

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012886.D
 Acq On : 10 Sep 2019 23:44
 Operator : SY/VA
 Sample : VW0910SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/11/2019 9:26:31 AM

Quant Time: Sep 11 08:51:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	173278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	255511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	226426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	114212	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	93806	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
35) Dibromofluoromethane	7.88	113	76224	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.32	98	301768	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.62	95	106950	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	17014	18.112	ug/l	98
3) Chloromethane	2.21	50	23214	20.334	ug/l #	86
4) Vinyl Chloride	2.35	62	27657	19.758	ug/l	99
5) Bromomethane	2.76	94	16492	21.697	ug/l	93
6) Chloroethane	2.92	64	17814	21.326	ug/l	95
7) Trichlorofluoromethane	3.25	101	17282	17.891	ug/l	100
8) Diethyl Ether	3.67	74	16915	20.835	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	30507	20.125	ug/l	97
10) Methyl Iodide	4.27	142	38436	20.142	ug/l	97
11) Tert butyl alcohol	5.16	59	18698	126.226	ug/l	99
12) 1,1-Dichloroethene	4.04	96	27204	19.011	ug/l	93
13) Acrolein	3.89	56	13075	83.177	ug/l	99
14) Allyl chloride	4.67	41	51060	17.249	ug/l	96
15) Acrylonitrile	5.36	53	50259	105.990	ug/l	100
16) Acetone	4.12	43	44979	85.217	ug/l	98
17) Carbon Disulfide	4.38	76	54706	18.011	ug/l	98
18) Methyl Acetate	4.67	43	28732	23.202	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	60648	21.371	ug/l	99
20) Methylene Chloride	4.91	84	33971	20.572	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	28871	19.773	ug/l	90
22) Diisopropyl ether	6.30	45	112621	19.182	ug/l	92
23) Vinyl Acetate	6.25	43	356292	95.758	ug/l	99
24) 1,1-Dichloroethane	6.21	63	61510	19.458	ug/l	97
25) 2-Butanone	7.16	43	71511	104.452	ug/l	99
26) 2,2-Dichloropropane	7.16	77	37626	18.845	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	34040	20.106	ug/l	99
28) Bromochloromethane	7.51	49	25462	17.541	ug/l #	89
29) Tetrahydrofuran	7.53	42	45583	106.944	ug/l	96
30) Chloroform	7.67	83	60660	19.362	ug/l	99
31) Cyclohexane	7.95	56	53176	18.685	ug/l #	90
32) 1,1,1-Trichloroethane	7.87	97	49671	19.559	ug/l	96
36) 1,1-Dichloropropene	8.07	75	45968	20.248	ug/l	99
37) Ethyl Acetate	7.24	43	30582	21.131	ug/l	97
38) Carbon Tetrachloride	8.07	117	44563	19.913	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	52658	20.652	ug/l	94
40) Benzene	8.32	78	127599	20.257	ug/l	99
41) Methacrylonitrile	7.48	41	16470	19.295	ug/l	86
42) 1,2-Dichloroethane	8.40	62	45309	20.439	ug/l	97
43) Isopropyl Acetate	8.42	43	55919	20.394	ug/l	97
44) Trichloroethene	9.09	130	34117	21.012	ug/l	85
45) 1,2-Dichloropropane	9.37	63	33860	19.381	ug/l	98
46) Dibromomethane	9.46	93	17725	21.426	ug/l	97
47) Bromodichloromethane	9.64	83	44057	19.357	ug/l	97
48) Methyl methacrylate	9.43	41	25838	19.719	ug/l	97
49) 1,4-Dioxane	9.44	88	7699	471.139	ug/l	86
51) 4-Methyl-2-Pentanone	10.21	43	152697	106.132	ug/l	98
52) Toluene	10.38	92	80351	20.438	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	44639	19.073	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	51527	19.408	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	26546	21.433	ug/l	99
56) Ethyl methacrylate	10.64	69	38087	21.008	ug/l	94
57) 1,3-Dichloropropane	10.93	76	47565	20.759	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	101002	104.940	ug/l	94
59) 2-Hexanone	10.96	43	103774	98.726	ug/l	97
60) Dibromochloromethane	11.13	129	29639	20.348	ug/l	98
61) 1,2-Dibromoethane	11.23	107	24777	21.820	ug/l	99
64) Tetrachloroethene	10.86	164	30958	22.533	ug/l	95
65) Chlorobenzene	11.66	112	85998	20.095	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	32067	20.121	ug/l	99
67) Ethyl Benzene	11.73	91	158113	19.692	ug/l	98
68) m/p-Xylenes	11.83	106	116754	40.284	ug/l	99
69) o-Xylene	12.16	106	55488	20.293	ug/l	97
70) Styrene	12.18	104	97478	20.175	ug/l	99
71) Bromoform	12.35	173	19234	21.722	ug/l #	97
73) Isopropylbenzene	12.46	105	158351	19.331	ug/l	100
74) N-amyl acetate	12.27	43	49414	19.004	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	32813	19.946	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	23644m	20.245	ug/l	
77) Bromobenzene	12.74	156	37211	20.050	ug/l	97
78) n-propylbenzene	12.80	91	188320	19.222	ug/l	99
79) 2-Chlorotoluene	12.89	91	106971	19.020	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	134591	19.499	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	10498	19.012	ug/l	98
82) 4-Chlorotoluene	12.99	91	113386	19.059	ug/l	97
83) tert-Butylbenzene	13.21	119	119711	19.614	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	135056	19.418	ug/l	99
85) sec-Butylbenzene	13.38	105	163317	19.284	ug/l	98
86) p-Isopropyltoluene	13.50	119	150255	19.423	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	72485	19.871	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	71921	19.814	ug/l	99
89) n-Butylbenzene	13.82	91	137630	18.326	ug/l	100
90) Hexachloroethane	14.09	117	25902	19.180	ug/l	97
91) 1,2-Dichlorobenzene	13.86	146	66415	20.228	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6230	20.693	ug/l	95

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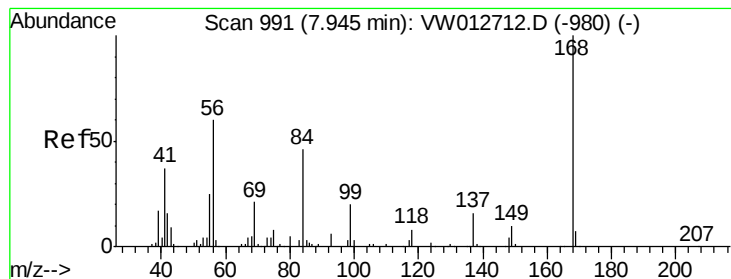
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	46688	20.424	ug/l	97
94) Hexachlorobutadiene	15.24	225	33181	20.971	ug/l	98
95) Naphthalene	15.36	128	89721	21.501	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	42817	21.220	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

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VW0910SBSD02

Tot Ion:168 Resp: 173278

Ion Ratio Lower Upper

168 100

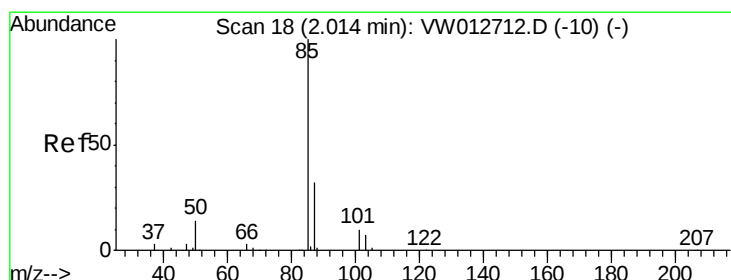
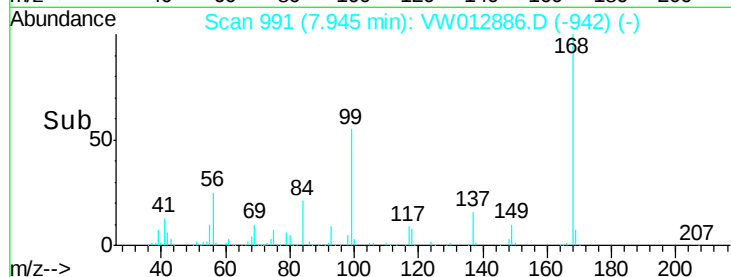
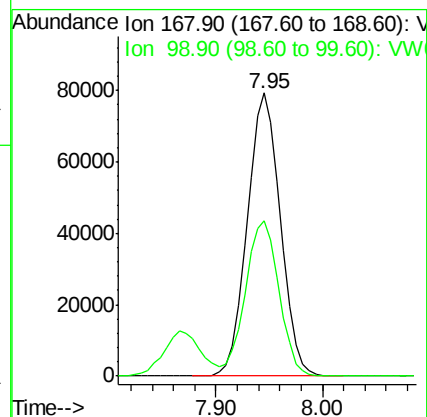
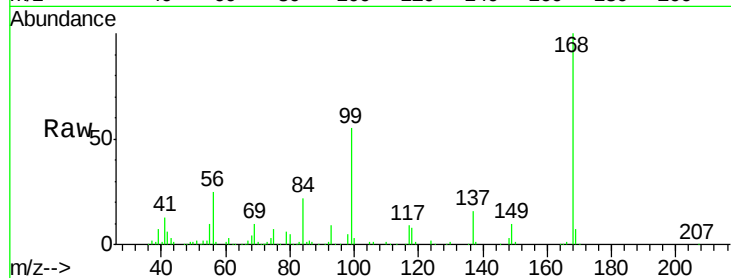
99 54.6 47.8 71.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 18.112 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW012886.D

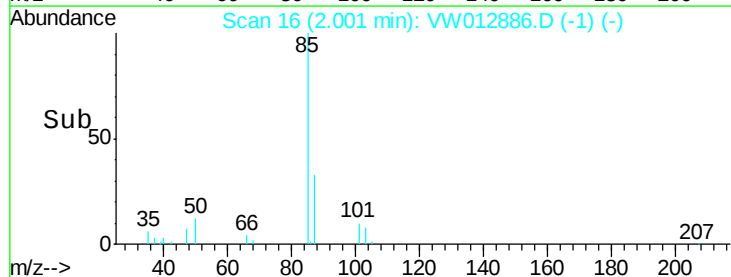
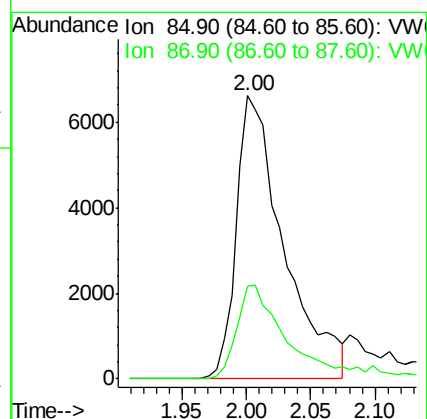
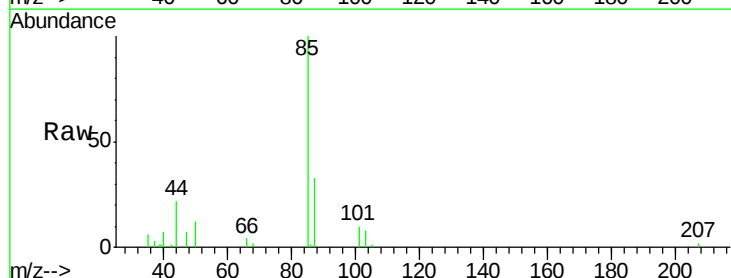
Acq: 10 Sep 2019 23:44

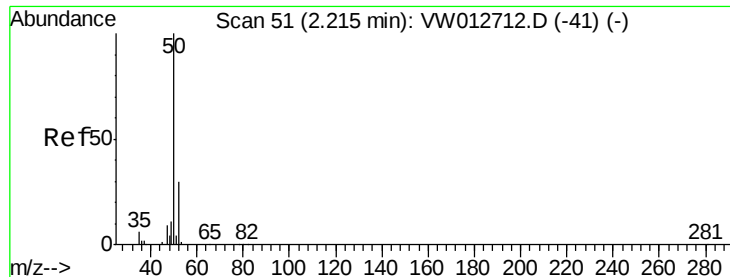
Tgt Ion: 85 Resp: 17014

Ion Ratio Lower Upper

85 100

87 32.6 15.8 47.4





#3

Chloromethane

Concen: 20.334 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD02

Tot Ion: 50 Resp: 23214

Ion Ratio Lower Upper

50 100

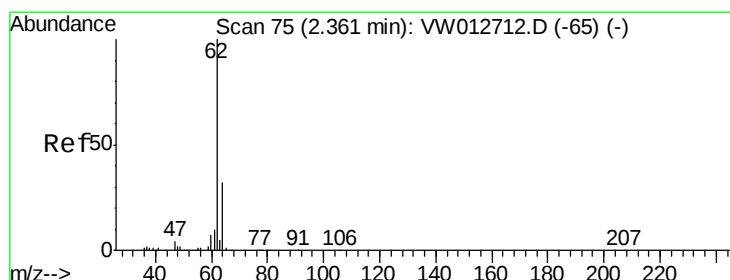
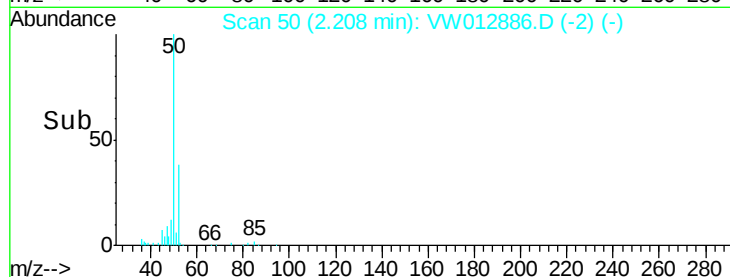
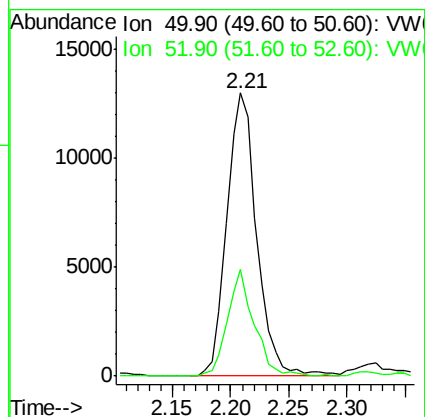
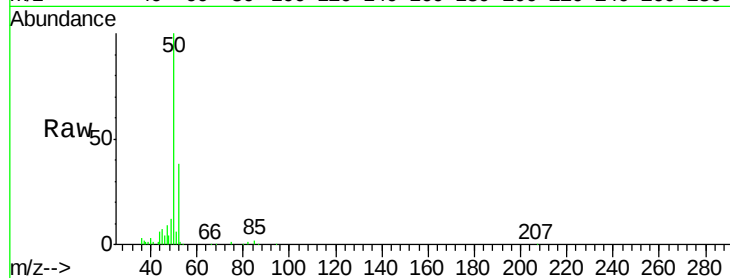
52 37.5 24.2 36.2#

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.758 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012886.D

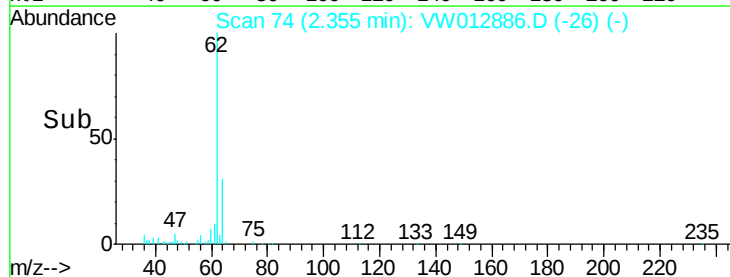
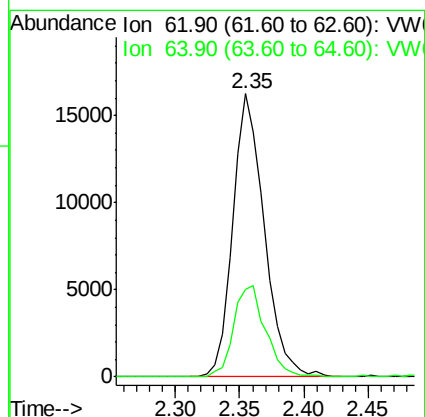
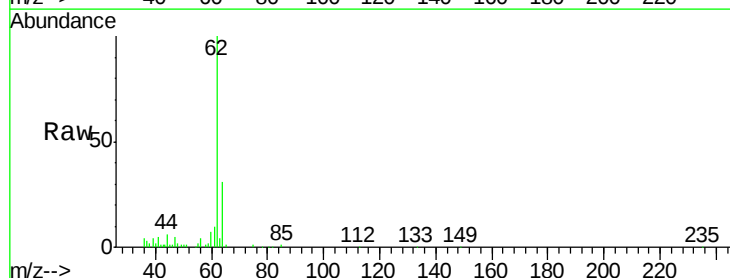
Acq: 10 Sep 2019 23:44

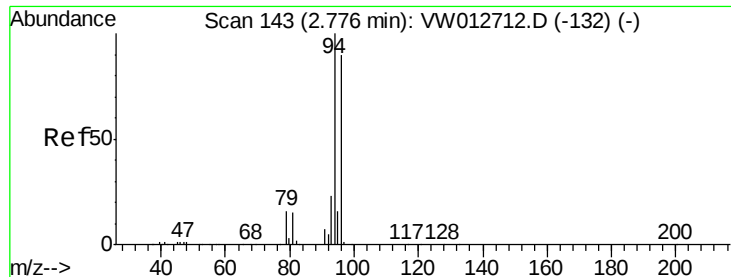
Tgt Ion: 62 Resp: 27657

Ion Ratio Lower Upper

62 100

64 30.9 25.3 37.9





#5

Bromomethane

Concen: 21.697 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.02 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

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ClientSampleId :

VW0910SBSD02

Tot Ion: 94 Resp: 16492

Ion Ratio Lower Upper

94 100

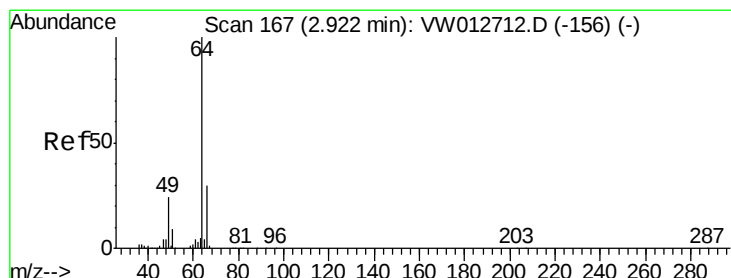
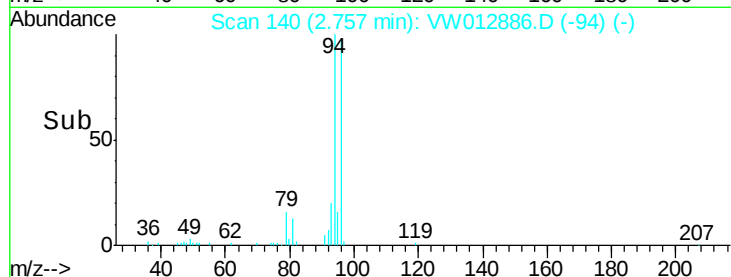
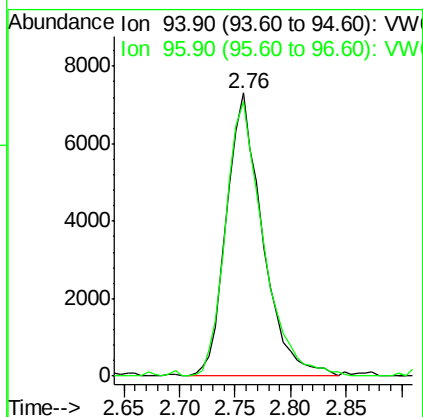
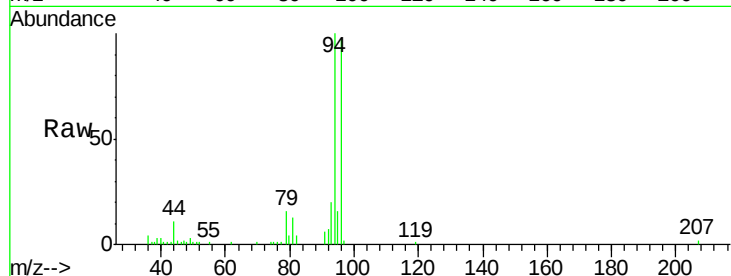
96 97.2 72.1 108.1

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9/11/2019 9:26:31 AM



#6

Chloroethane

Concen: 21.326 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012886.D

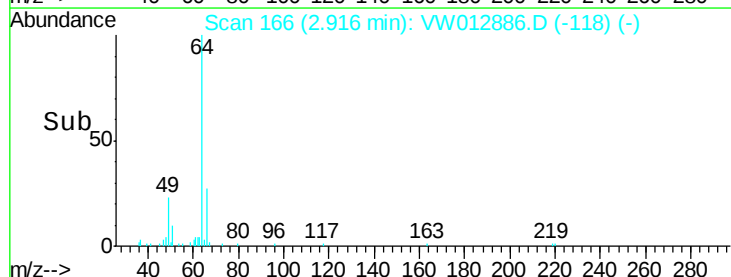
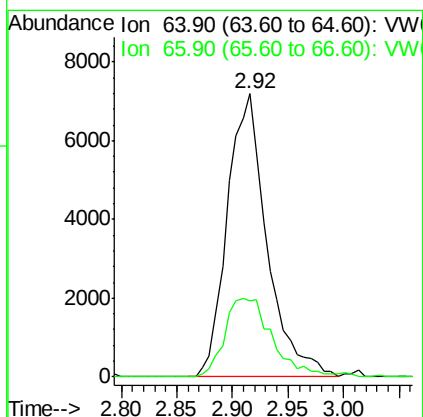
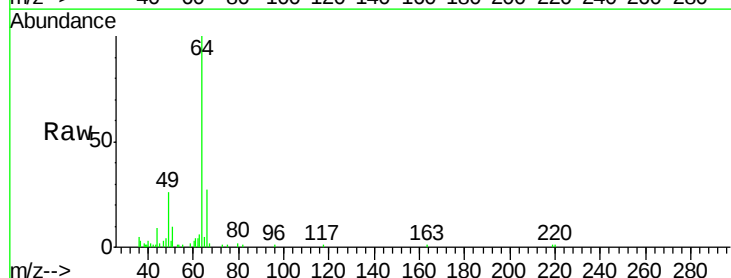
Acq: 10 Sep 2019 23:44

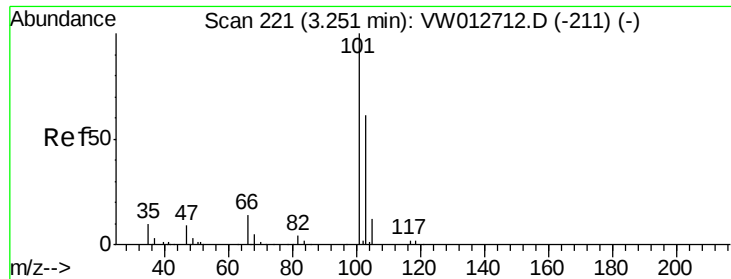
Tgt Ion: 64 Resp: 17814

Ion Ratio Lower Upper

64 100

66 27.0 23.8 35.6





#7

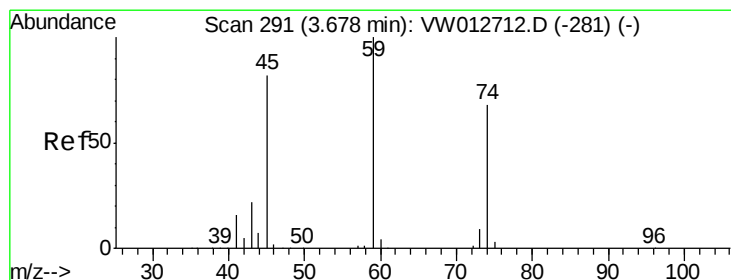
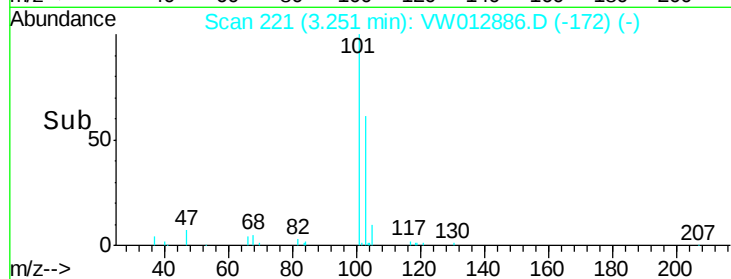
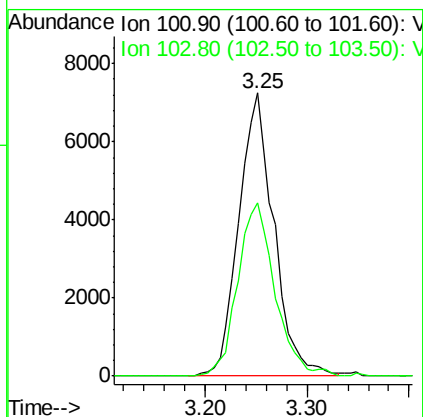
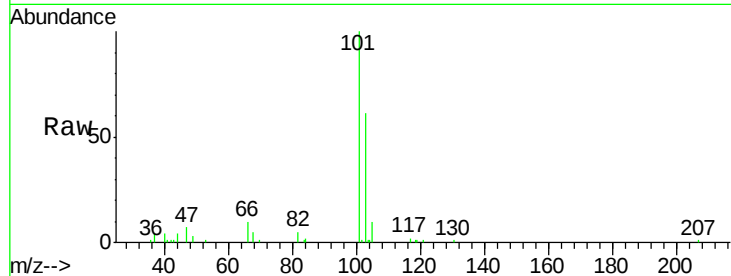
Trichlorofluoromethane
 Concen: 17.891 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.2	49.0	73.4

Manual Integrations
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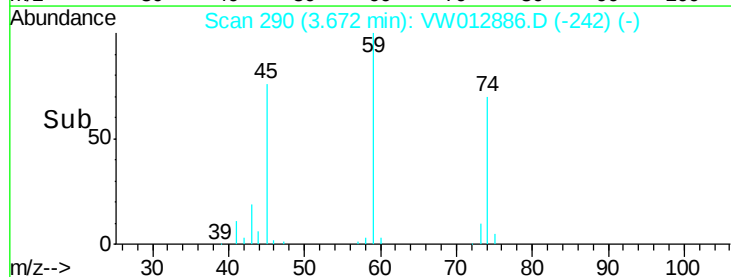
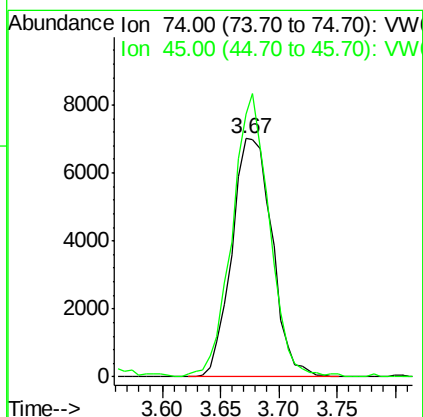
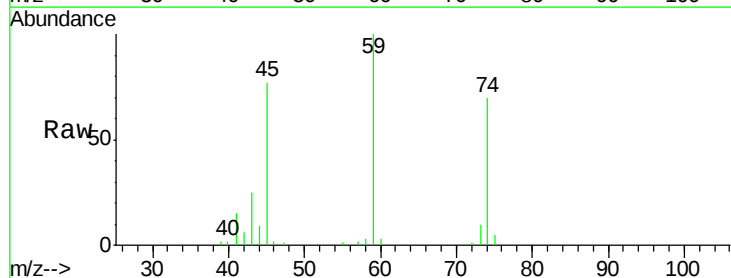
MMDadoda
 9/11/2019 9:26:31 AM

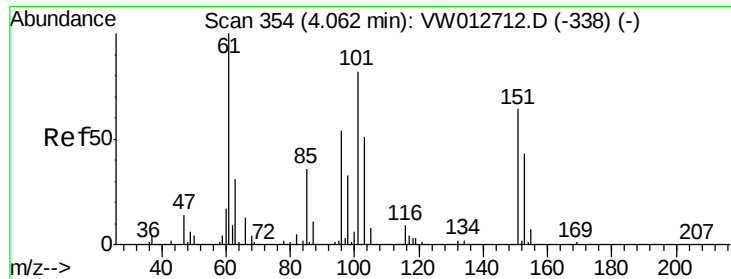


#8

Diethyl Ether
 Concen: 20.835 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.6	58.8	176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.125 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

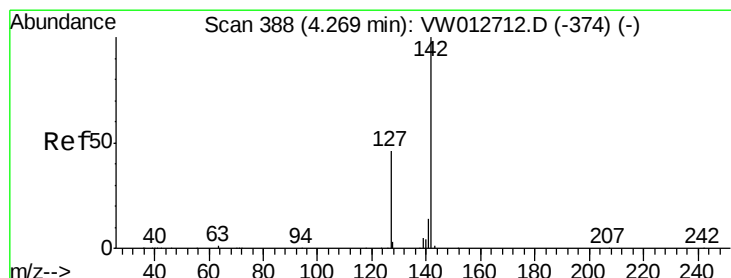
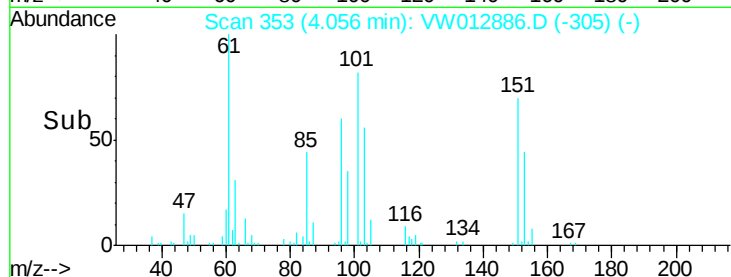
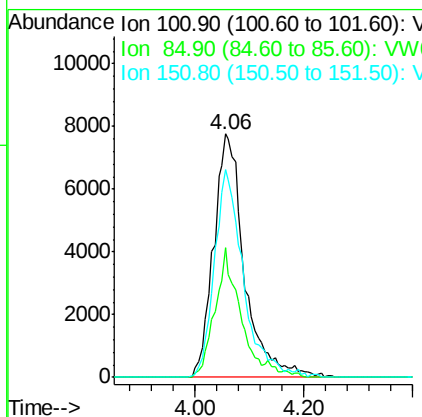
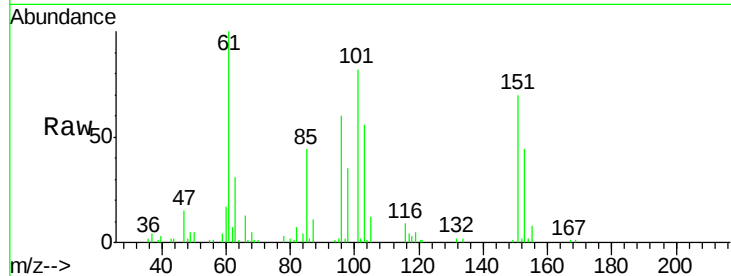
ClientSampleId :

VW0910SBSD02

Tot Ion:	101	Resp:	30507
Ion Ratio	Lower	Upper	
101	100		
85	42.4	36.2	54.2
151	79.9	61.9	92.9

Manual Integrations
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#10

Methyl Iodide

Concen: 20.142 ug/l

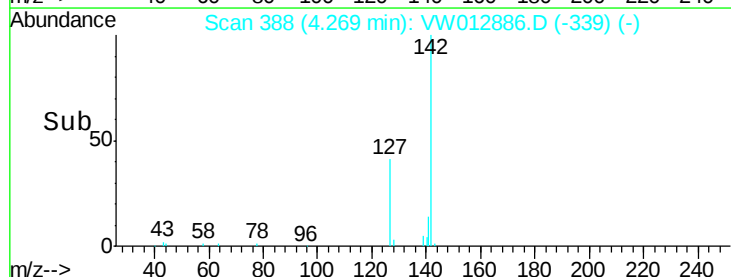
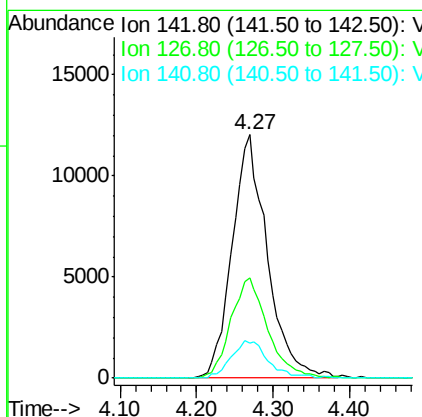
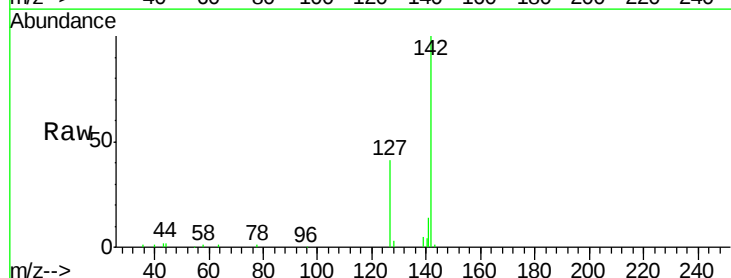
RT: 4.27 min Scan# 388

