

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
 Data File : VW015336.D
 Acq On : 24 Apr 2020 12:14
 Operator : SY/VA
 Sample : VW0424SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBS01

Manual Integrations
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 4/27/2020 2:27:58 PM

Quant Time: Apr 25 07:03:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	285859	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	145450	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	88909	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
35) Dibromofluoromethane	7.88	113	84940	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
50) Toluene-d8	10.32	98	326274	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.62	95	123665	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	30486	19.073	ug/l	95
3) Chloromethane	2.21	50	30902	17.754	ug/l	99
4) Vinyl Chloride	2.36	62	37418	18.205	ug/l	98
5) Bromomethane	2.76	94	32139	21.992	ug/l	93
6) Chloroethane	2.92	64	22990	18.032	ug/l	98
7) Trichlorofluoromethane	3.26	101	58297	20.044	ug/l	98
8) Diethyl Ether	3.69	74	16818	20.601	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.07	101	35719	19.915	ug/l	91
10) Methyl Iodide	4.28	142	30228	16.046	ug/l	99
11) Tert butyl alcohol	5.17	59	17637	130.721	ug/l	100
12) 1,1-Dichloroethene	4.04	96	33397	19.345	ug/l	95
13) Acrolein	3.90	56	10435	147.768	ug/l	97
14) Allyl chloride	4.67	41	42537	18.573	ug/l #	86
15) Acrylonitrile	5.37	53	34663	111.572	ug/l	98
16) Acetone	4.13	43	33338	115.320	ug/l	98
17) Carbon Disulfide	4.39	76	94142	18.350	ug/l	100
18) Methyl Acetate	4.68	43	16527	21.598	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	86254	21.764	ug/l	94
20) Methylene Chloride	4.92	84	34313	18.110	ug/l	91
21) trans-1,2-Dichloroethene	5.43	96	38618	19.724	ug/l	94
22) Diisopropyl ether	6.32	45	85961	19.565	ug/l #	91
23) Vinyl Acetate	6.26	43	274200	106.350	ug/l #	94
24) 1,1-Dichloroethane	6.22	63	58611	19.248	ug/l	98
25) 2-Butanone	7.18	43	44567	116.197	ug/l #	88
26) 2,2-Dichloropropane	7.17	77	63229	19.738	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	42160	19.945	ug/l	97
28) Bromochloromethane	7.51	49	23240	20.992	ug/l #	73
29) Tetrahydrofuran	7.53	42	27794	116.314	ug/l	88
30) Chloroform	7.68	83	65924	20.060	ug/l	98
31) Cyclohexane	7.96	56	59040	19.289	ug/l #	83
32) 1,1,1-Trichloroethane	7.87	97	64454	20.321	ug/l	98
36) 1,1-Dichloropropene	8.09	75	52897	20.502	ug/l	99
37) Ethyl Acetate	7.26	43	20335	24.285	ug/l #	97
38) Carbon Tetrachloride	8.07	117	58308	20.680	ug/l	95

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Quant Time: Apr 25 07:03:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	67272	19.590	ug/l	96
40) Benzene	8.32	78	138233	20.057	ug/l	100
41) Methacrylonitrile	7.48	41	10703m	21.303	ug/l	
42) 1,2-Dichloroethane	8.40	62	43195	21.290	ug/l	99
43) Isopropyl Acetate	8.43	43	39763	22.642	ug/l	95
44) Trichloroethene	9.09	130	44241	20.986	ug/l	94
45) 1,2-Dichloropropane	9.37	63	32300	20.153	ug/l	100
46) Dibromomethane	9.46	93	20135	21.718	ug/l #	85
47) Bromodichloromethane	9.65	83	51132	20.631	ug/l	99
48) Methyl methacrylate	9.44	41	17654	21.265	ug/l #	83
49) 1,4-Dioxane	9.45	88	5930	479.789	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	95823	116.234	ug/l	97
52) Toluene	10.38	92	93644	19.414	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	51119	20.918	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	57615	20.283	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	28848	22.221	ug/l	98
56) Ethyl methacrylate	10.65	69	35932	21.485	ug/l	92
57) 1,3-Dichloropropane	10.93	76	46639	21.688	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	92206	118.919	ug/l #	89
59) 2-Hexanone	10.97	43	67709	115.056	ug/l	97
60) Dibromochloromethane	11.13	129	37357	21.794	ug/l	98
61) 1,2-Dibromoethane	11.23	107	28475	22.479	ug/l	98
64) Tetrachloroethene	10.87	164	40613	21.697	ug/l	90
65) Chlorobenzene	11.66	112	102523	19.921	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	39312	21.253	ug/l	97
67) Ethyl Benzene	11.73	91	186500	19.432	ug/l	97
68) m/p-Xylenes	11.84	106	147521	39.213	ug/l	99
69) o-Xylene	12.16	106	69717	19.854	ug/l	98
70) Styrene	12.18	104	117095	19.563	ug/l	100
71) Bromoform	12.35	173	24762	23.758	ug/l #	96
73) Isopropylbenzene	12.46	105	195277	19.364	ug/l	99
74) N-amyl acetate	12.27	43	36899	21.031	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	31273	21.841	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	25369m	22.546	ug/l	
77) Bromobenzene	12.74	156	47228	20.384	ug/l	83
78) n-propylbenzene	12.80	91	226140	19.259	ug/l	96
79) 2-Chlorotoluene	12.89	91	127316	19.240	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	168689	19.418	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	11017	21.403	ug/l	93
82) 4-Chlorotoluene	12.99	91	135466	19.281	ug/l	97
83) tert-Butylbenzene	13.21	119	147492	19.425	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	168857	19.707	ug/l	100
85) sec-Butylbenzene	13.38	105	199674	19.042	ug/l	97
86) p-Isopropyltoluene	13.50	119	191256	19.629	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	92481	20.089	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	92250	20.442	ug/l	98
89) n-Butylbenzene	13.82	91	173159	19.443	ug/l	97
90) Hexachloroethane	14.09	117	34114	19.091	ug/l	70
91) 1,2-Dichlorobenzene	13.87	146	82451	20.611	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	5885	22.712	ug/l	83

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ClientSampleId :
VW0424SBSD01

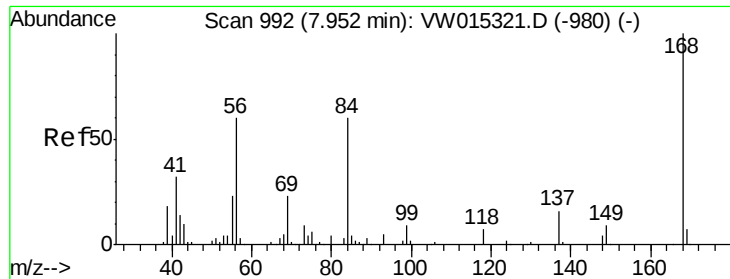
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	59940	21.556	ug/l	97
94) Hexachlorobutadiene	15.23	225	39616	21.370	ug/l	97
95) Naphthalene	15.36	128	104324	23.324	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	51512	22.769	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBS01

Tot Ion:168 Resp: 202403

Ion Ratio Lower Upper

168 100

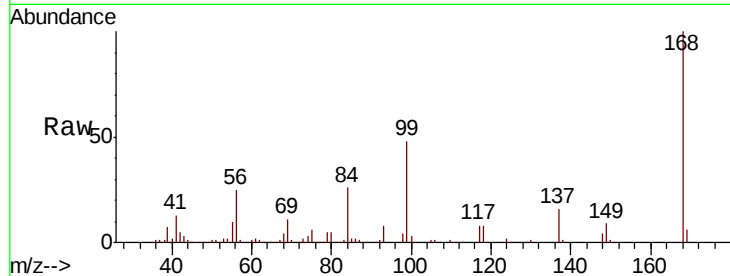
99 48.2 48.5 72.7#

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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

100000

80000

60000

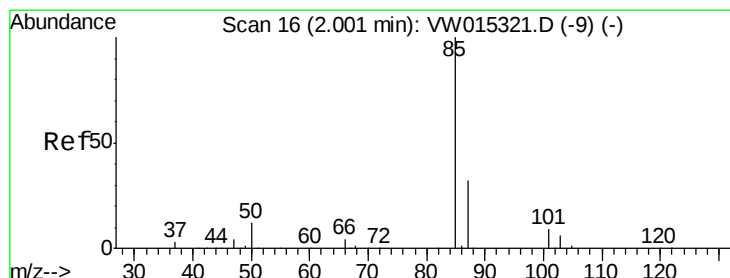
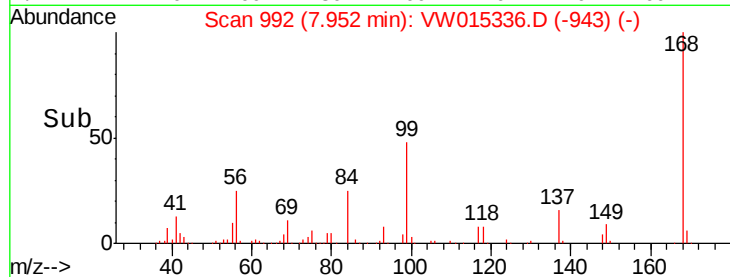
40000

20000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 19.073 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015336.D

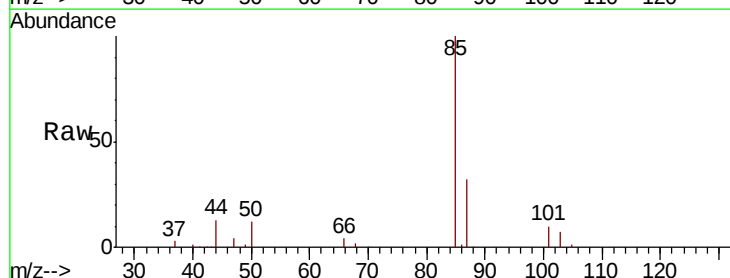
Acq: 24 Apr 2020 12:14

Tgt Ion: 85 Resp: 30486

Ion Ratio Lower Upper

85 100

87 31.7 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

25000

20000

15000

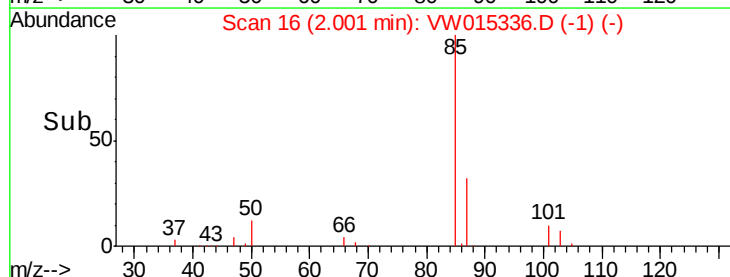
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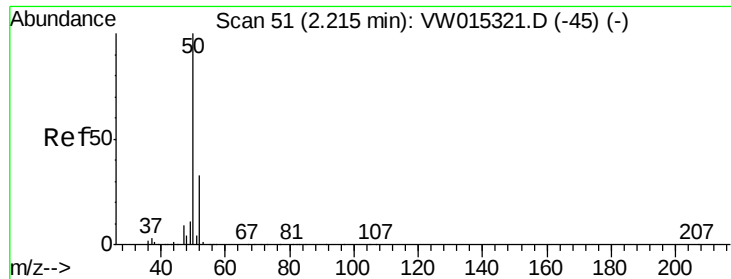
5000

0

Time-->

1.95 2.00 2.05





#3

Chloromethane

Concen: 17.754 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBS01

Tot Ion: 50 Resp: 30902

Ion Ratio Lower Upper

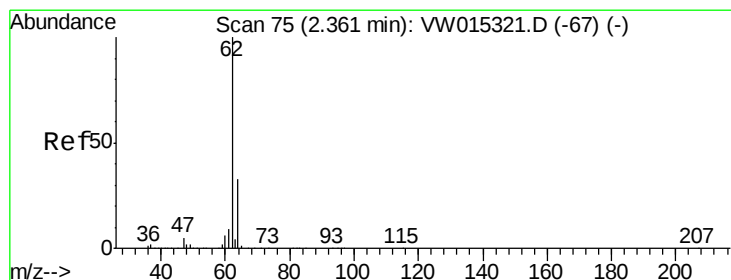
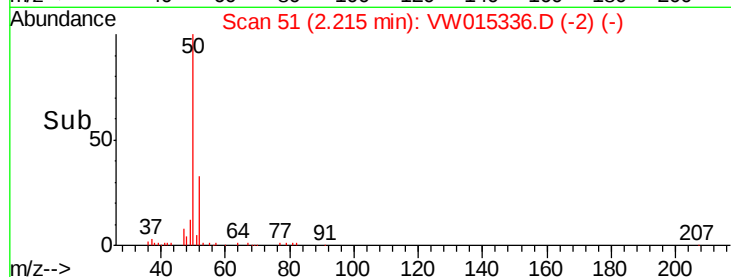
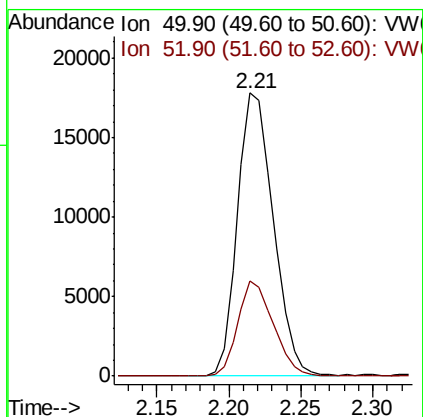
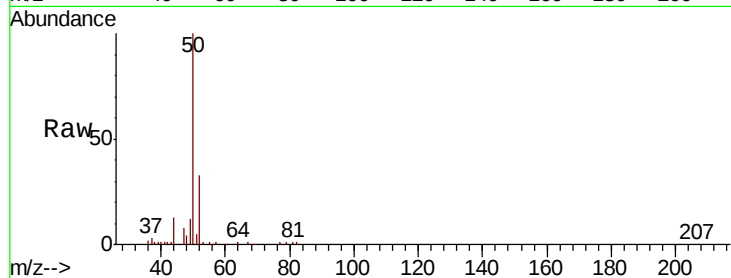
50 100

52 33.4 26.5 39.7

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#4

Vinyl Chloride

Concen: 18.205 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW015336.D

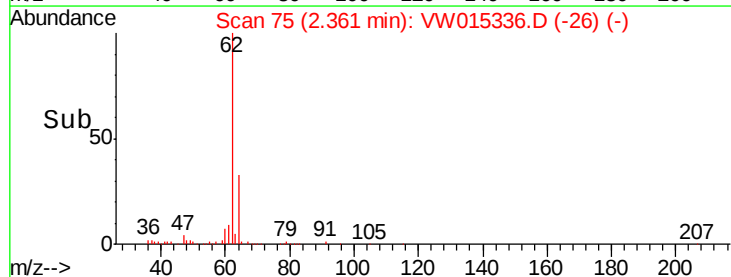
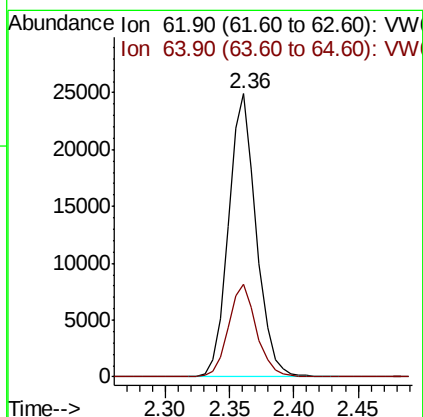
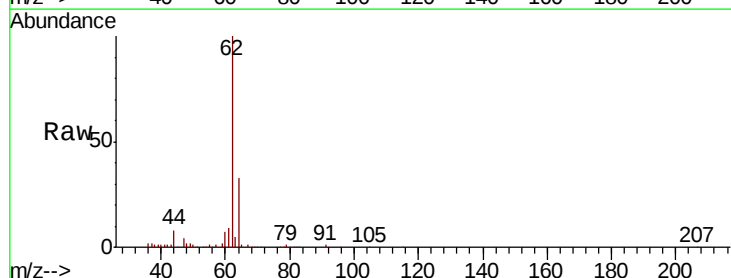
Acq: 24 Apr 2020 12:14

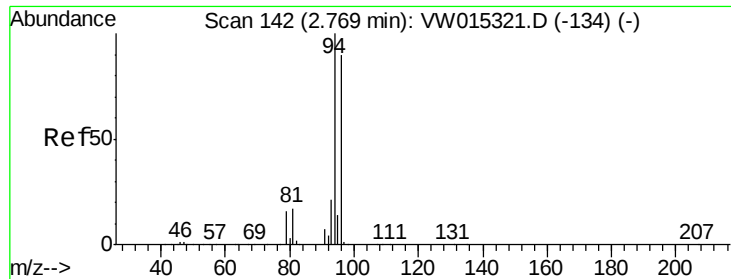
Tgt Ion: 62 Resp: 37418

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.2





#5

Bromomethane

Concen: 21.992 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBSD01

Tot Ion: 94 Resp: 32139

Ion Ratio Lower Upper

94 100

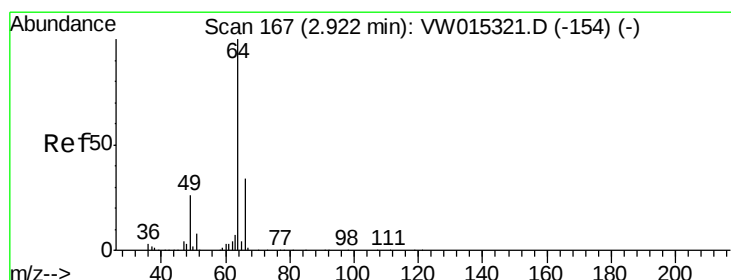
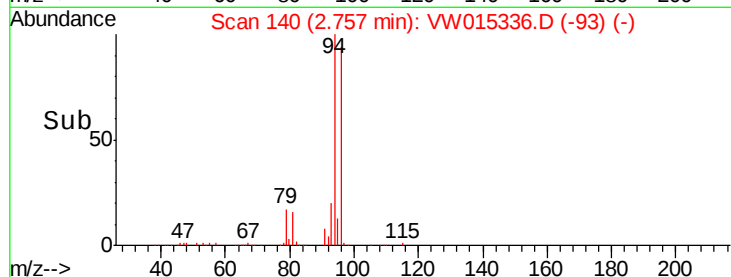
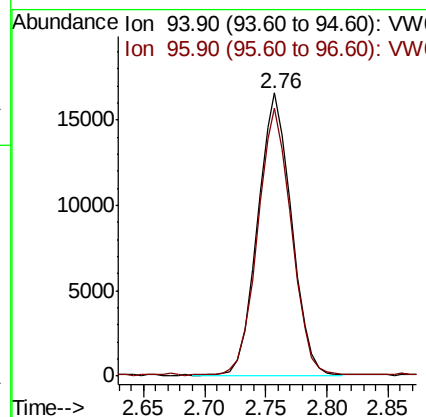
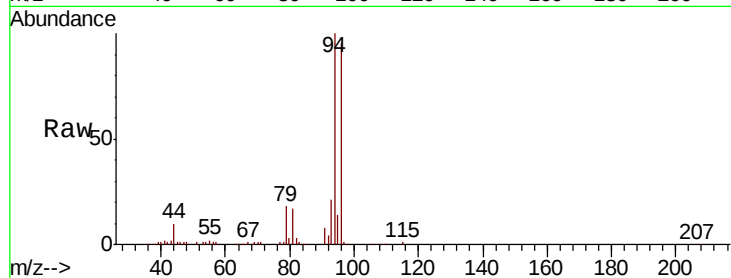
96 94.3 70.4 105.6

Manual Integrations

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#6

Chloroethane

Concen: 18.032 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW015336.D

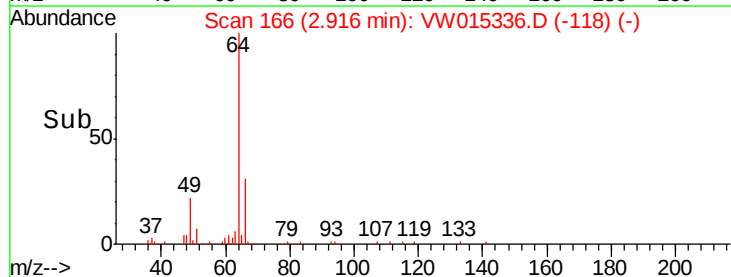
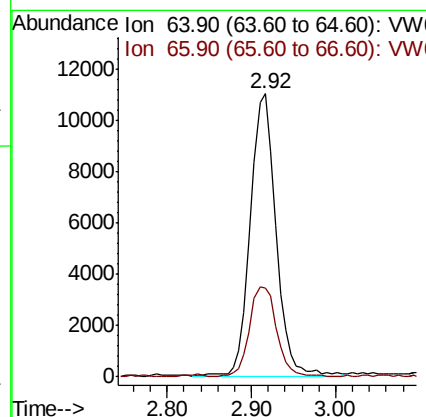
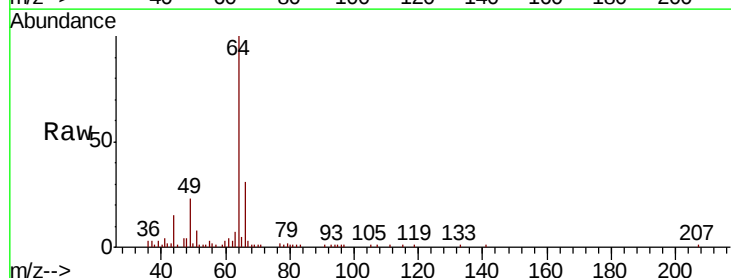
Acq: 24 Apr 2020 12:14

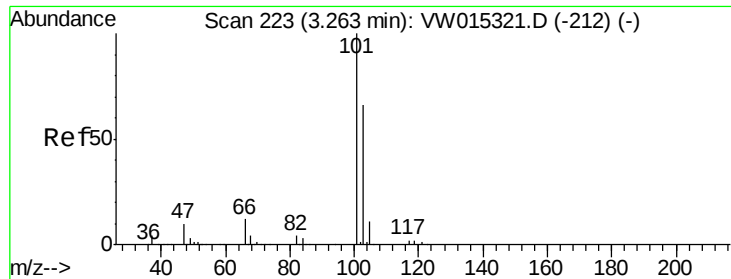
Tgt Ion: 64 Resp: 22990

Ion Ratio Lower Upper

64 100

66 31.2 25.8 38.6





#7

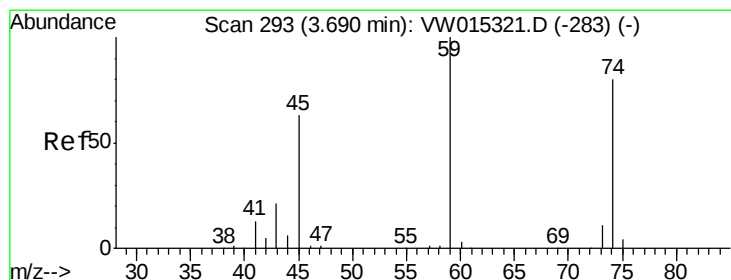
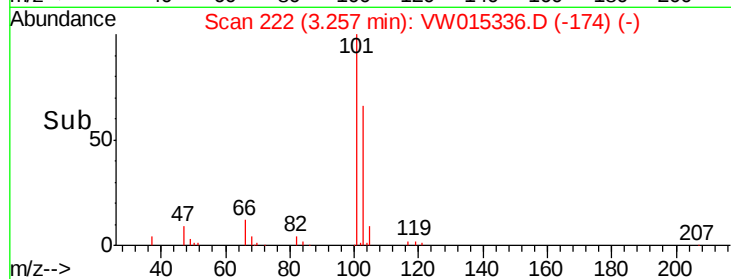
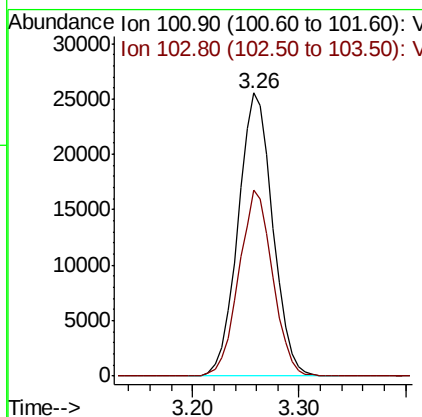
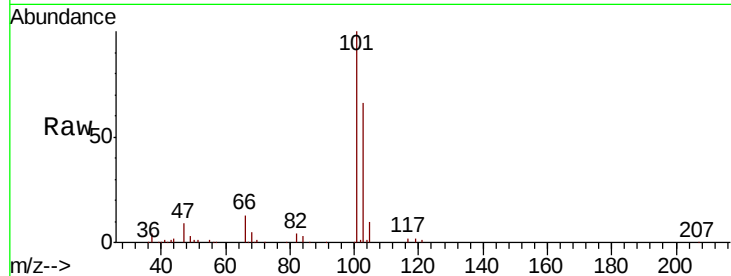
Trichlorofluoromethane
 Concen: 20.044 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

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 ClientSampleId :
 VW0424SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.3	76.9

