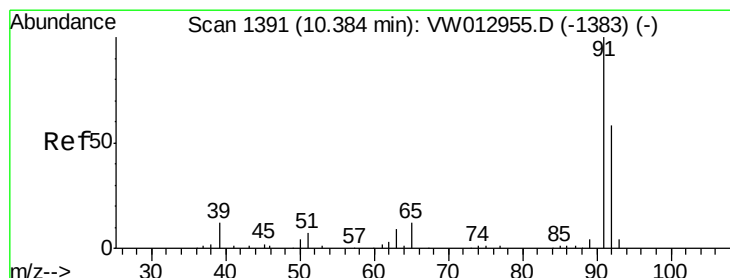
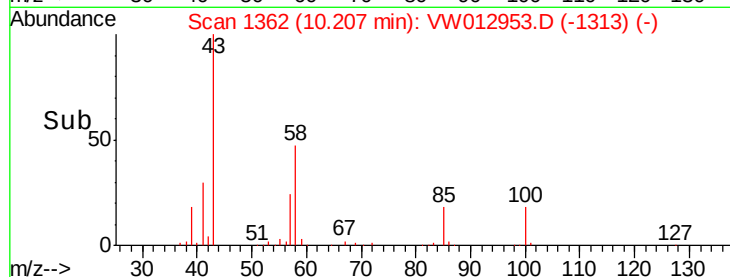
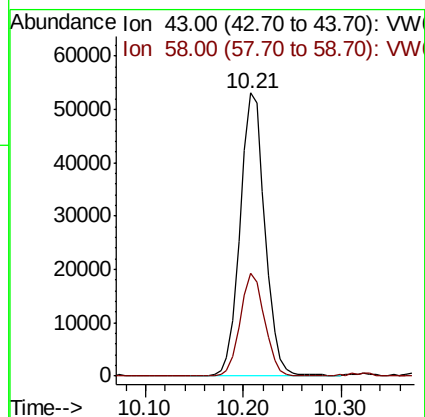
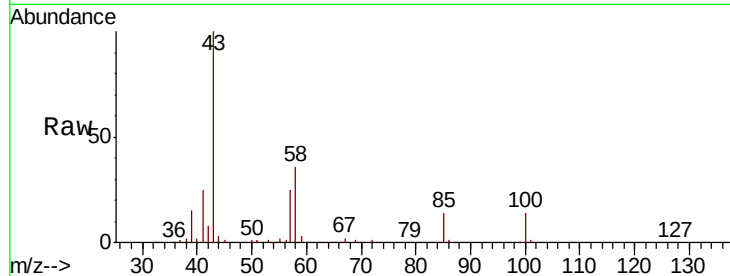
58 35.6 29.5 44.3

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 11.193 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW012953.D

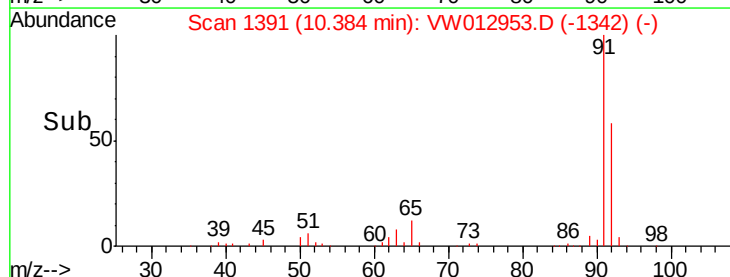
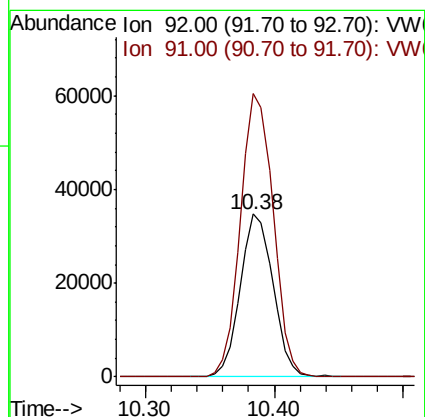
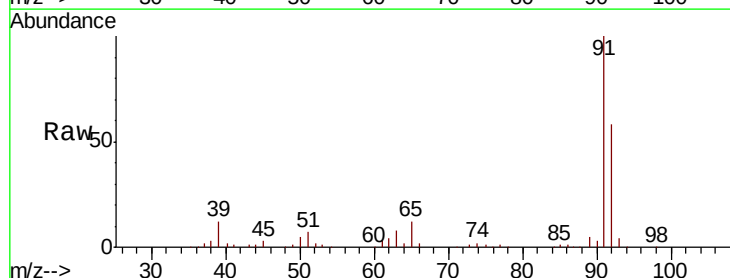
Acq: 13 Sep 2019 14:32

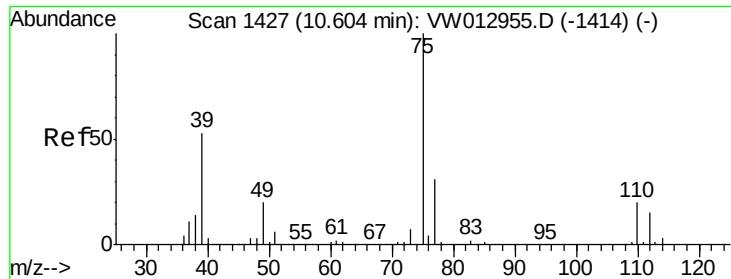
Tgt Ion: 92 Resp: 61185

Ion Ratio Lower Upper

92 100

91 174.0 137.5 206.3





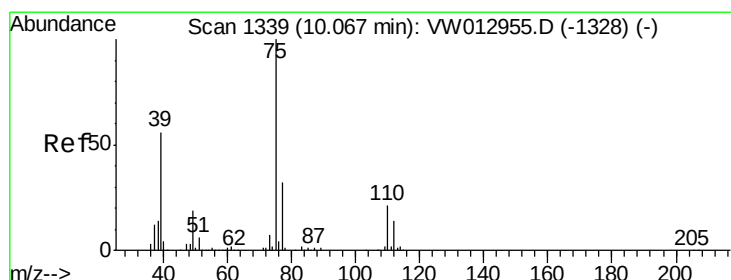
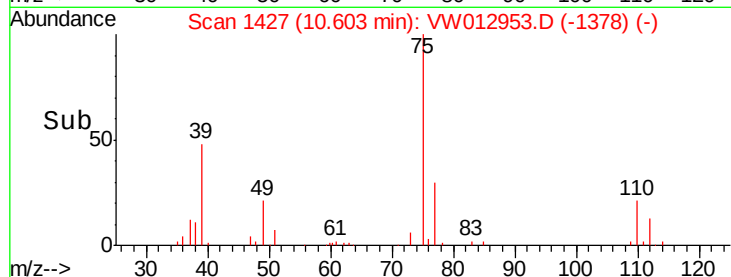
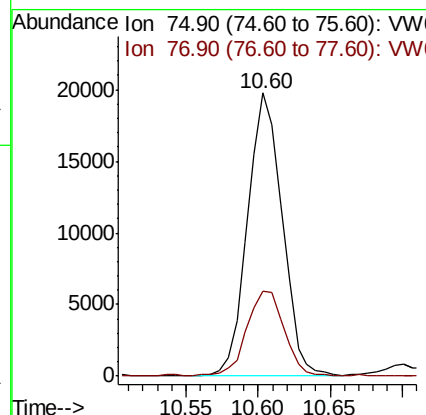
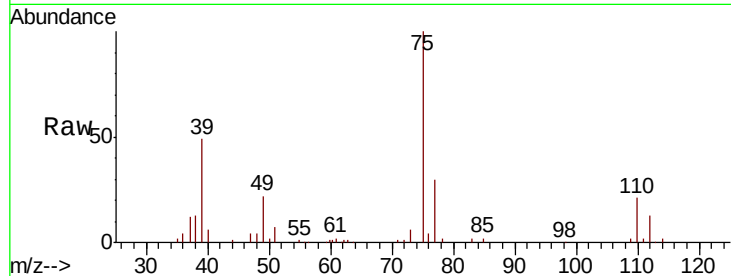
#53
 t-1,3-Dichloropropene
 Concen: 10.671 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW012953.D
 Acq: 13 Sep 2019 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 75 Resp: 32965
 Ion Ratio Lower Upper
 75 100
 77 29.6 24.6 37.0

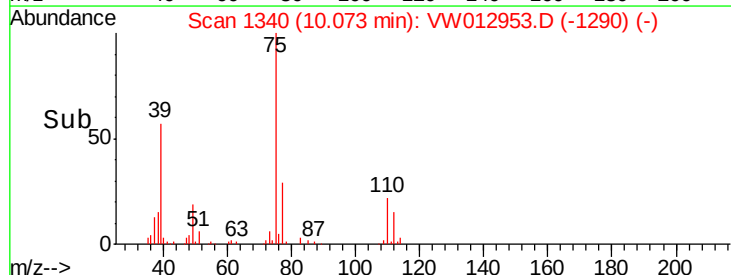
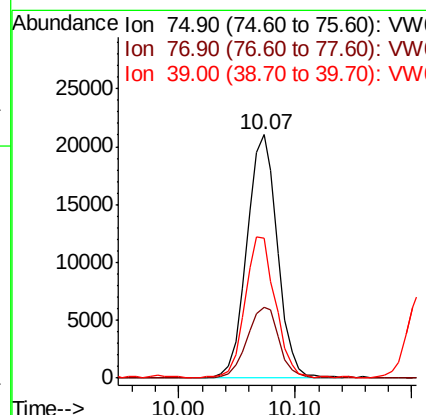
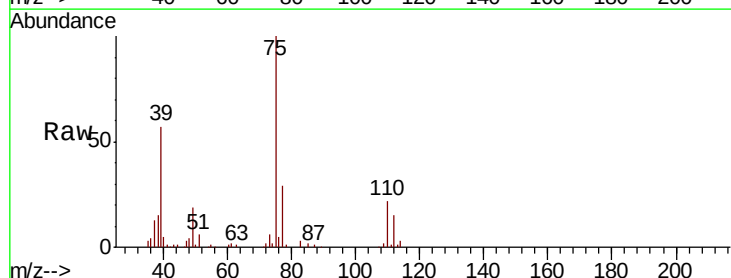
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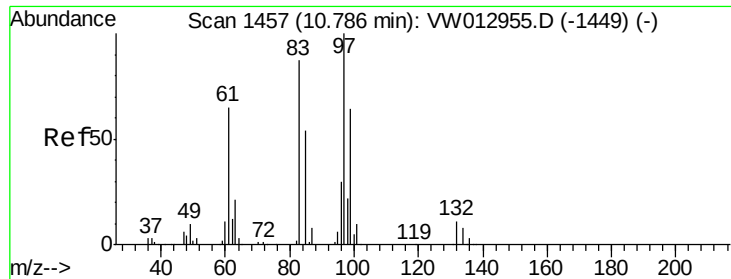
MMDadoda
 9/16/2019 12:44:08 AM



#54
 cis-1,3-Dichloropropene
 Concen: 10.897 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: VW012953.D
 Acq: 13 Sep 2019 14:32

Tgt Ion: 75 Resp: 38515
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.5 38.3
 39 57.2 45.0 67.6





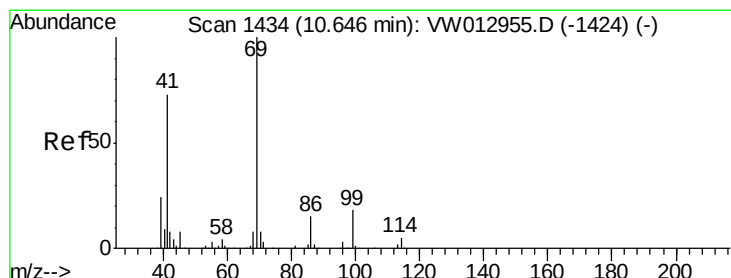
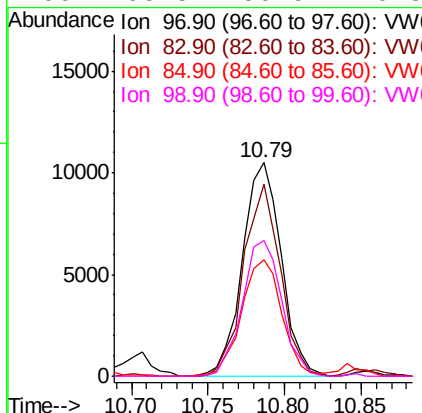
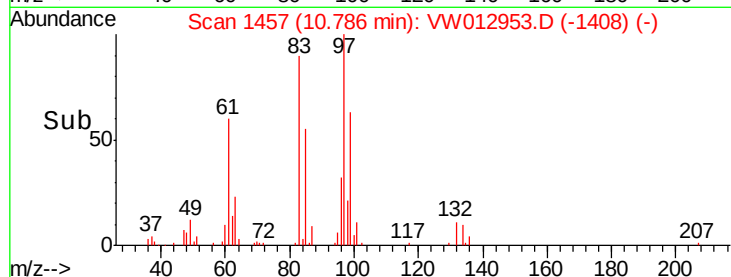
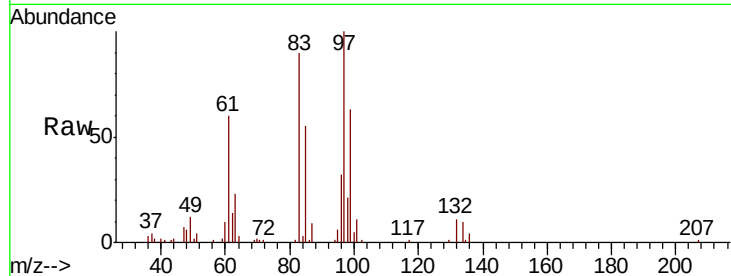
#55
 1,1,2-Trichloroethane
 Concen: 11.127 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012953.D
 Acq: 13 Sep 2019 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.0	69.4	104.0
85	54.6	43.3	64.9
99	63.5	50.9	76.3

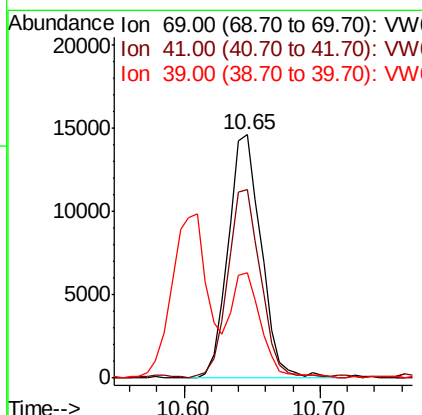
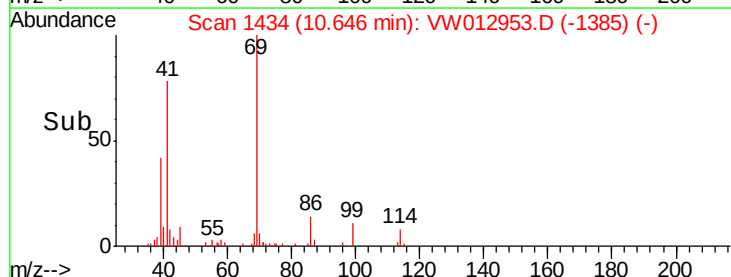
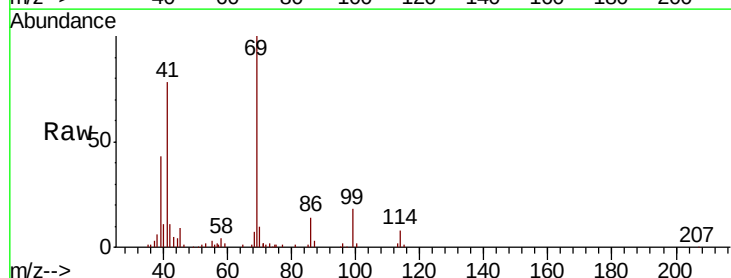
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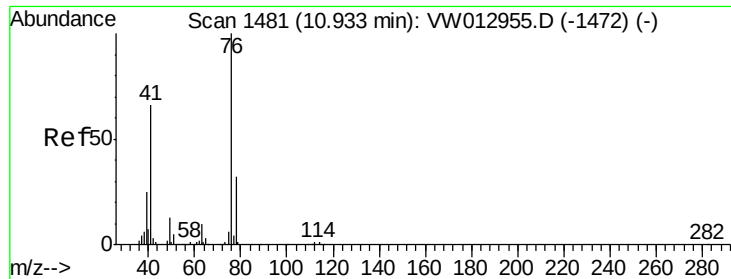
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#56
 Ethyl methacrylate
 Concen: 10.955 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012953.D
 Acq: 13 Sep 2019 14:32

Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.9	60.8	91.2
39	39.5	29.4	44.0





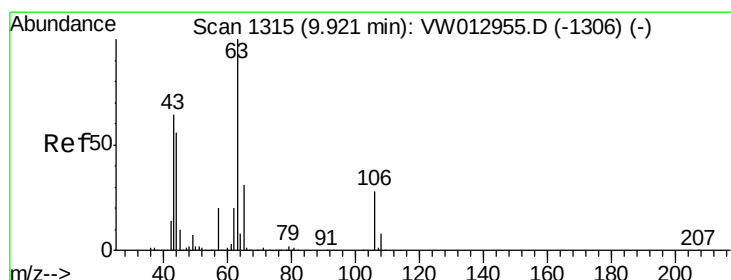
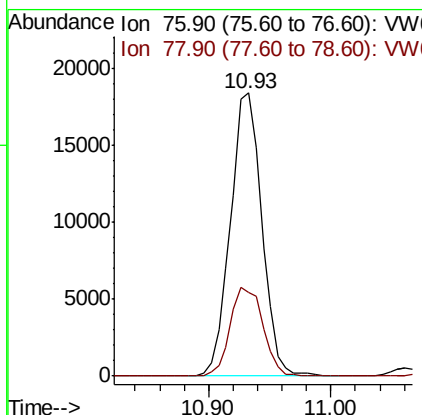
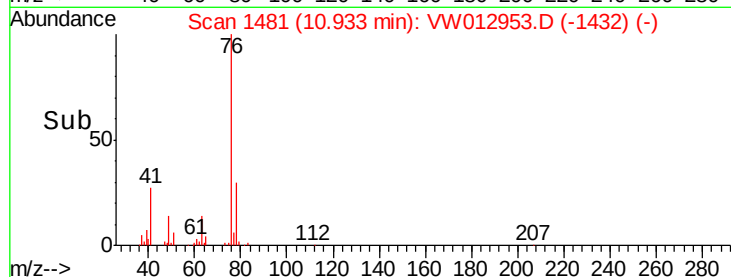
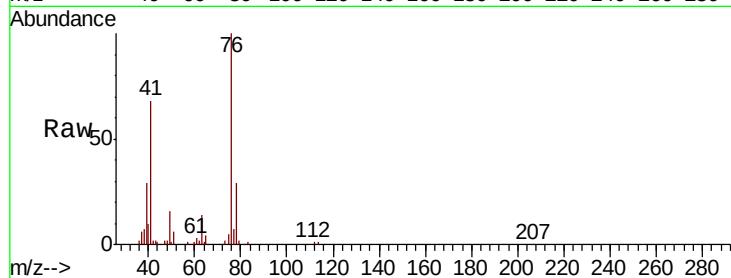
#57
 1,3-Dichloropropane
 Concen: 11.062 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012953.D
 Acq: 13 Sep 2019 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 76 Resp: 32734
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.6 38.4

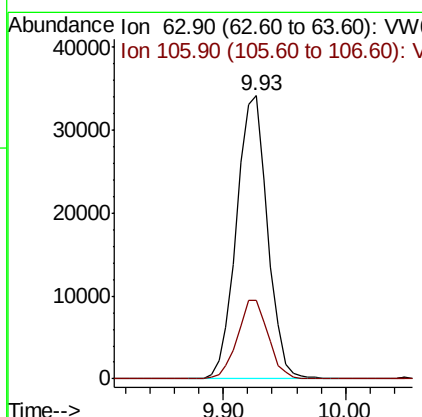
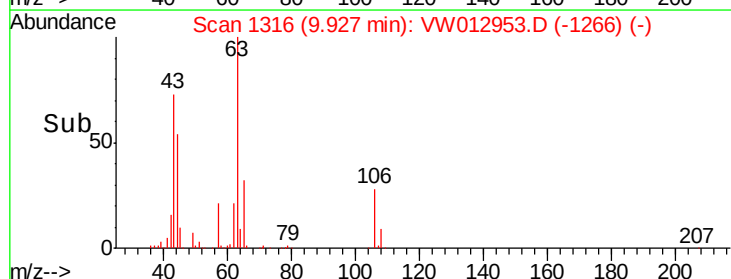
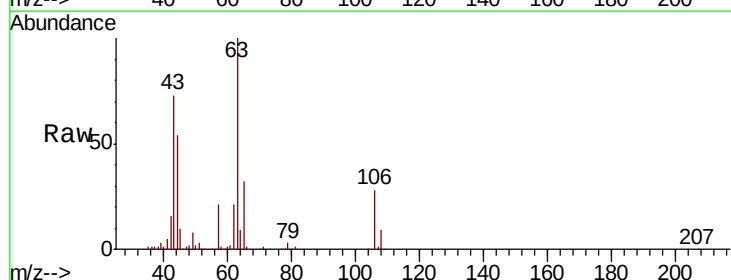
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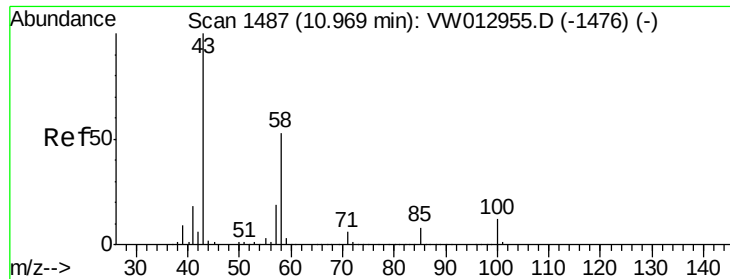
MMDadoda
 9/16/2019 12:44:08 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 49.658 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW012953.D
 Acq: 13 Sep 2019 14:32

Tgt Ion: 63 Resp: 59812
 Ion Ratio Lower Upper
 63 100
 106 27.8 22.2 33.2





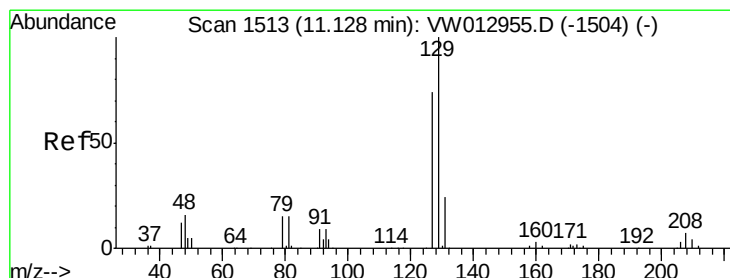
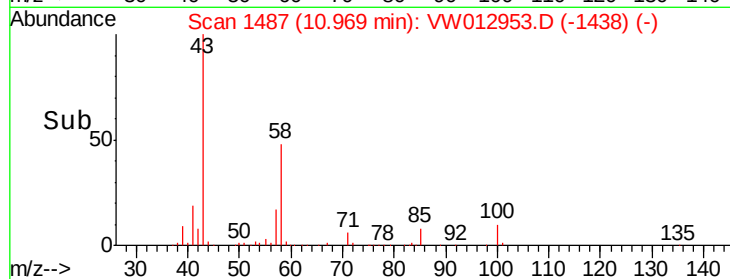
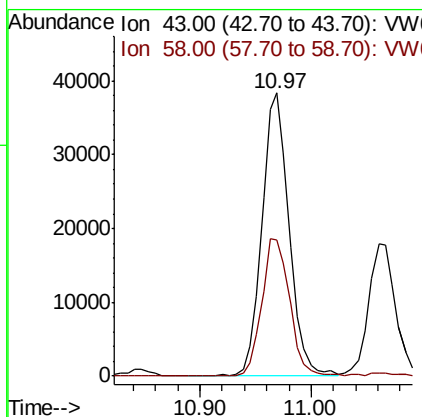
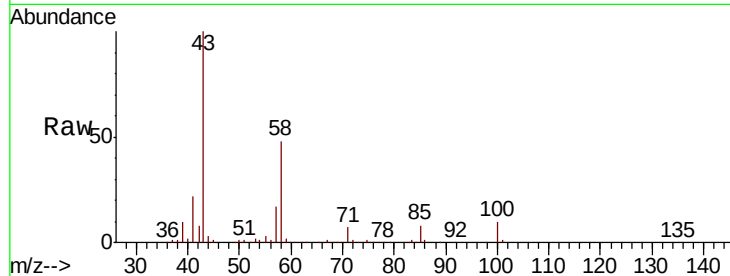
#59
2-Hexanone
Concen: 57.843 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 65303
Ion Ratio Lower Upper
43 100
58 49.5 25.8 77.3

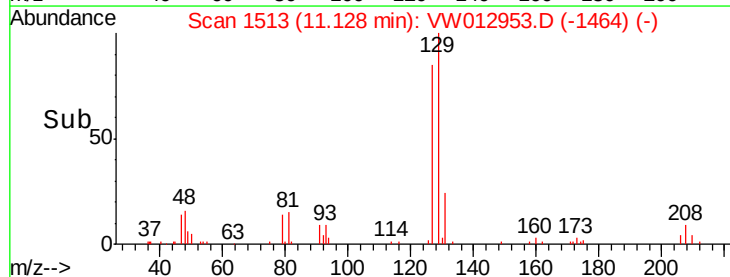
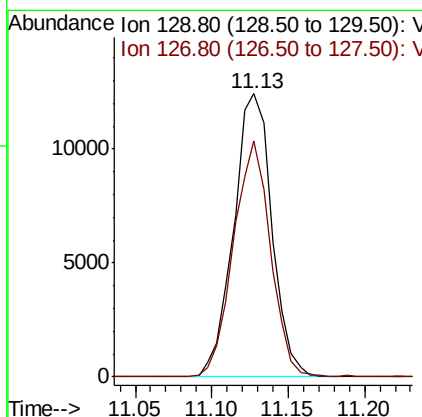
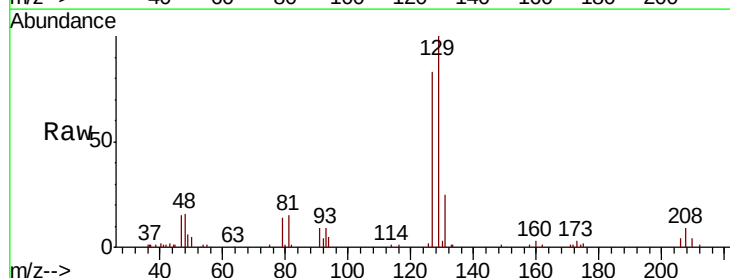
Manual Integrations
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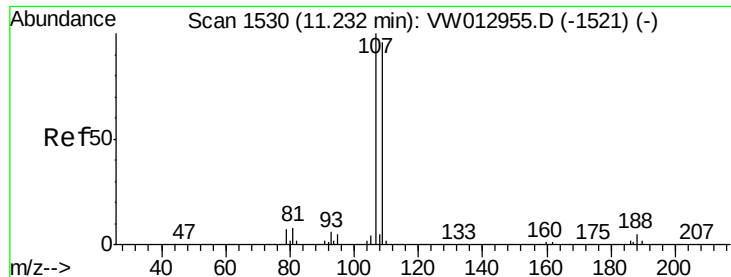
MMDadoda
9/16/2019 12:44:08 AM



#60
Dibromochloromethane
Concen: 10.684 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Tgt Ion: 129 Resp: 21547
Ion Ratio Lower Upper
129 100
127 80.5 37.4 112.2





#61

1,2-Dibromoethane

Concen: 11.191 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.01 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 107 Resp: 17030

Ion Ratio Lower Upper

107 100

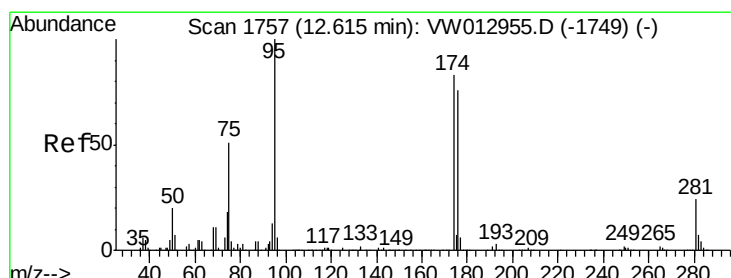
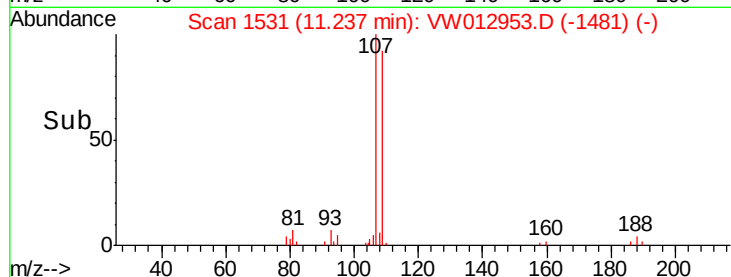
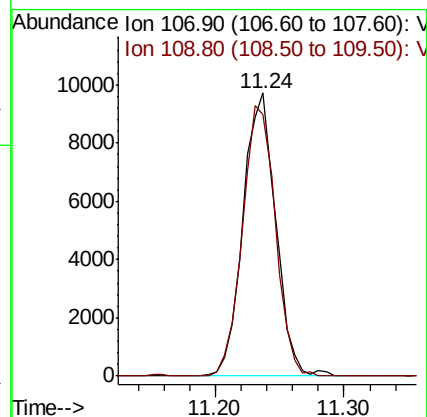
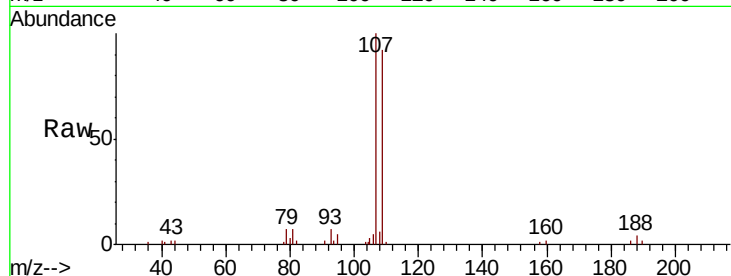
109 96.4 75.0 112.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 10.141 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