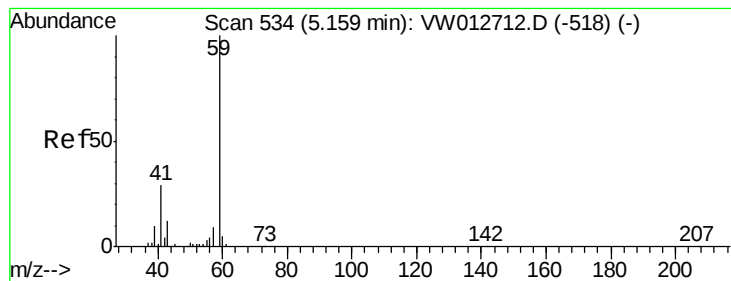
Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Tgt Ion:	142	Resp:	38436
Ion Ratio	Lower	Upper	
142	100		
127	42.8	36.0	54.0
141	16.0	12.2	18.4





#11

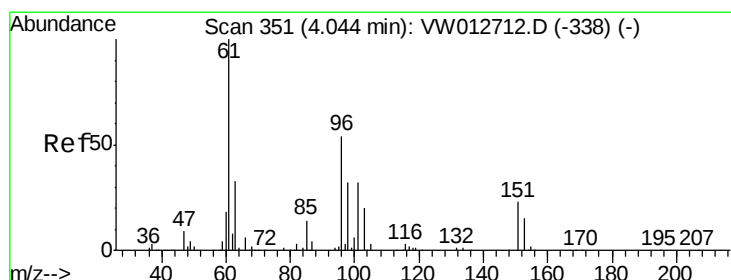
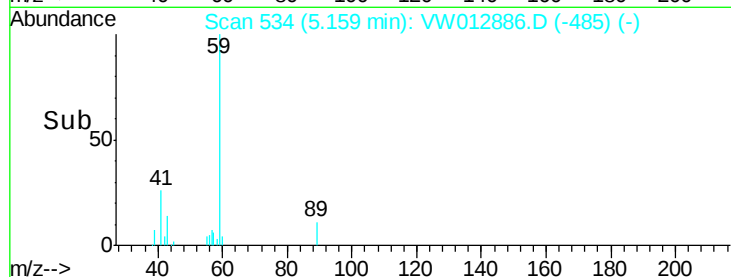
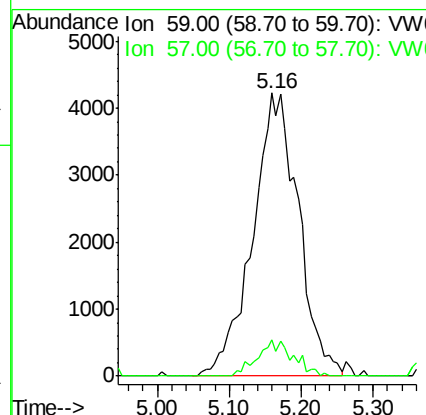
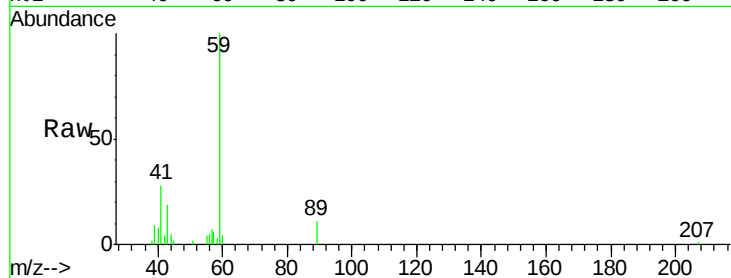
Tert butyl alcohol
Concen: 126.226 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.4

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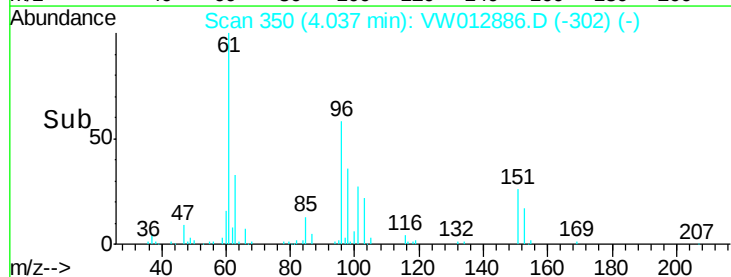
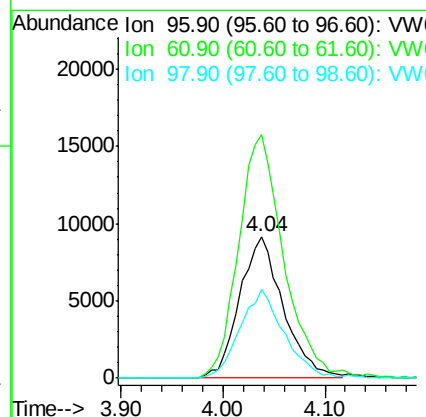
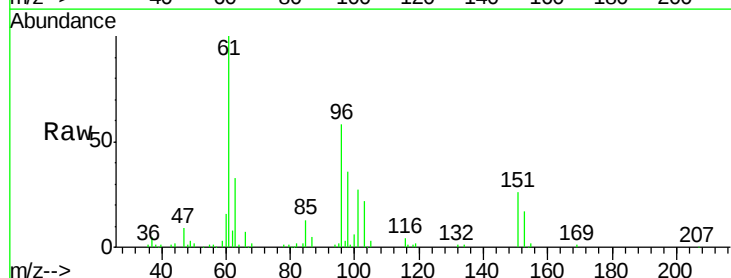
MMDadoda
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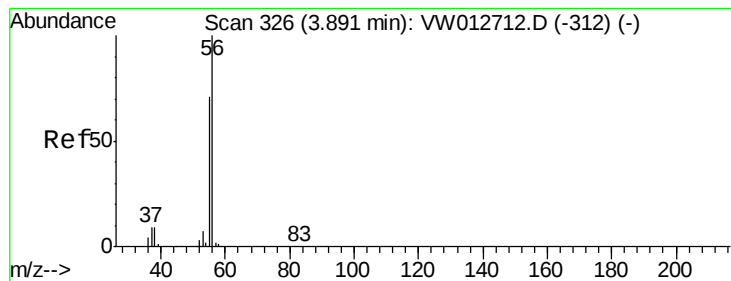


#12

1,1-Dichloroethene
Concen: 19.011 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.2	147.8	221.6
98	62.7	47.9	71.9





#13

Acrolein

Concen: 83.177 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD02

Tot Ion: 56 Resp: 13075

Ion Ratio Lower Upper

56 100

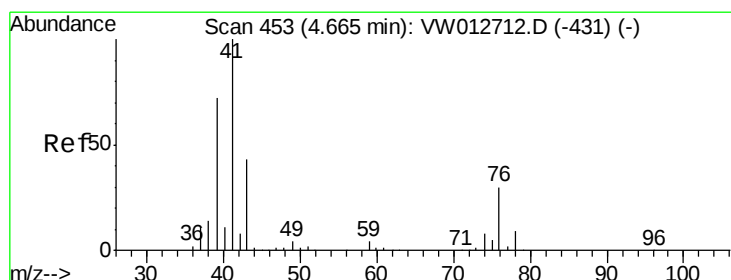
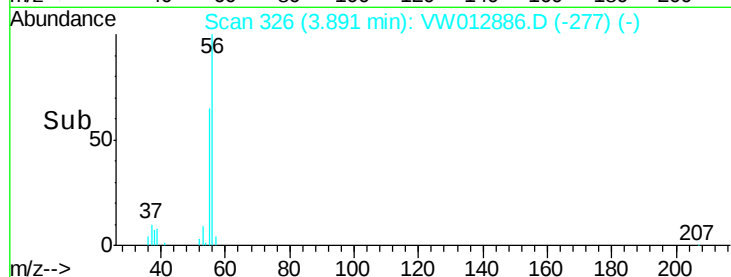
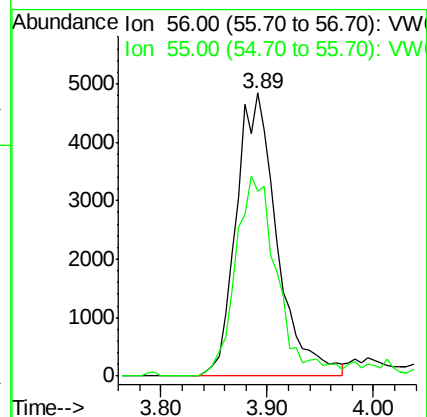
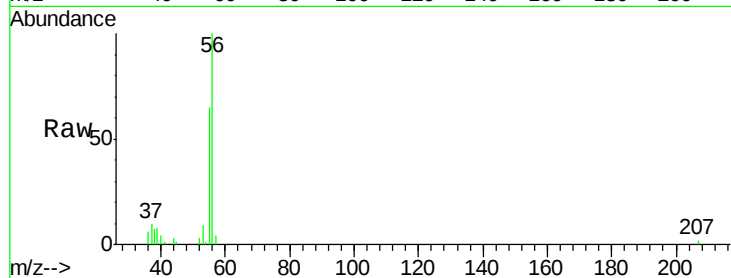
55 71.8 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 17.249 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

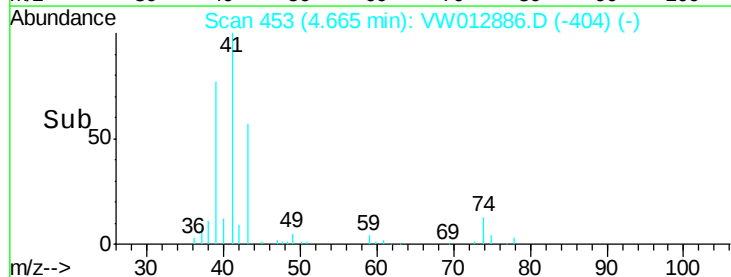
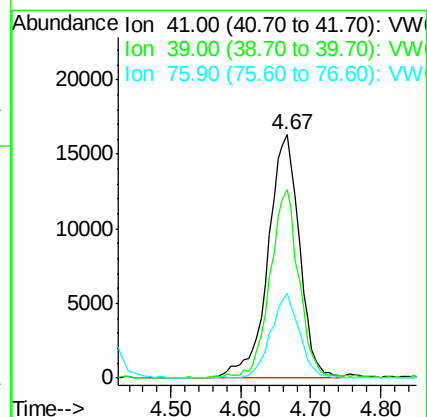
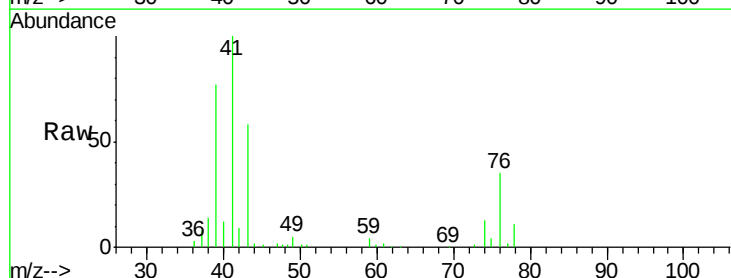
Tgt Ion: 41 Resp: 51060

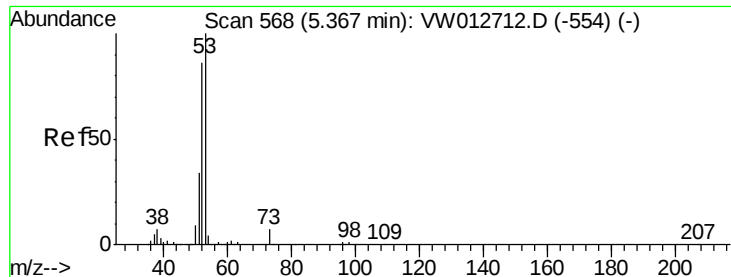
Ion Ratio Lower Upper

41 100

39 71.6 55.0 82.6

76 31.4 23.0 34.4





#15

Acrylonitrile

Concen: 105.990 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

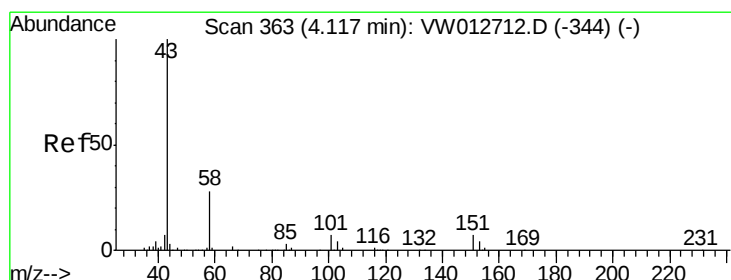
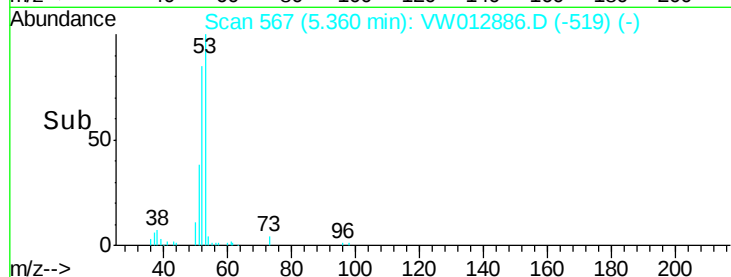
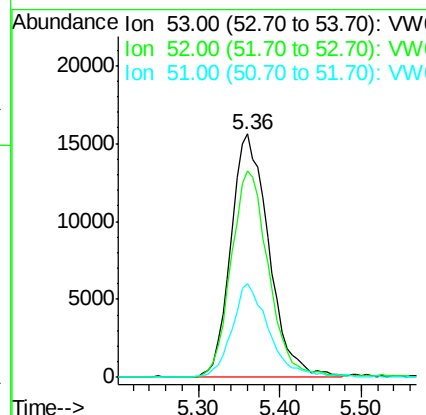
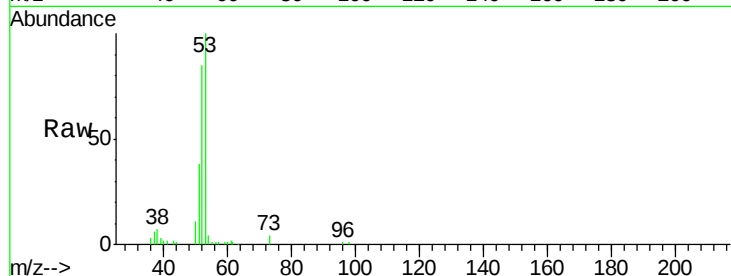
ClientSampleId :

VW0910SBSD02

Tot Ion:	53	Resp:	50259
Ion	Ratio	Lower	Upper
53	100		
52	83.8	67.0	100.4
51	37.5	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 85.217 ug/l

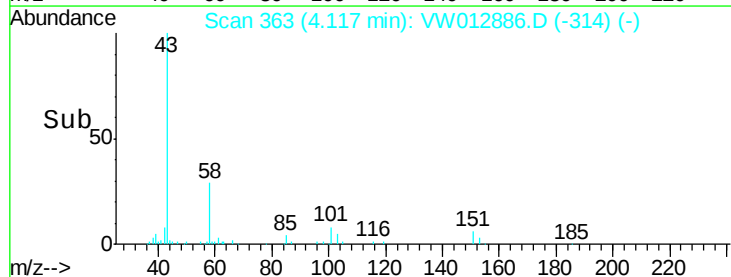
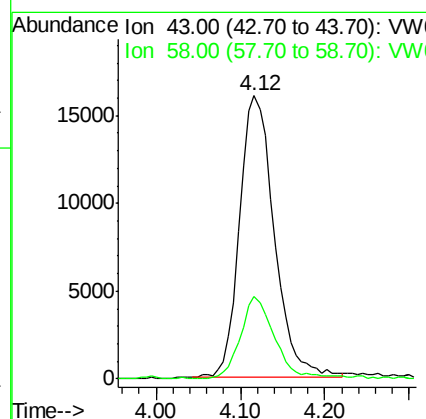
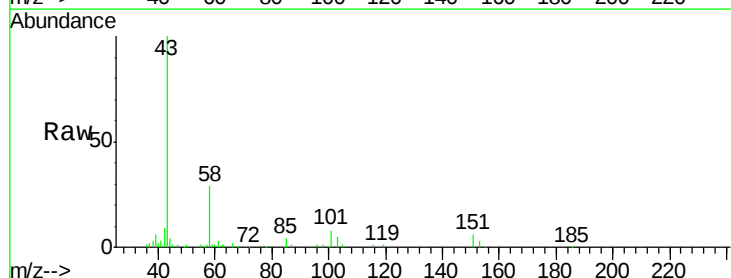
RT: 4.12 min Scan# 363

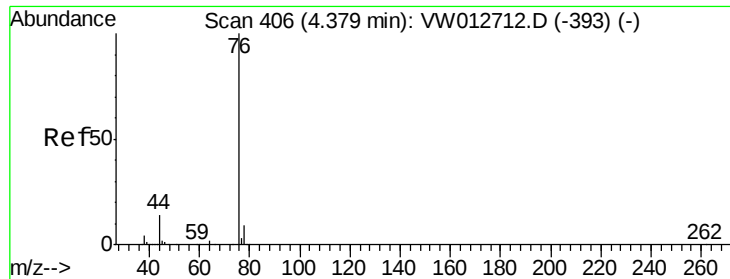
Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Tgt Ion:	43	Resp:	44979
Ion	Ratio	Lower	Upper
43	100		
58	29.1	22.6	33.8





#17

Carbon Disulfide

Concen: 18.011 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD02

Tot Ion: 76 Resp: 54706

Ion Ratio Lower Upper

76 100

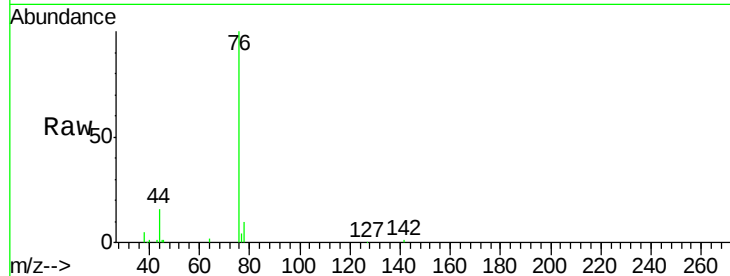
78 9.6 7.2 10.8

Manual Integrations

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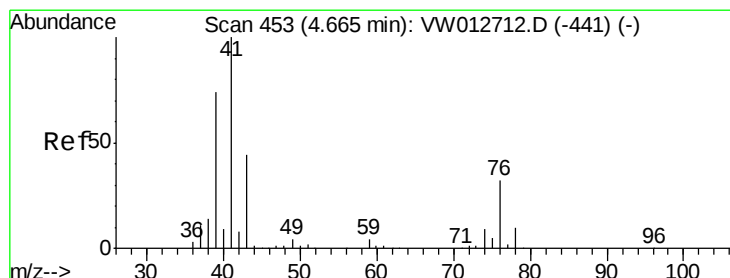
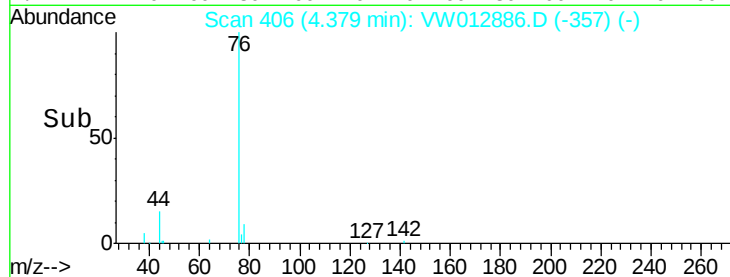
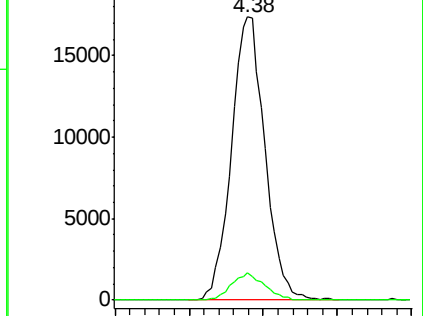
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 23.202 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012886.D

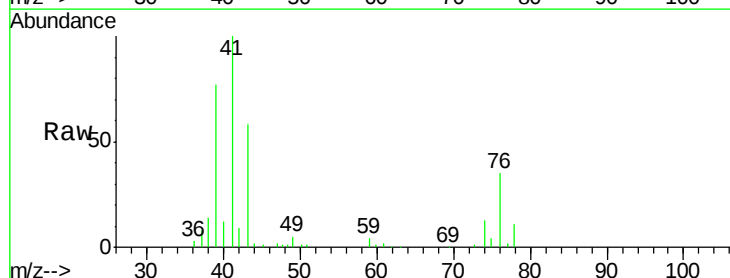
Acq: 10 Sep 2019 23:44

Tgt Ion: 43 Resp: 28732

Ion Ratio Lower Upper

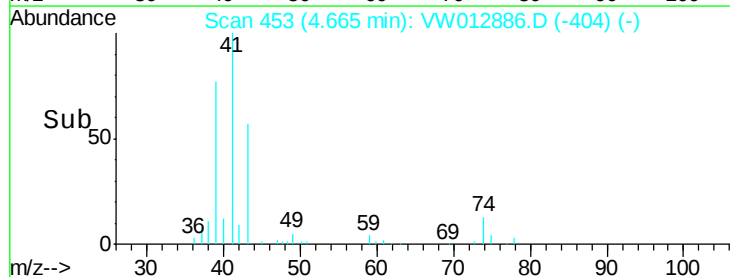
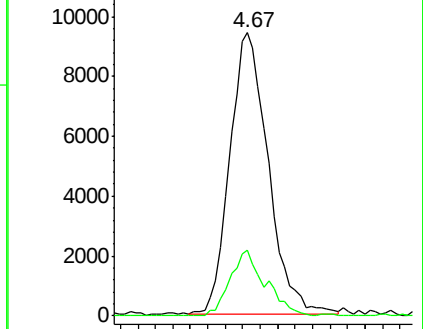
43 100

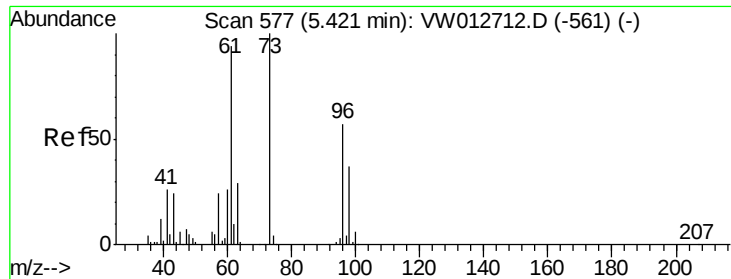
74 21.4 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





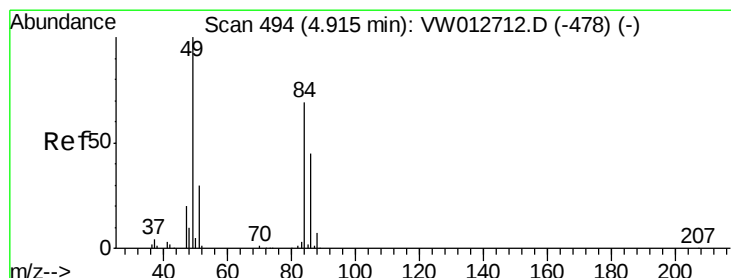
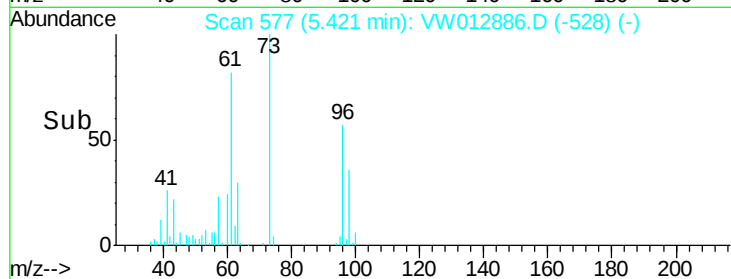
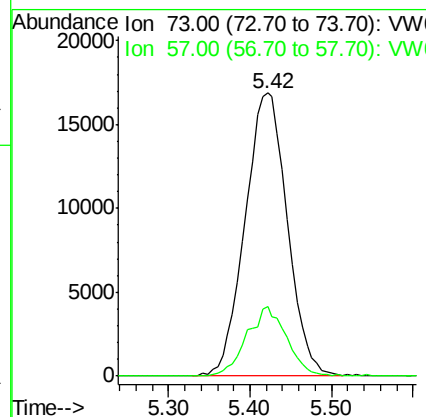
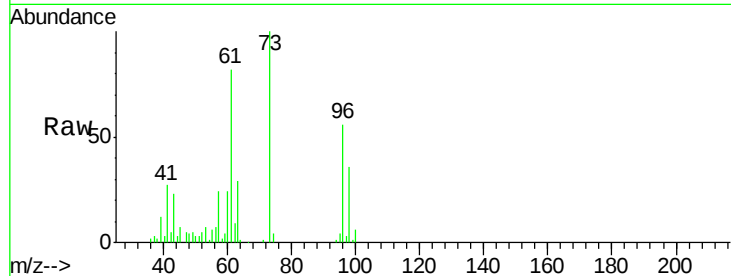
#19
Methyl tert-butyl Ether
Concen: 21.371 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.4	19.2	28.8

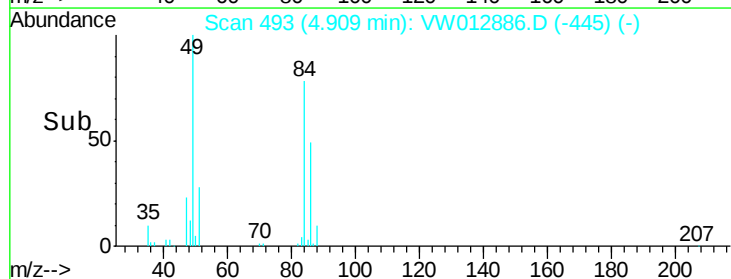
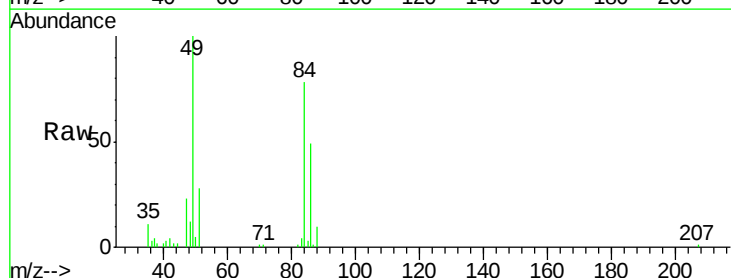
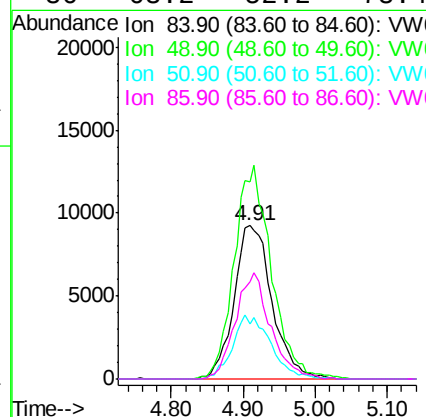
Manual Integrations
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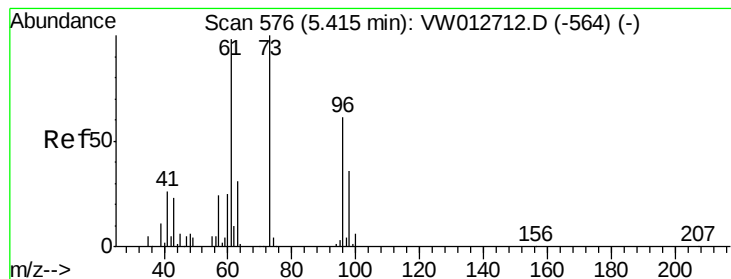
MMDadoda
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#20
Methylene Chloride
Concen: 20.572 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.6	115.4	173.0
51	36.1	34.9	52.3
86	63.2	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 19.773 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

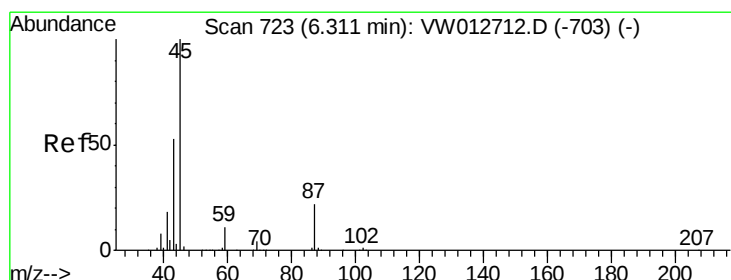
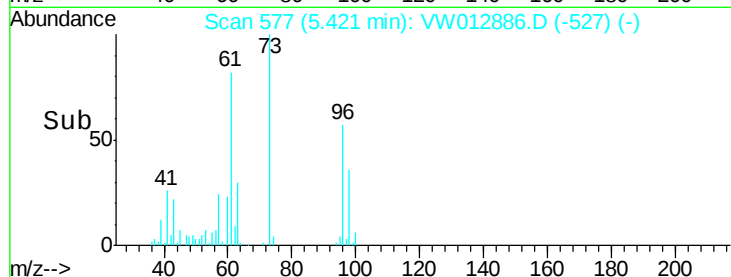
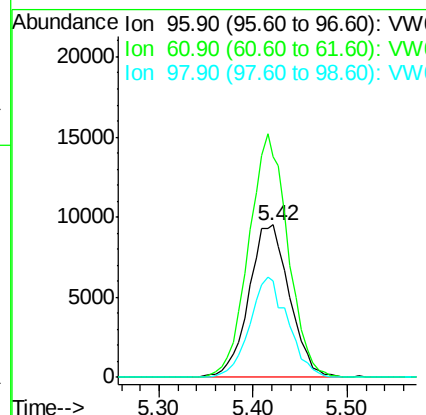
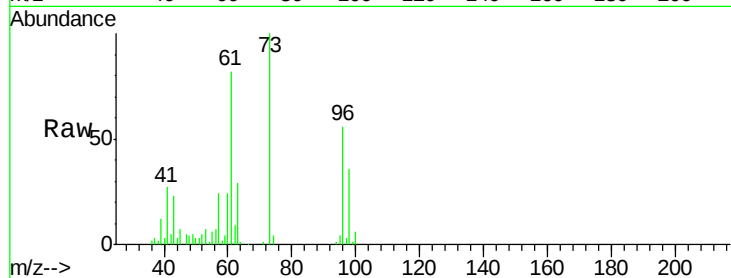
ClientSampleId :

VW0910SBSD02

Tot Ion:	96	Resp:	28871
Ion	Ratio	Lower	Upper
96	100		
61	144.7	129.2	193.8
98	63.3	48.0	72.0

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#22

Diisopropyl ether

Concen: 19.182 ug/l

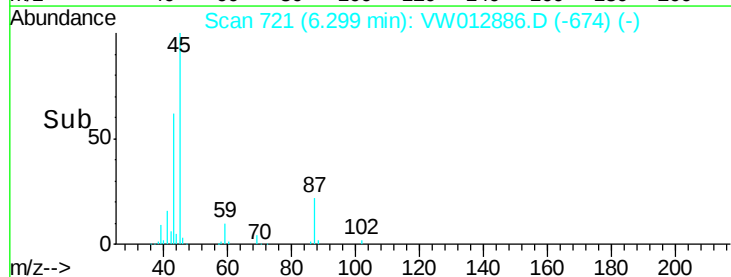
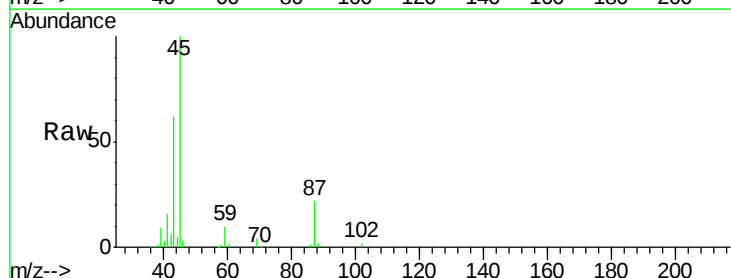
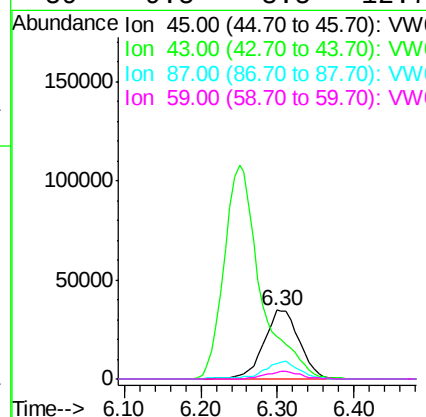
RT: 6.30 min Scan# 721