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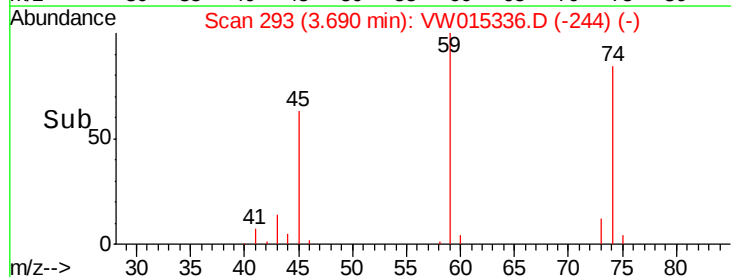
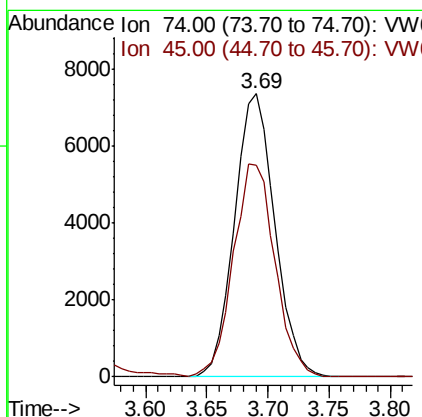
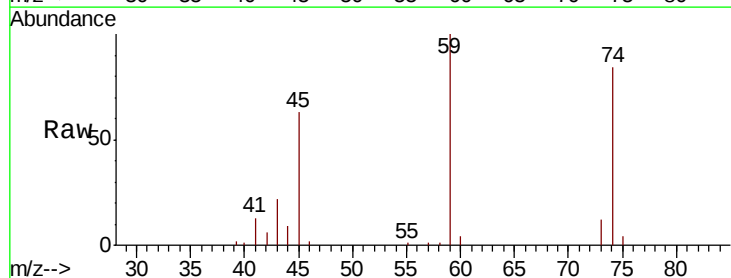
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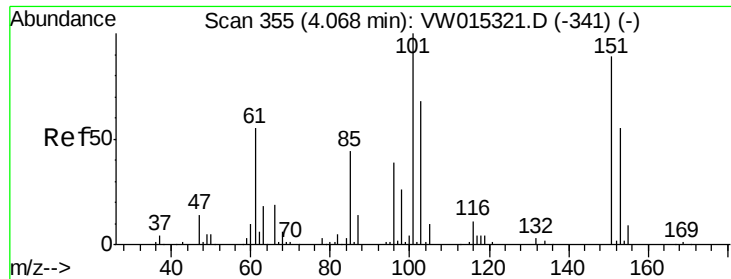


#8

Diethyl Ether
 Concen: 20.601 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	77.7	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.915 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

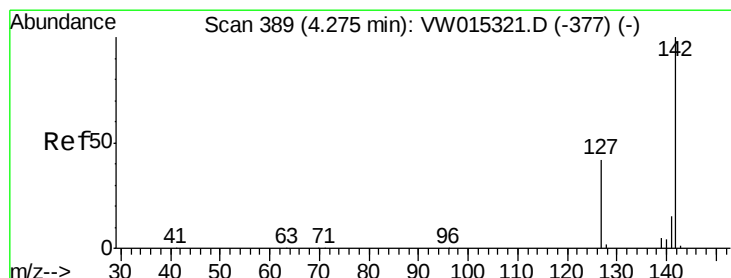
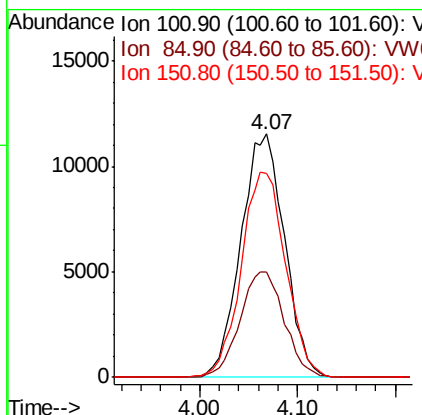
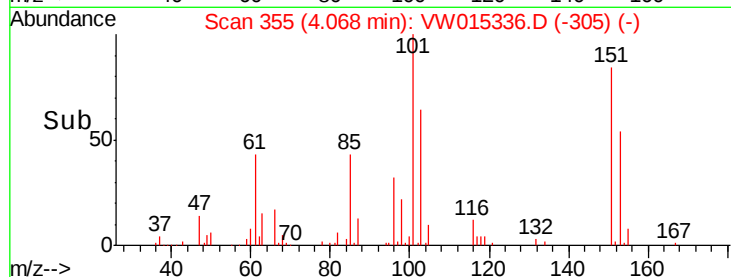
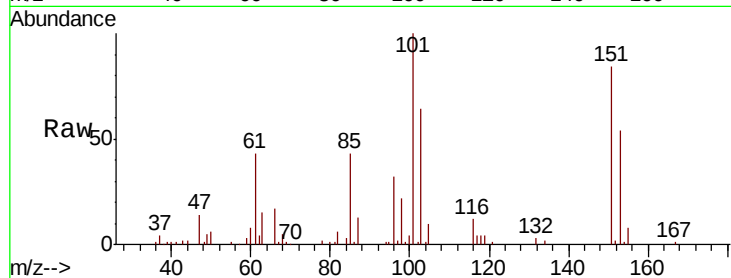
ClientSampleId :

VW0424SBS01

Tot Ion:	101	Resp:	35719
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.3	52.9
151	85.6	59.3	88.9

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#10

Methyl Iodide

Concen: 16.046 ug/l

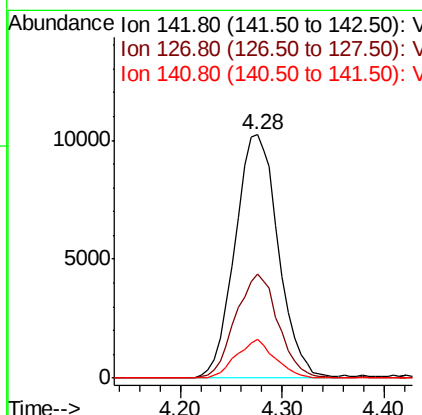
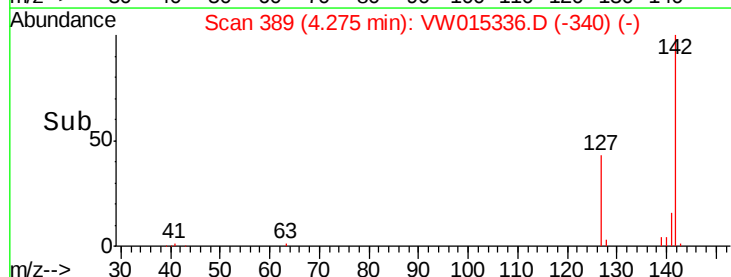
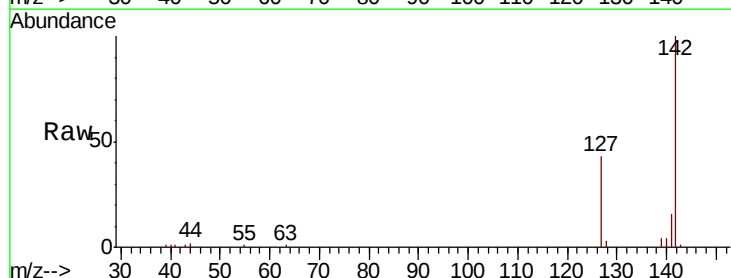
RT: 4.28 min Scan# 389

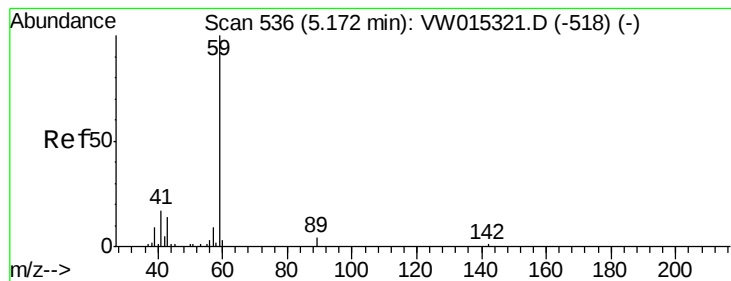
Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Tgt Ion:	142	Resp:	30228
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.9	50.9
141	14.0	11.4	17.2





#11

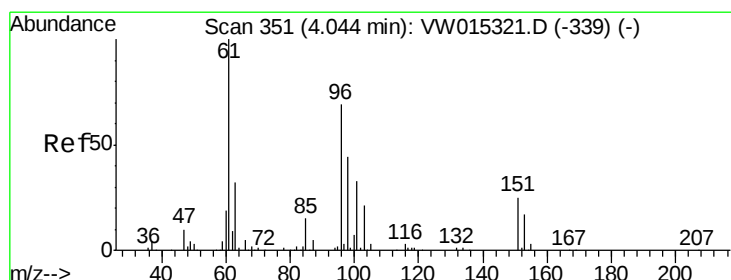
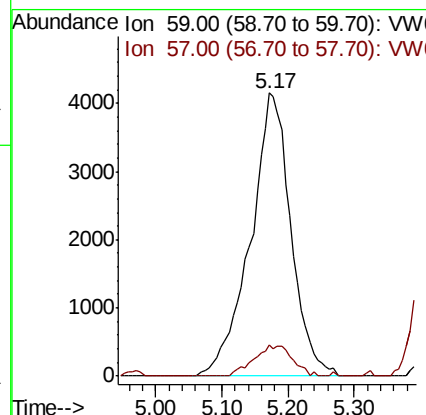
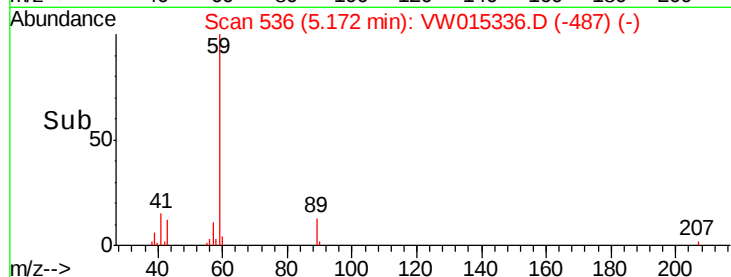
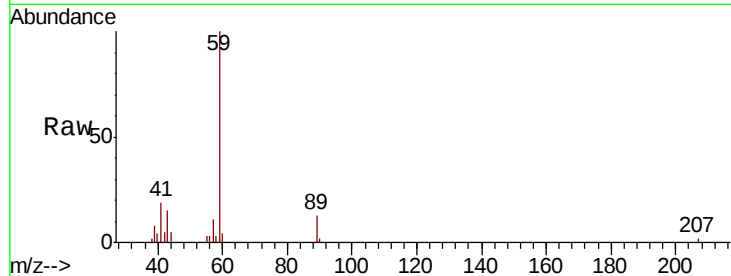
Tert butyl alcohol
Concen: 130.721 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBS01

Tot Ion	59	Resp	17637
Ion Ratio	100	Lower	Upper
57	10.3	8.4	12.6

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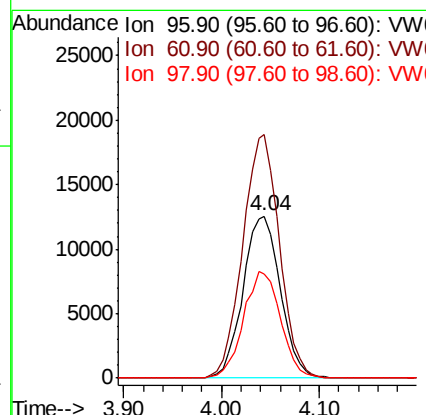
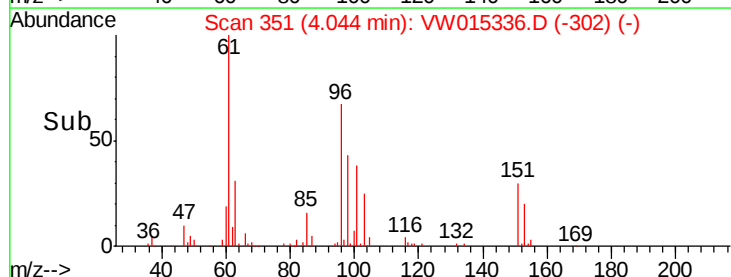
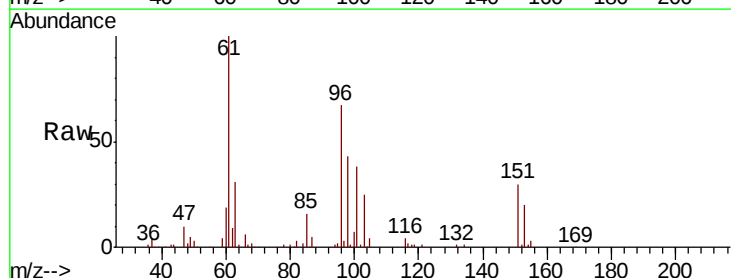
apatel
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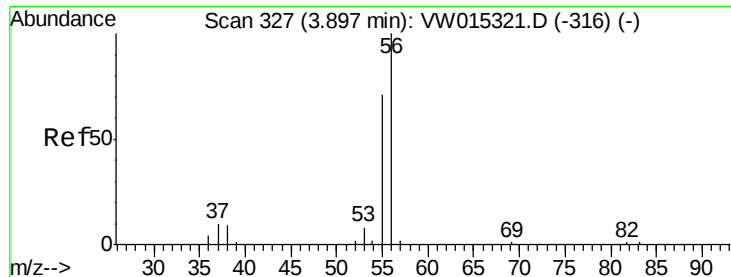


#12

1,1-Dichloroethene
Concen: 19.345 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion	96	Resp	33397
Ion Ratio	100	Lower	Upper
61	150.1	127.0	190.4
98	64.5	51.0	76.4





#13

Acrolein

Concen: 147.768 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBSD01

Tot Ion: 56 Resp: 10435

Ion Ratio Lower Upper

56 100

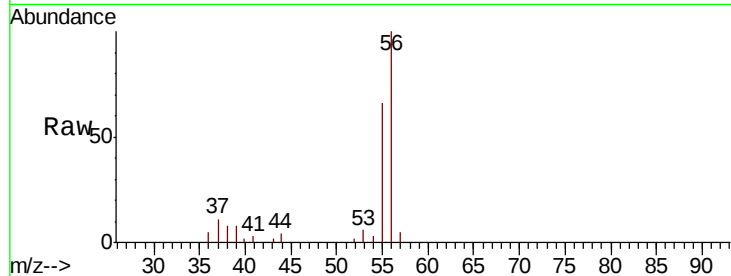
55 72.7 56.2 84.2

Manual Integrations

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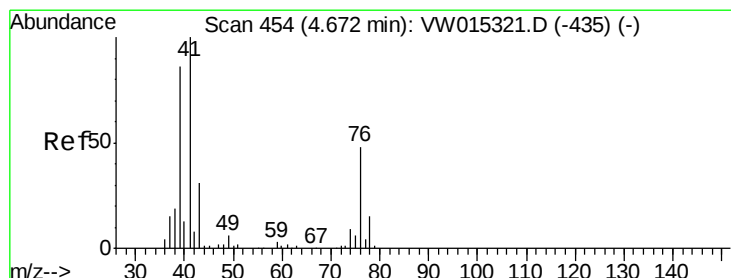
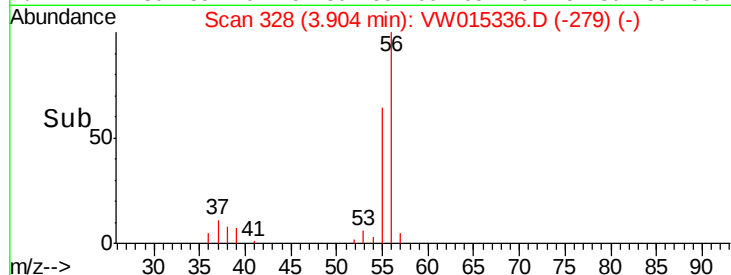
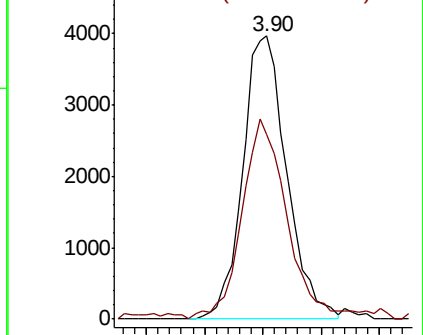
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 18.573 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

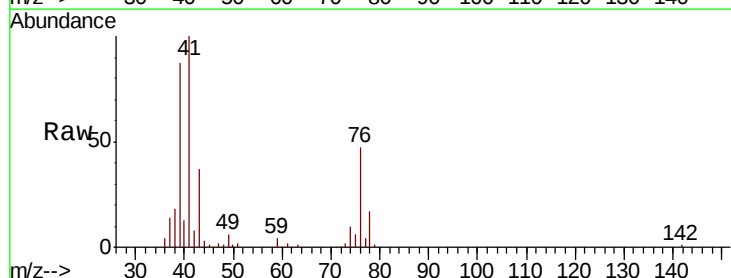
Tgt Ion: 41 Resp: 42537

Ion Ratio Lower Upper

41 100

39 81.5 54.0 81.0#

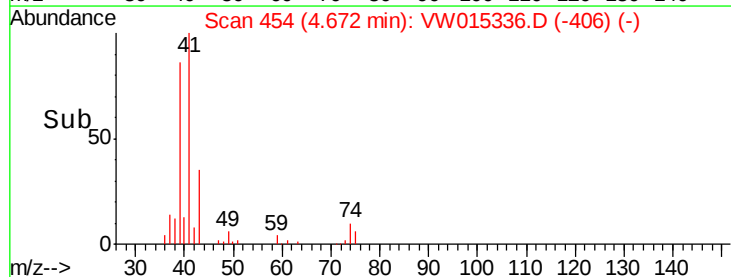
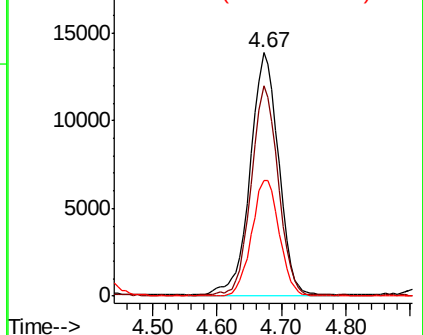
76 45.3 31.8 47.6

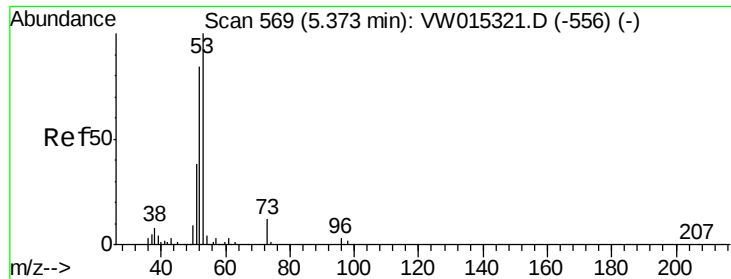


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 111.572 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

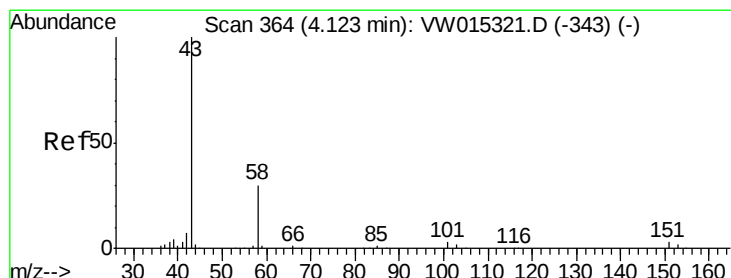
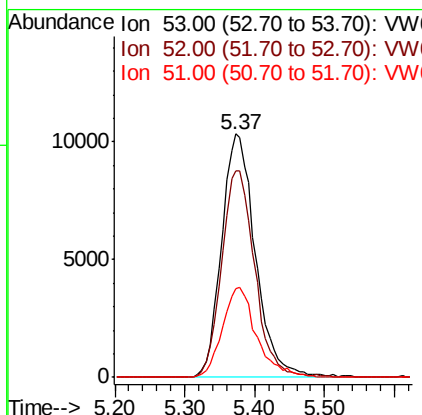
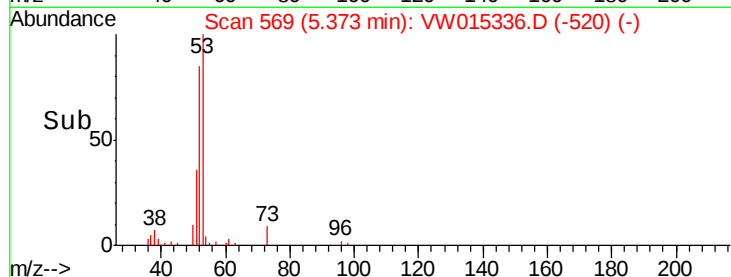
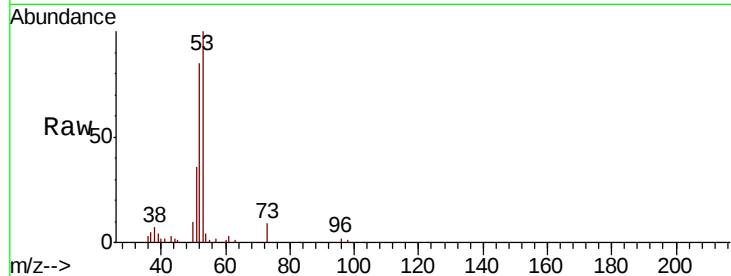
ClientSampleId :

VW0424SBS01

Tot Ion:	53	Resp:	34663
Ion Ratio	Lower	Upper	
53	100		
52	82.9	65.2	97.8
51	37.4	28.2	42.4

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#16

Acetone

Concen: 115.320 ug/l

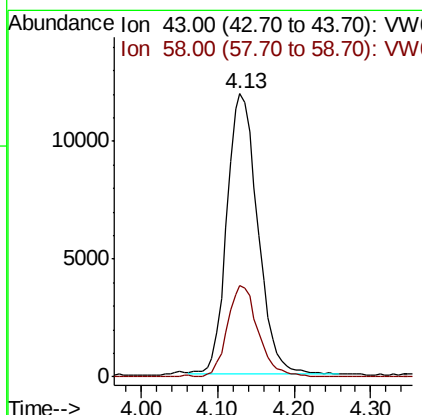
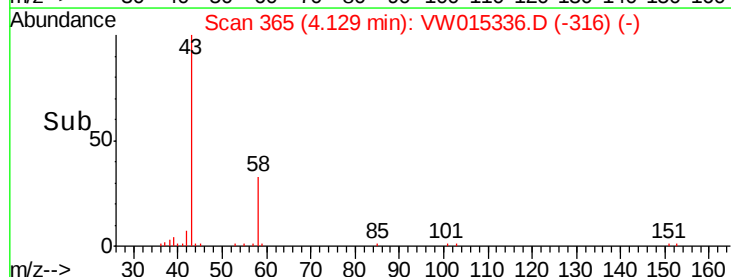
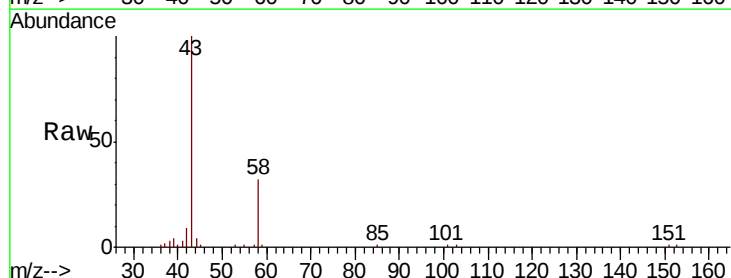
RT: 4.13 min Scan# 365

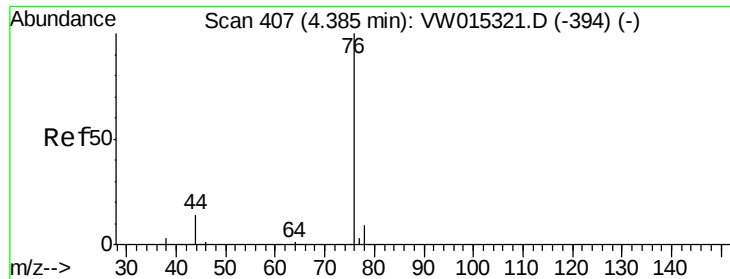
Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Tgt Ion:	43	Resp:	33338
Ion Ratio	Lower	Upper	
43	100		
58	32.4	27.0	40.4





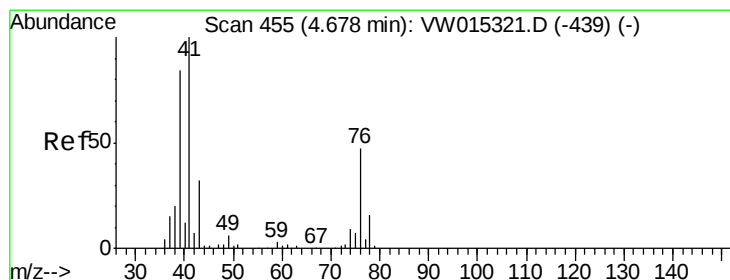
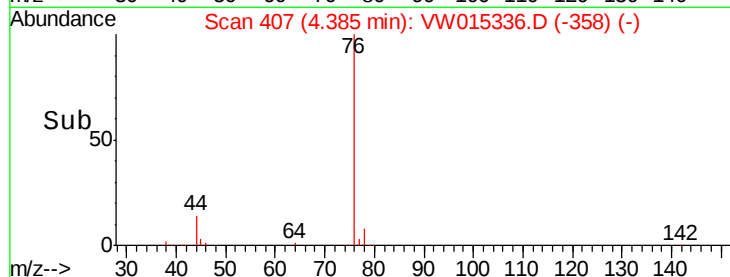
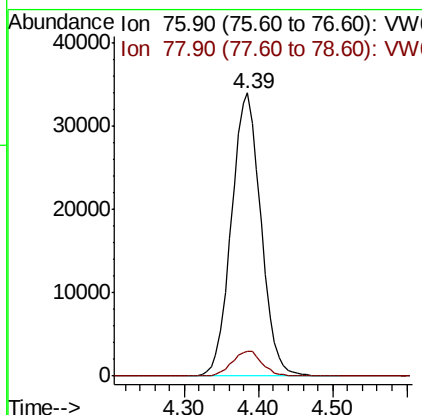
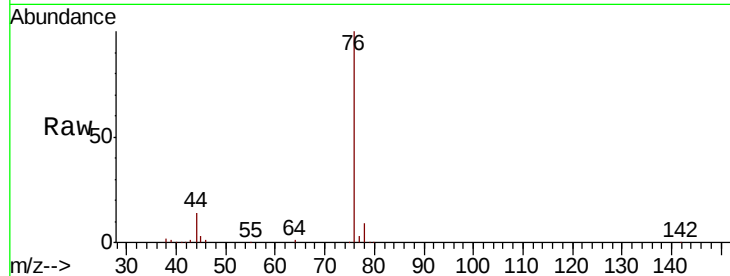
#17
Carbon Disulfide
Concen: 18.350 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