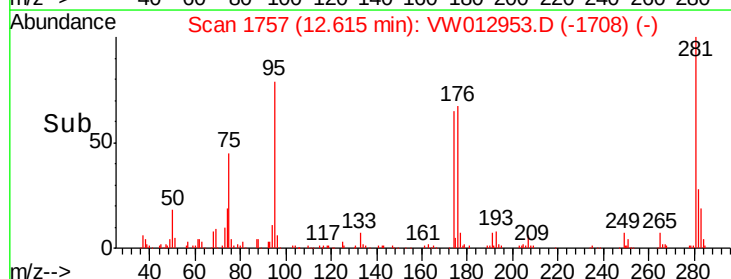
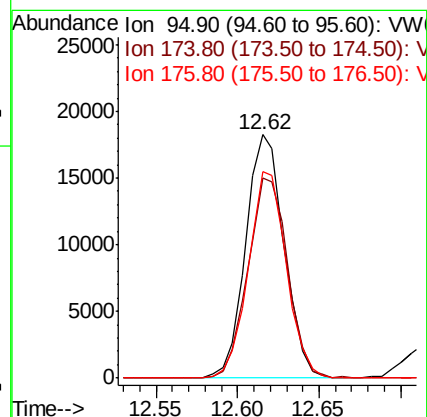
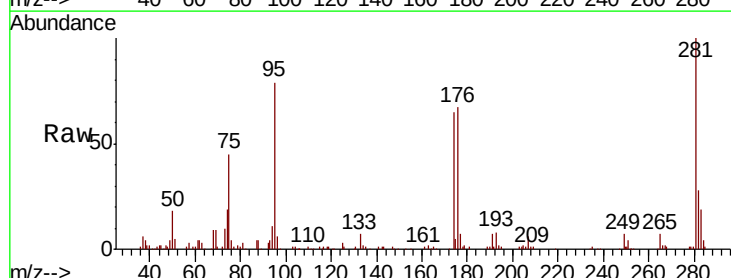
Tgt Ion: 95 Resp: 29858

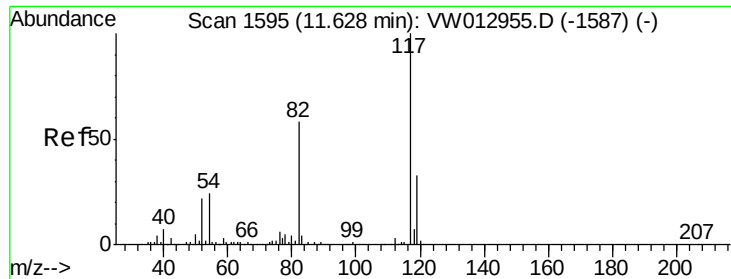
Ion Ratio Lower Upper

95 100

174 85.0 0.0 170.4

176 83.8 0.0 164.6





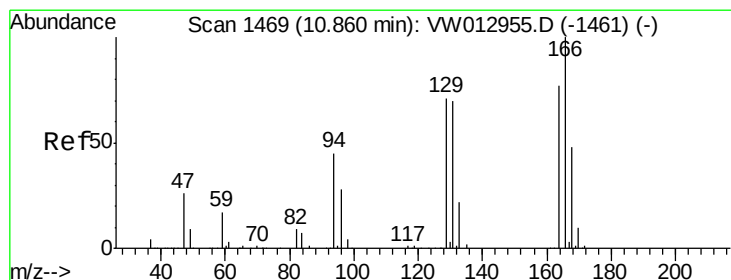
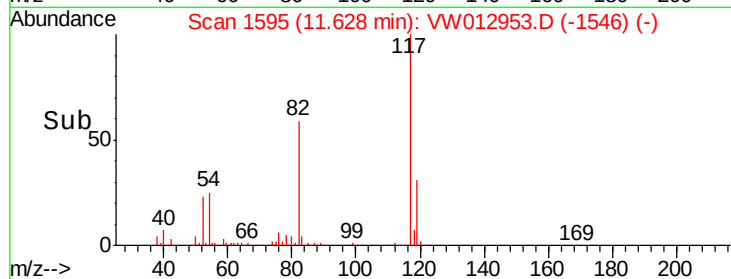
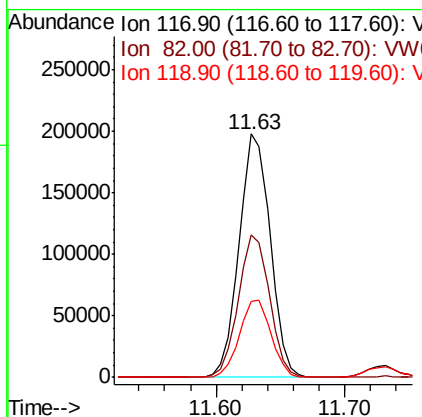
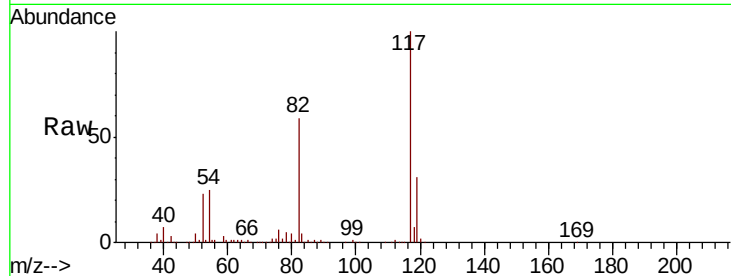
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	331195		
82	58.7	46.3	69.5	
119	31.3	26.2	39.4	

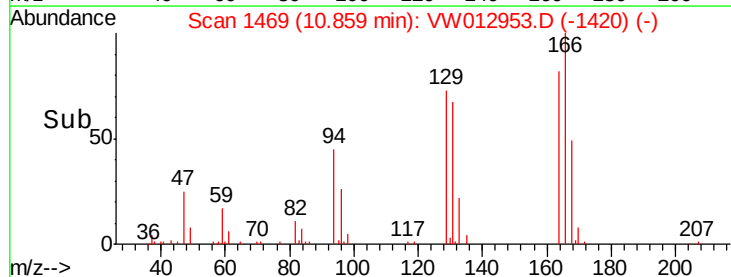
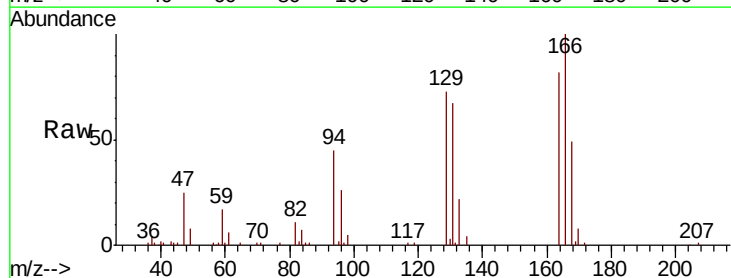
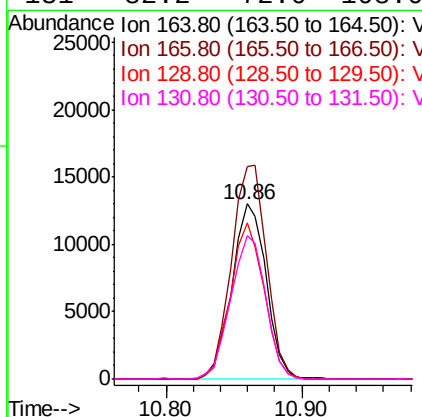
Manual Integrations
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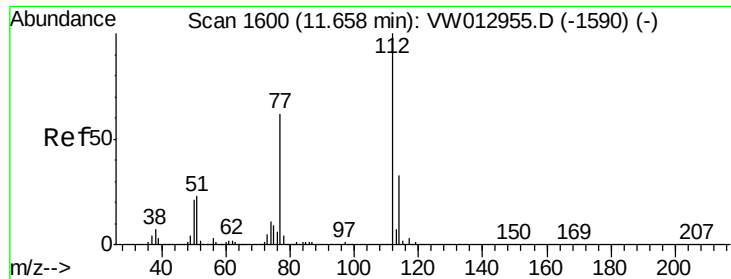
MMDadoda
9/16/2019 12:44:08 AM



#64
Tetrachloroethene
Concen: 11.534 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	22725		
166	121.9	103.3	154.9	
129	89.1	73.8	110.8	
131	82.2	72.0	108.0	





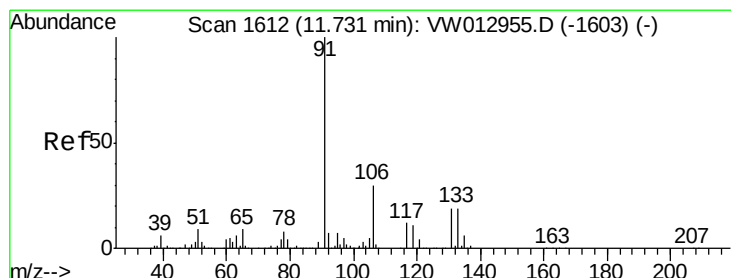
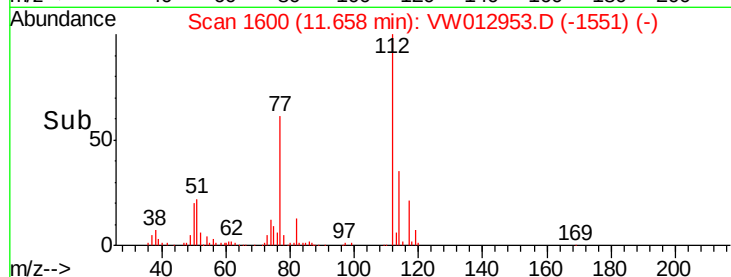
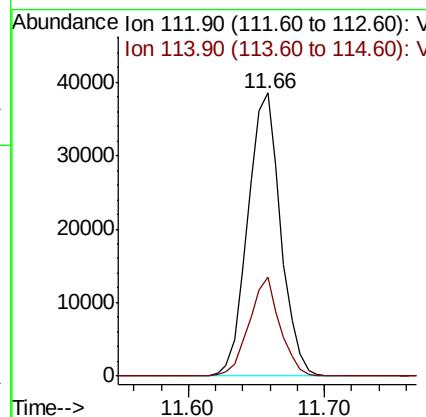
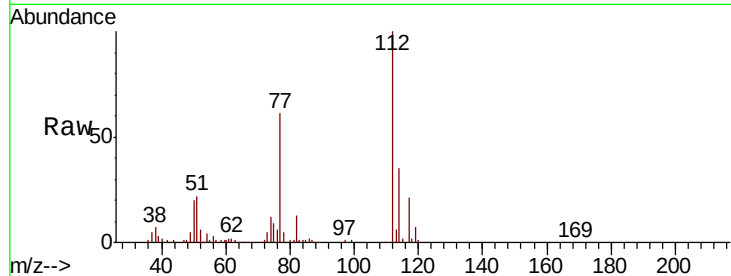
#65
Chlorobenzene
Concen: 11.030 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 65069
Ion Ratio Lower Upper
112 100
114 34.9 26.4 39.6

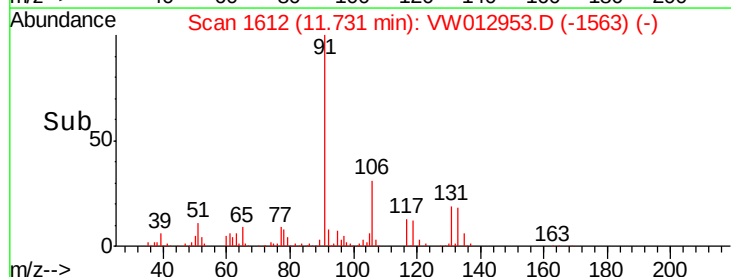
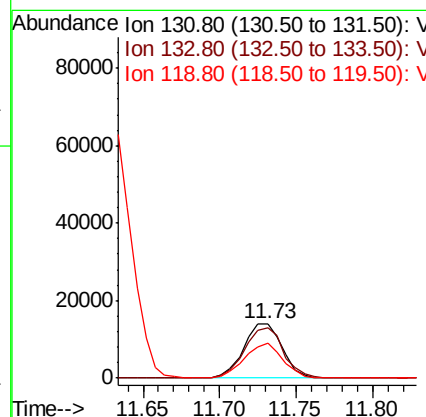
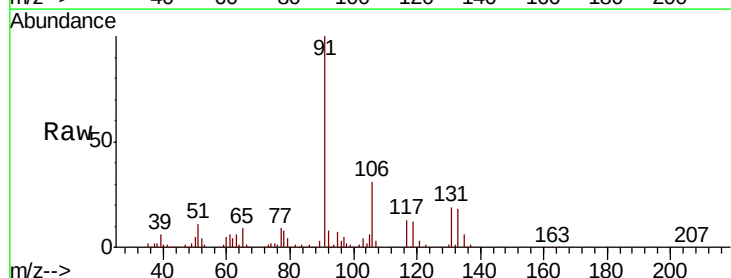
Manual Integrations
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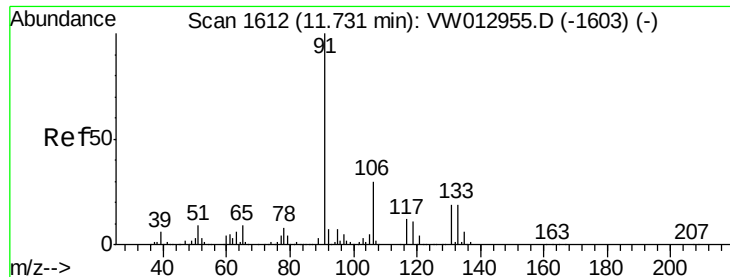
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 10.867 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Tgt Ion:131 Resp: 24567
Ion Ratio Lower Upper
131 100
133 93.4 47.9 143.8
119 62.8 30.9 92.7





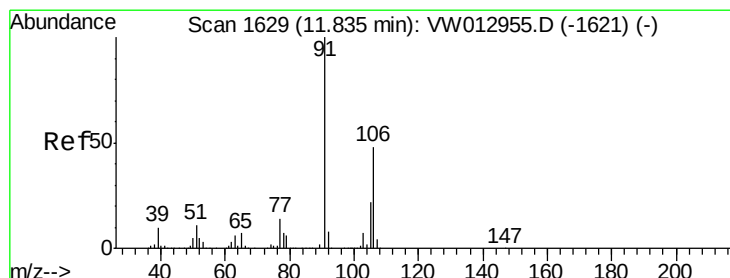
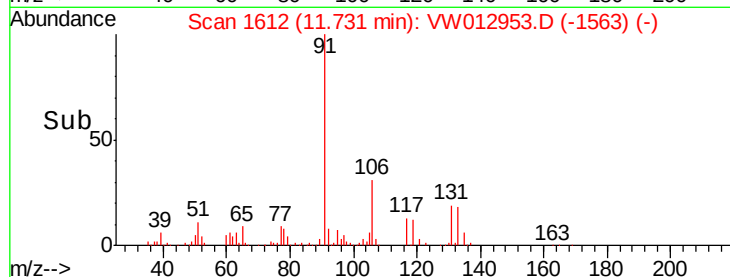
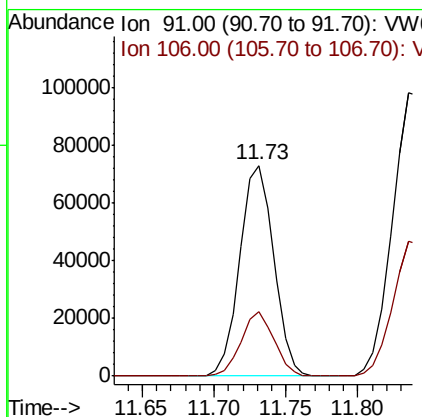
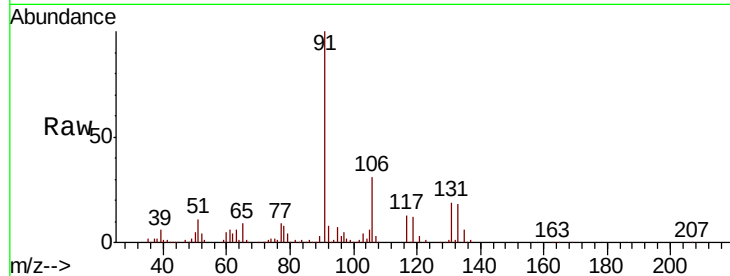
#67
Ethyl Benzene
Concen: 10.976 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 119586
Ion Ratio Lower Upper
91 100
106 30.7 24.3 36.5