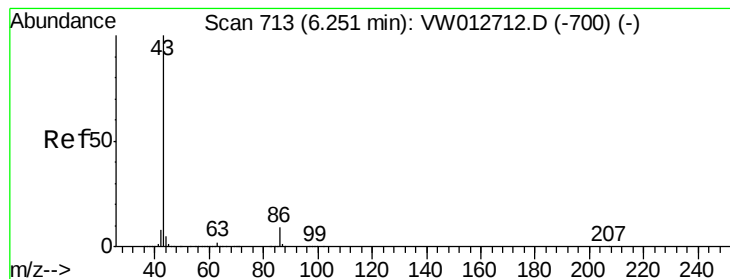
Delta R.T. -0.01 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Tgt Ion:	45	Resp:	112621
Ion	Ratio	Lower	Upper
45	100		
43	61.5	42.3	63.5
87	21.7	18.2	27.2
59	9.5	8.5	12.7





#23

Vinyl Acetate

Concen: 95.758 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Tot Ion: 43 Resp: 356292

Ion Ratio Lower Upper

43 100

86 8.5 7.0 10.6

Instrument :

MSVOA_W

ClientSampleId :

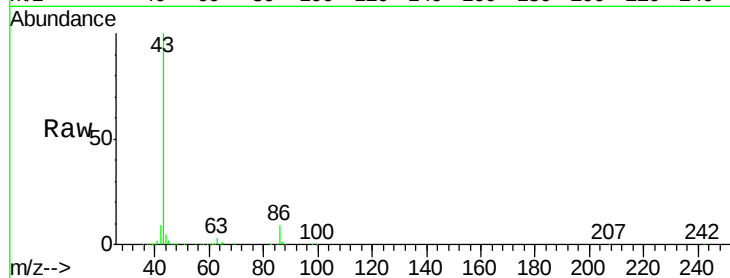
VW0910SBSD02

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

120000

100000

80000

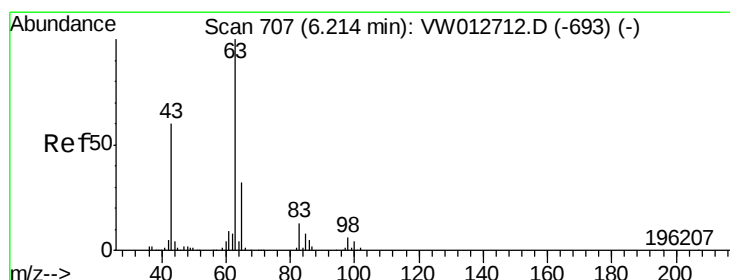
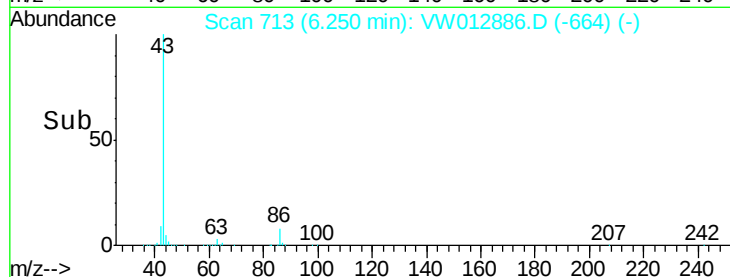
60000

40000

20000

0

Time--> 6.10 6.20 6.30 6.40



#24

1,1-Dichloroethane

Concen: 19.458 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

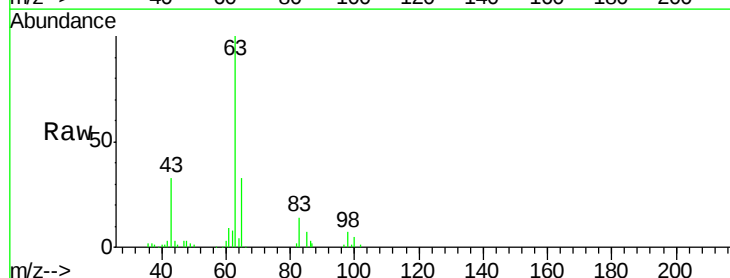
Tgt Ion: 63 Resp: 61510

Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.3

100 5.1 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

25000

20000

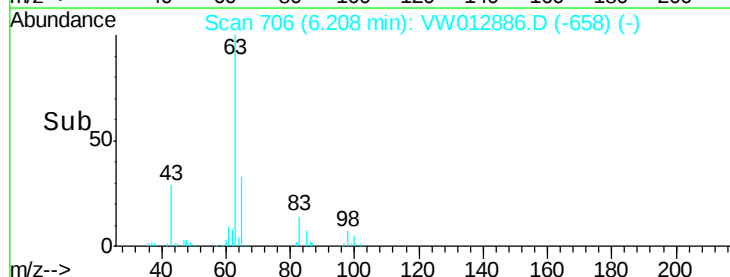
15000

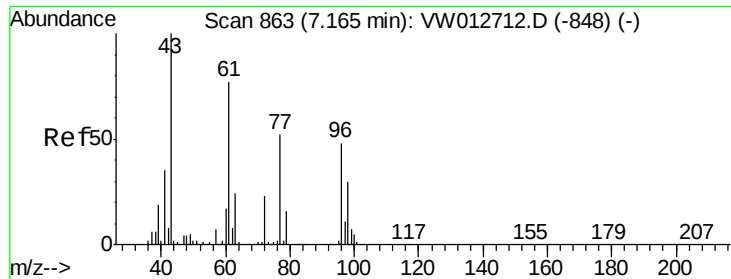
10000

5000

0

Time--> 6.10 6.20 6.30





#25

2-Butanone

Concen: 104.452 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD02

Tot Ion: 43 Resp: 71511

Ion Ratio Lower Upper

43 100

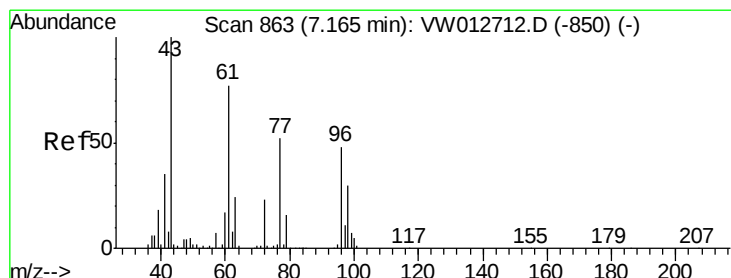
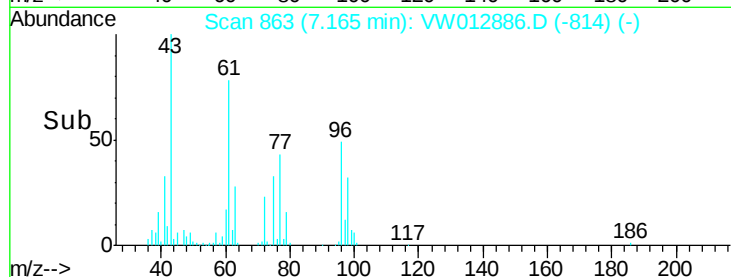
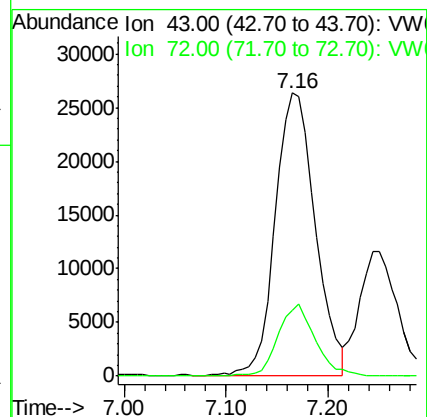
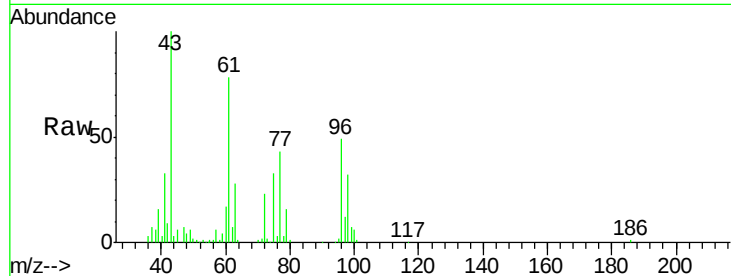
72 23.2 18.0 27.0

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 18.845 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012886.D

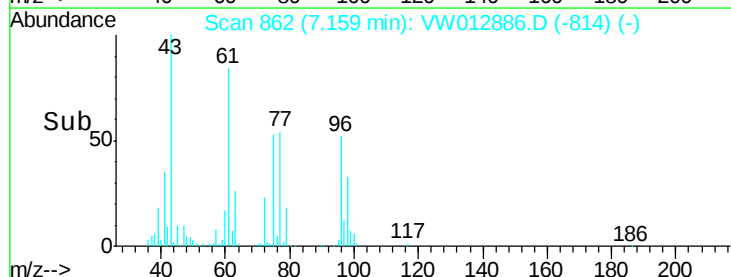
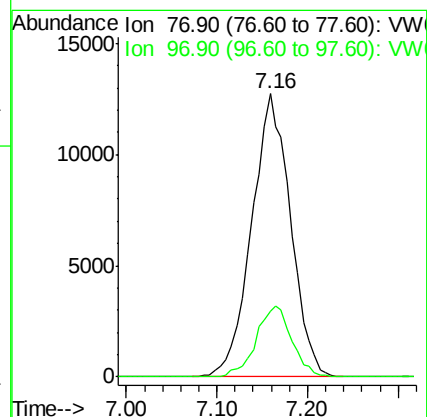
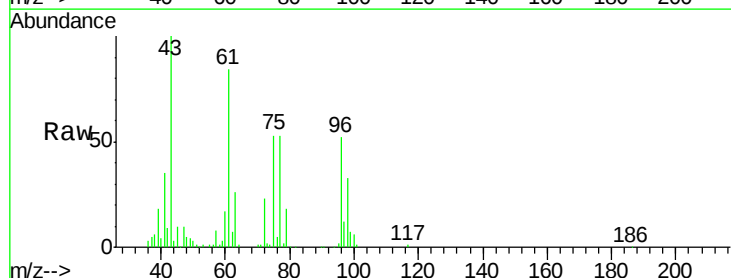
Acq: 10 Sep 2019 23:44

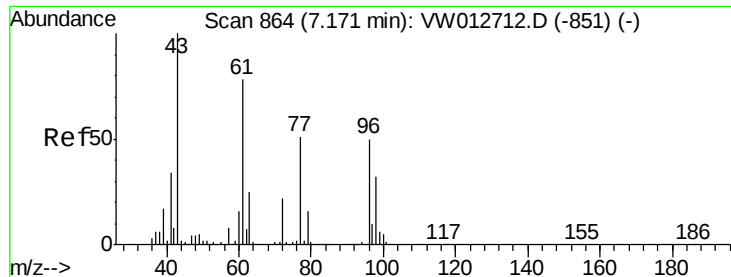
Tgt Ion: 77 Resp: 37626

Ion Ratio Lower Upper

77 100

97 23.0 10.7 32.1





#27

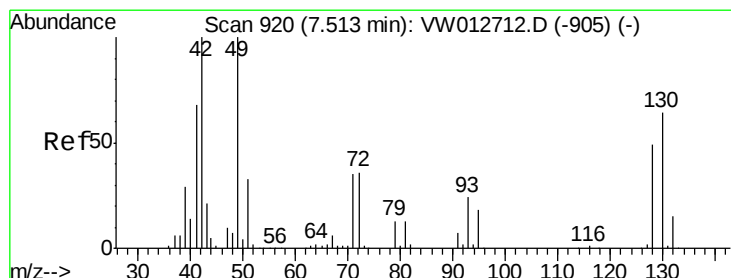
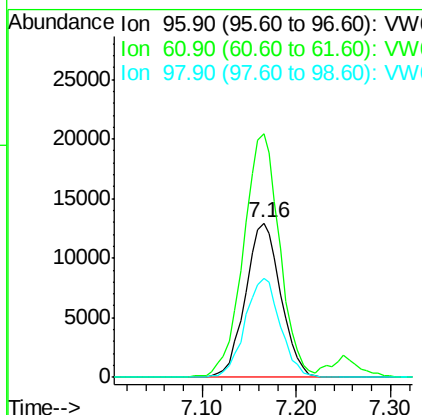
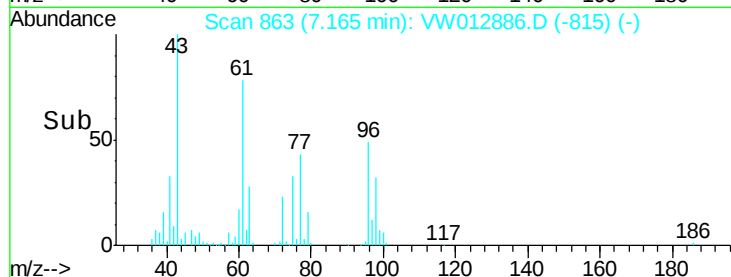
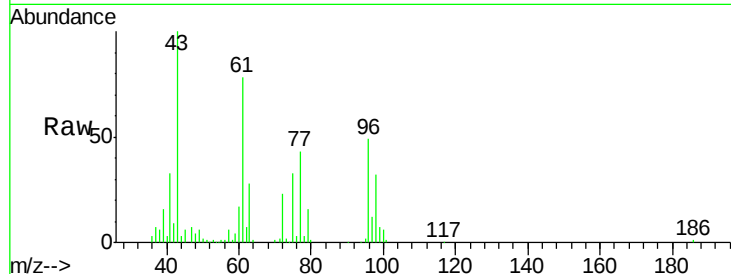
cis-1,2-Dichloroethene
Concen: 20.106 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.0	0.0	325.8
98	64.0	0.0	127.0

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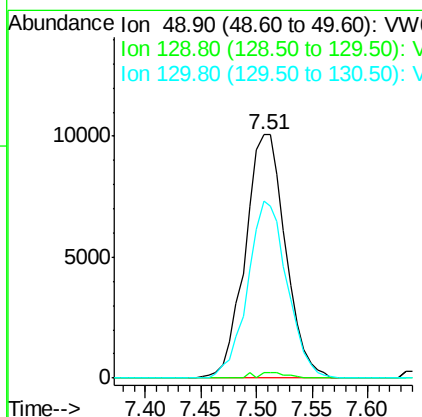
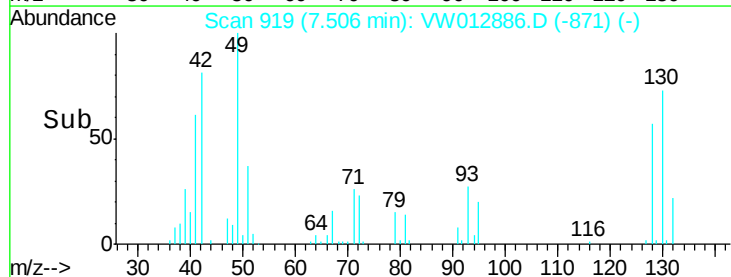
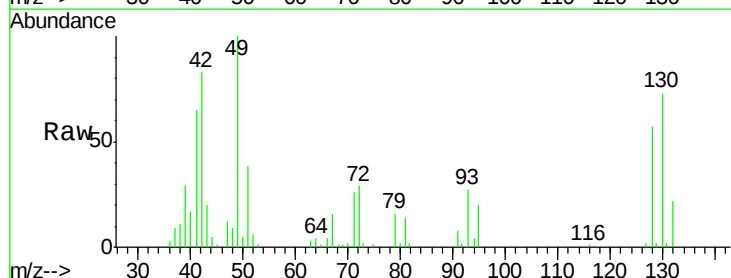
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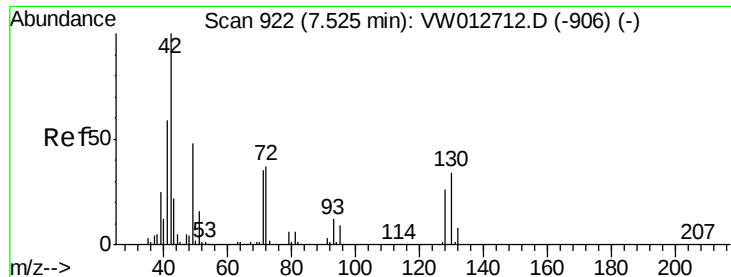


#28

Bromochloromethane
Concen: 17.541 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	0.8#
130	70.9	49.8	74.8





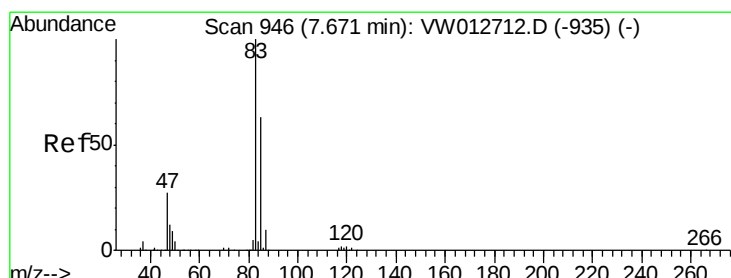
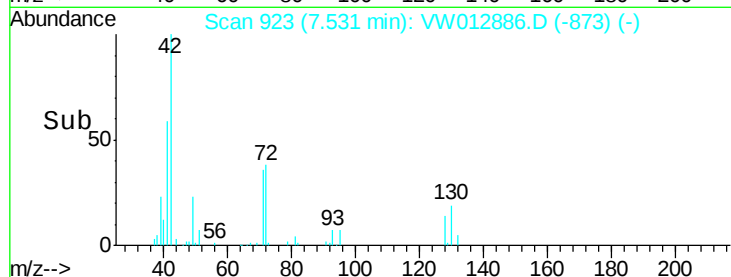
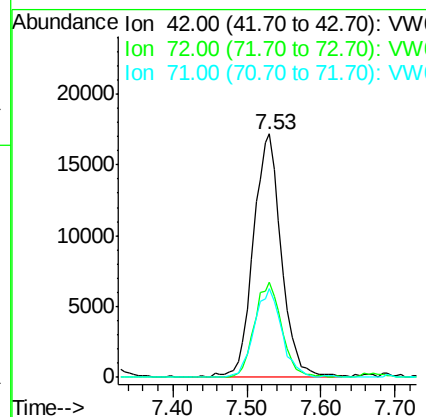
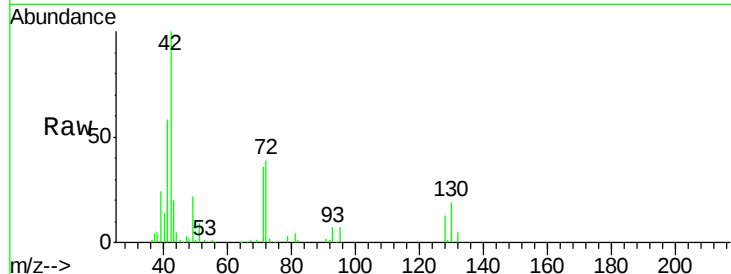
#29
Tetrahydrofuran
Concen: 106.944 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.1	28.4	42.6
71	35.7	27.1	40.7

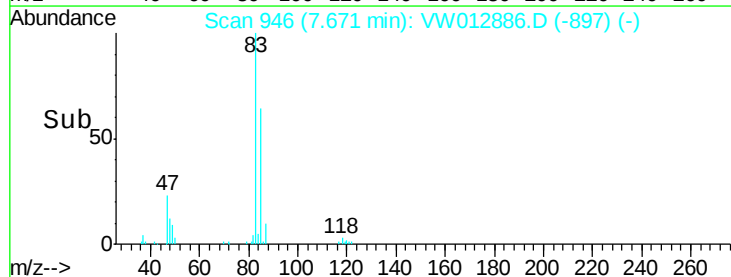
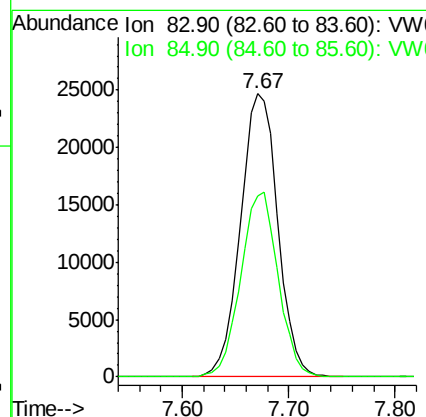
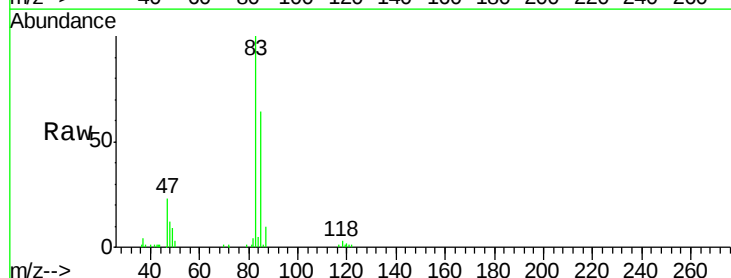
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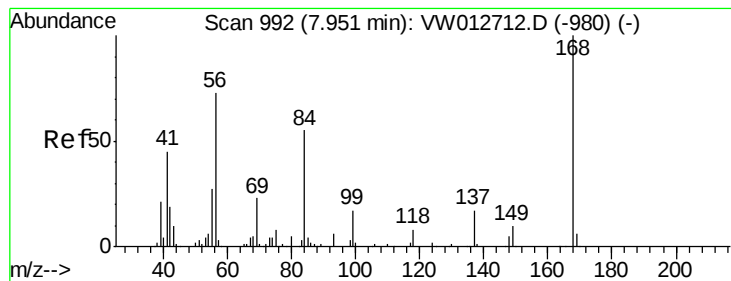
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#30
Chloroform
Concen: 19.362 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.6	76.0





#31

Cyclohexane

Concen: 18.685 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

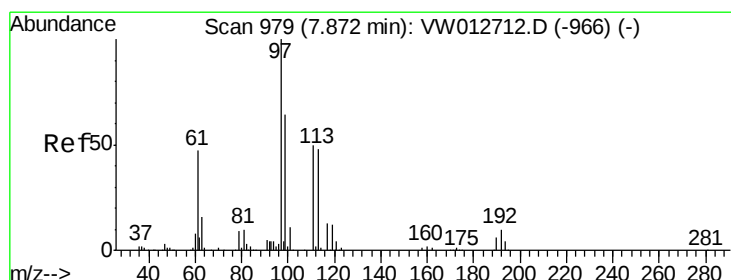
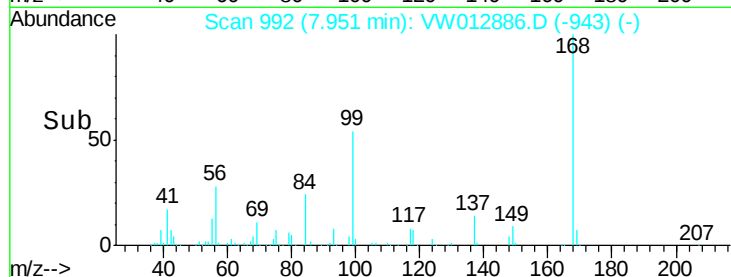
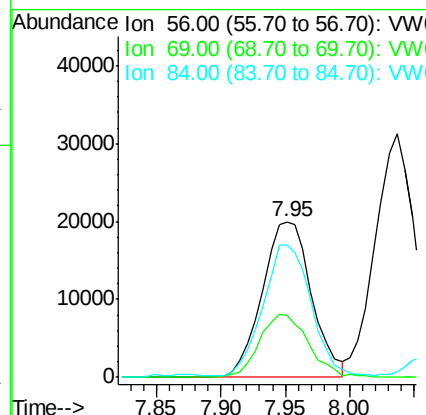
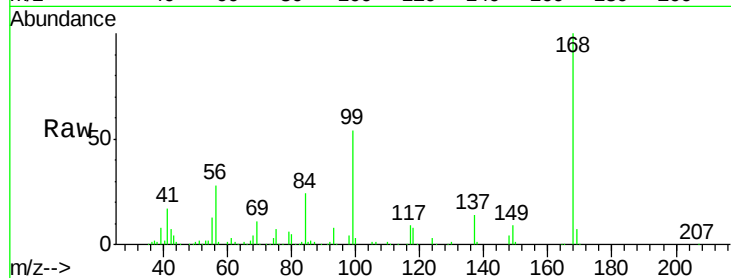
ClientSampleId :

VW0910SBSD02

Tot Ion:	56	Resp:	53176
Ion Ratio	Lower	Upper	
56	100		
69	39.4	25.7	38.5#
84	83.5	60.4	90.6

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#32

1,1,1-Trichloroethane

Concen: 19.559 ug/l

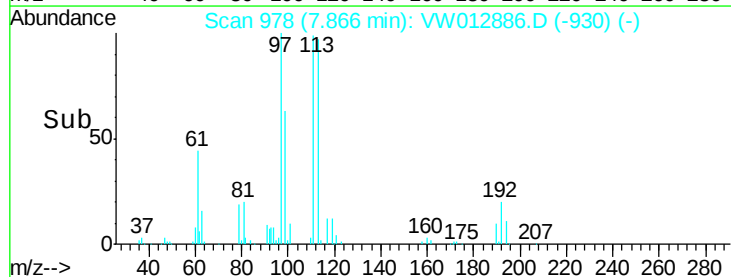
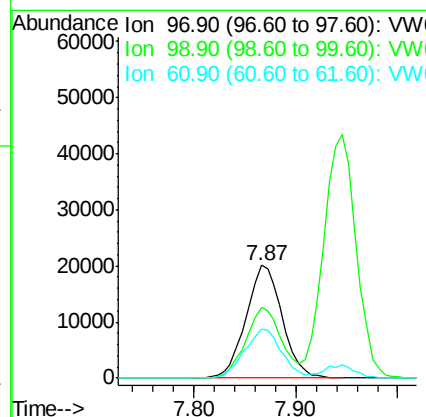
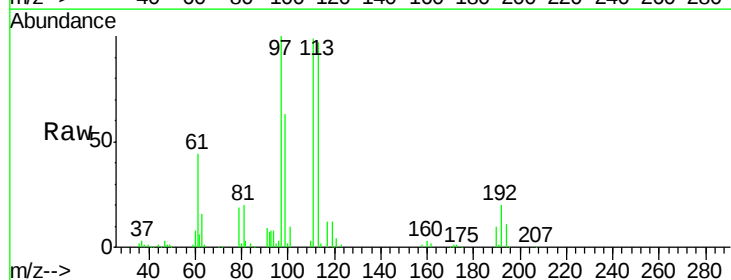
RT: 7.87 min Scan# 978

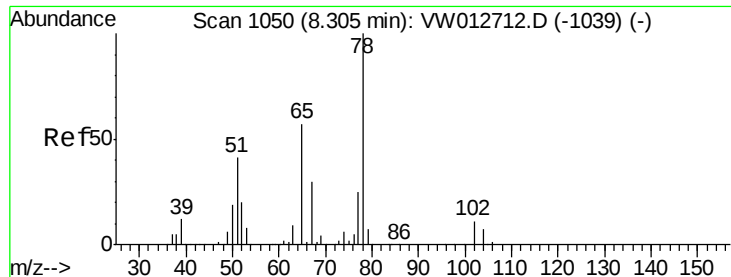
Delta R.T. -0.01 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Tgt Ion:	97	Resp:	49671
Ion Ratio	Lower	Upper	
97	100		
99	62.1	51.5	77.3
61	44.3	37.9	56.9





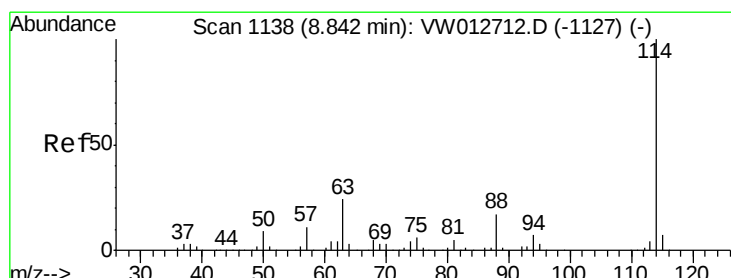
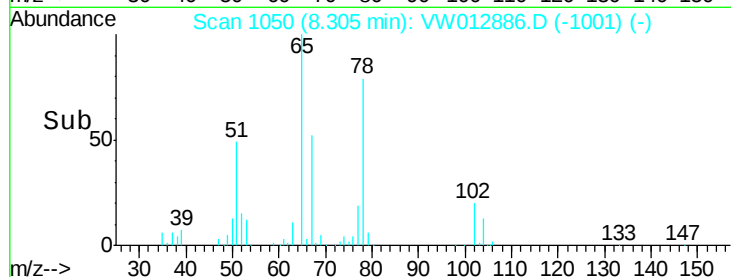
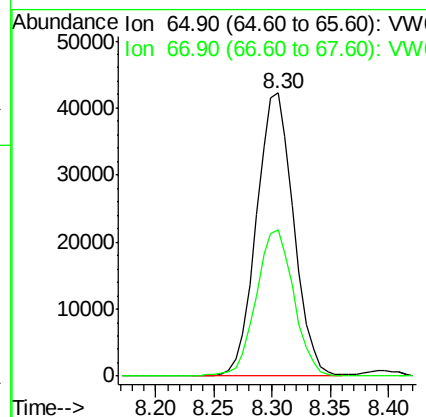
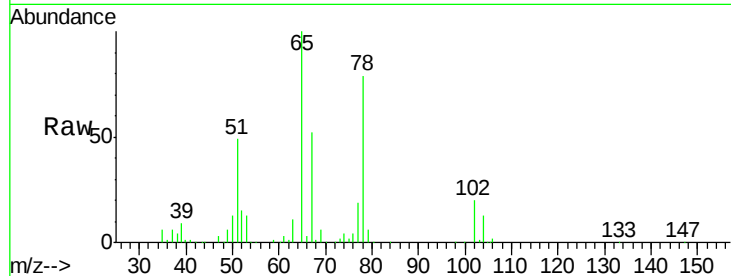
#33
 1,2-Dichloroethane-d4
 Concen: 48.451 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.4	0.0	101.8	

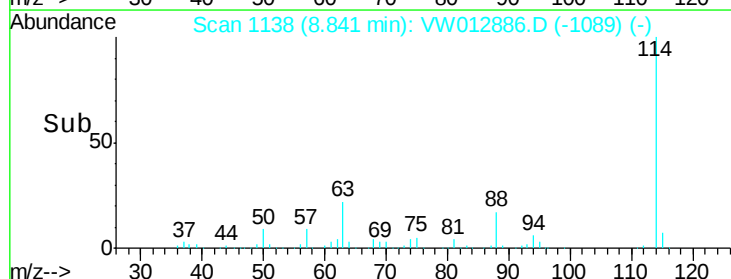
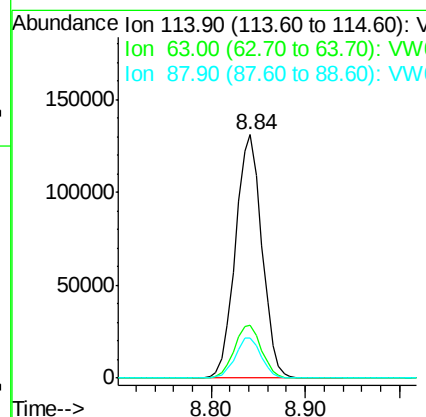
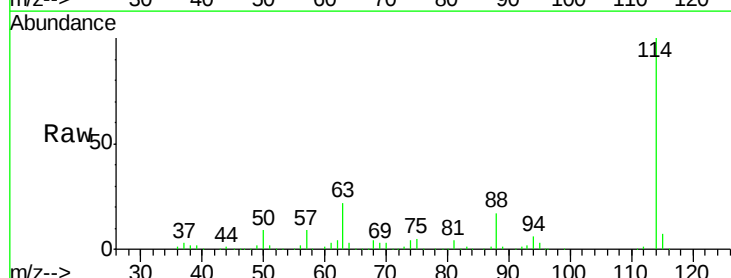
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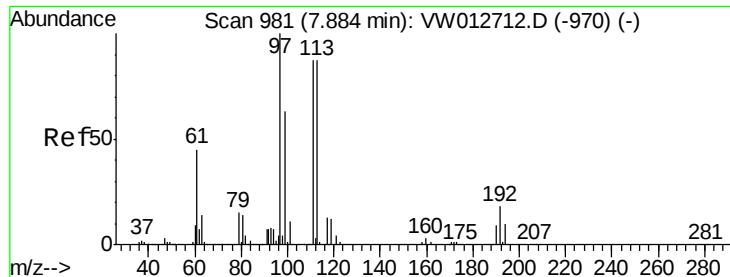
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.9	0.0	47.2	
88	16.5	0.0	34.0	





