

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011020\
 Data File : VW014597.D
 Acq On : 10 Jan 2020 14:14
 Operator : SY/VA
 Sample : VW0110SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 12:01:34 PM

Quant Time: Jan 11 04:10:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	743506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1104654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	930973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	471690	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	305249	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
35) Dibromofluoromethane	7.88	113	305304	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	10.32	98	1282374	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.62	95	432410	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	90331	21.518	ug/l 99
3) Chloromethane	2.21	50	115197	22.419	ug/l 100
4) Vinyl Chloride	2.35	62	171280	22.663	ug/l 98
5) Bromomethane	2.76	94	105462	22.589	ug/l 99
6) Chloroethane	2.91	64	96076	22.301	ug/l 98
7) Trichlorofluoromethane	3.25	101	79043	20.903	ug/l 97
8) Diethyl Ether	3.67	74	76681	20.381	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	155978	22.076	ug/l 99
10) Methyl Iodide	4.26	142	220157	20.652	ug/l 99
11) Tert butyl alcohol	5.15	59	52286	89.605	ug/l 99
12) 1,1-Dichloroethene	4.03	96	160390	21.677	ug/l 98
13) Acrolein	3.89	56	52081	91.793	ug/l 100
14) Allyl chloride	4.66	41	241617	21.369	ug/l 99
15) Acrylonitrile	5.35	53	181423	105.492	ug/l 98
16) Acetone	4.11	43	183650	100.052	ug/l 98
17) Carbon Disulfide	4.38	76	467907	20.982	ug/l 99
18) Methyl Acetate	4.66	43	94275	21.266	ug/l 99
19) Methyl tert-butyl Ether	5.42	73	196862	21.434	ug/l 100
20) Methylene Chloride	4.91	84	178810	21.510	ug/l 96
21) trans-1,2-Dichloroethene	5.42	96	168968	21.507	ug/l 97
22) Diisopropyl ether	6.31	45	457376	21.612	ug/l 99
23) Vinyl Acetate	6.24	43	1278582	100.048	ug/l 100
24) 1,1-Dichloroethane	6.21	63	284382	21.303	ug/l 99
25) 2-Butanone	7.17	43	236406	100.359	ug/l 98
26) 2,2-Dichloropropane	7.16	77	157985	21.375	ug/l 98
27) cis-1,2-Dichloroethene	7.16	96	175465	21.255	ug/l 98
28) Bromochloromethane	7.51	49	86626	16.551	ug/l 97
29) Tetrahydrofuran	7.52	42	146129	100.135	ug/l 99
30) Chloroform	7.67	83	270681	21.683	ug/l 97
31) Cyclohexane	7.95	56	293735	21.172	ug/l 96
32) 1,1,1-Trichloroethane	7.87	97	217734	21.686	ug/l 99
36) 1,1-Dichloropropene	8.08	75	232290	21.813	ug/l 99
37) Ethyl Acetate	7.24	43	99904	20.685	ug/l 98
38) Carbon Tetrachloride	8.07	117	201666	21.828	ug/l 98

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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	291811	21.352	ug/l	97
40) Benzene	8.32	78	663760	22.029	ug/l	100
41) Methacrylonitrile	7.48	41	56219	20.881	ug/l	98
42) 1,2-Dichloroethane	8.39	62	168610	21.564	ug/l	99
43) Isopropyl Acetate	8.42	43	175537	20.015	ug/l	98
44) Trichloroethene	9.09	130	178269	21.865	ug/l	96
45) 1,2-Dichloropropane	9.37	63	160639	21.726	ug/l	98
46) Dibromomethane	9.45	93	77489	21.229	ug/l	99
47) Bromodichloromethane	9.64	83	193632	21.487	ug/l	99
48) Methyl methacrylate	9.43	41	85869	20.053	ug/l	98
49) 1,4-Dioxane	9.45	88	29237	428.258	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	463747	101.822	ug/l	99
52) Toluene	10.38	92	414051	21.843	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	193308	20.718	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	238763	20.938	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	116498	21.853	ug/l	99
56) Ethyl methacrylate	10.64	69	141646	20.445	ug/l	99
57) 1,3-Dichloropropane	10.93	76	198798	21.218	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	190938	90.619	ug/l	99
59) 2-Hexanone	10.96	43	326407	104.002	ug/l	100
60) Dibromochloromethane	11.13	129	125340	20.838	ug/l	99
61) 1,2-Dibromoethane	11.23	107	104949	20.740	ug/l	99
64) Tetrachloroethene	10.86	164	163168	24.209	ug/l	99
65) Chlorobenzene	11.65	112	419813	22.011	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	140190	21.831	ug/l	100
67) Ethyl Benzene	11.73	91	769837	22.397	ug/l	100
68) m/p-Xylenes	11.83	106	593015	45.079	ug/l	100
69) o-Xylene	12.16	106	270117	22.229	ug/l	100
70) Styrene	12.18	104	461621	22.460	ug/l	100
71) Bromoform	12.35	173	73172	20.890	ug/l #	98
73) Isopropylbenzene	12.46	105	750720	21.691	ug/l	100
74) N-amyl acetate	12.27	43	155300	20.012	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	128742	20.609	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	99041m	22.208	ug/l	
77) Bromobenzene	12.74	156	172567	21.468	ug/l	99
78) n-propylbenzene	12.80	91	900756	22.133	ug/l	99
79) 2-Chlorotoluene	12.89	91	505210	21.814	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	639826	22.017	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	39422	19.695	ug/l	94
82) 4-Chlorotoluene	12.99	91	525612	21.844	ug/l	100
83) tert-Butylbenzene	13.21	119	546843	21.493	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	633590	21.909	ug/l	100
85) sec-Butylbenzene	13.38	105	770767	21.886	ug/l	100
86) p-Isopropyltoluene	13.49	119	707383	22.037	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	338937	21.683	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	336917	21.832	ug/l	100
89) n-Butylbenzene	13.82	91	650643	21.827	ug/l	100
90) Hexachloroethane	14.09	117	116497	20.774	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	298976	21.761	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19068	19.275	ug/l	97

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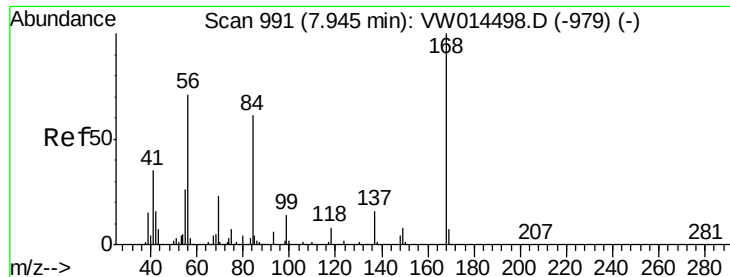
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	198012	21.342	ug/l	99
94) Hexachlorobutadiene	15.24	225	138766	22.319	ug/l	97
95) Naphthalene	15.36	128	319192	20.173	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	172931	21.384	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: VW014597.D

Acq: 10 Jan 2020 14:14

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS01

Tot Ion:168 Resp: 743506

Ion Ratio Lower Upper

168 100

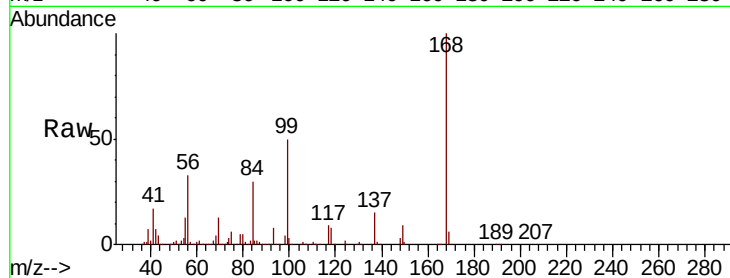
99 49.6 41.1 61.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

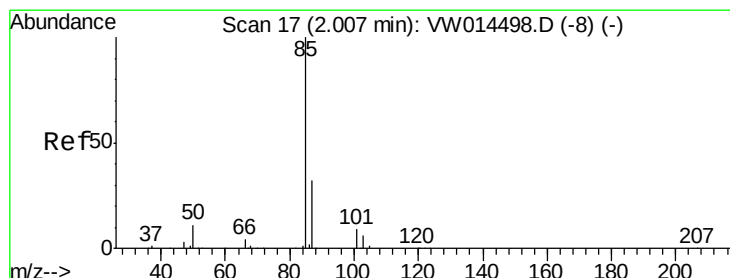
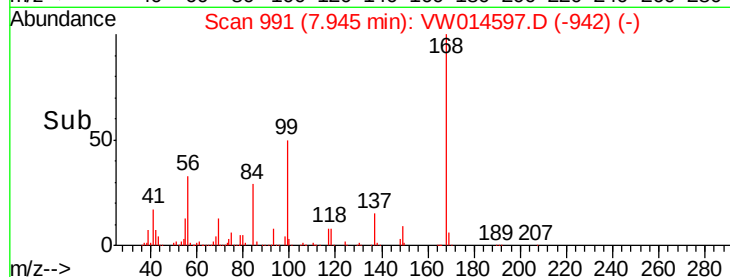
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.518 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW014597.D

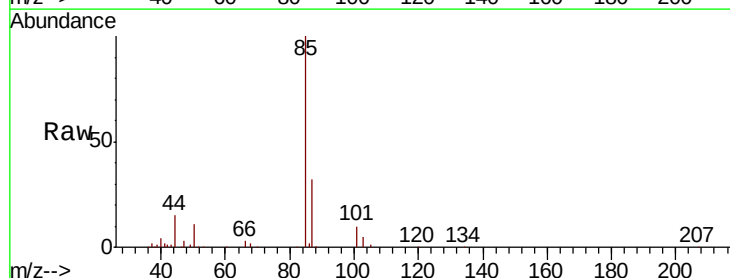
Acq: 10 Jan 2020 14:14

Tgt Ion: 85 Resp: 90331

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

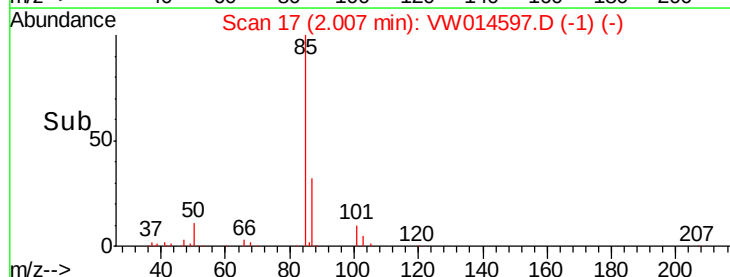
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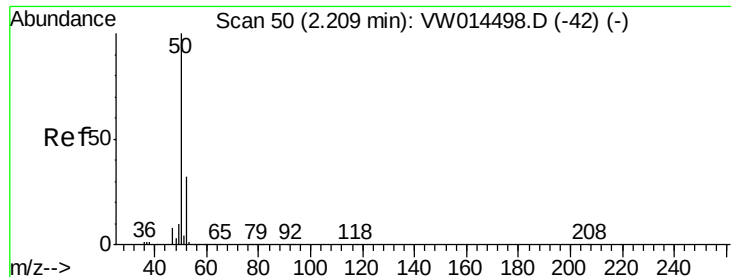
20000

10000

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Time-->





#3

Chloromethane

Concen: 22.419 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS01

Tot Ion: 50 Resp: 115197

Ion Ratio Lower Upper

50 100

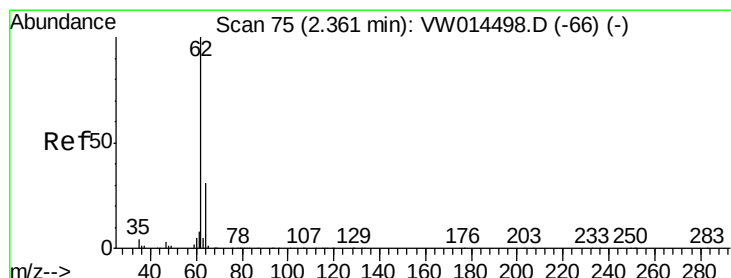
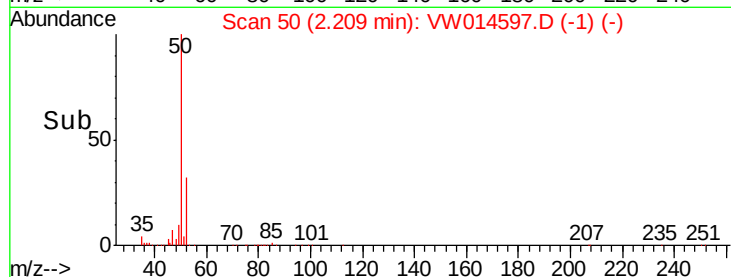
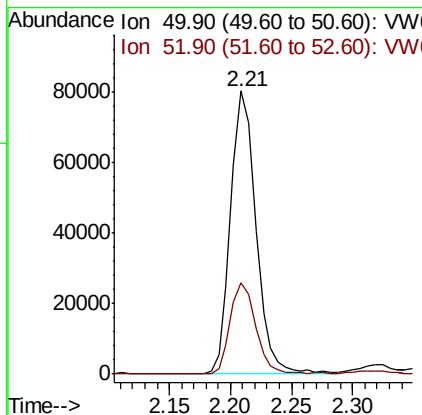
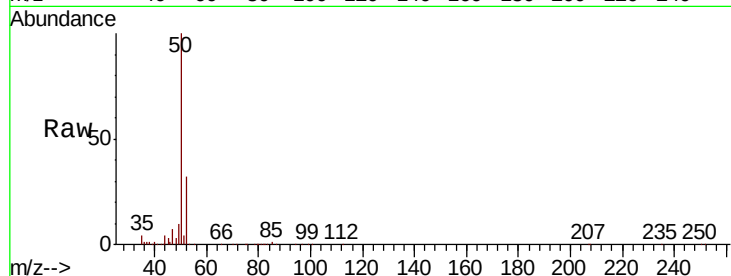
52 32.3 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.663 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW014597.D

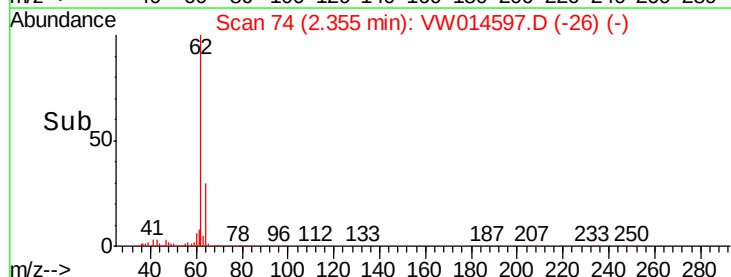
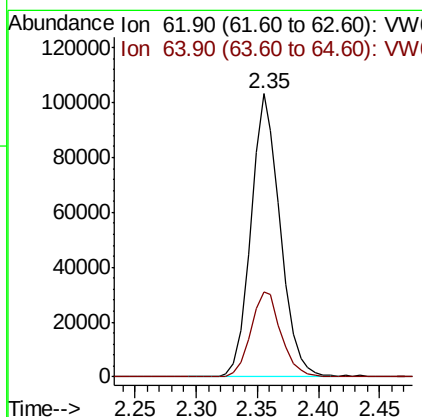
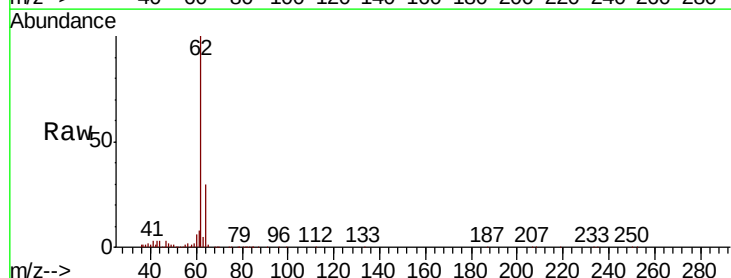
Acq: 10 Jan 2020 14:14

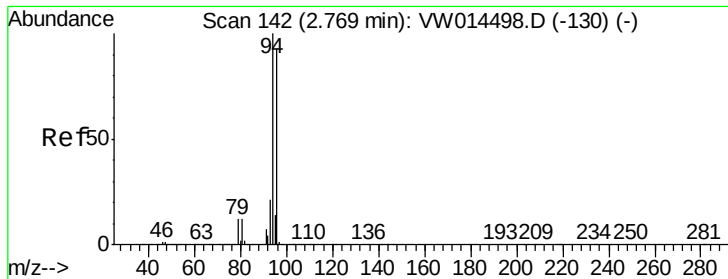
Tgt Ion: 62 Resp: 171280

Ion Ratio Lower Upper

62 100

64 30.0 25.0 37.4





#5

Bromomethane

Concen: 22.589 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS01

Tot Ion: 94 Resp: 105462

Ion Ratio Lower Upper

94 100

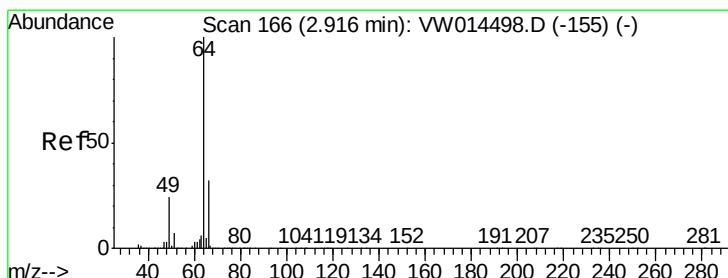
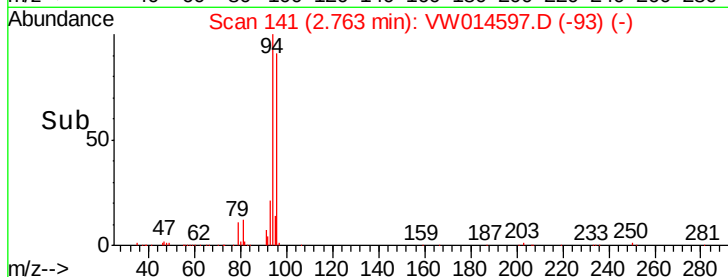
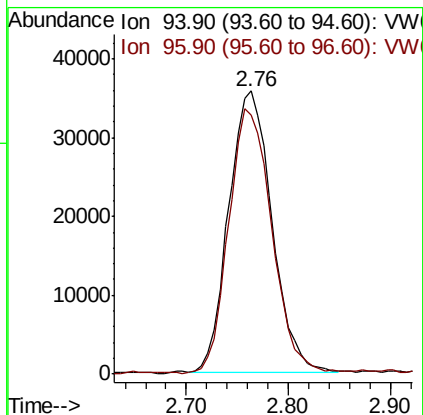
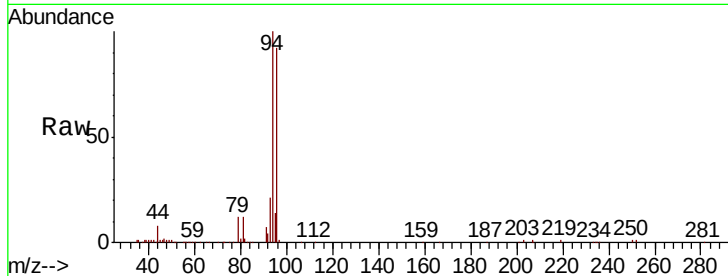
96 91.6 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 22.301 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW014597.D

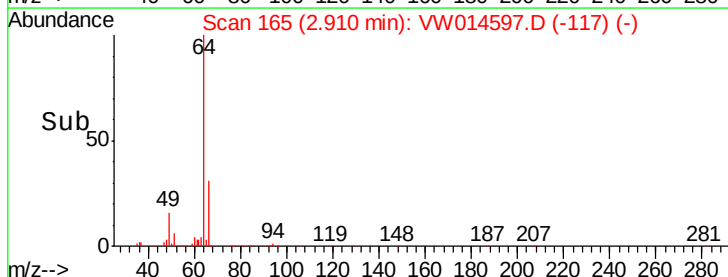
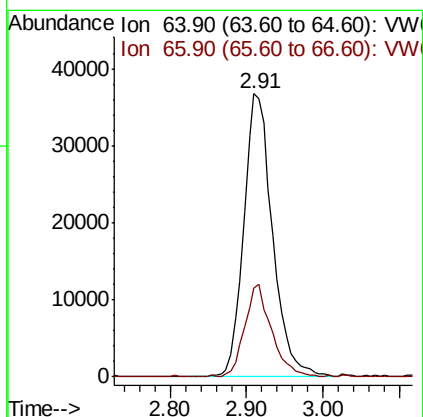
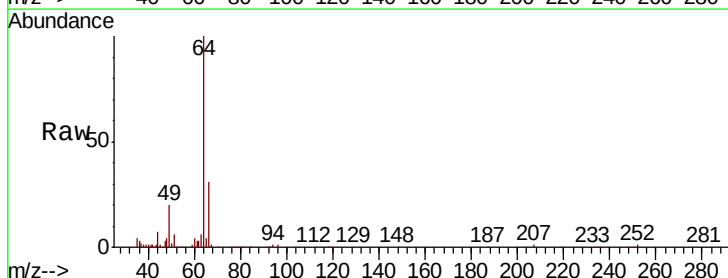
Acq: 10 Jan 2020 14:14

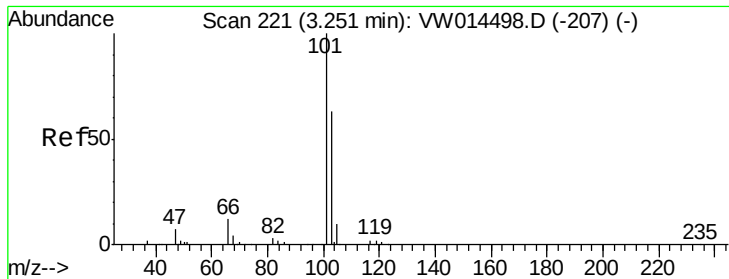
Tgt Ion: 64 Resp: 96076

Ion Ratio Lower Upper

64 100

66 31.1 25.7 38.5





#7

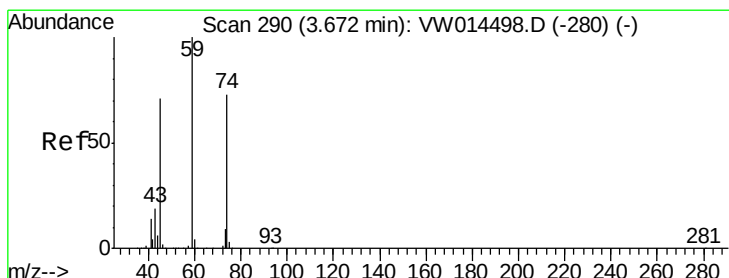
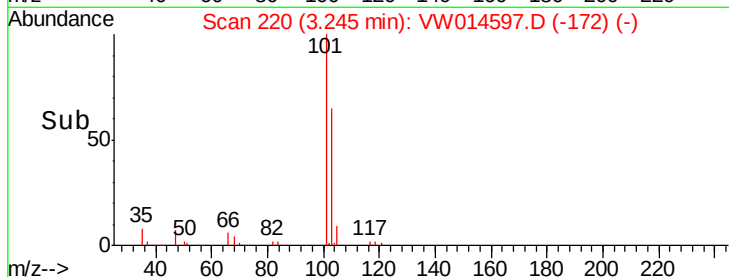
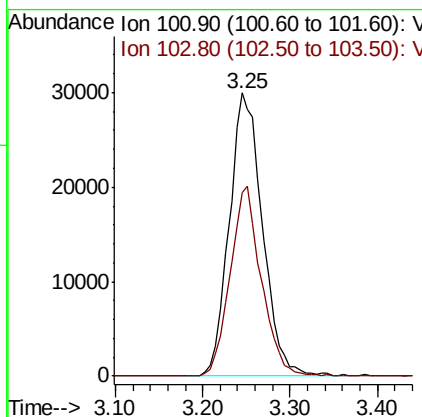
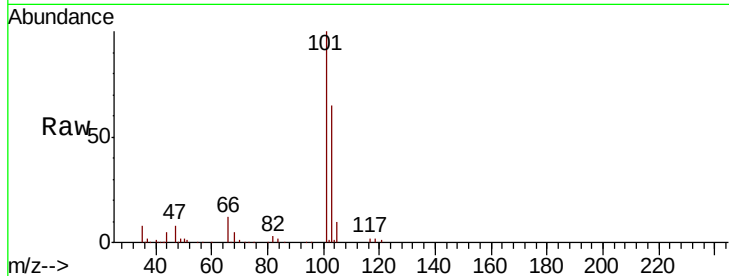
Trichlorofluoromethane
Concen: 20.903 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

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ClientSampleId :
VW0110SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	50.1	75.1

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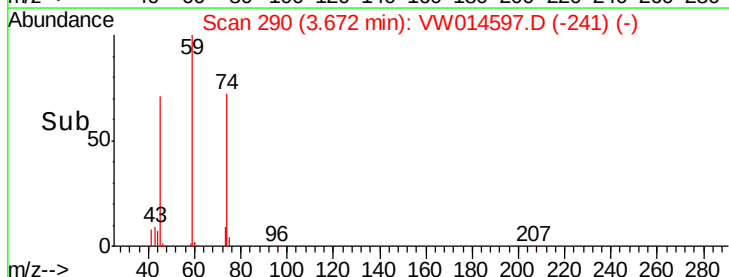
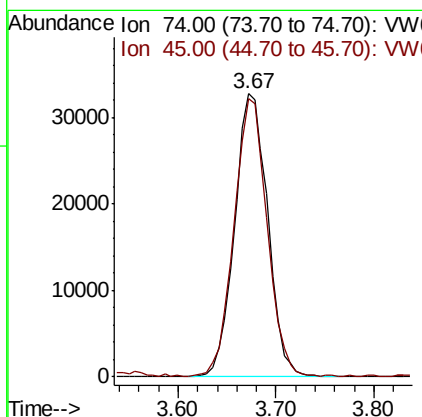
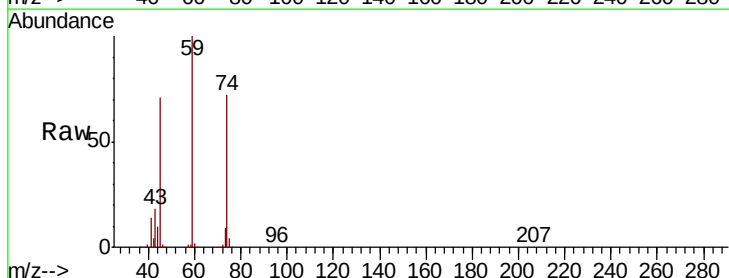
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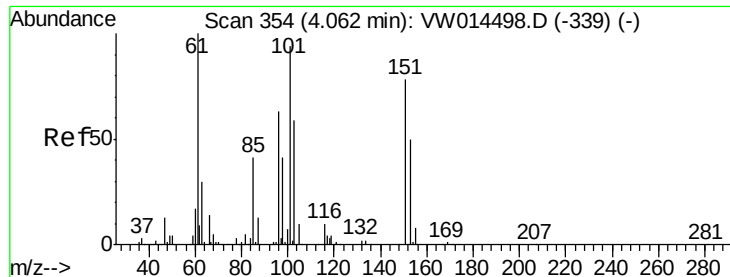


#8

Diethyl Ether
Concen: 20.381 ug/l
RT: 3.67 min Scan# 290
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.9	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.076 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Instrument :

MSVOA_W

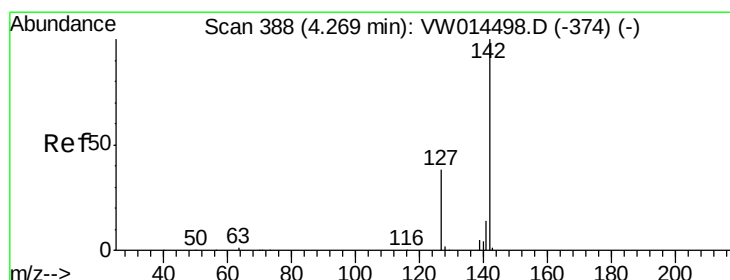
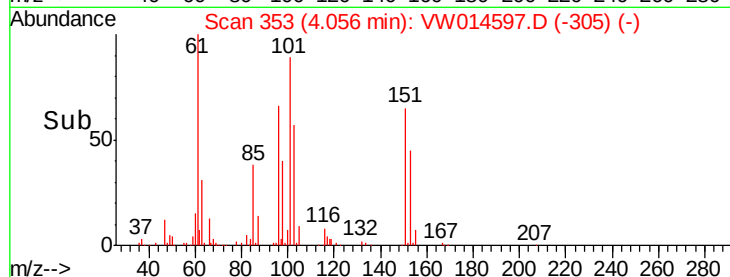
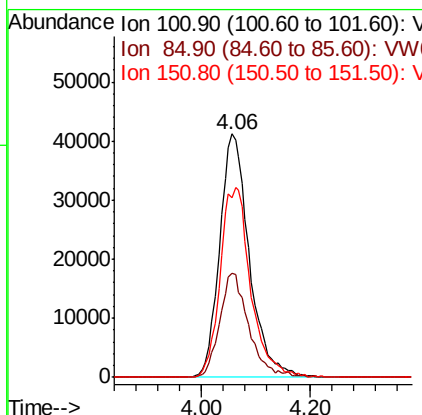
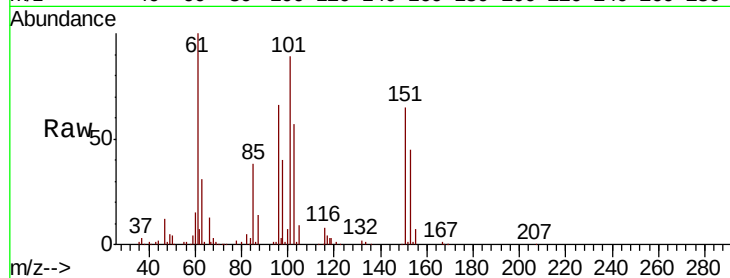
ClientSampled :

VW0110SBS01

Tot Ion:	101	Resp:	155978
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.7	50.5
151	80.4	63.5	95.3

Manual Integrations
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1/13/2020 12:01:34 PM



#10

Methyl Iodide

Concen: 20.652 ug/l

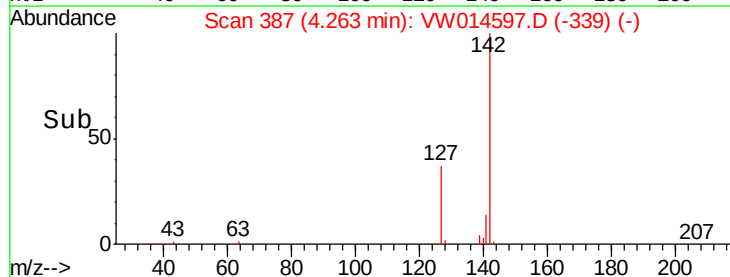
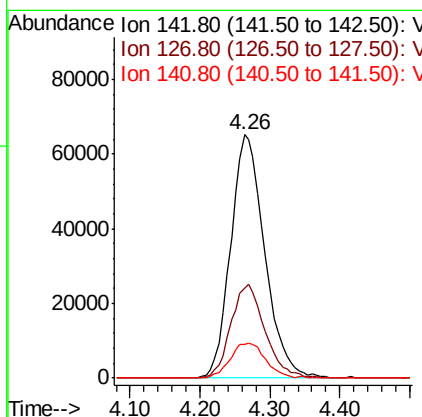
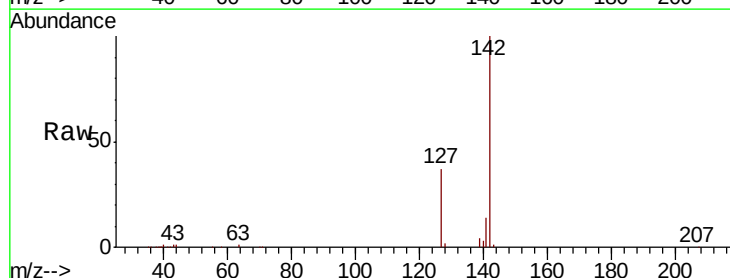
RT: 4.26 min Scan# 387

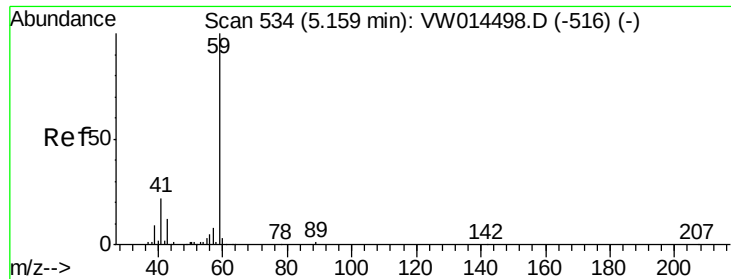
Delta R.T. -0.01 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Tgt Ion:	142	Resp:	220157
Ion Ratio	Lower	Upper	
142	100		
127	38.6	30.2	45.4
141	14.9	11.4	17.2