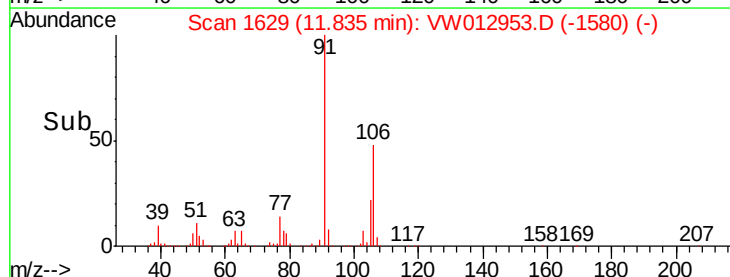
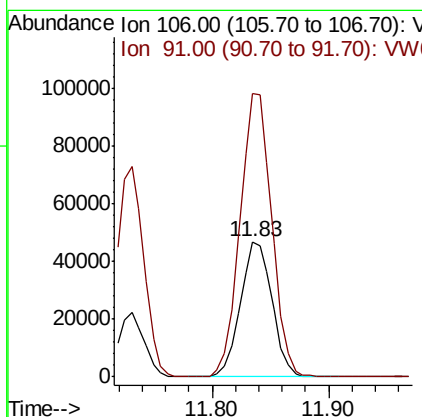
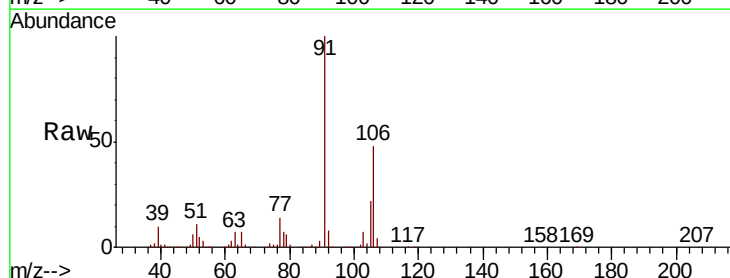
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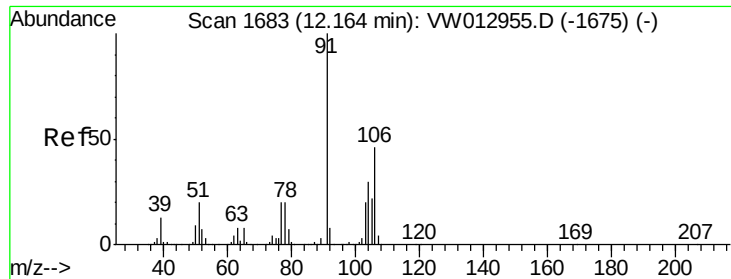
MMDadoda
9/16/2019 12:44:08 AM



#68
m/p-Xylenes
Concen: 22.259 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Tgt Ion: 106 Resp: 88597
Ion Ratio Lower Upper
106 100
91 209.9 165.8 248.8





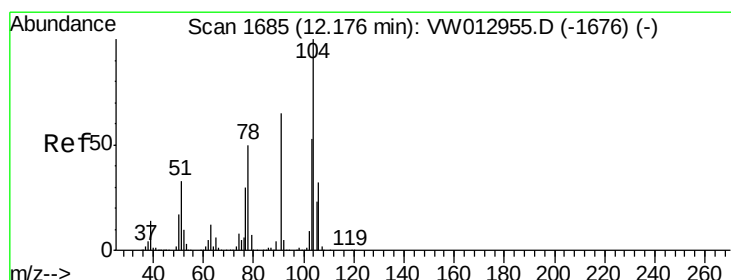
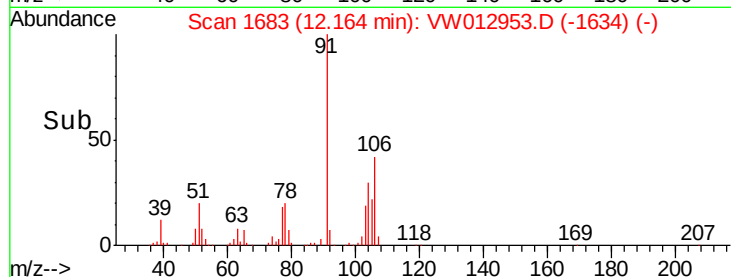
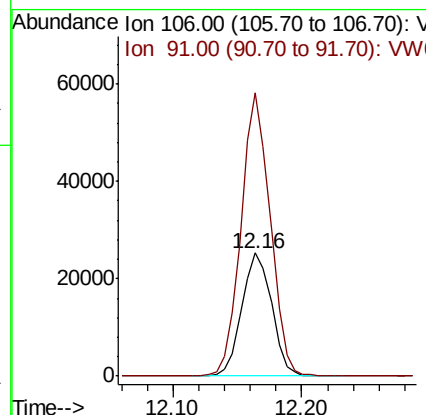
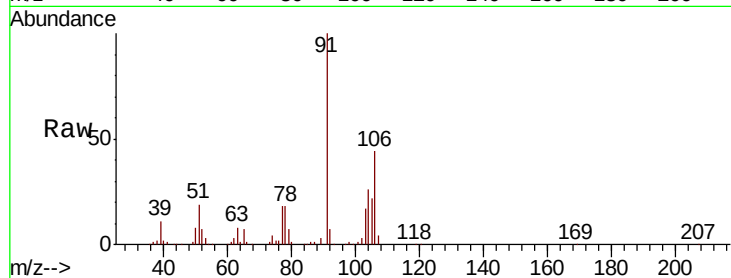
#69
o-Xylene
Concen: 10.852 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 40493
Ion Ratio Lower Upper
106 100
91 224.3 109.7 329.0

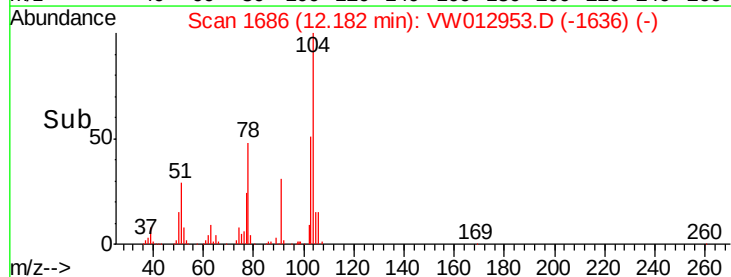
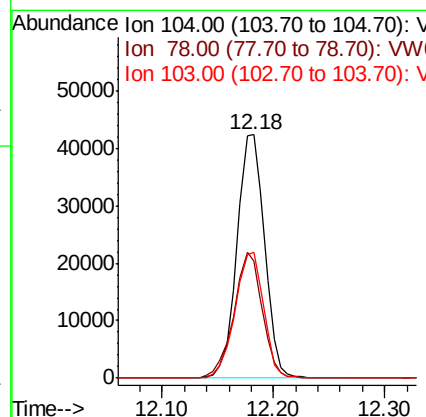
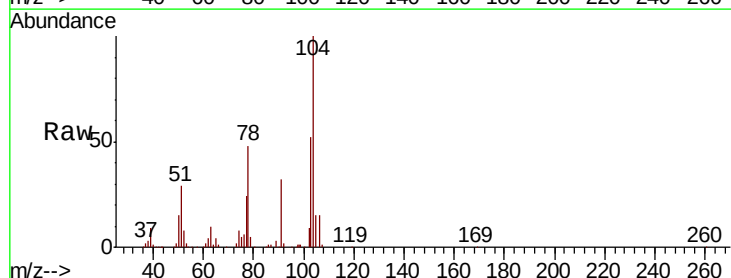
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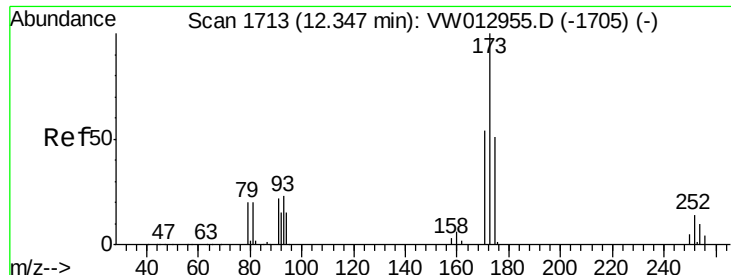
MMDadoda
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#70
Styrene
Concen: 10.968 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Tgt Ion:104 Resp: 72808
Ion Ratio Lower Upper
104 100
78 53.2 42.1 63.1
103 53.7 44.2 66.4





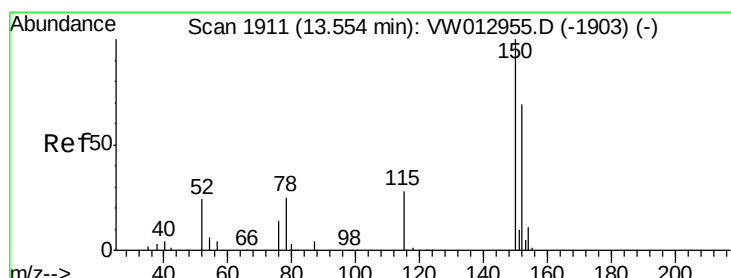
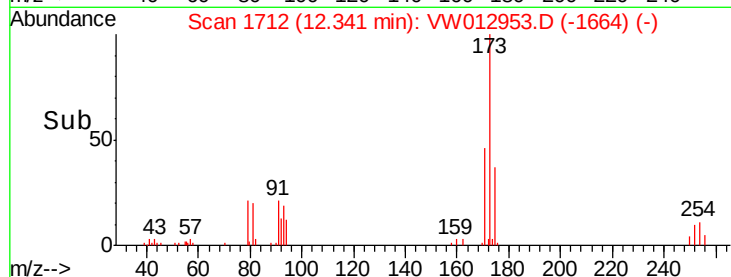
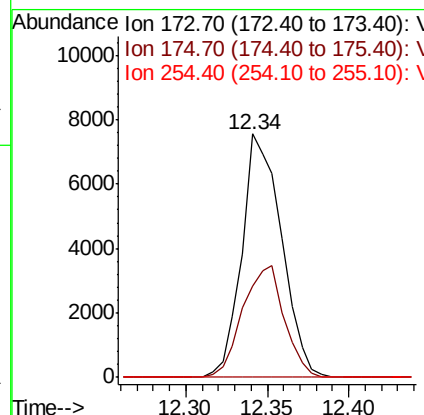
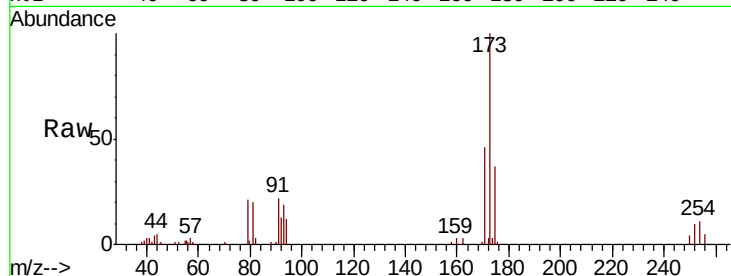
#71
Bromoform
Concen: 10.792 ug/l
RT: 12.34 min Scan# 1712
Delta R.T. -0.01 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.2	72.6
254	0.0	0.1	0.1#

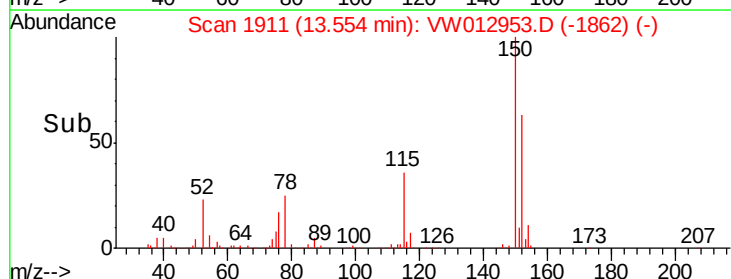
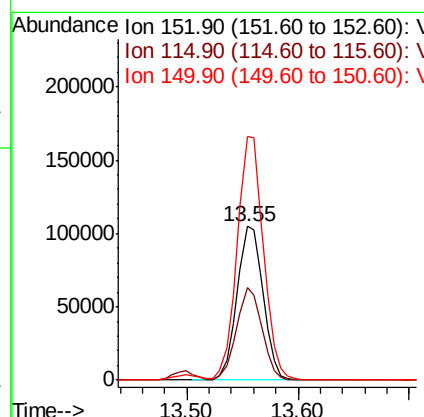
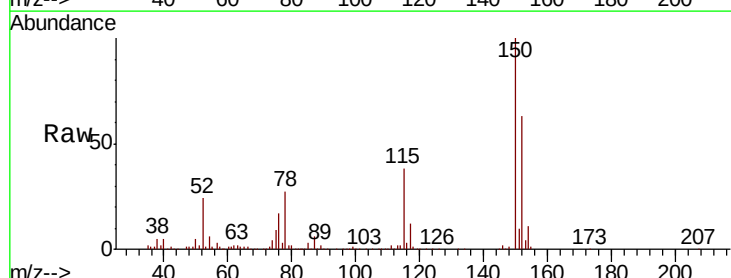
Manual Integrations
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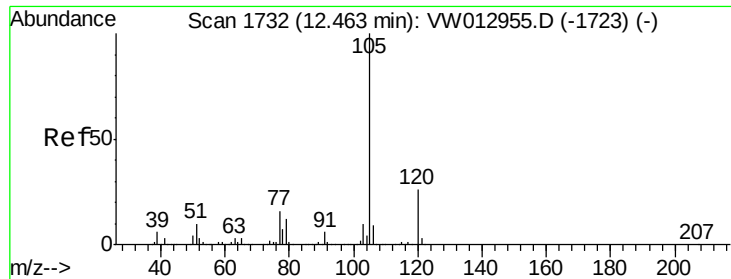
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.8	86.4
150	159.7	0.0	340.2





#73

Isopropylbenzene

Concen: 10.756 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 105 Resp: 121318