#35

Dibromofluoromethane

Concen: 50.178 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

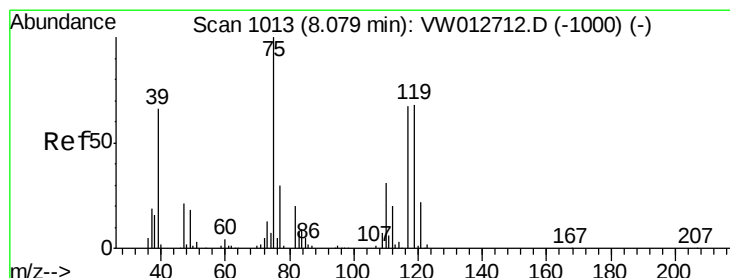
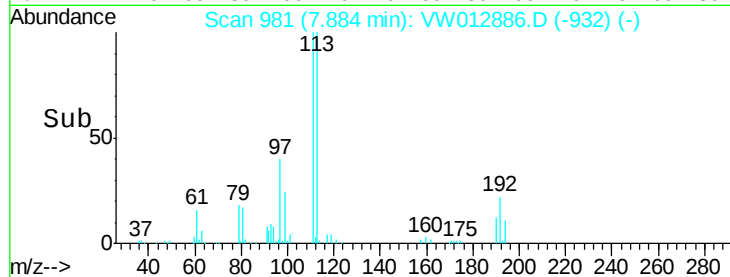
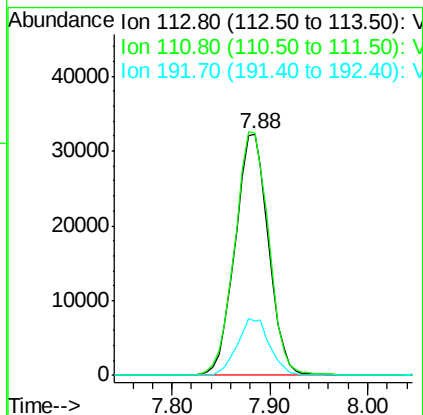
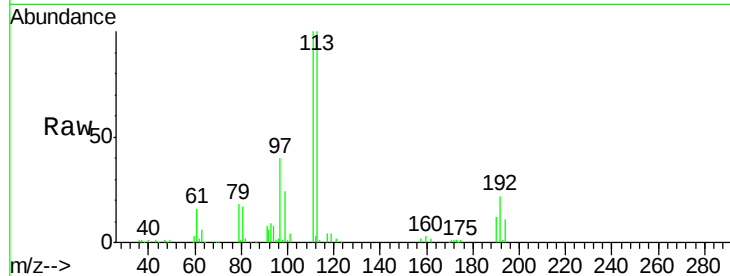
ClientSampleId :

VW0910SBSD02

Tot Ion:	113	Resp:	76224
Ion Ratio	Lower	Upper	
113	100		
111	102.8	80.2	120.4
192	22.8	17.3	25.9

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#36

1,1-Dichloropropene

Concen: 20.248 ug/l

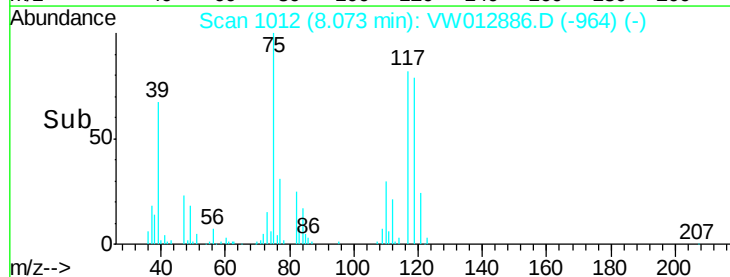
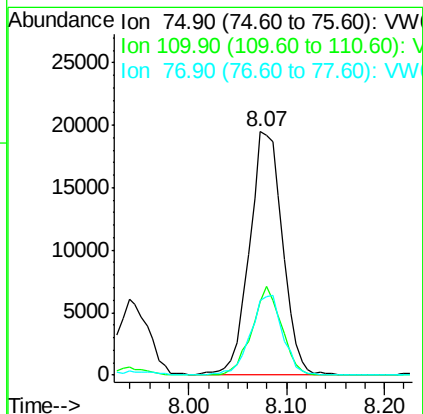
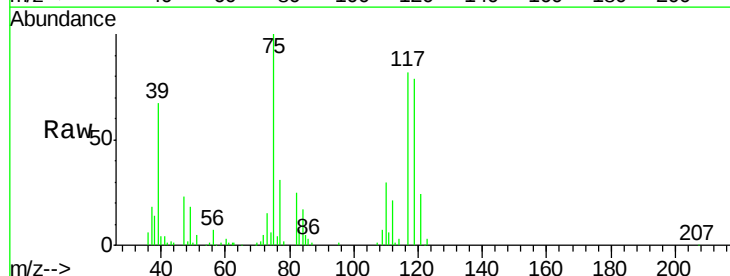
RT: 8.07 min Scan# 1012

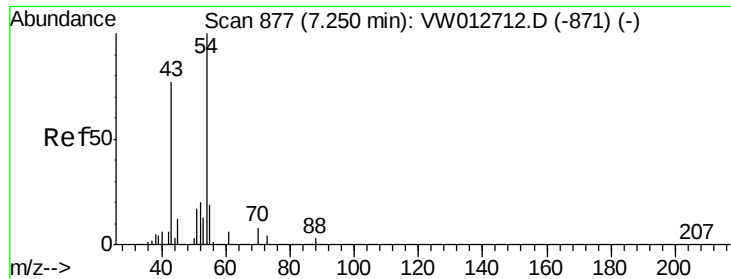
Delta R.T. -0.01 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Tgt Ion:	75	Resp:	45968
Ion Ratio	Lower	Upper	
75	100		
110	32.4	15.9	47.7
77	31.7	25.0	37.4





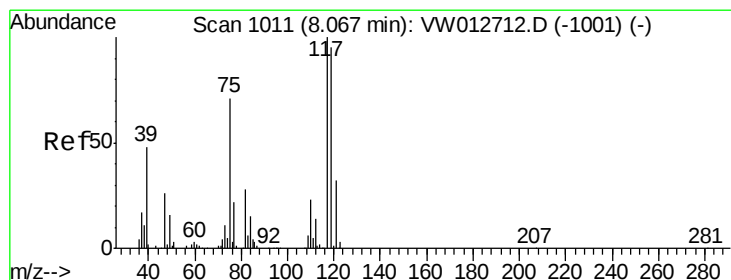
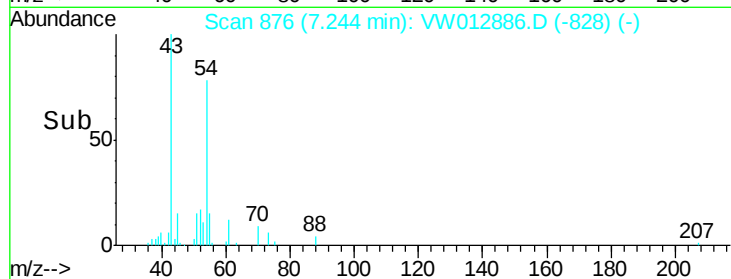
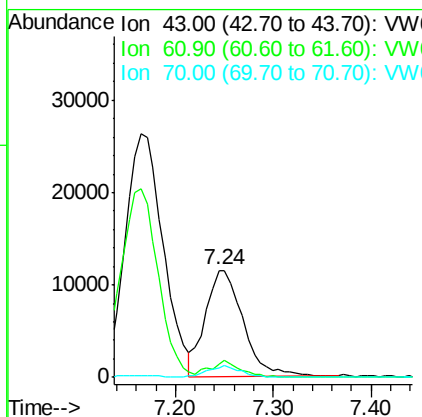
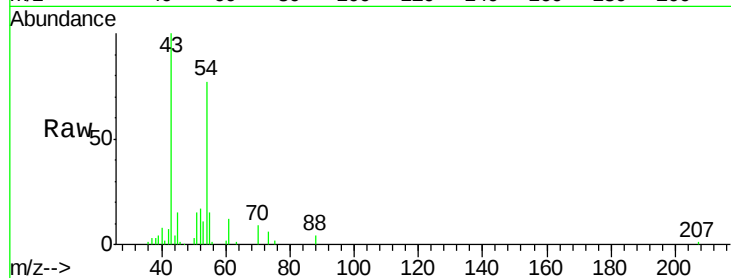
#37
Ethyl Acetate
Concen: 21.131 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	9.5	14.3
70	10.0	7.0	10.6

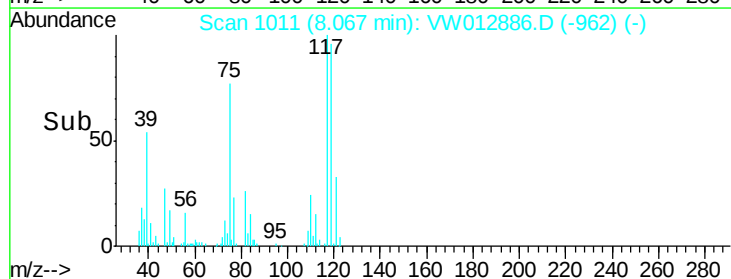
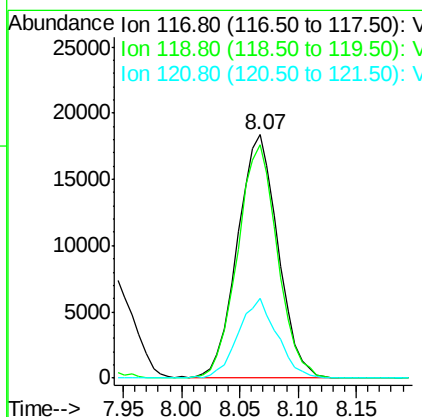
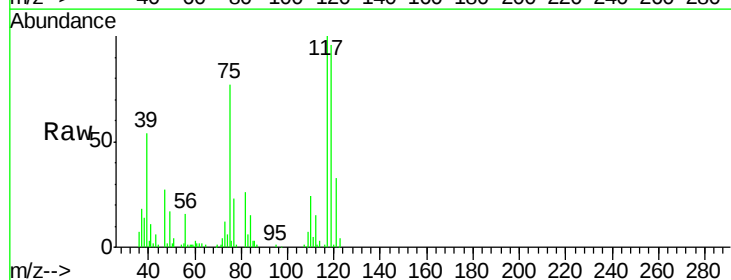
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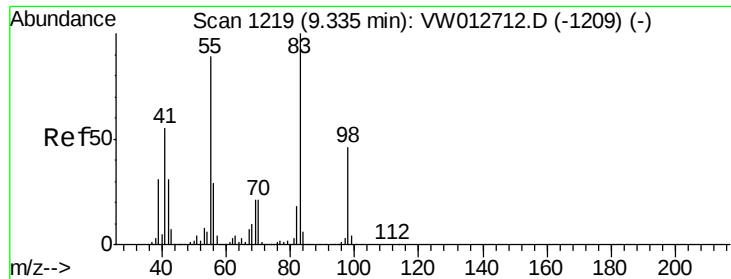
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#38
Carbon Tetrachloride
Concen: 19.913 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.2	114.2
121	32.9	25.4	38.2





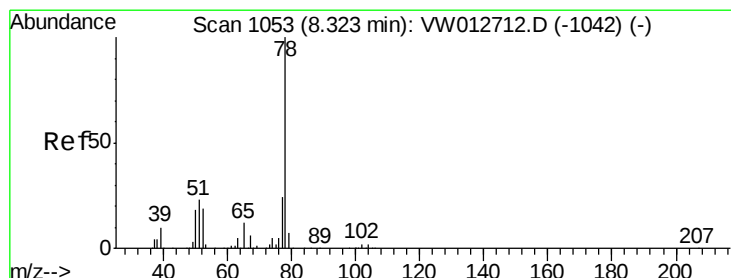
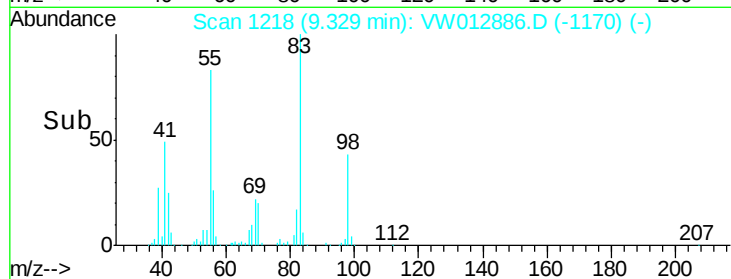
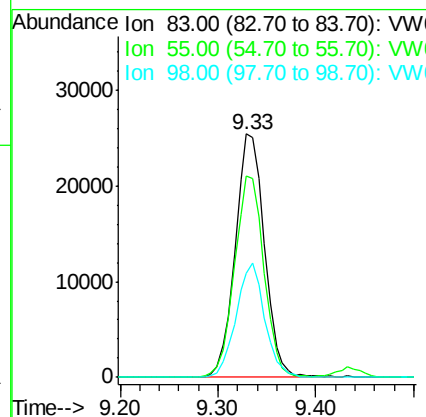
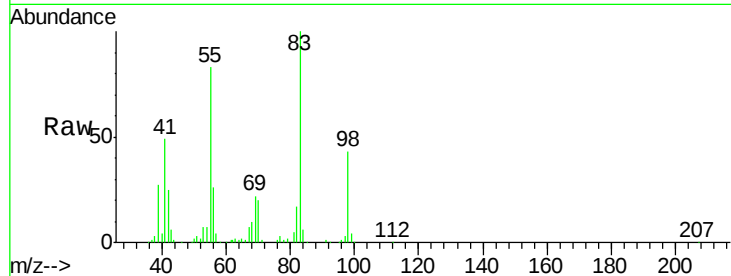
#39
Methvlcvclohexane
Concen: 20.652 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.9	71.0	106.4
98	42.9	36.9	55.3

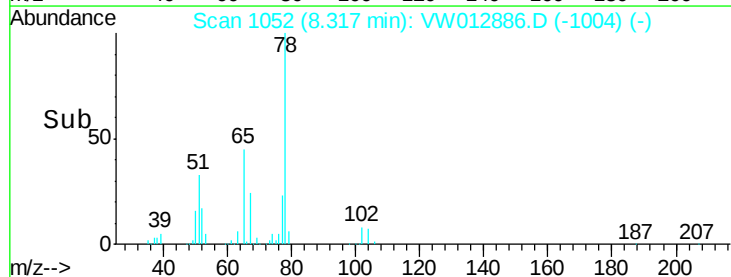
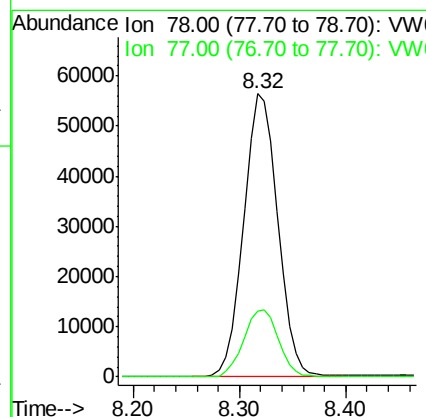
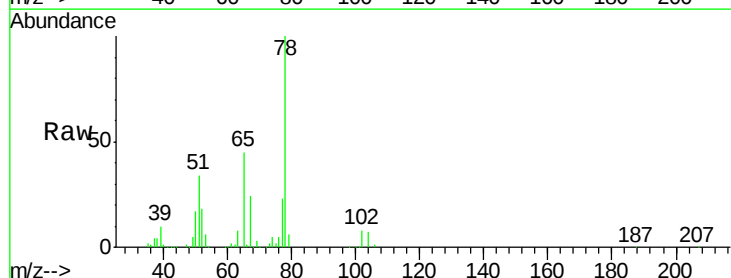
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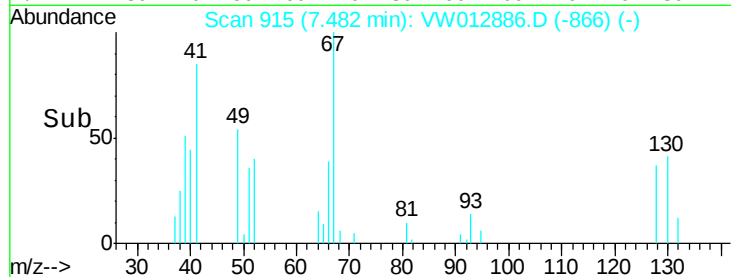
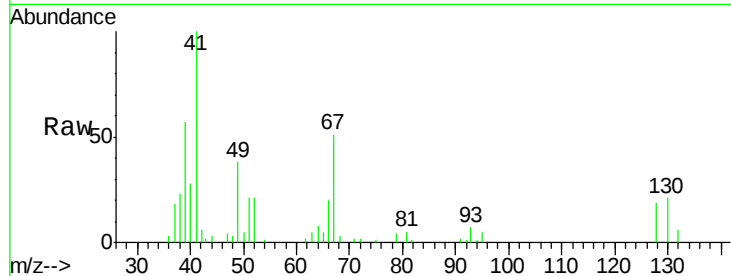
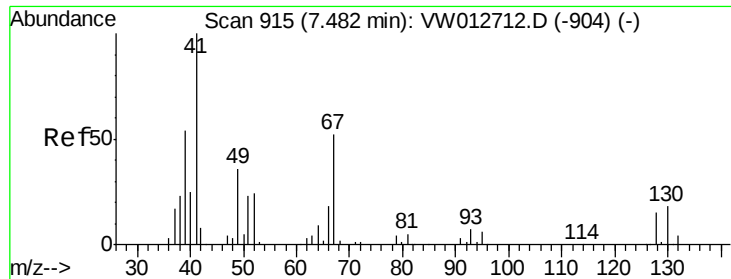
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#40
Benzene
Concen: 20.257 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.3	28.9





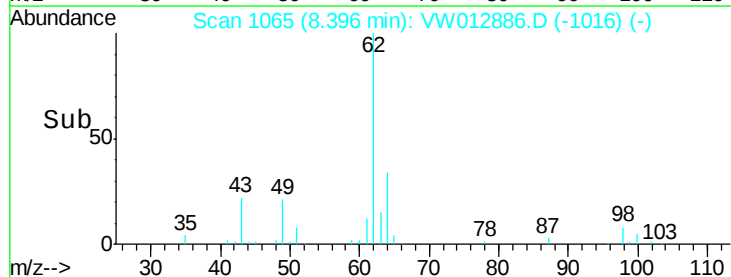
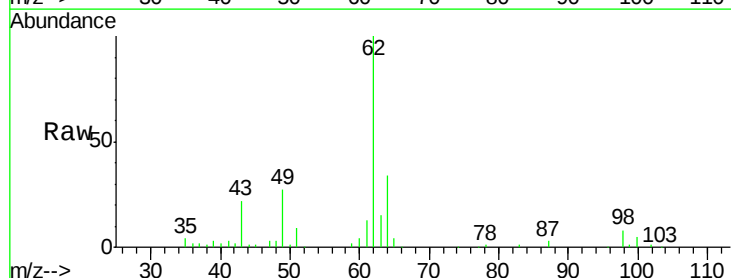
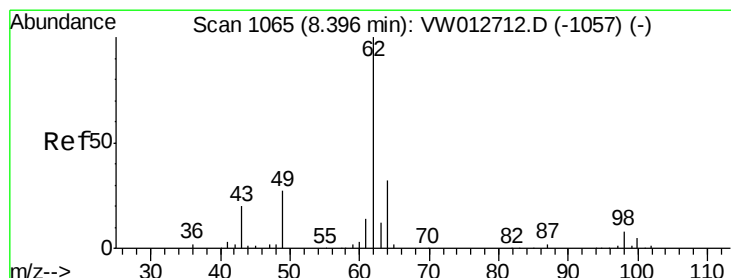
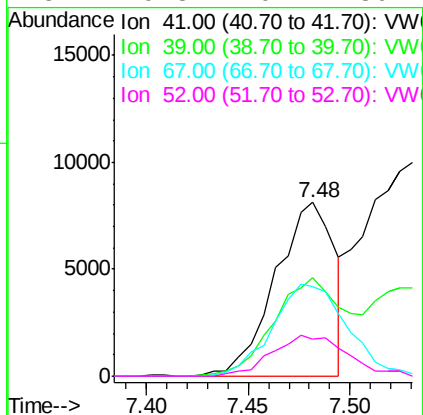
#41
Methacrylonitrile
Concen: 19.295 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		16470		
39	70.8	47.5	71.3		
67	66.6	45.1	67.7		
52	29.8	20.2	30.2		

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

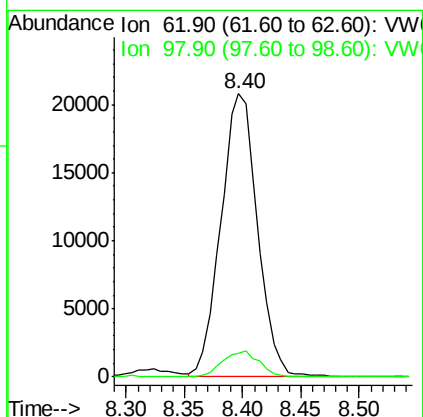
Manual Integrations
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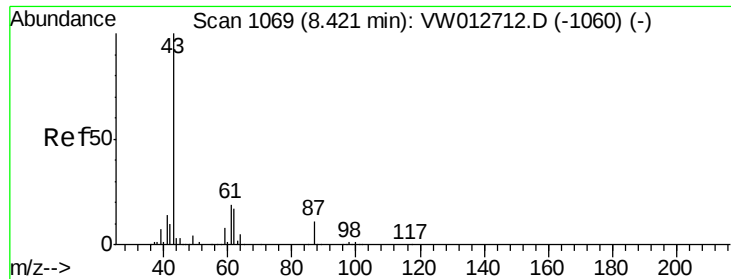
MMDadoda
9/11/2019 9:26:31 AM



#42
1,2-Dichloroethane
Concen: 20.439 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		45309		
98	9.3	0.0	16.2		





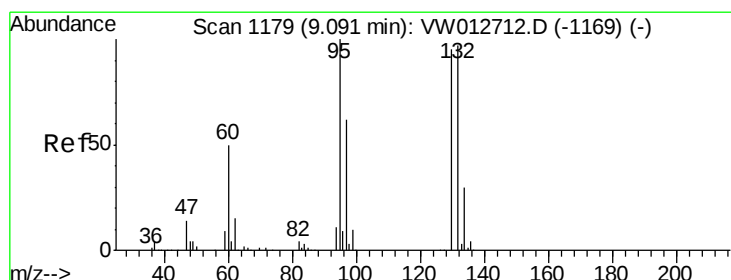
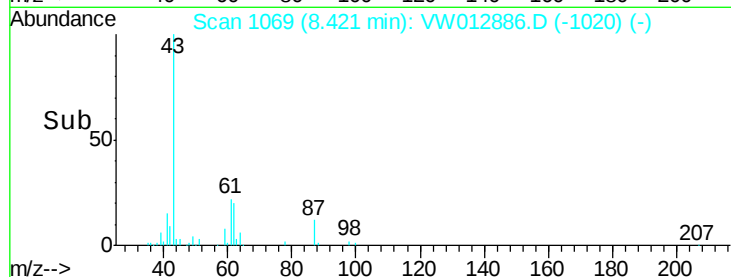
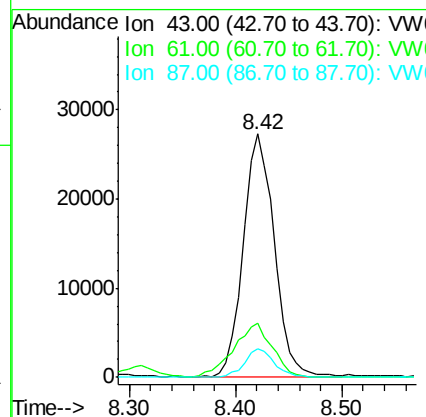
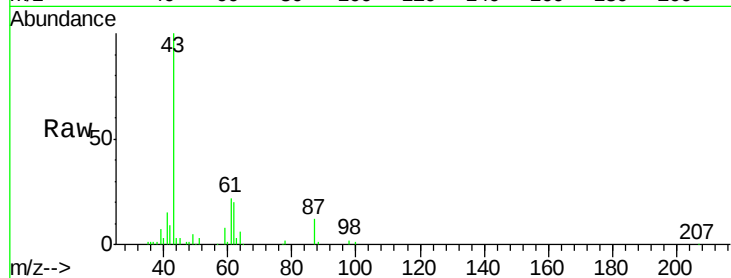
#43
Isopropyl Acetate
Concen: 20.394 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.7	20.6	30.8
87	11.1	8.6	13.0

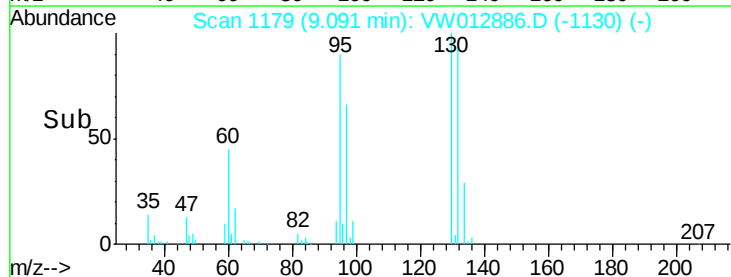
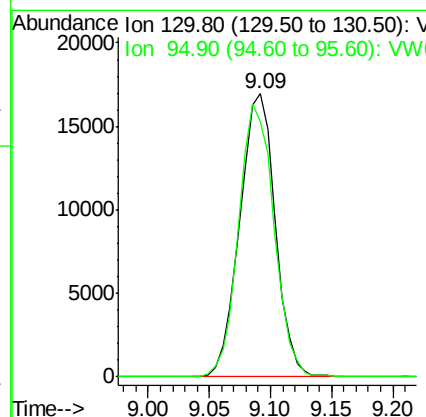
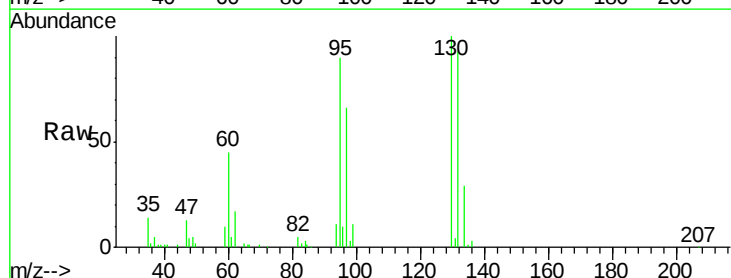
Manual Integrations
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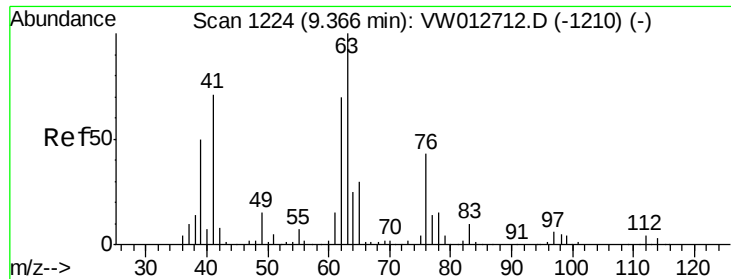
MMDadoda
9/11/2019 9:26:31 AM



#44
Trichloroethene
Concen: 21.012 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	210.6





#45

1,2-Dichloropropane

Concen: 19.381 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD02

Tot Ion: 63 Resp: 33860

Ion Ratio Lower Upper

63 100

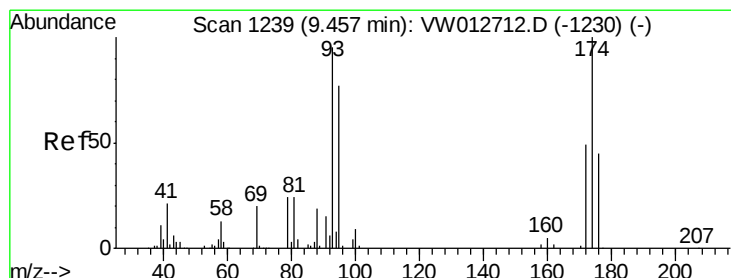
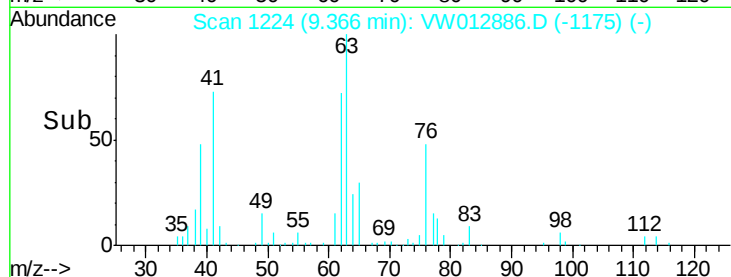
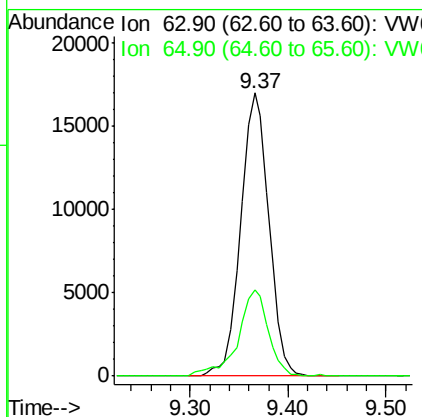
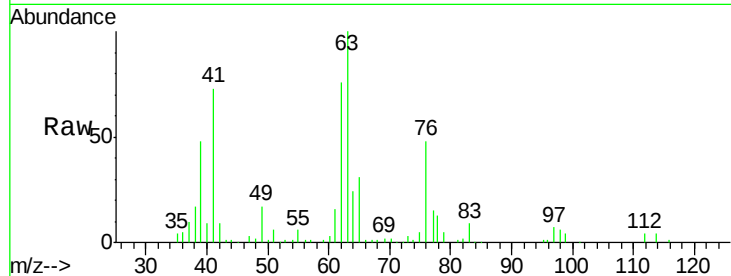
65 30.6 23.8 35.8

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#46

Dibromomethane

Concen: 21.426 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

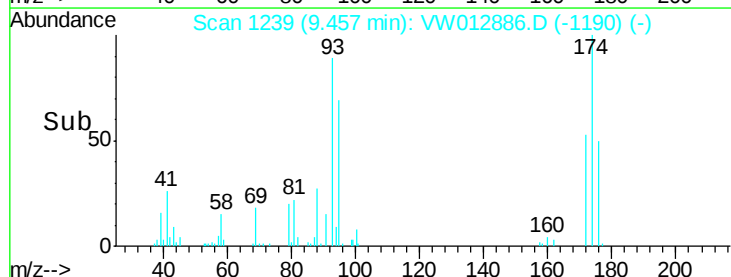
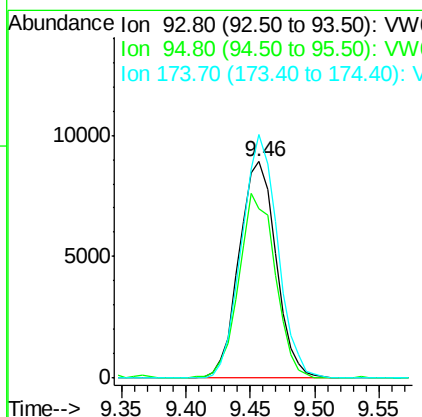
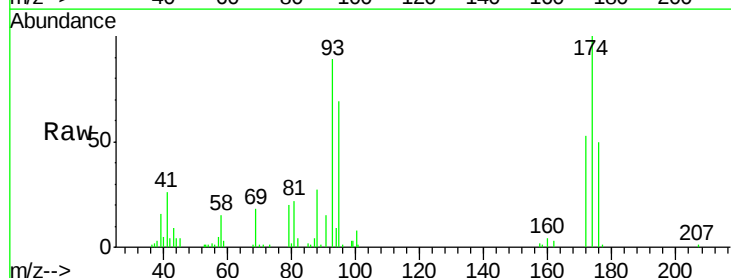
Tgt Ion: 93 Resp: 17725