#11

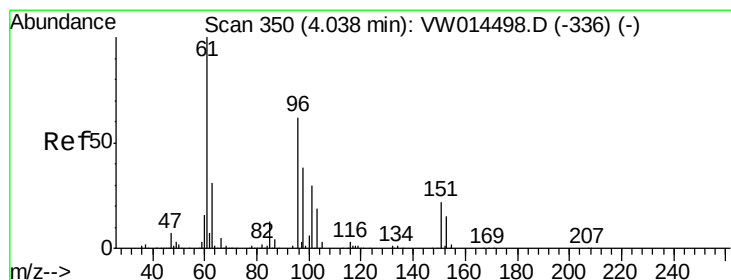
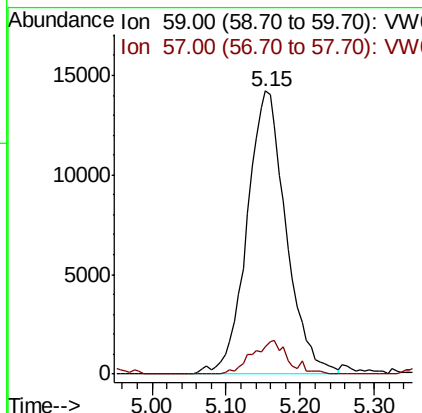
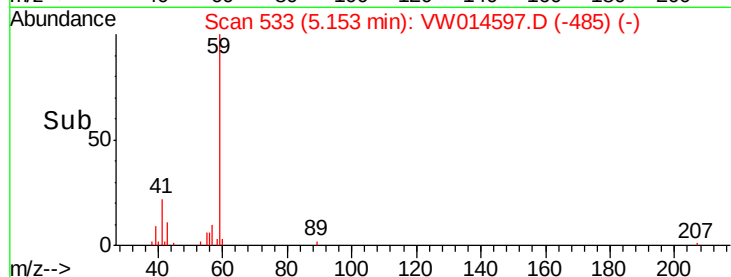
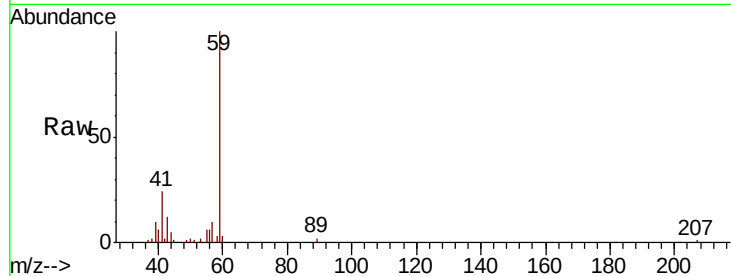
Tert butyl alcohol
Concen: 89.605 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.01 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	7.8	11.8

Manual Integrations
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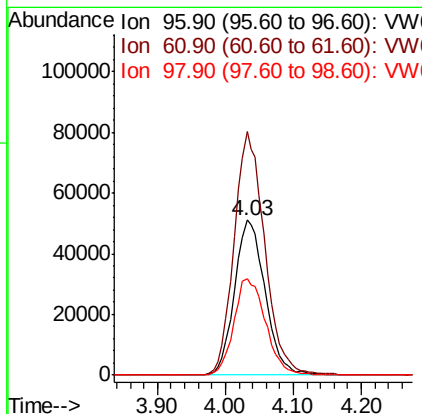
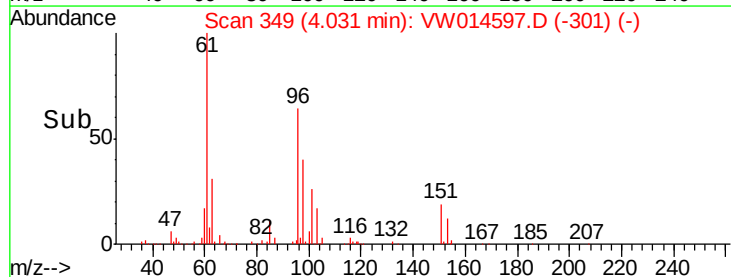
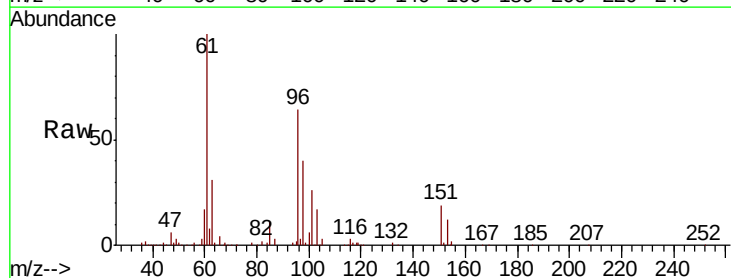
MMDadoda
1/13/2020 12:01:34 PM

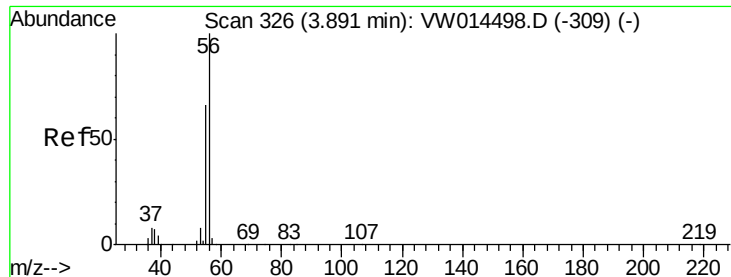


#12

1,1-Dichloroethene
Concen: 21.677 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.4	128.4	192.6
98	62.7	49.1	73.7





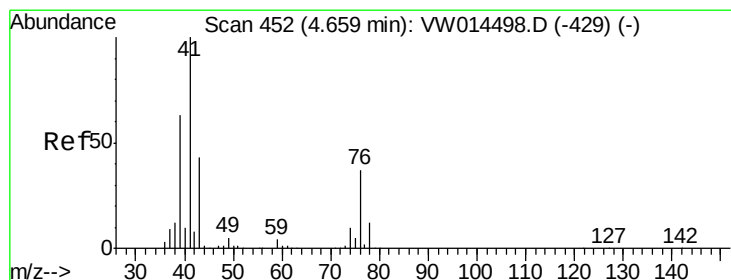
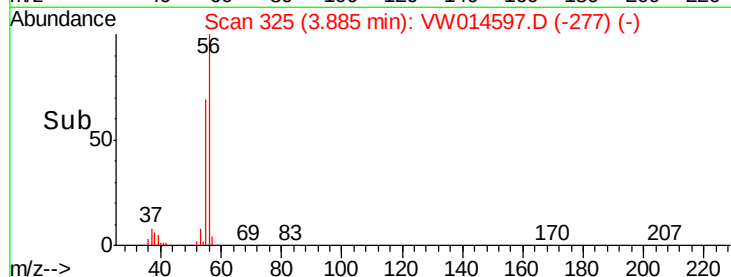
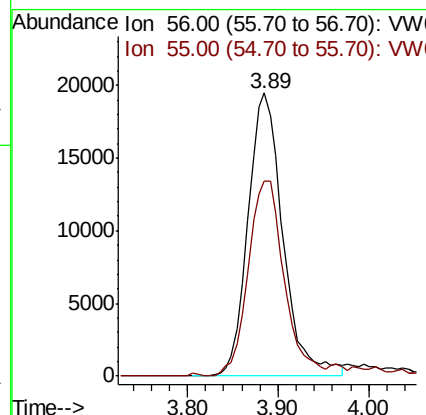
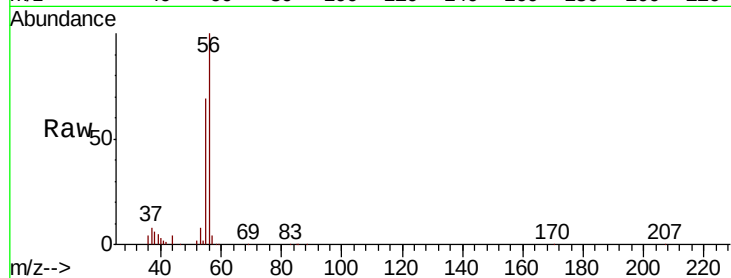
#13
Acrolein
Concen: 91.793 ug/l
RT: 3.89 min Scan# 325
Delta R.T. -0.01 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.7	56.7	85.1

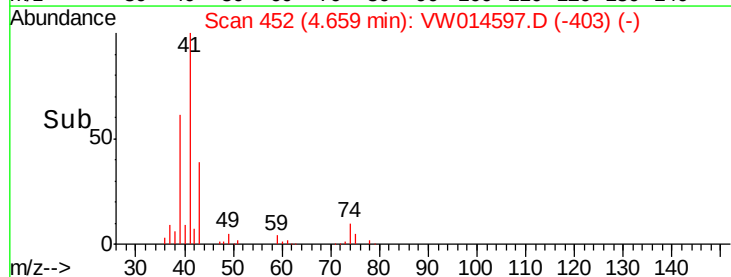
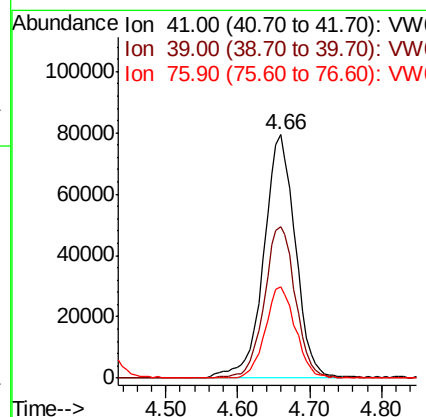
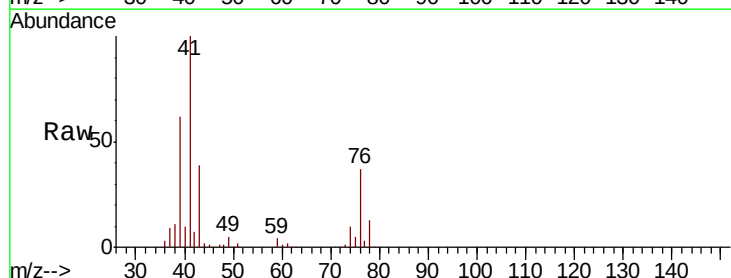
Manual Integrations
APPROVED

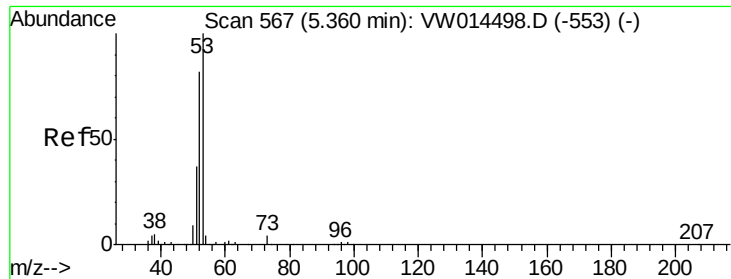
MMDadoda
1/13/2020 12:01:34 PM



#14
Allyl chloride
Concen: 21.369 ug/l
RT: 4.66 min Scan# 452
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.5	48.5	72.7
76	35.8	28.1	42.1





#15

Acrylonitrile

Concen: 105.492 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Instrument :

MSVOA_W

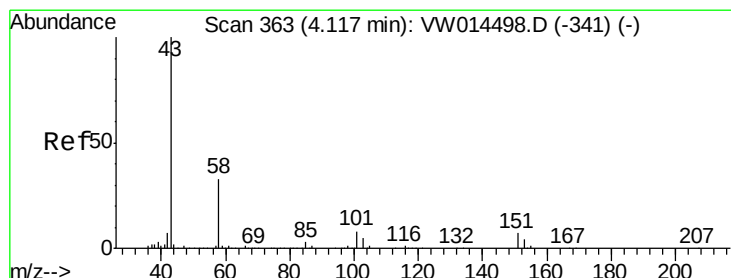
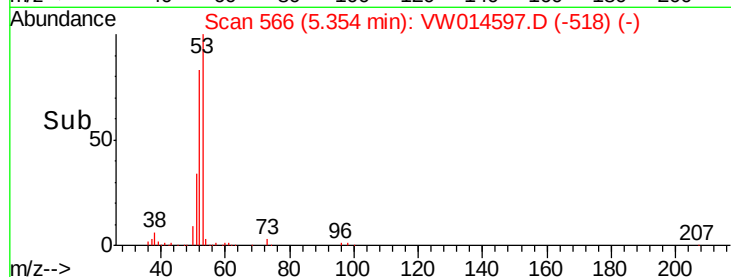
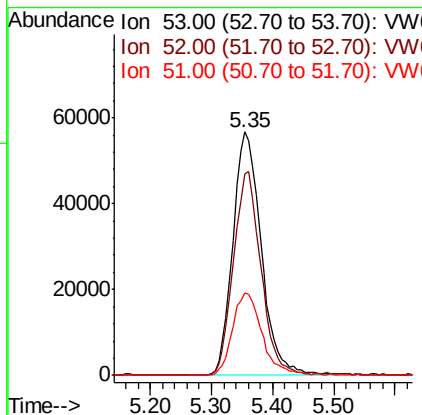
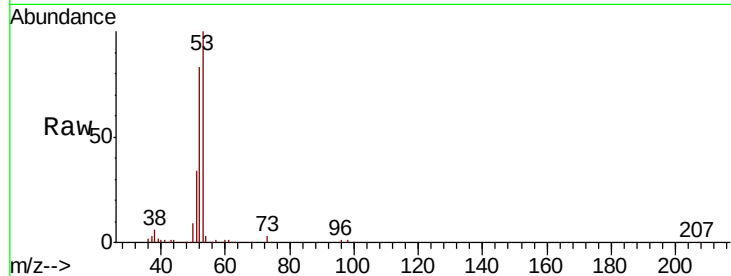
ClientSampleId :

VW0110SBS01

Tot Ion:	53	Resp:	181423
Ion Ratio	Lower	Upper	
53	100		
52	80.9	66.5	99.7
51	35.1	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 100.052 ug/l

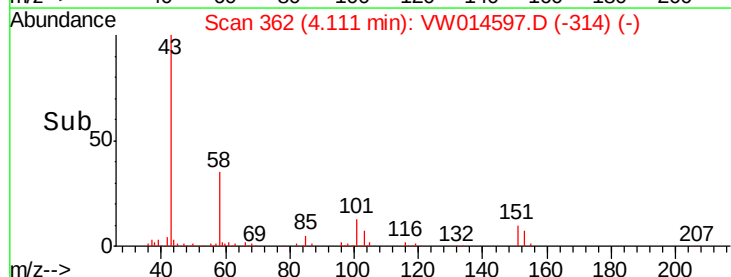
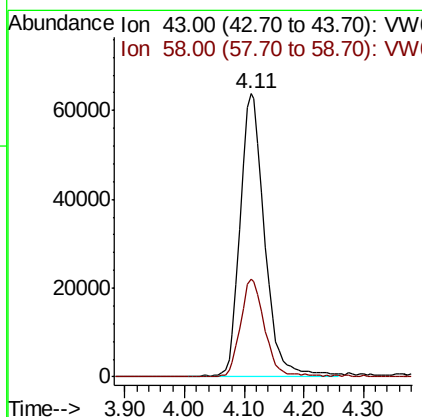
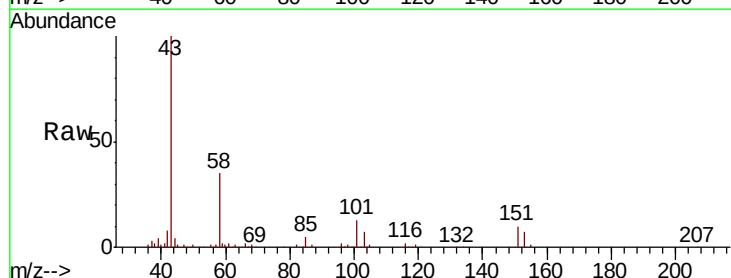
RT: 4.11 min Scan# 362

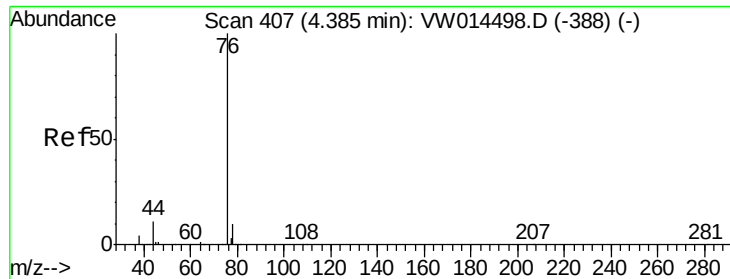
Delta R.T. -0.01 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Tgt Ion:	43	Resp:	183650
Ion Ratio	Lower	Upper	
43	100		
58	34.6	26.6	39.8





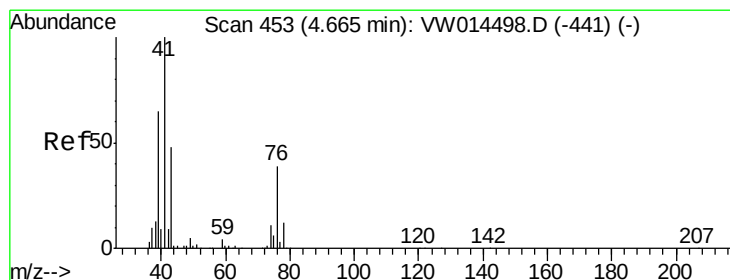
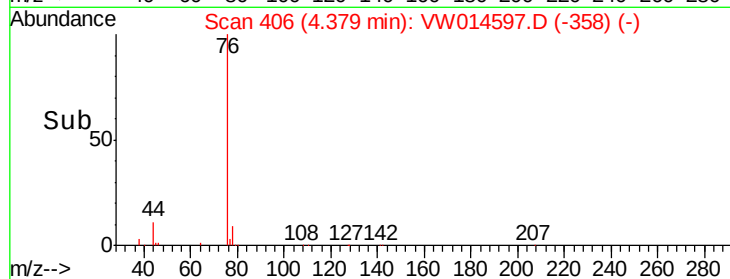
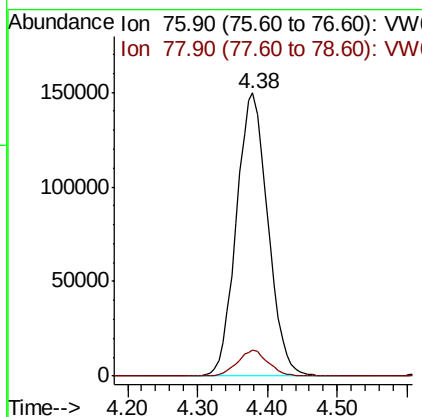
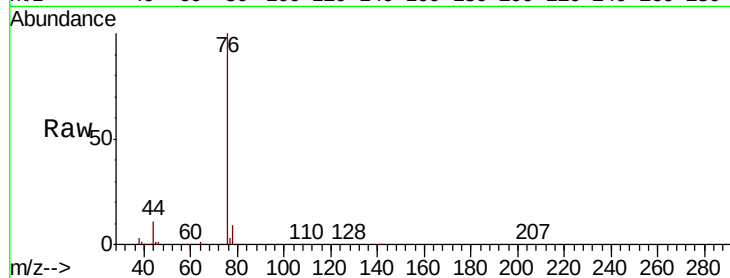
#17
Carbon Disulfide
Concen: 20.982 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.8	11.6

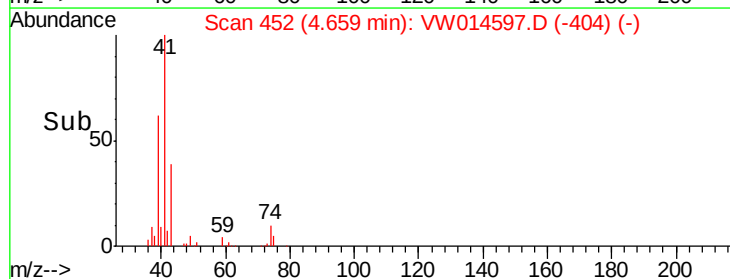
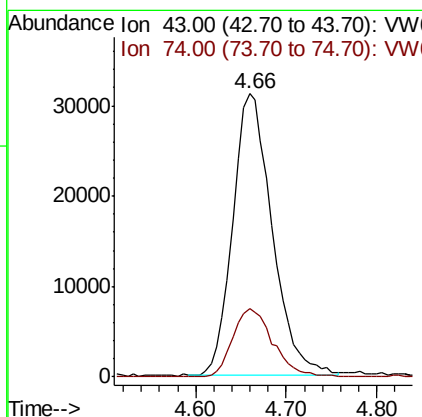
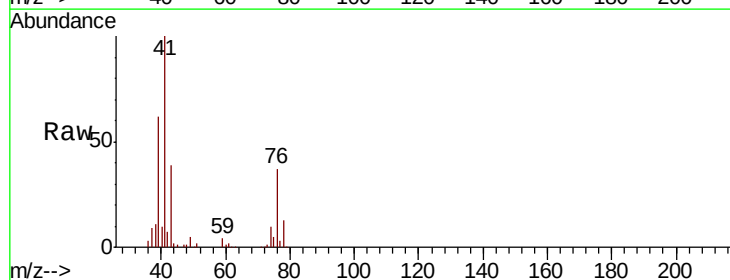
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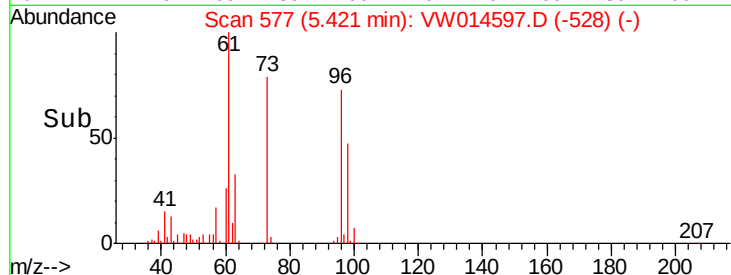
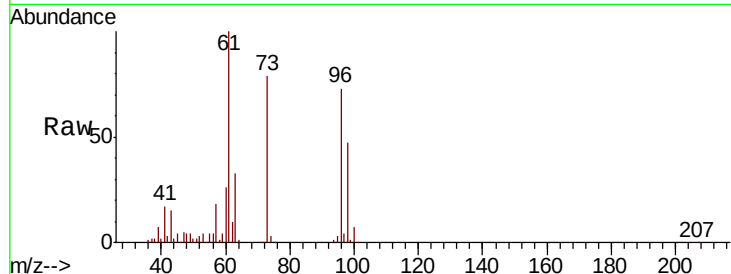
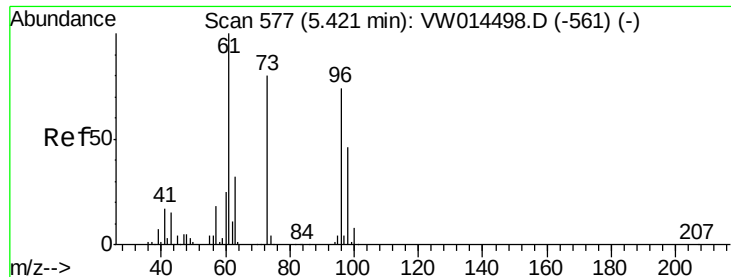
MMDadoda
1/13/2020 12:01:34 PM



#18
Methyl Acetate
Concen: 21.266 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	19.3	28.9





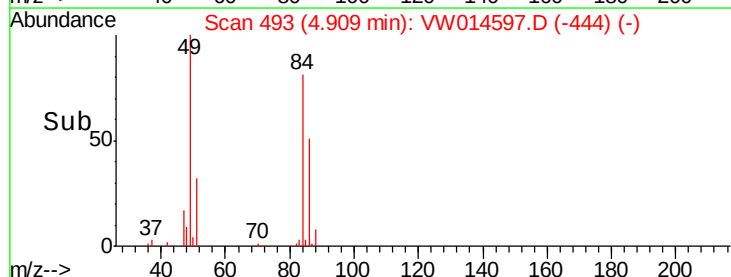
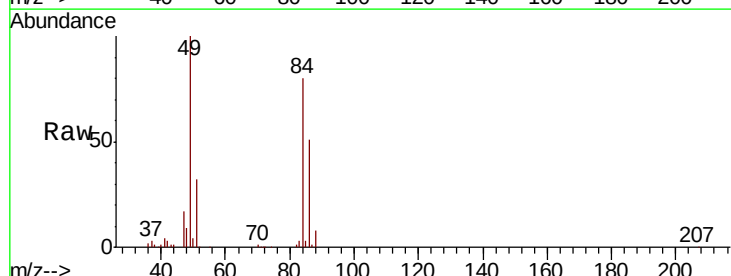
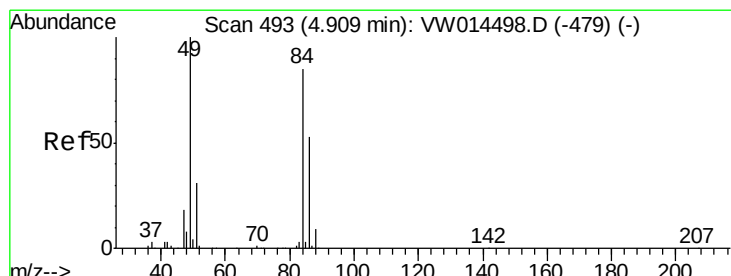
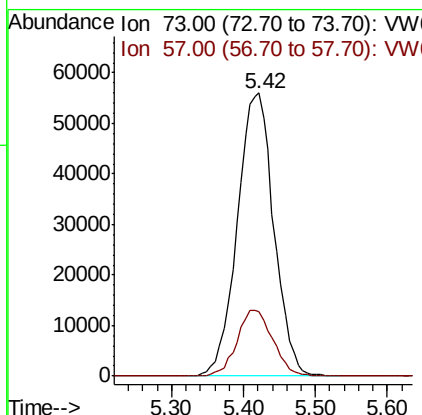
#19
Methyl tert-butyl Ether
Concen: 21.434 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tot Ion: 73 Resp: 196862
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

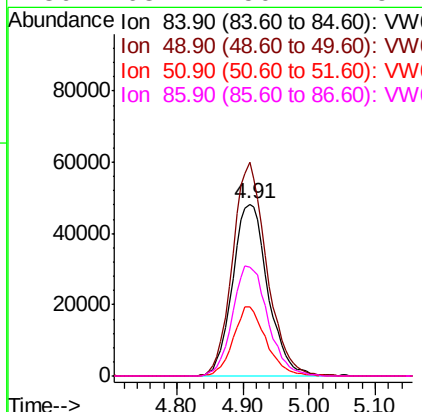
Manual Integrations
APPROVED

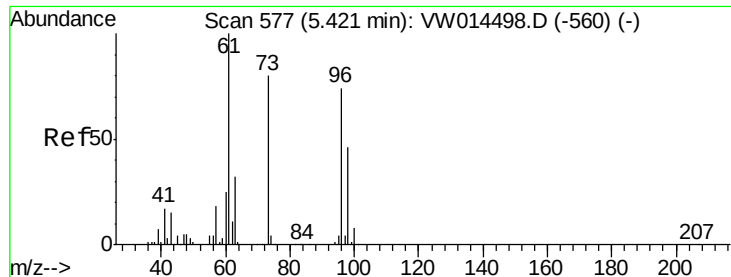
MMDadoda
1/13/2020 12:01:34 PM



#20
Methylene Chloride
Concen: 21.510 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tgt Ion: 84 Resp: 178810
Ion Ratio Lower Upper
84 100
49 124.3 94.4 141.6
51 40.3 29.5 44.3
86 63.2 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 21.507 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Instrument :

MSVOA_W

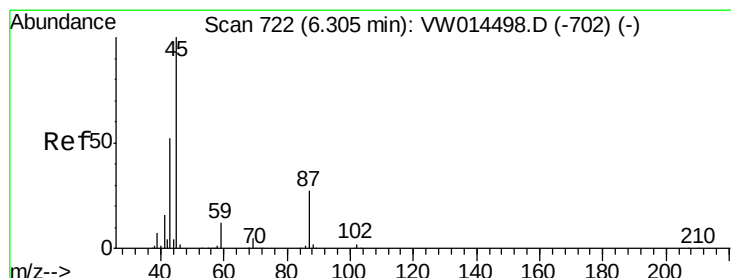
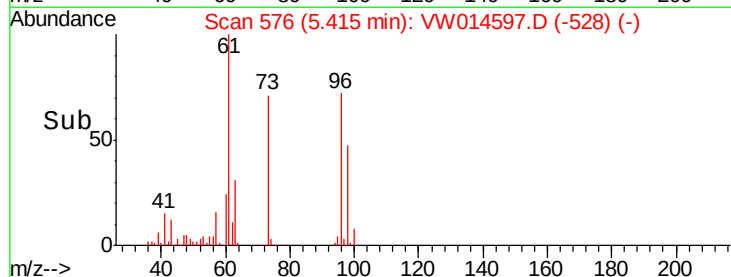
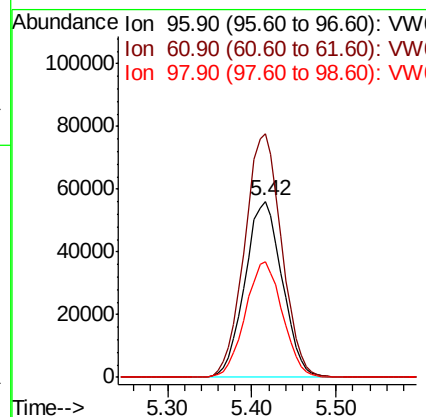
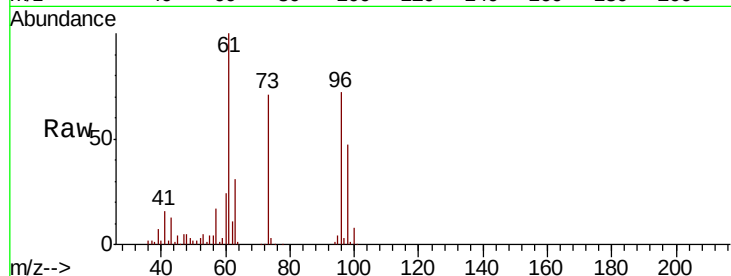
ClientSampled :

VW0110SBS01

Tot Ion:	96	Resp:	168968
Ion	Ratio	Lower	Upper
96	100		
61	138.0	107.8	161.6
98	65.2	49.4	74.0

Manual Integrations
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1/13/2020 12:01:34 PM



#22

Diisopropyl ether

Concen: 21.612 ug/l

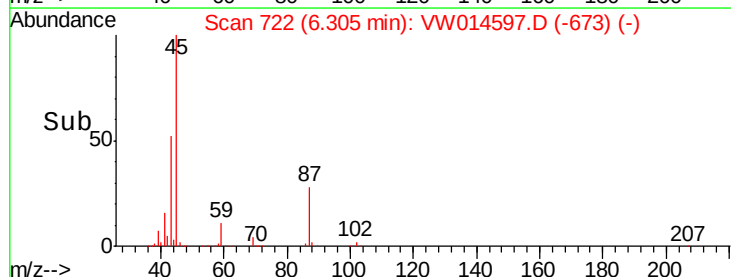
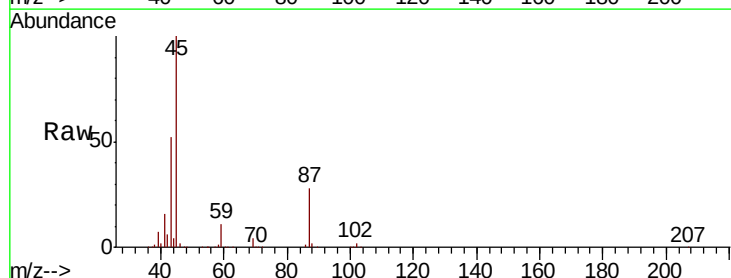
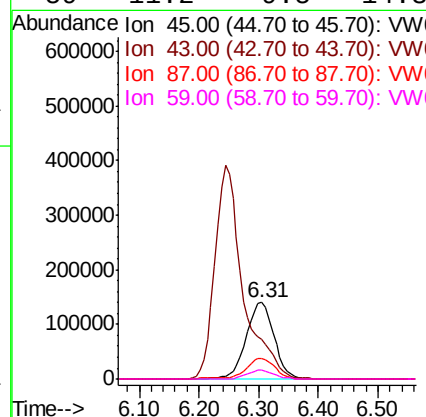
RT: 6.31 min Scan# 722

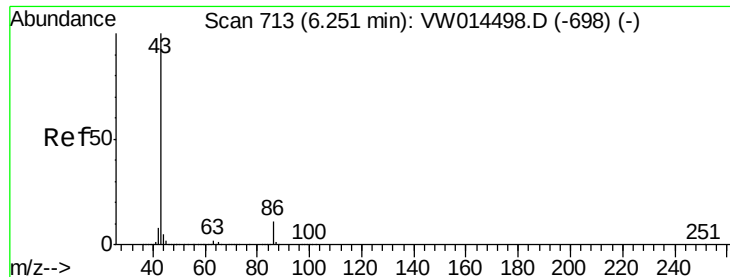
Delta R.T. 0.00 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Tgt Ion:	45	Resp:	457376
Ion	Ratio	Lower	Upper
45	100		
43	51.0	41.4	62.0
87	27.5	22.2	33.2
59	11.2	9.5	14.3





#23

Vinyl Acetate

Concen: 100.048 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Instrument :

MSVOA_W

ClientSampled :