Ion Ratio Lower Upper

105 100

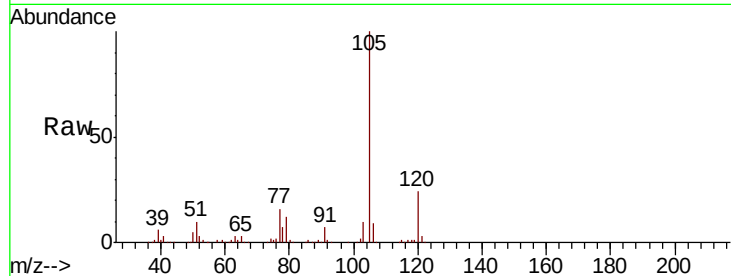
120 25.4 13.0 39.0

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

80000

60000

40000

20000

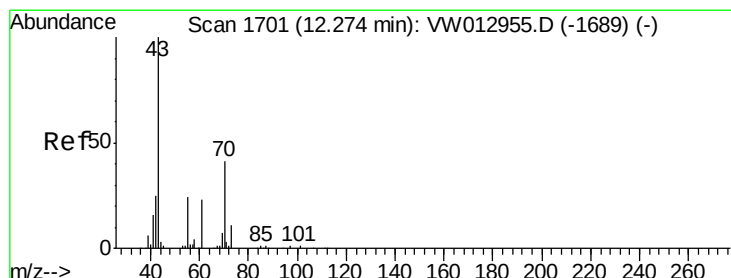
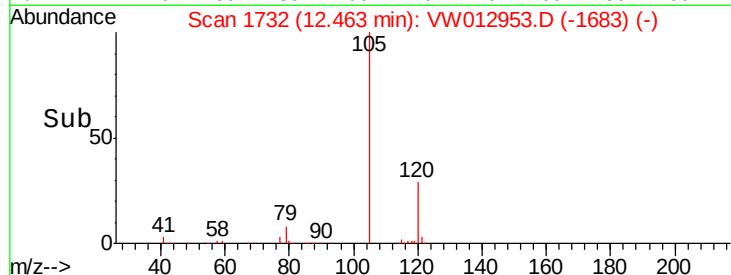
0

12.46

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 10.617 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

Tgt Ion: 43 Resp: 30804

Ion Ratio Lower Upper

43 100

70 40.6 31.7 47.5

55 25.9 19.4 29.2

61 23.0 18.7 28.1

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

30000

25000

20000

15000

10000

5000

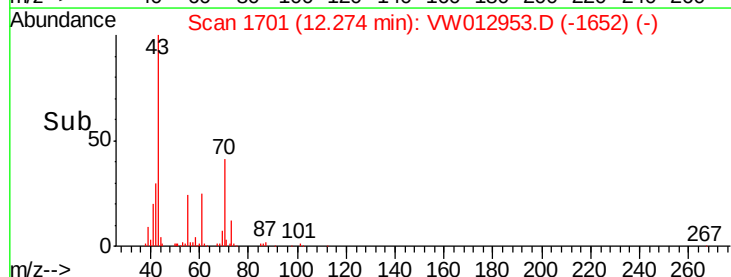
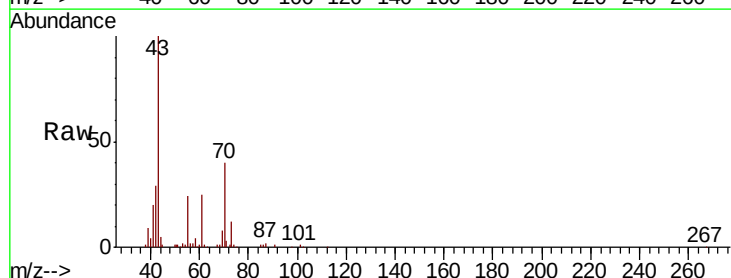
0

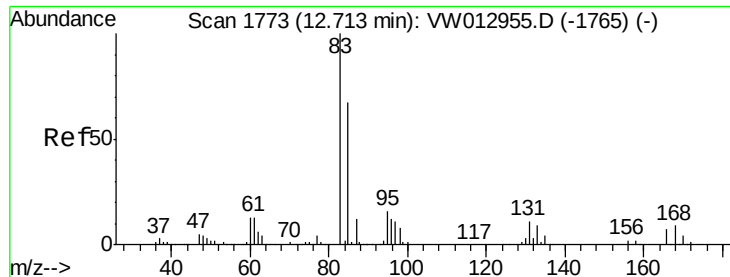
12.27

12.20

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 11.088 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 83 Resp: 21967

Ion Ratio Lower Upper

83 100

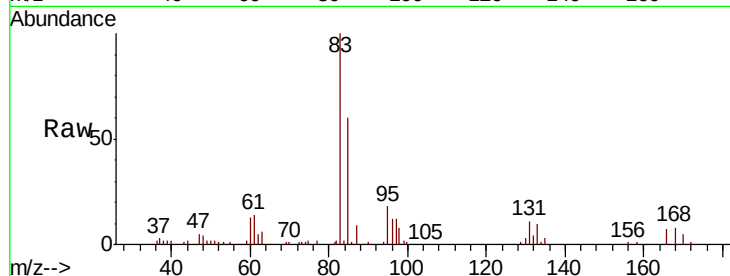
131 11.4 5.7 17.1

85 66.0 31.4 94.3

Manual Integrations
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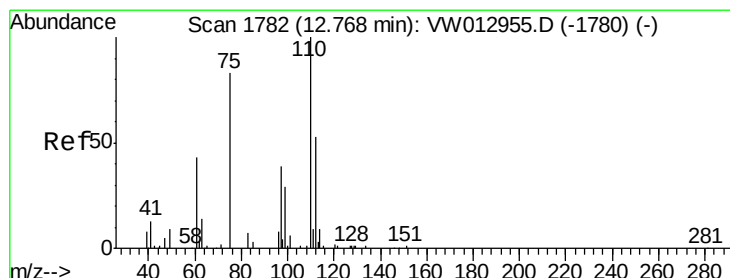
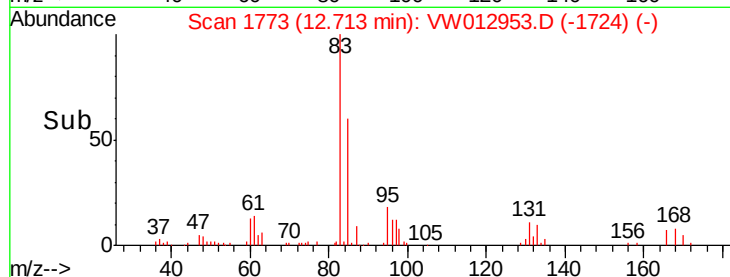
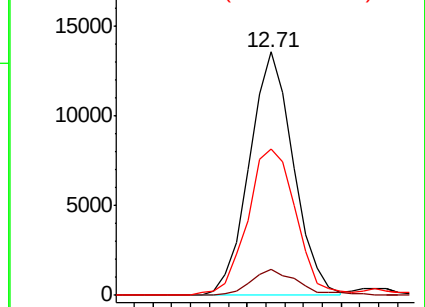
9/16/2019 12:44:08 AM



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 11.141 ug/l m

RT: 12.76 min Scan# 1781

Delta R.T. -0.01 min

Lab File: VW012953.D

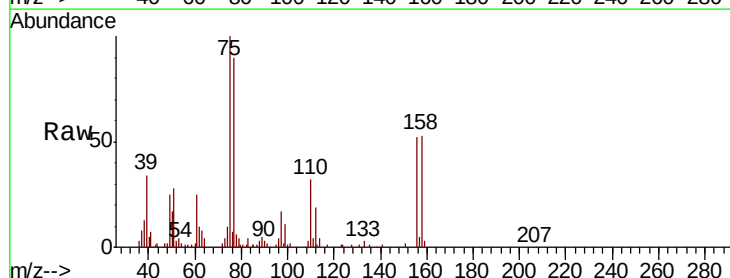
Acq: 13 Sep 2019 14:32

Tgt Ion: 75 Resp: 15996

Ion Ratio Lower Upper

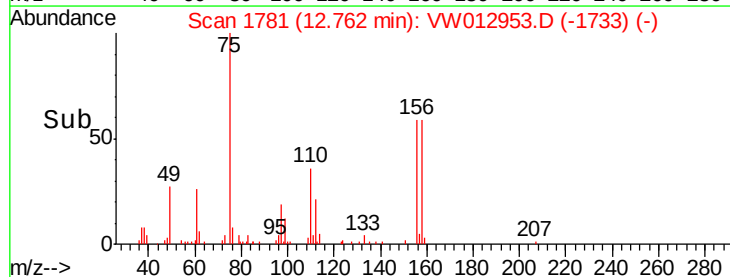
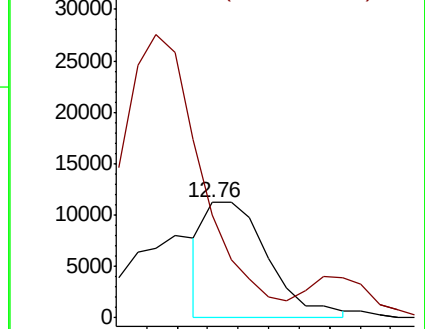
75 100

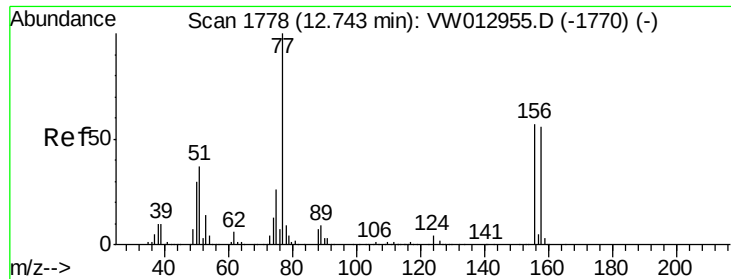
77 323.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 10.716 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

Instrument :

MSVOA_W

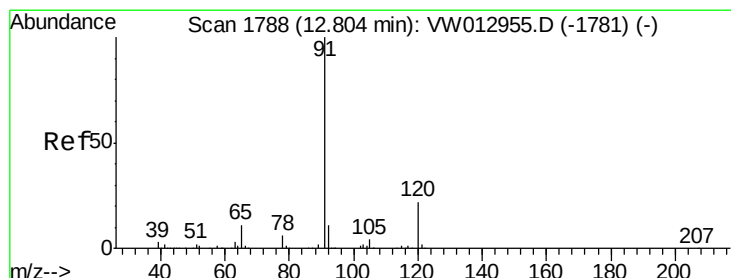
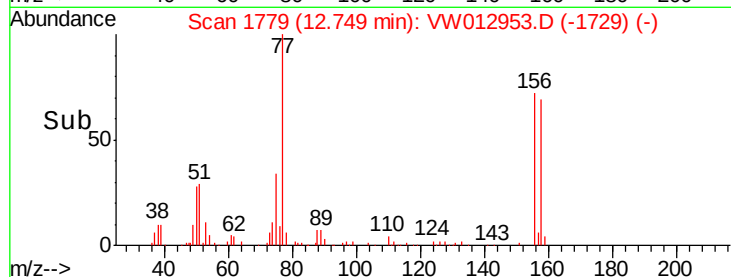
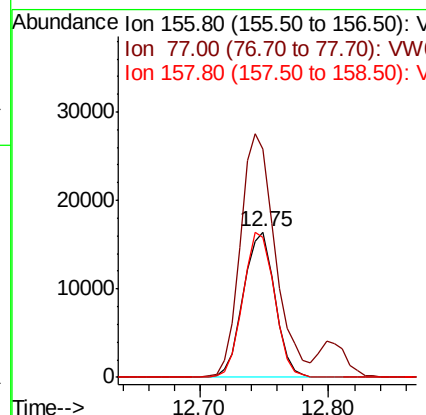
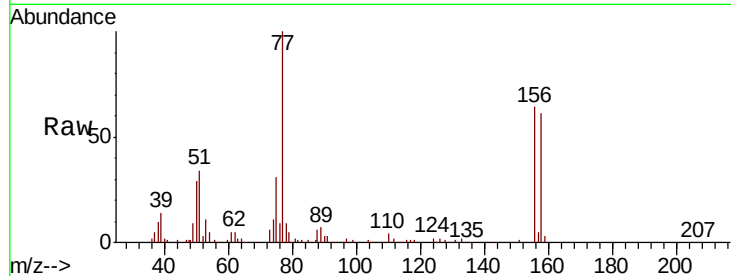
ClientSampleId :

VSTDIC010

Tgt Ion	Ratio	Lower	Upper
156	100		
77	185.9	95.2	285.6
158	98.6	49.0	147.2

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#78

n-propylbenzene

Concen: 10.780 ug/l

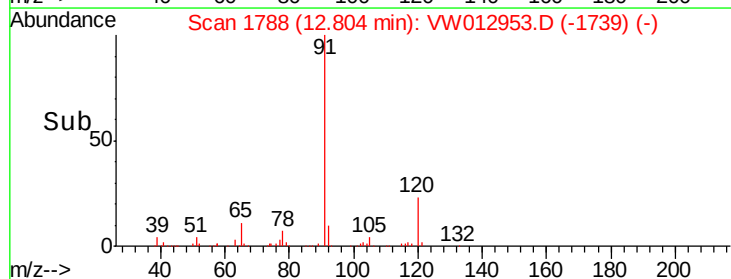
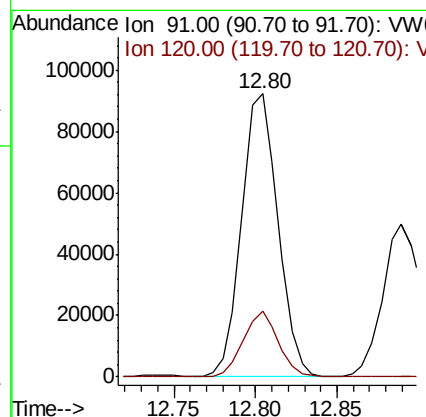
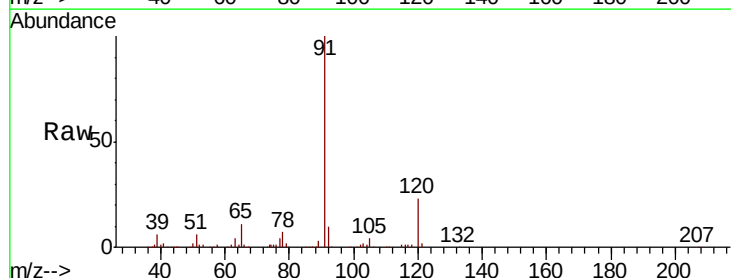
RT: 12.80 min Scan# 1788