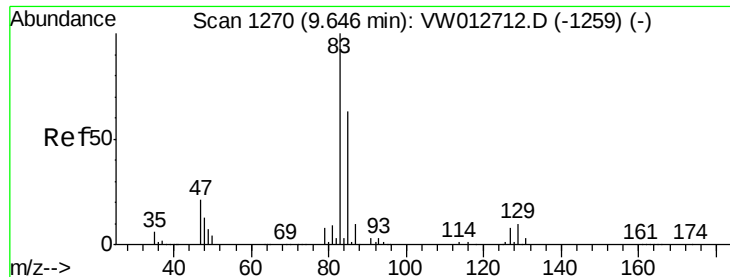
Ion Ratio Lower Upper

93 100

95 83.5 65.2 97.8

174 109.1 84.2 126.4





#47

Bromodichloromethane

Concen: 19.357 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

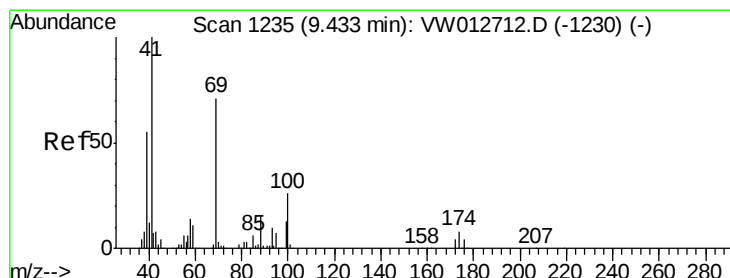
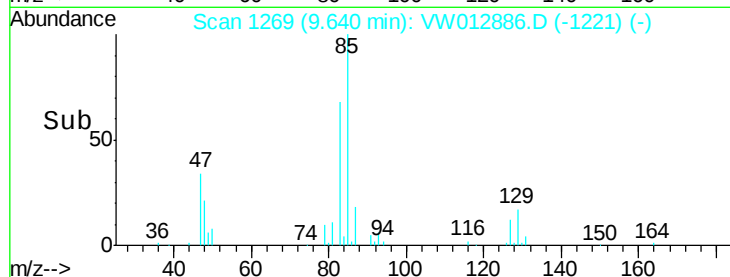
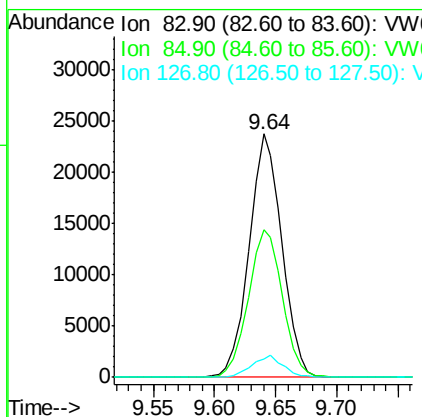
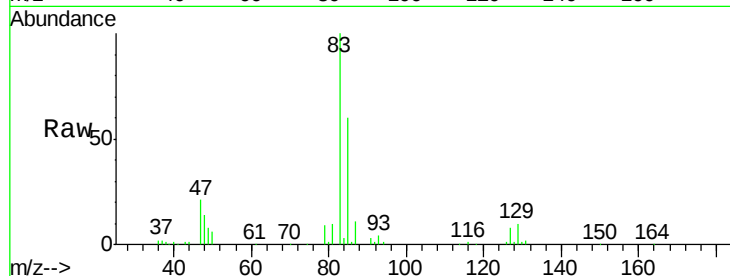
ClientSampleId :

VW0910SBSD02

Tot Ion:	83	Resp:	44057
Ion	Ratio	Lower	Upper
83	100		
85	60.4	50.2	75.2
127	7.5	6.6	9.8

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#48

Methyl methacrylate

Concen: 19.719 ug/l

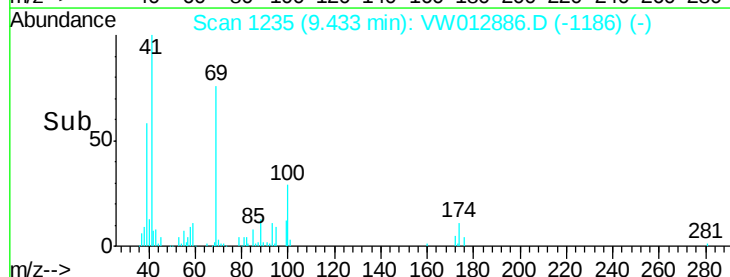
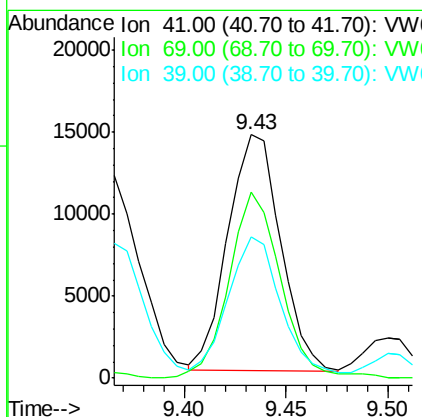
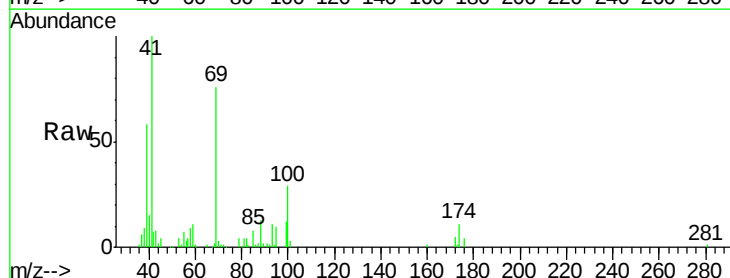
RT: 9.43 min Scan# 1235

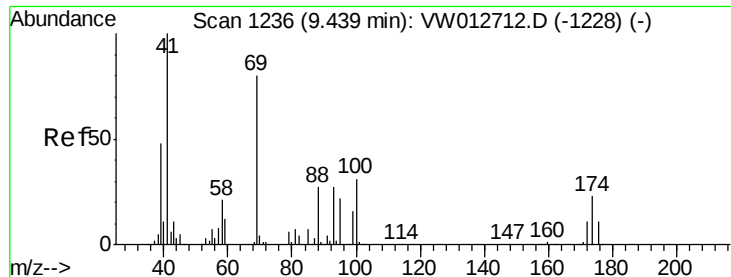
Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Tgt Ion:	41	Resp:	25838
Ion	Ratio	Lower	Upper
41	100		
69	77.2	59.8	89.8
39	60.7	47.0	70.6





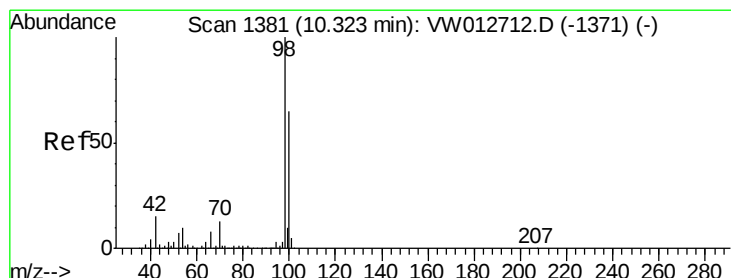
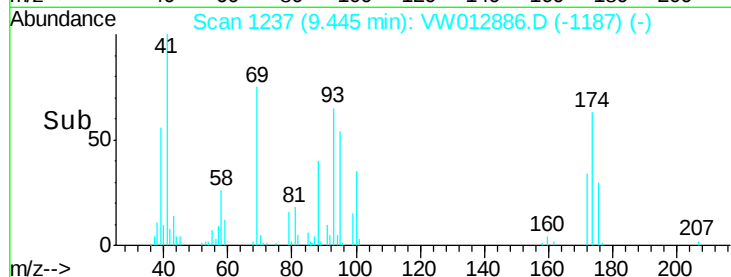
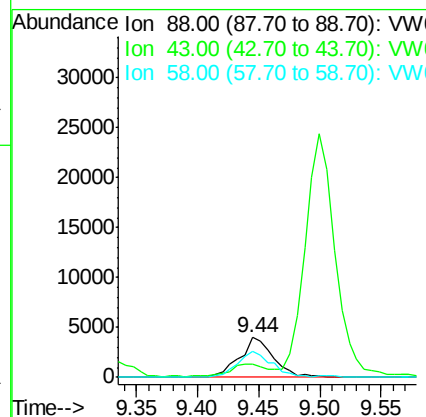
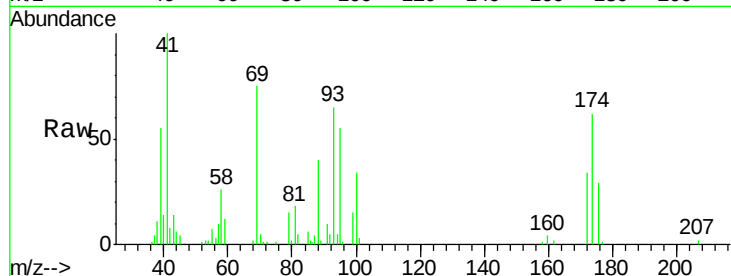
#49
1,4-Dioxane
Concen: 471.139 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
88	100	7699		
43	35.0		34.8	52.2
58	67.4		64.1	96.1

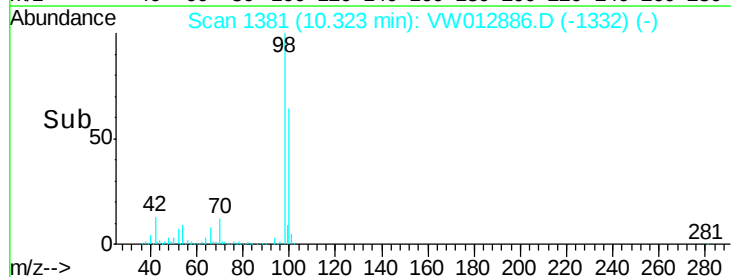
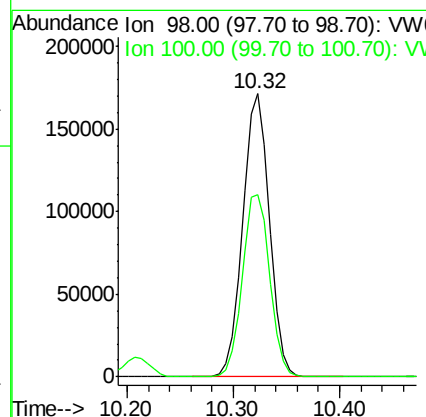
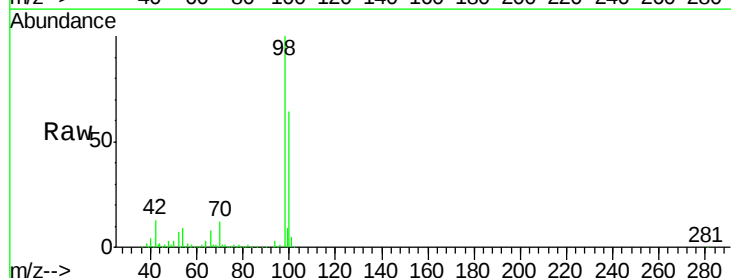
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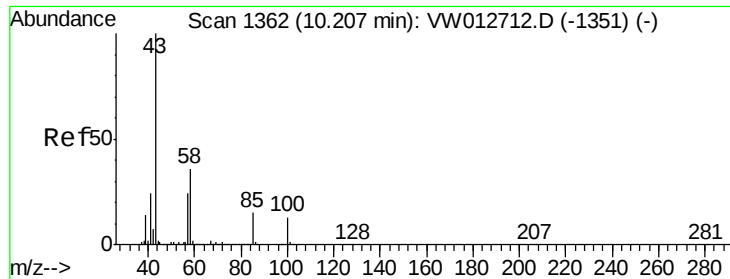
MMDadoda
9/11/2019 9:26:31 AM



#50
Toluene-d8
Concen: 50.705 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	301768		
100	65.9		52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 106.132 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD02

Tot Ion: 43 Resp: 152697

Ion Ratio Lower Upper

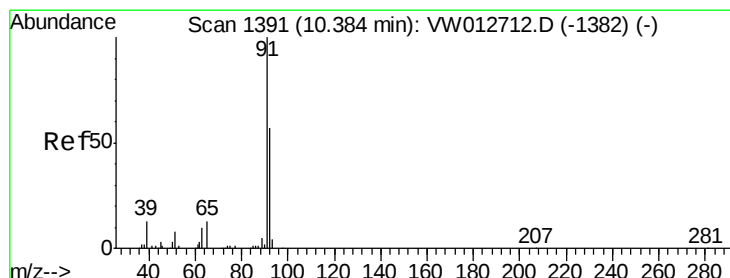
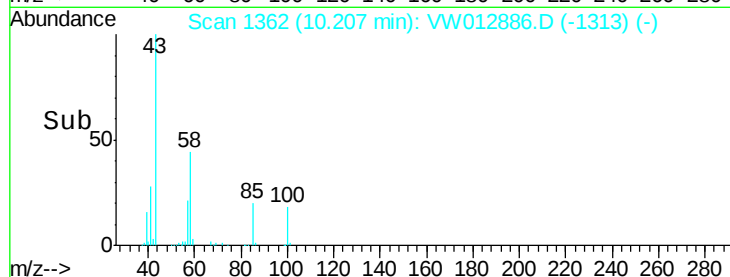
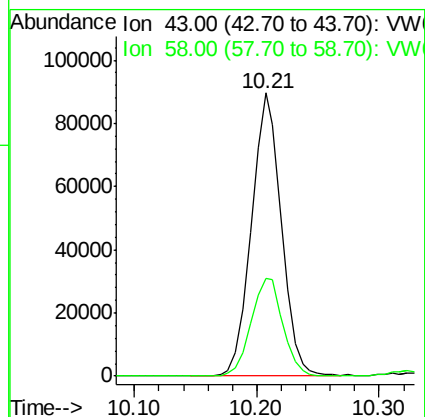
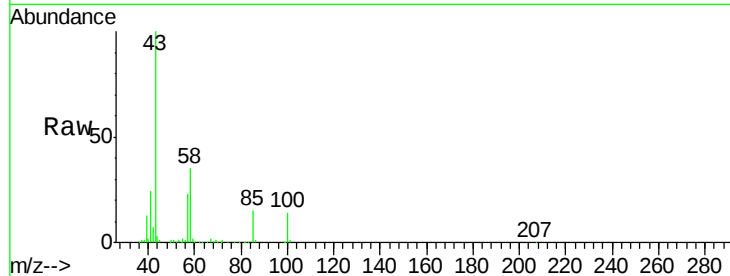
43 100

58 36.8 28.4 42.6

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#52

Toluene

Concen: 20.438 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW012886.D

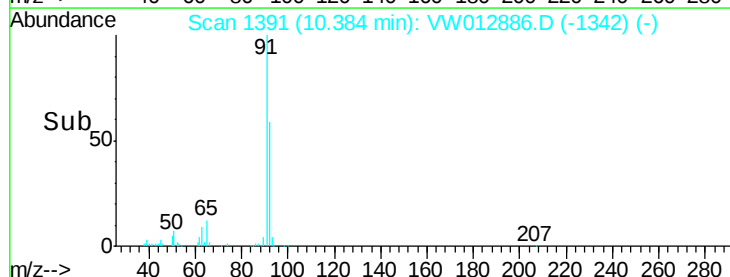
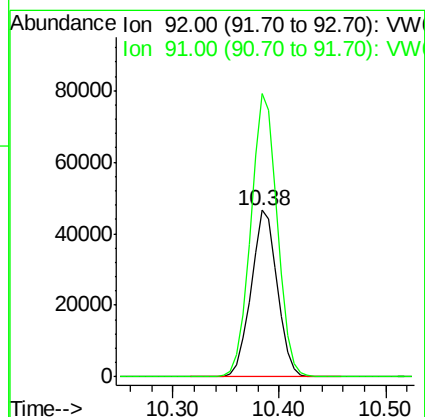
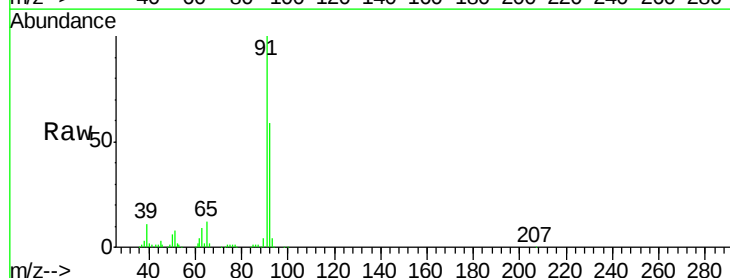
Acq: 10 Sep 2019 23:44

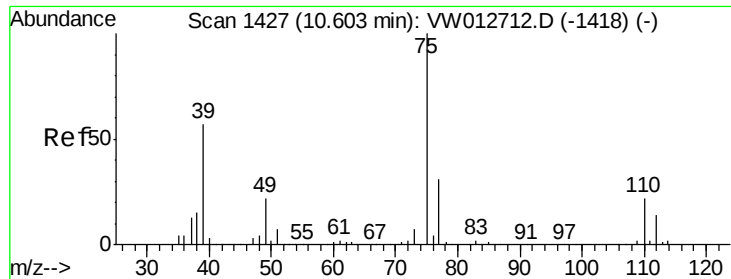
Tgt Ion: 92 Resp: 80351

Ion Ratio Lower Upper

92 100

91 171.7 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 19.073 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD02

Tot Ion: 75 Resp: 44639

Ion Ratio Lower Upper

75 100

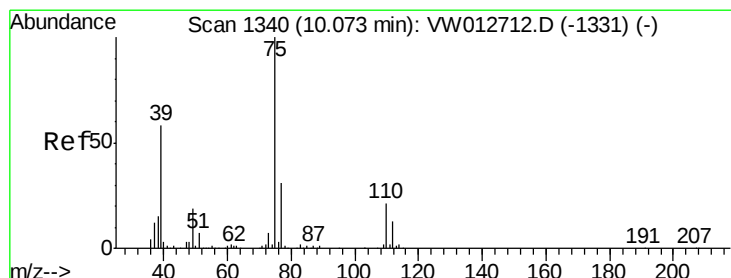
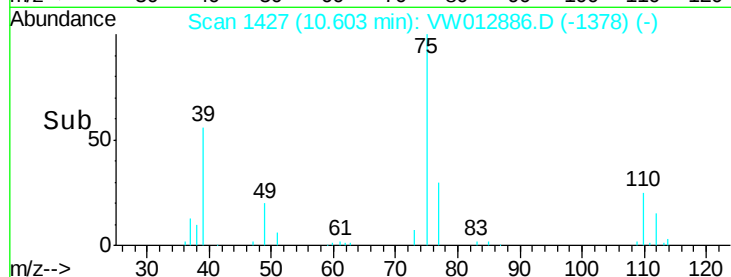
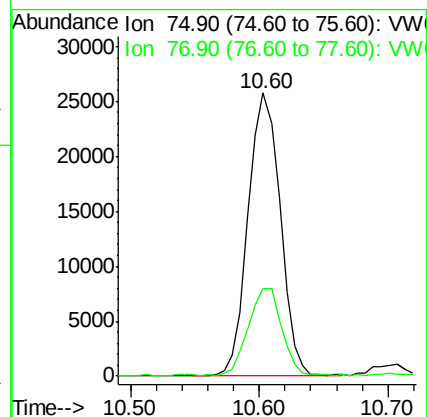
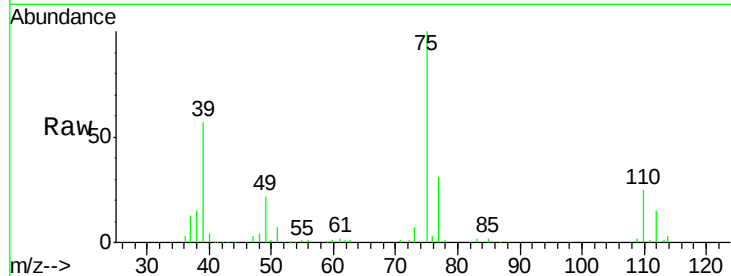
77 30.3 24.7 37.1

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#54

cis-1,3-Dichloropropene

Concen: 19.408 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

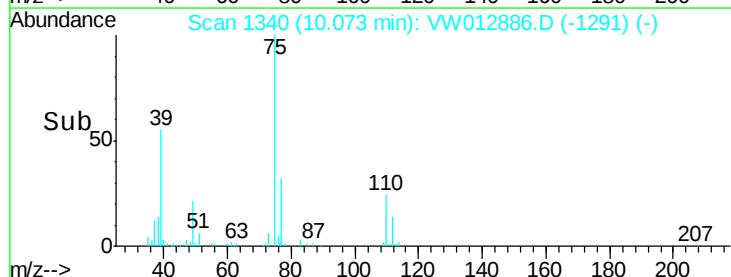
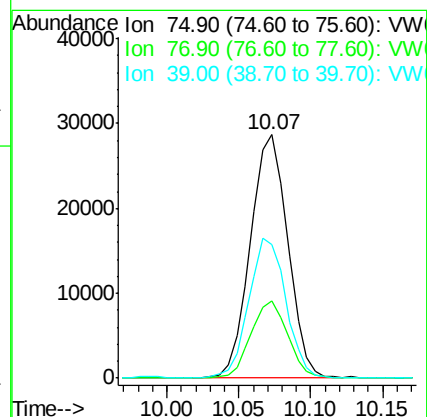
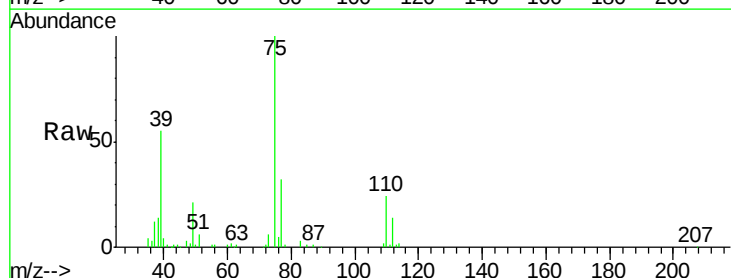
Tgt Ion: 75 Resp: 51527

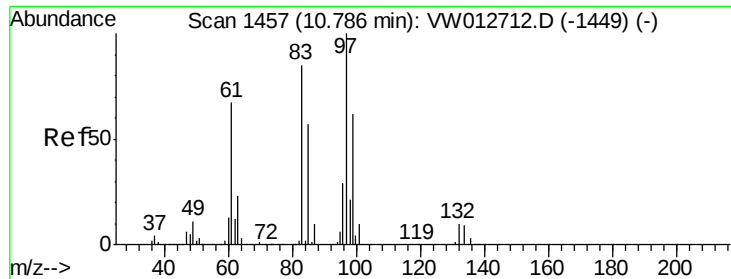
Ion Ratio Lower Upper

75 100

77 31.8 24.6 36.8

39 54.5 46.3 69.5





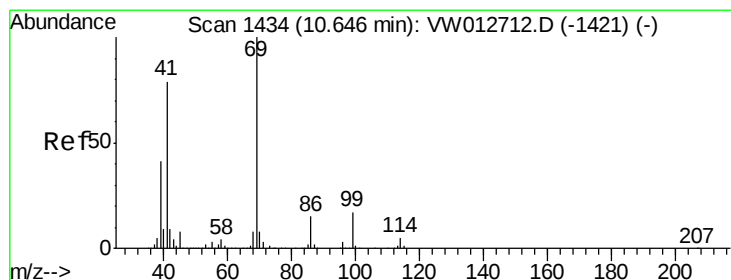
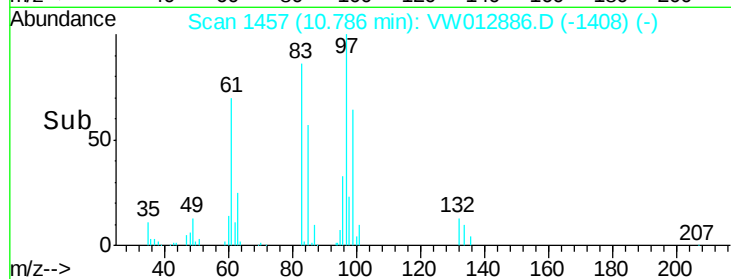
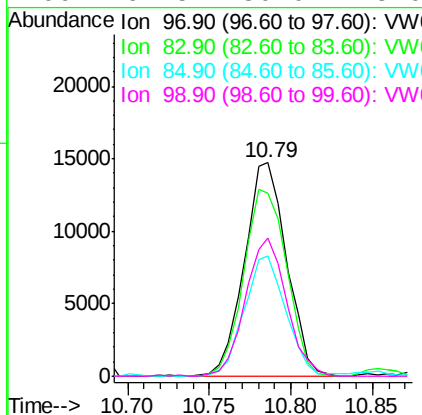
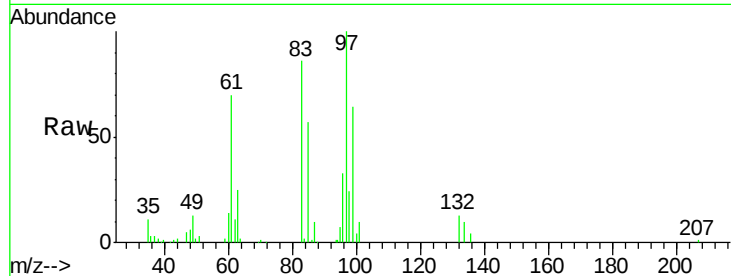
#55
 1,1,2-Trichloroethane
 Concen: 21.433 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
97	100	26546		
83	85.5	68.1	102.1	
85	56.6	45.3	67.9	
99	64.5	50.0	75.0	

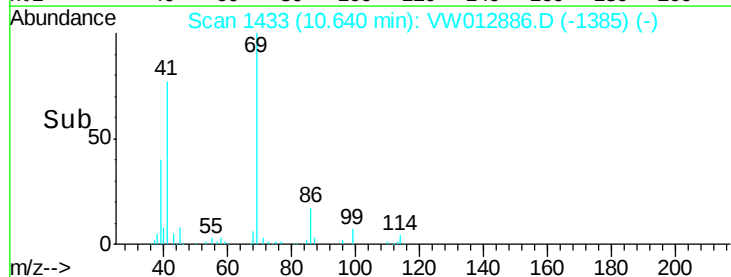
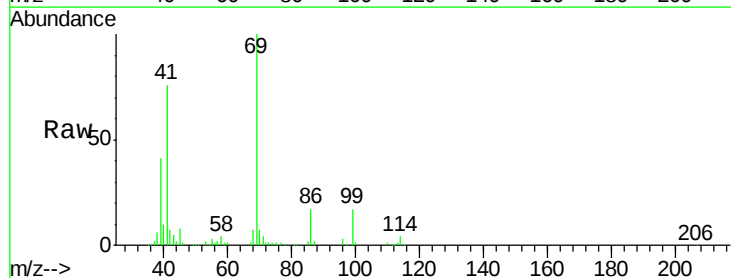
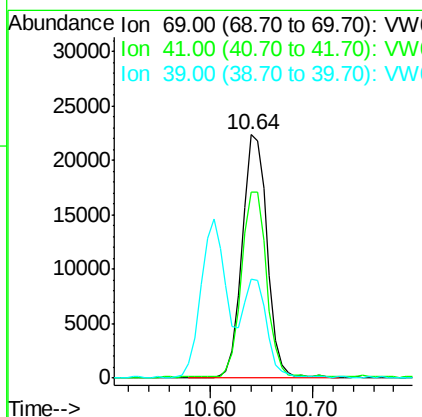
Manual Integrations
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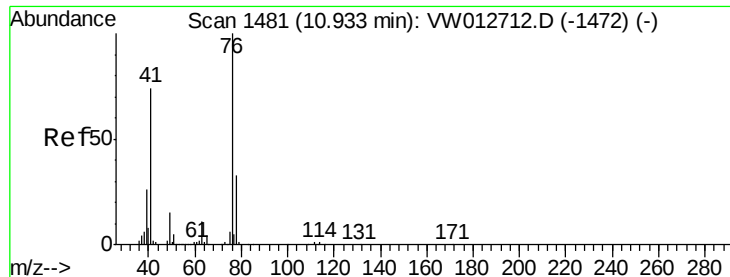
MMDadoda
 9/11/2019 9:26:31 AM



#56
 Ethyl methacrylate
 Concen: 21.008 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	38087		
41	75.3	64.4	96.6	
39	35.6	31.1	46.7	





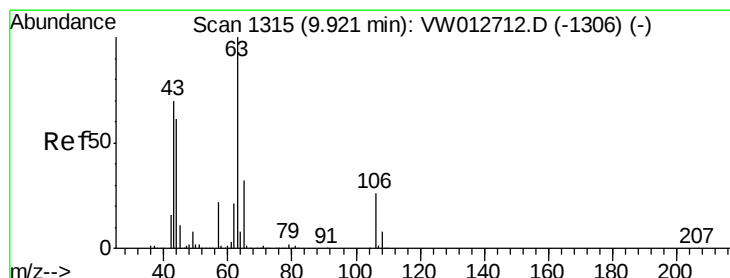
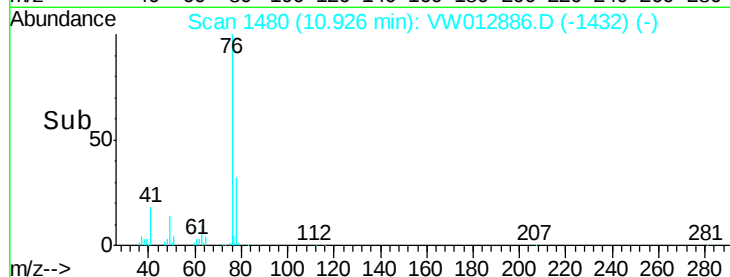
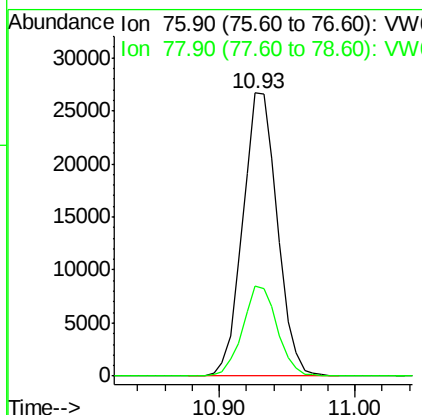
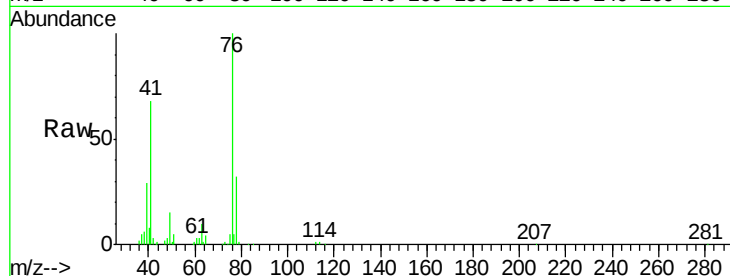
#57
 1,3-Dichloropropane
 Concen: 20.759 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

Tot Ion: 76 Resp: 47565
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.9 38.9

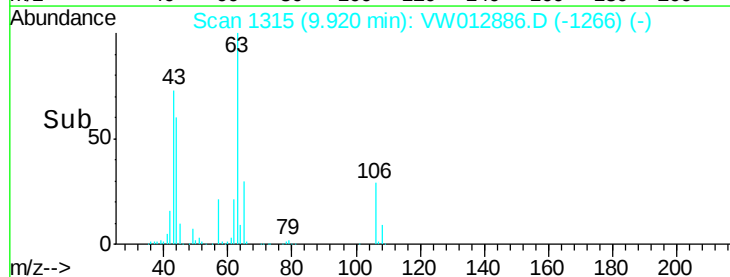
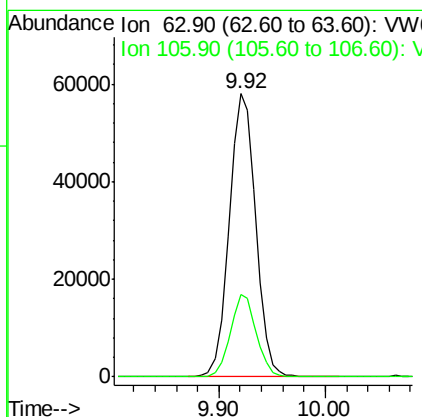
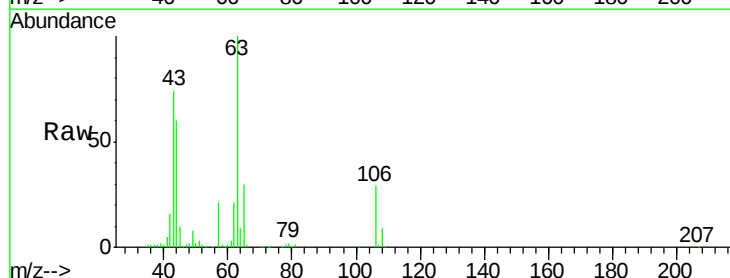
Manual Integrations
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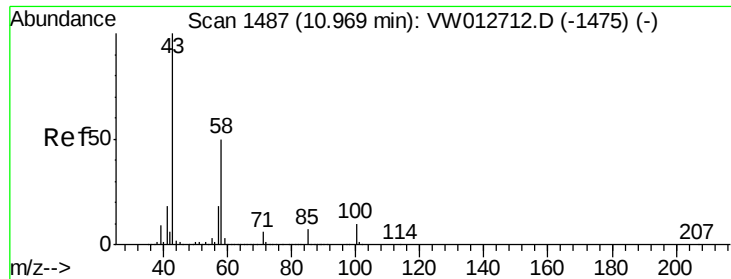
MMDadoda
 9/11/2019 9:26:31 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.940 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion: 63 Resp: 101002
 Ion Ratio Lower Upper
 63 100
 106 28.5 20.5 30.7