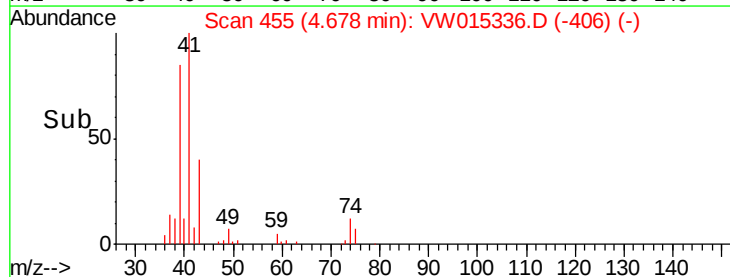
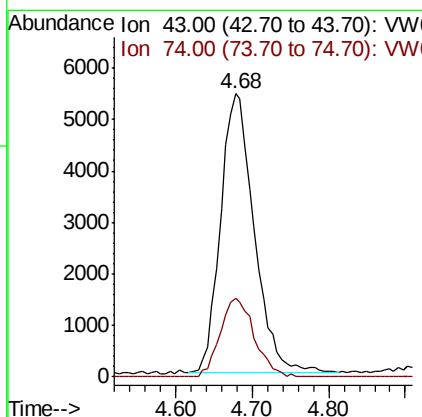
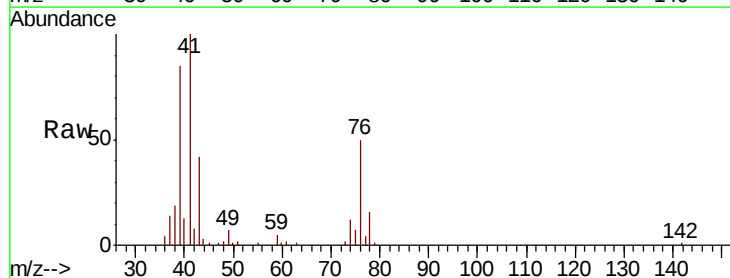
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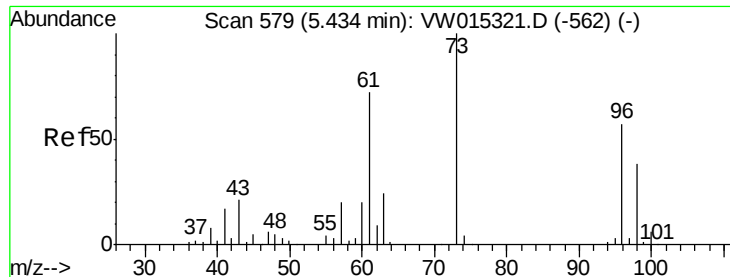
apatel
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#18
Methyl Acetate
Concen: 21.598 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.4	20.6	31.0





#19

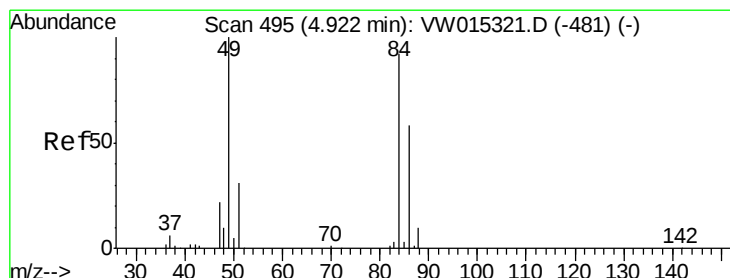
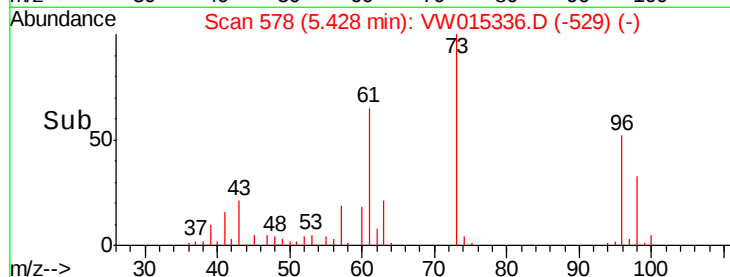
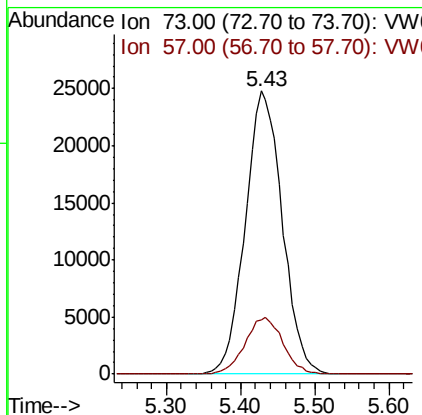
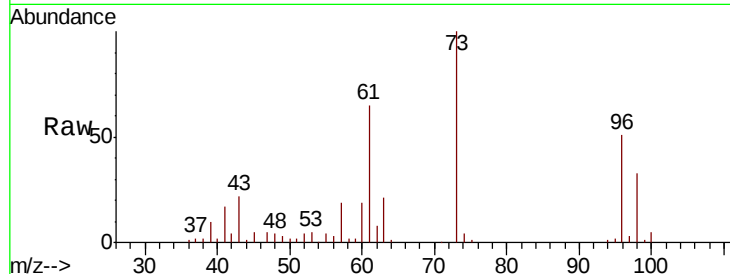
Methyl tert-butyl Ether
 Concen: 21.764 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.4	17.8	26.6

Manual Integrations
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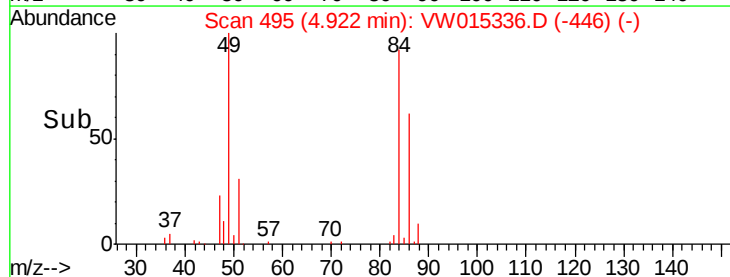
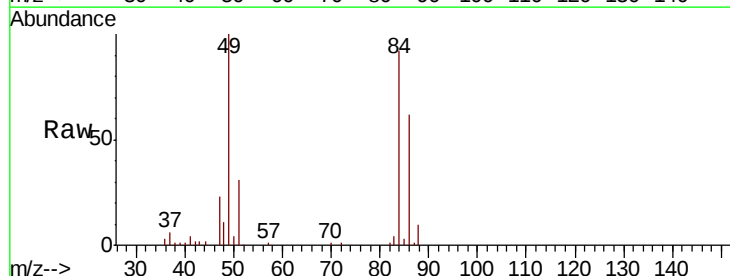
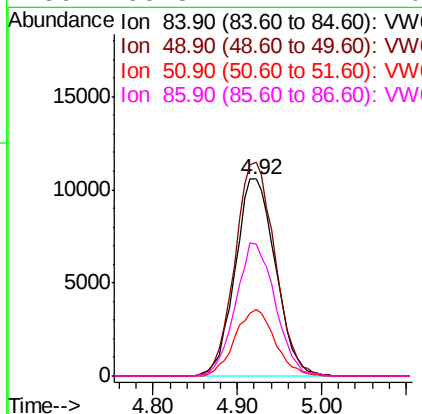
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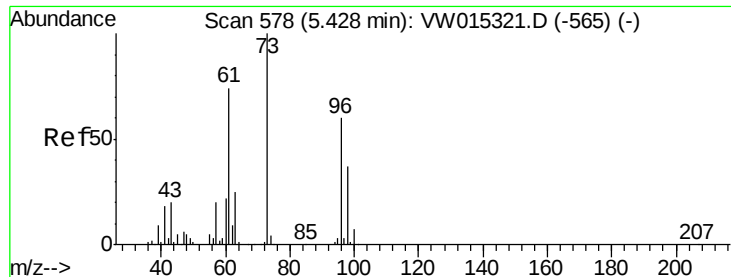


#20

Methylene Chloride
 Concen: 18.110 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.4	95.4	143.0
51	34.0	29.8	44.8
86	66.8	47.4	71.0





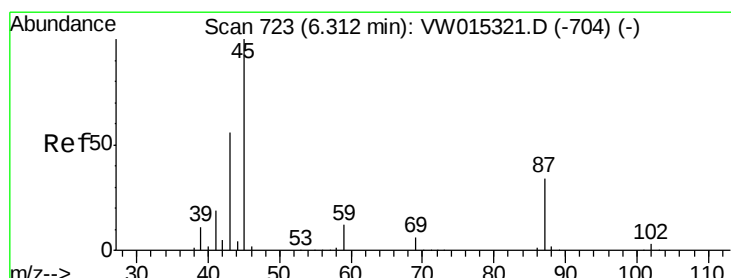
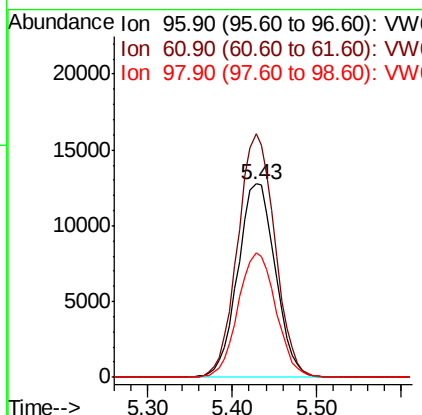
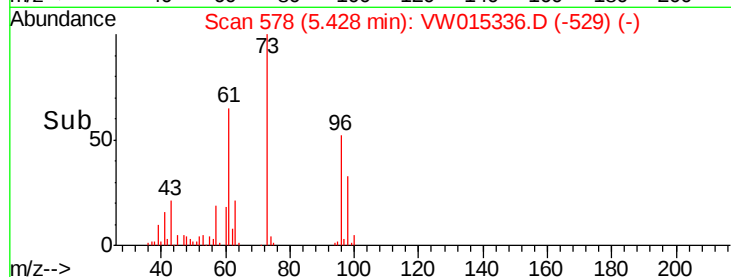
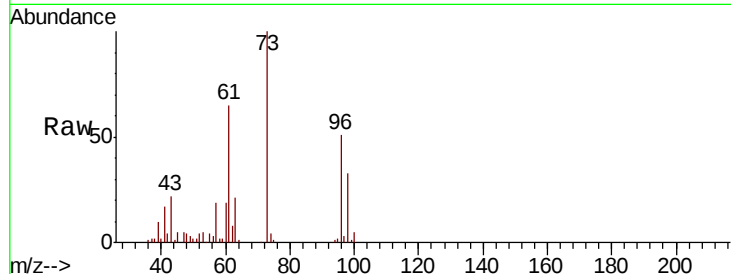
#21
trans-1,2-Dichloroethene
Concen: 19.724 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.9	107.8	161.6
98	64.1	50.2	75.2

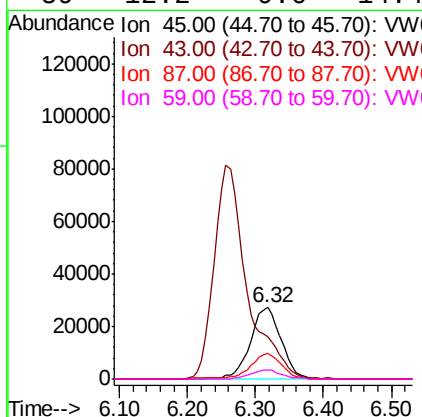
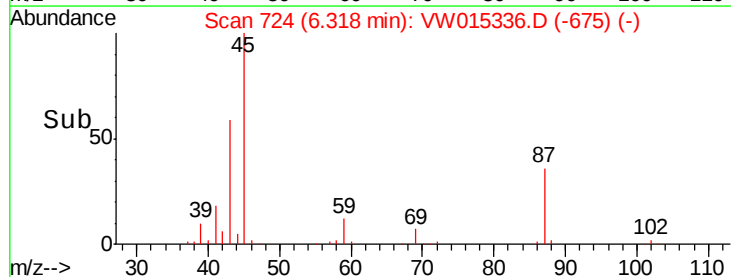
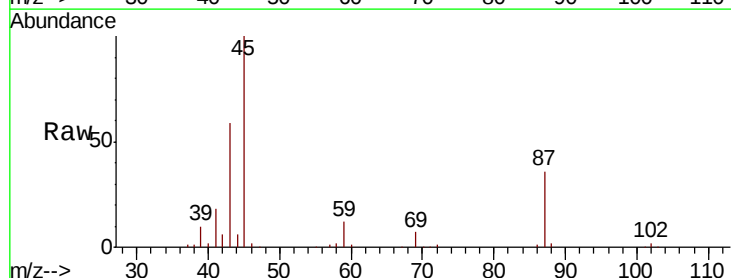
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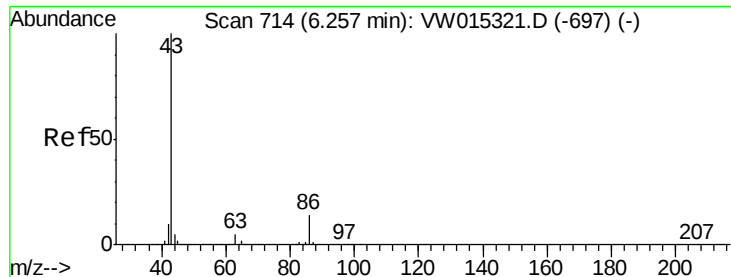
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#22
Diisopropyl ether
Concen: 19.565 ug/l
RT: 6.32 min Scan# 724
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.3	41.8	62.6
87	36.0	23.2	34.8#
59	12.2	9.6	14.4





#23

Vinyl Acetate

Concen: 106.350 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBS01

Tot Ion: 43 Resp: 274200

Ion Ratio Lower Upper

43 100

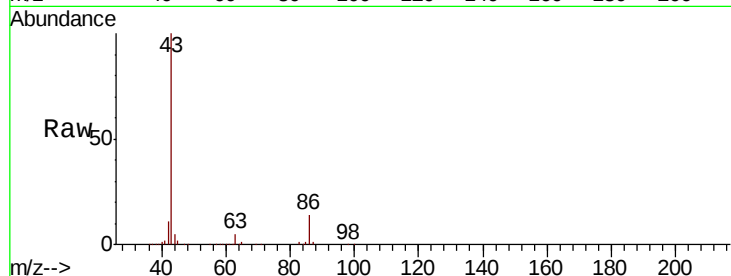
86 13.8 9.1 13.7#

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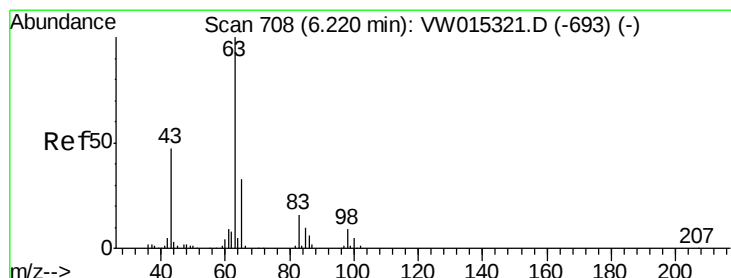
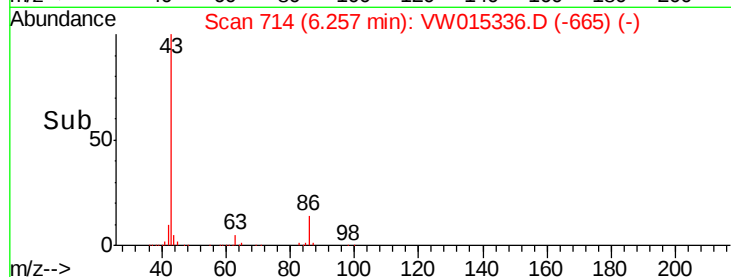
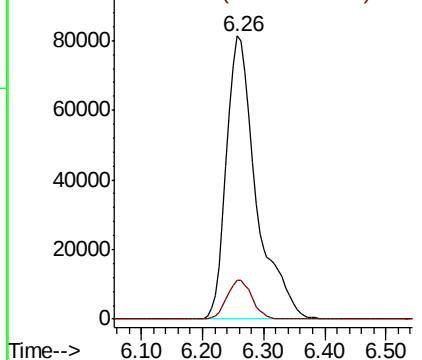
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.248 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

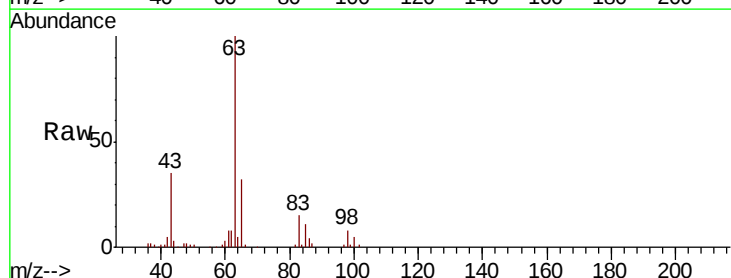
Tgt Ion: 63 Resp: 58611

Ion Ratio Lower Upper

63 100

98 8.1 3.6 10.9

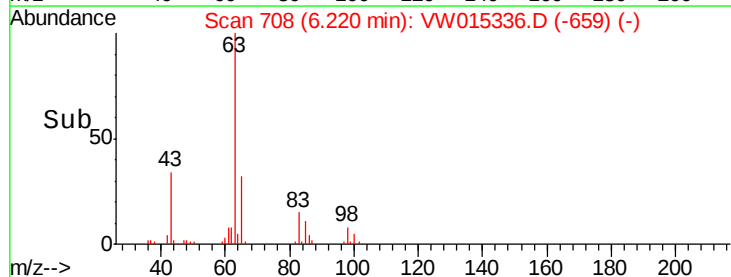
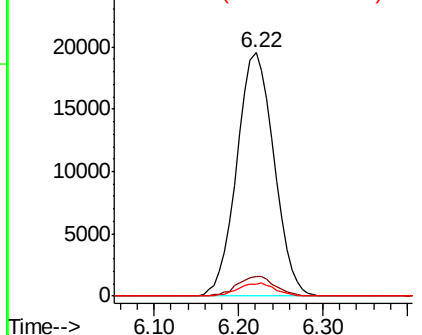
100 5.1 2.4 7.2

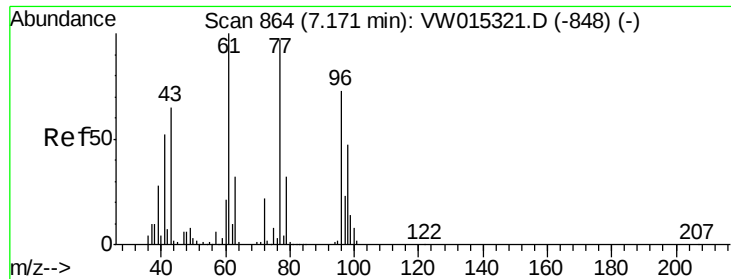


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 116.197 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBS01

Tot Ion: 43 Resp: 44567

Ion Ratio Lower Upper

43 100

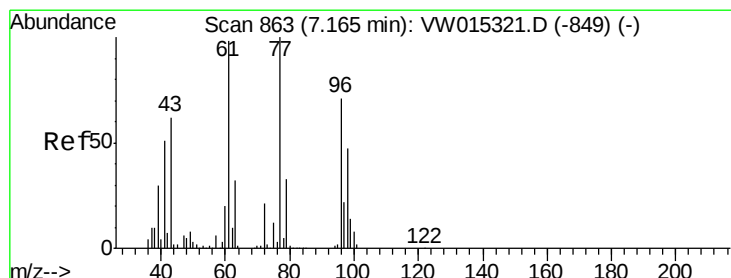
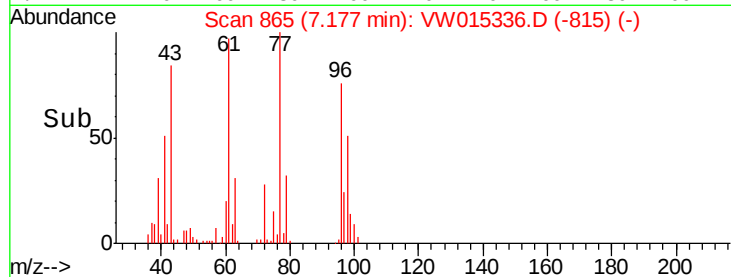
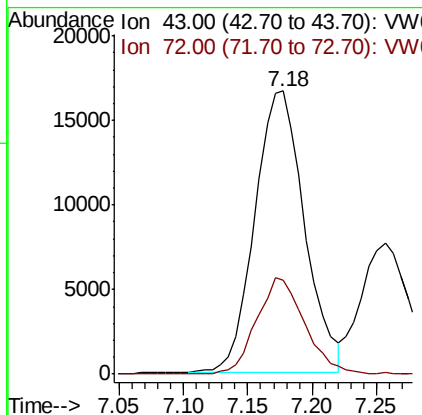
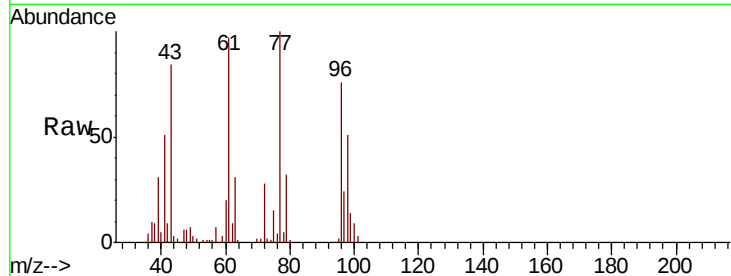
72 33.3 21.6 32.4#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.738 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015336.D

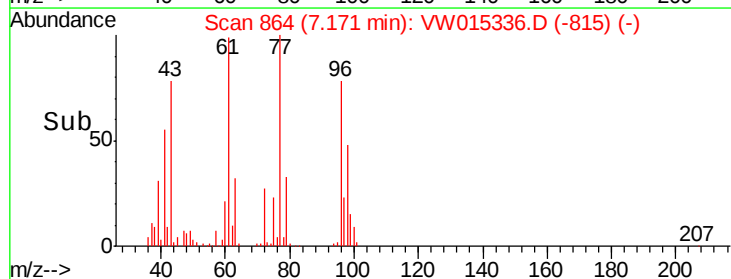
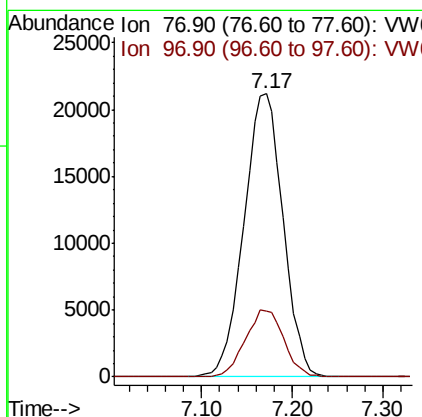
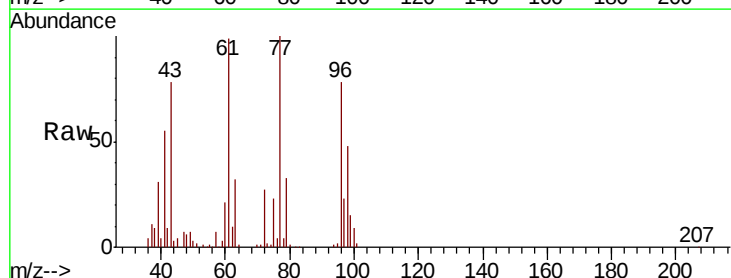
Acq: 24 Apr 2020 12:14