VW0110SBS01

Tot Ion: 43 Resp: 1278582

Ion Ratio Lower Upper

43 100

86 11.1

8.8

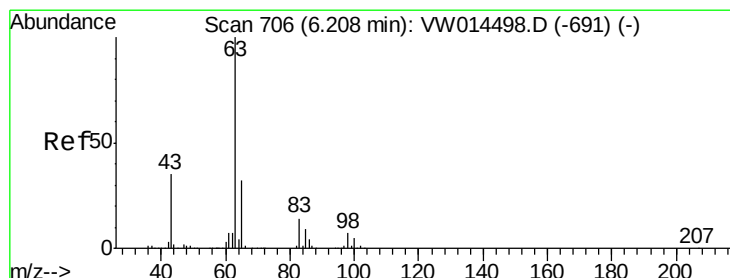
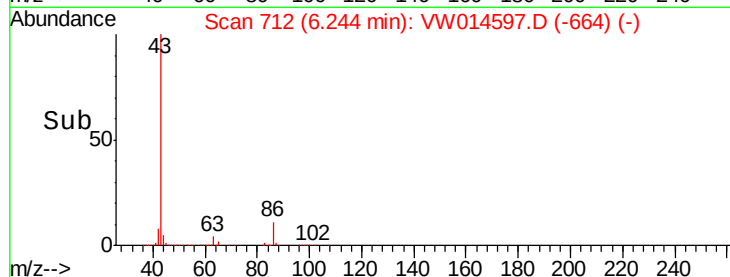
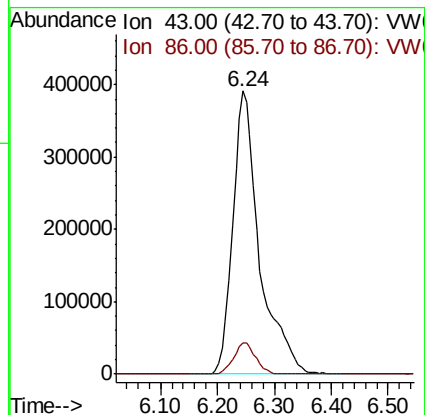
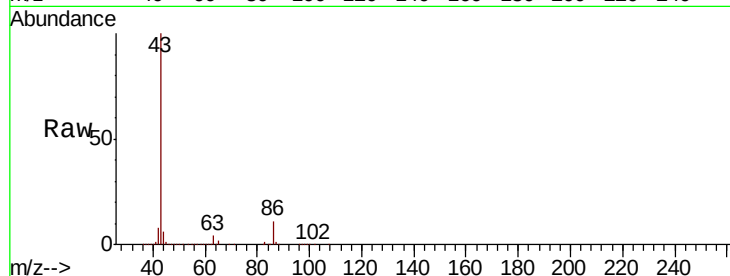
13.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.303 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Tgt Ion: 63 Resp: 284382

Ion Ratio Lower Upper

63 100

98 7.1

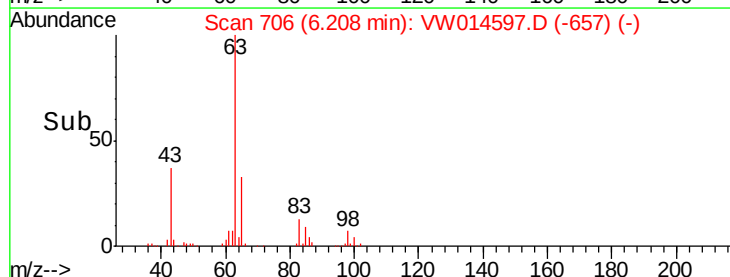
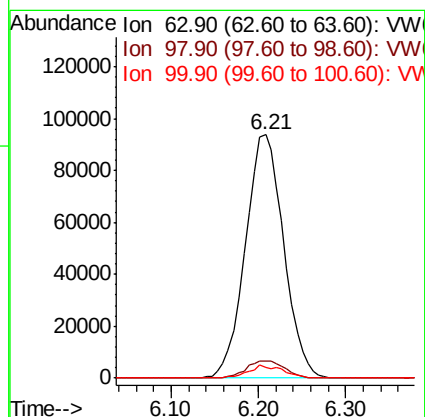
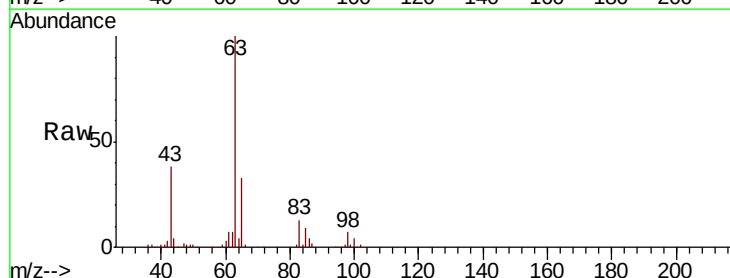
3.5

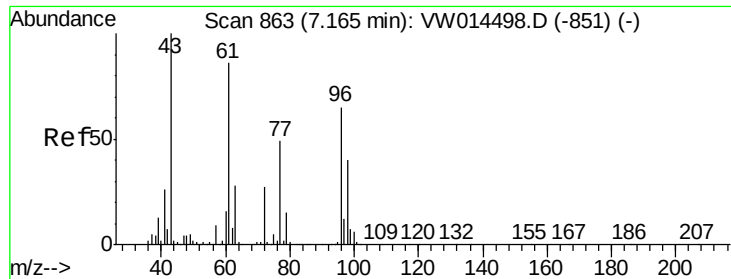
10.4

100 4.5

2.5

7.4





#25

2-Butanone

Concen: 100.359 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Instrument :

MSVOA_W

ClientSampled :

VW0110SBS01

Tot Ion: 43 Resp: 236406

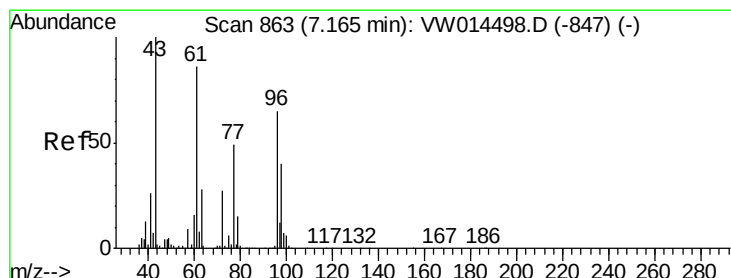
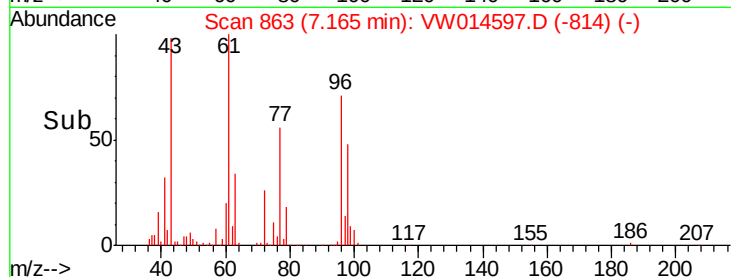
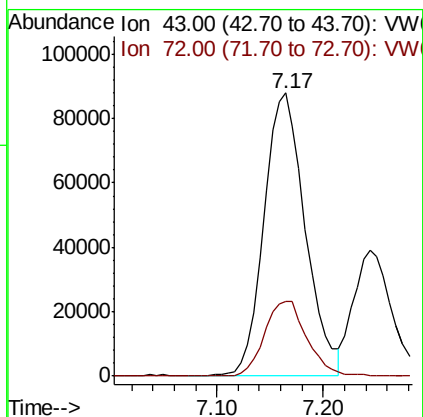
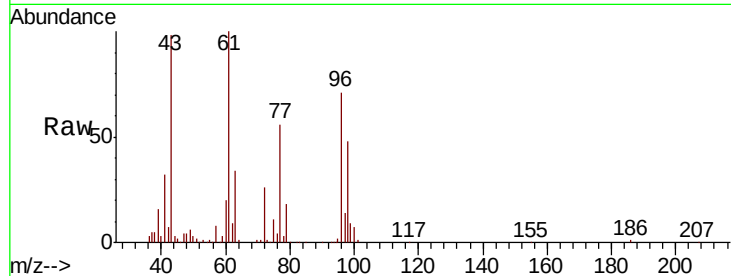
Ion Ratio Lower Upper

43 100

72 26.4 21.9 32.9

Manual Integrations
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1/13/2020 12:01:34 PM



#26

2,2-Dichloropropane

Concen: 21.375 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014597.D

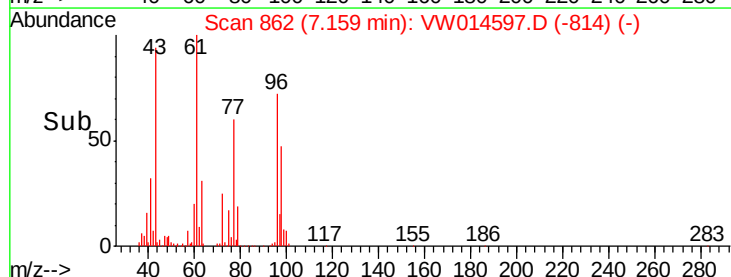
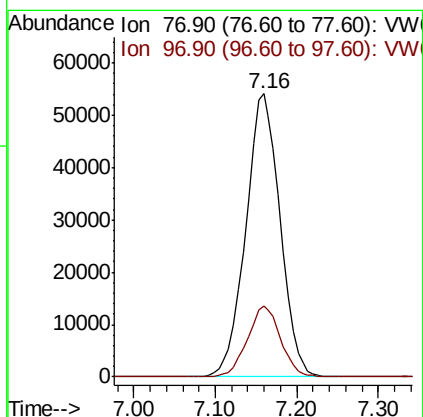
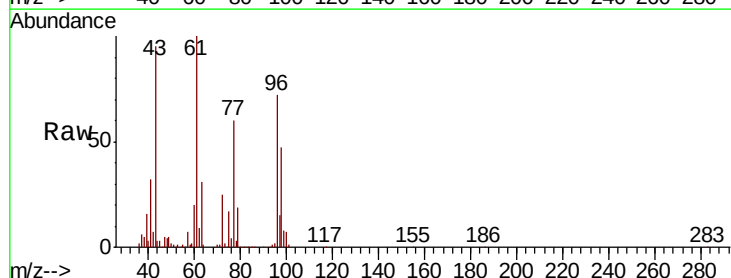
Acq: 10 Jan 2020 14:14

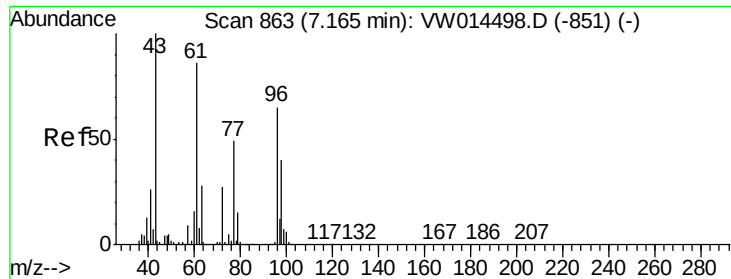
Tgt Ion: 77 Resp: 157985

Ion Ratio Lower Upper

77 100

97 24.2 12.5 37.5





#27

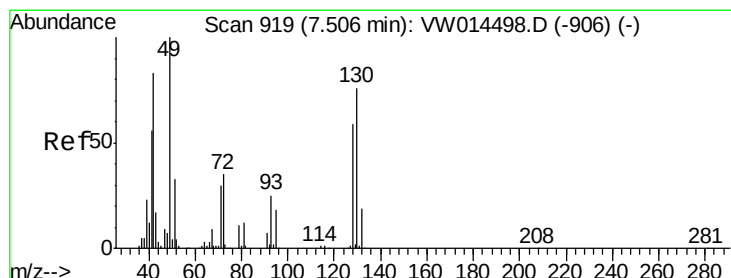
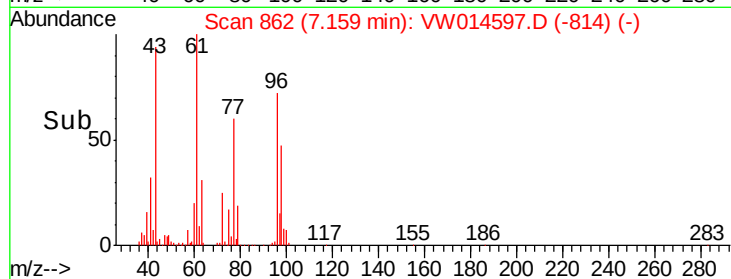
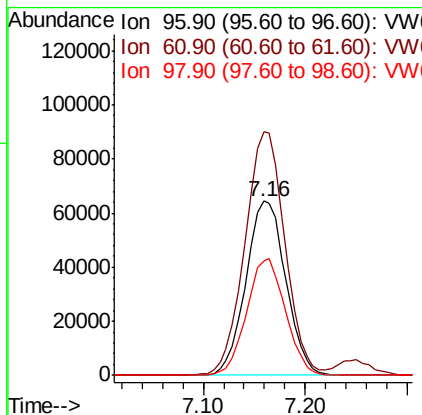
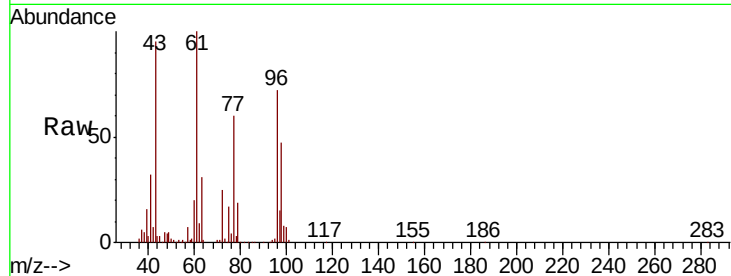
cis-1,2-Dichloroethene
Concen: 21.255 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	274.8
98	65.0	0.0	128.6

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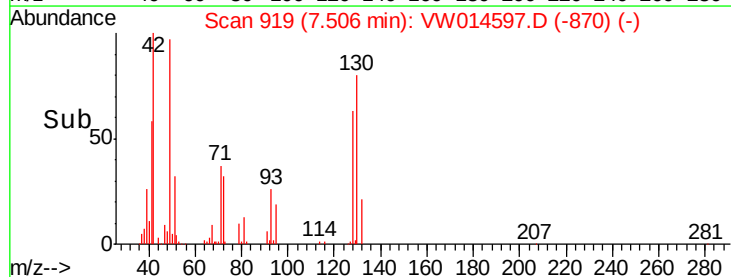
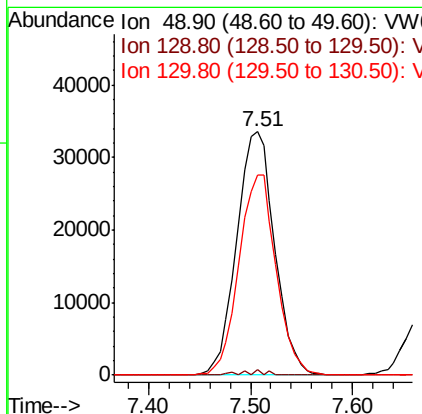
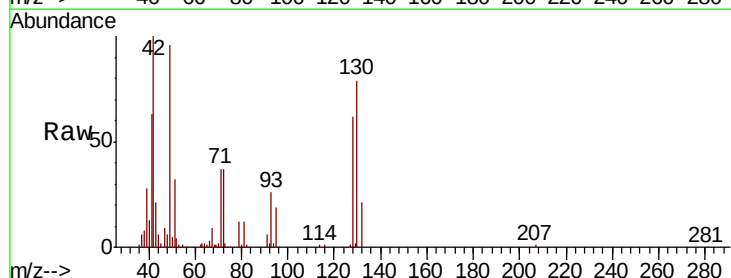
MMDadoda
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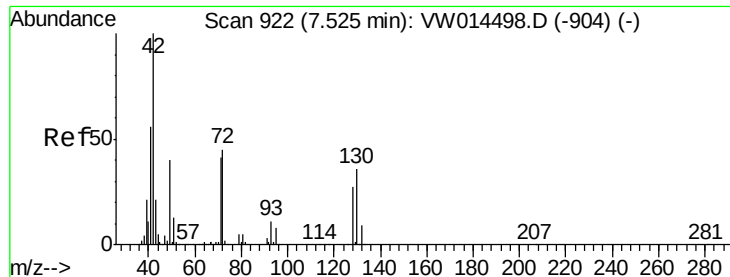


#28

Bromochloromethane
Concen: 16.551 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	2.0
130	80.9	62.5	93.7





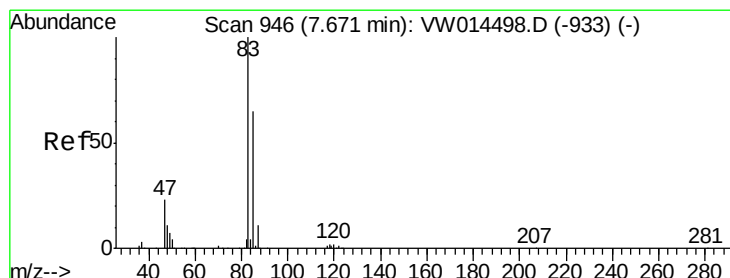
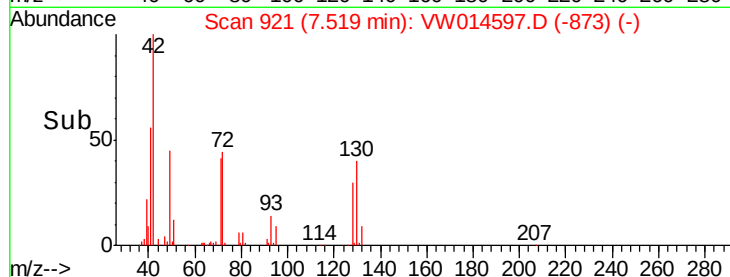
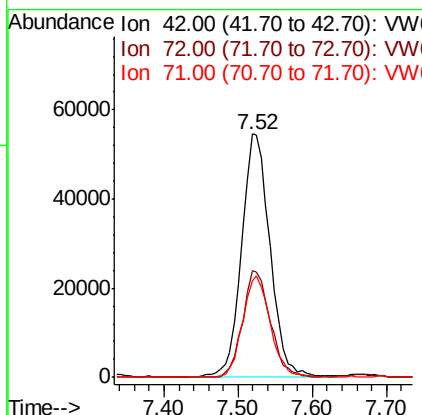
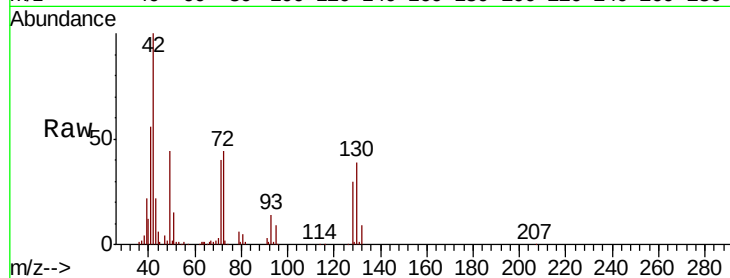
#29
Tetrahydrofuran
Concen: 100.135 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.01 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.5	51.7
71	40.6	32.0	48.0

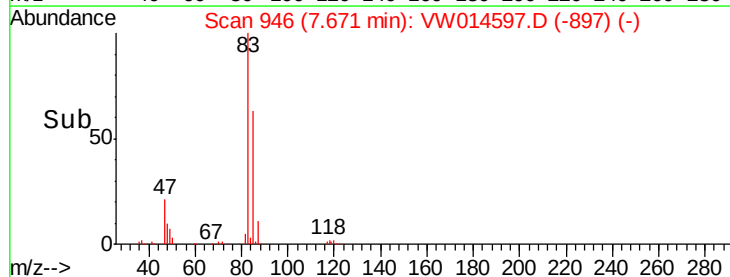
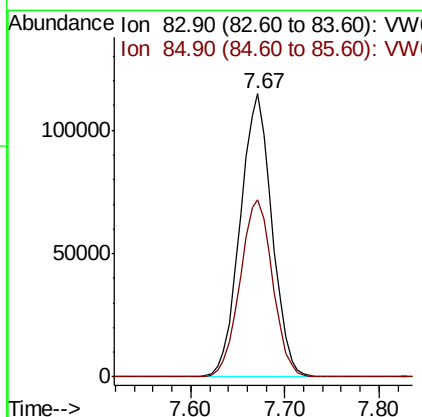
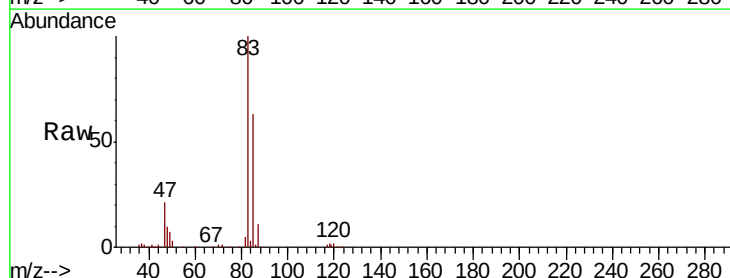
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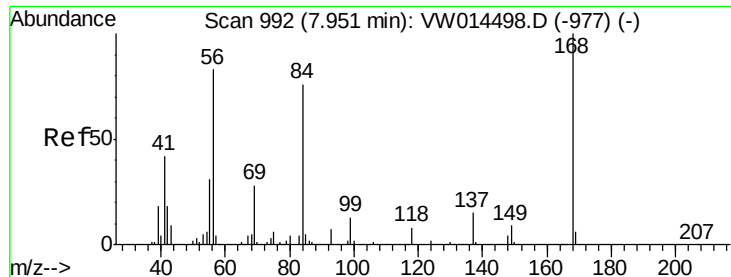
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#30
Chloroform
Concen: 21.683 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.2	78.2





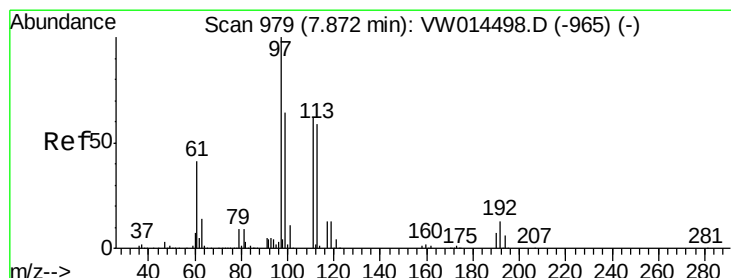
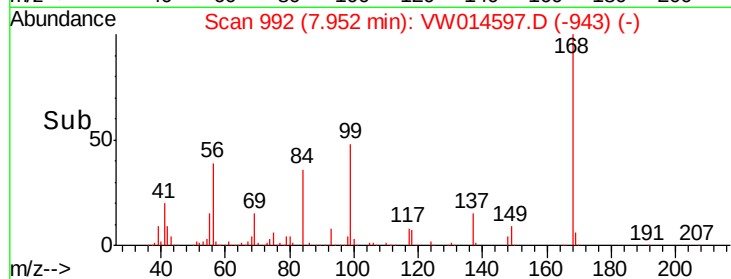
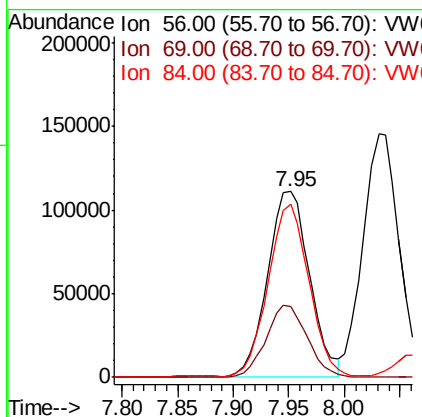
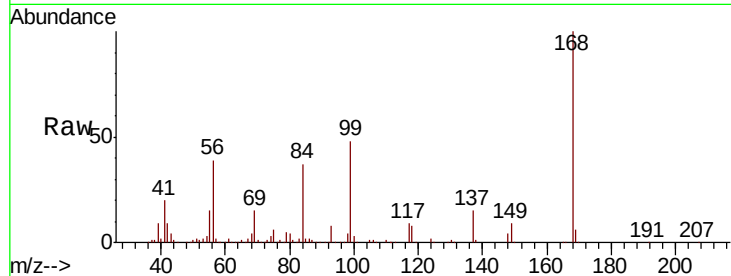
#31
Cyclohexane
Concen: 21.172 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.3	26.8	40.2
84	92.4	71.8	107.6

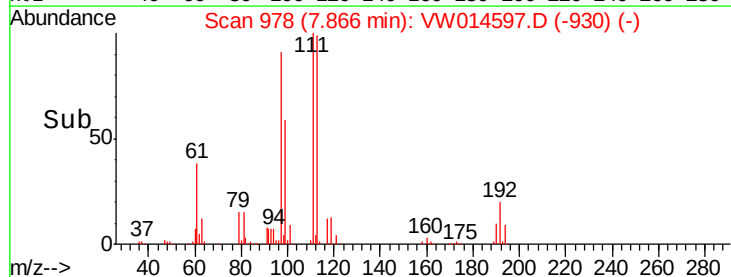
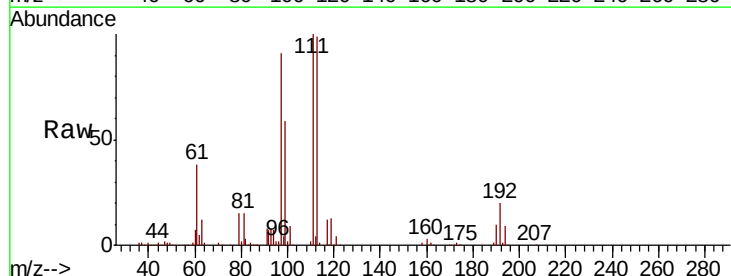
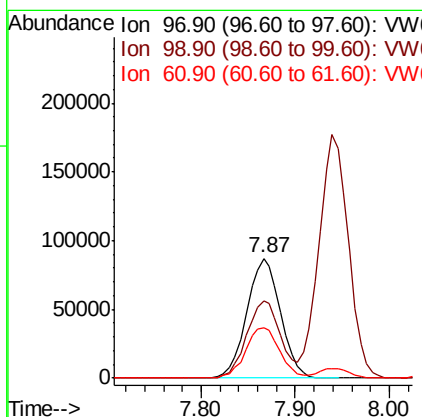
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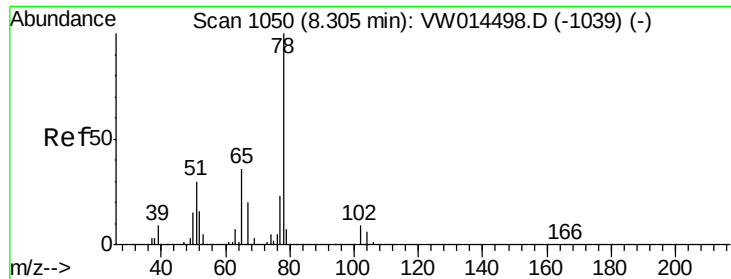
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 21.686 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.9	51.8	77.6
61	42.7	33.8	50.8





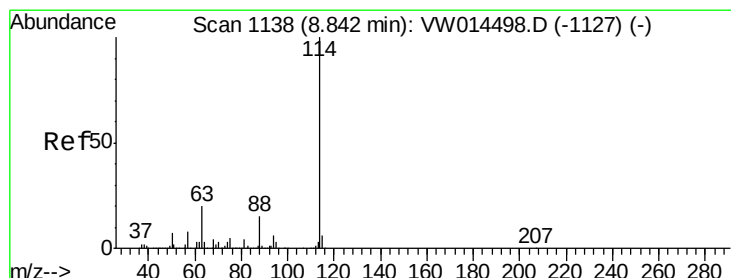
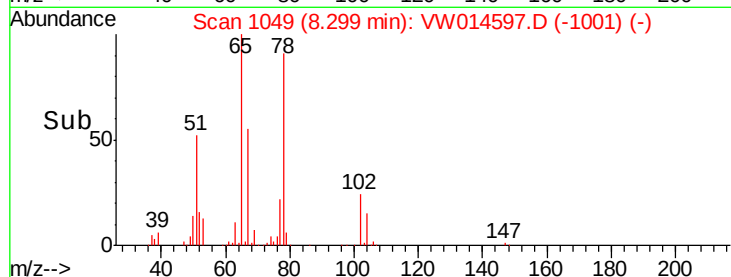
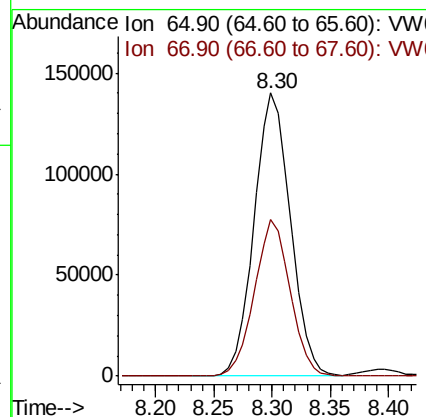
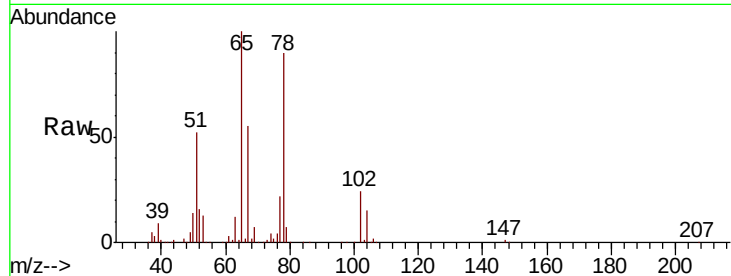
#33
 1,2-Dichloroethane-d4
 Concen: 46.957 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014597.D
 Acq: 10 Jan 2020 14:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	108.4

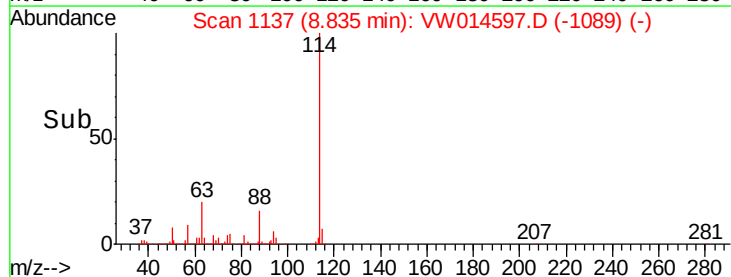
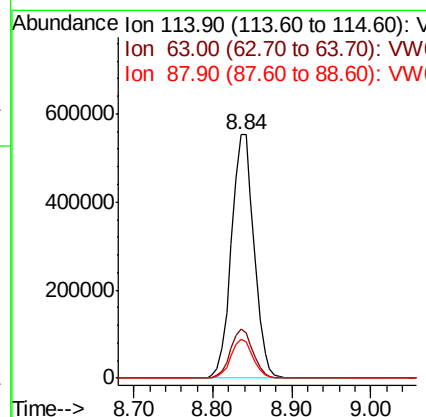
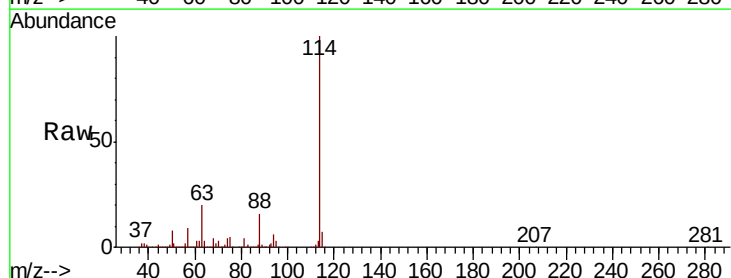
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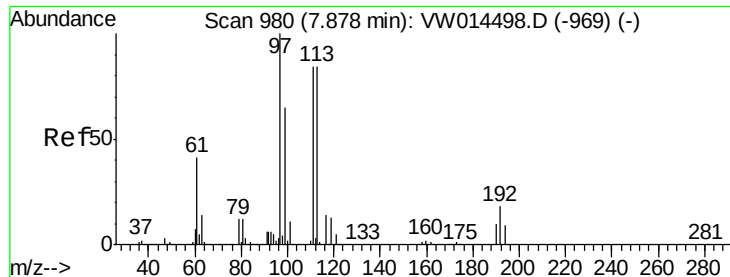
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW014597.D
 Acq: 10 Jan 2020 14:14