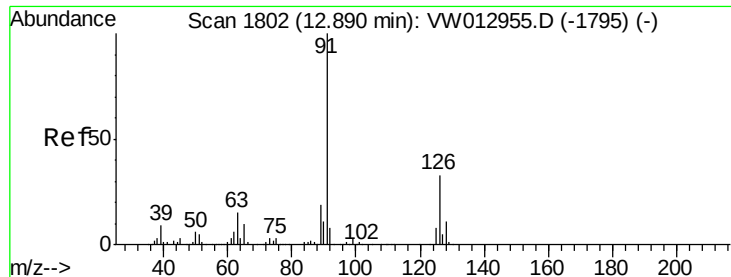
Delta R.T. -0.00 min

Lab File: VW012953.D

Acq: 13 Sep 2019 14:32

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.5





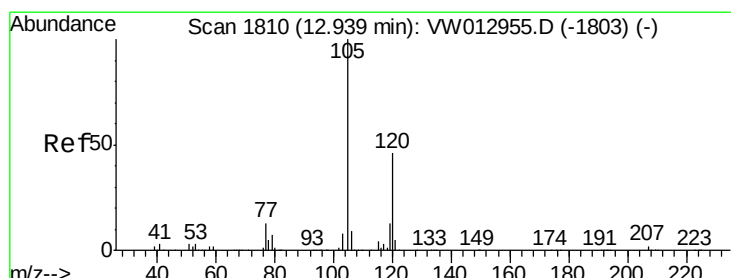
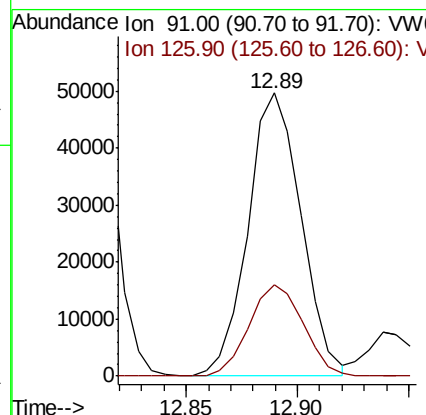
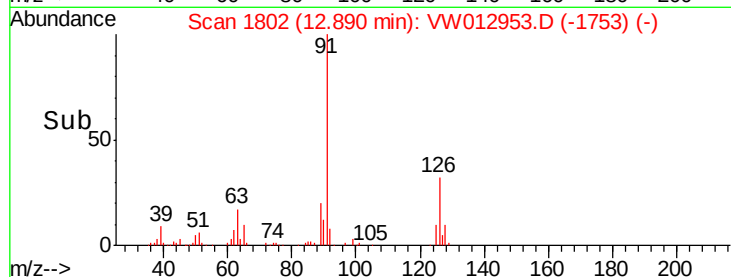
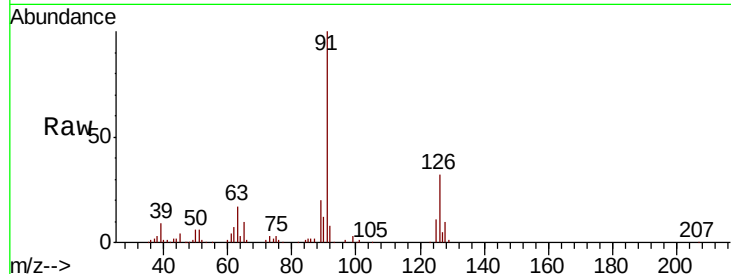
#79
2-Chlorotoluene
Concen: 10.745 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 81954
Ion Ratio Lower Upper
91 100
126 33.2 16.5 49.5

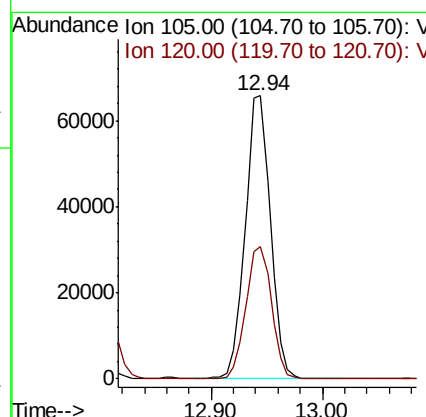
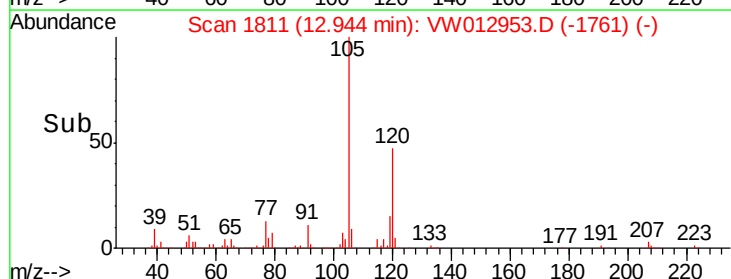
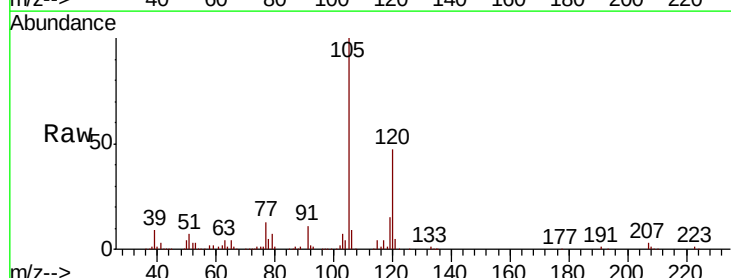
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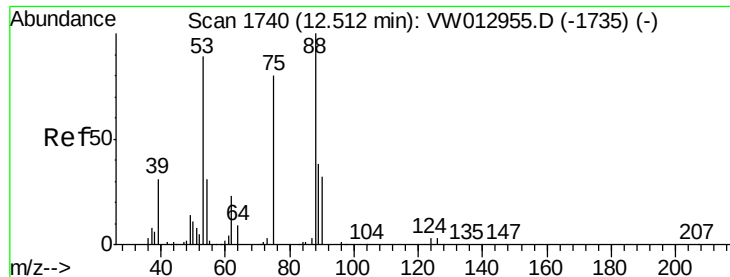
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#80
1,3,5-Trimethylbenzene
Concen: 10.824 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Tgt Ion: 105 Resp: 103287
Ion Ratio Lower Upper
105 100
120 47.8 24.2 72.6





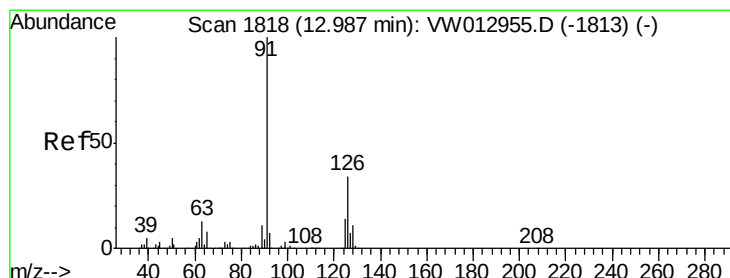
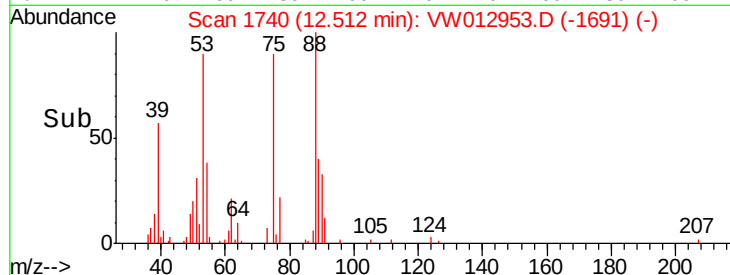
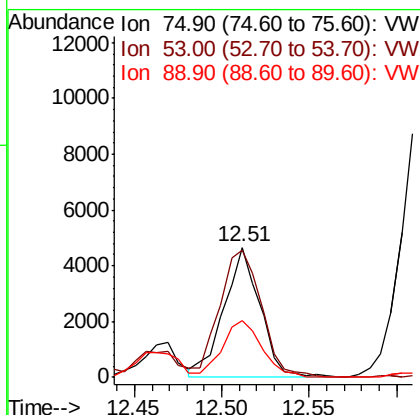
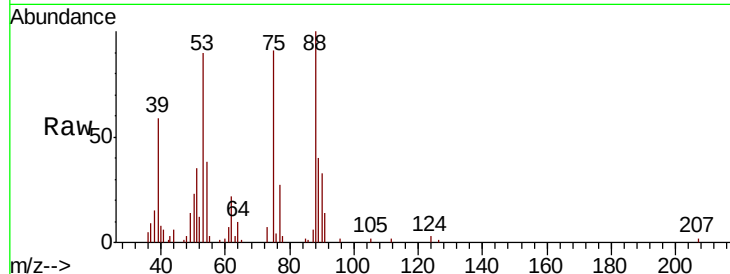
#81
trans-1,4-Dichloro-2-butene
Concen: 10.233 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
75	100		
53	111.8	85.6	128.4
89	47.0	37.2	55.8

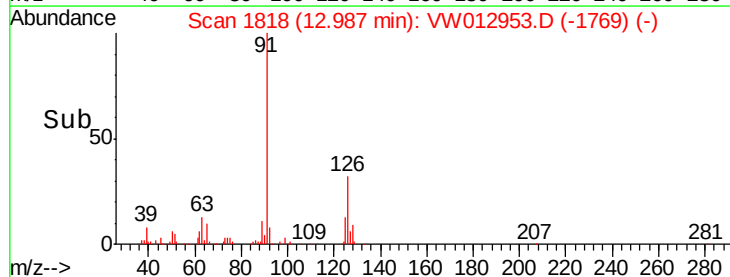
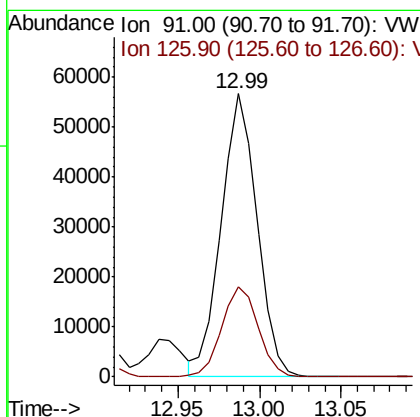
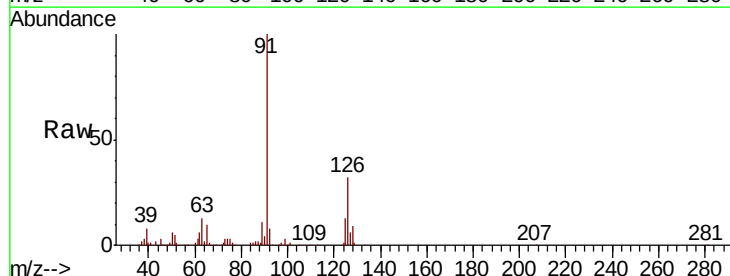
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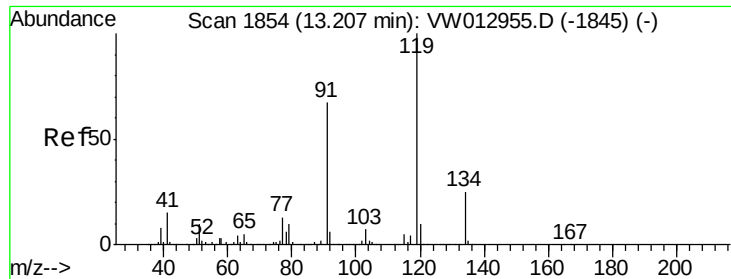
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#82
4-Chlorotoluene
Concen: 10.795 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.1	48.3





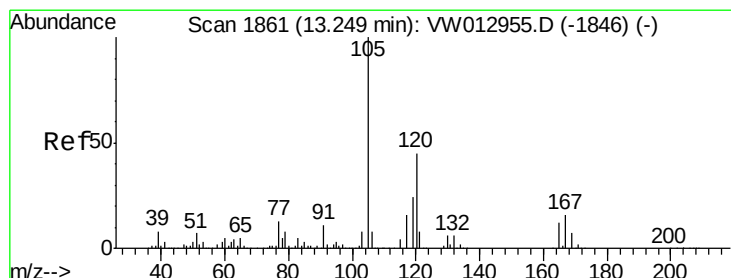
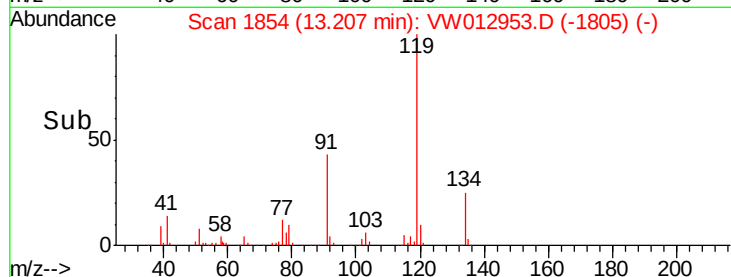
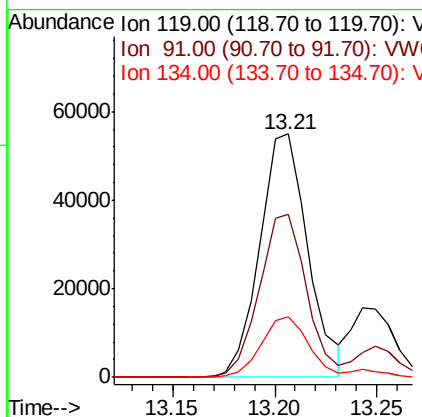
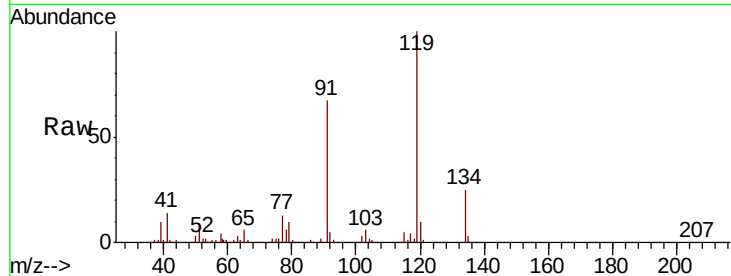
#83
 tert-Butylbenzene
 Concen: 10.619 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012953.D
 Acq: 13 Sep 2019 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Lower	Upper
119	100		
91	65.8	32.6	98.0
134	24.8	12.4	37.4

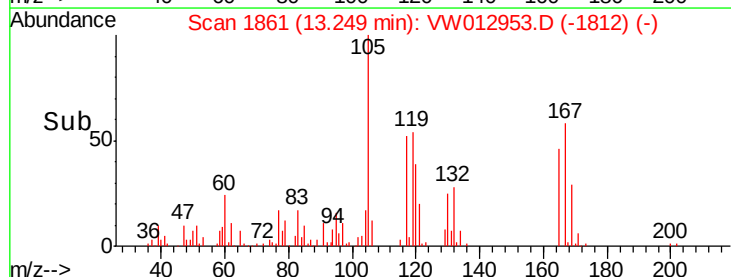
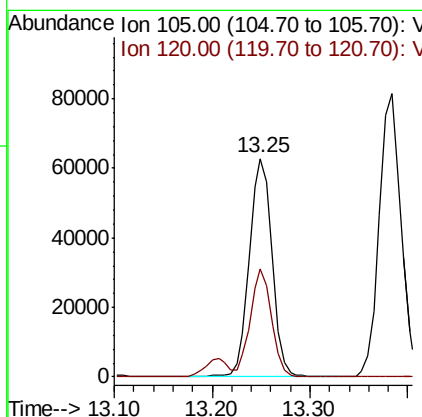
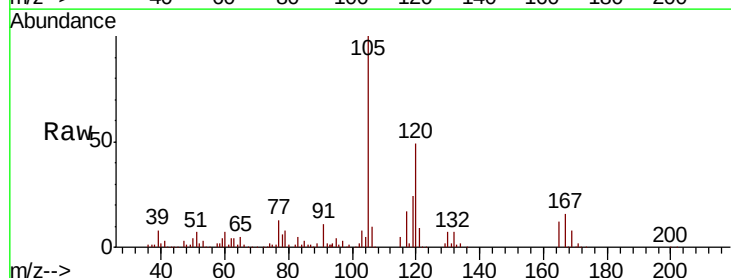
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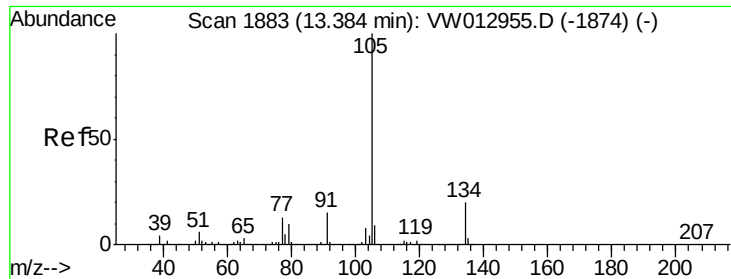
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#84
 1,2,4-Trimethylbenzene
 Concen: 10.744 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012953.D
 Acq: 13 Sep 2019 14:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	21.9	65.7