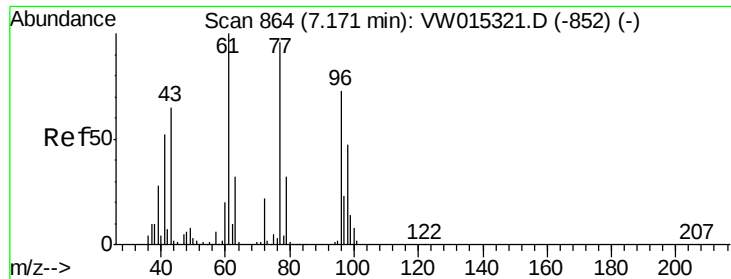
Tgt Ion: 77 Resp: 63229

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.5





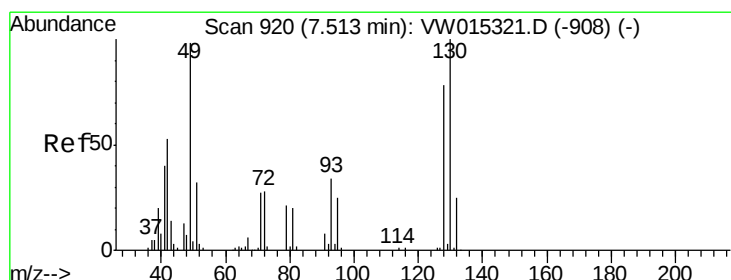
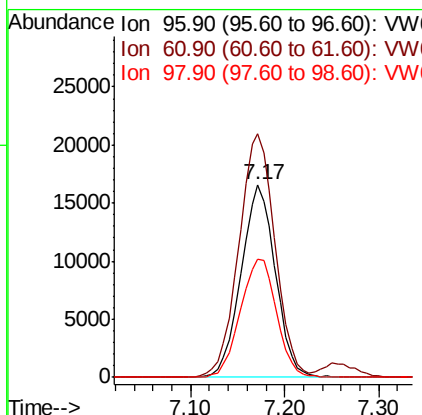
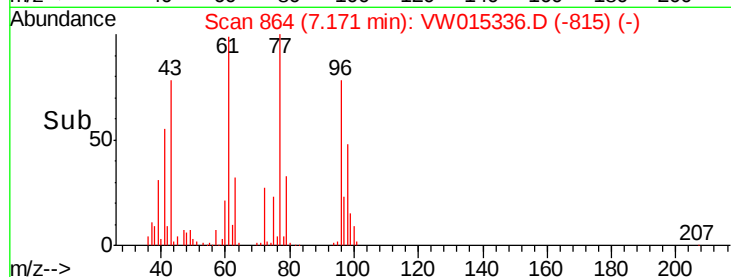
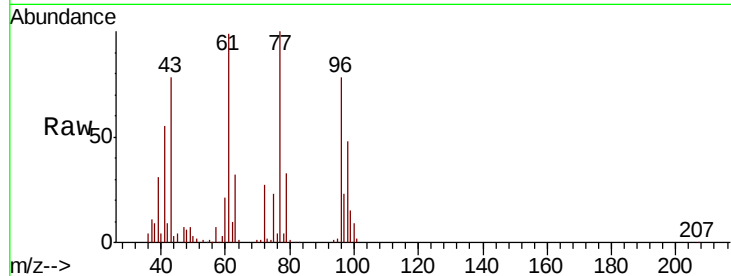
#27
 cis-1,2-Dichloroethene
 Concen: 19.945 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.6	0.0	275.0
98	64.6	0.0	130.8

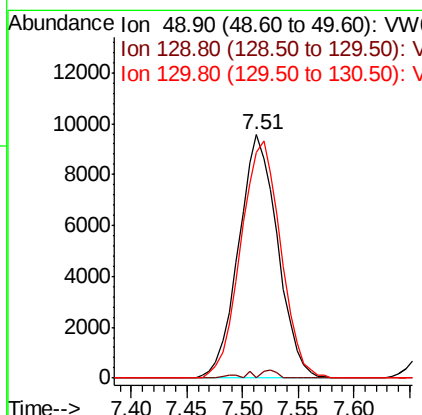
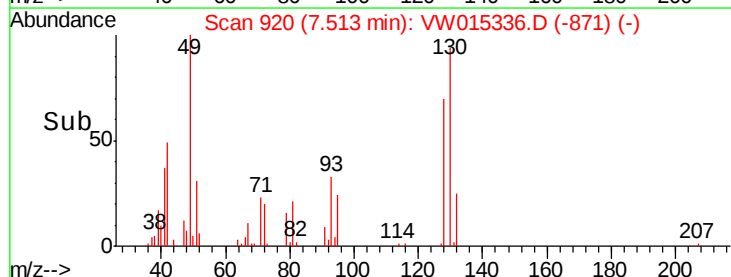
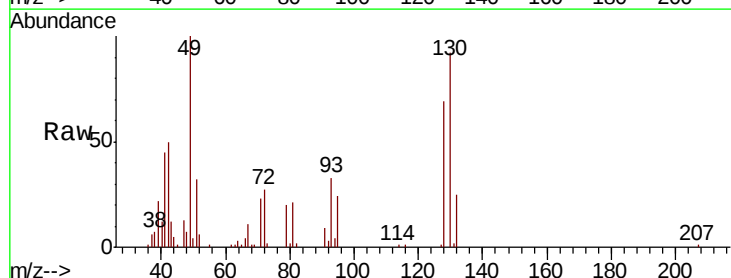
Manual Integrations
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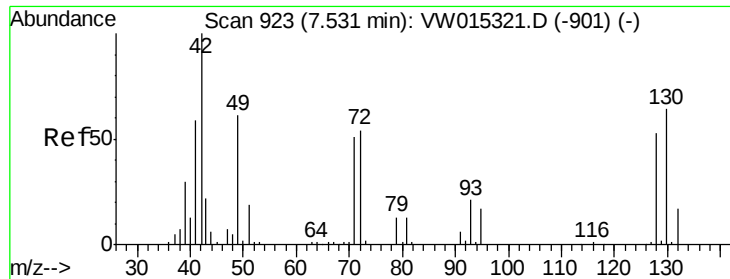
apatel
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#28
 Bromochloromethane
 Concen: 20.992 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.6
130	100.0	60.9	91.3#





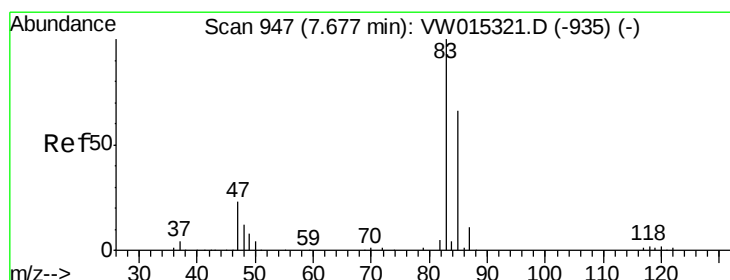
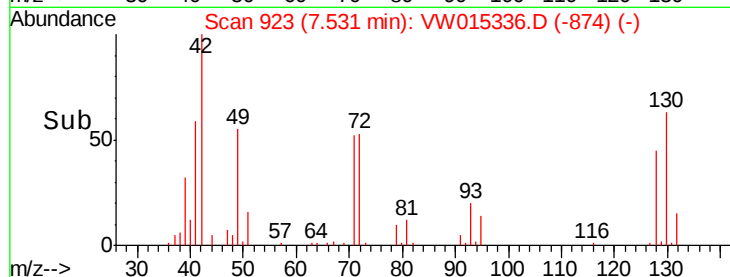
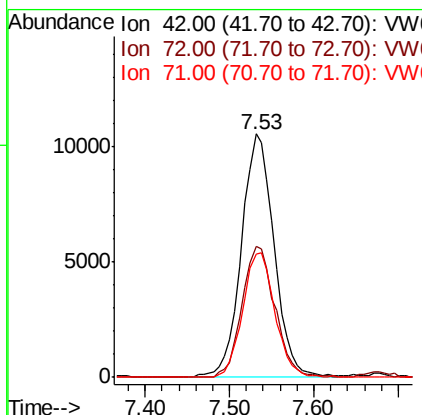
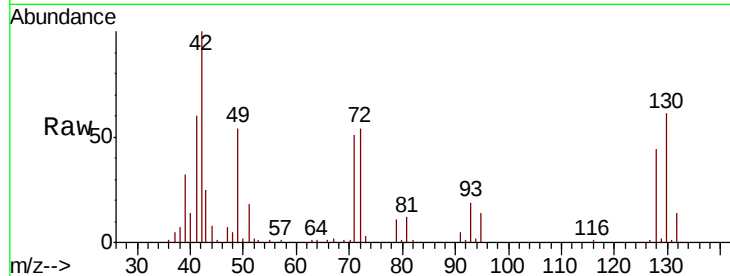
#29
Tetrahydrofuran
Concen: 116.314 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.7	36.2	54.2
71	50.3	34.2	51.4

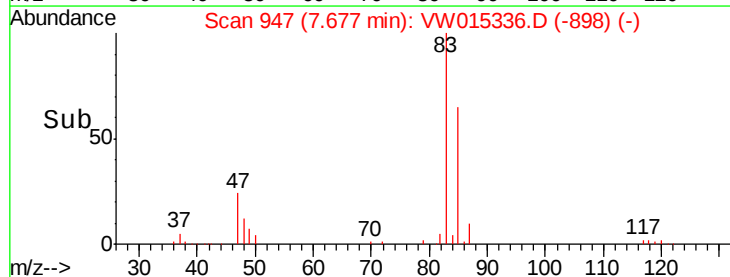
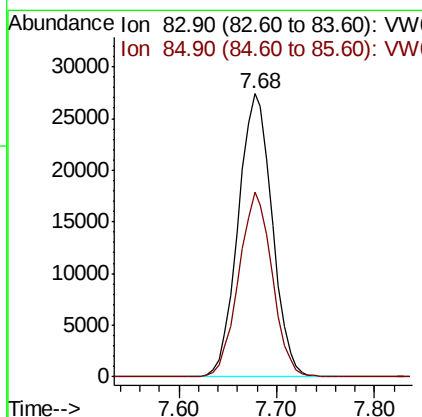
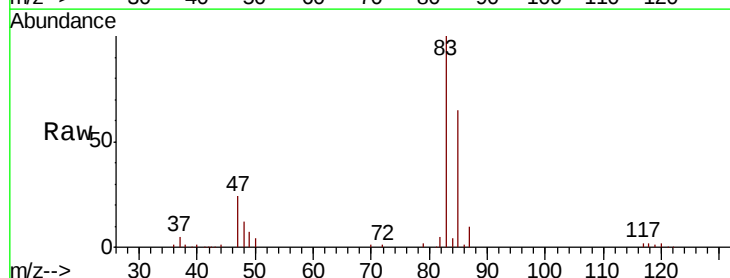
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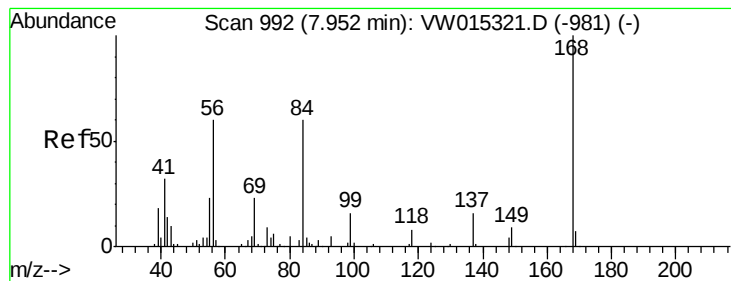
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#30
Chloroform
Concen: 20.060 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.9	76.3





#31

Cyclohexane

Concen: 19.289 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

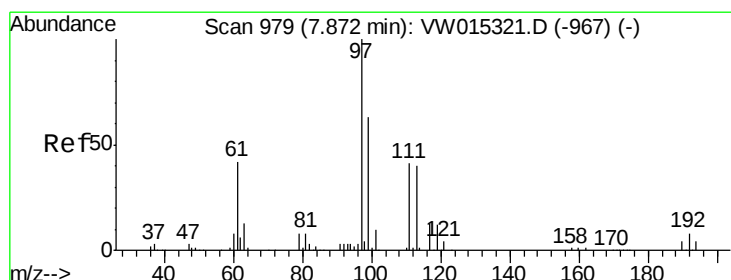
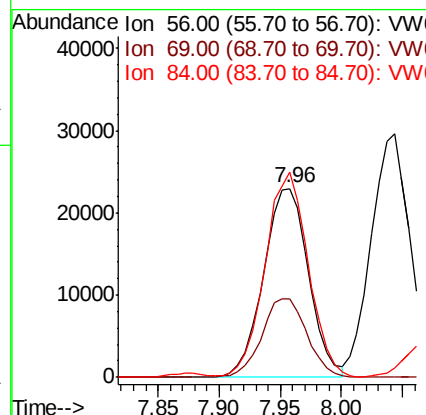
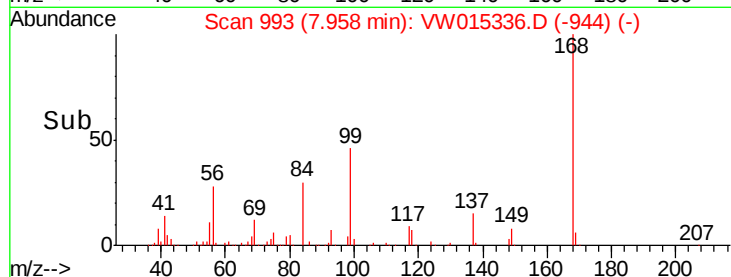
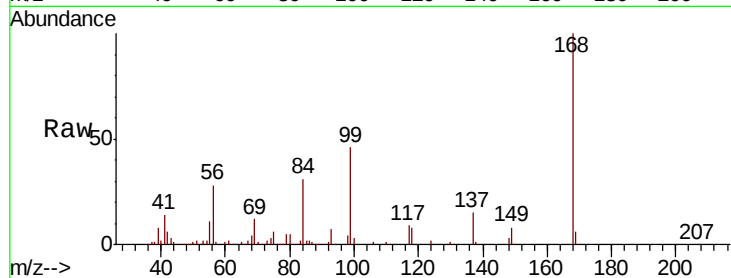
ClientSampleId :

VW0424SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.3	27.1	40.7#
84	106.9	71.9	107.9

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#32

1,1,1-Trichloroethane

Concen: 20.321 ug/l

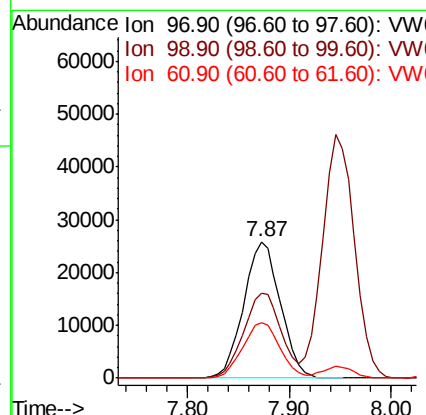
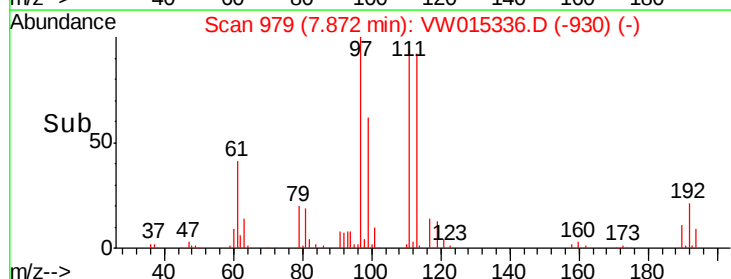
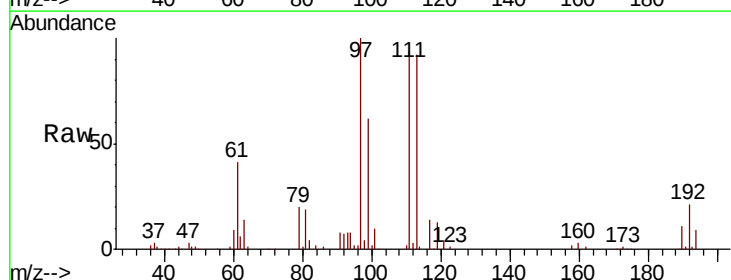
RT: 7.87 min Scan# 979

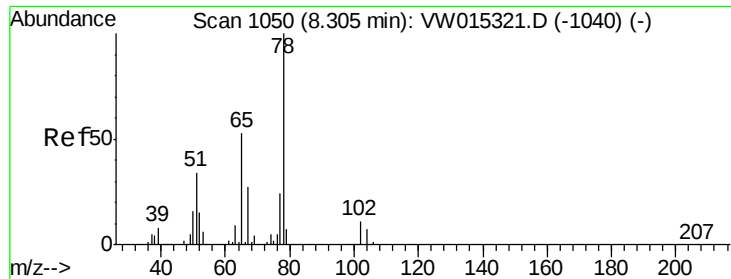
Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.2	78.2
61	41.4	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 53.717 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampled :

VW0424SBS01

Tot Ion: 65 Resp: 88909

Ion Ratio Lower Upper

65 100

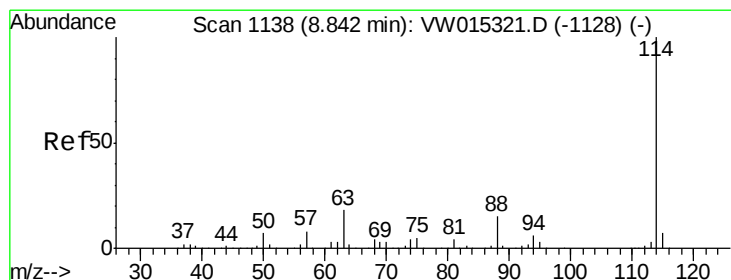
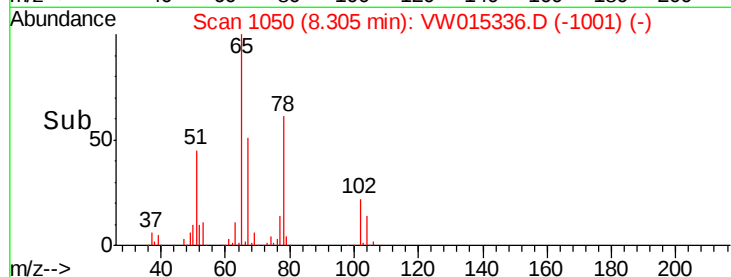
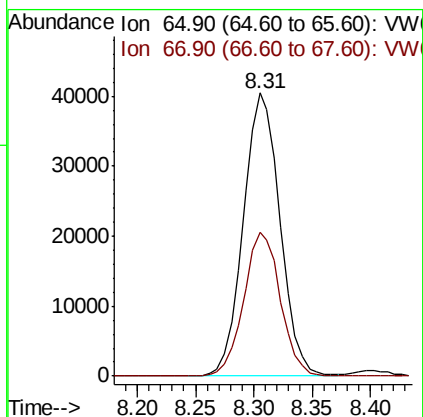
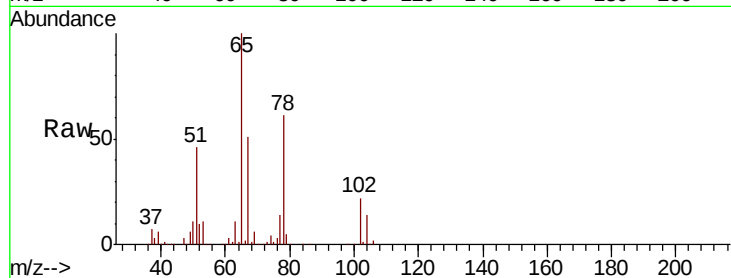
67 50.9 0.0 107.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

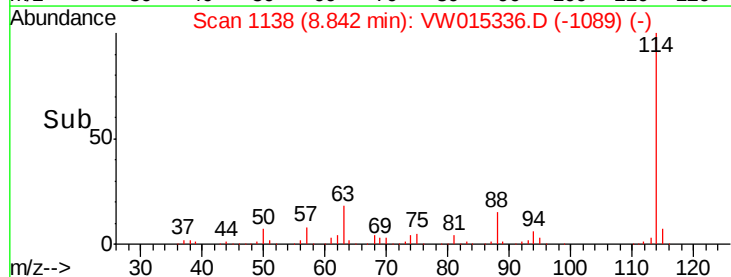
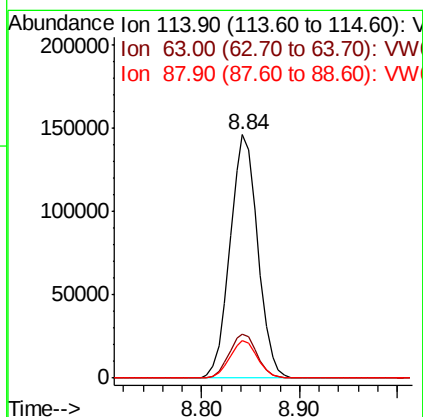
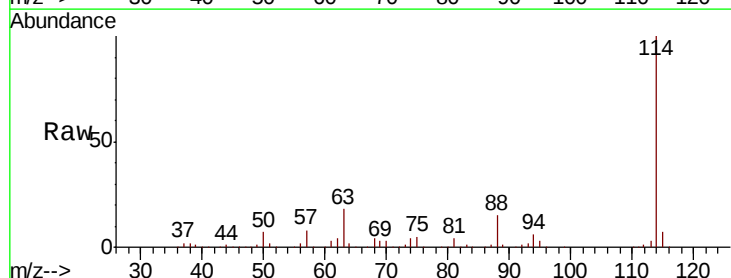
Tgt Ion: 114 Resp: 285859

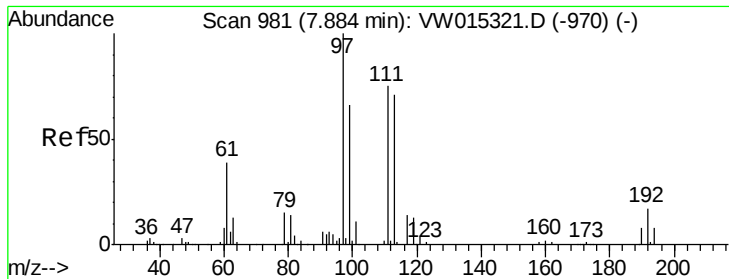
Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.8

88 15.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.643 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

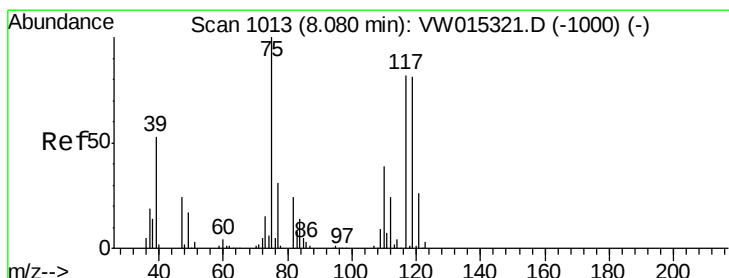
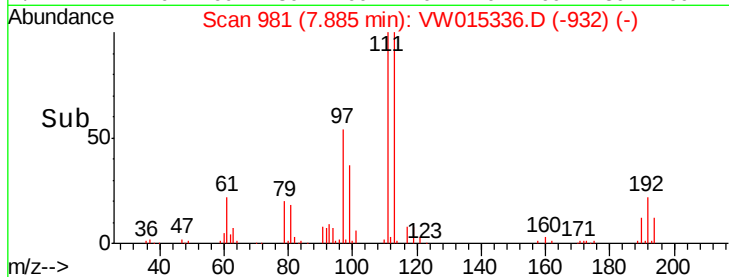
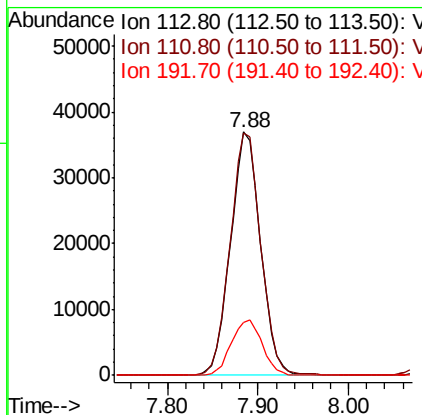
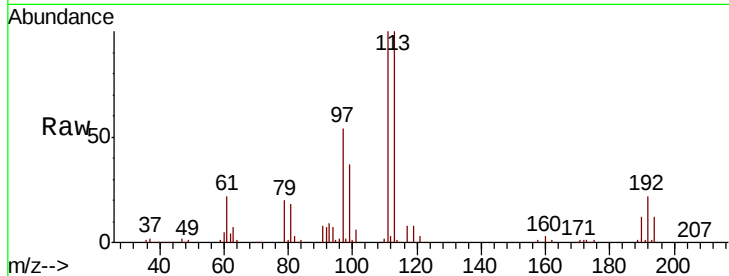
ClientSampleId :

VW0424SBS01

Tot Ion:	113	Resp:	84940
Ion Ratio	Lower	Upper	
113	100		
111	101.4	83.0	124.4
192	23.4	15.1	22.7#

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.502 ug/l

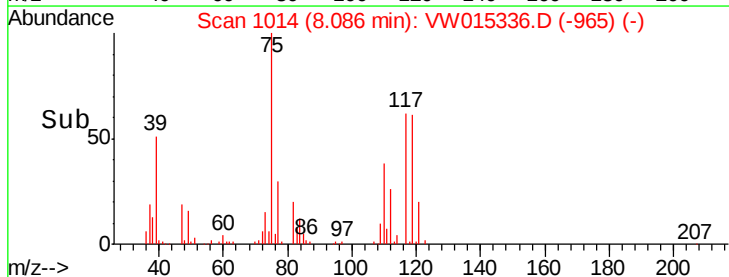
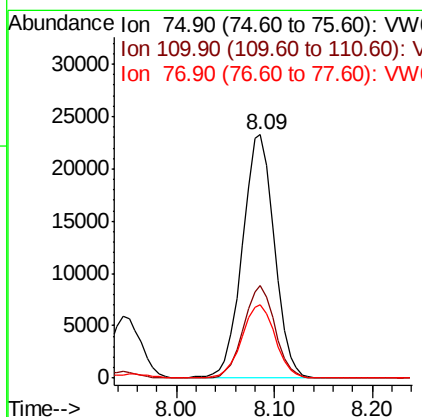
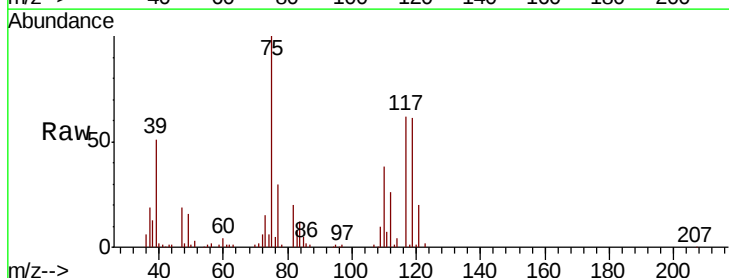
RT: 8.09 min Scan# 1014