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.4
88	15.8	0.0	30.6





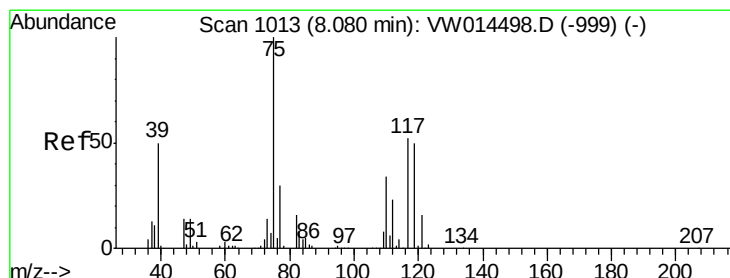
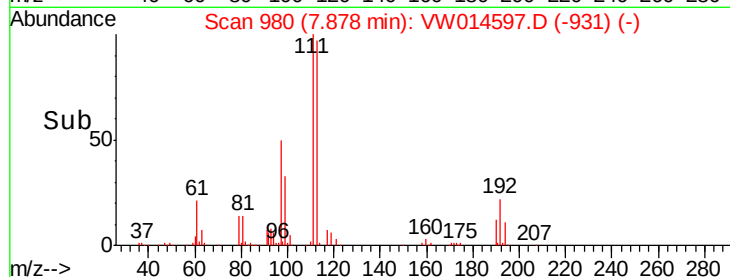
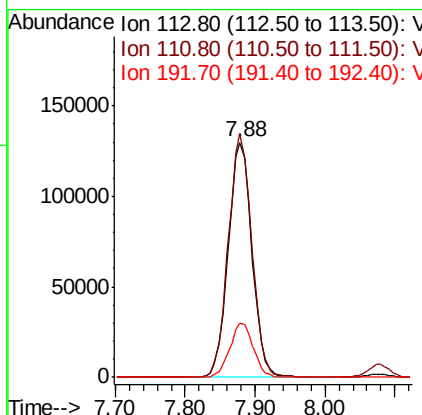
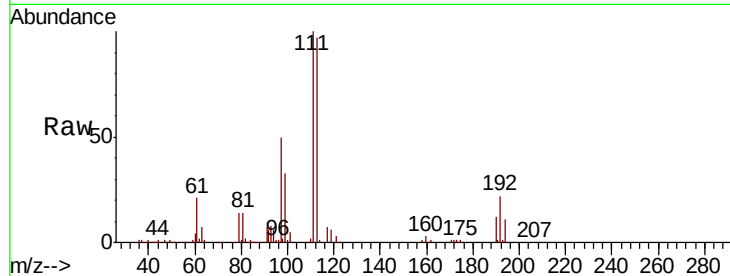
#35
 Dibromofluoromethane
 Concen: 48.359 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW014597.D
 Acq: 10 Jan 2020 14:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	305304		
111	102.9		81.4	122.2
192	22.9		17.8	26.8

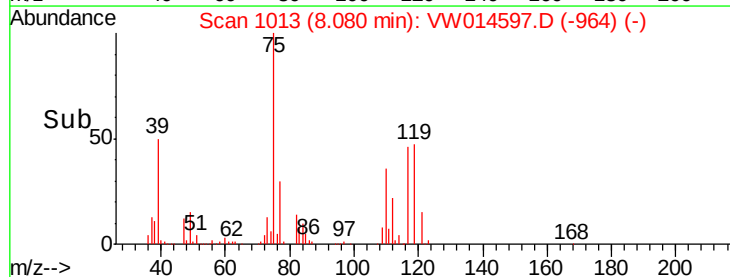
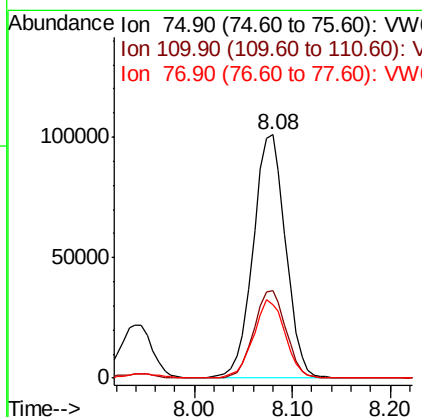
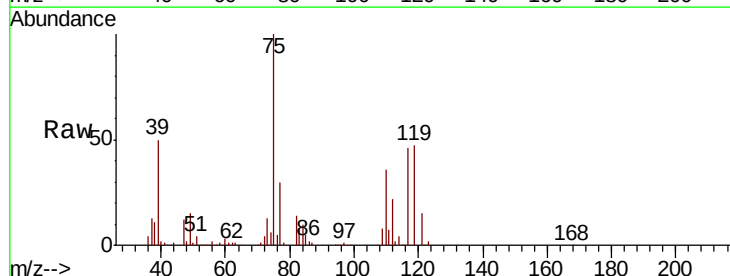
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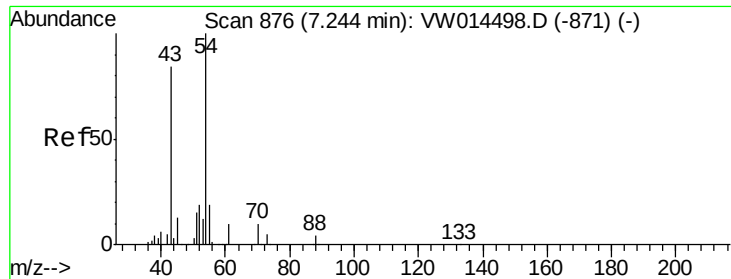
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#36
 1,1-Dichloropropene
 Concen: 21.813 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW014597.D
 Acq: 10 Jan 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	232290		
110	35.7		17.8	53.5
77	31.9		24.7	37.1





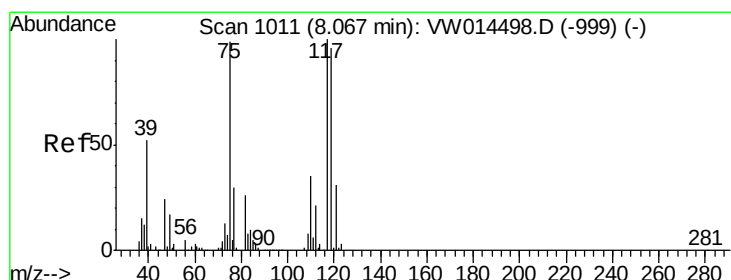
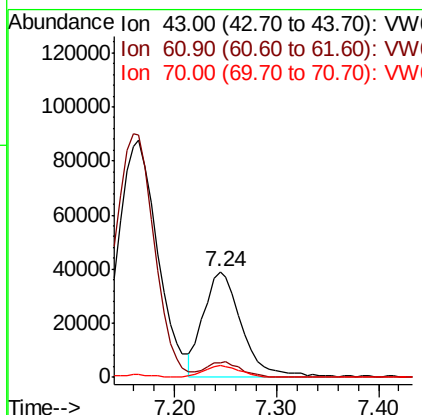
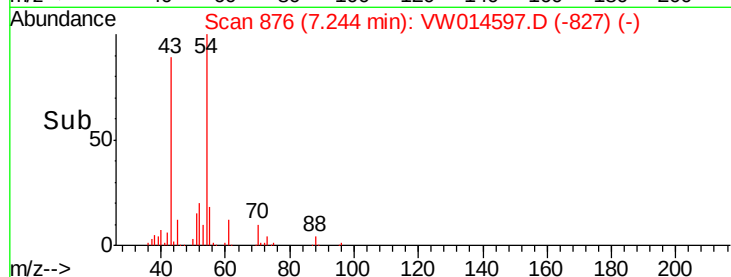
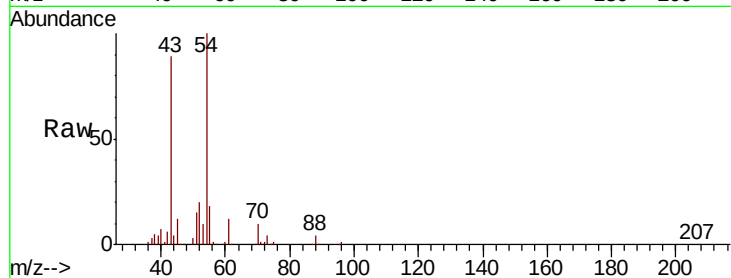
#37
Ethyl Acetate
Concen: 20.685 ug/l
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.7	17.5
70	10.9	9.0	13.6

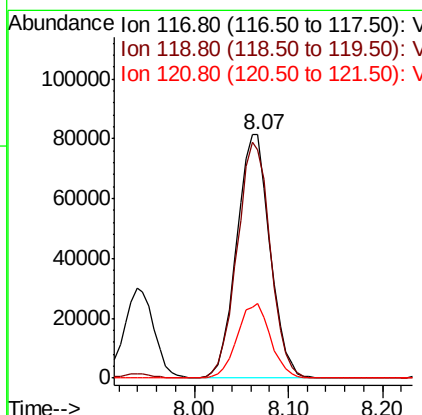
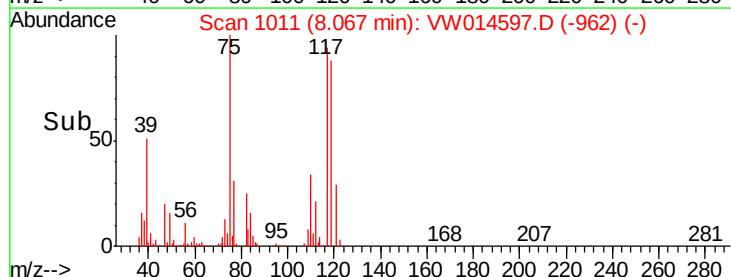
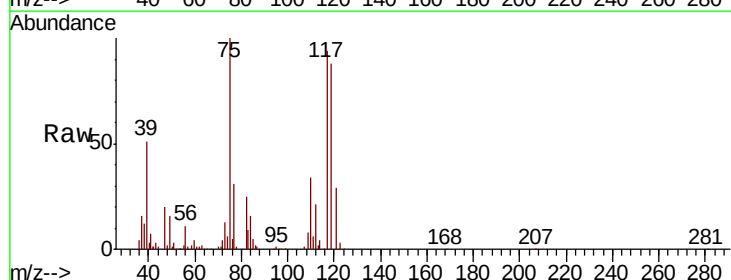
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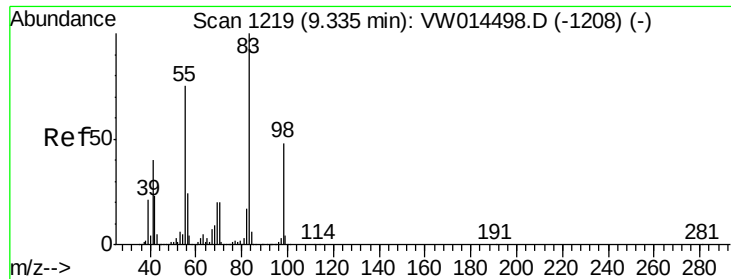
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#38
Carbon Tetrachloride
Concen: 21.828 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.0	115.6
121	30.5	24.6	36.8





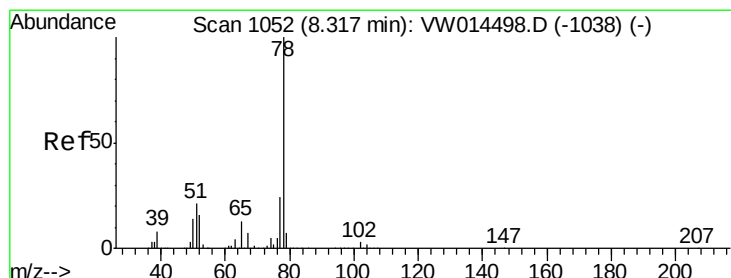
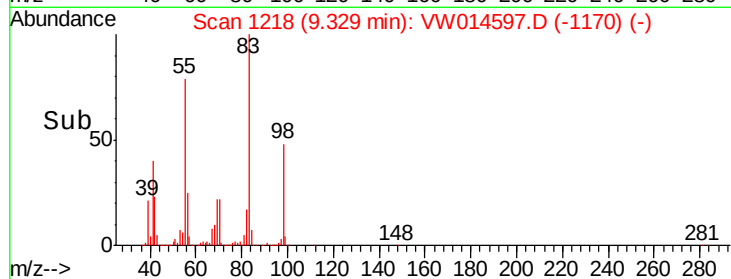
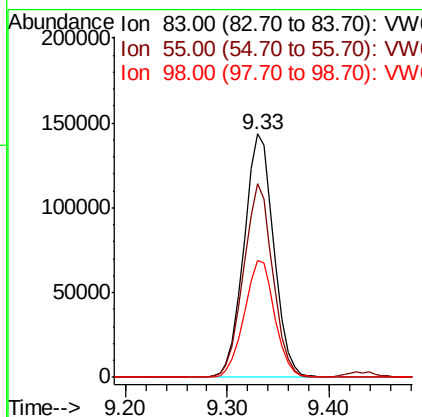
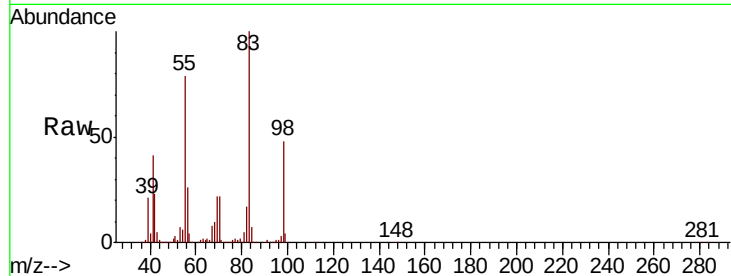
#39
Methylvlcyclohexane
Concen: 21.352 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	291811		
55	79.4	60.1	90.1	
98	48.0	38.8	58.2	

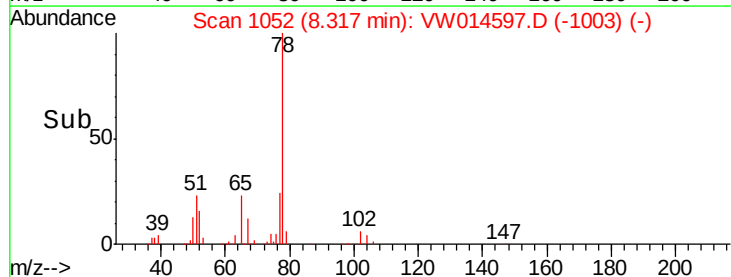
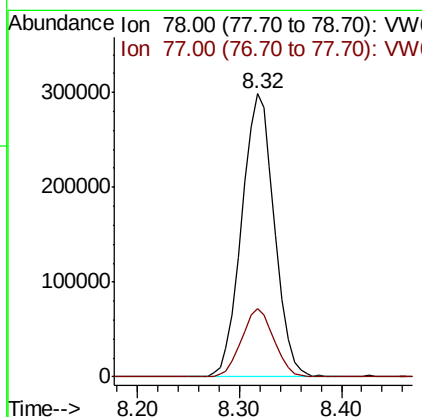
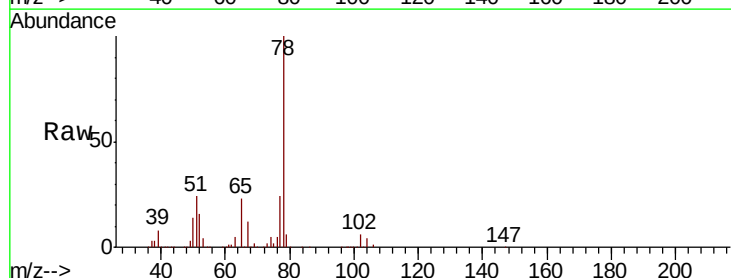
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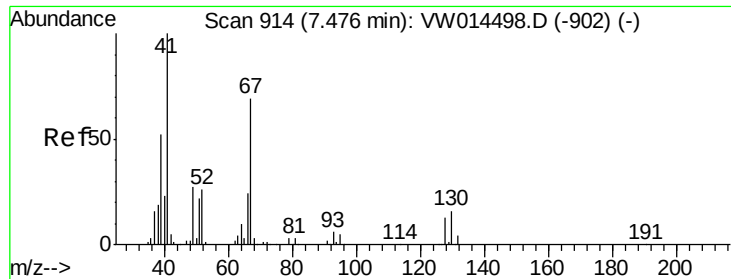
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#40
Benzene
Concen: 22.029 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	663760		
77	24.1	19.3	28.9	





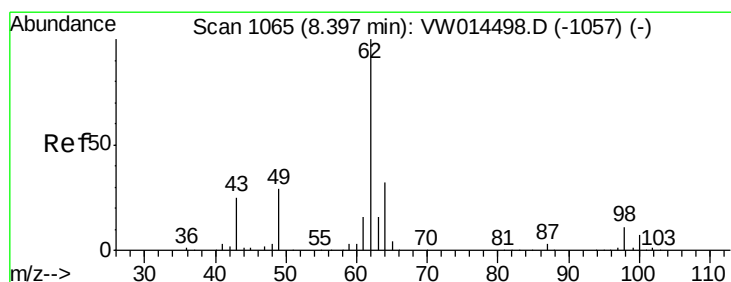
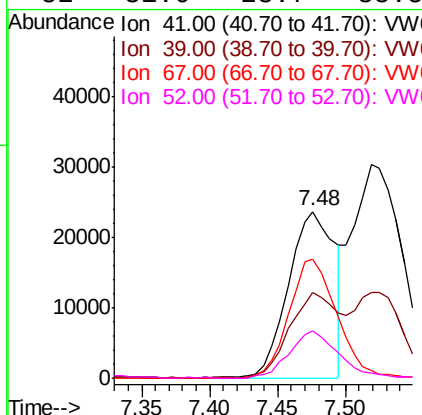
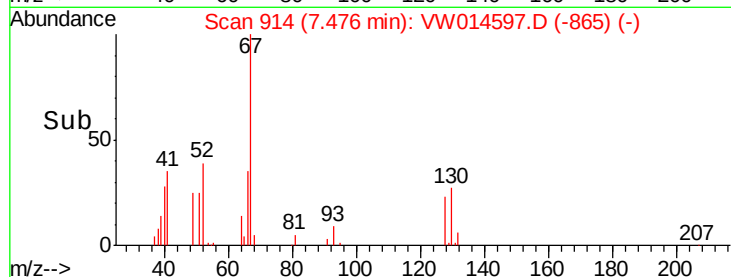
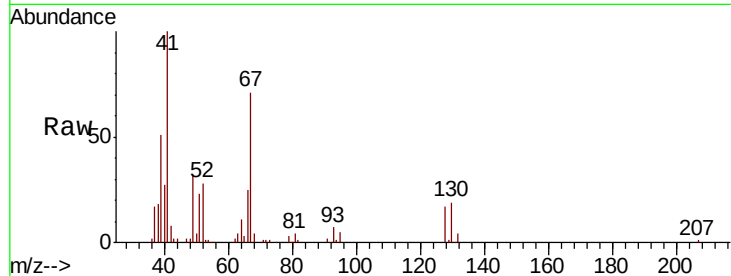
#41
Methacrylonitrile
Concen: 20.881 ug/l
RT: 7.48 min Scan# 914
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		56219		
39	55.6	46.0	69.0		
67	74.0	60.8	91.2		
52	31.0	23.7	35.5		

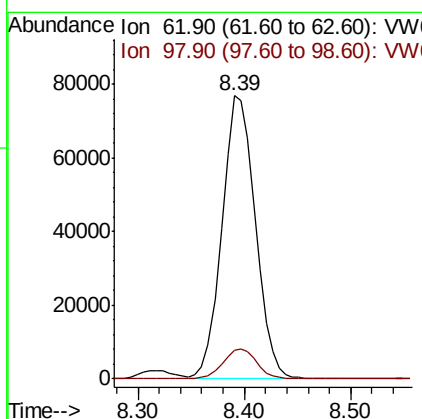
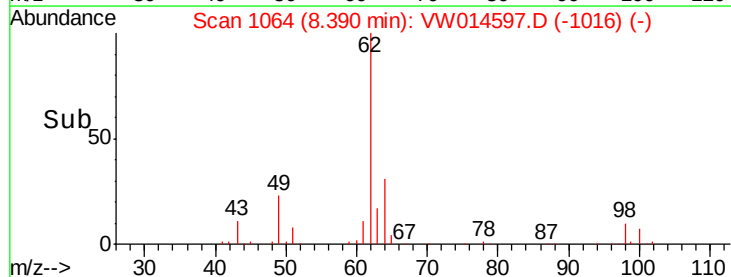
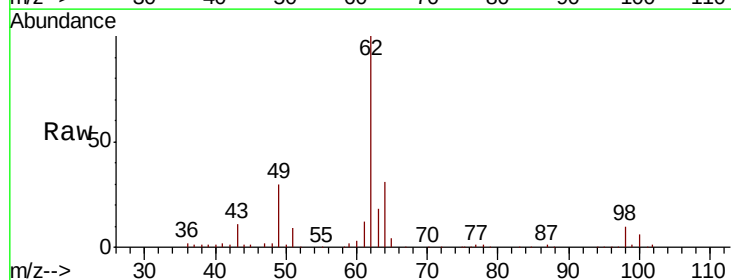
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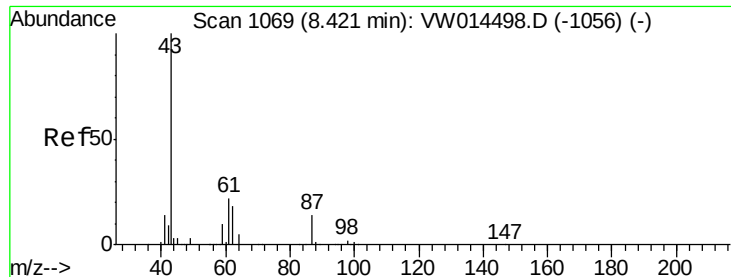
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#42
1,2-Dichloroethane
Concen: 21.564 ug/l
RT: 8.39 min Scan# 1064
Delta R.T. -0.01 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		168610		
98	10.6	0.0	22.0		





#43

Isopropyl Acetate

Concen: 20.015 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Instrument :

MSVOA_W

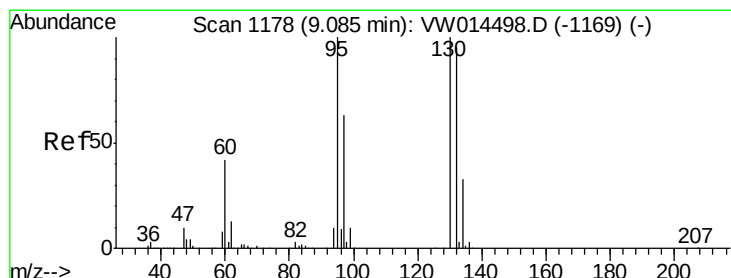
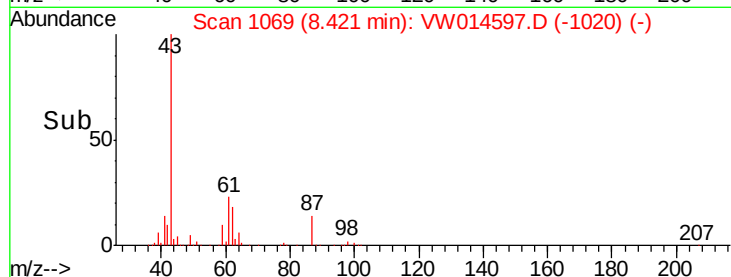
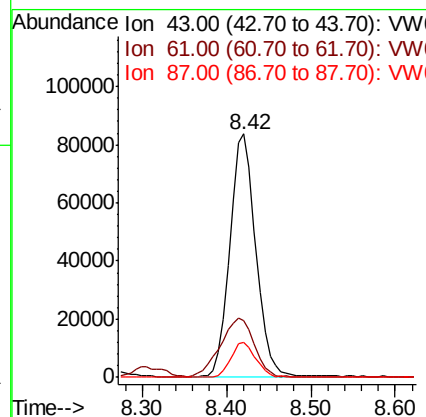
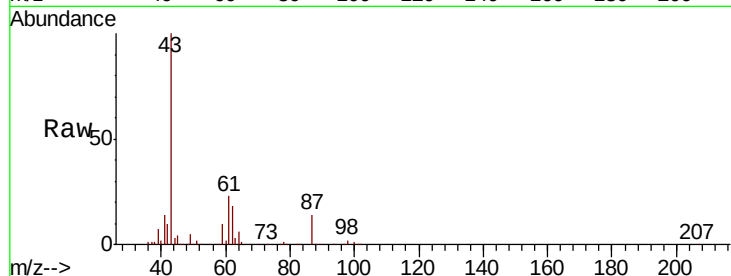
ClientSampleId :

VW0110SBS01

Tot Ion:	43	Resp:	175537
Ion	Ratio	Lower	Upper
43	100		
61	32.3	24.7	37.1
87	14.0	11.1	16.7

Manual Integrations
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#44

Trichloroethene

Concen: 21.865 ug/l

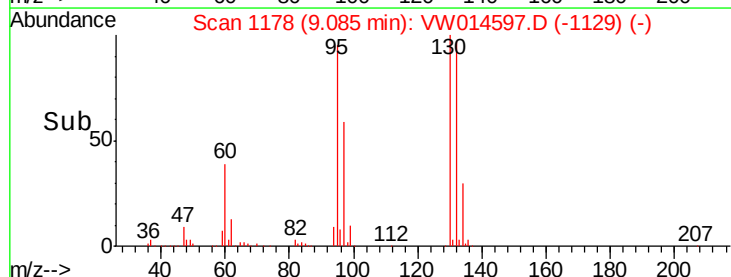
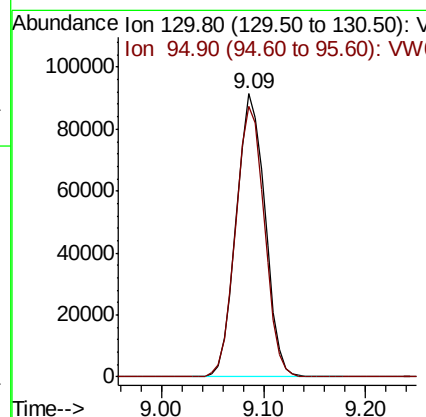
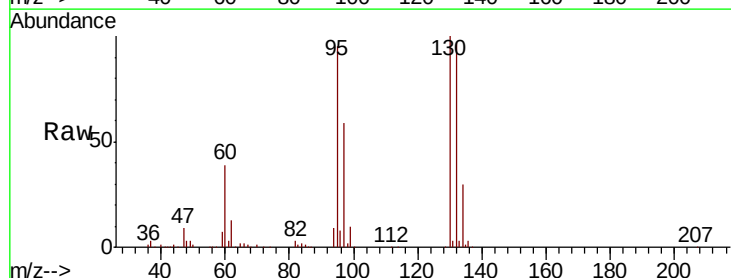
RT: 9.09 min Scan# 1178

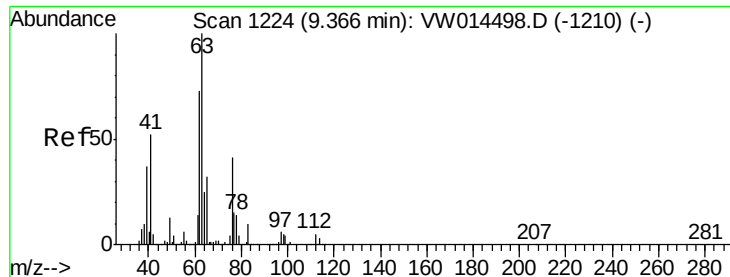
Delta R.T. 0.00 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Tgt Ion:	130	Resp:	178269
Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	199.4





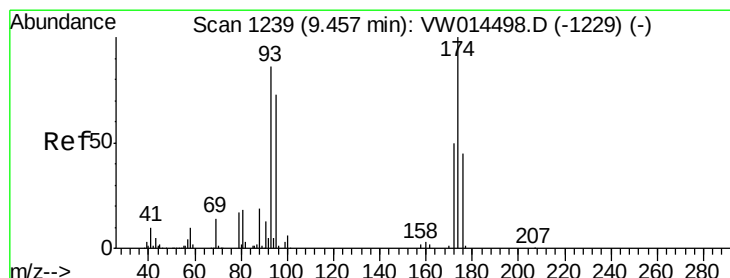
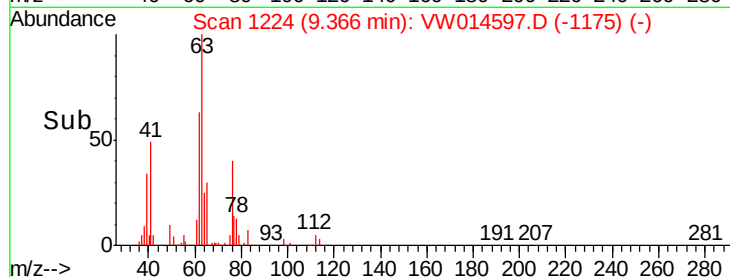
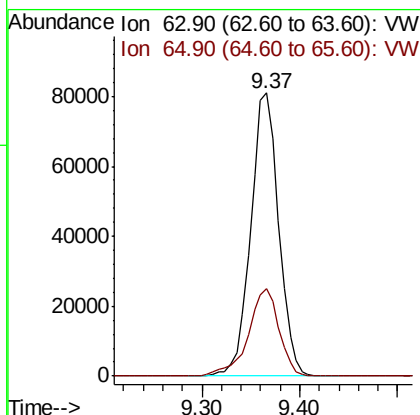
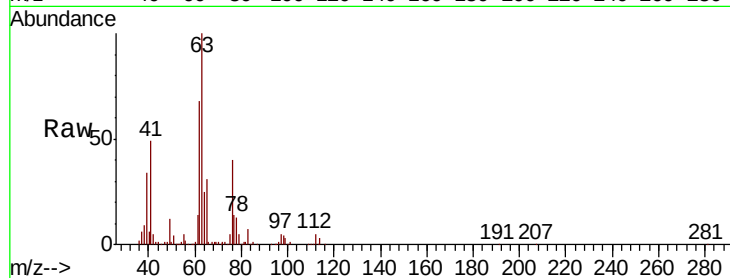
#45
1,2-Dichloropropane
Concen: 21.726 ug/l
RT: 9.37 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	25.6	38.4

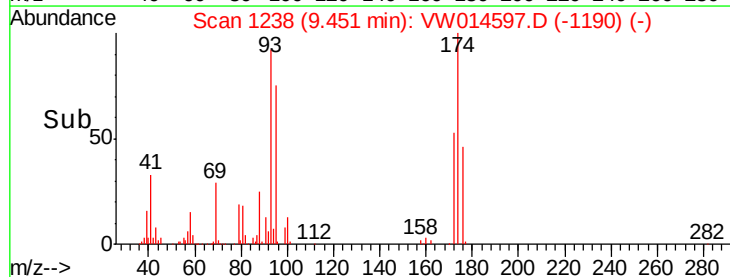
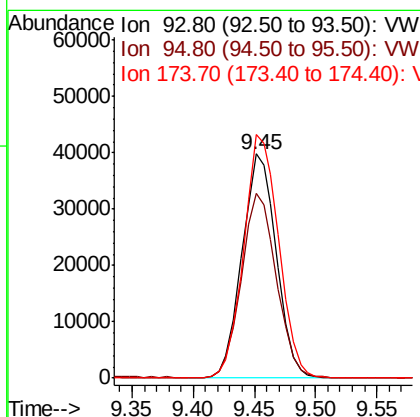
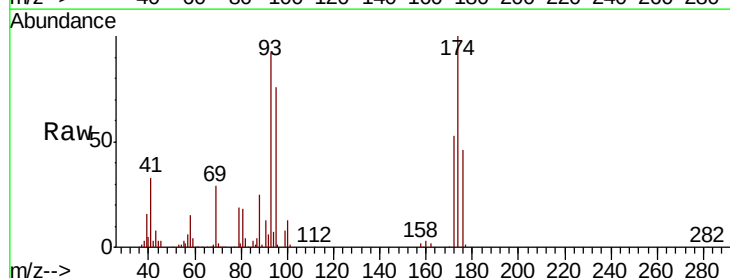
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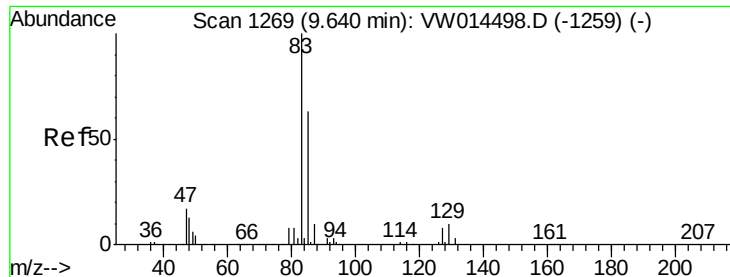
MMDadoda
1/13/2020 12:01:34 PM



#46
Dibromomethane
Concen: 21.229 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	66.4	99.6
174	110.8	89.1	133.7