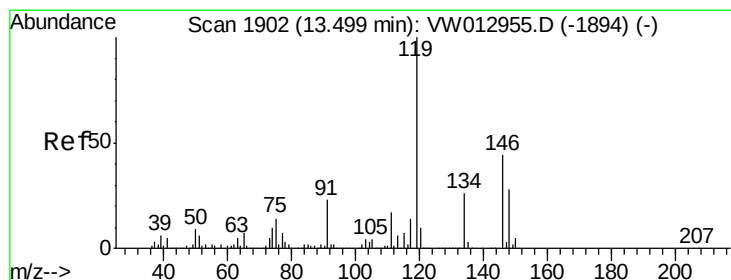
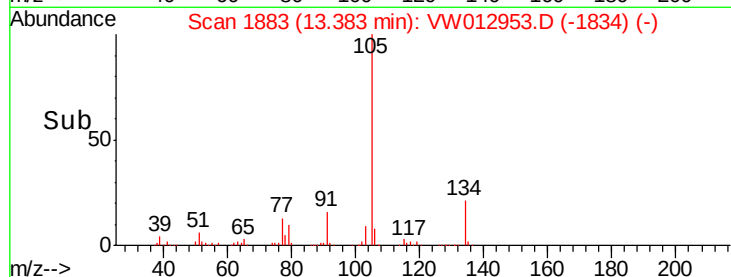
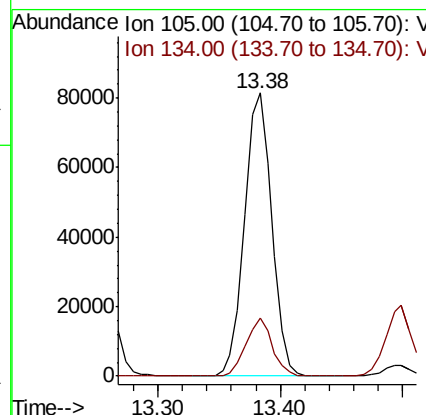
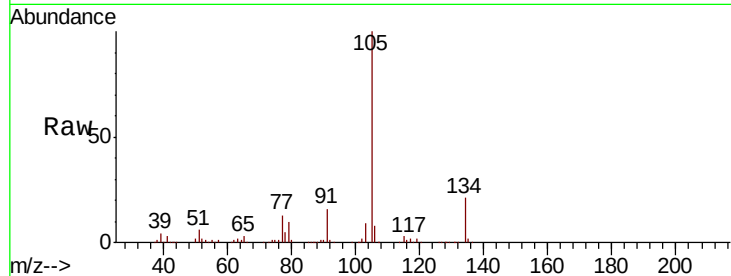
#85
 sec-Butylbenzene
 Concen: 10.811 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012953.D
 Acq: 13 Sep 2019 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.2	30.4

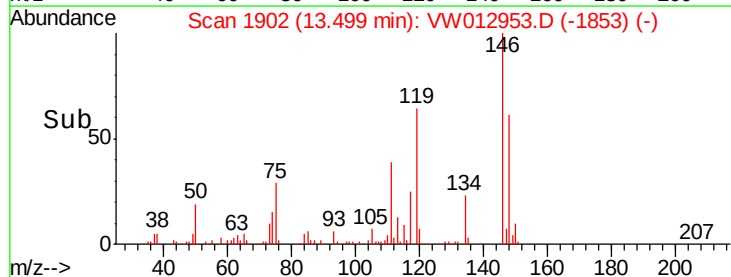
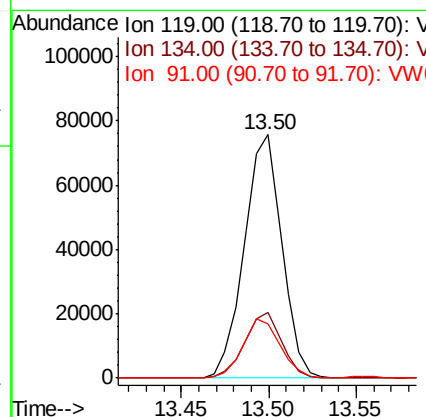
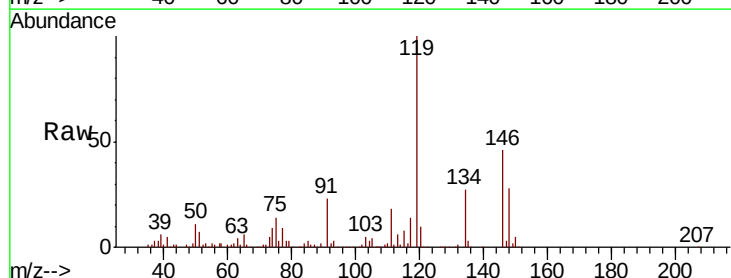
Manual Integrations
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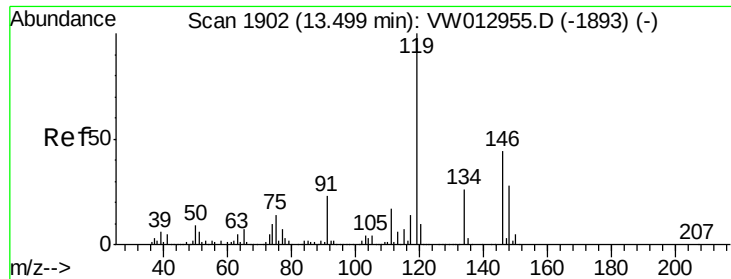
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#86
 p-Isopropyltoluene
 Concen: 10.605 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012953.D
 Acq: 13 Sep 2019 14:32

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	12.8	38.3
91	24.6	11.8	35.4





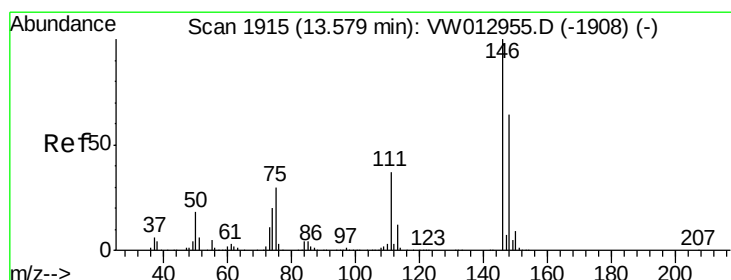
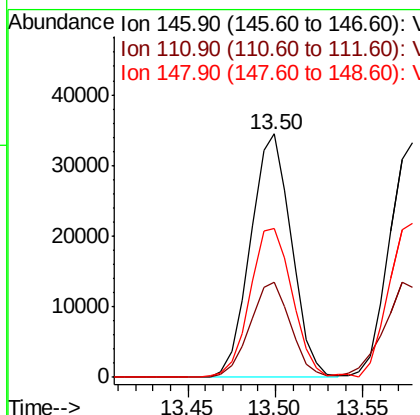
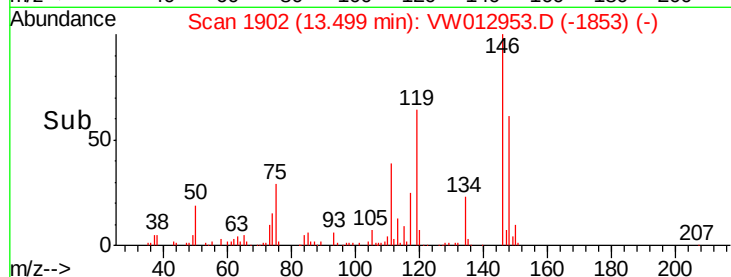
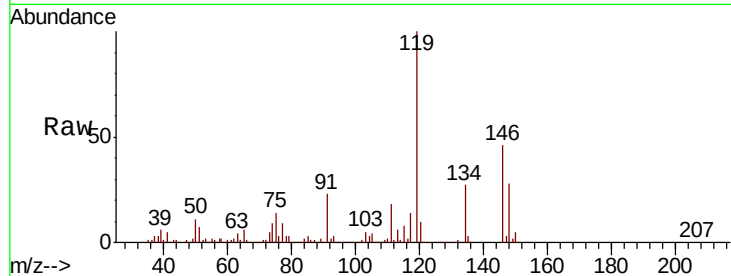
#87
 1,3-Dichlorobenzene
 Concen: 10.872 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012953.D
 Acq: 13 Sep 2019 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.8	59.4
148	63.7	31.9	95.7

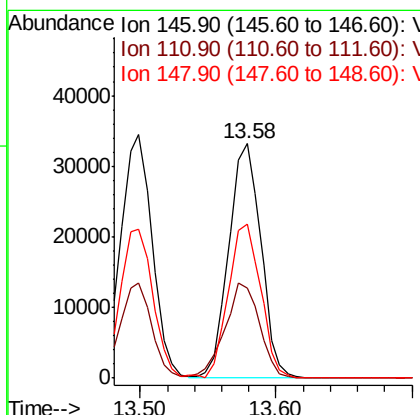
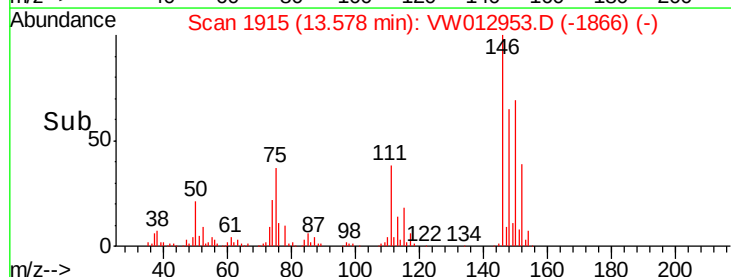
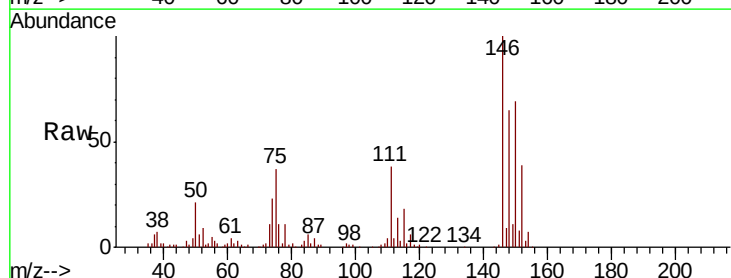
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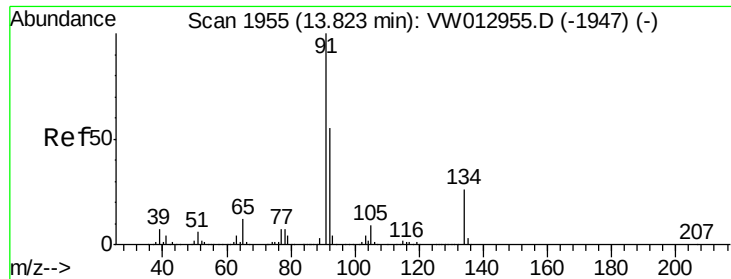
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#88
 1,4-Dichlorobenzene
 Concen: 10.832 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012953.D
 Acq: 13 Sep 2019 14:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.7	19.4	58.2
148	65.9	31.9	95.5





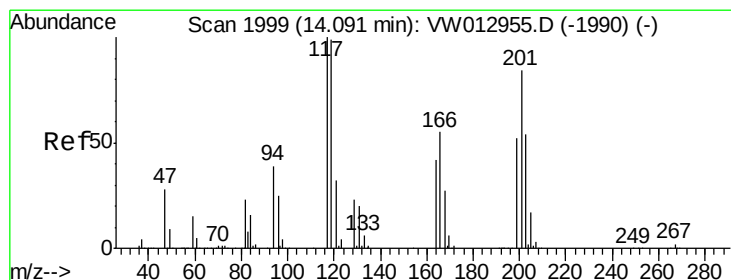
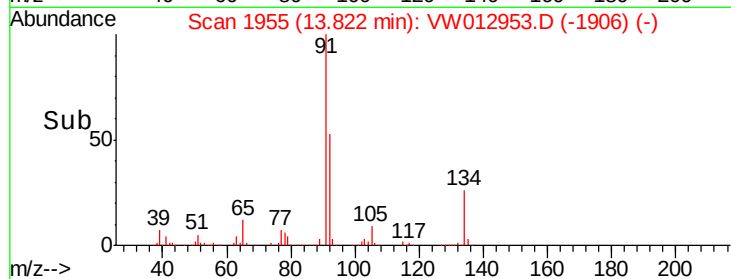
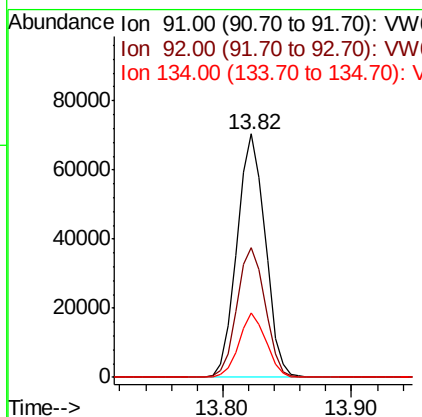
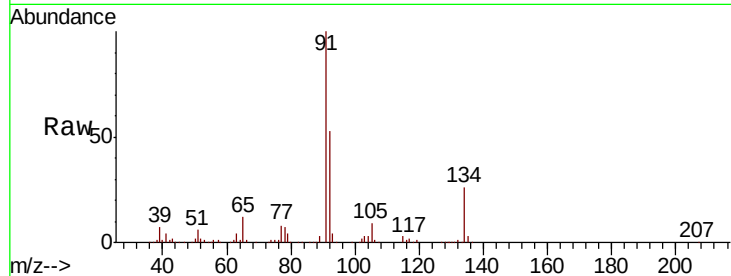
#89
n-Butylbenzene
Concen: 10.652 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	107250		
92	53.4	27.2	81.5	
134	25.0	13.1	39.1	