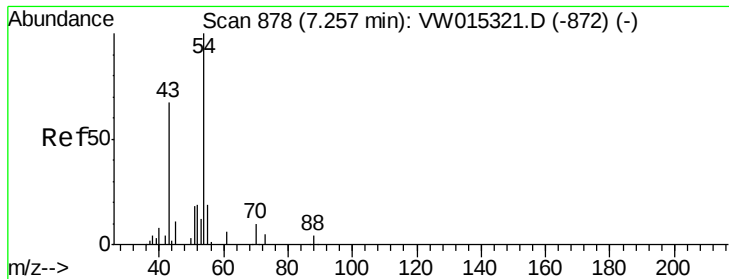
Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Tgt Ion:	75	Resp:	52897
Ion Ratio	Lower	Upper	
75	100		
110	37.1	18.2	54.6
77	31.2	24.5	36.7





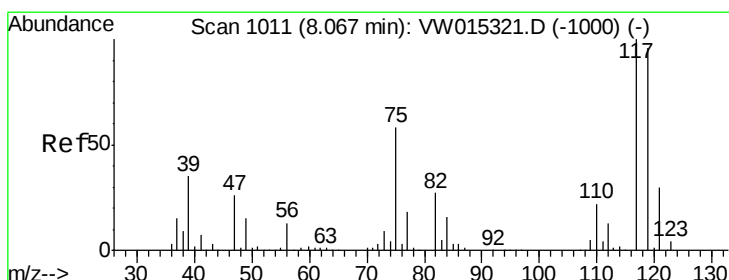
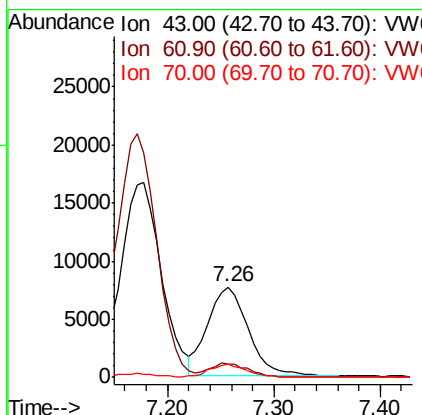
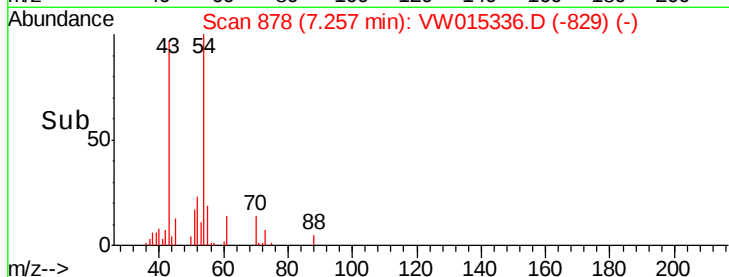
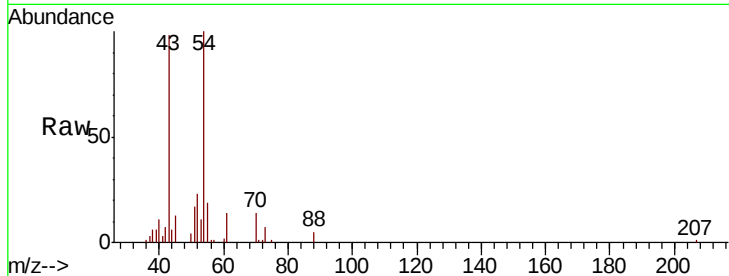
#37
Ethyl Acetate
Concen: 24.285 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.9	17.9
70	13.4	8.8	13.2

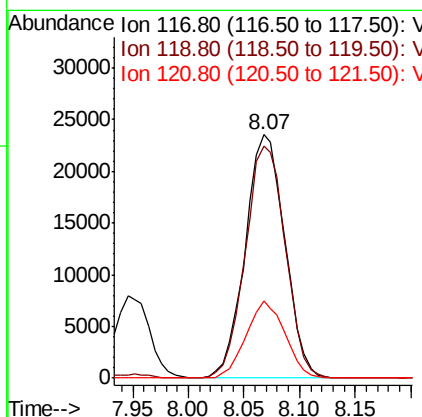
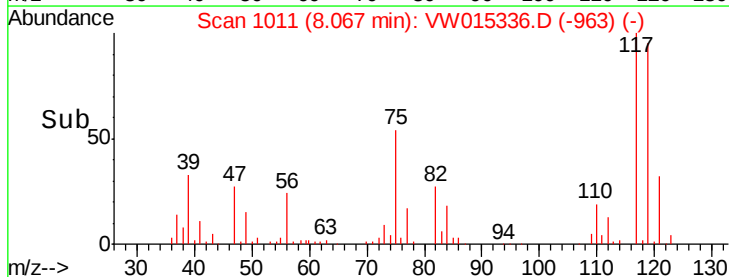
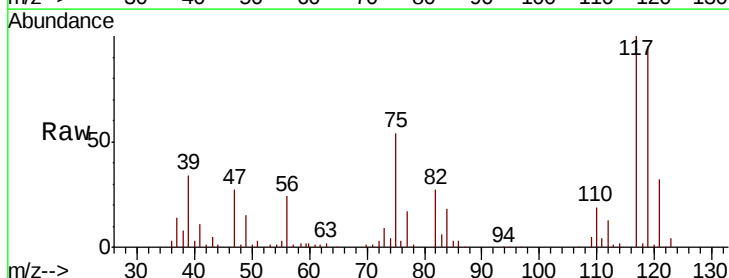
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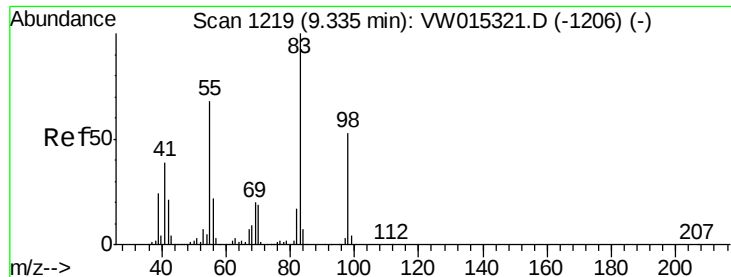
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#38
Carbon Tetrachloride
Concen: 20.680 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	72.3	108.5
121	31.8	23.7	35.5





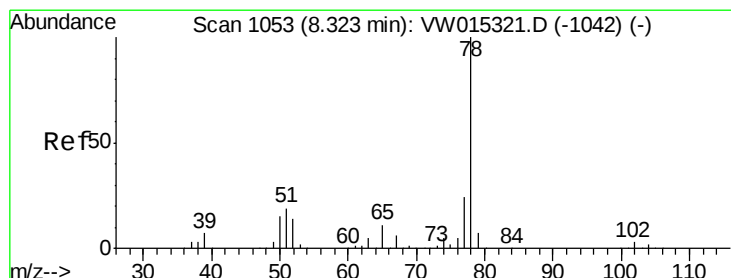
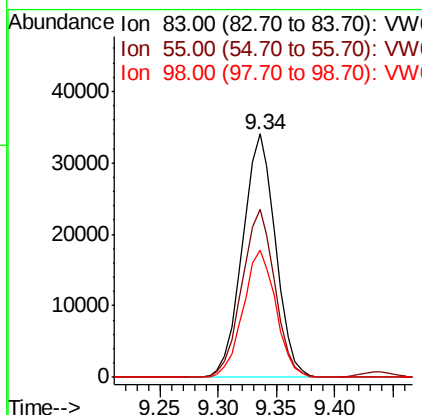
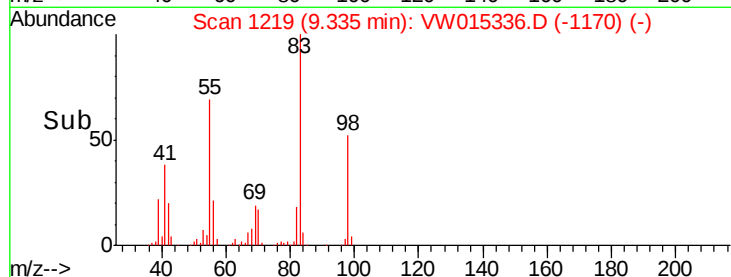
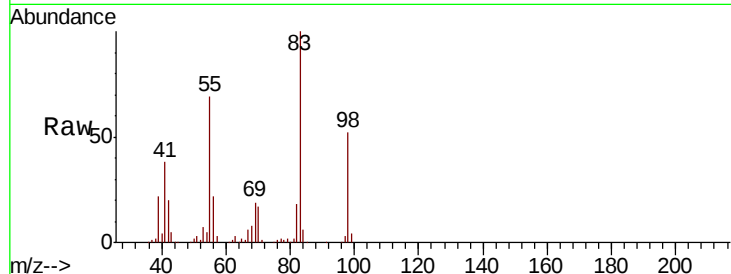
#39
Methvlcvclohexane
Concen: 19.590 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.9	58.1	87.1
98	52.2	40.2	60.4

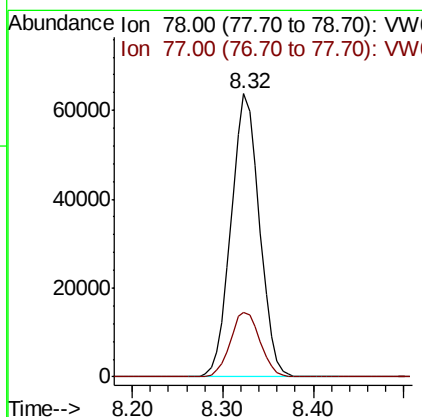
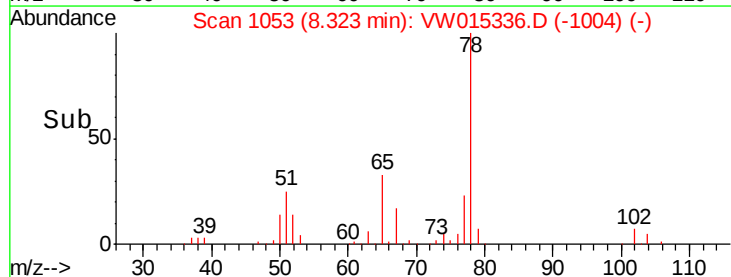
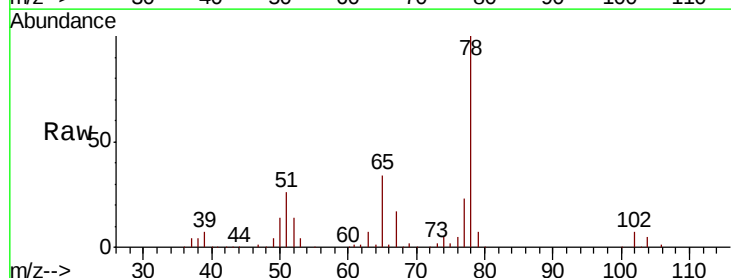
Manual Integrations
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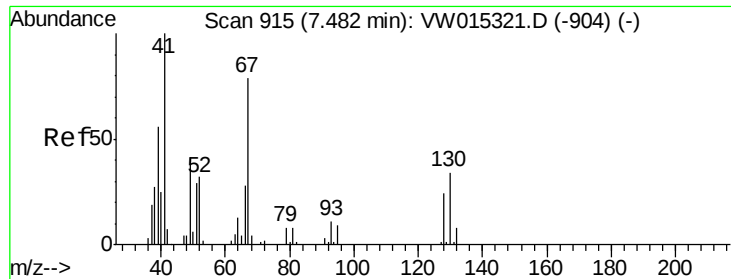
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#40
Benzene
Concen: 20.057 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.2	27.2





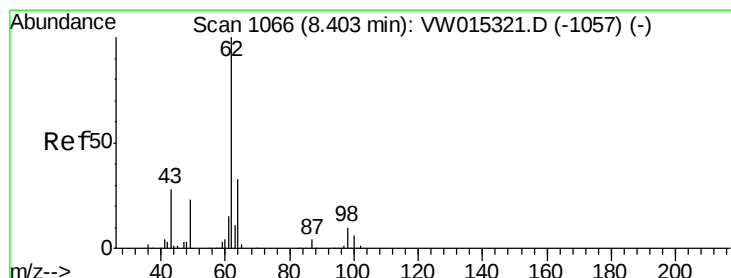
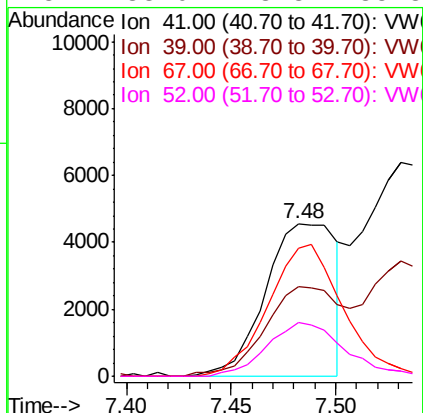
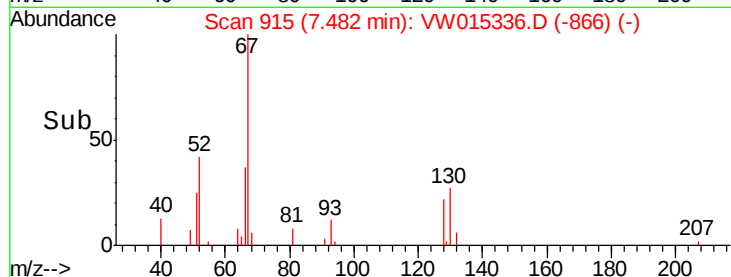
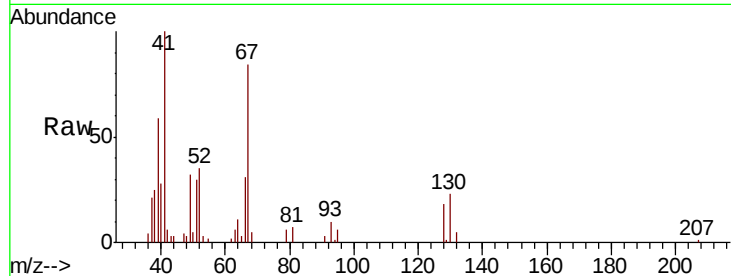
#41
Methacrylonitrile
Concen: 21.303 ug/l m
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.6	41.9	62.9#
67	91.8	60.6	91.0#
52	38.0	23.8	35.8#

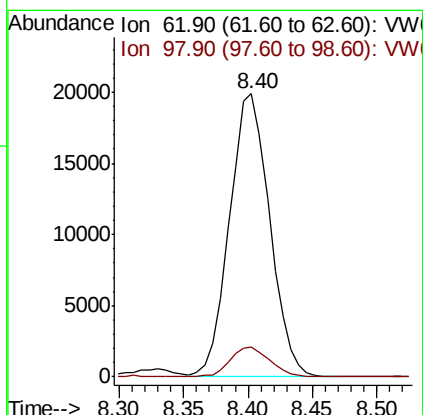
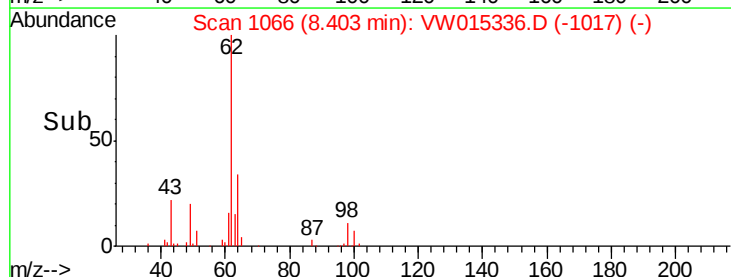
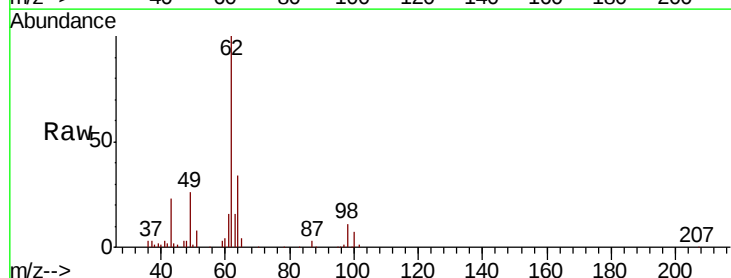
Manual Integrations
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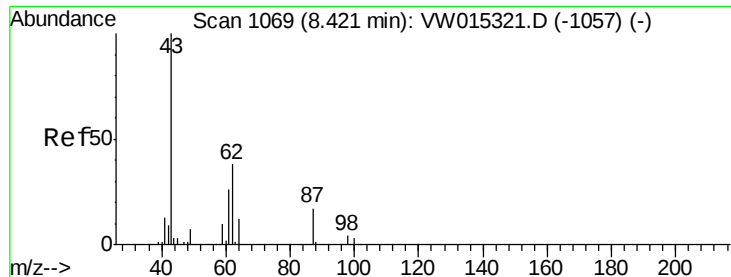
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#42
1,2-Dichloroethane
Concen: 21.290 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.4





#43

Isopropyl Acetate

Concen: 22.642 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

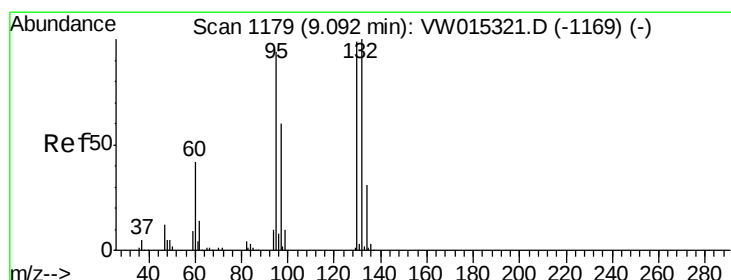
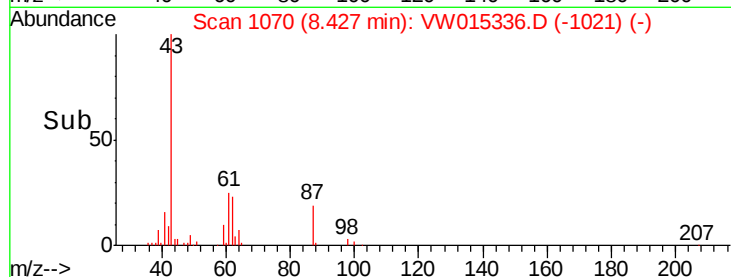
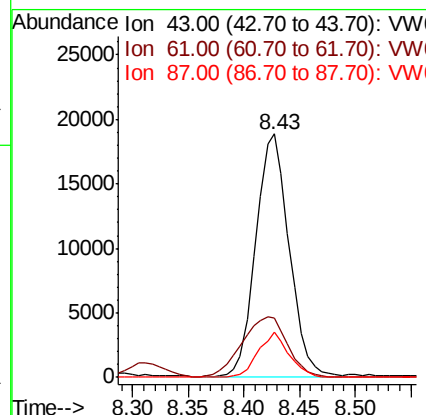
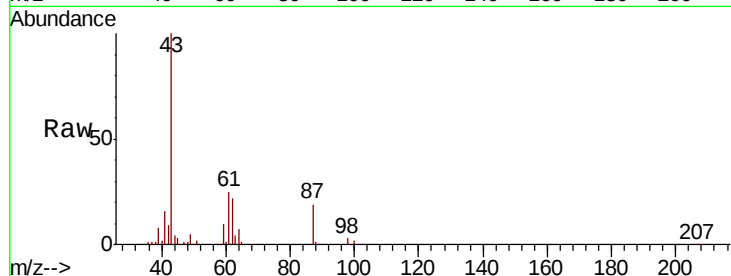
ClientSampleId :

VW0424SBS01

Tot Ion:	43	Resp:	39763
Ion	Ratio	Lower	Upper
43	100		
61	33.5	24.8	37.2
87	16.8	11.4	17.2

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#44

Trichloroethene

Concen: 20.986 ug/l

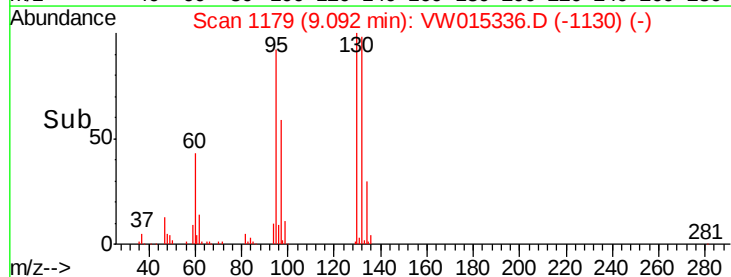
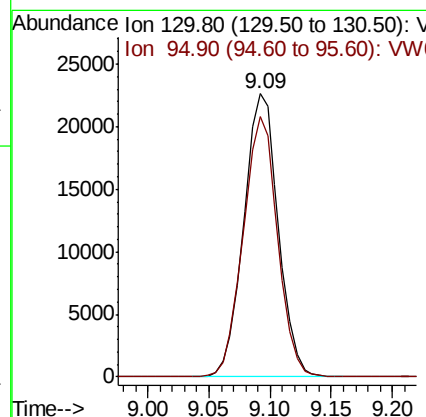
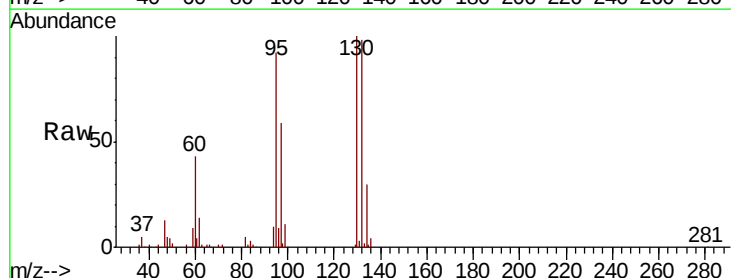
RT: 9.09 min Scan# 1179

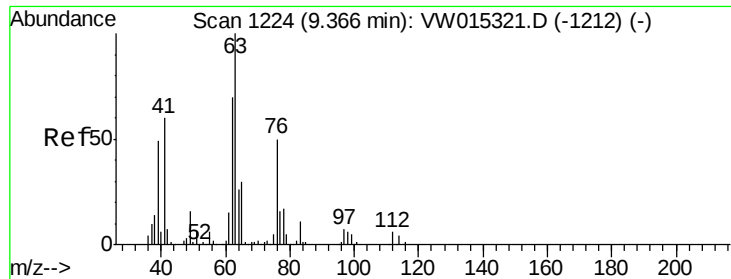
Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Tgt Ion:	130	Resp:	44241
Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	196.4





#45

1,2-Dichloropropane

Concen: 20.153 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBS01

Tot Ion: 63 Resp: 32300

Ion Ratio Lower Upper

63 100

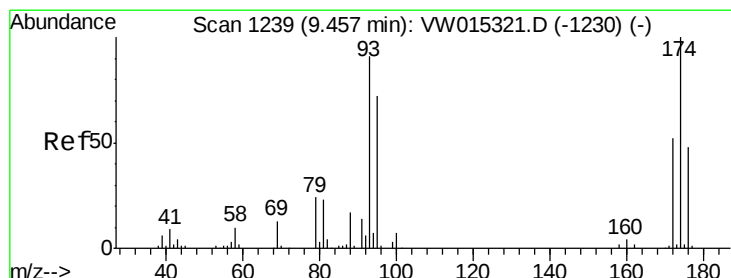
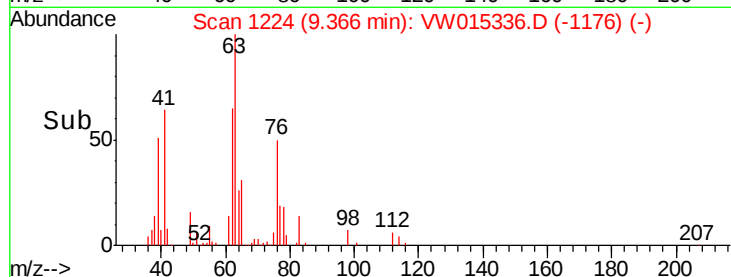
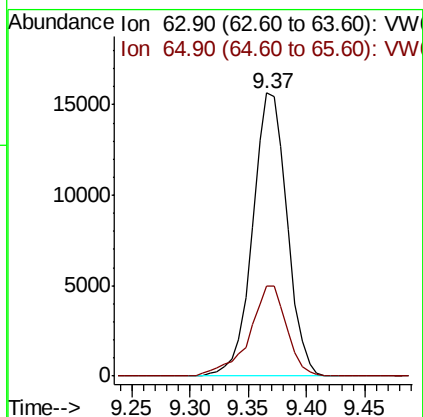
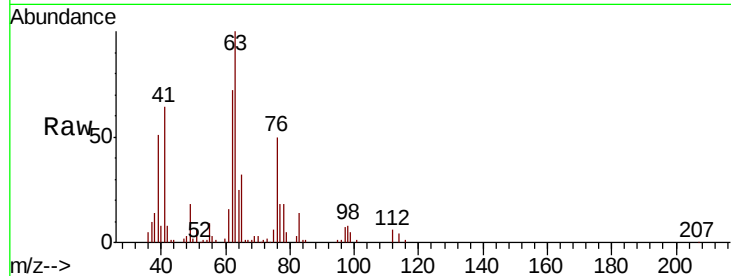
65 31.9 25.5 38.3