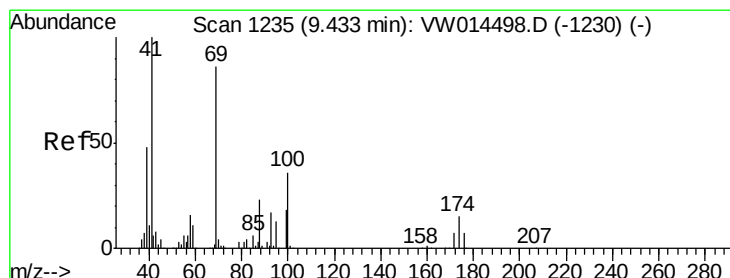
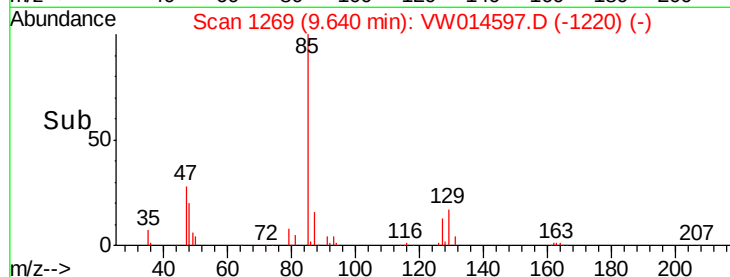
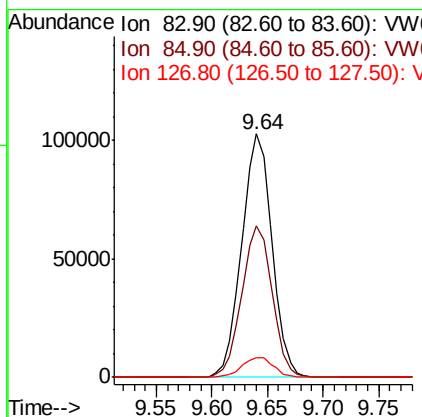
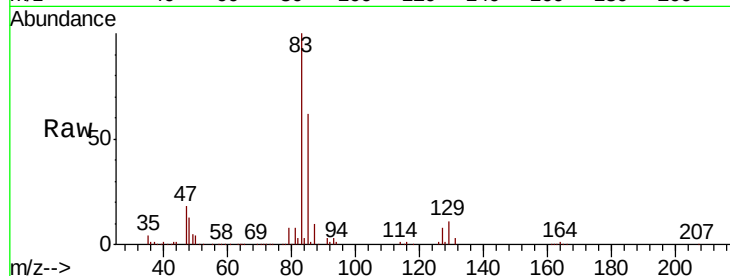
#47
Bromodichloromethane
Concen: 21.487 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Instrument :
MSVOA_W
ClientSampled :
VW0110SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	193632		
85	62.3	50.6	76.0	
127	8.3	6.6	9.8	

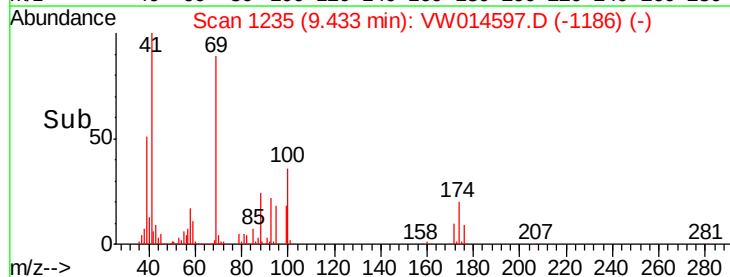
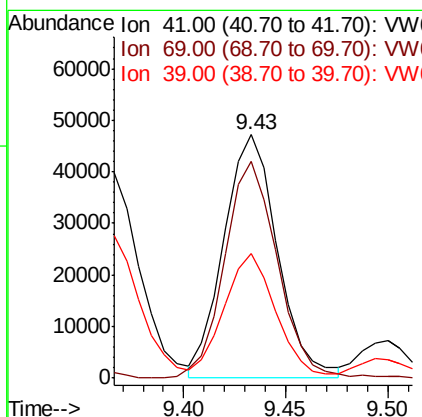
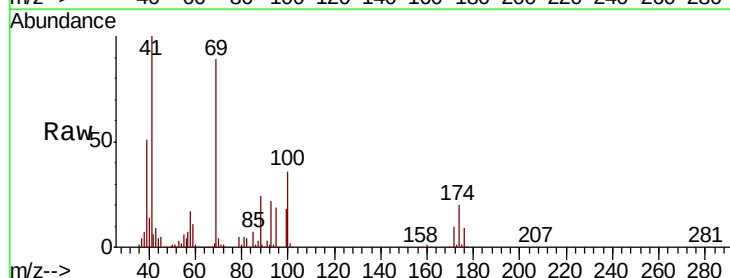
Manual Integrations
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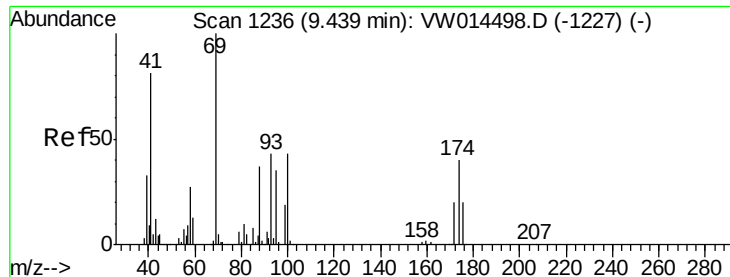
MMDadoda
1/13/2020 12:01:34 PM



#48
Methyl methacrylate
Concen: 20.053 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	85869		
69	88.1	68.3	102.5	
39	46.0	36.8	55.2	





#49

1,4-Dioxane

Concen: 428.258 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Instrument :

MSVOA_W

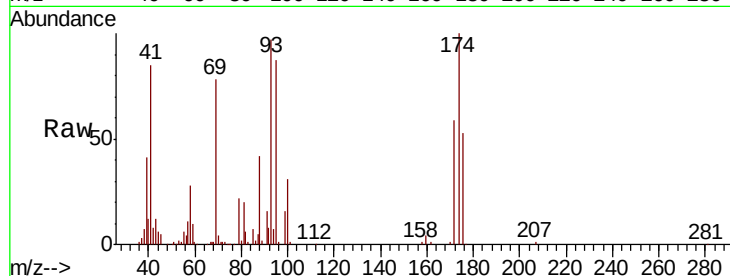
ClientSampleId :

VW0110SBS01

Tot Ion:	88	Resp:	29237
Ion	Ratio	Lower	Upper
88	100		
43	29.0	24.9	37.3
58	67.1	56.9	85.3

Manual Integrations
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1/13/2020 12:01:34 PM

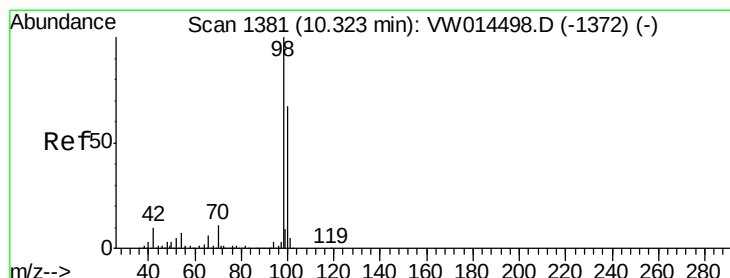
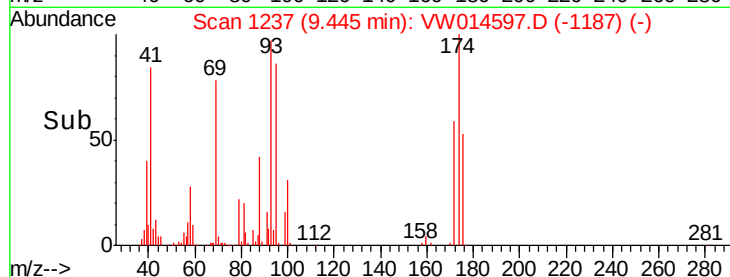
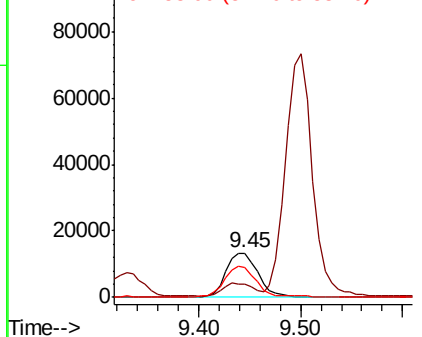


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 48.673 ug/l

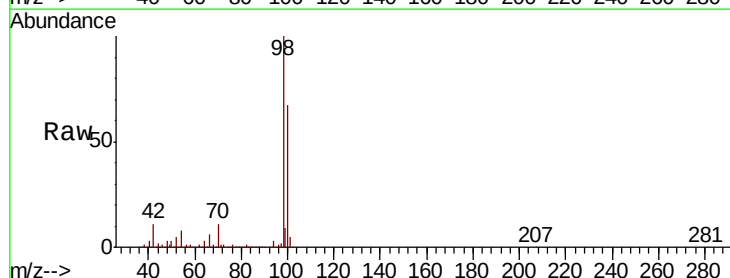
RT: 10.32 min Scan# 1380

Delta R.T. -0.01 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

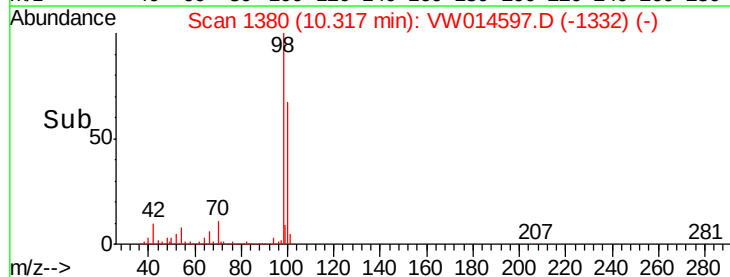
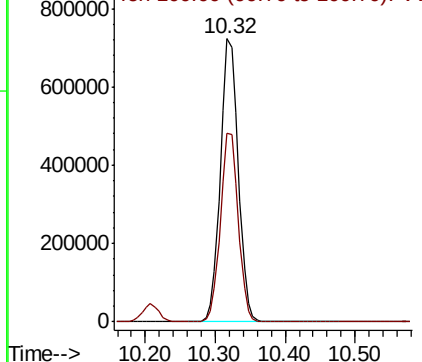
Tgt Ion:	98	Resp:	1282374
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.8	80.6

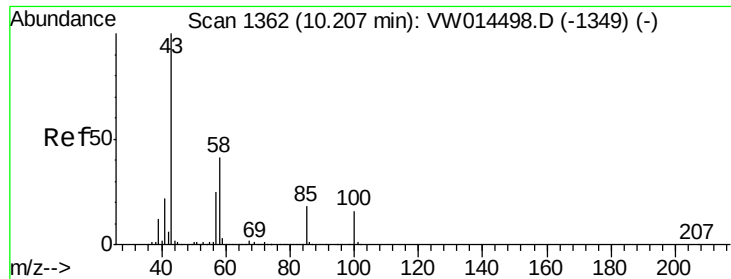


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 101.822 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Instrument :

MSVOA_W

ClientSampled :

VW0110SBS01

Tot Ion: 43 Resp: 463747

Ion Ratio Lower Upper

43 100

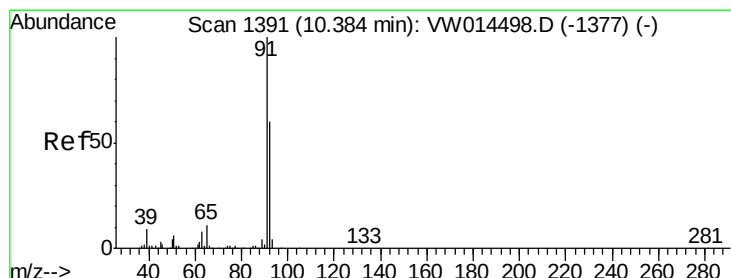
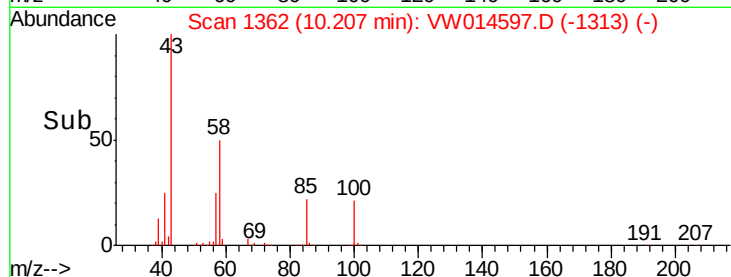
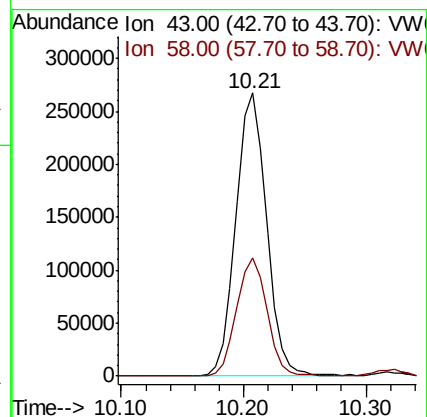
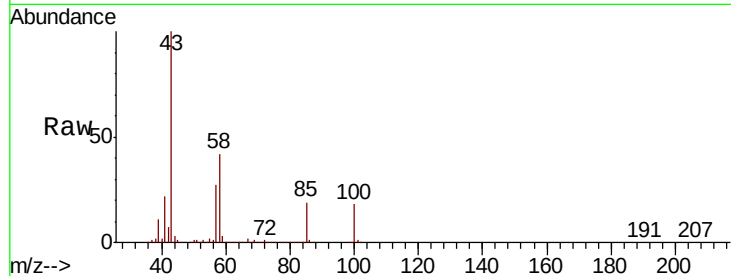
58 41.6 32.7 49.1

Manual Integrations

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#52

Toluene

Concen: 21.843 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014597.D

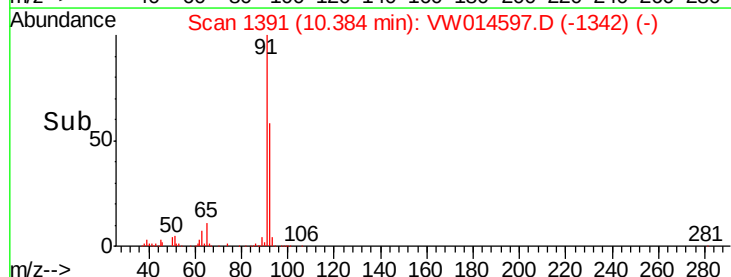
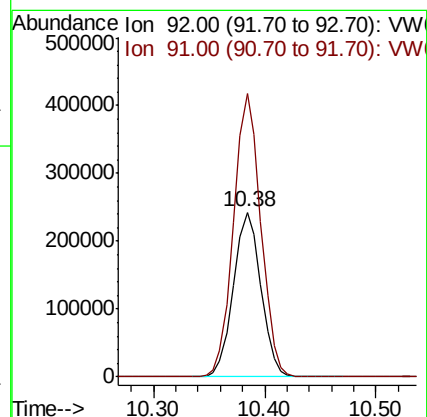
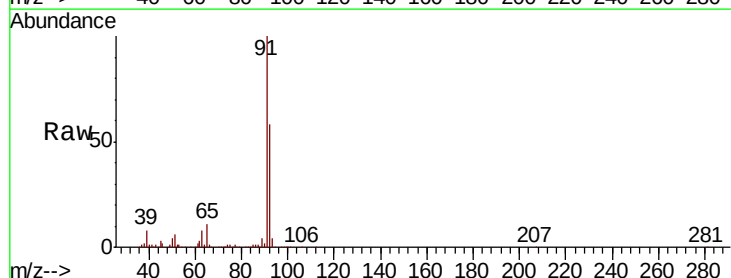
Acq: 10 Jan 2020 14:14

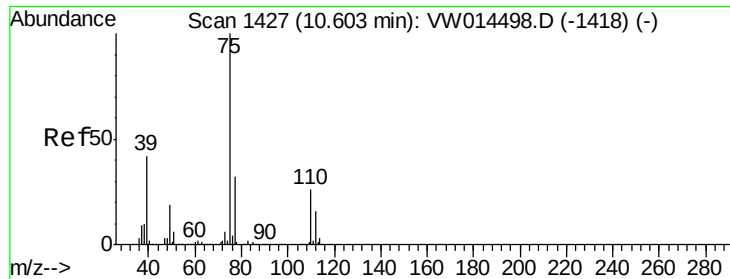
Tgt Ion: 92 Resp: 414051

Ion Ratio Lower Upper

92 100

91 170.9 134.1 201.1





#53

t-1,3-Dichloropropene

Concen: 20.718 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS01

Tot Ion: 75 Resp: 193308

Ion Ratio Lower Upper

75 100

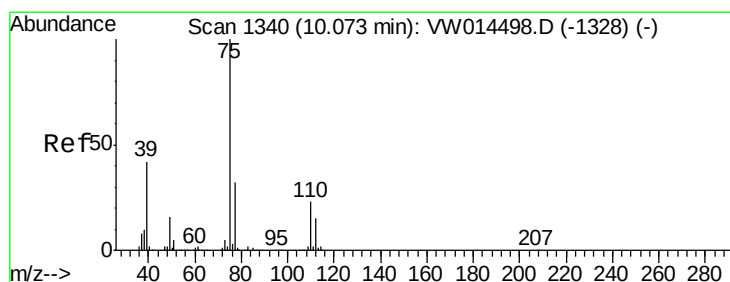
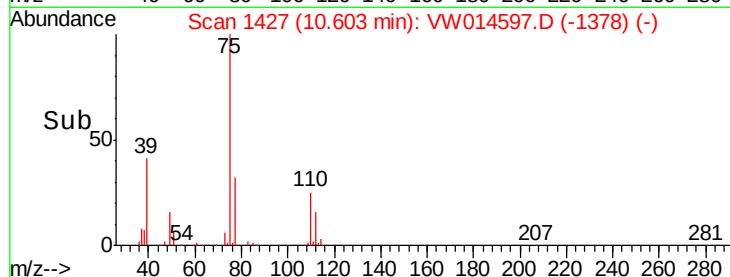
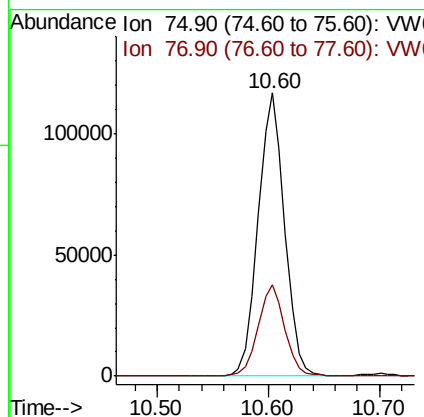
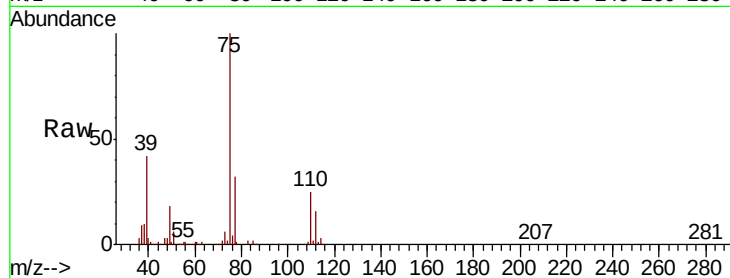
77 32.1 25.4 38.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.938 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

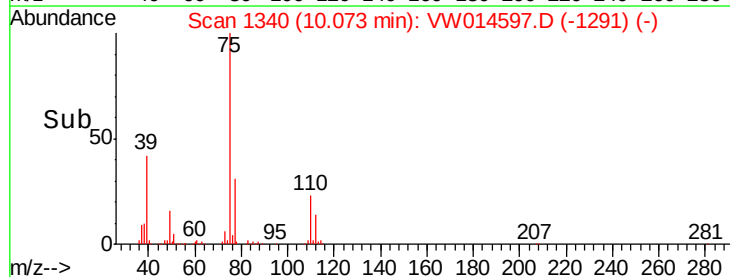
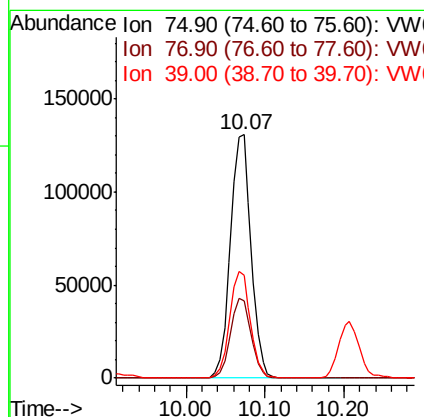
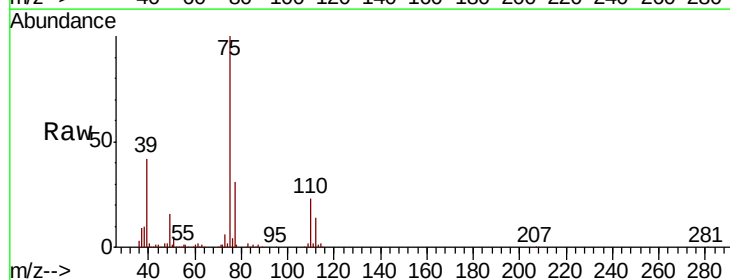
Tgt Ion: 75 Resp: 238763

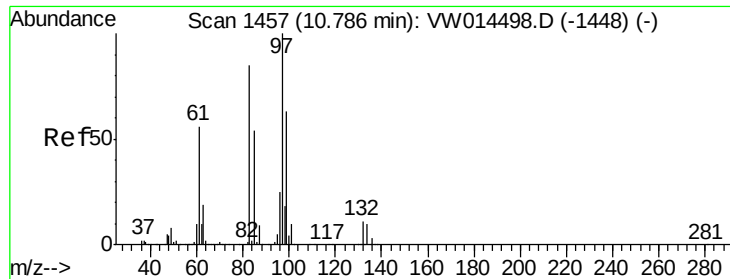
Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

39 42.1 33.4 50.2





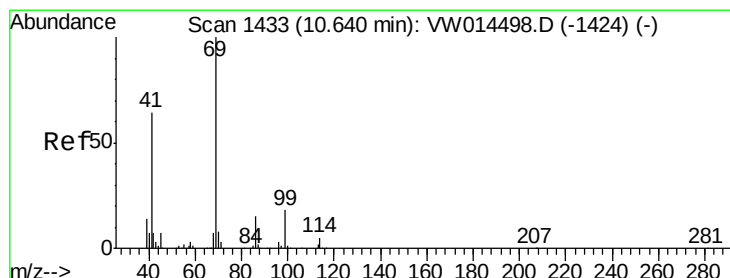
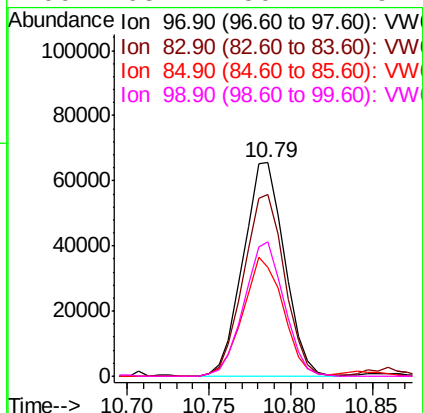
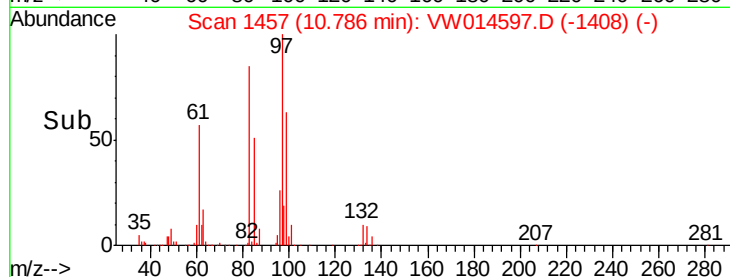
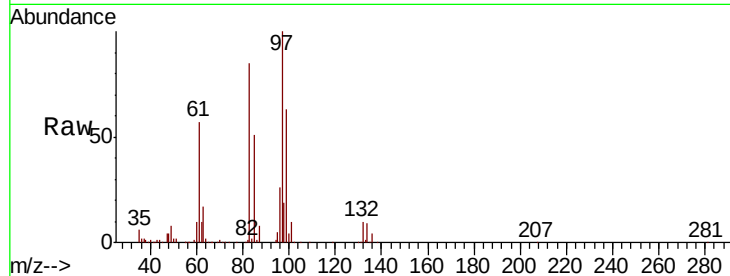
#55
 1,1,2-Trichloroethane
 Concen: 21.853 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW014597.D
 Acq: 10 Jan 2020 14:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		116498		
83	85.1	68.2	102.4		
85	51.2	43.0	64.4		
99	63.2	50.1	75.1		

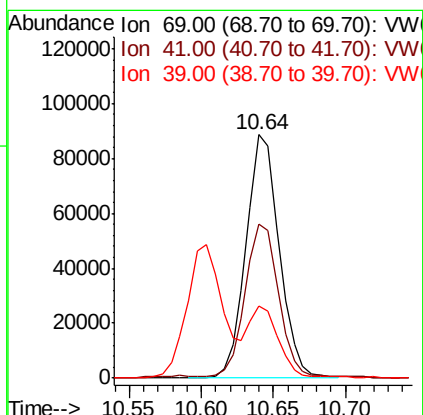
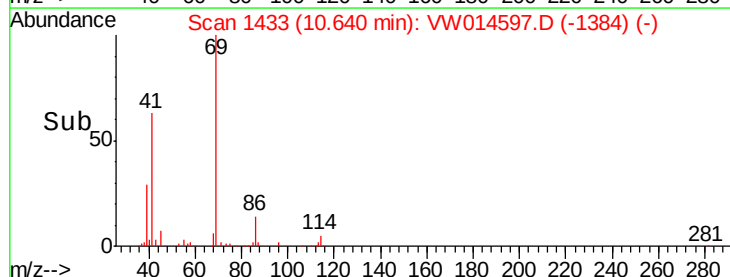
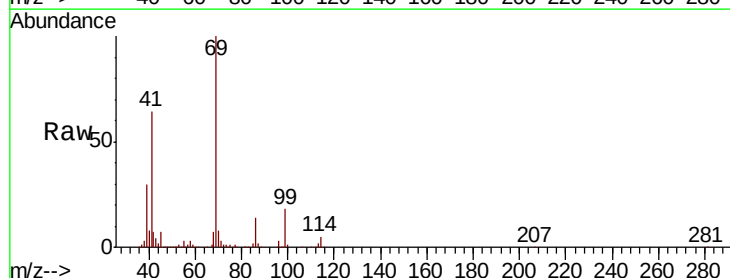
Manual Integrations
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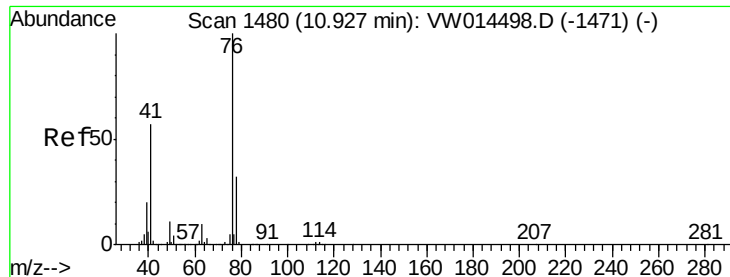
MMDadoda
 1/13/2020 12:01:34 PM



#56
 Ethyl methacrylate
 Concen: 20.445 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VW014597.D
 Acq: 10 Jan 2020 14:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		141646		
41	63.3	51.3	76.9		
39	26.4	21.0	31.6		





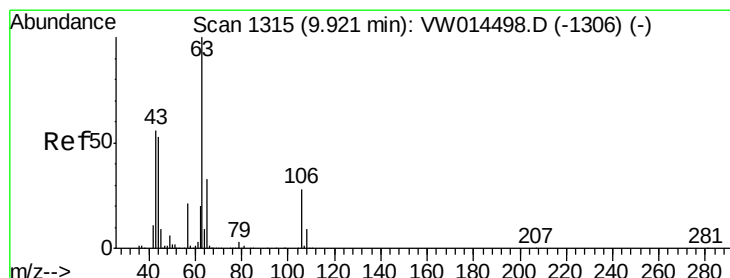
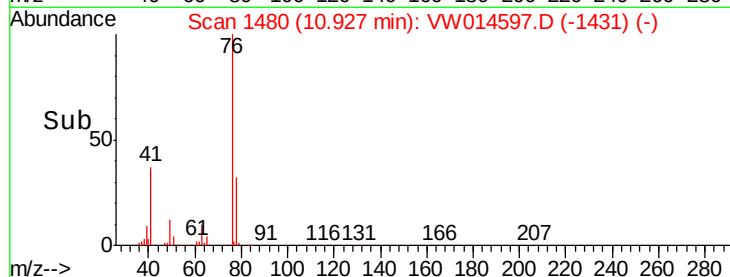
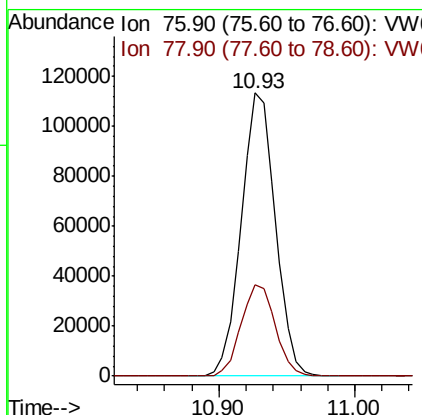
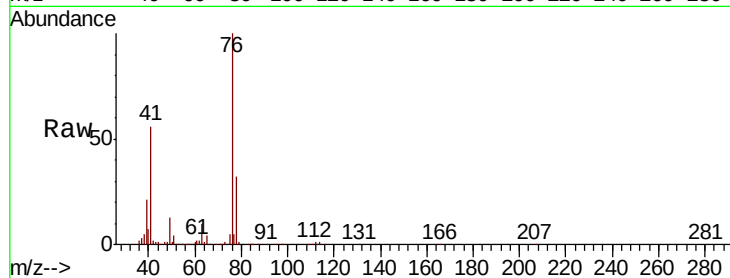
#57
 1,3-Dichloropropane
 Concen: 21.218 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW014597.D
 Acq: 10 Jan 2020 14:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.9	38.9

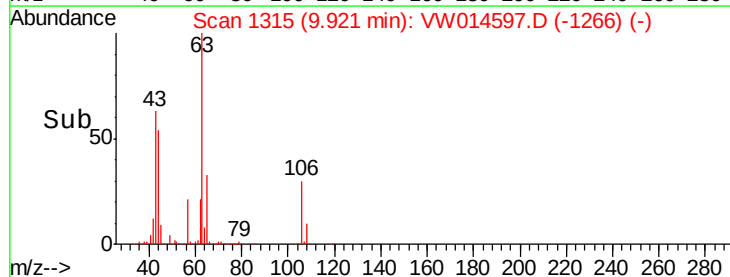
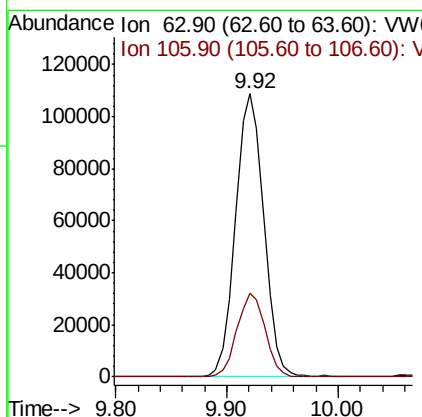
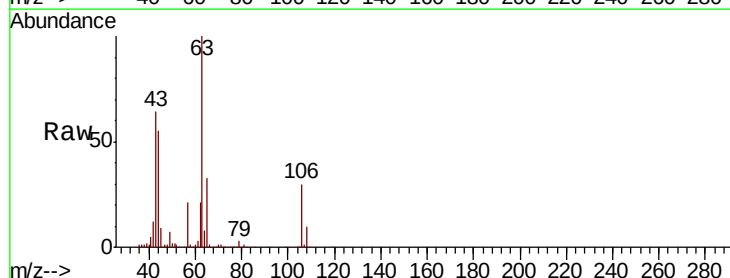
Manual Integrations
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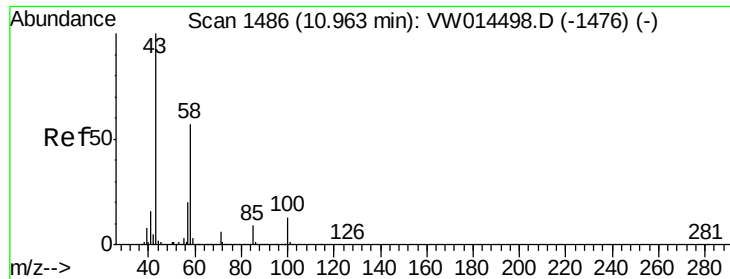
MMDadoda
 1/13/2020 12:01:34 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.619 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW014597.D
 Acq: 10 Jan 2020 14:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	23.0	34.6