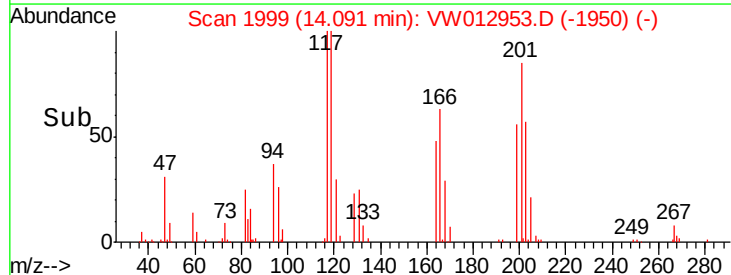
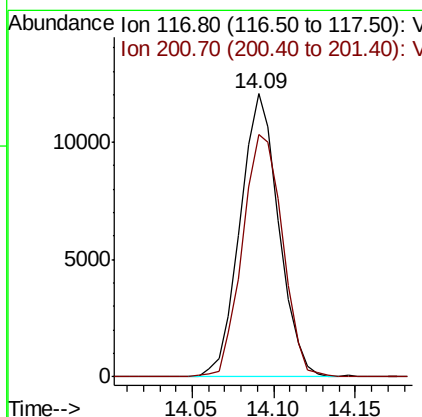
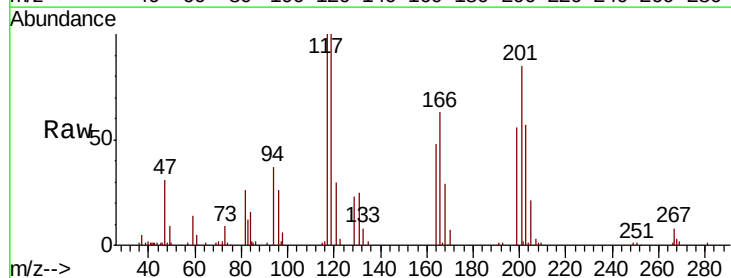
Manual Integrations
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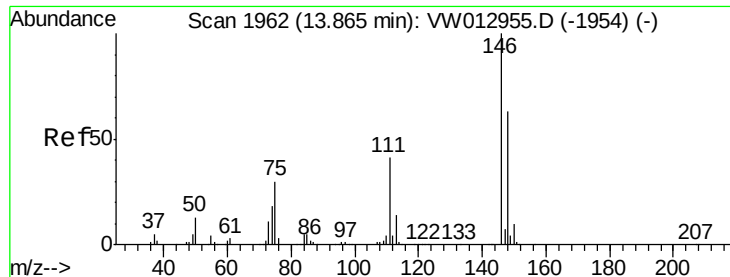
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#90
Hexachloroethane
Concen: 10.390 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	19880		
201	89.0	45.3	135.9	





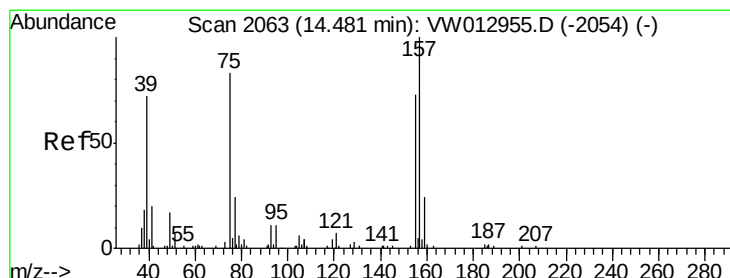
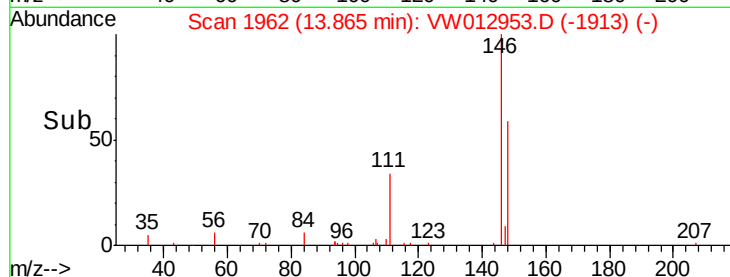
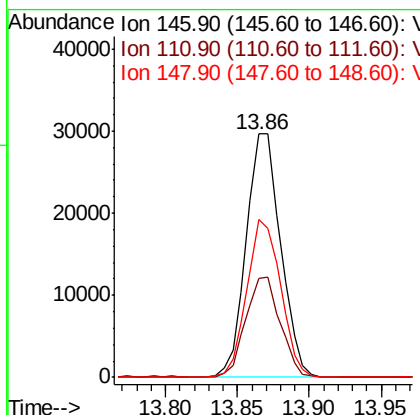
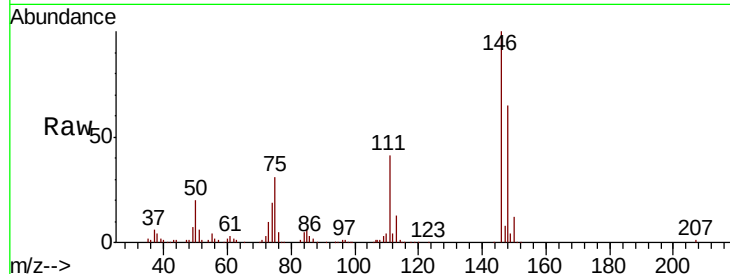
#91
 1,2-Dichlorobenzene
 Concen: 10.854 ug/l
 RT: 13.86 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: VW012953.D
 Acq: 13 Sep 2019 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.8	62.5
148	63.8	32.7	98.1

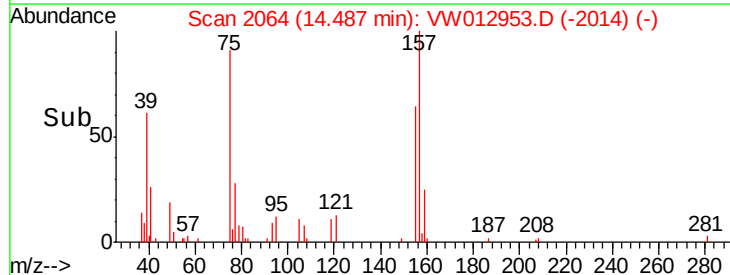
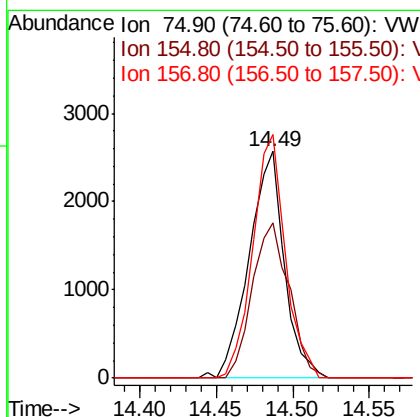
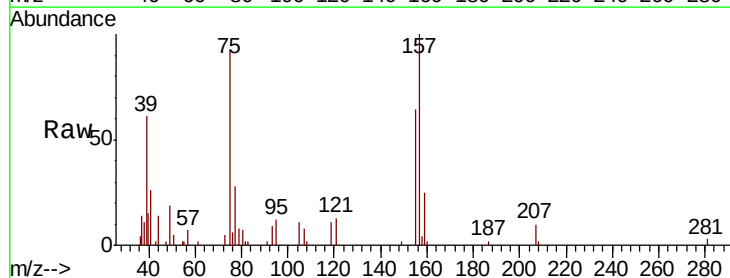
Manual Integrations
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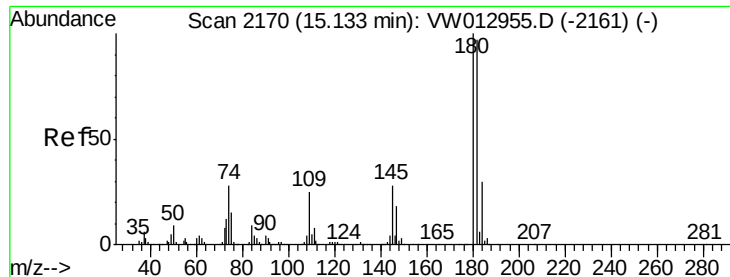
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 11.367 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW012953.D
 Acq: 13 Sep 2019 14:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.2	43.3	129.9
157	99.3	54.7	164.1





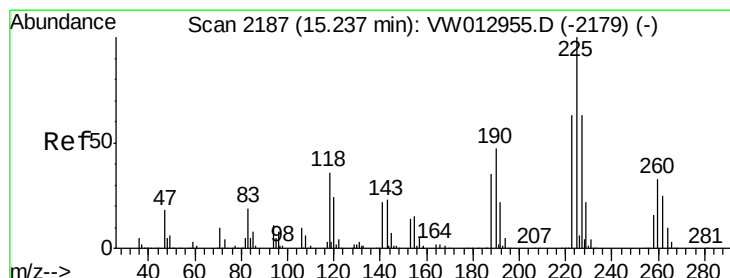
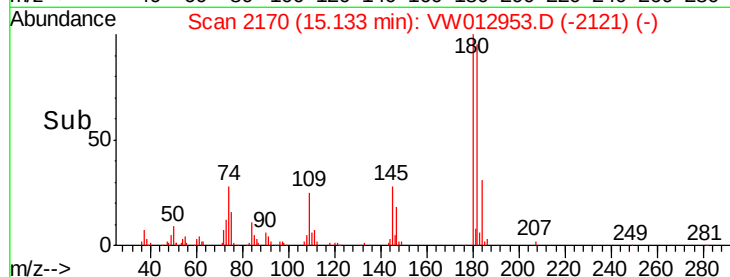
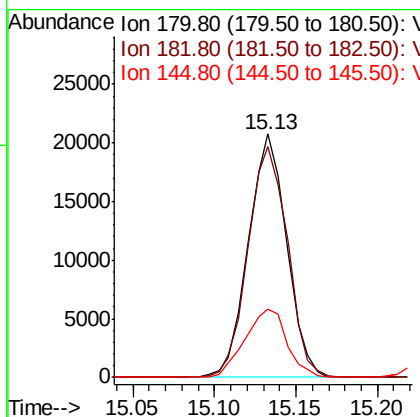
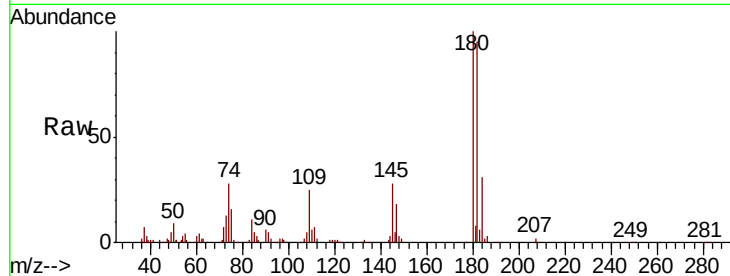
#93
 1,2,4-Trichlorobenzene
 Concen: 10.521 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012953.D
 Acq: 13 Sep 2019 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	33940		
182	97.7	47.4	142.2	
145	30.8	14.9	44.7	

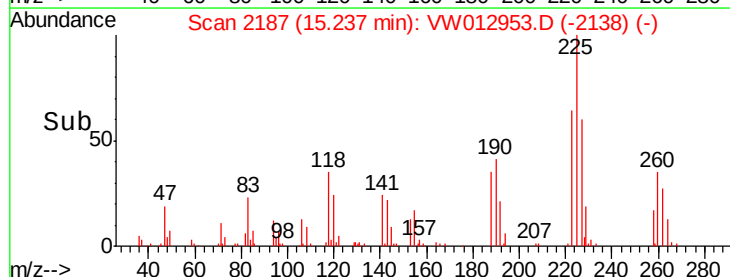
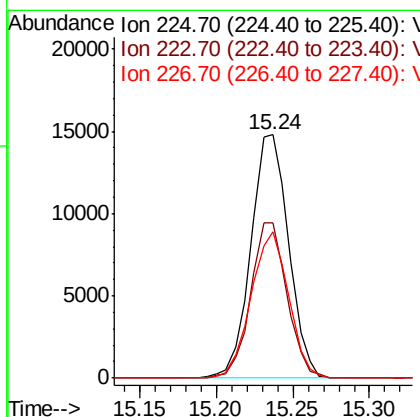
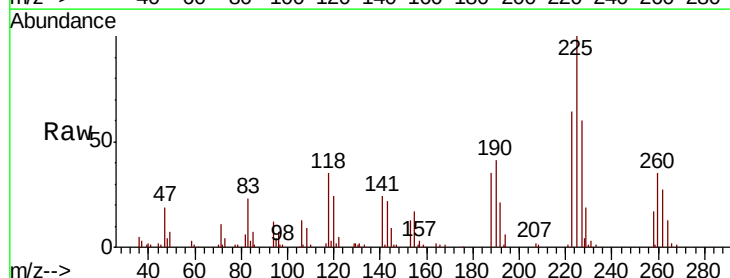
Manual Integrations
 APPROVED

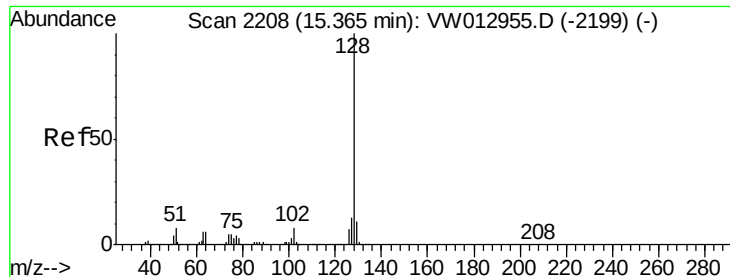
MMDadoda
 9/16/2019 12:44:08 AM



#94
 Hexachlorobutadiene
 Concen: 11.107 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012953.D
 Acq: 13 Sep 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	25365		
223	61.7	31.8	95.3	
227	60.0	31.3	93.8	





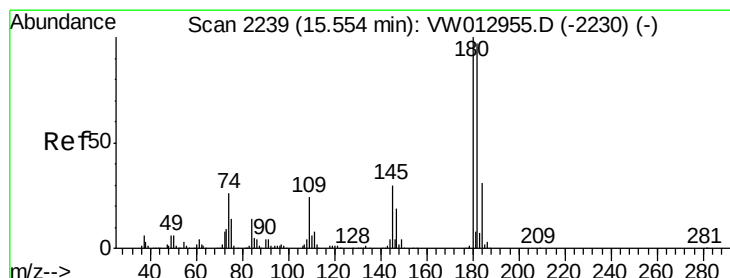
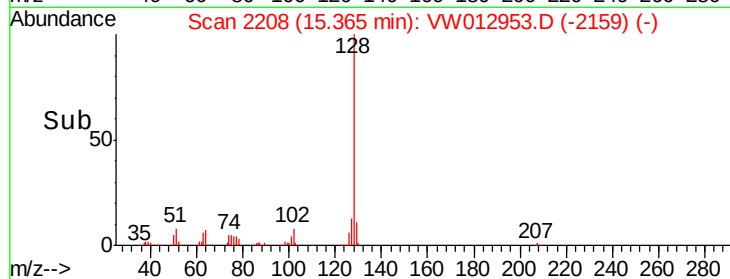
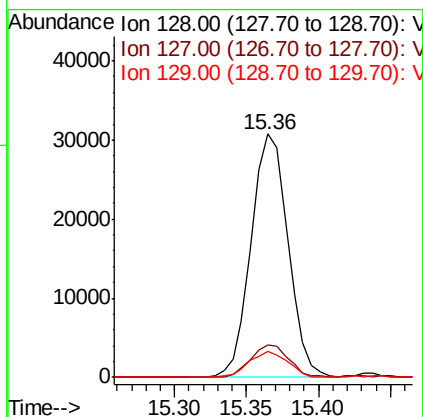
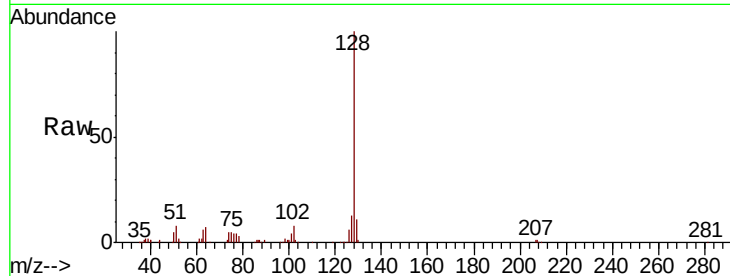
#95
Naphthalene
Concen: 10.108 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	11.0	16.6
129	11.2	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/16/2019 12:44:08 AM



#96
1,2,3-Trichlorobenzene
Concen: 10.481 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012953.D
Acq: 13 Sep 2019 14:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.6	142.8
145	32.1	15.4	46.2