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#46

Dibromomethane

Concen: 21.718 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

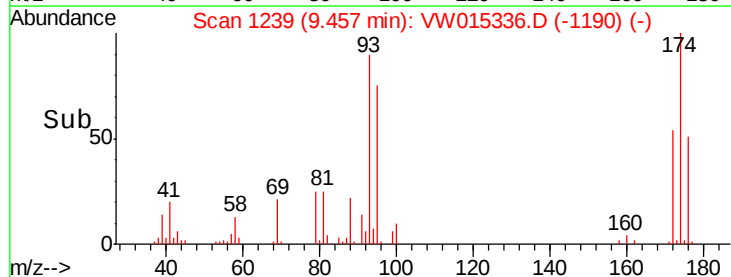
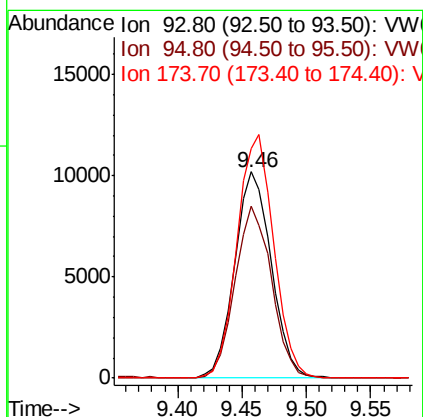
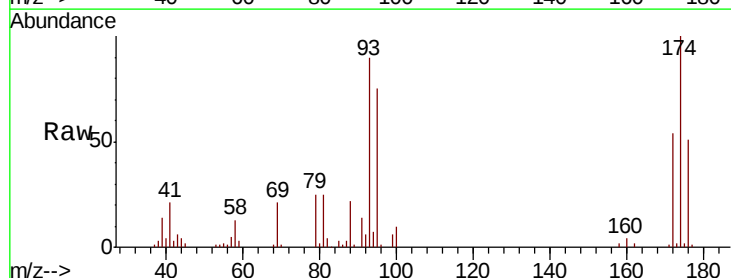
Tgt Ion: 93 Resp: 20135

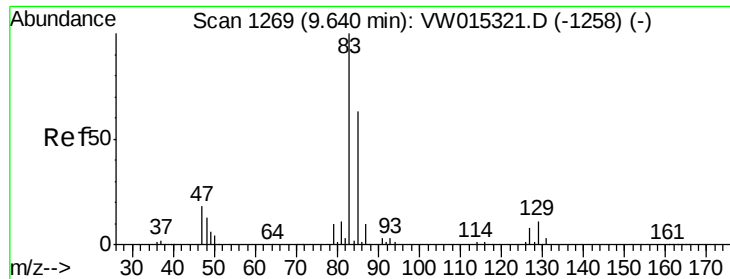
Ion Ratio Lower Upper

93 100

95 82.6 67.5 101.3

174 117.5 74.1 111.1#





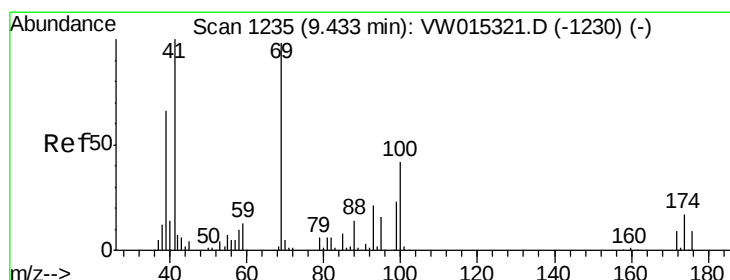
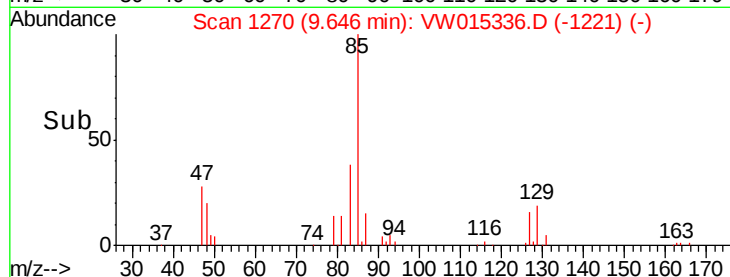
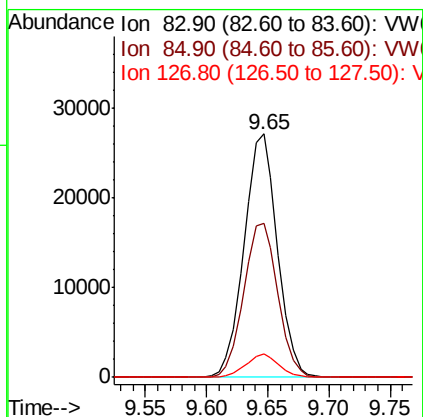
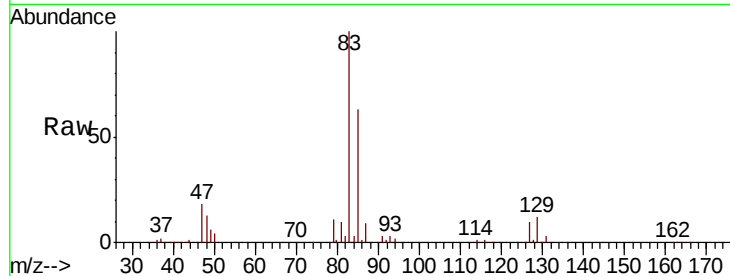
#47
Bromodichloromethane
Concen: 20.631 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	51132		
85	63.0		50.6	76.0
127	9.8		6.7	10.1

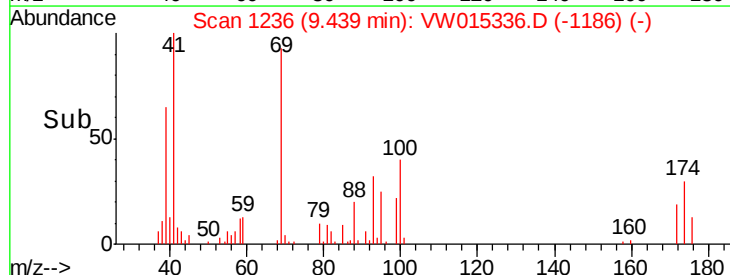
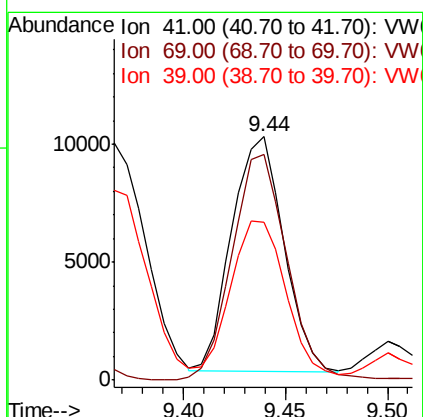
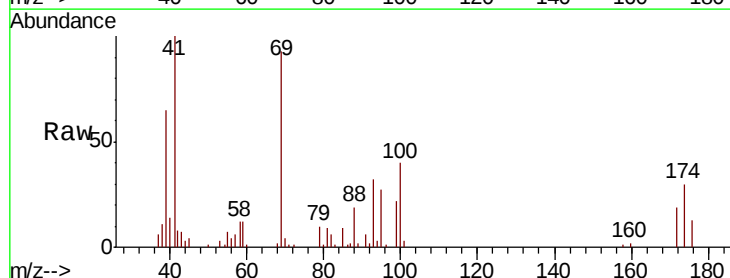
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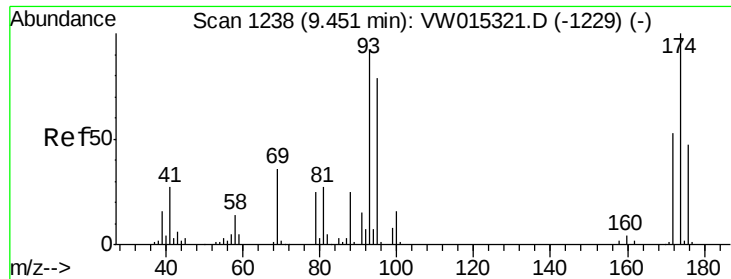
apatel
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#48
Methyl methacrylate
Concen: 21.265 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	17654		
69	102.2		70.6	105.8
39	68.4		42.6	64.0#





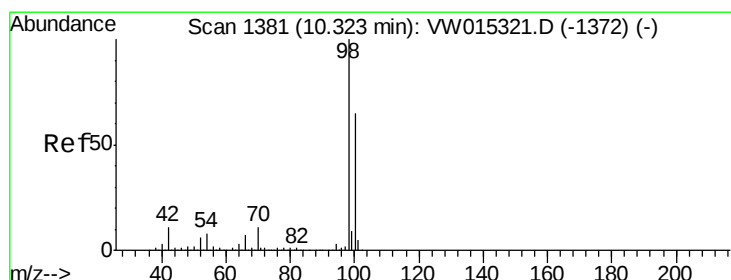
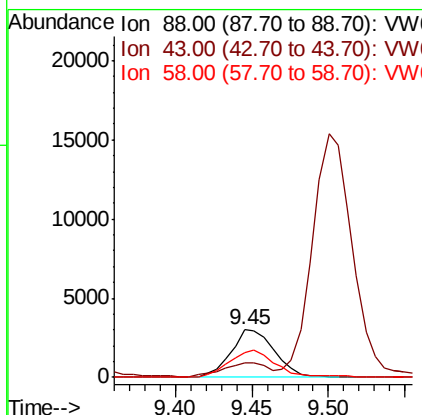
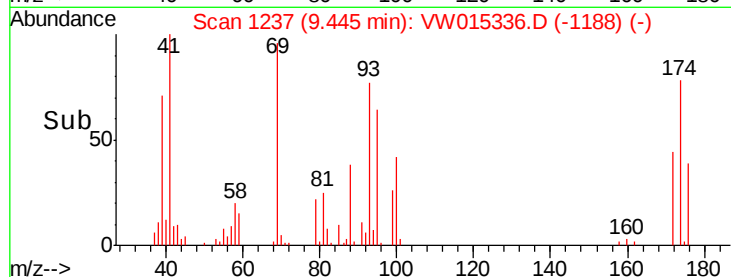
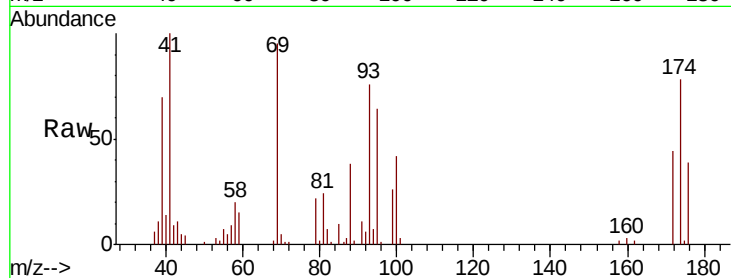
#49
1,4-Dioxane
Concen: 479.789 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.3	23.5	35.3
58	61.5	55.4	83.2

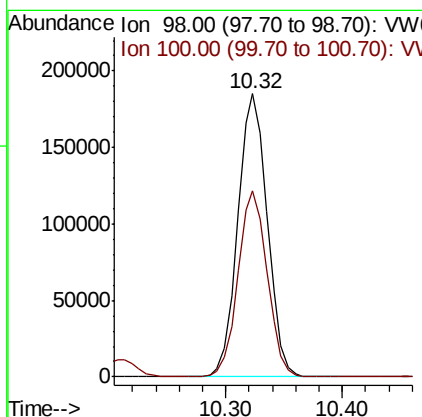
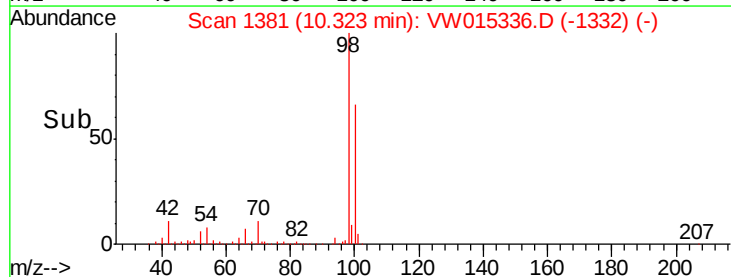
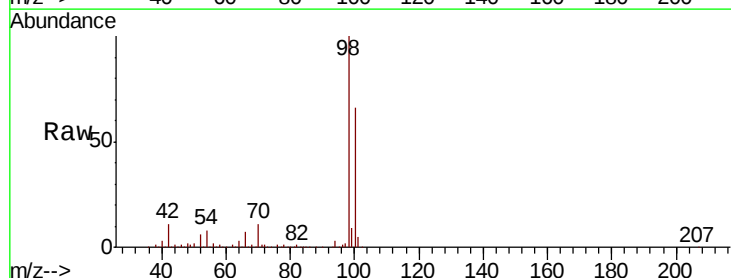
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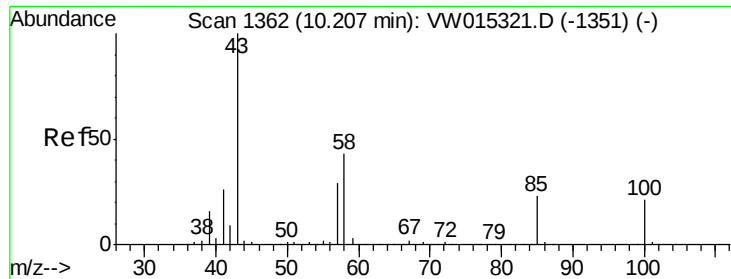
apatel
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#50
Toluene-d8
Concen: 48.983 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 116.234 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBS01

Tot Ion: 43 Resp: 95823

Ion Ratio Lower Upper

43 100

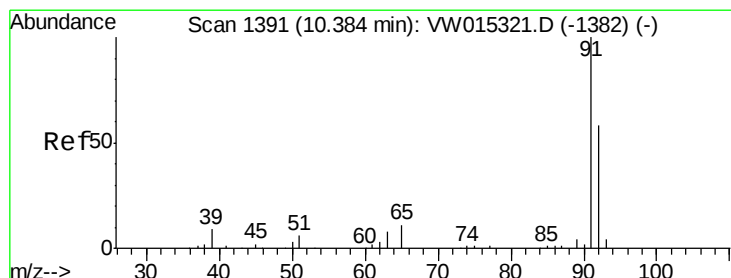
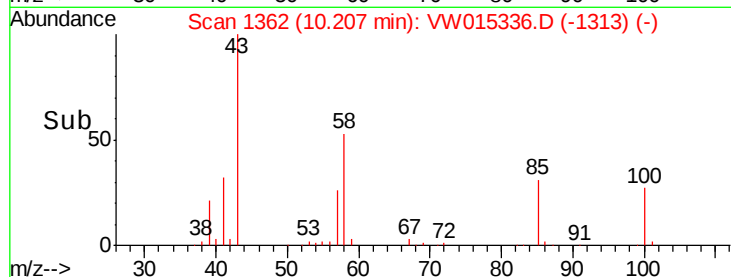
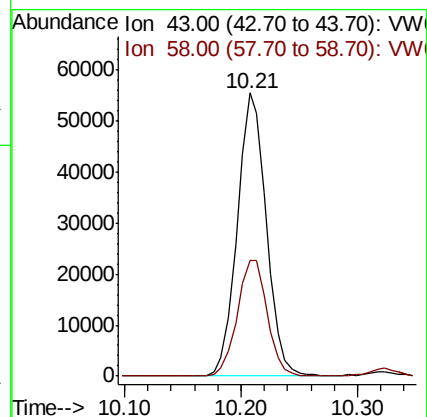
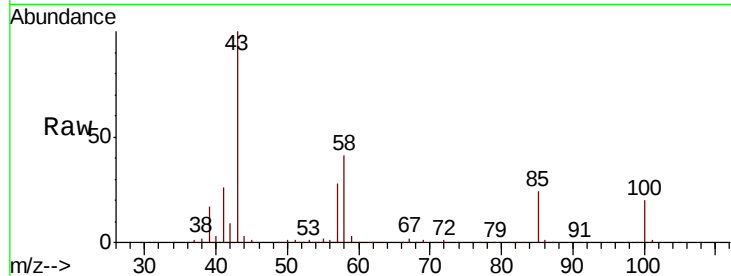
58 42.6 32.3 48.5

Manual Integrations

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#52

Toluene

Concen: 19.414 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW015336.D

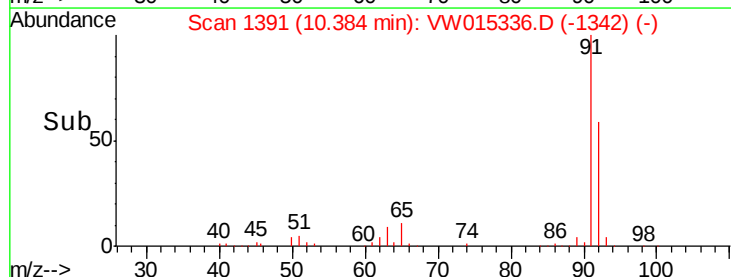
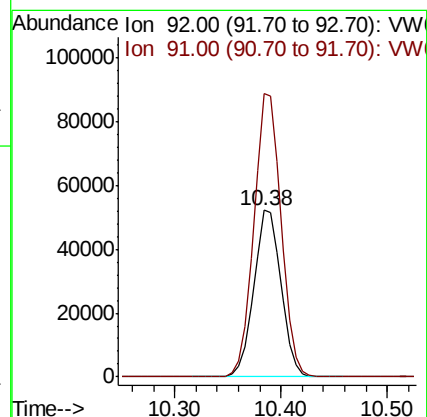
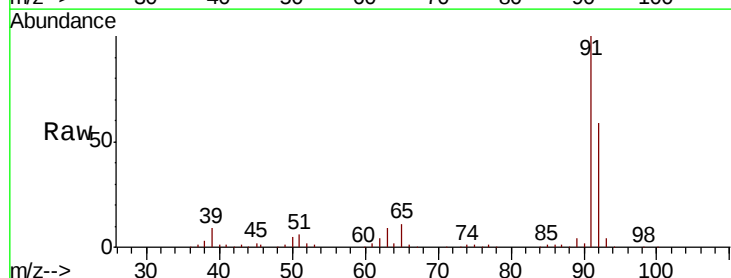
Acq: 24 Apr 2020 12:14

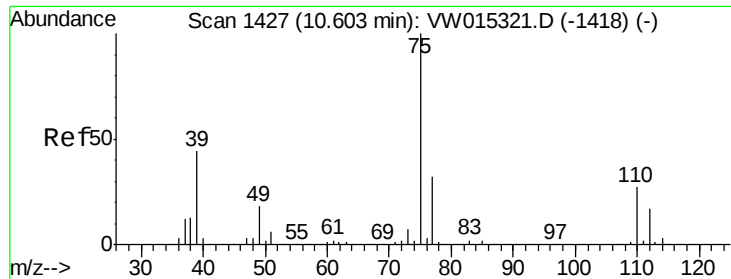
Tgt Ion: 92 Resp: 93644

Ion Ratio Lower Upper

92 100

91 170.0 137.1 205.7





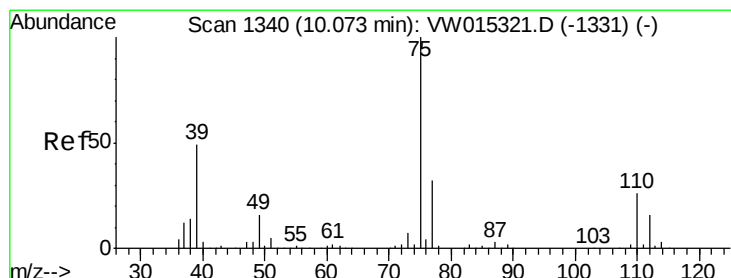
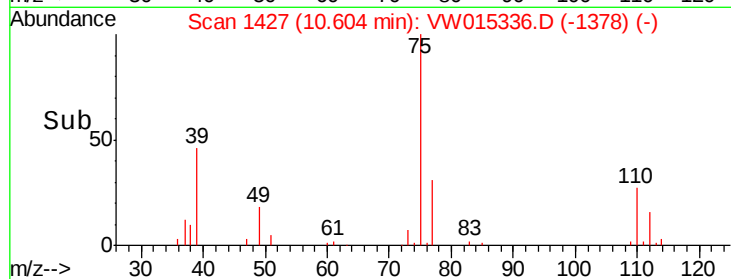
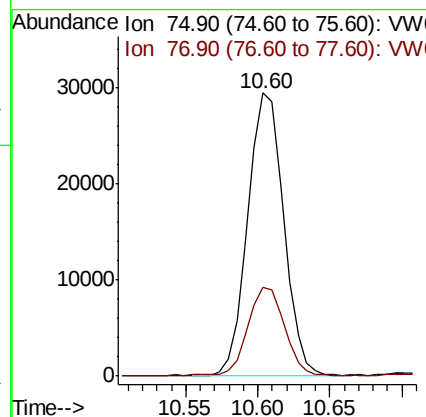
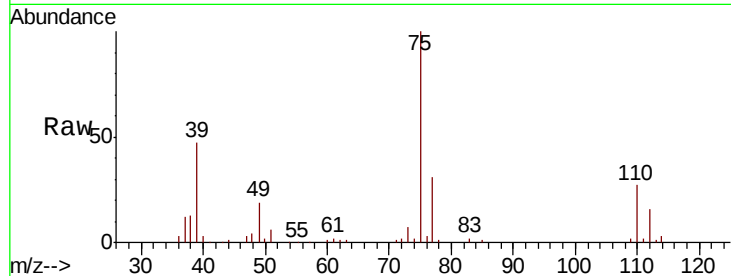
#53
 t-1,3-Dichloropropene
 Concen: 20.918 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.5	38.3

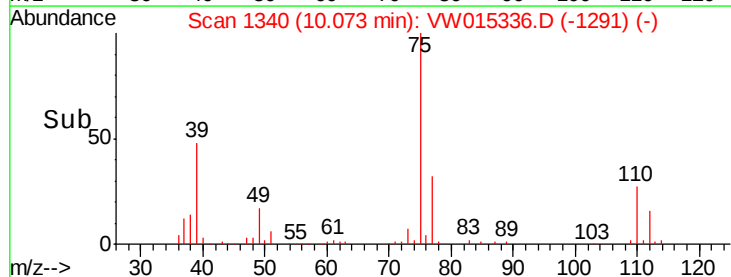
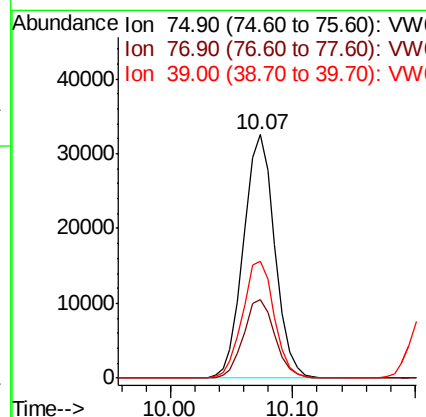
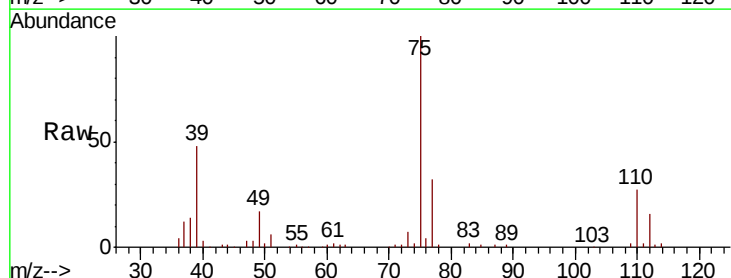
Manual Integrations
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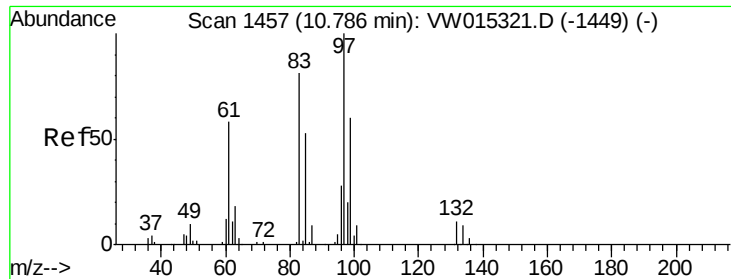
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#54
 cis-1,3-Dichloropropene
 Concen: 20.283 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	26.6	39.8
39	48.2	37.8	56.6