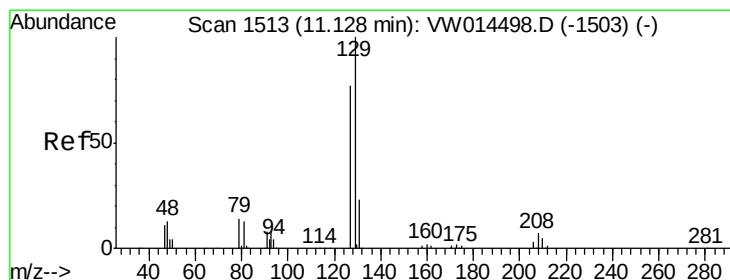
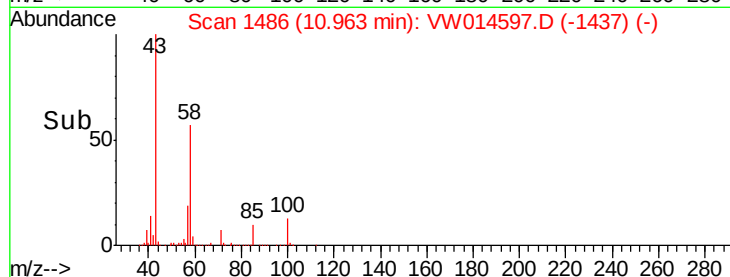
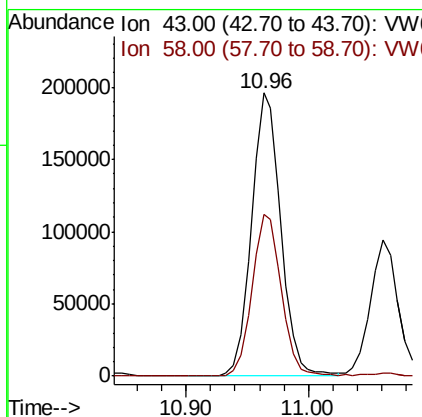
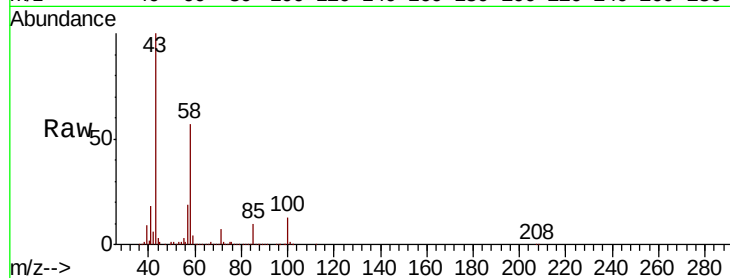
#59
2-Hexanone
Concen: 104.002 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

Tot Ion: 43 Resp: 326407
Ion Ratio Lower Upper
43 100
58 57.3 28.7 86.3

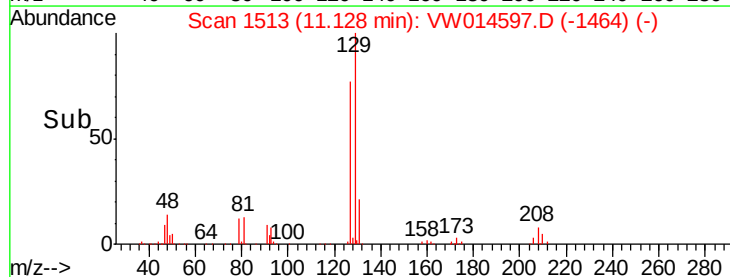
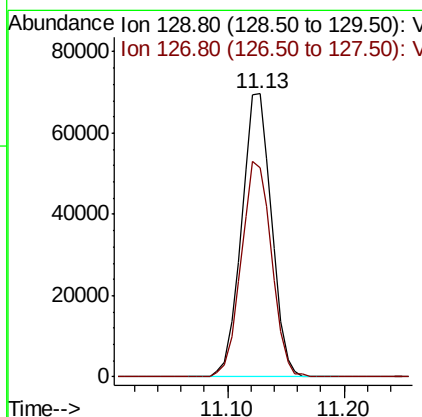
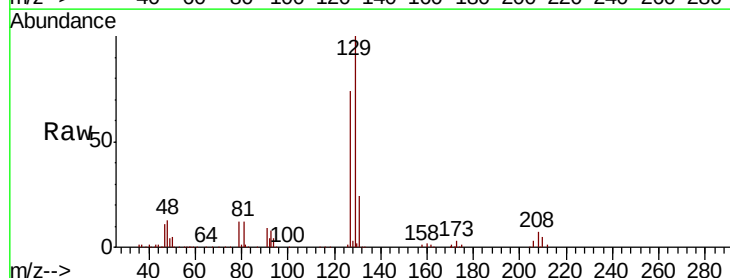
Manual Integrations
APPROVED

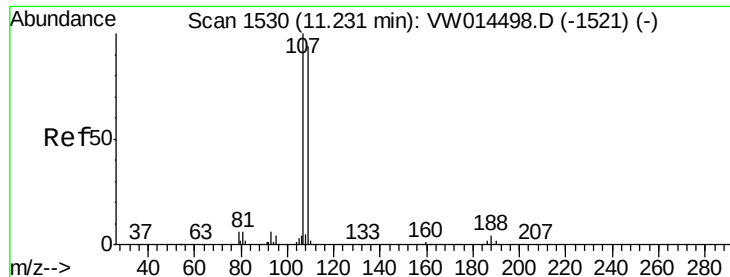
MMDadoda
1/13/2020 12:01:34 PM



#60
Dibromochloromethane
Concen: 20.838 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tgt Ion: 129 Resp: 125340
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.5





#61

1,2-Dibromoethane

Concen: 20.740 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS01

Tot Ion: 107 Resp: 104949

Ion Ratio Lower Upper

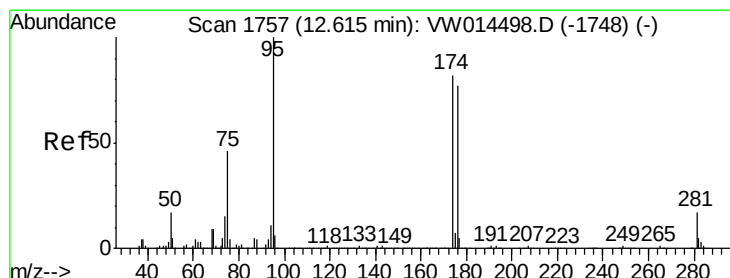
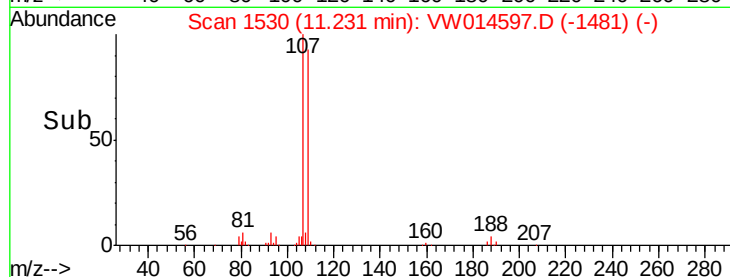
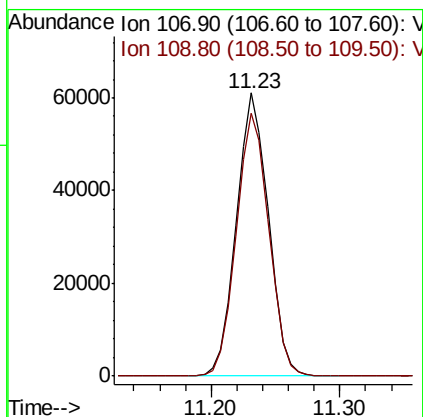
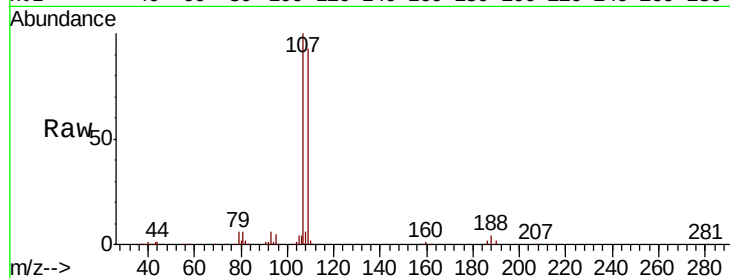
107 100

109 94.7 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 48.387 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

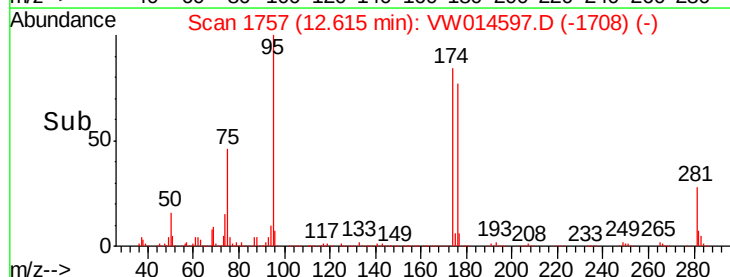
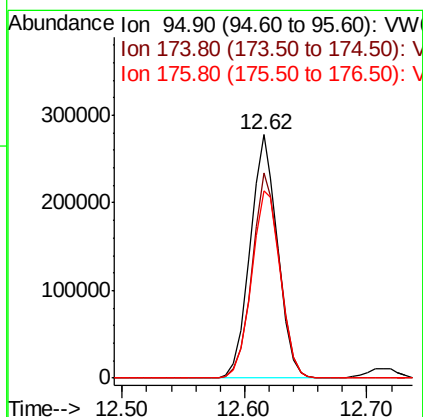
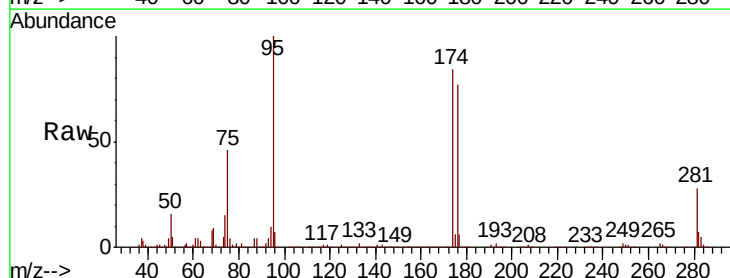
Tgt Ion: 95 Resp: 432410

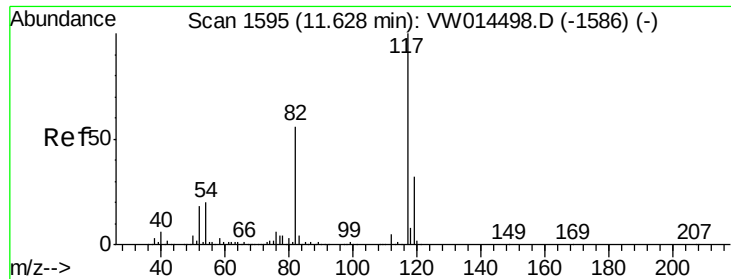
Ion Ratio Lower Upper

95 100

174 84.7 0.0 168.6

176 81.2 0.0 162.0





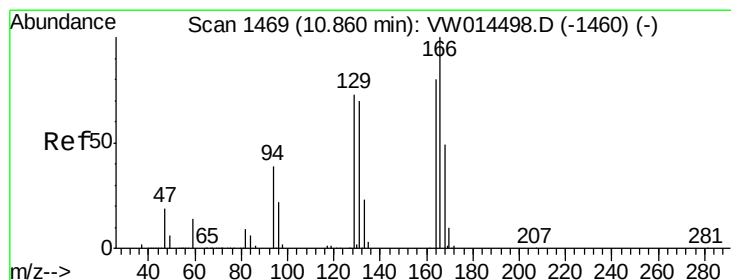
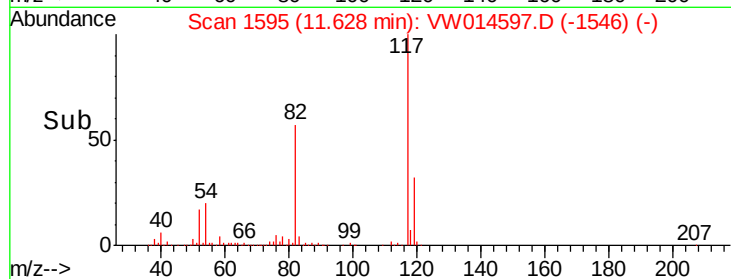
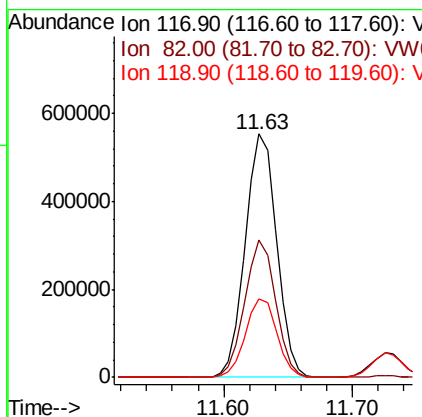
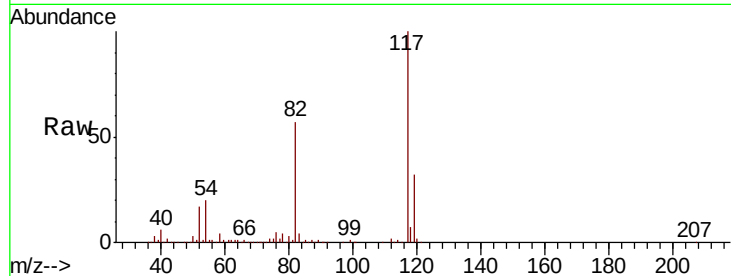
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.6	67.0
119	32.5	25.7	38.5

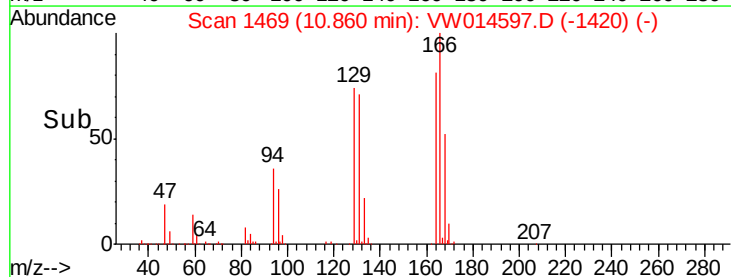
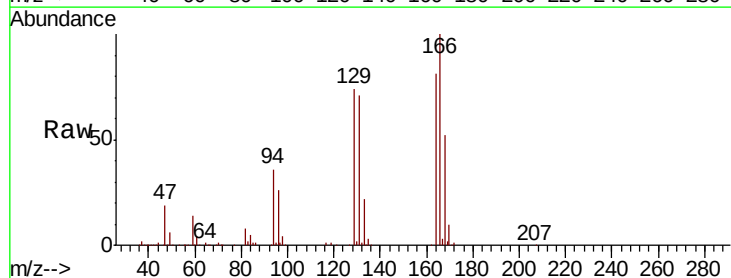
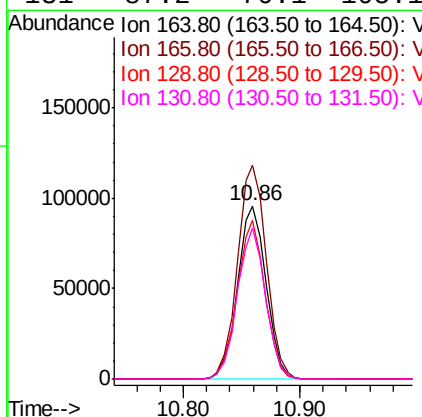
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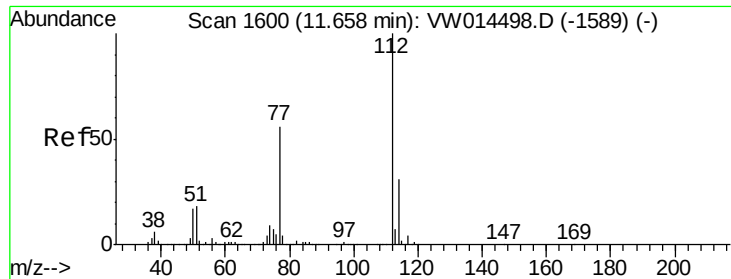
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#64
Tetrachloroethene
Concen: 24.209 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.5	99.8	149.6
129	91.7	72.4	108.6
131	87.2	70.1	105.1





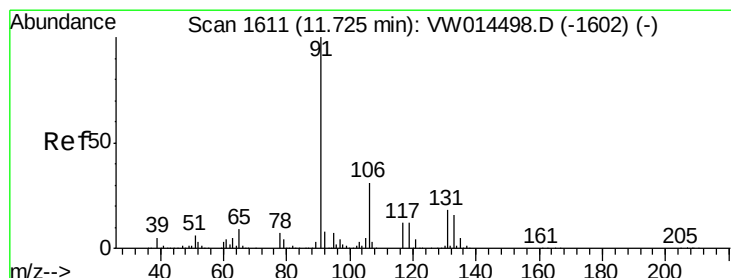
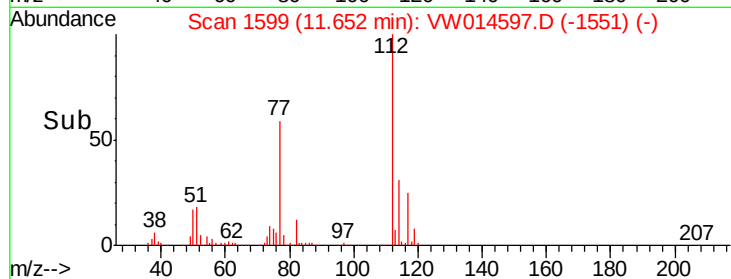
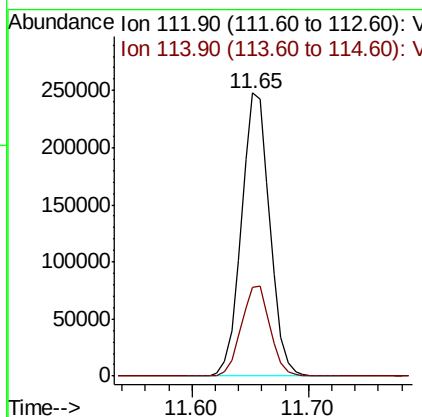
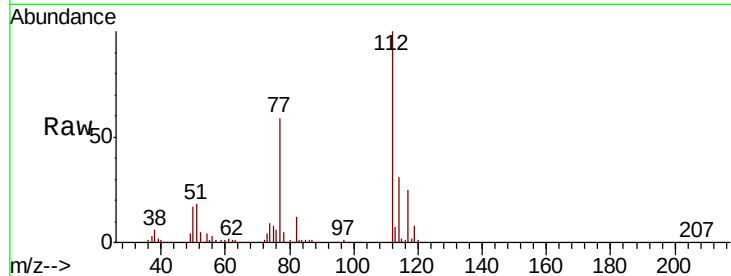
#65
Chlorobenzene
Concen: 22.011 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	24.6	37.0

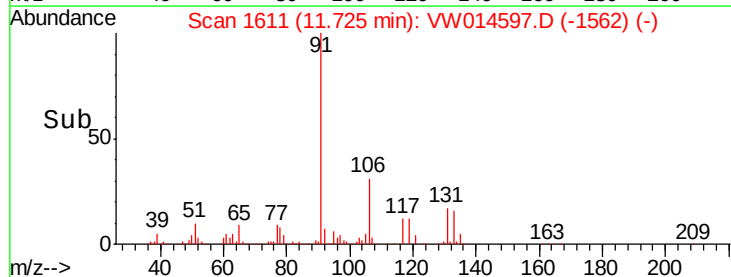
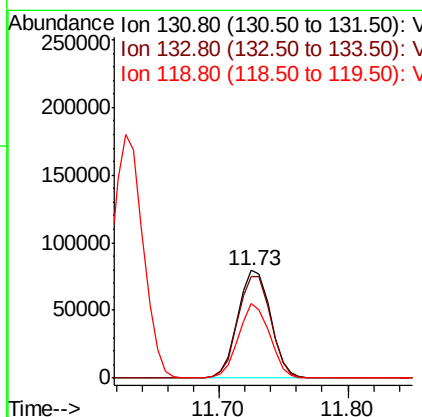
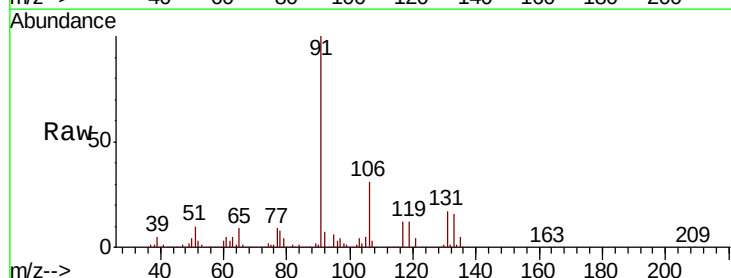
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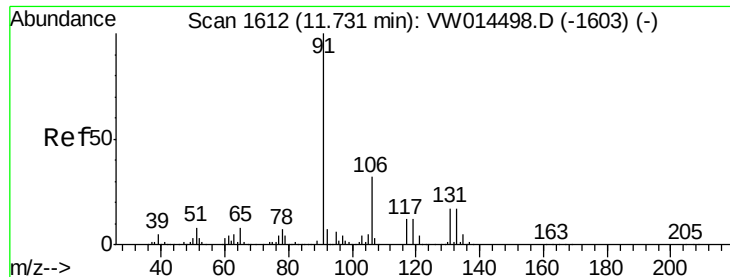
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.831 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.3	142.0
119	66.2	33.1	99.3





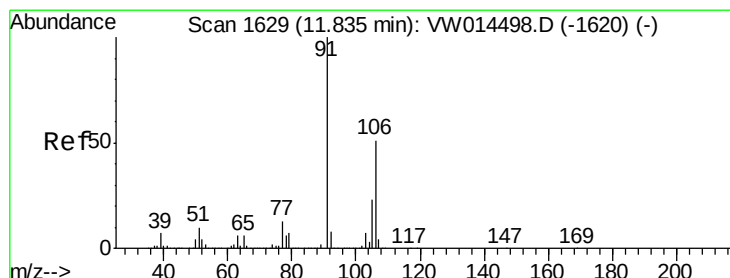
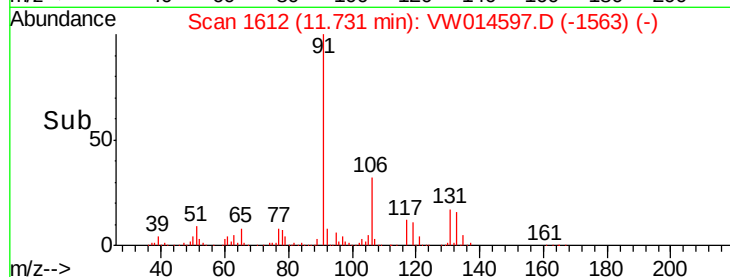
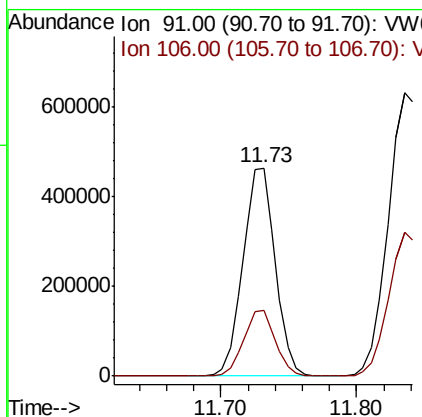
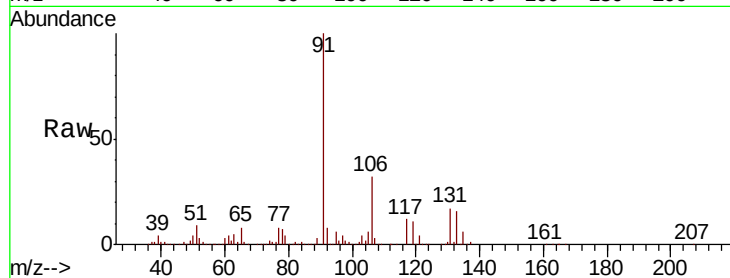
#67
Ethyl Benzene
Concen: 22.397 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

Tot Ion: 91 Resp: 769837
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3

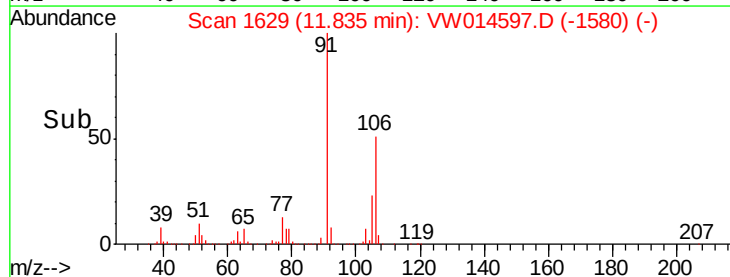
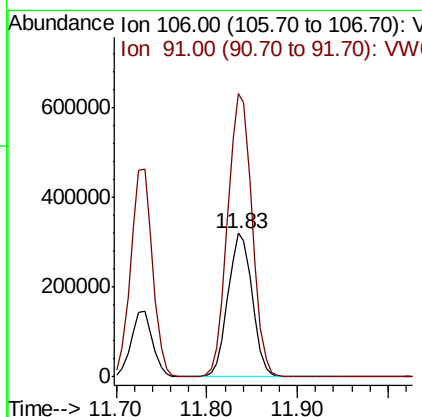
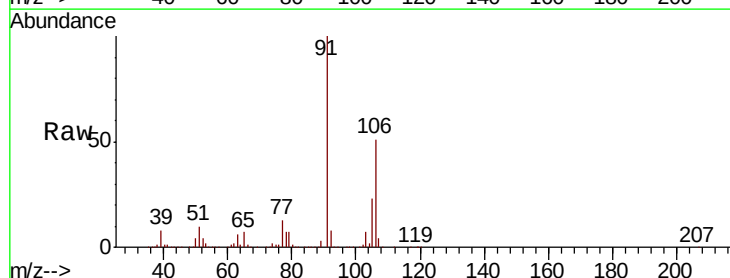
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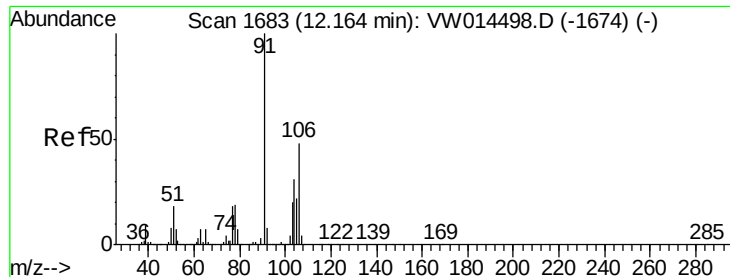
MMDadoda
1/13/2020 12:01:34 PM



#68
m/p-Xylenes
Concen: 45.079 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tgt Ion: 106 Resp: 593015
Ion Ratio Lower Upper
106 100
91 198.5 159.0 238.6





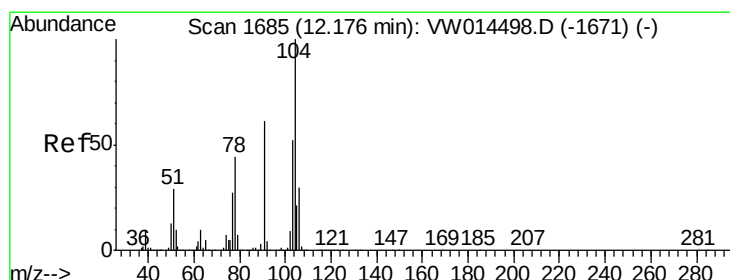
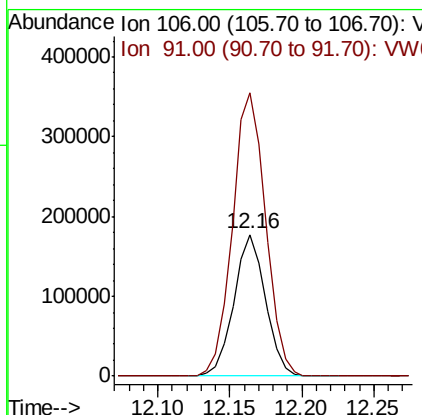
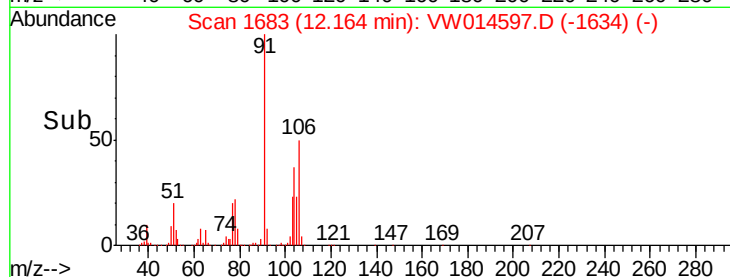
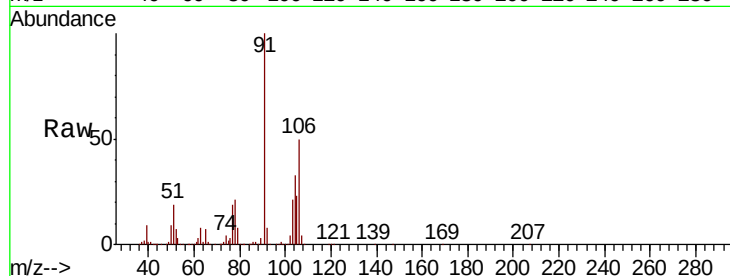
#69
o-Xylene
Concen: 22.229 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

Tot Ion	Ion	Ratio	Lower	Upper
270117	106	100		
	91	210.8	105.2	315.6

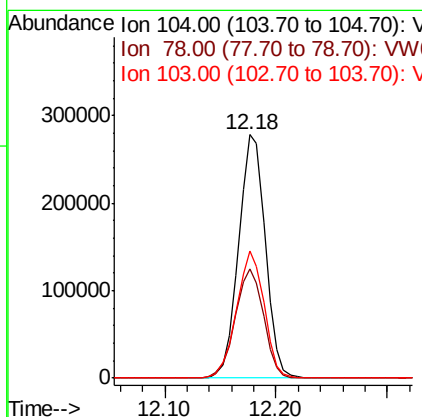
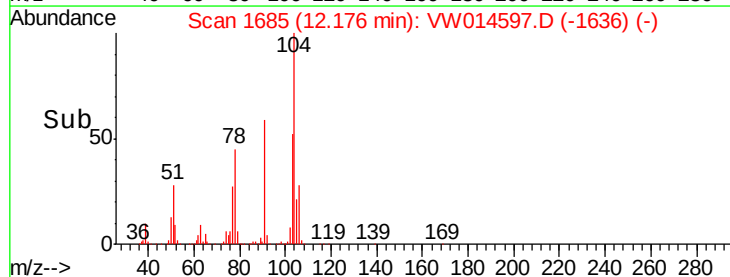
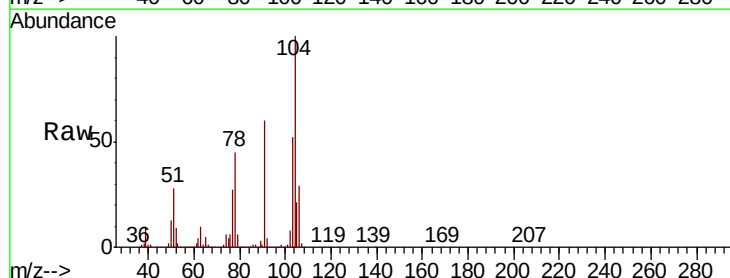
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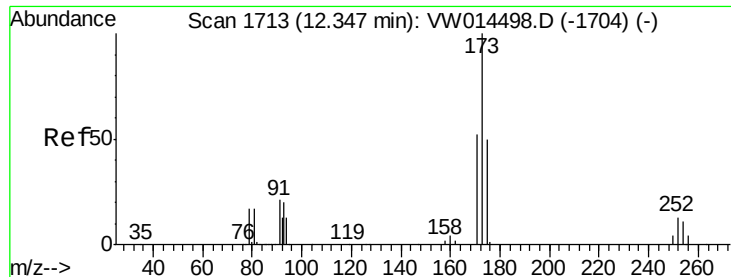
MMDadoda
1/13/2020 12:01:34 PM



#70
Styrene
Concen: 22.460 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tgt Ion	Ion	Ratio	Lower	Upper
461621	104	100		
	78	47.9	38.4	57.6
	103	54.3	43.7	65.5





#71

Bromoform

Concen: 20.890 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Instrument :

MSVOA_W

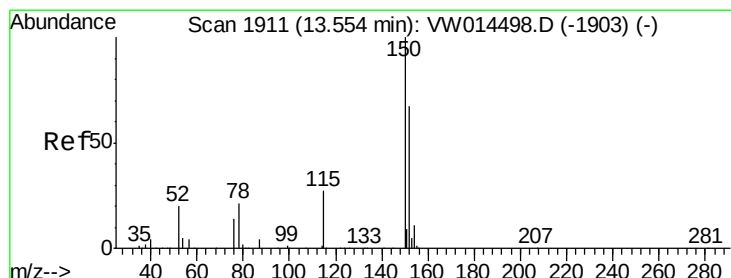
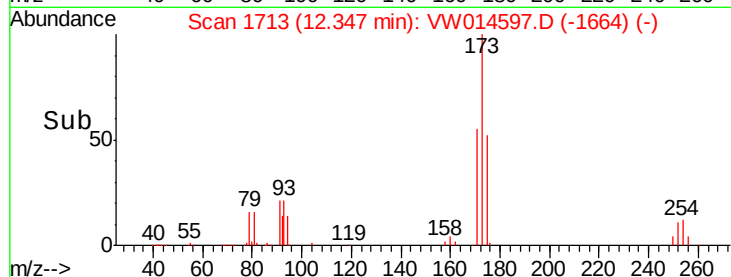
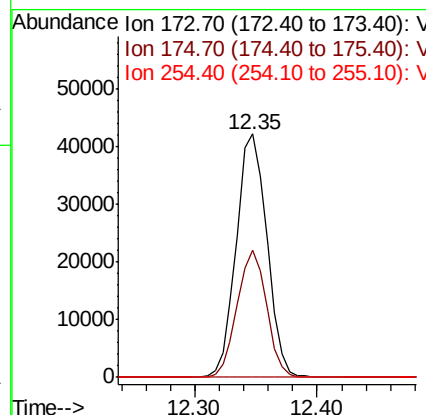
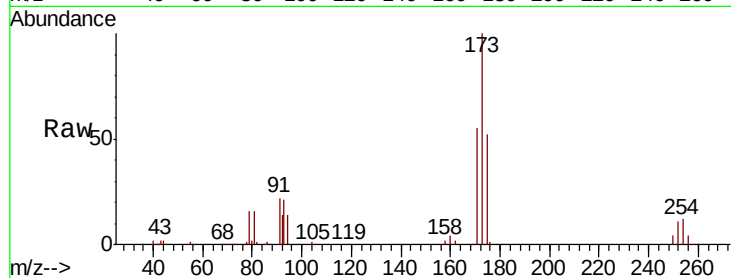
ClientSampleId :