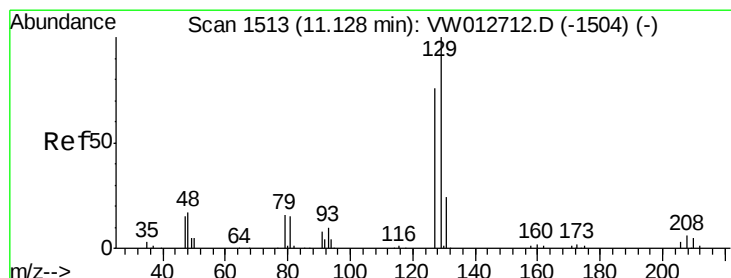
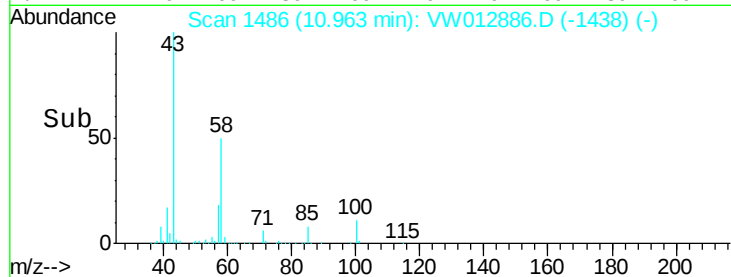
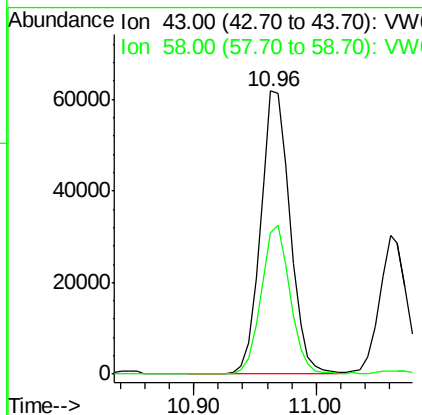
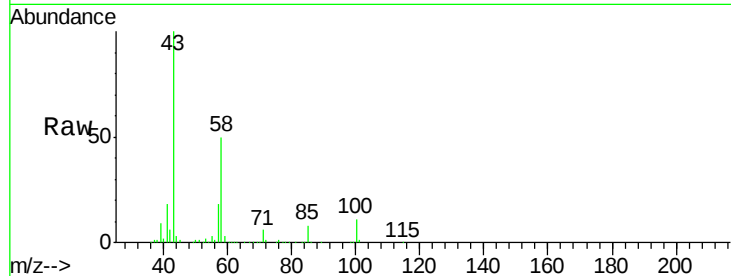
#59
2-Hexanone
Concen: 98.726 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

Tot Ion: 43 Resp: 103774
Ion Ratio Lower Upper
43 100
58 51.7 24.7 74.1

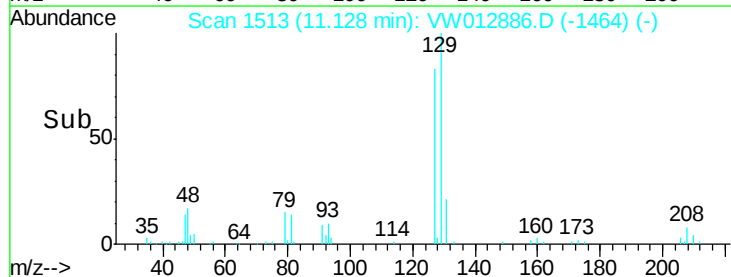
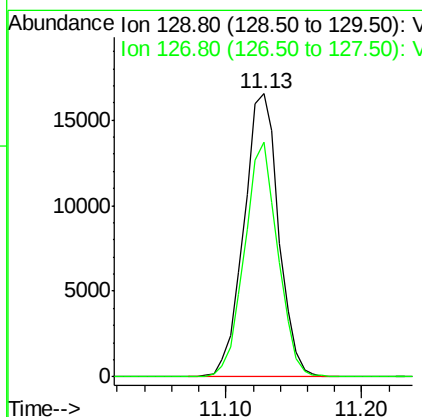
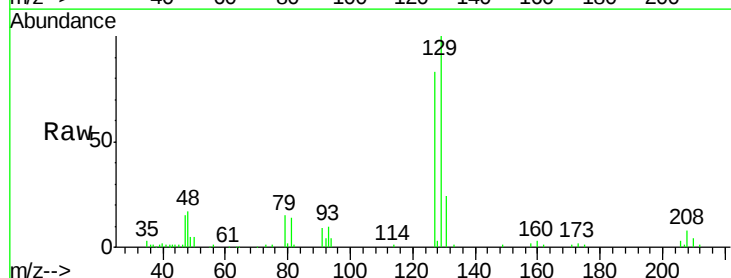
Manual Integrations
APPROVED

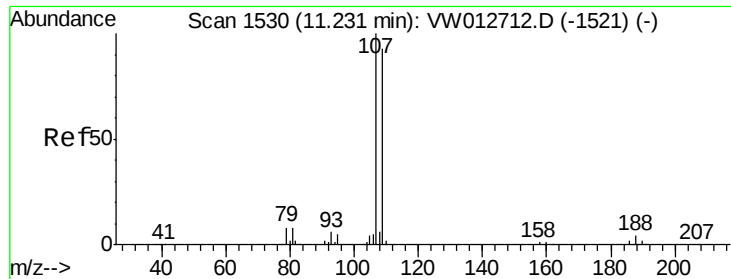
MMDadoda
9/11/2019 9:26:31 AM



#60
Dibromochloromethane
Concen: 20.348 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion: 129 Resp: 29639
Ion Ratio Lower Upper
129 100
127 79.0 38.6 115.8





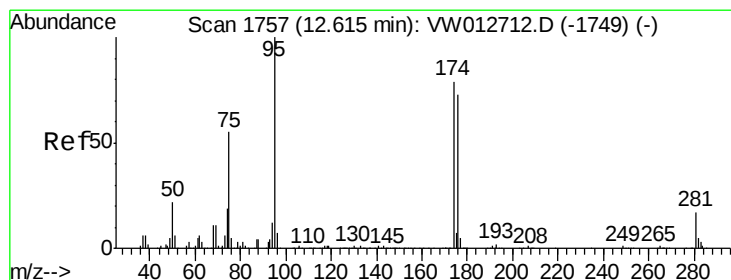
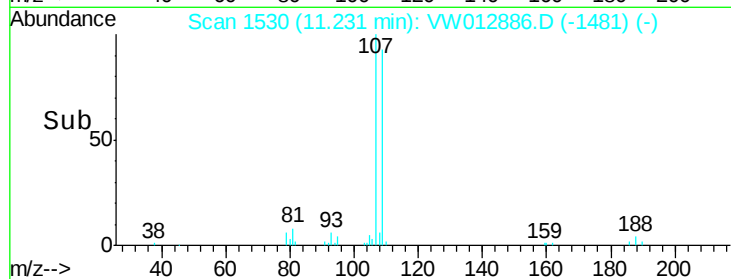
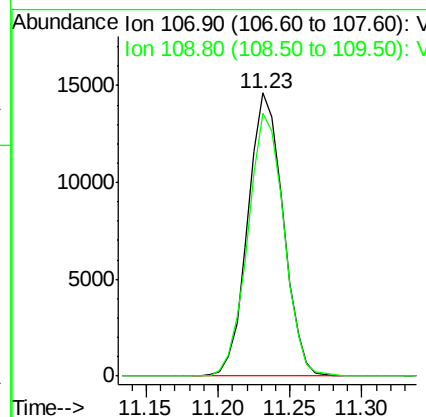
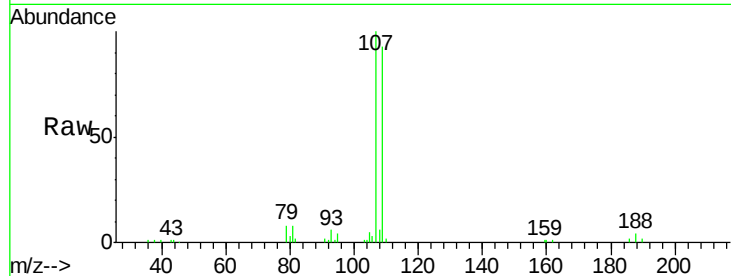
#61
 1,2-Dibromoethane
 Concen: 21.820 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.0	112.6

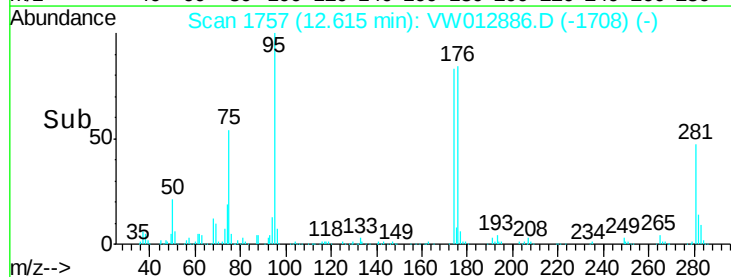
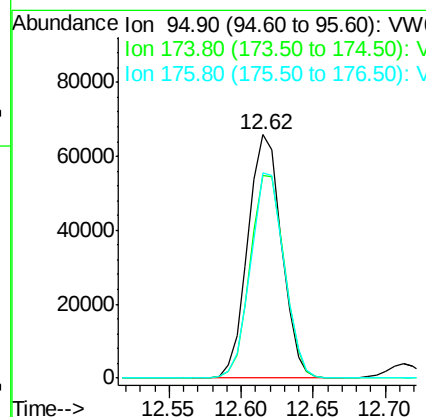
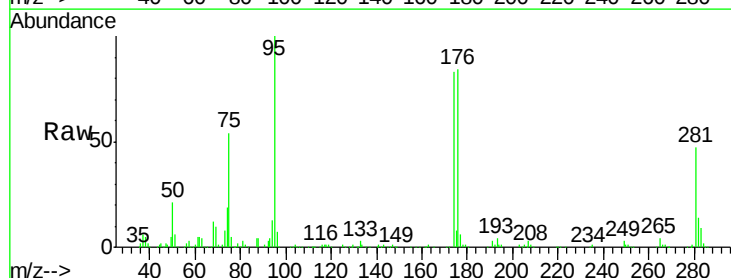
Manual Integrations
 APPROVED

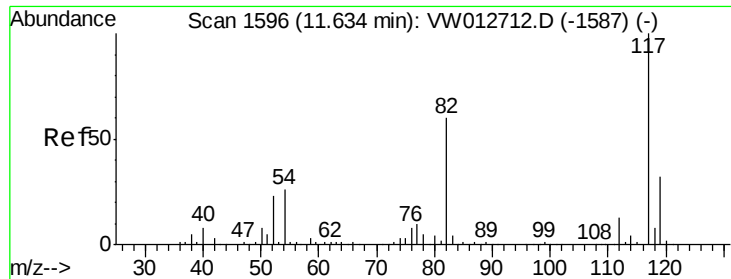
MMDadoda
 9/11/2019 9:26:31 AM



#62
 4-Bromofluorobenzene
 Concen: 49.501 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	161.0
176	83.5	0.0	156.4





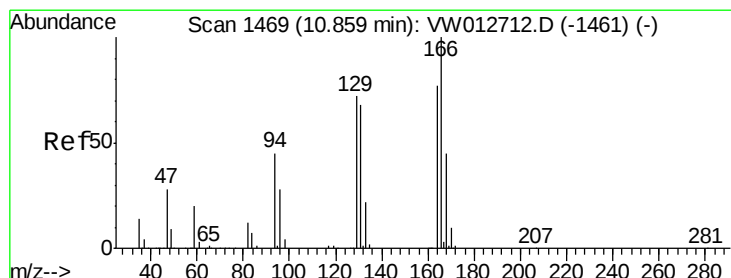
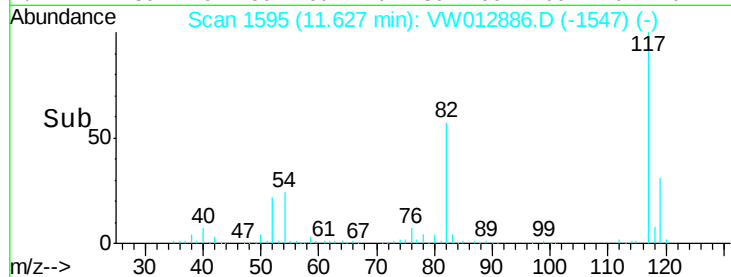
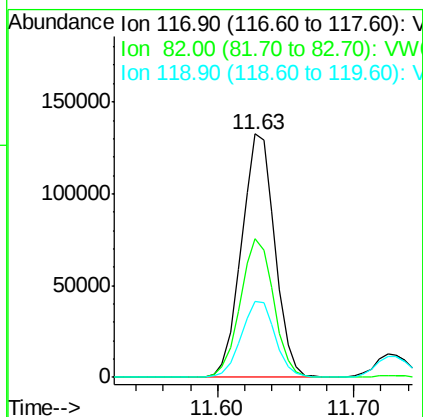
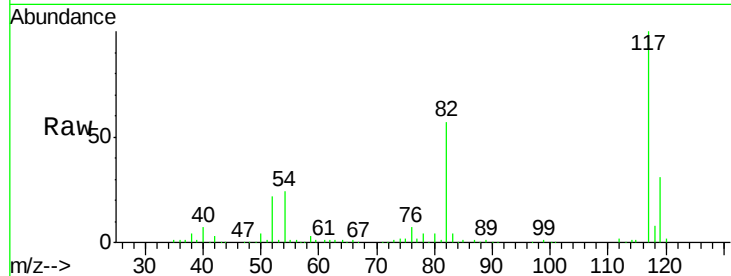
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	48.2	72.4
119	31.4	25.8	38.6

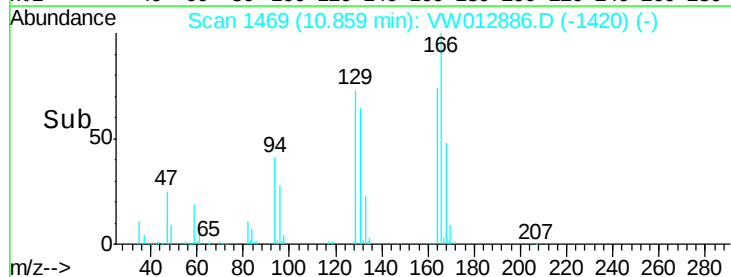
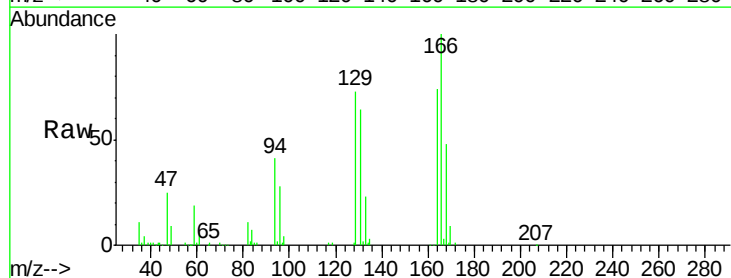
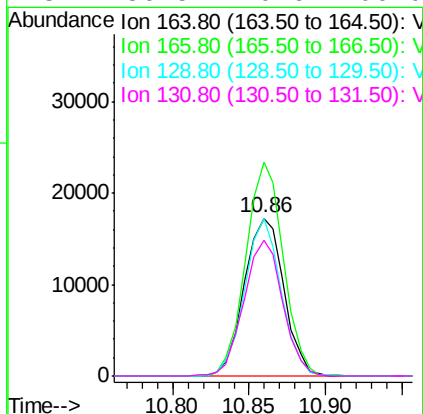
Manual Integrations
APPROVED

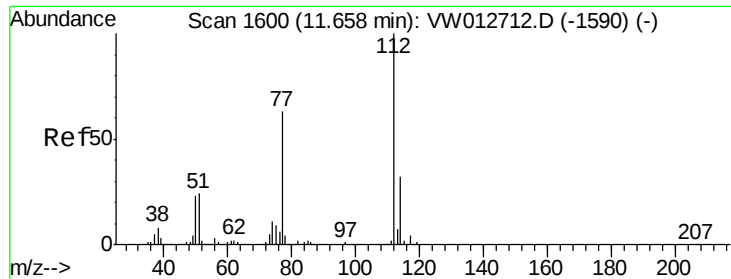
MMDadoda
9/11/2019 9:26:31 AM



#64
Tetrachloroethene
Concen: 22.533 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.5	103.6	155.4
129	99.6	74.6	112.0
131	86.5	70.6	106.0





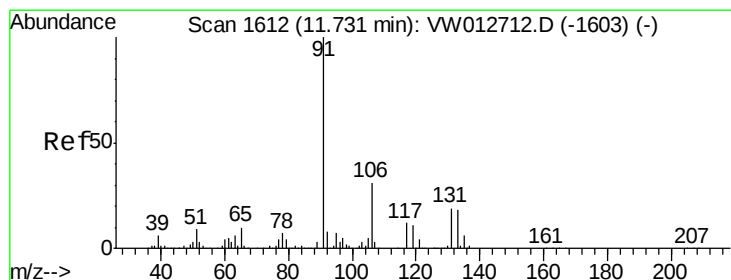
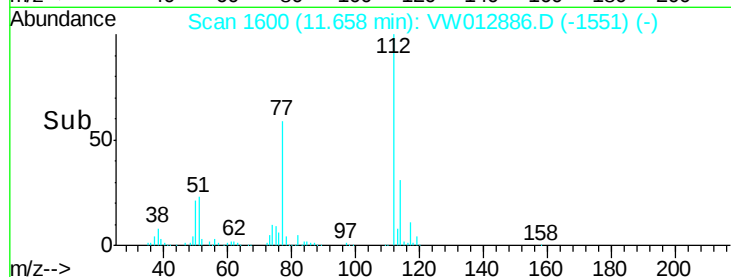
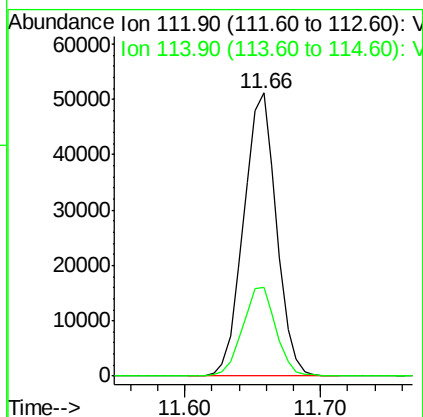
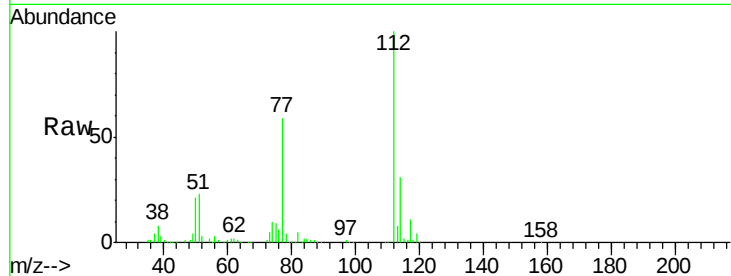
#65
Chlorobenzene
Concen: 20.095 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

Tot Ion:112 Resp: 85998
Ion Ratio Lower Upper
112 100
114 31.2 25.3 37.9

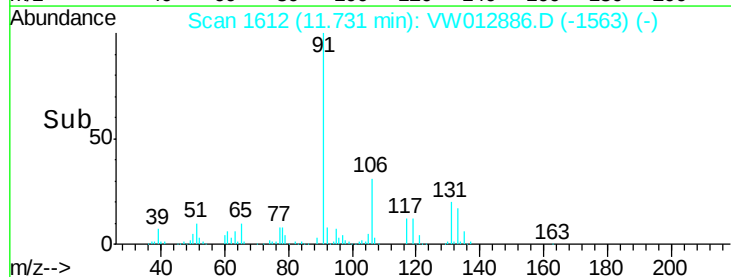
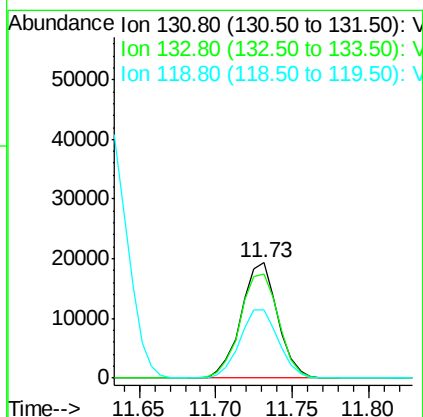
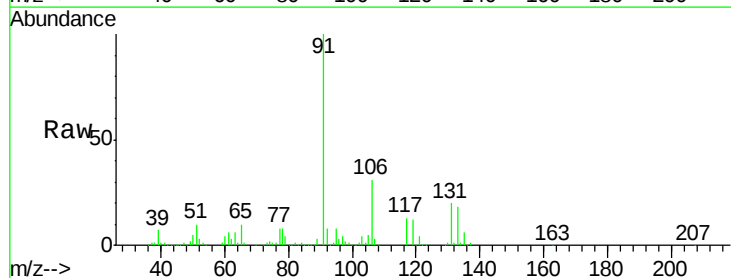
Manual Integrations
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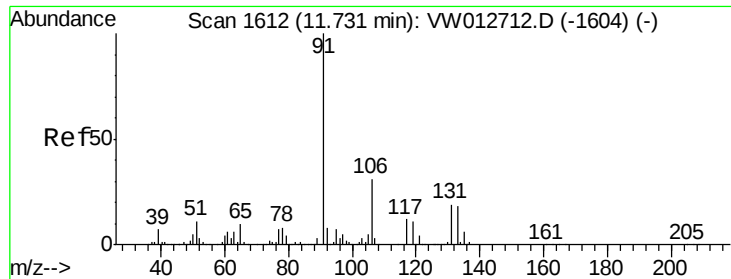
MMDadoda
9/11/2019 9:26:31 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.121 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion:131 Resp: 32067
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.8
119 62.8 30.6 92.0





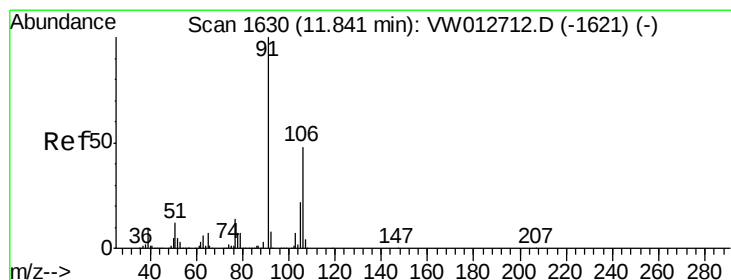
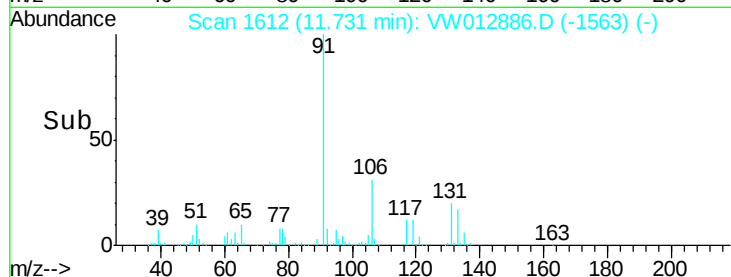
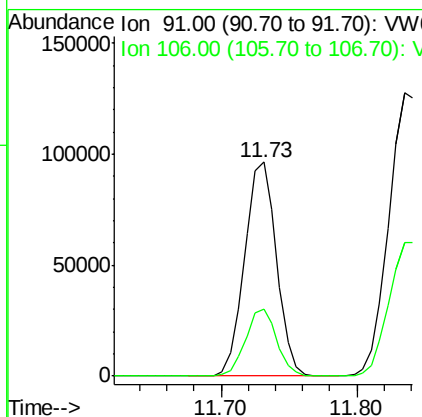
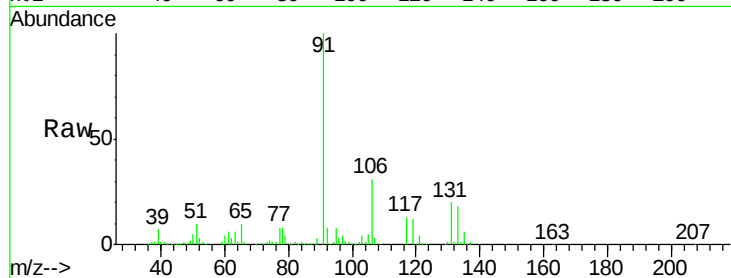
#67
Ethyl Benzene
Concen: 19.692 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

Tot Ion: 91 Resp: 158113
Ion Ratio Lower Upper
91 100
106 31.4 24.4 36.6

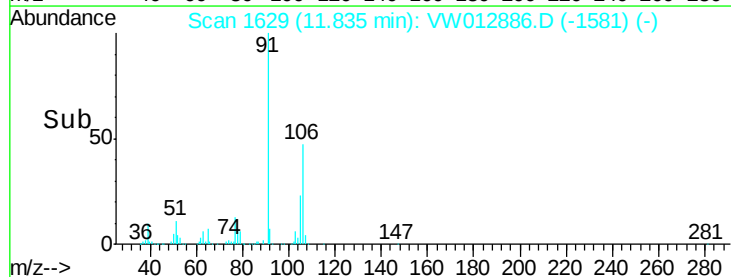
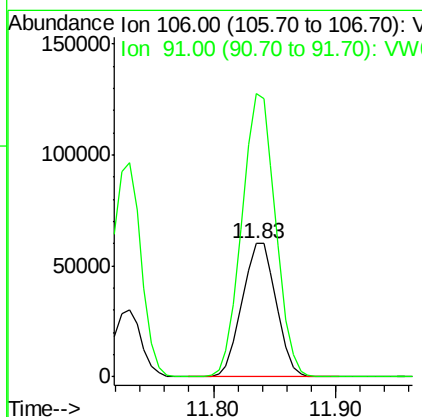
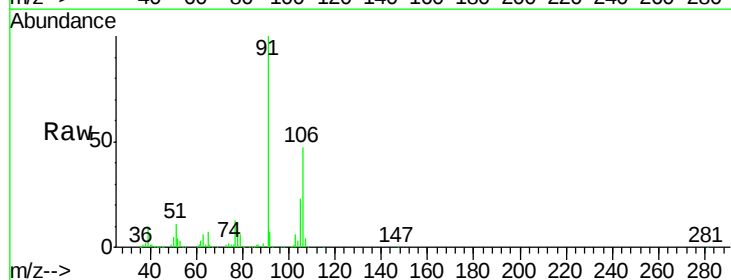
Manual Integrations
APPROVED

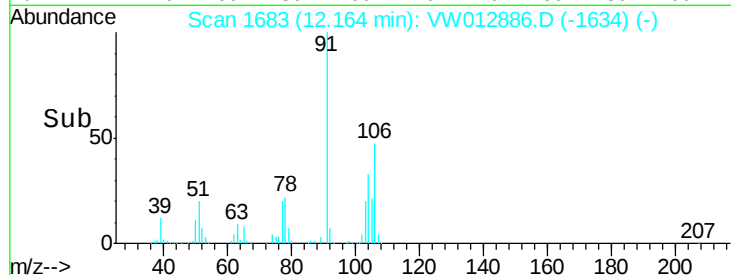
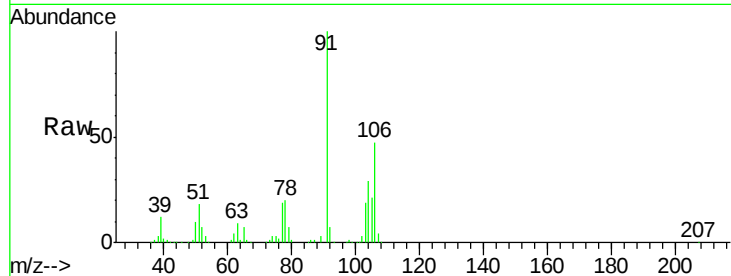
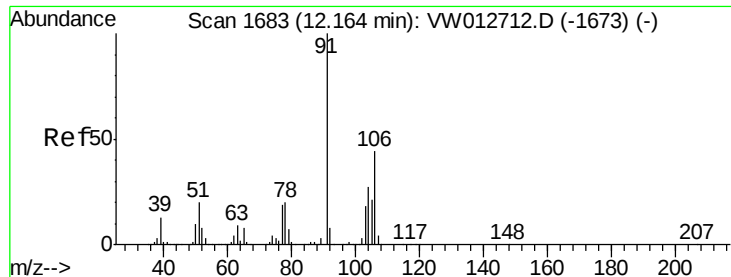
MMDadoda
9/11/2019 9:26:31 AM



#68
m/p-Xylenes
Concen: 40.284 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion: 106 Resp: 116754
Ion Ratio Lower Upper
106 100
91 209.0 168.2 252.4





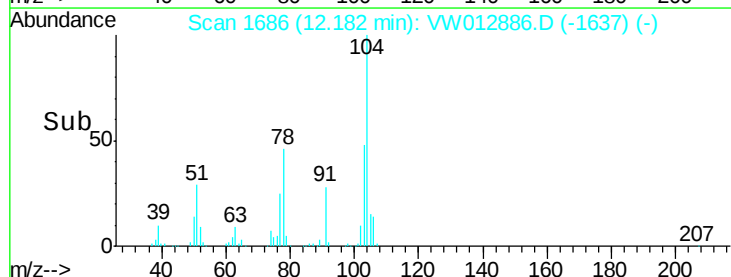
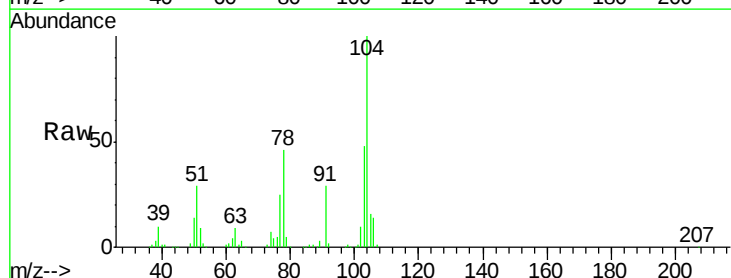
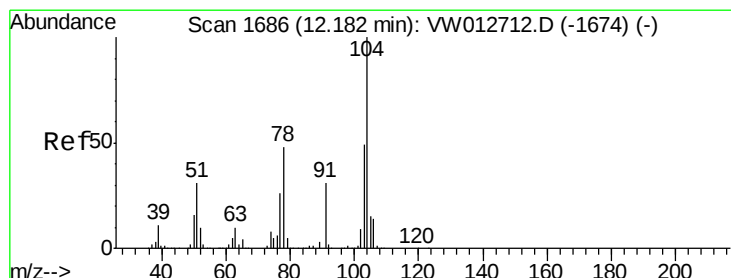
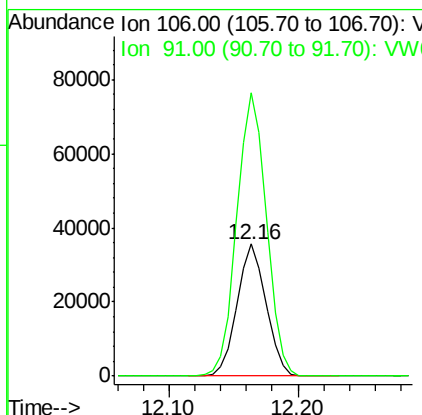
#69
o-Xylene
Concen: 20.293 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tot Ion:106 Resp: 55488
Ion Ratio Lower Upper
106 100
91 219.2 112.3 336.8

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

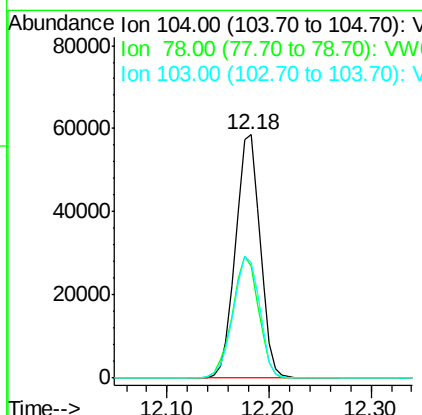
Manual Integrations
APPROVED

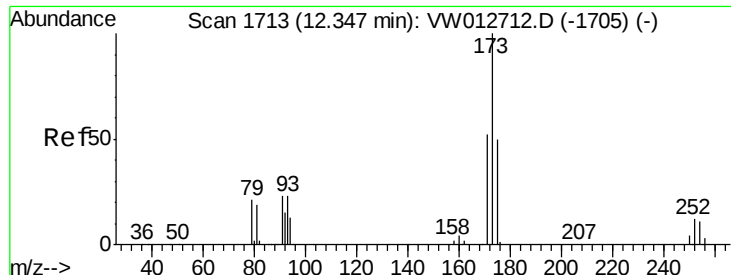
MMDadoda
9/11/2019 9:26:31 AM



#70
Styrene
Concen: 20.175 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion:104 Resp: 97478
Ion Ratio Lower Upper
104 100
78 53.5 43.3 64.9
103 53.8 44.0 66.0