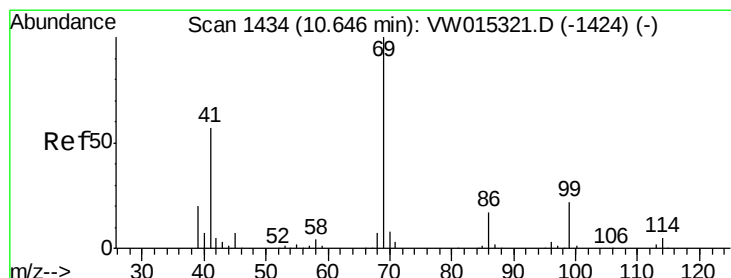
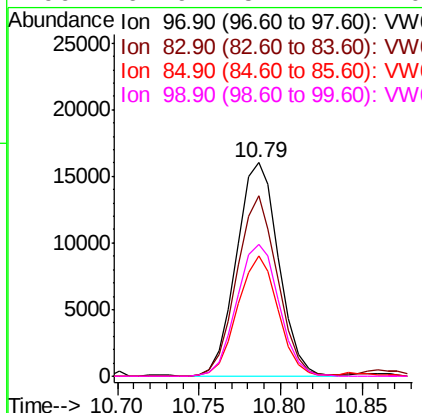
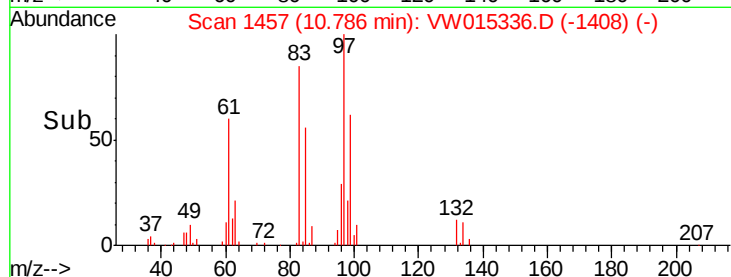
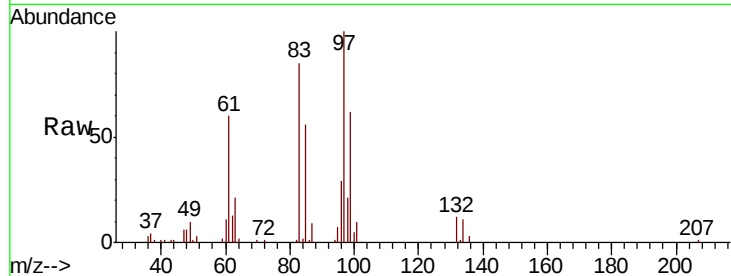
#55
 1,1,2-Trichloroethane
 Concen: 22.221 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		28848		
83	84.6	67.3	100.9		
85	56.4	43.8	65.8		
99	61.9	51.4	77.0		

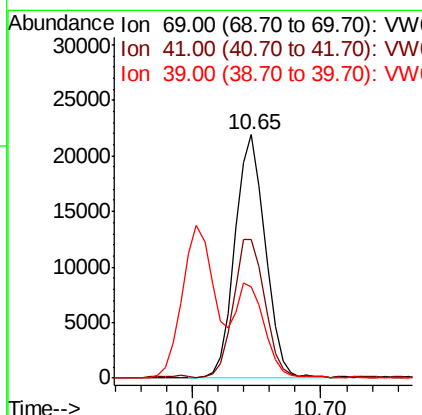
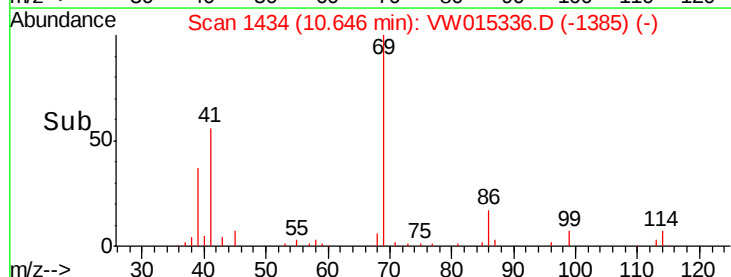
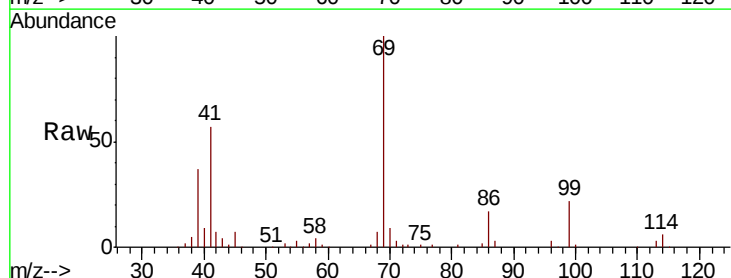
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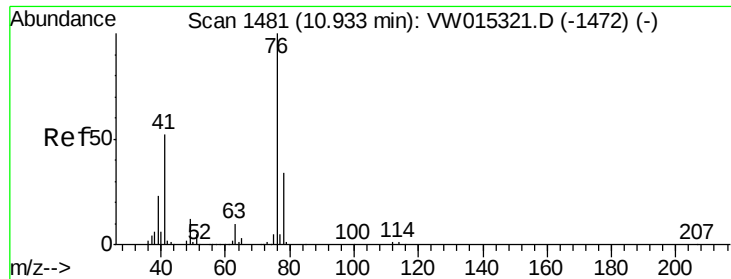
apatel
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#56
 Ethyl methacrylate
 Concen: 21.485 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		35932		
41	59.0	51.3	76.9		
39	36.6	24.6	37.0		





#57

1,3-Dichloropropane

Concen: 21.688 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBS01

Tot Ion: 76 Resp: 46639

Ion Ratio Lower Upper

76 100

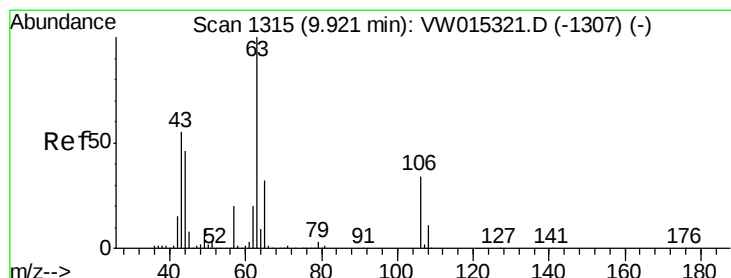
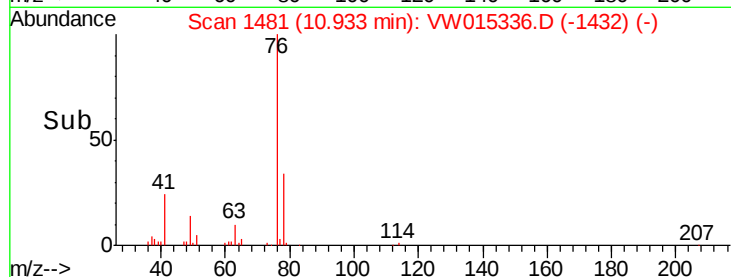
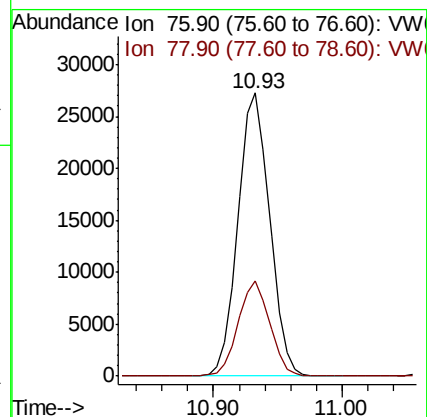
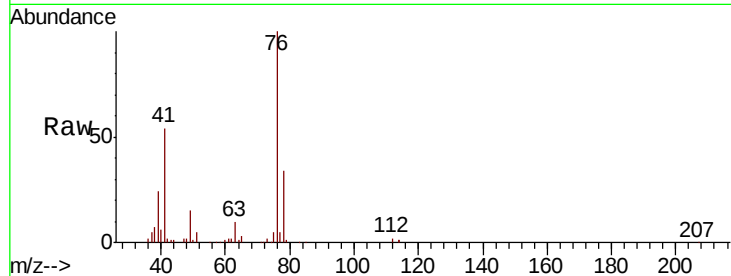
78 33.3 26.2 39.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 118.919 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW015336.D

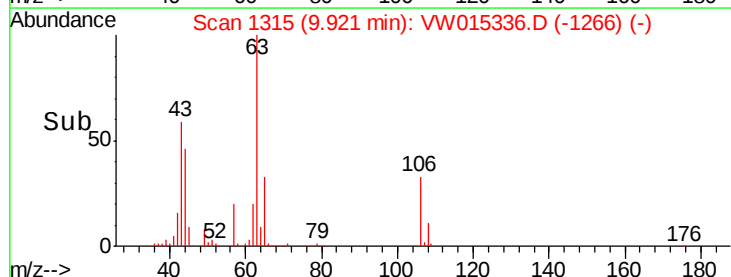
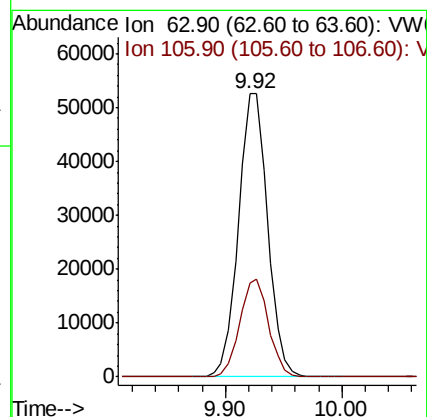
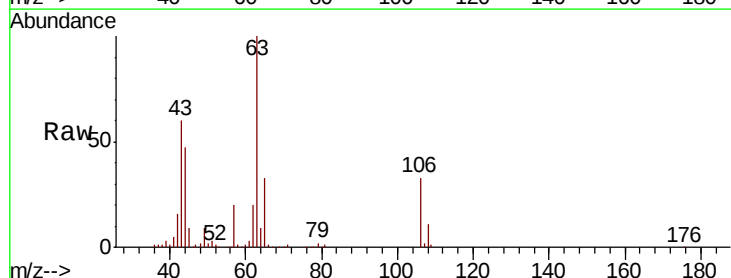
Acq: 24 Apr 2020 12:14

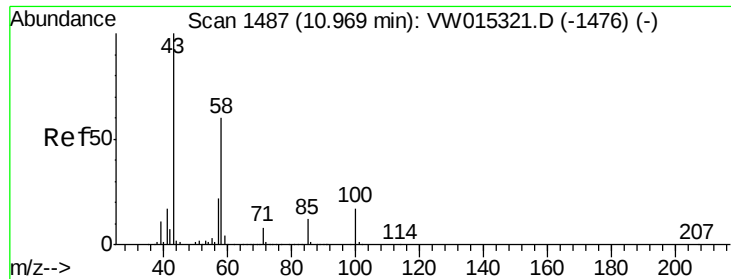
Tgt Ion: 63 Resp: 92206

Ion Ratio Lower Upper

63 100

106 34.0 22.6 33.8#





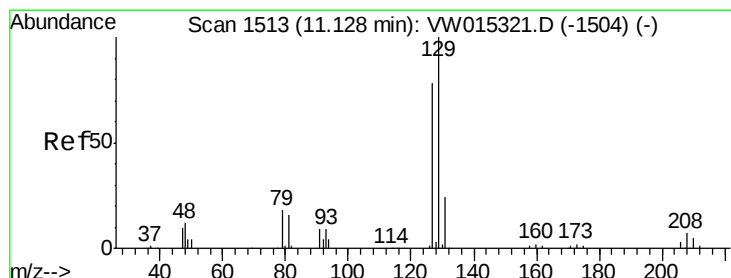
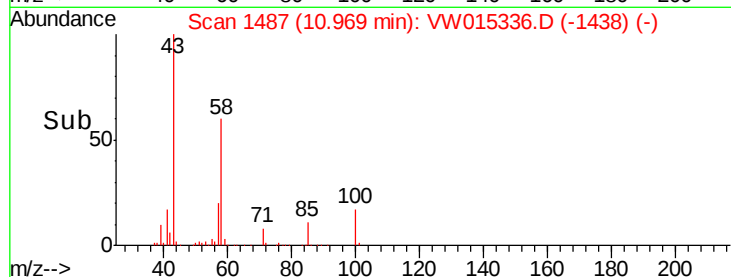
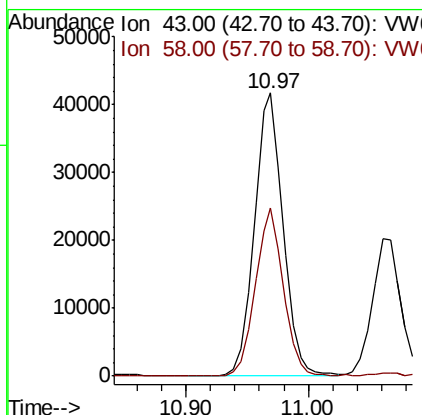
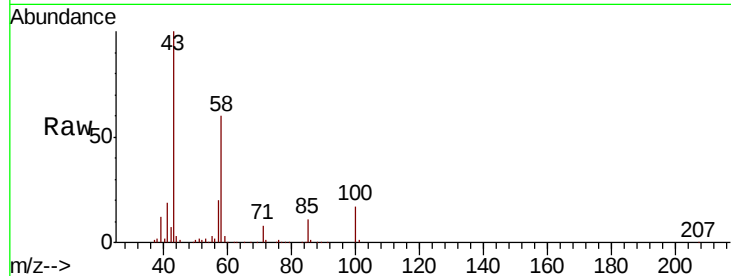
#59
2-Hexanone
Concen: 115.056 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBS01

Tot Ion: 43 Resp: 67709
Ion Ratio Lower Upper
43 100
58 58.3 28.1 84.3

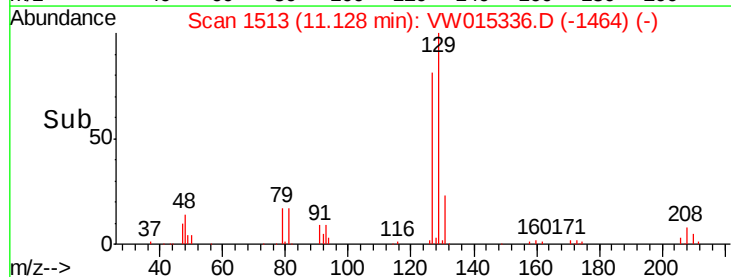
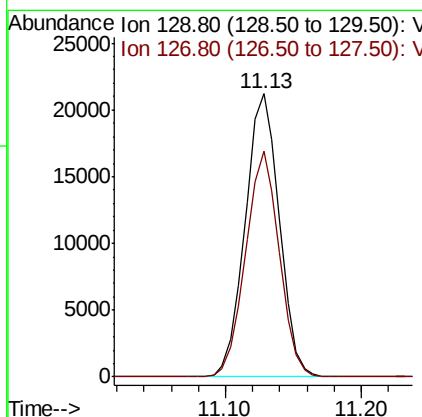
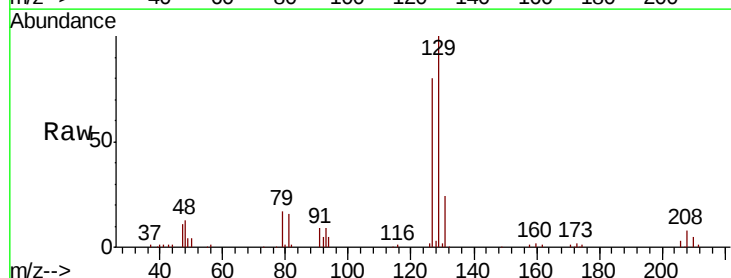
Manual Integrations
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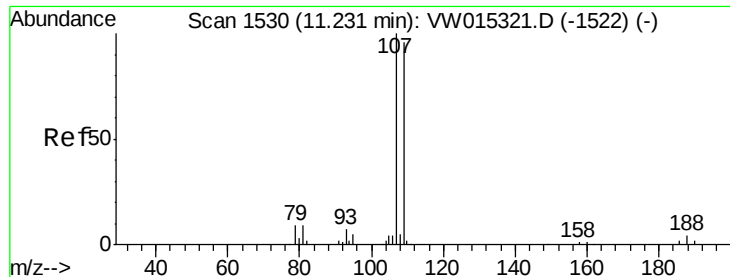
apatel
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#60
Dibromochloromethane
Concen: 21.794 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion: 129 Resp: 37357
Ion Ratio Lower Upper
129 100
127 78.4 38.3 114.8





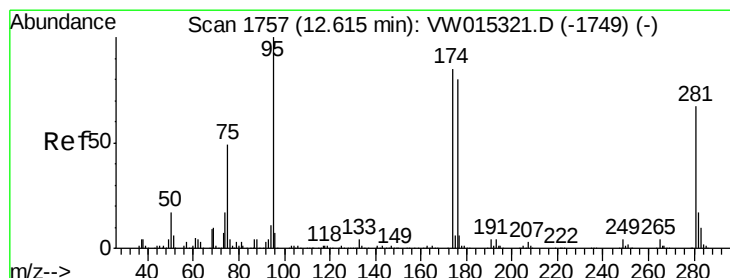
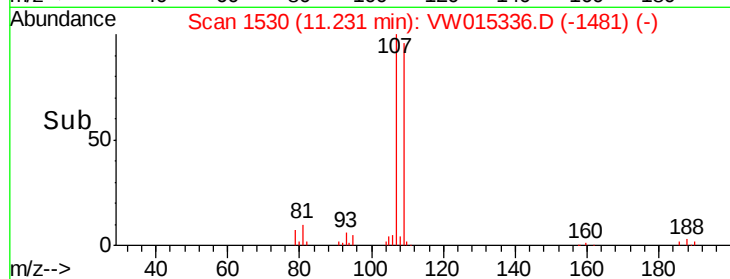
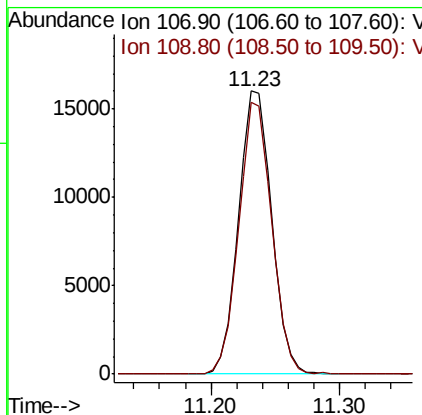
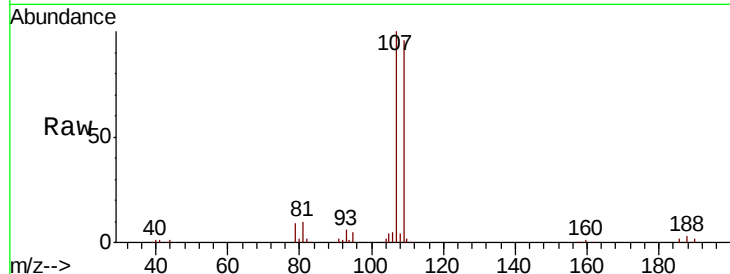
#61
 1,2-Dibromoethane
 Concen: 22.479 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	74.3	111.5

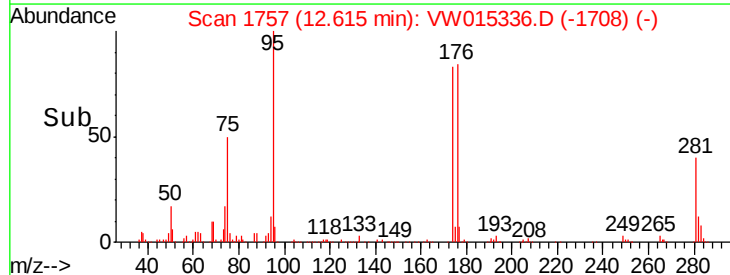
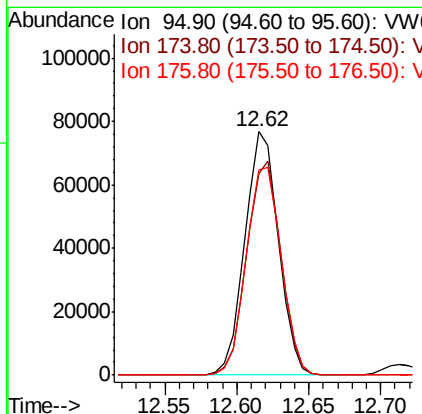
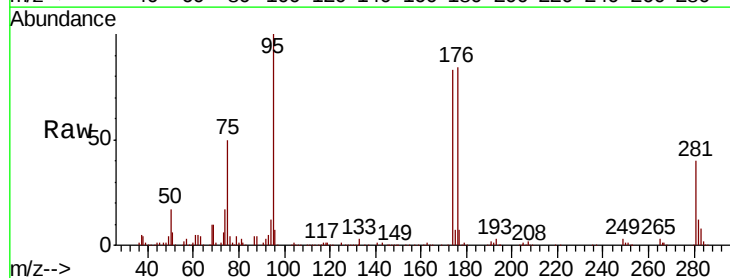
Manual Integrations
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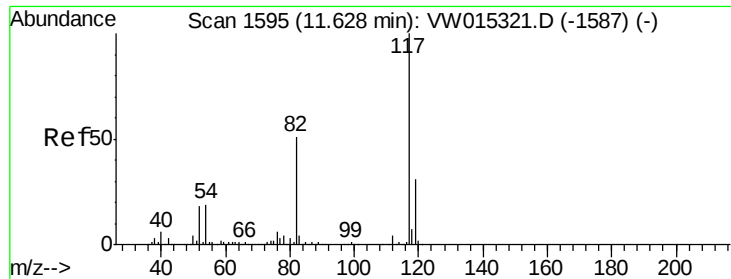
apatel
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#62
 4-Bromofluorobenzene
 Concen: 48.659 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.2	0.0	144.4
176	88.9	0.0	140.6





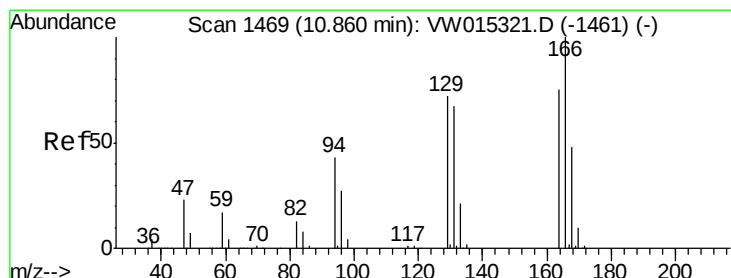
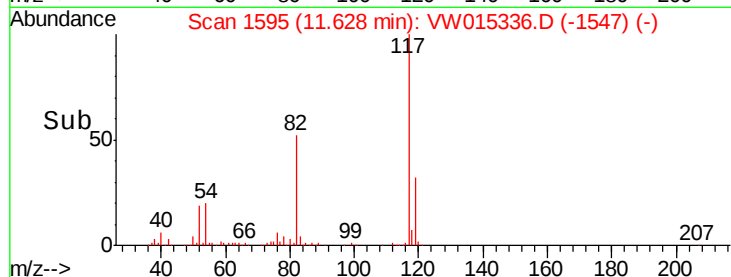
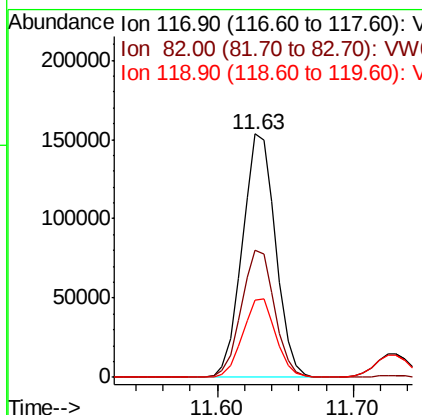
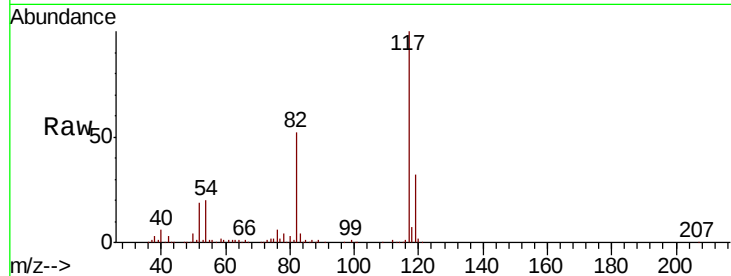
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	44.1	66.1
119	31.9	24.9	37.3

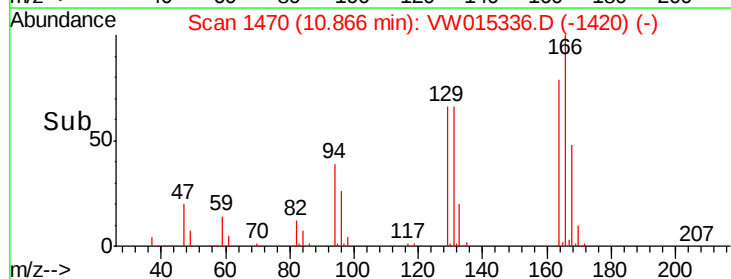
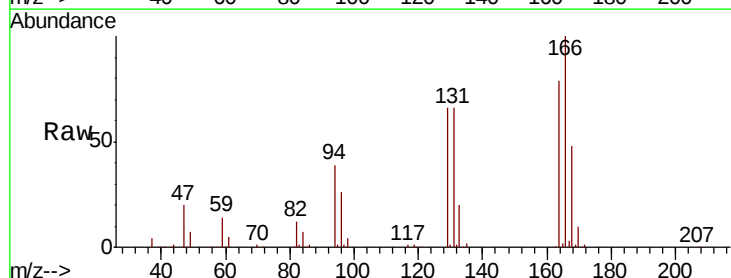
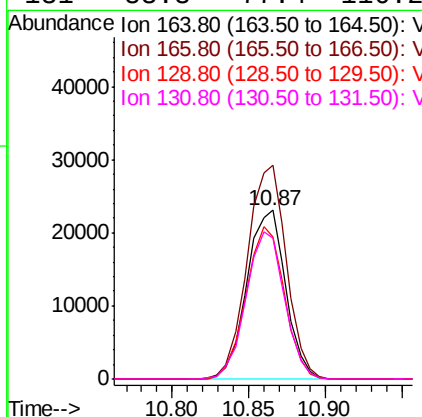
Manual Integrations
APPROVED