VW0110SBS01

Tot Ion	Ion	Ratio	Lower	Upper
173	100			
175	50.3	24.5	73.5	
254	0.1	0.0	0.0	

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

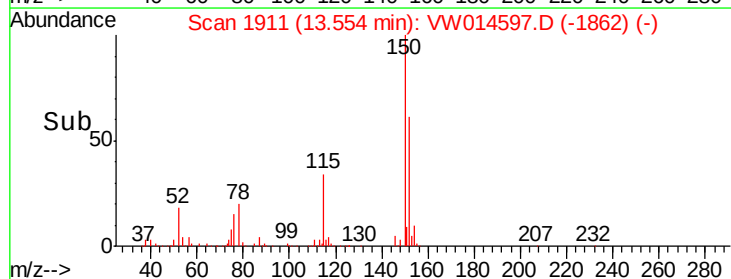
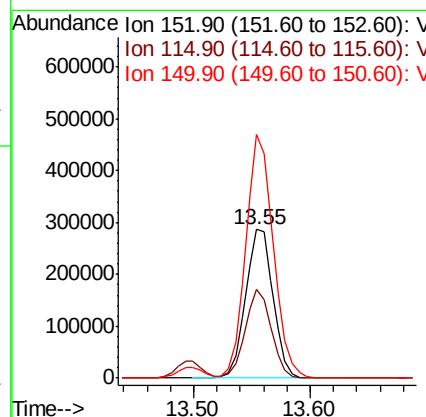
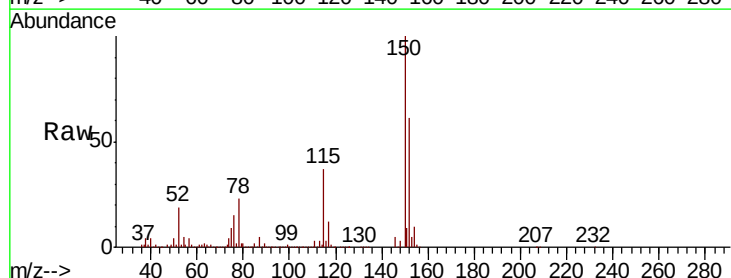
RT: 13.55 min Scan# 1911

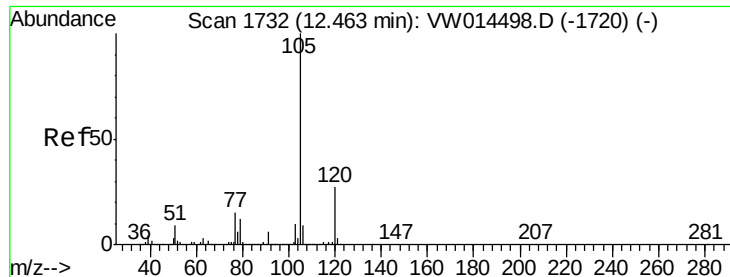
Delta R.T. 0.00 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Tgt Ion	Ion	Ratio	Lower	Upper
152	100			
115	56.4	27.7	83.1	
150	164.3	0.0	343.4	





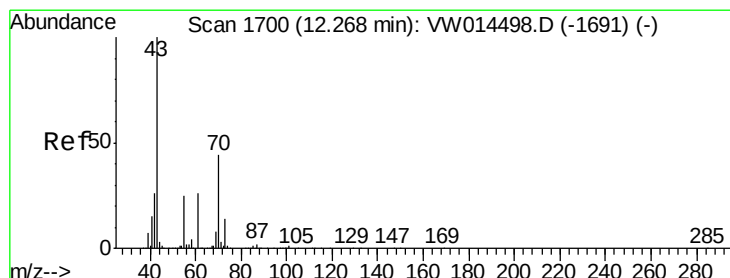
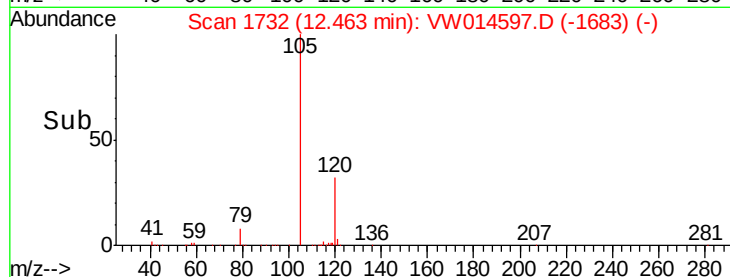
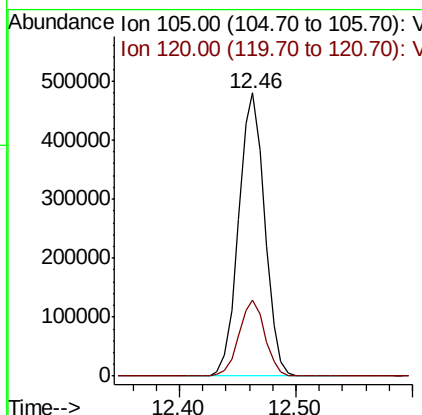
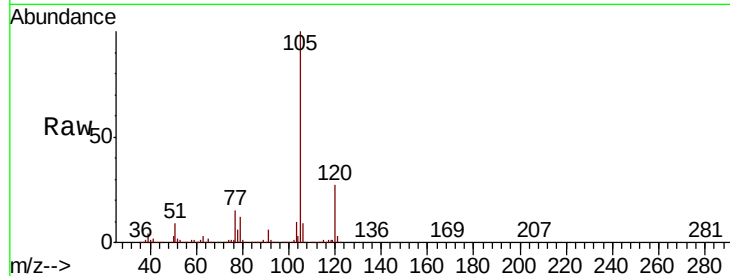
#73
Isopropylbenzene
Concen: 21.691 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Instrument :
MSVOA_W
ClientSampled :
VW0110SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.4	40.1

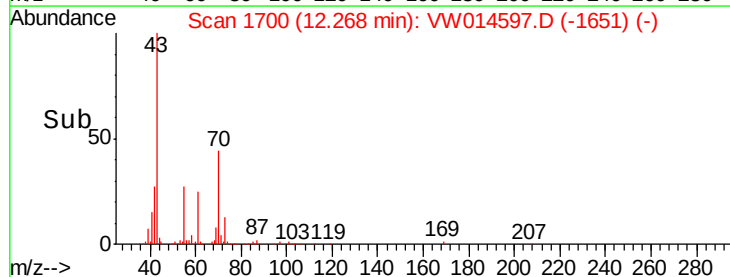
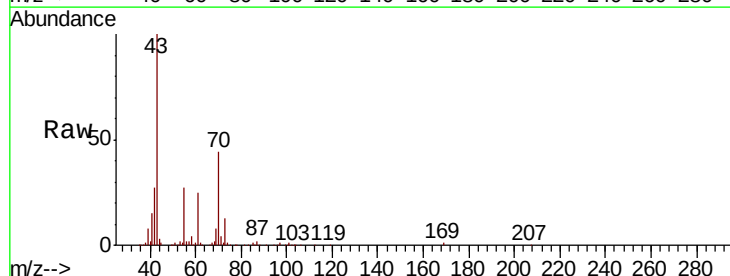
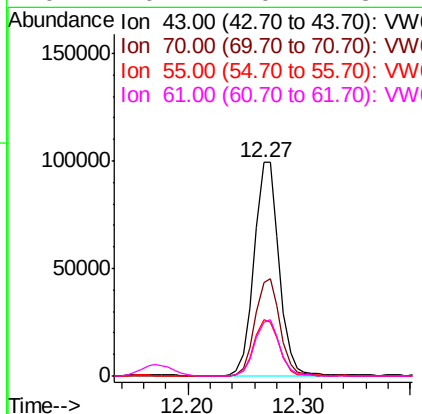
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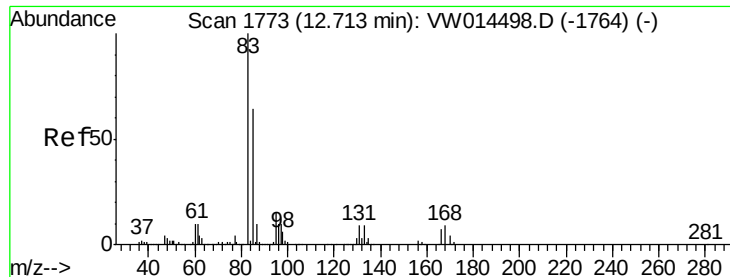
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1/13/2020 12:01:34 PM



#74
N-ethyl acetate
Concen: 20.012 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.1	36.5	54.7
55	27.0	20.9	31.3
61	26.2	20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.609 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Instrument :

MSVOA_W

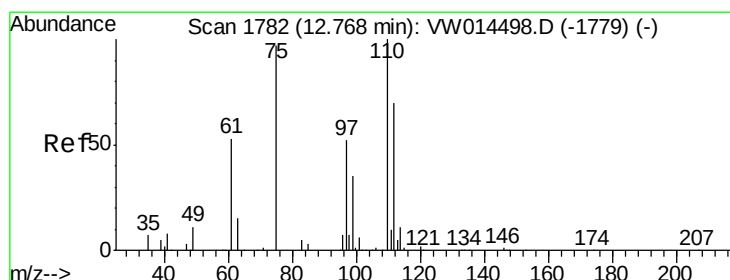
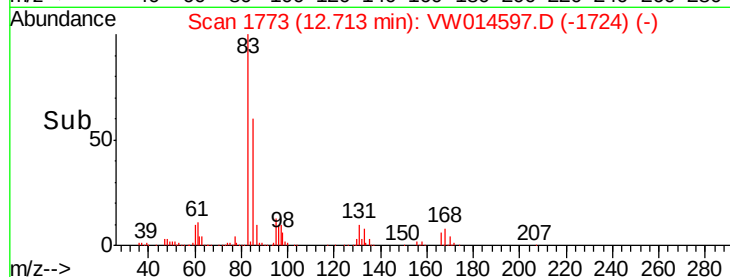
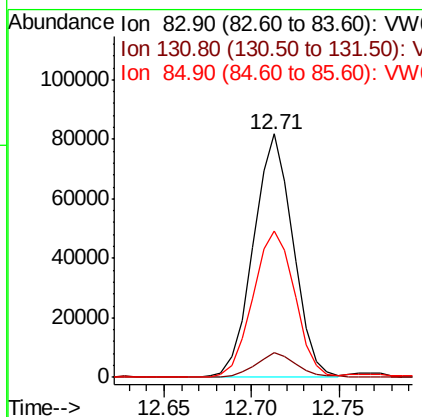
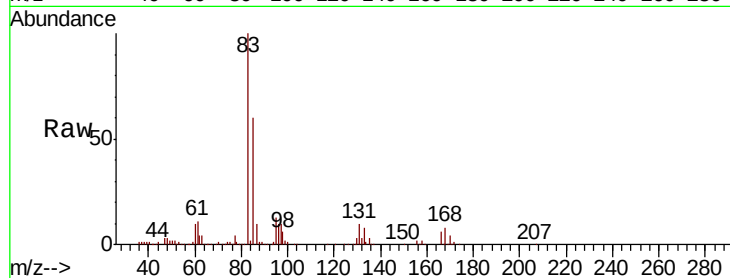
ClientSampled :

VW0110SBS01

Tot Ion:	83	Resp:	128742
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.4
85	63.3	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 22.208 ug/l m

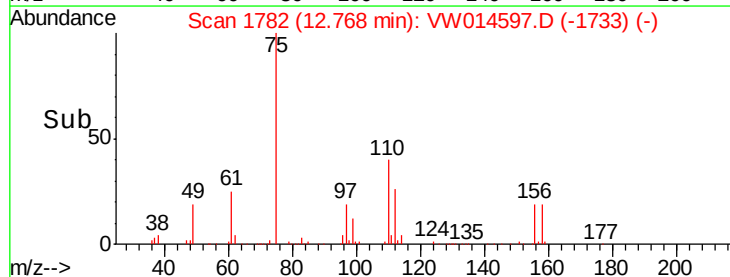
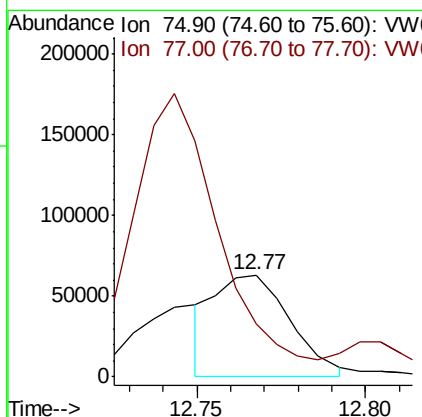
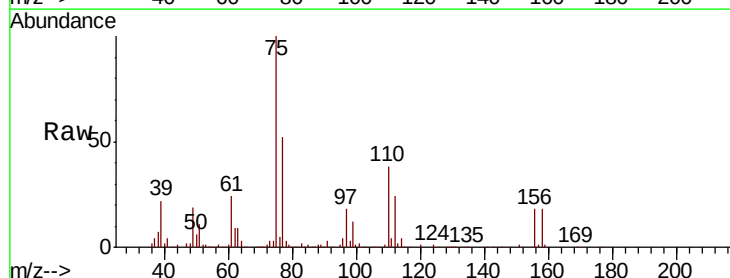
RT: 12.77 min Scan# 1782

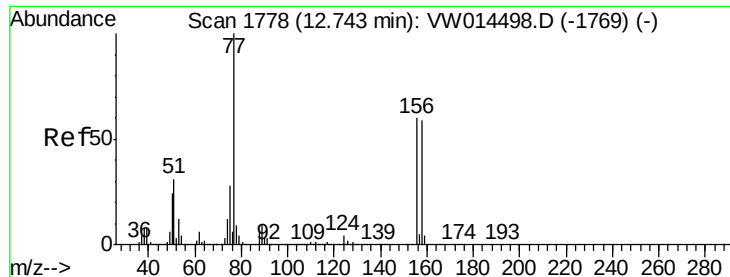
Delta R.T. 0.00 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Tgt Ion:	75	Resp:	99041
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.468 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Instrument :

MSVOA_W

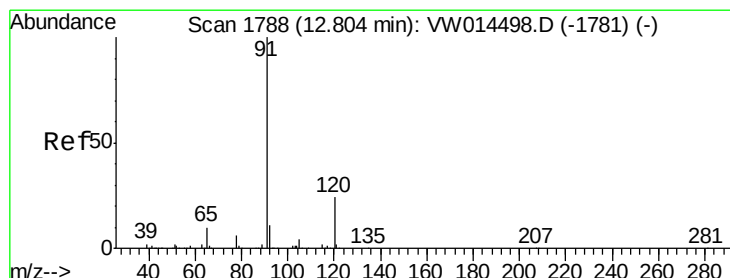
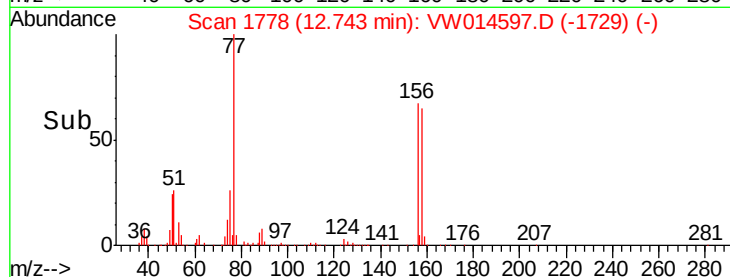
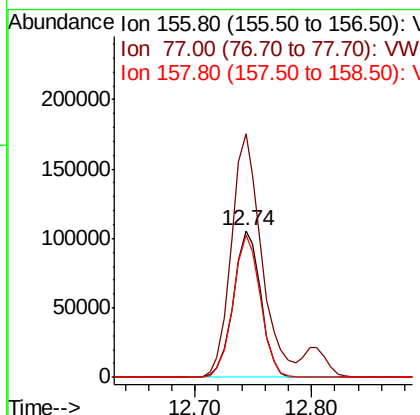
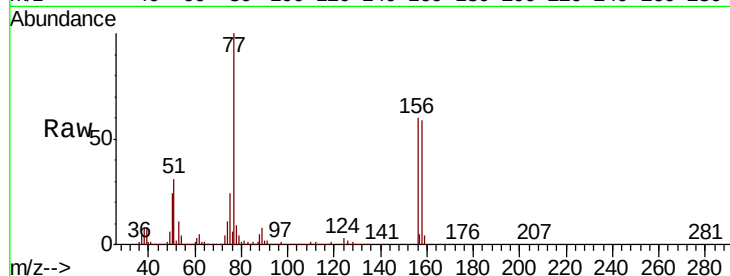
ClientSampled :

VW0110SBS01

Tot Ion:	156	Resp:	172567
Ion Ratio	Lower	Upper	
156	100		
77	183.7	92.3	277.1
158	96.7	48.6	145.9

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1/13/2020 12:01:34 PM



#78

n-propylbenzene

Concen: 22.133 ug/l

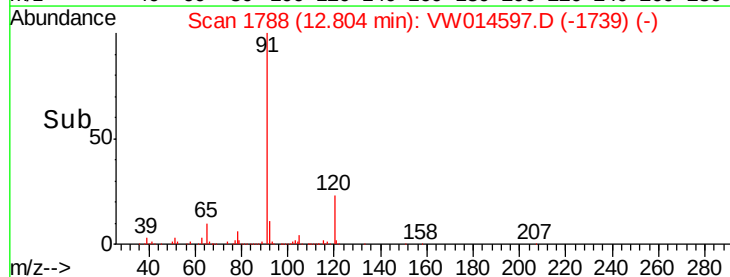
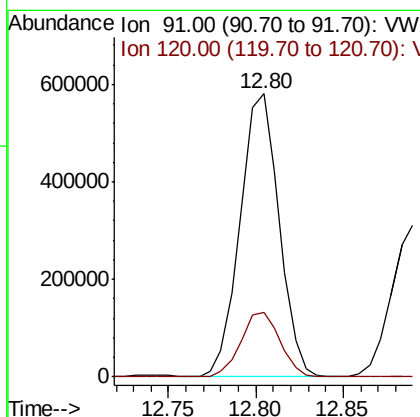
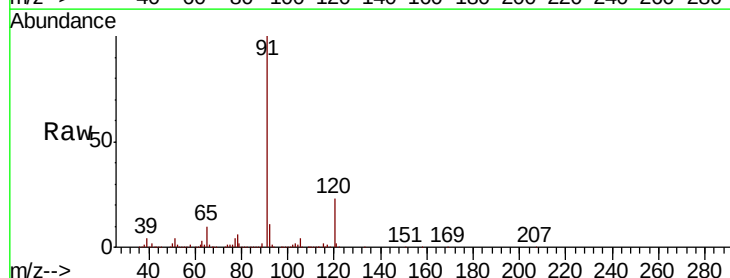
RT: 12.80 min Scan# 1788

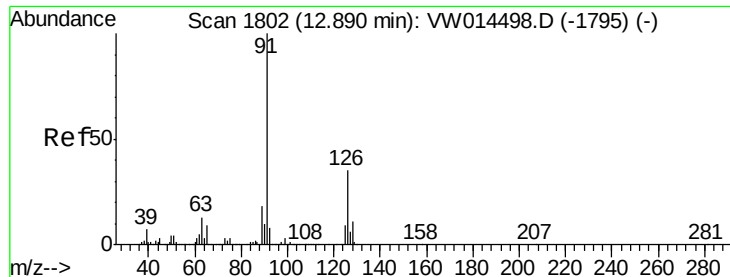
Delta R.T. 0.00 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Tgt Ion:	91	Resp:	900756
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.7	35.1





#79

2-Chlorotoluene

Concen: 21.814 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS01

Tot Ion: 91 Resp: 505210

Ion Ratio Lower Upper

91 100

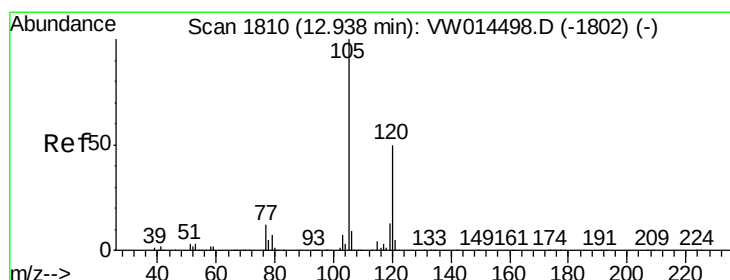
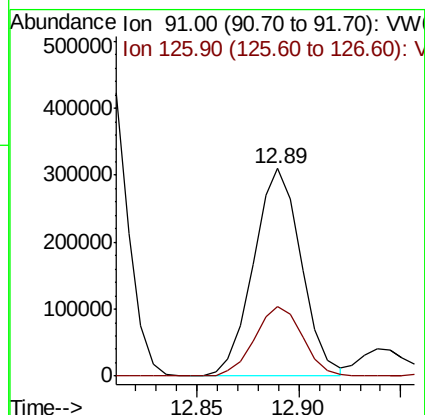
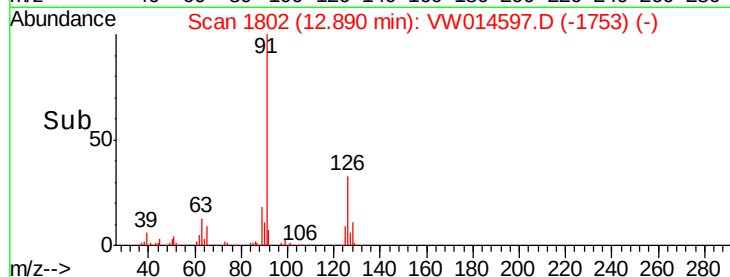
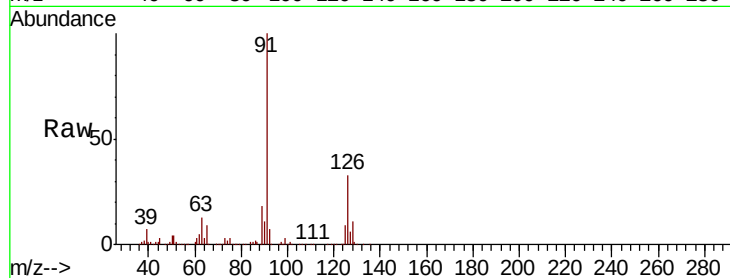
126 33.5 17.1 51.2

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#80

1,3,5-Trimethylbenzene

Concen: 22.017 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW014597.D

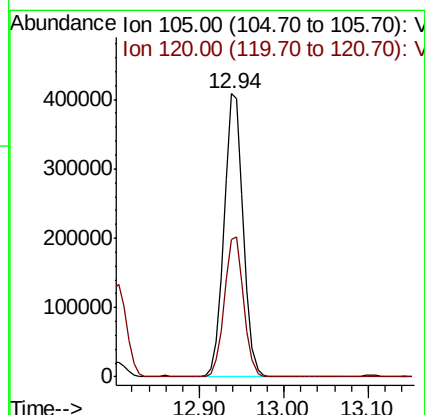
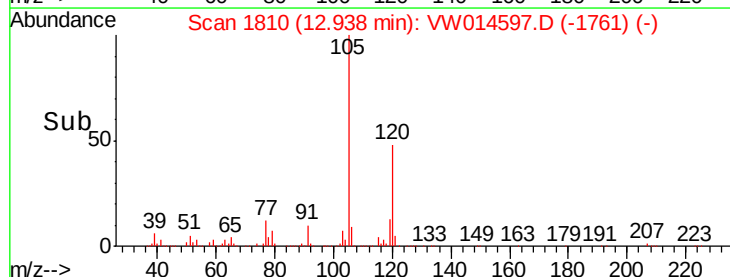
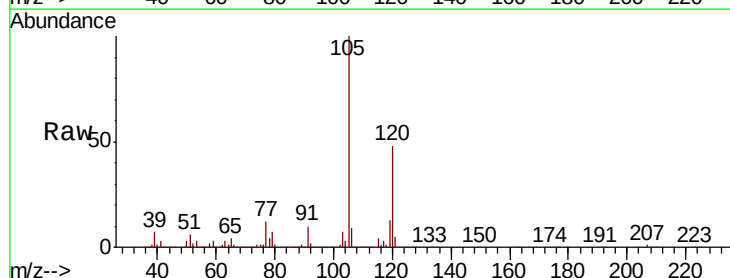
Acq: 10 Jan 2020 14:14

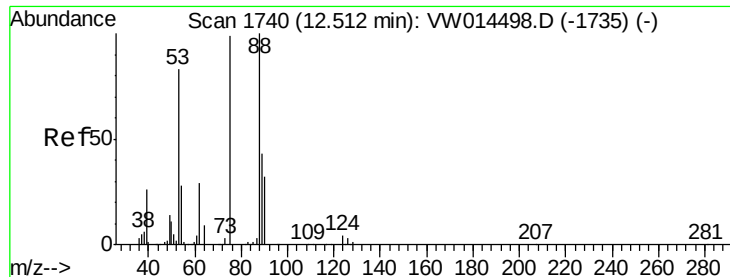
Tgt Ion: 105 Resp: 639826

Ion Ratio Lower Upper

105 100

120 49.8 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.695 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS01

Tot Ion: 75 Resp: 39422

Ion Ratio Lower Upper

75 100

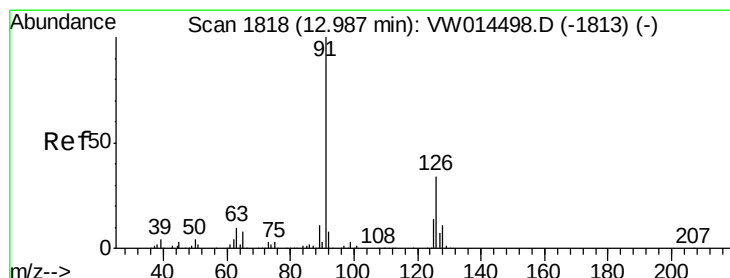
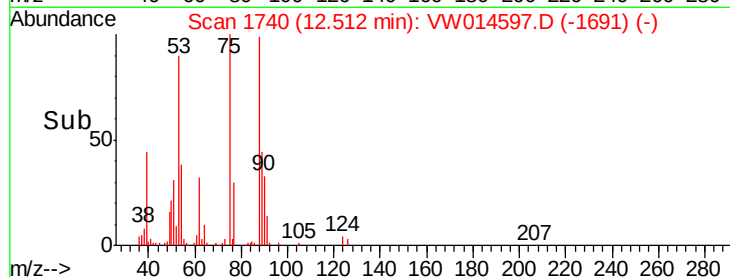
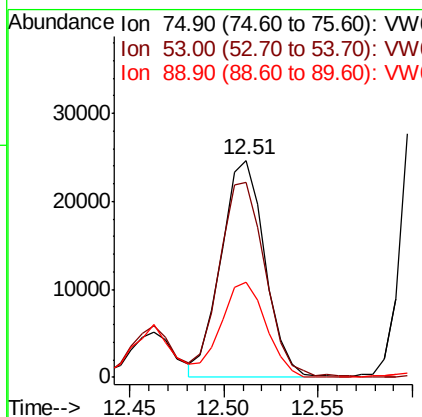
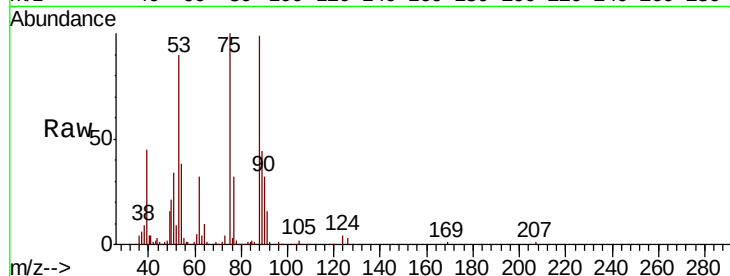
53 95.8 70.9 106.3

89 46.0 35.8 53.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.844 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW014597.D

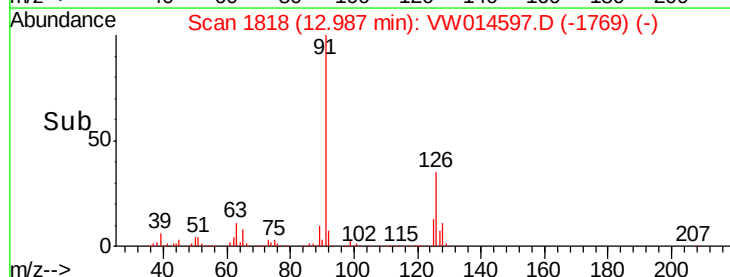
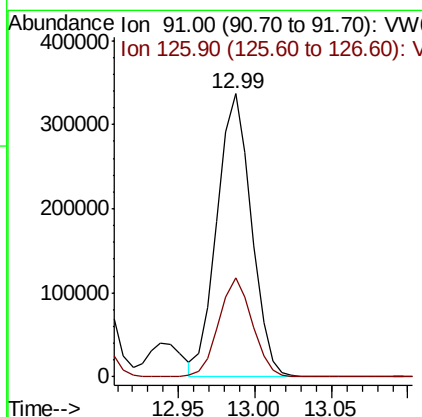
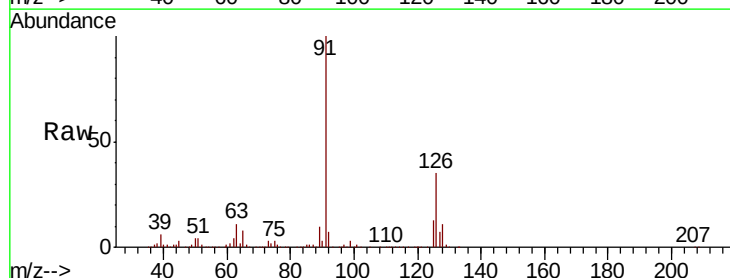
Acq: 10 Jan 2020 14:14

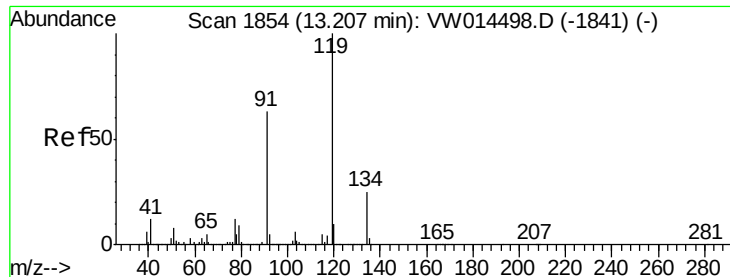
Tgt Ion: 91 Resp: 525612

Ion Ratio Lower Upper

91 100

126 34.3 17.1 51.2





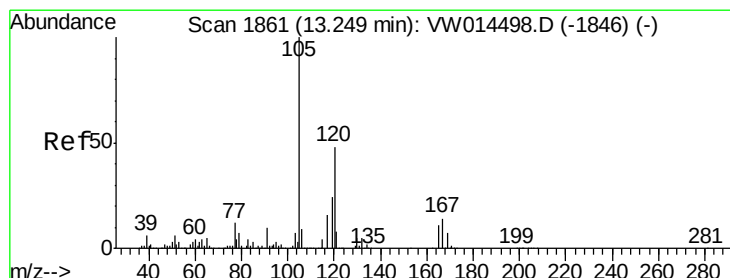
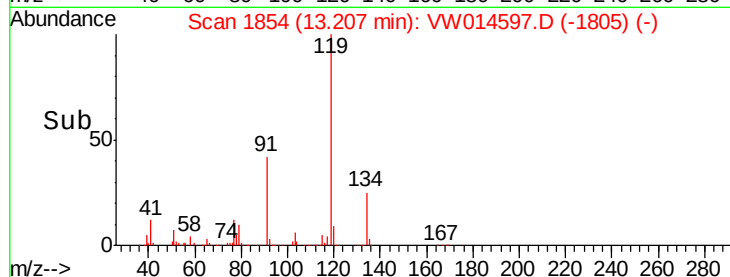
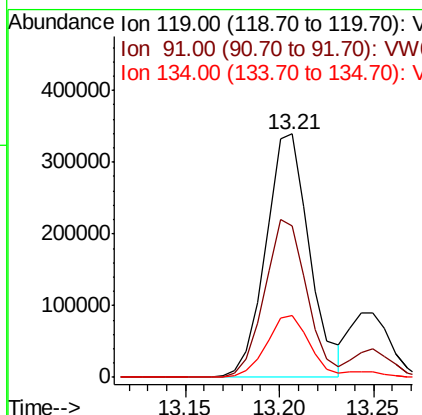
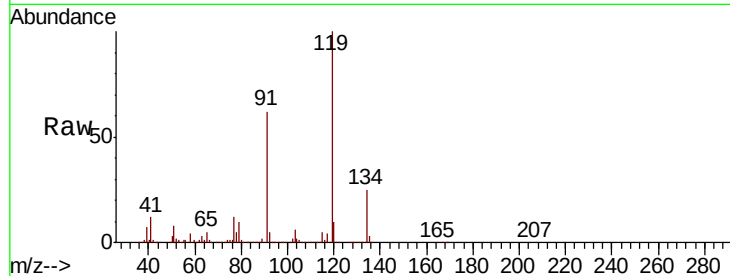
#83
tert-Butylbenzene
Concen: 21.493 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.9	31.1	93.3
134	27.0	13.5	40.5