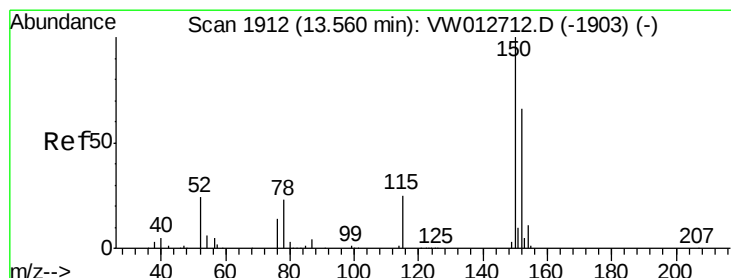
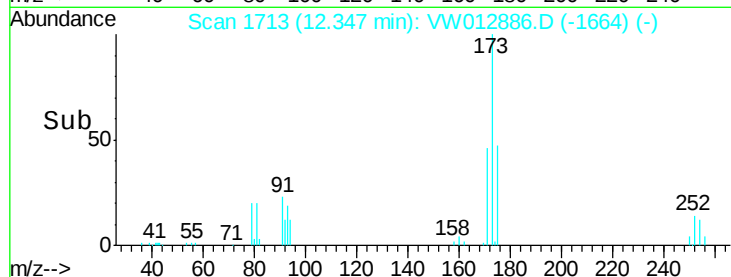
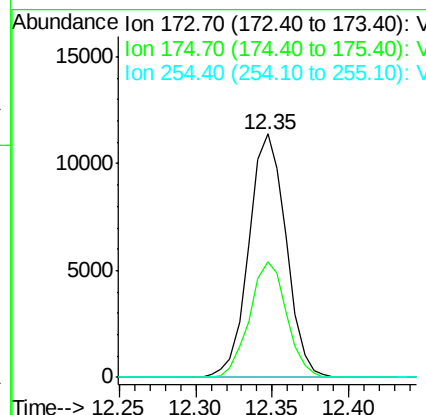
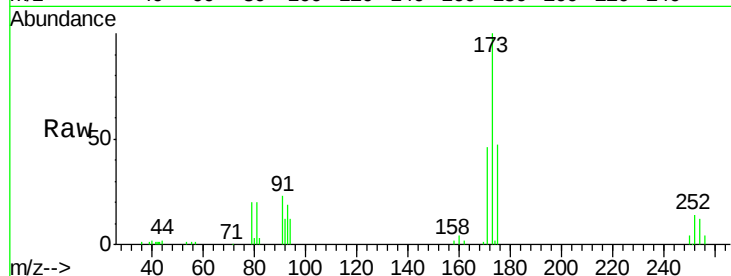
#71
Bromoform
Concen: 21.722 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.2	24.8	74.3
254	0.0	0.1	0.1#

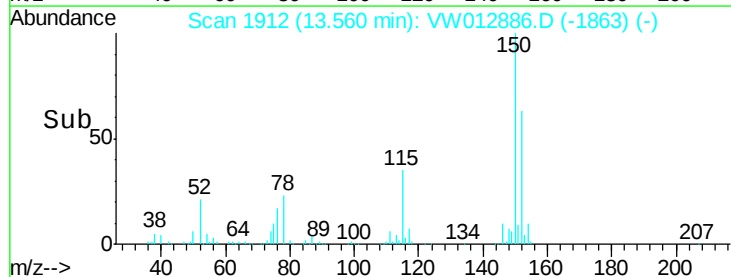
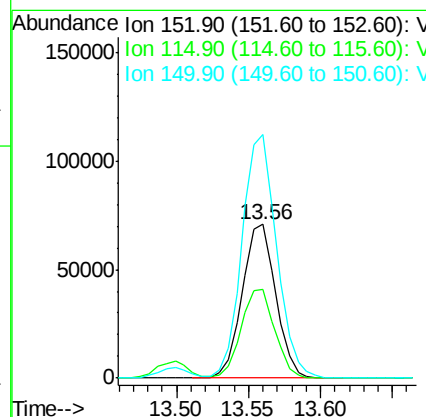
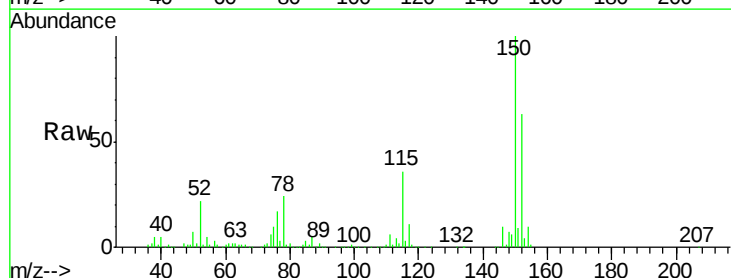
Manual Integrations
APPROVED

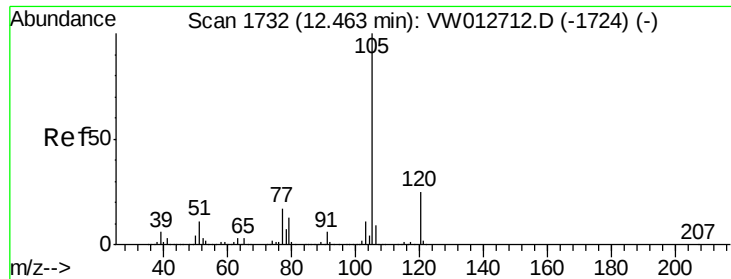
MMDadoda
9/11/2019 9:26:31 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	30.0	90.1
150	163.7	0.0	349.0





#73

Isopropylbenzene

Concen: 19.331 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD02

Tot Ion:105 Resp: 158351

Ion Ratio Lower Upper

105 100

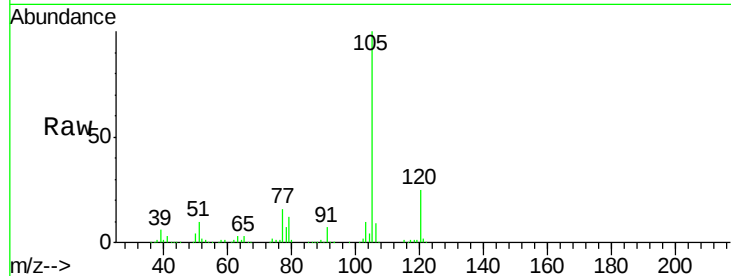
120 26.0 13.0 38.9

Manual Integrations

APPROVED

MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

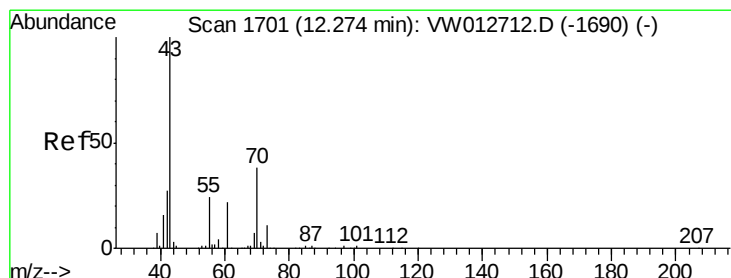
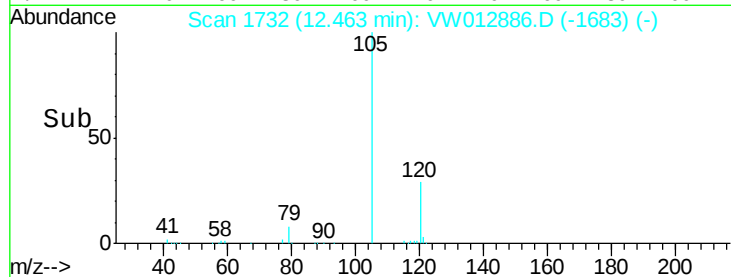
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 19.004 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Tgt Ion: 43 Resp: 49414

Ion Ratio Lower Upper

43 100

70 37.5 29.4 44.0

55 24.8 18.6 27.8

61 23.9 17.8 26.6

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

50000

40000

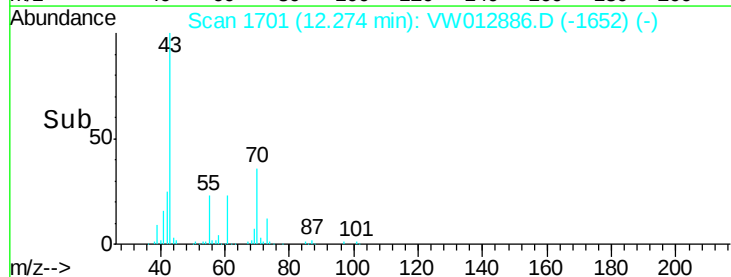
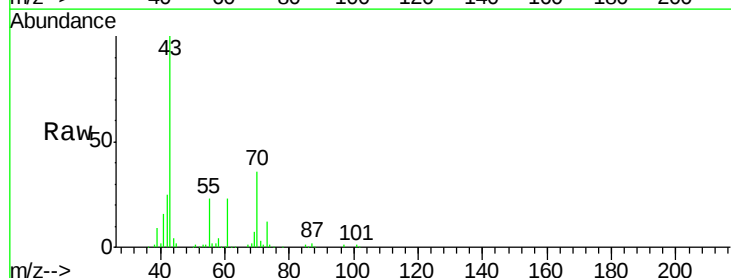
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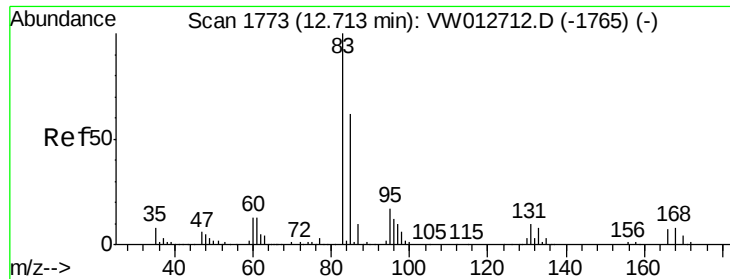
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.946 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

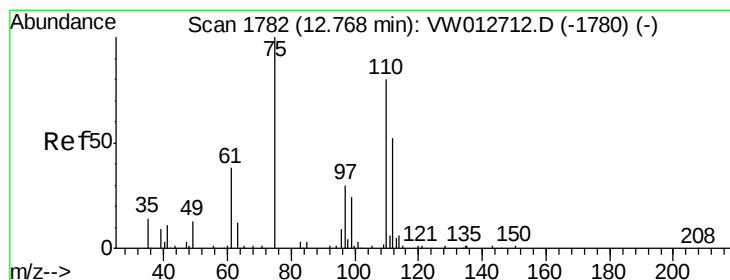
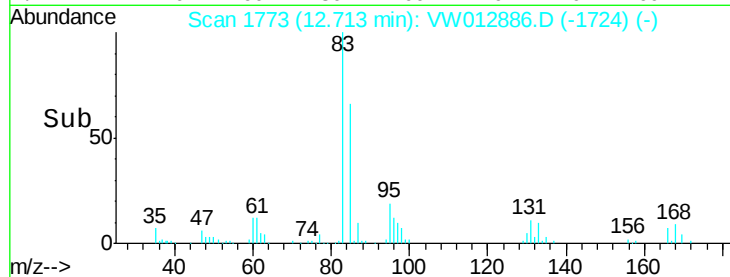
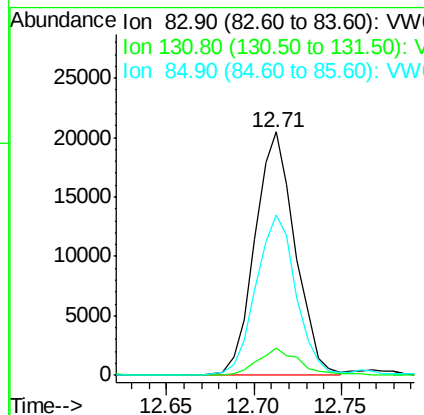
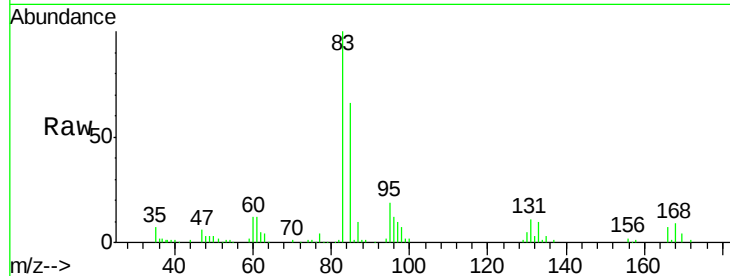
ClientSampleId :

VW0910SBSD02

Tot Ion:	83	Resp:	32813
Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.1	15.4
85	66.0	31.4	94.2

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#76

1,2,3-Trichloropropane

Concen: 20.245 ug/l m

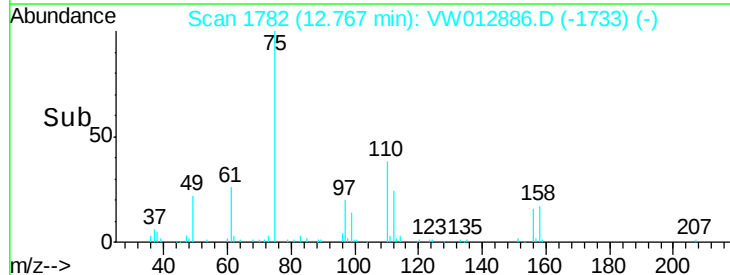
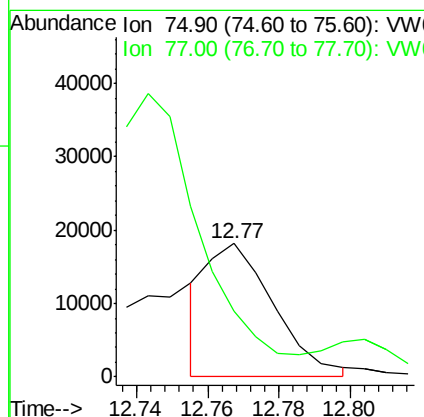
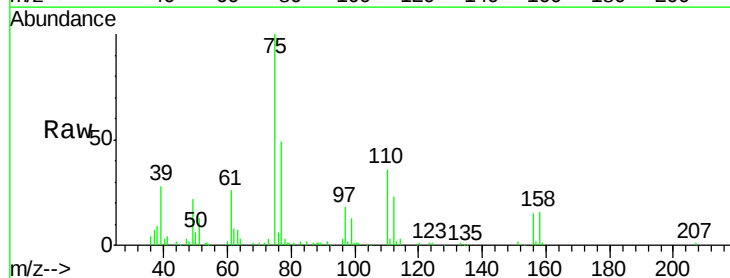
RT: 12.77 min Scan# 1782

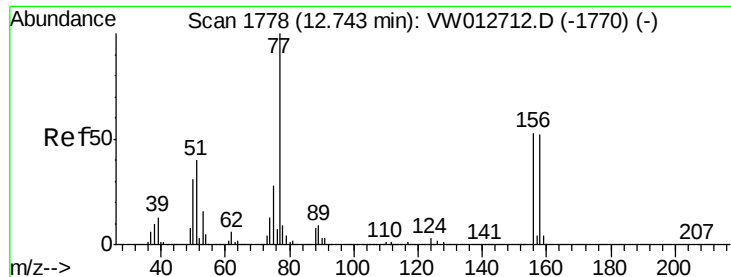
Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Tgt Ion:	75	Resp:	23644
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.050 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

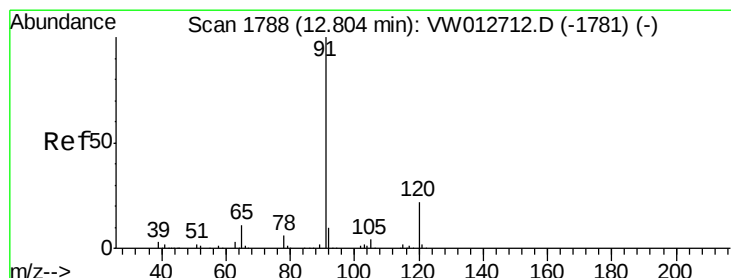
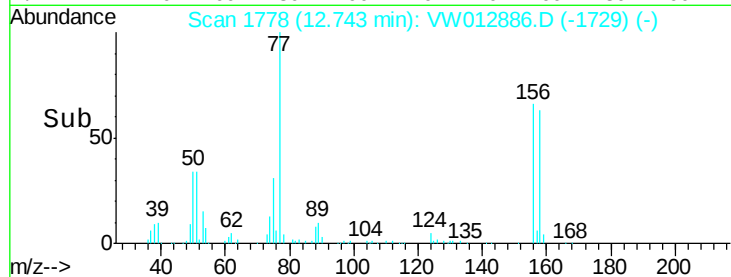
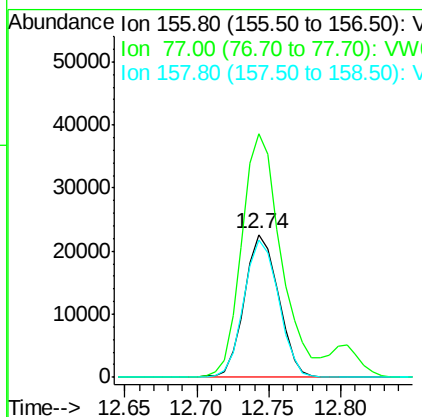
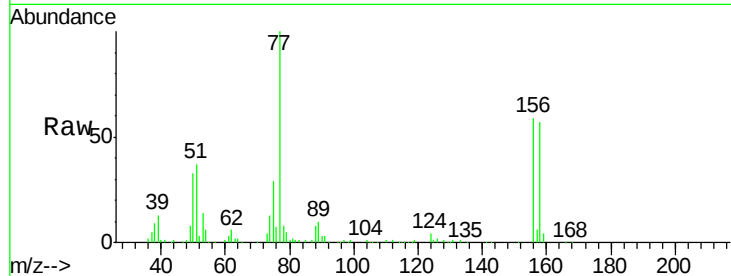
ClientSampleId :

VW0910SBSD02

Tot Ion:	156	Resp:	37211
Ion Ratio	Lower	Upper	
156	100		
77	197.2	102.3	306.9
158	97.3	48.9	146.8

Manual Integrations
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#78

n-propylbenzene

Concen: 19.222 ug/l

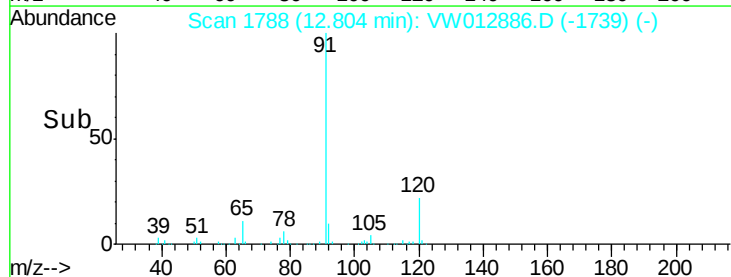
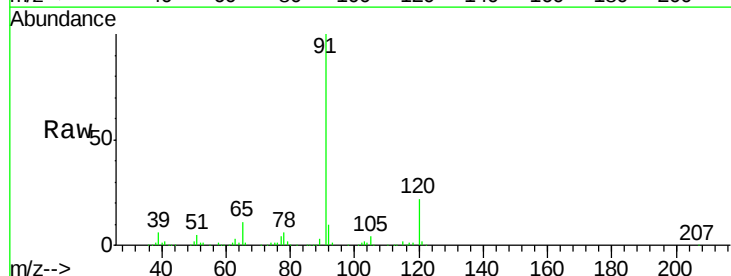
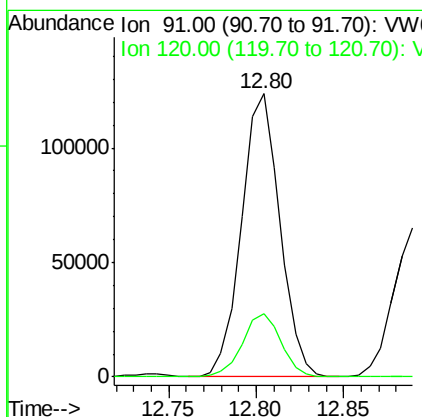
RT: 12.80 min Scan# 1788

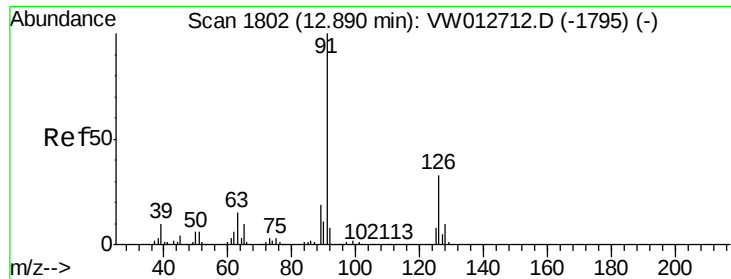
Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Tgt Ion:	91	Resp:	188320
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.0	33.0





#79

2-Chlorotoluene

Concen: 19.020 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012886.D

Acq: 10 Sep 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBSD02

Tot Ion: 91 Resp: 106971

Ion Ratio Lower Upper

91 100

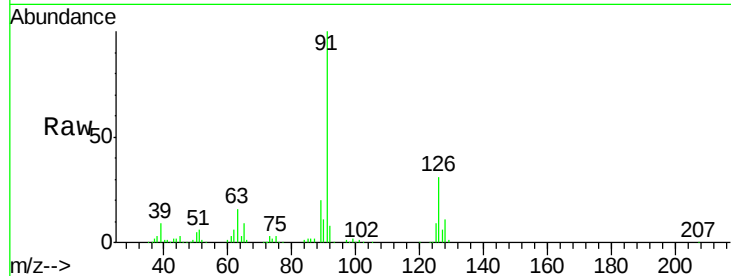
126 33.1 16.1 48.3

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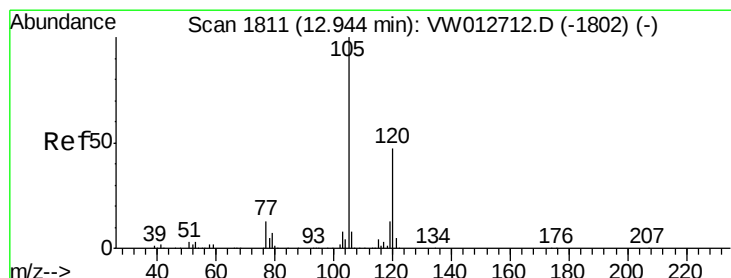
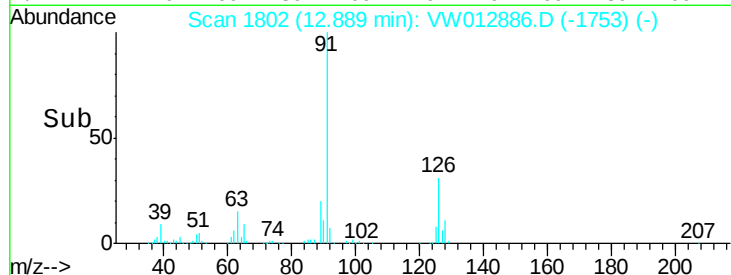
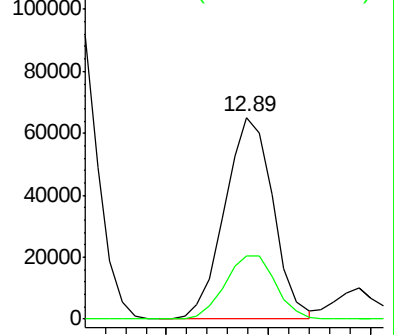
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.499 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012886.D

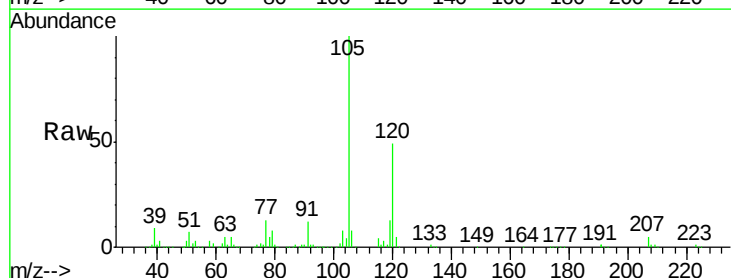
Acq: 10 Sep 2019 23:44

Tgt Ion:105 Resp: 134591

Ion Ratio Lower Upper

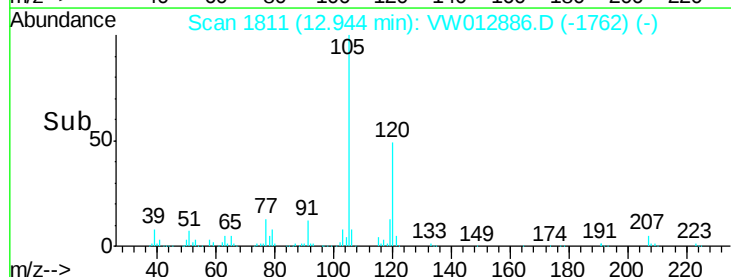
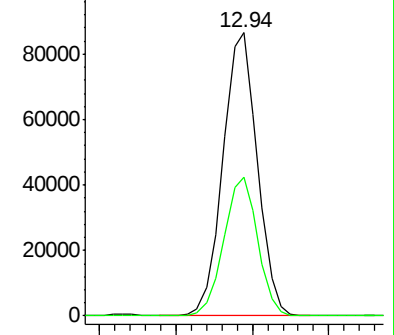
105 100

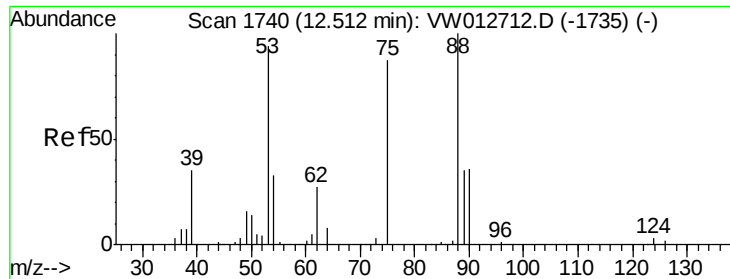
120 48.5 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





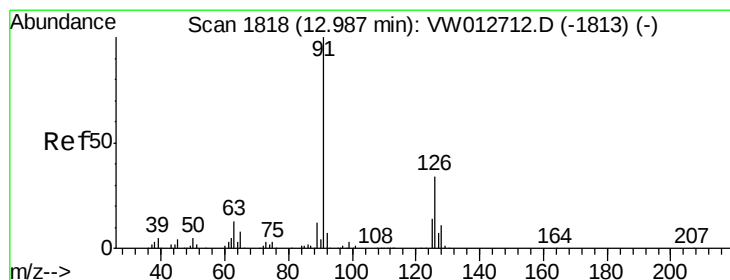
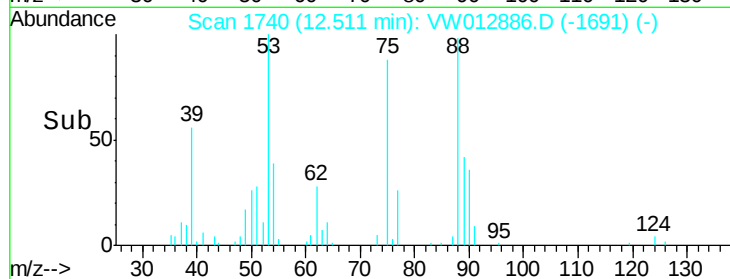
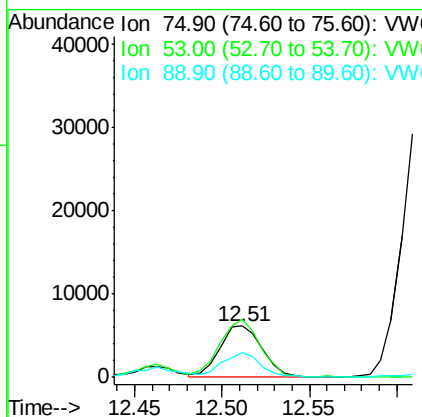
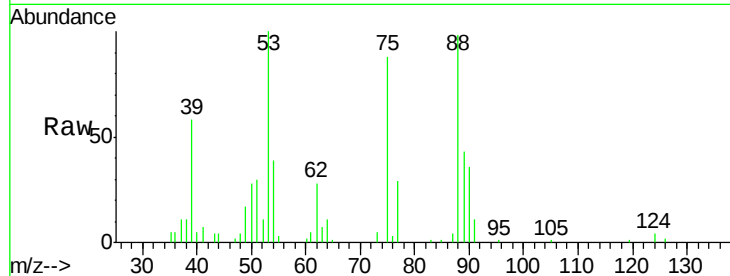
#81
trans-1,4-Dichloro-2-butene
Concen: 19.012 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.4	87.6	131.4
89	43.3	35.5	53.3

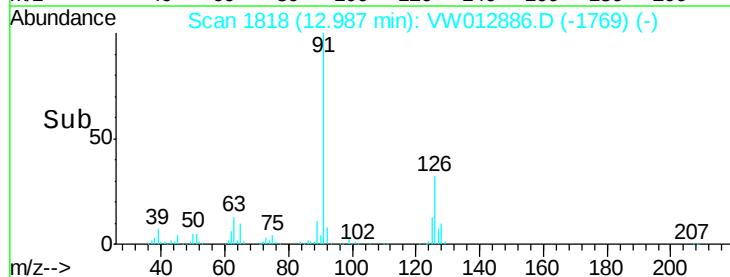
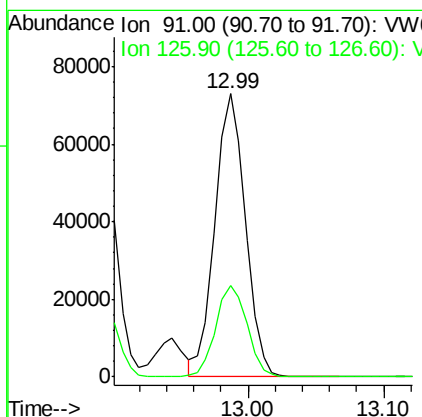
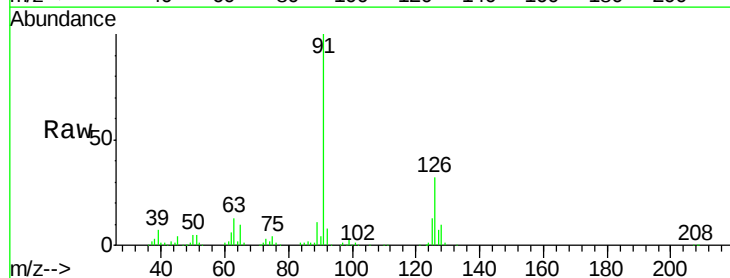
Manual Integrations
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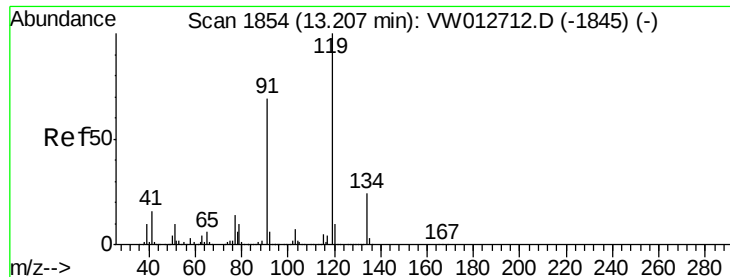
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#82
4-Chlorotoluene
Concen: 19.059 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	15.9	47.6





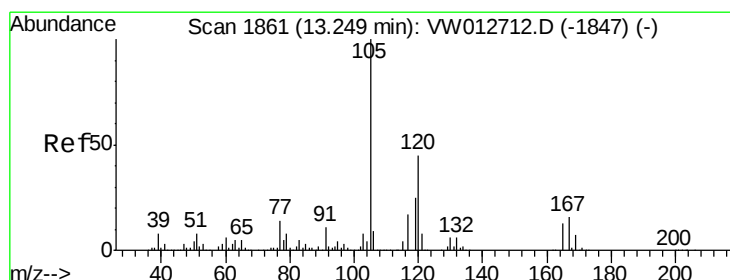
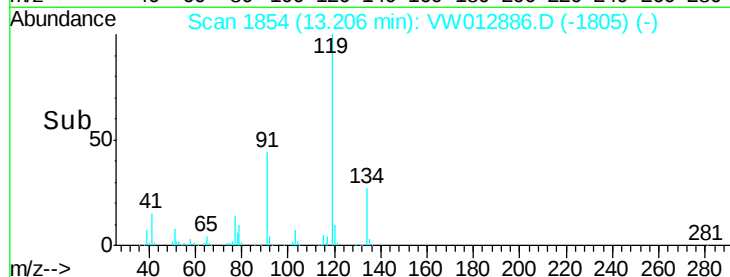
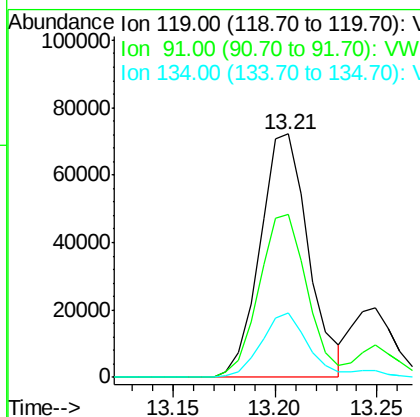
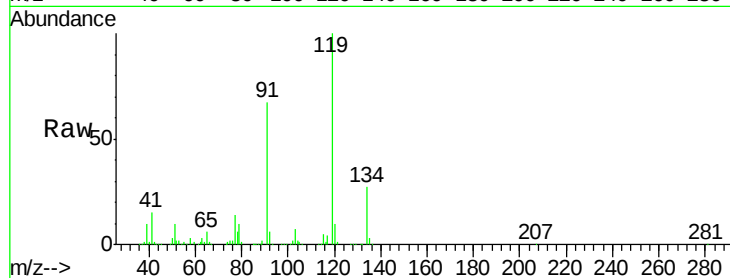
#83
tert-Butylbenzene
Concen: 19.614 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.2	34.2	102.5
134	25.5	12.3	36.9