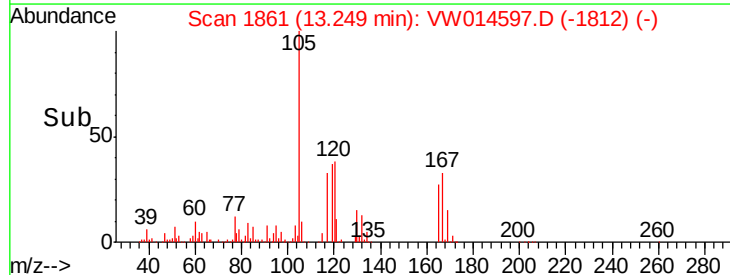
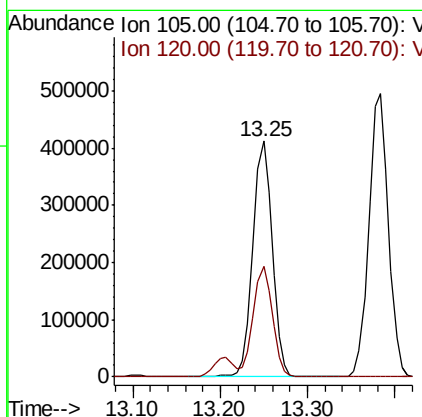
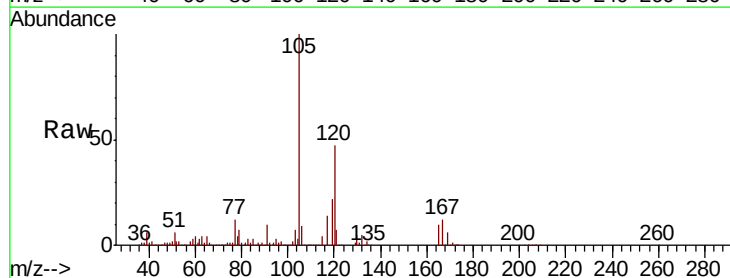
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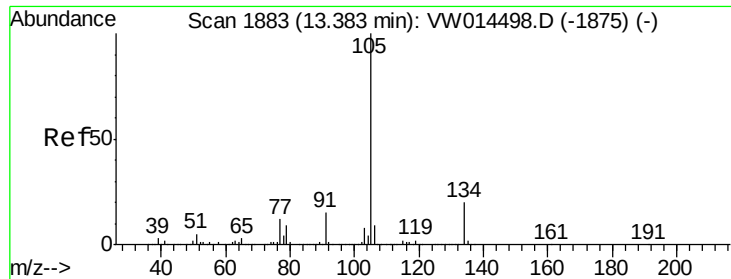
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 21.909 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.4	70.0





#85

sec-Butylbenzene

Concen: 21.886 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Instrument :

MSVOA_W

ClientSampled :

VW0110SBS01

Tot Ion:105 Resp: 770767

Ion Ratio Lower Upper

105 100

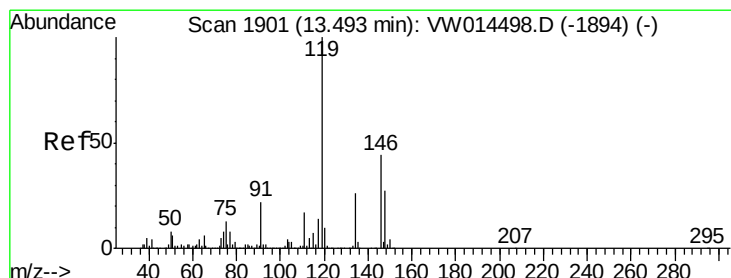
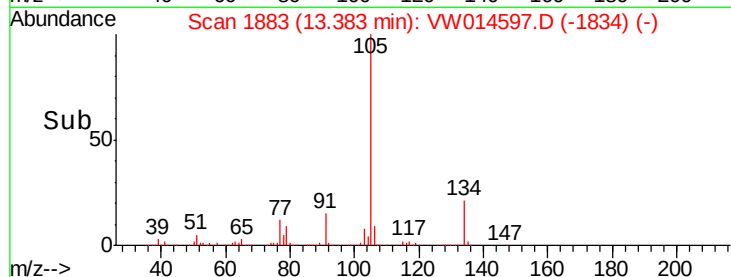
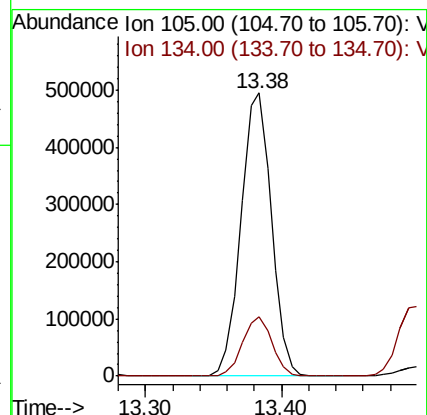
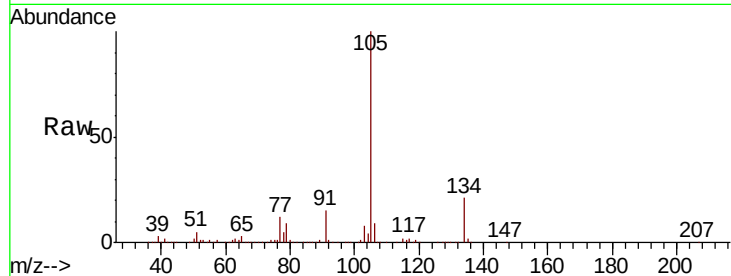
134 20.4 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 22.037 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. 0.00 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

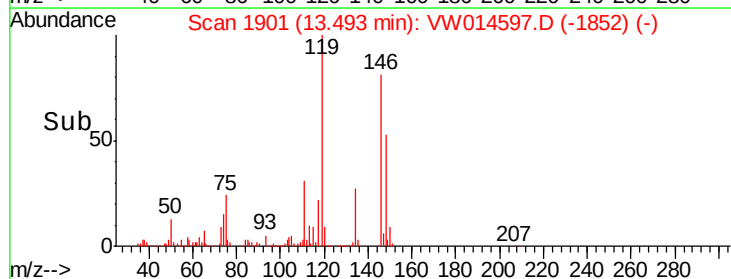
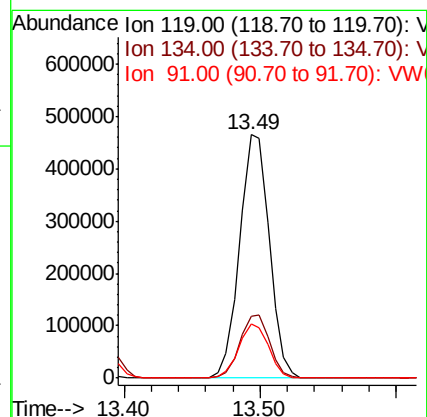
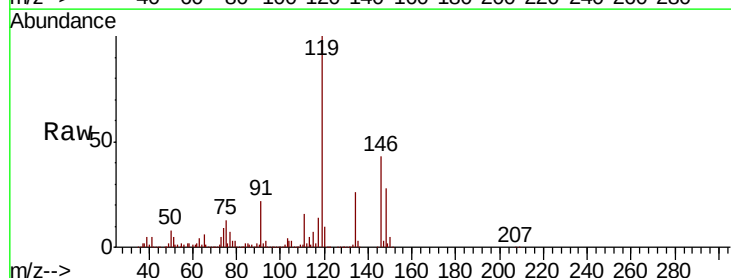
Tgt Ion:119 Resp: 707383

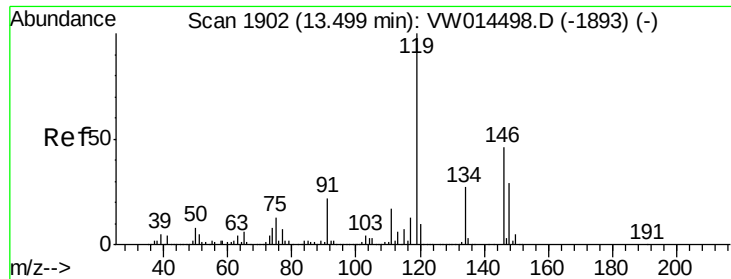
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

91 22.2 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 21.683 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

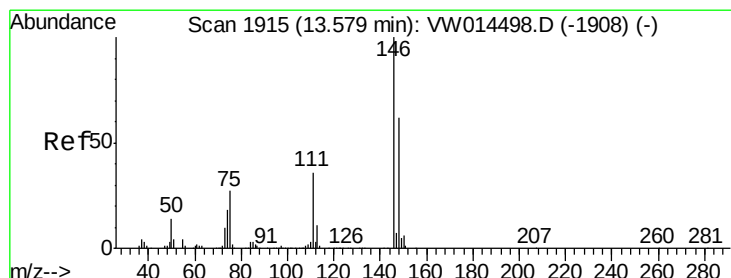
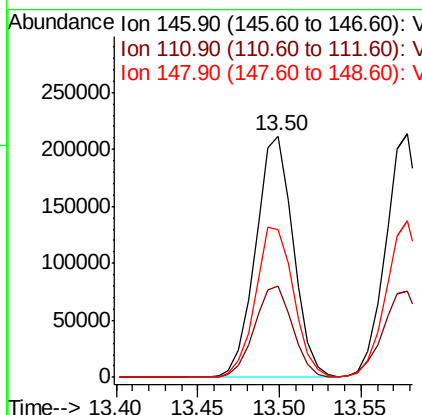
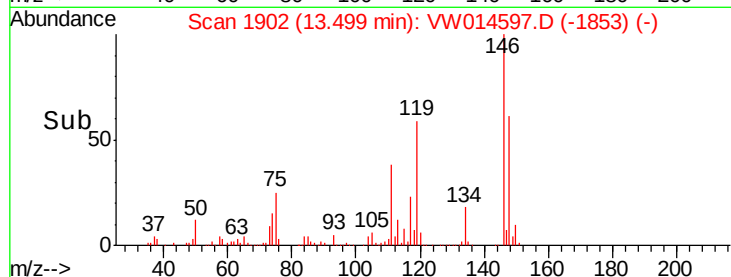
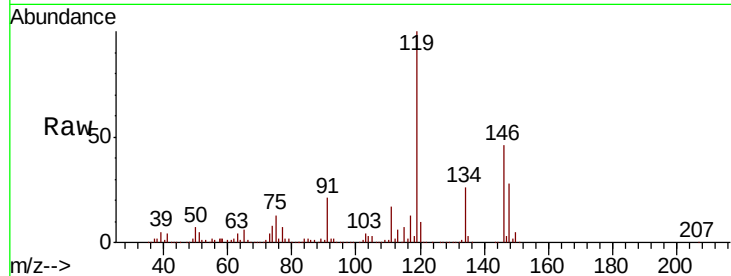
Instrument :
MSVOA_W

ClientSampleId :
VW0110SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.3	57.9
148	63.4	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 21.832 ug/l

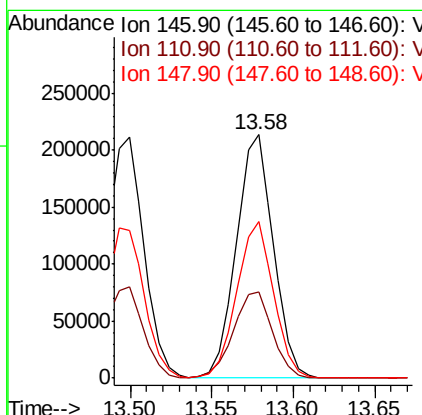
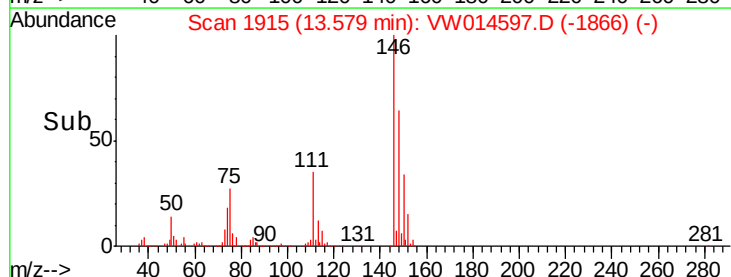
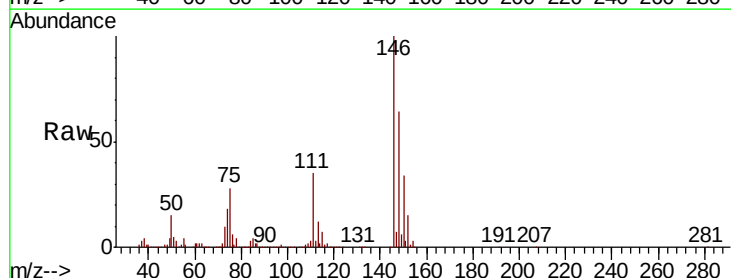
RT: 13.58 min Scan# 1915

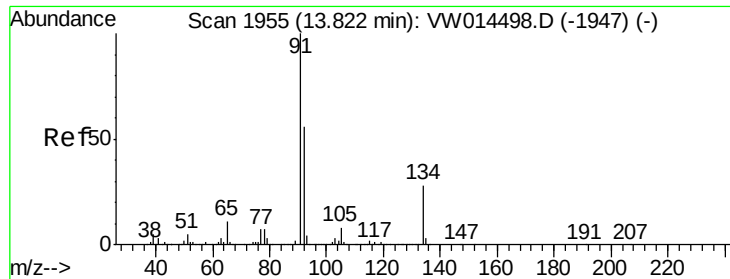
Delta R.T. 0.00 min

Lab File: VW014597.D

Acq: 10 Jan 2020 14:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	64.0	31.7	95.1





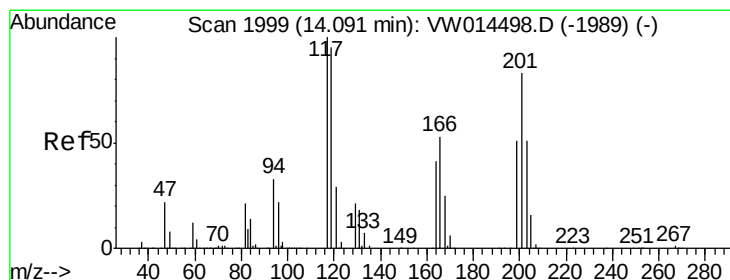
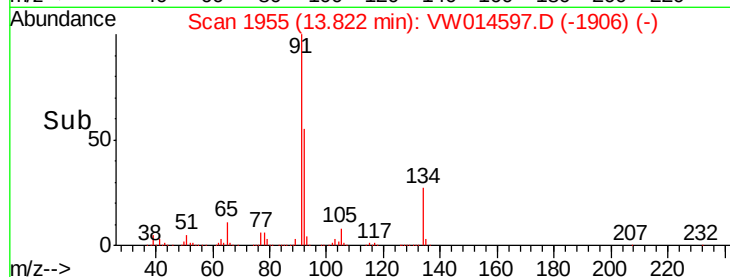
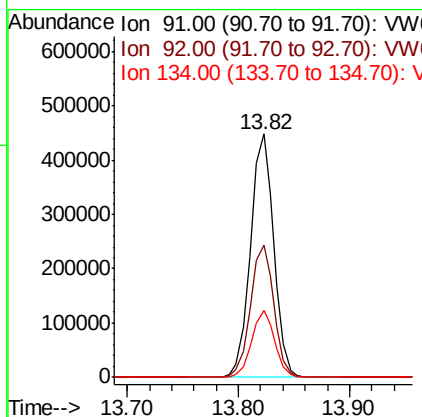
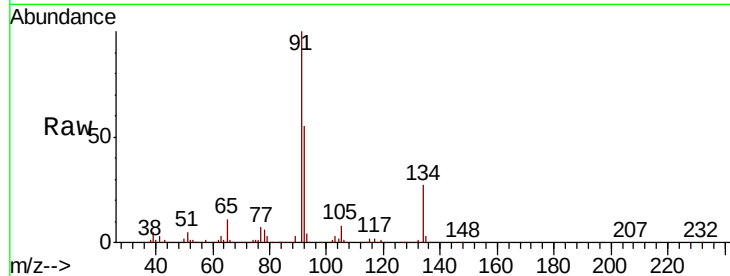
#89
n-Butylbenzene
Concen: 21.827 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.5	82.5
134	27.2	13.7	41.1

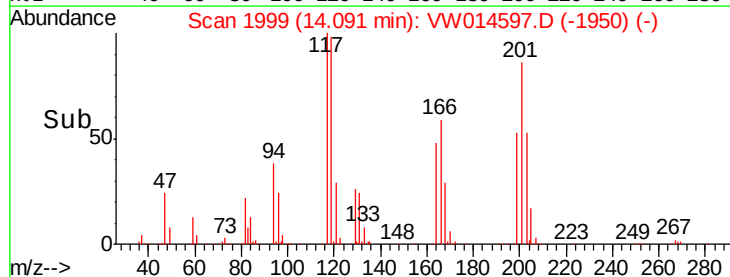
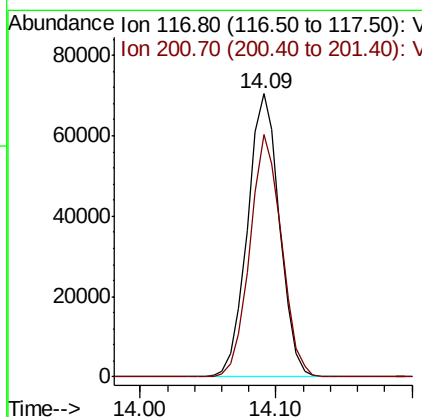
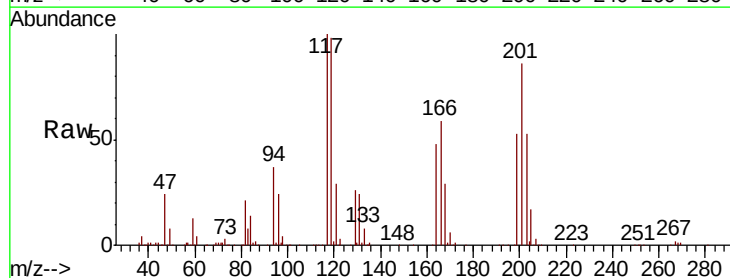
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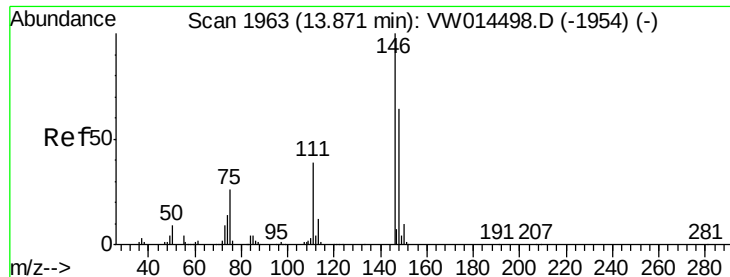
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#90
Hexachloroethane
Concen: 20.774 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.4	43.0	128.8





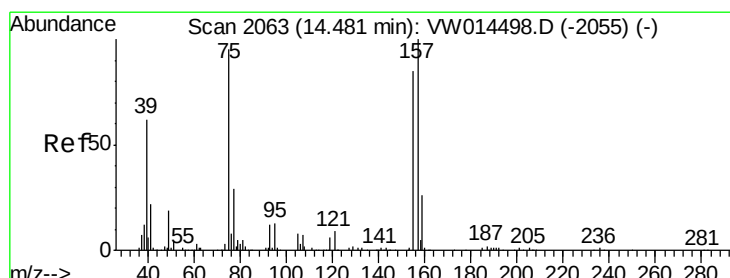
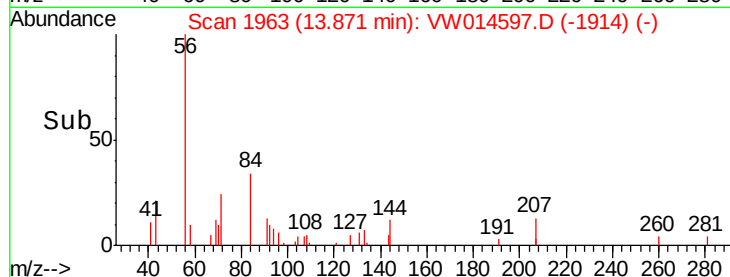
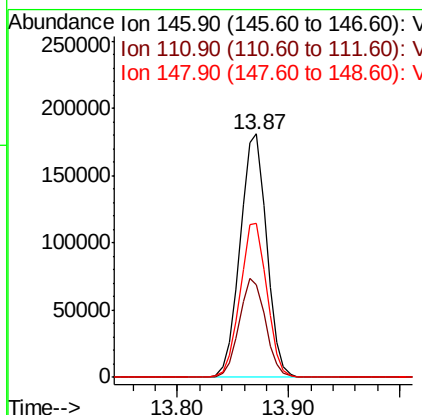
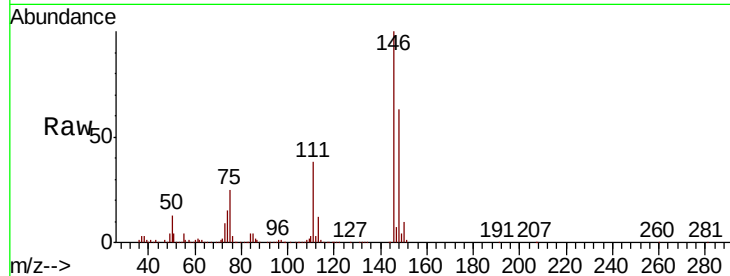
#91
 1,2-Dichlorobenzene
 Concen: 21.761 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW014597.D
 Acq: 10 Jan 2020 14:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.4	61.3
148	63.8	32.3	96.8

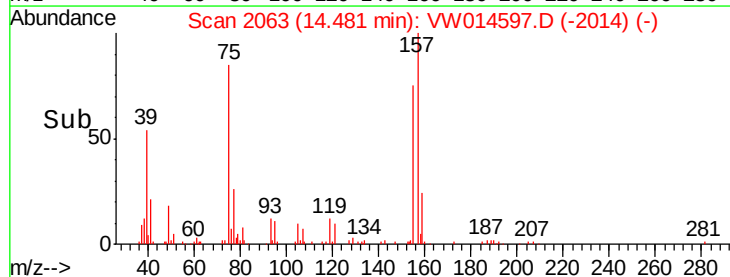
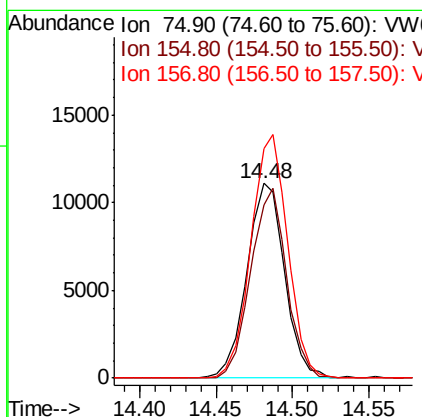
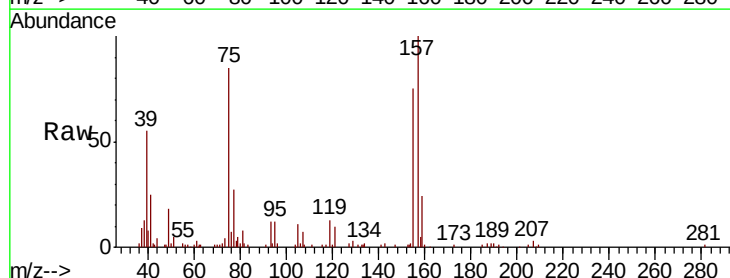
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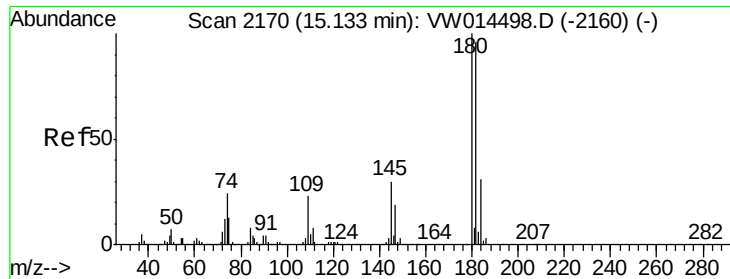
MMDadoda
 1/13/2020 12:01:34 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.275 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW014597.D
 Acq: 10 Jan 2020 14:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.6	45.8	137.4
157	121.5	58.1	174.2





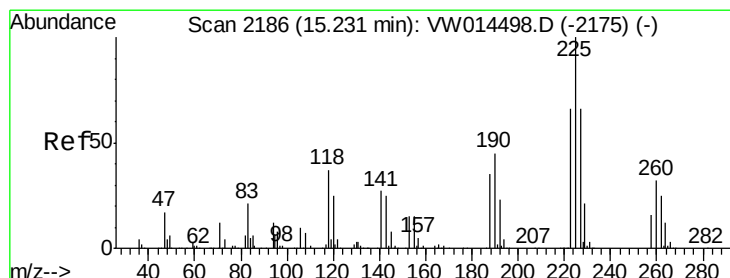
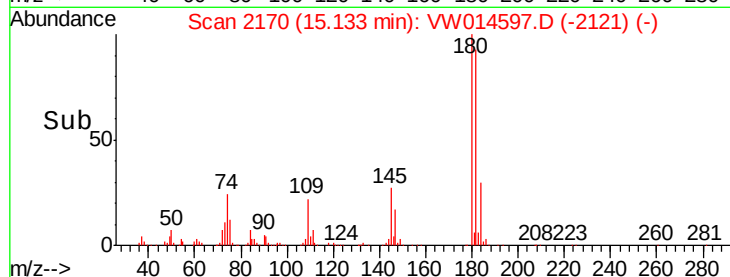
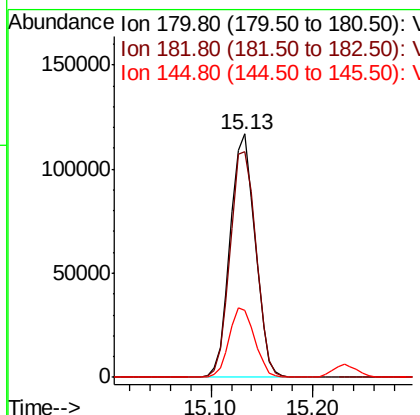
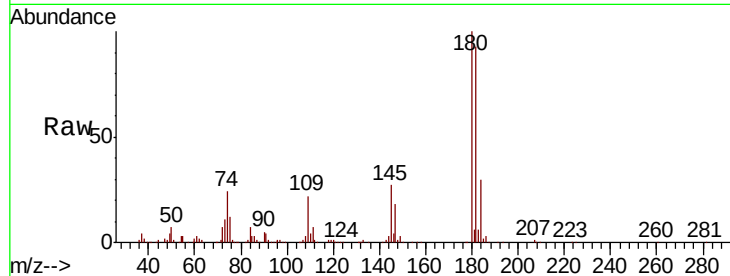
#93
1,2,4-Trichlorobenzene
Concen: 21.342 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	198012		
182	95.9	47.3	141.8	
145	28.9	14.7	44.1	

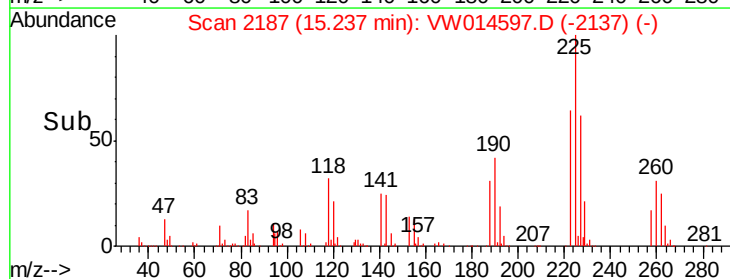
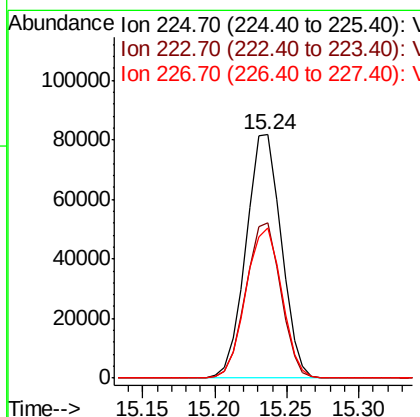
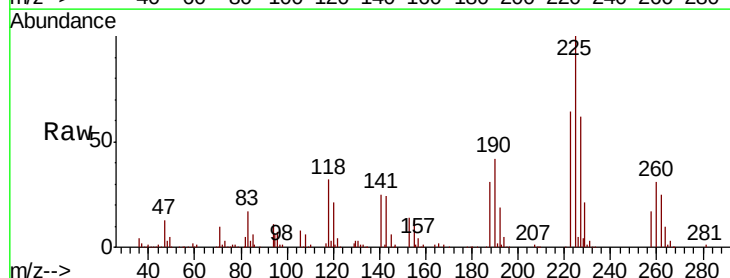
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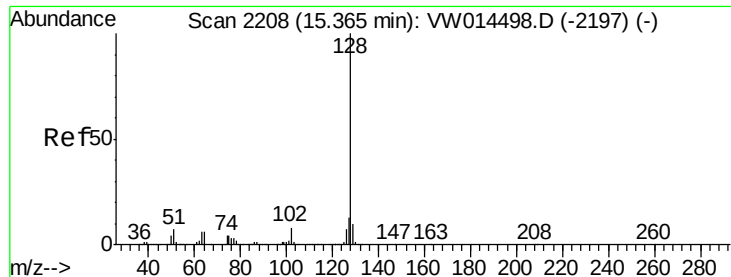
MMDadoda
1/13/2020 12:01:34 PM



#94
Hexachlorobutadiene
Concen: 22.319 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.01 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	138766		
223	63.4	32.4	97.2	
227	62.5	32.6	97.8	





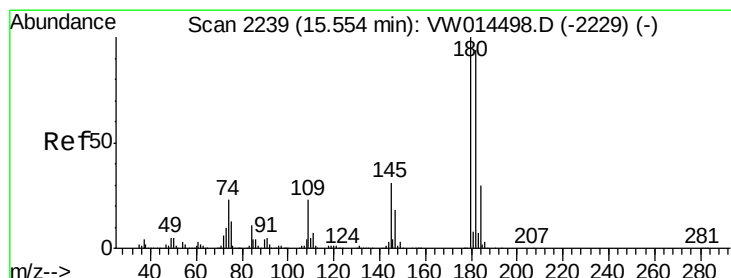
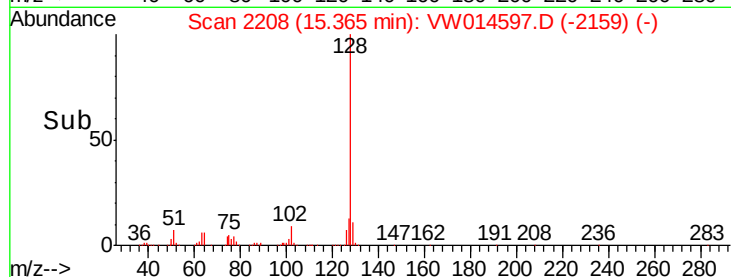
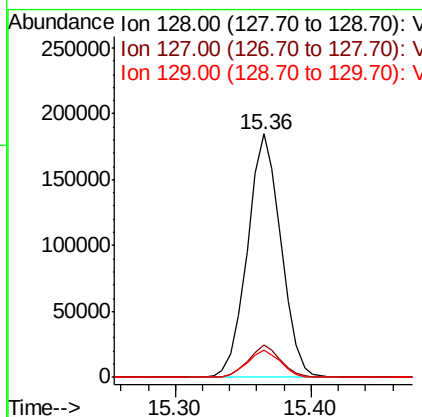
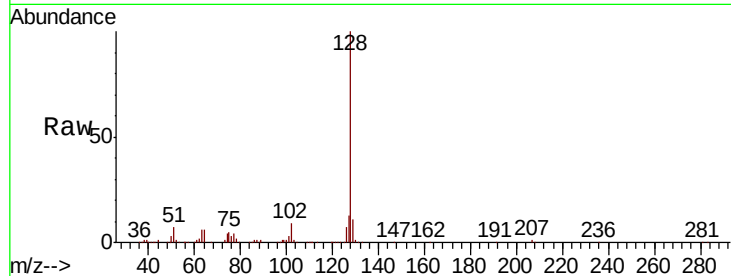
#95
Naphthalene
Concen: 20.173 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/13/2020 12:01:34 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.384 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW014597.D
Acq: 10 Jan 2020 14:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.4	142.2
145	30.0	15.5	46.5