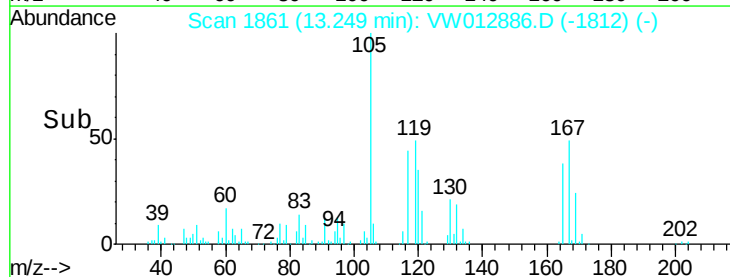
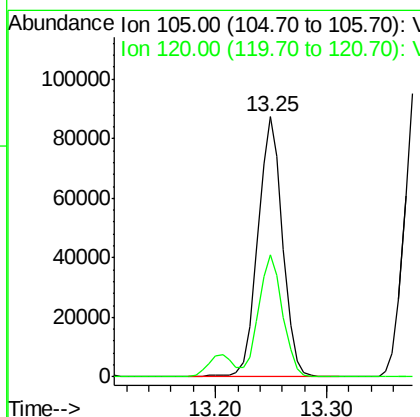
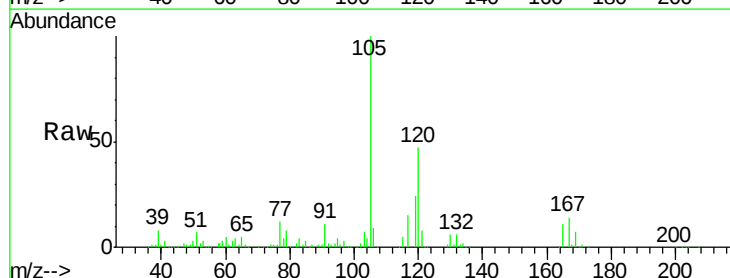
Manual Integrations
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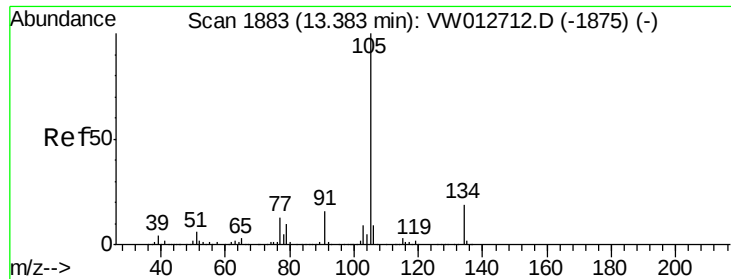
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#84
1,2,4-Trimethylbenzene
Concen: 19.418 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.1	66.3





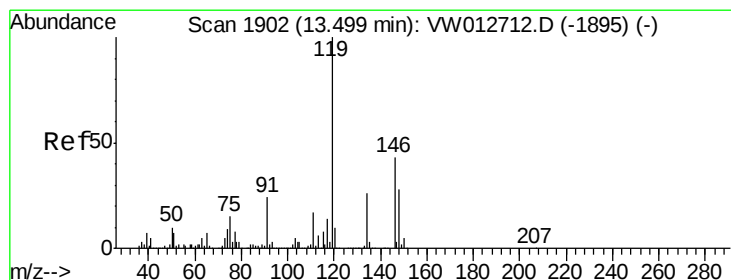
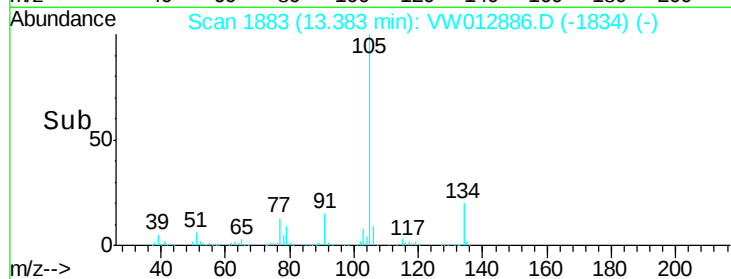
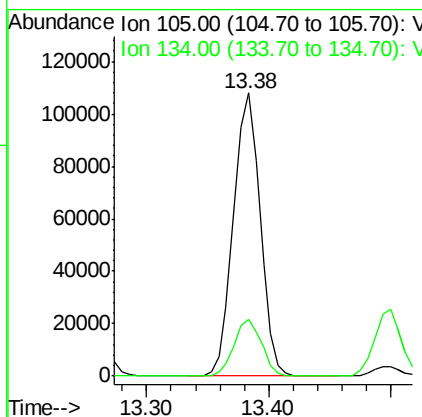
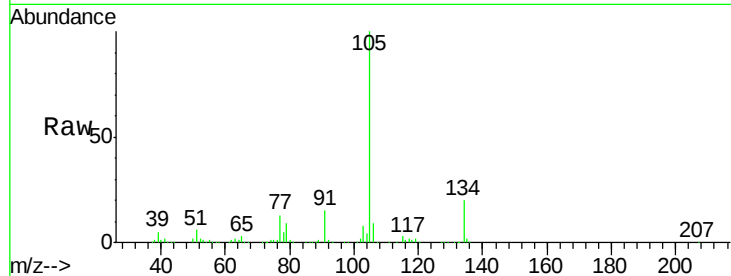
#85
 sec-Butylbenzene
 Concen: 19.284 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	163317		
134	20.6	9.8	29.3	

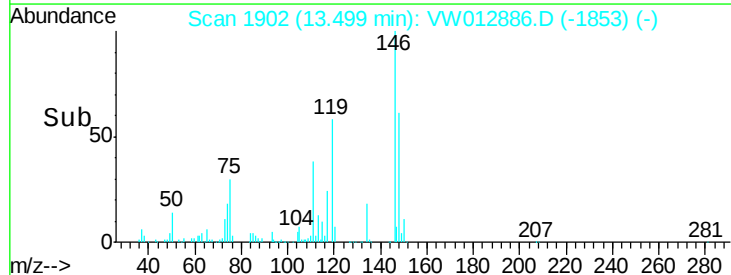
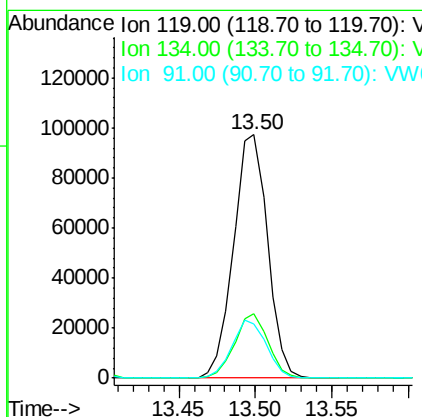
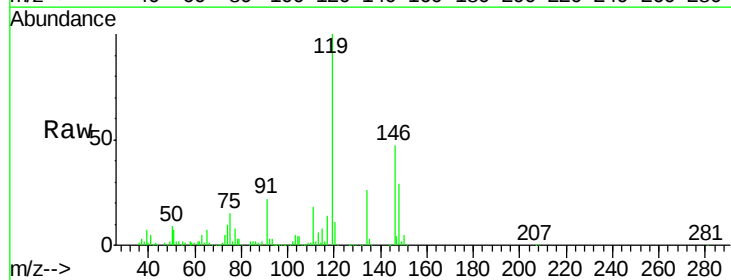
Manual Integrations
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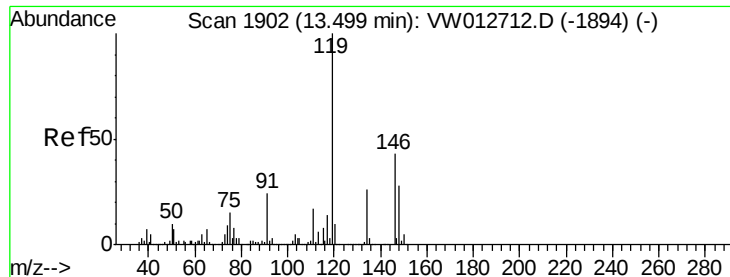
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#86
 p-Isopropyltoluene
 Concen: 19.423 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	150255		
134	26.0	12.7	38.1	
91	23.9	12.2	36.6	





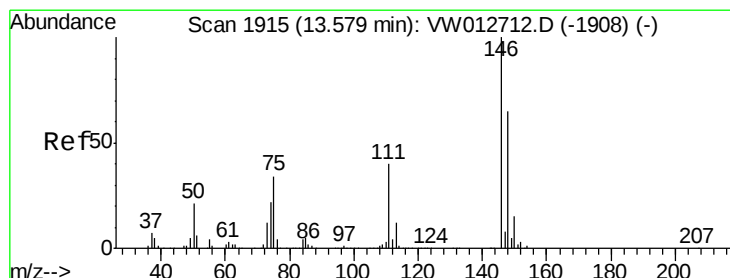
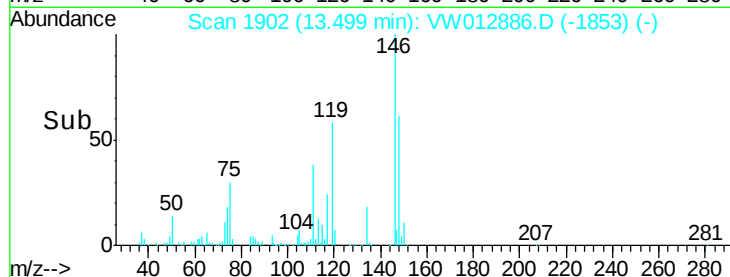
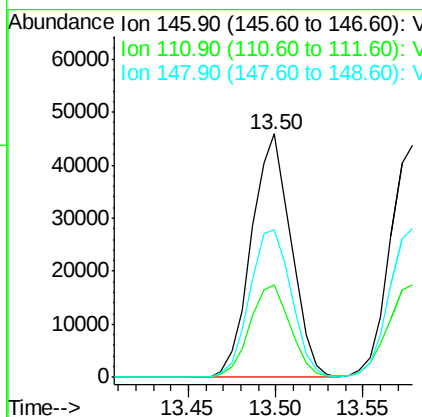
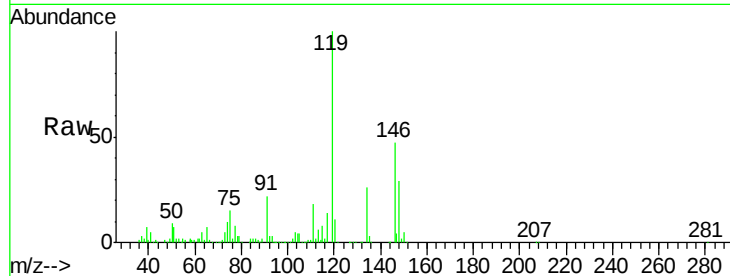
#87
 1,3-Dichlorobenzene
 Concen: 19.871 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.4	61.2
148	64.1	31.8	95.4

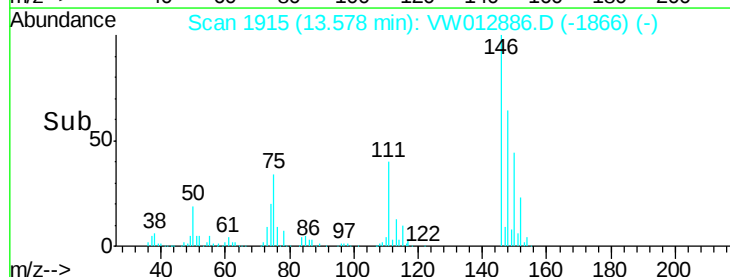
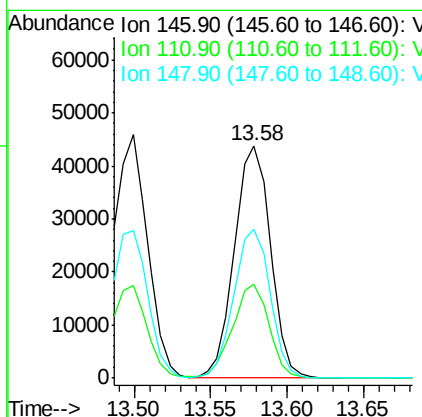
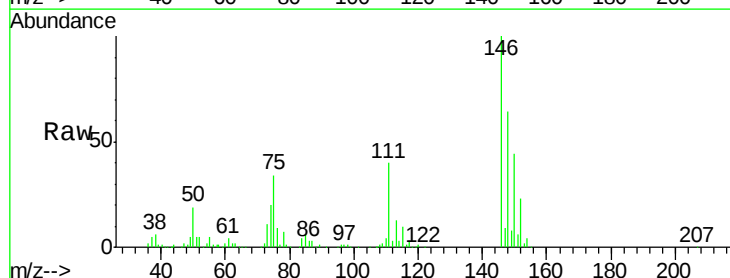
Manual Integrations
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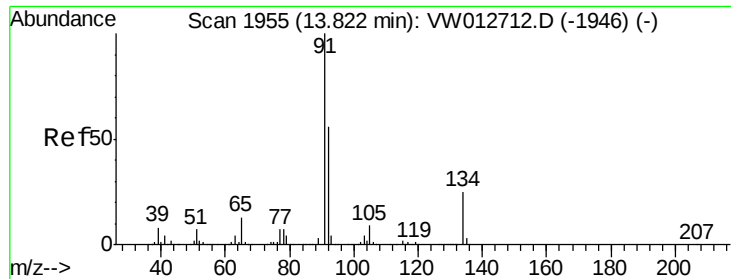
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#88
 1,4-Dichlorobenzene
 Concen: 19.814 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	60.0
148	64.6	32.2	96.6





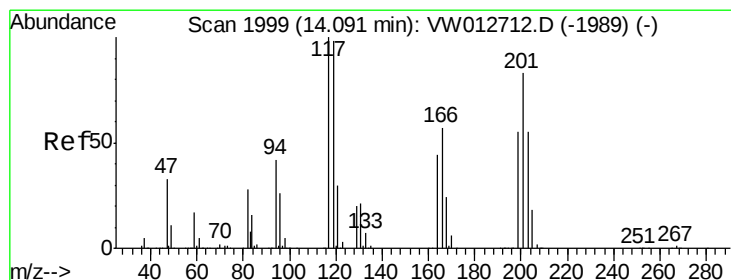
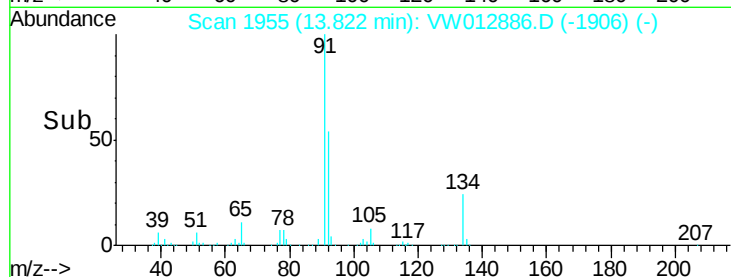
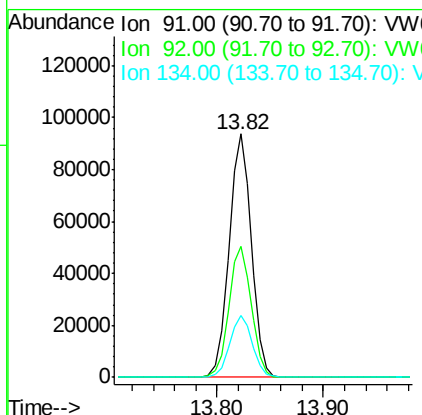
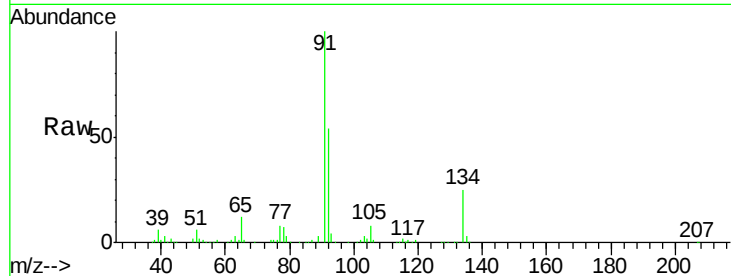
#89
n-Butylbenzene
Concen: 18.326 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.2	81.5
134	25.6	12.7	38.1

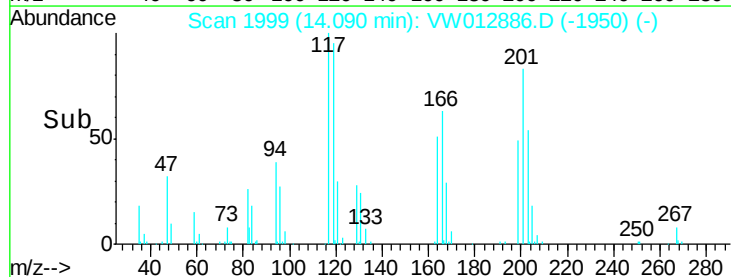
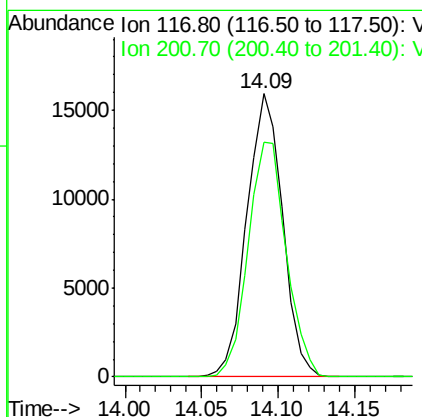
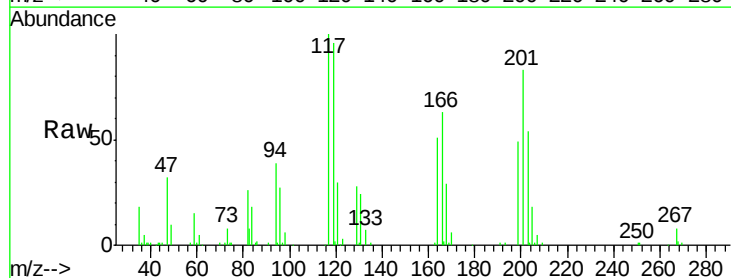
Manual Integrations
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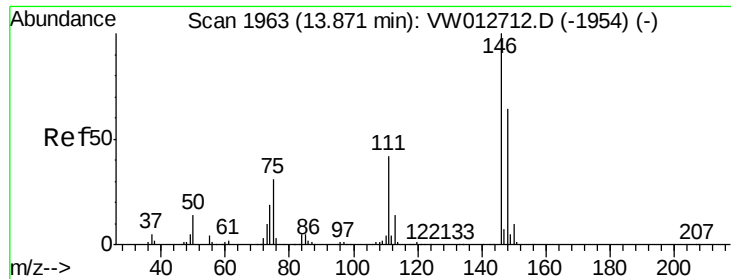
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#90
Hexachloroethane
Concen: 19.180 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.4	42.8	128.4





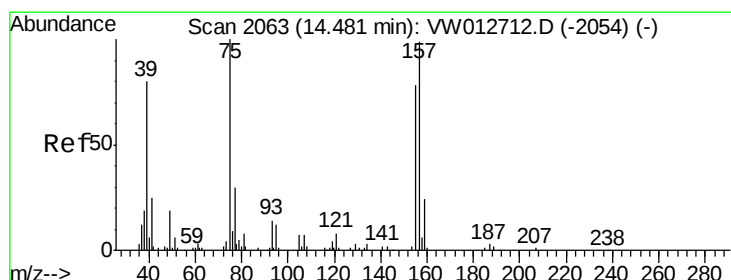
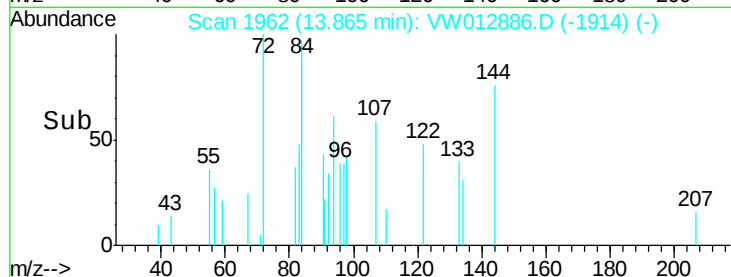
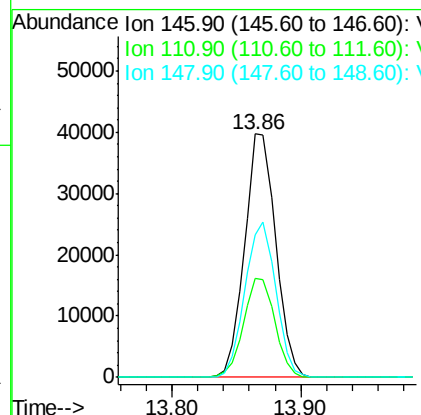
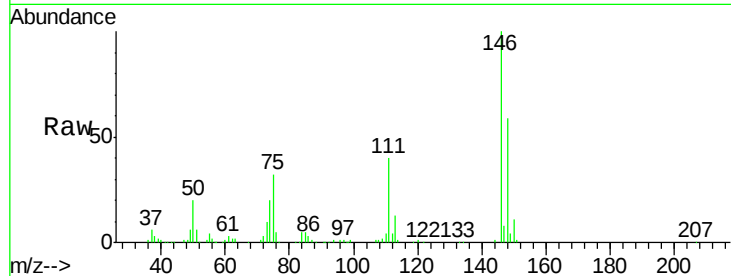
#91
 1,2-Dichlorobenzene
 Concen: 20.228 ug/l
 RT: 13.86 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.3	63.9
148	62.9	32.1	96.5

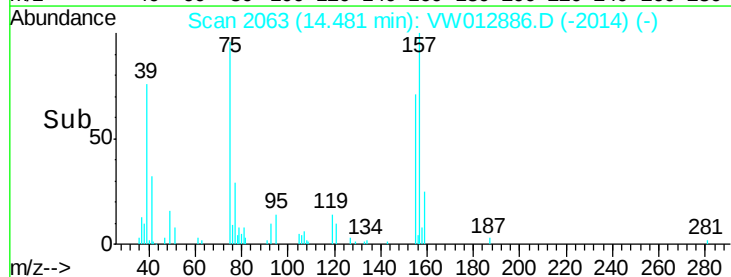
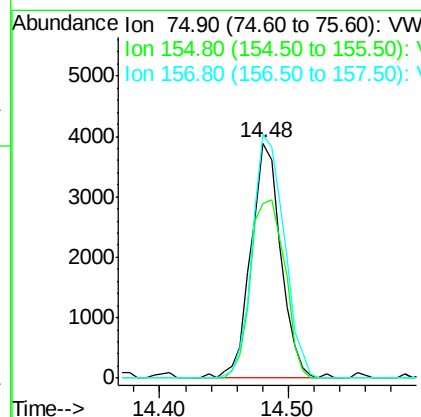
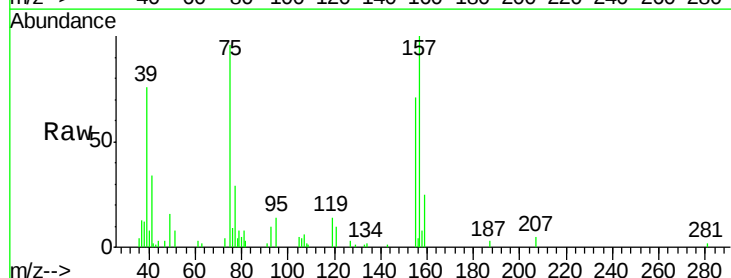
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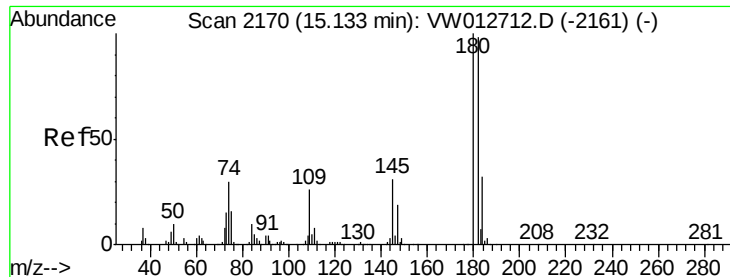
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.693 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.8	40.6	122.0
157	110.0	52.5	157.5





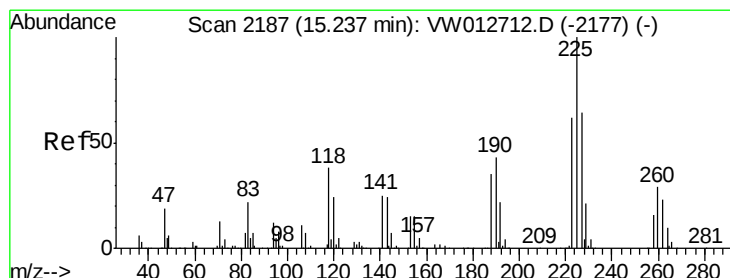
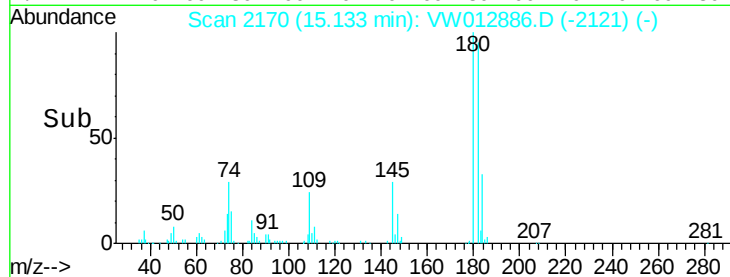
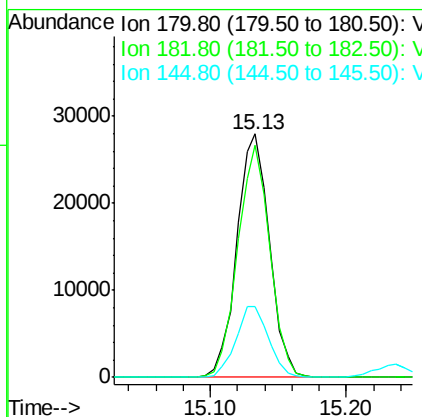
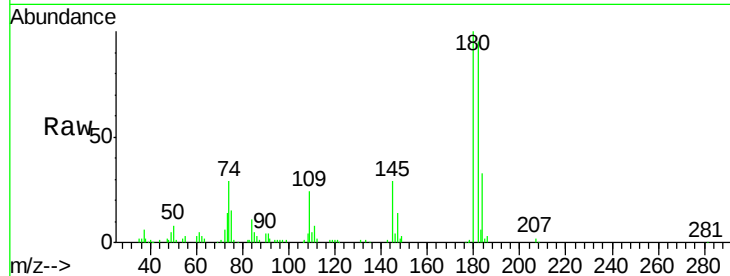
#93
 1,2,4-Trichlorobenzene
 Concen: 20.424 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	46688		
182	93.8	48.7	146.1	
145	29.3	15.0	45.1	

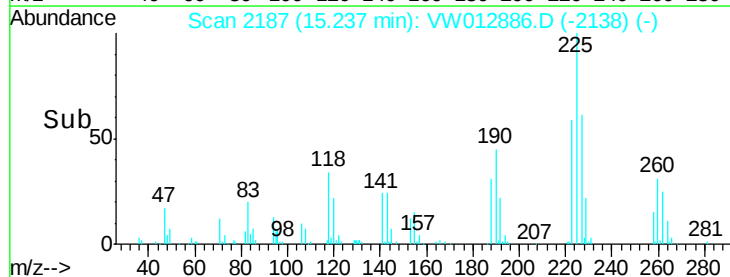
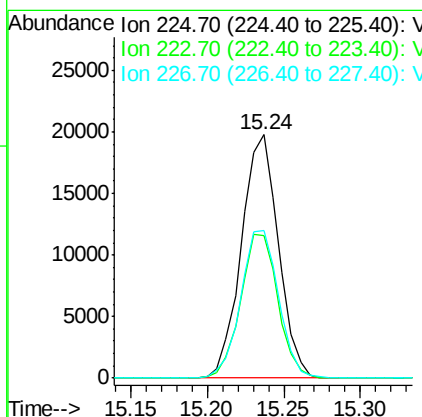
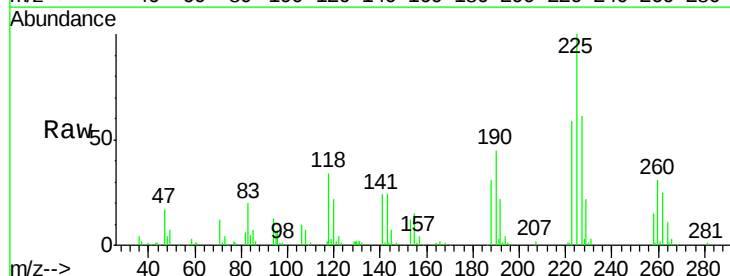
Manual Integrations
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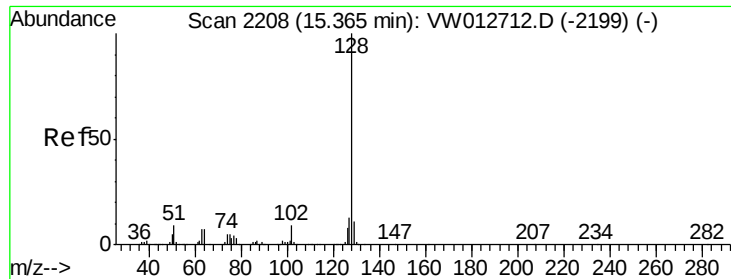
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#94
 Hexachlorobutadiene
 Concen: 20.971 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012886.D
 Acq: 10 Sep 2019 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	33181		
223	59.8	31.1	93.3	
227	62.1	31.4	94.2	





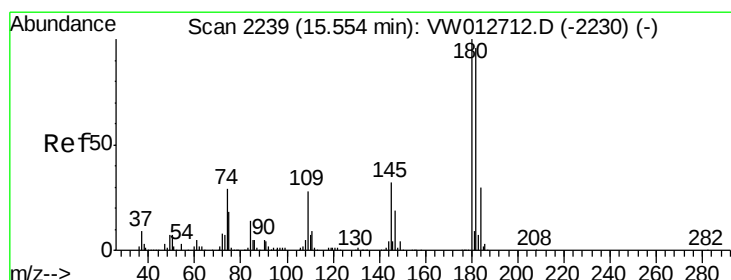
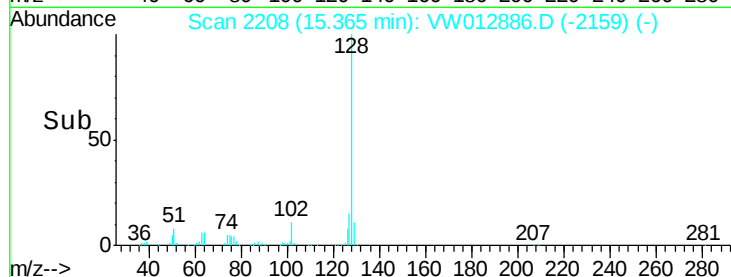
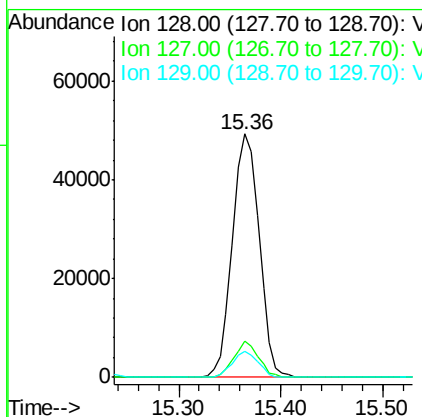
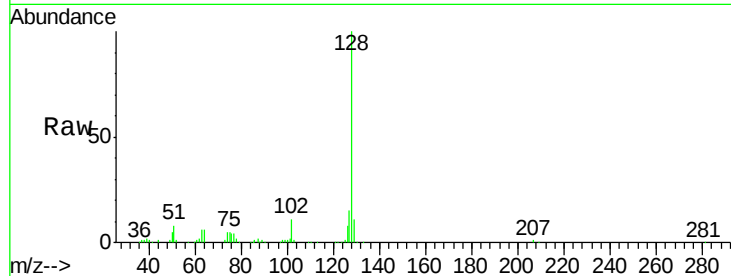
#95
Naphthalene
Concen: 21.501 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	89721		
127	13.7		10.7	16.1
129	10.3		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.220 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012886.D
Acq: 10 Sep 2019 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	42817		
182	96.9		47.8	143.3
145	31.6		15.4	46.2