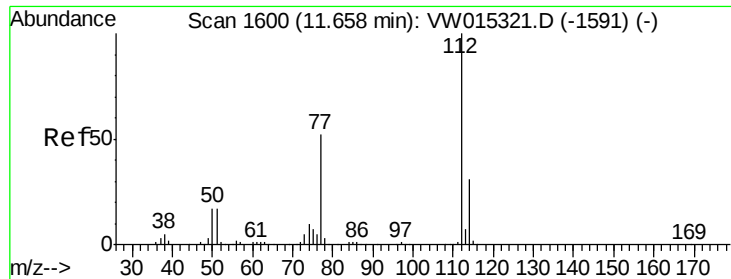
apatel
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#64
Tetrachloroethene
Concen: 21.697 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	102.6	154.0
129	84.3	80.2	120.2
131	83.3	77.4	116.2





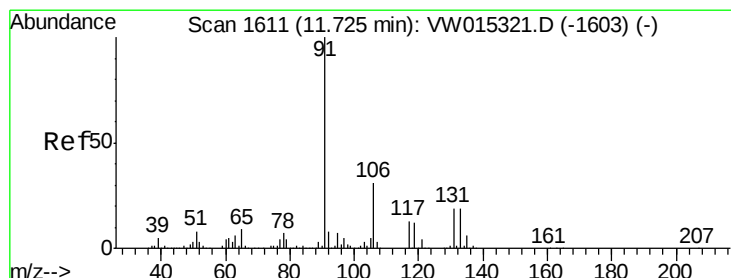
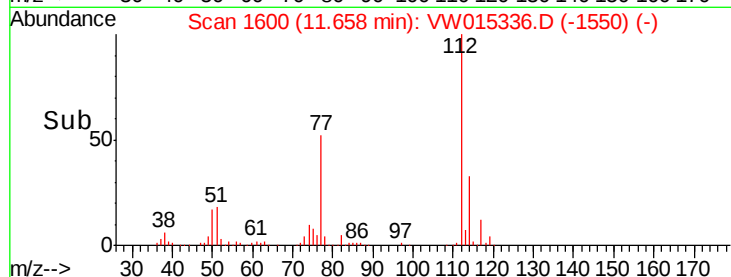
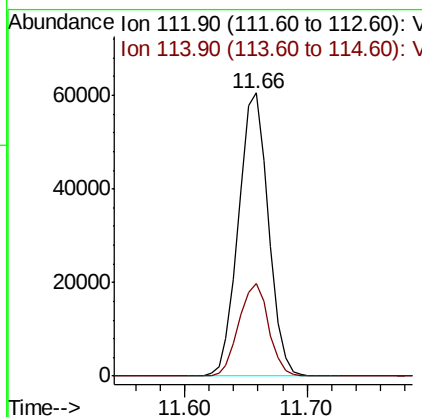
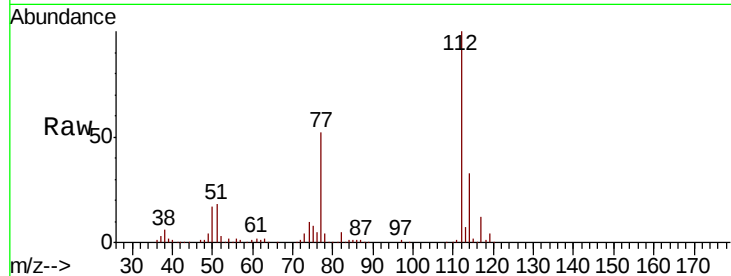
#65
Chlorobenzene
Concen: 19.921 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Instrument :
MSVOA_W
ClientSampled :
VW0424SBSD01

Tot Ion:112 Resp: 102523
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

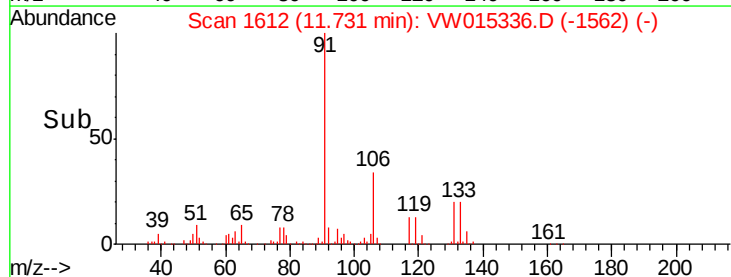
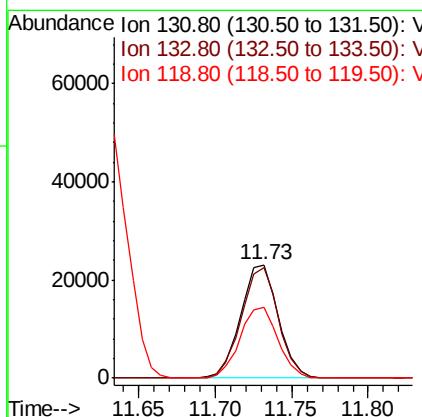
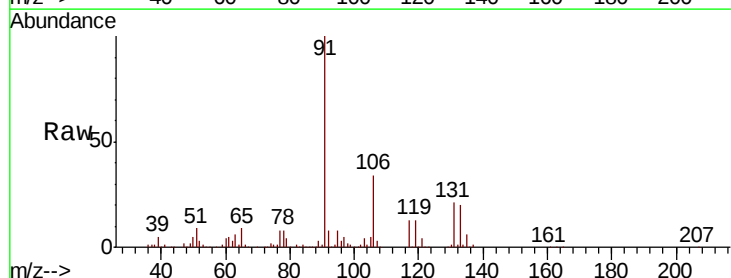
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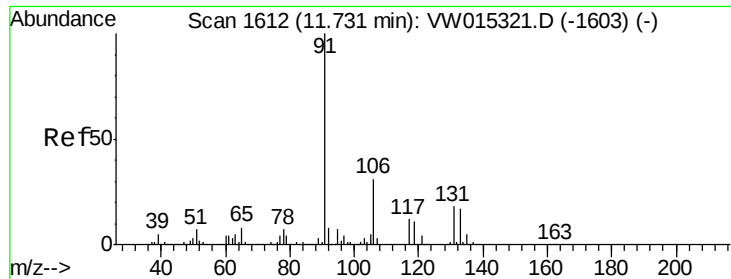
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.253 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion:131 Resp: 39312
Ion Ratio Lower Upper
131 100
133 96.4 47.7 143.1
119 64.0 34.0 101.8





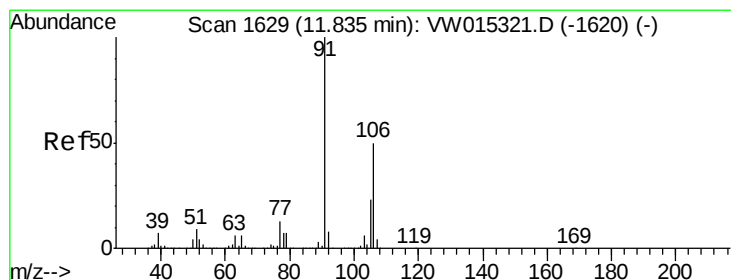
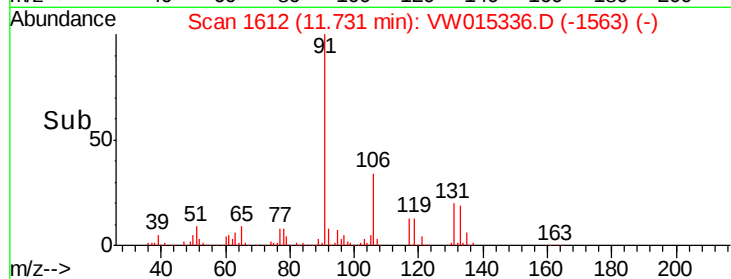
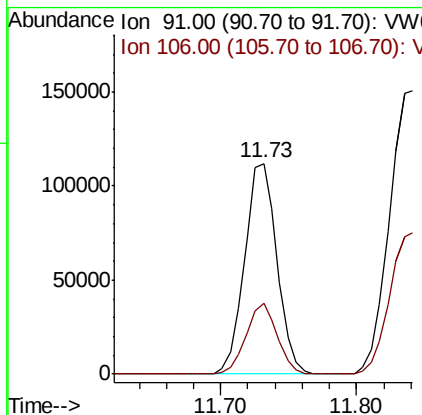
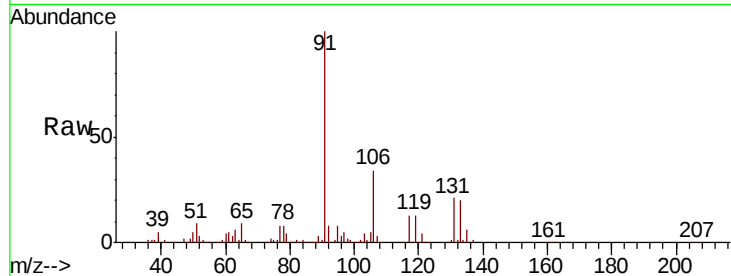
#67
Ethyl Benzene
Concen: 19.432 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Instrument :
MSVOA_W
ClientSampled :
VW0424SBSD01

Tot Ion: 91 Resp: 186500
Ion Ratio Lower Upper
91 100
106 33.7 25.7 38.5

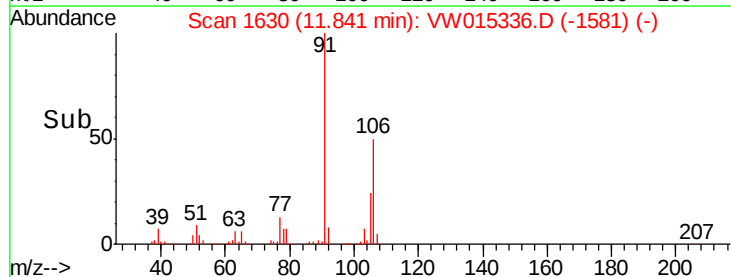
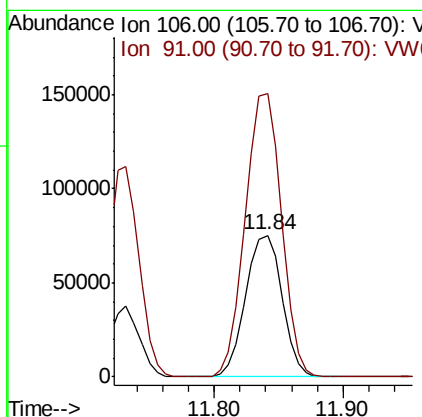
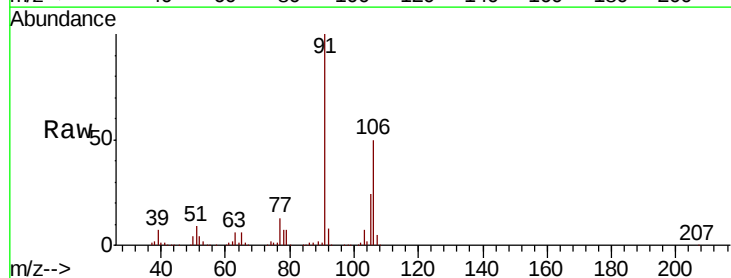
Manual Integrations
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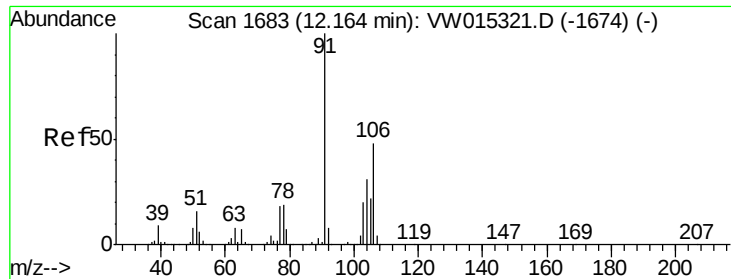
apatel
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#68
m/p-Xylenes
Concen: 39.213 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion: 106 Resp: 147521
Ion Ratio Lower Upper
106 100
91 198.9 160.0 240.0





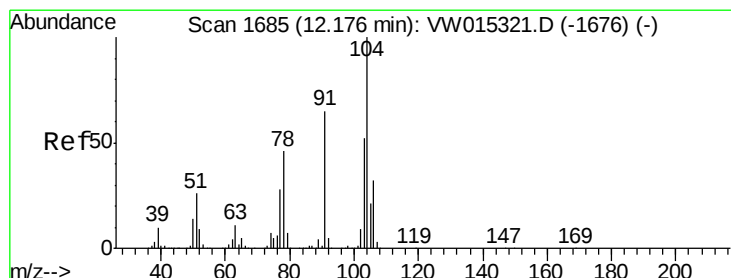
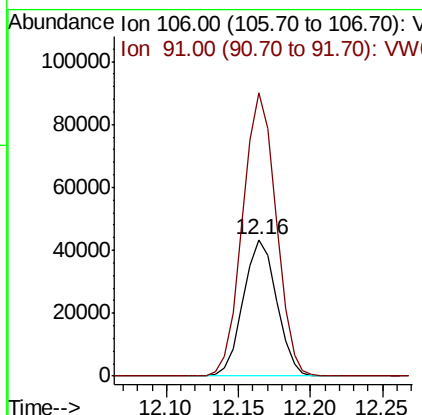
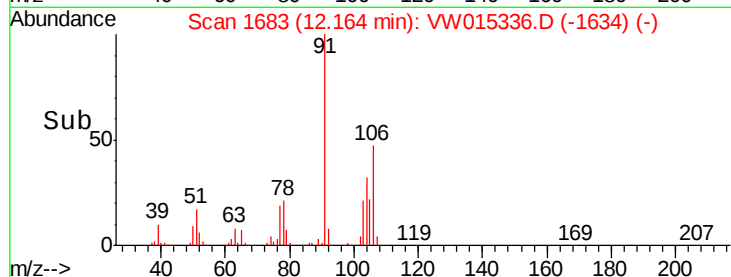
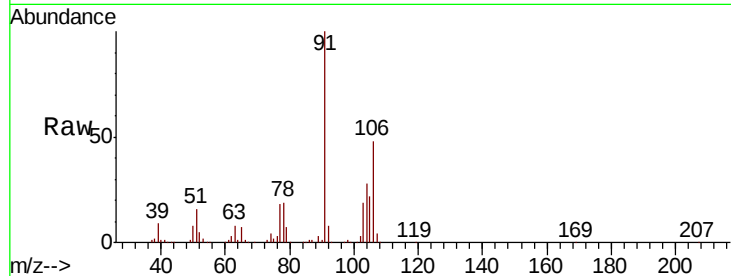
#69
o-Xylene
Concen: 19.854 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	208.0	105.7	317.1

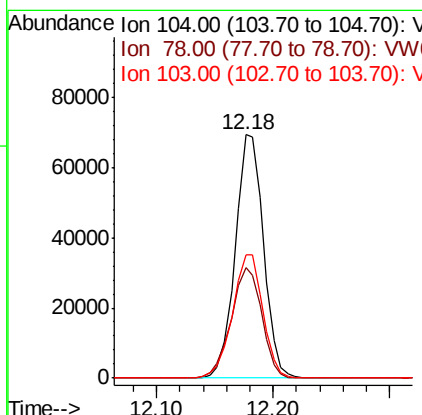
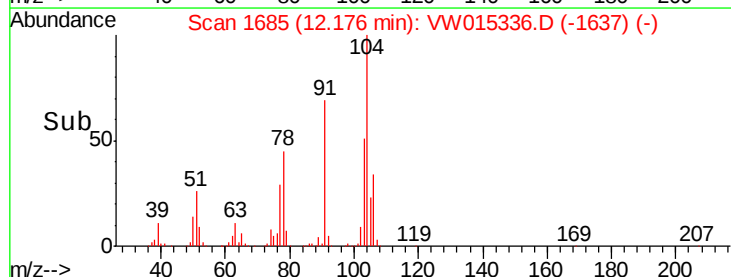
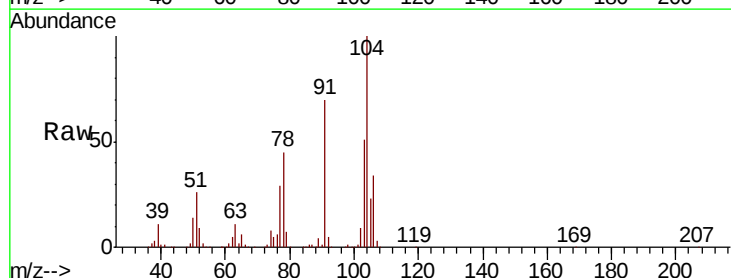
Manual Integrations
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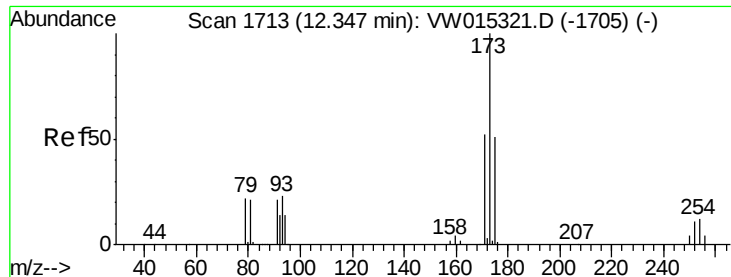
apatel
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#70
Styrene
Concen: 19.563 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	49.4	39.8	59.6
103	103	54.3	43.8	65.6





#71

Bromoform

Concen: 23.758 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

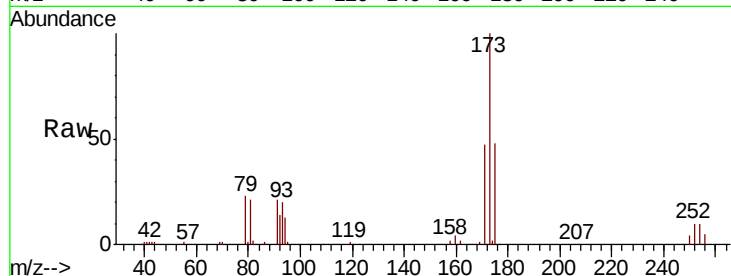
ClientSampleId :

VW0424SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	25.1	75.4
254	0.0	0.1	0.1#

Manual Integrations
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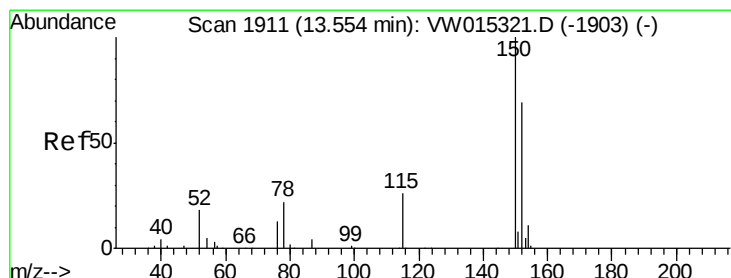
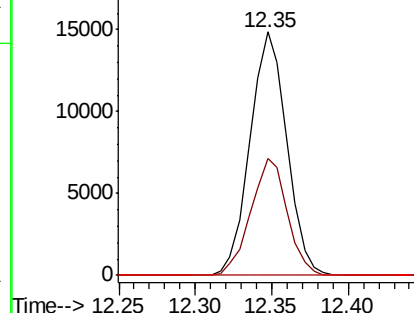
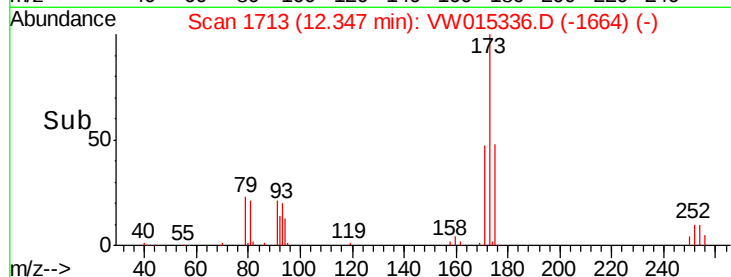


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

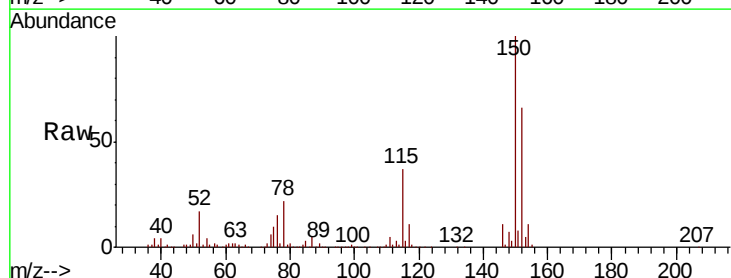
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	31.3	93.9
150	165.5	0.0	343.4

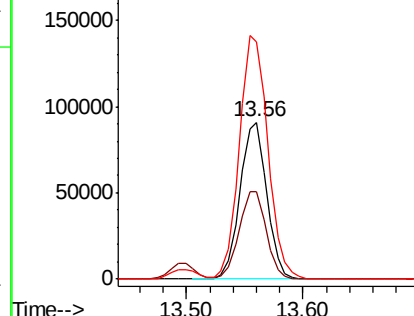
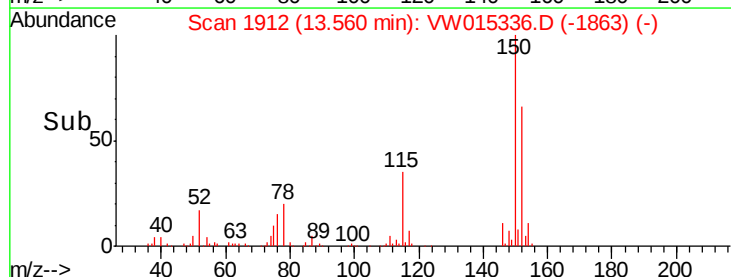


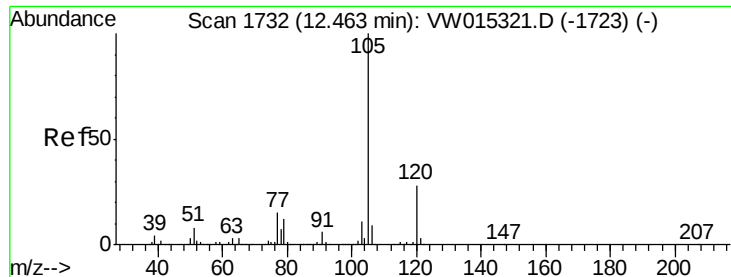
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





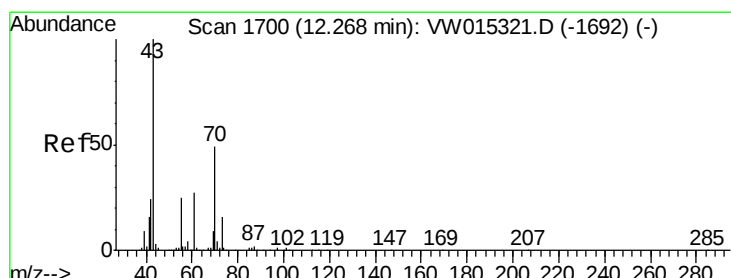
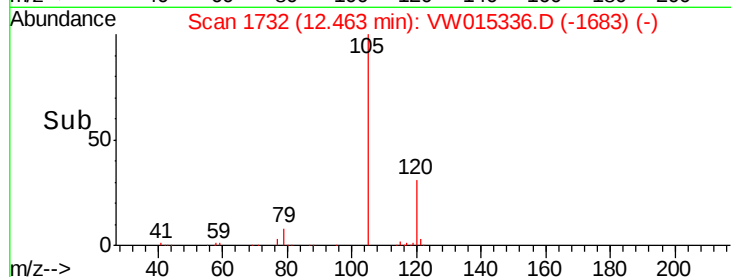
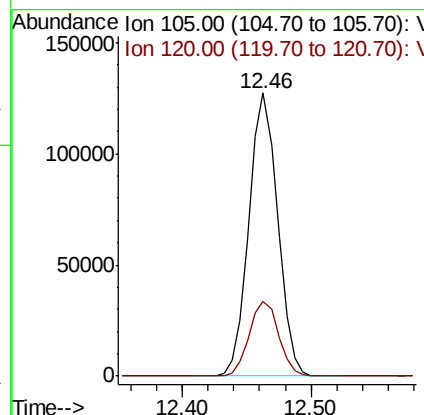
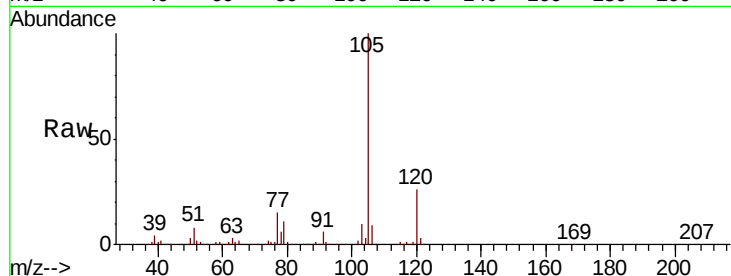
#73
Isopropylbenzene
Concen: 19.364 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.7	41.1

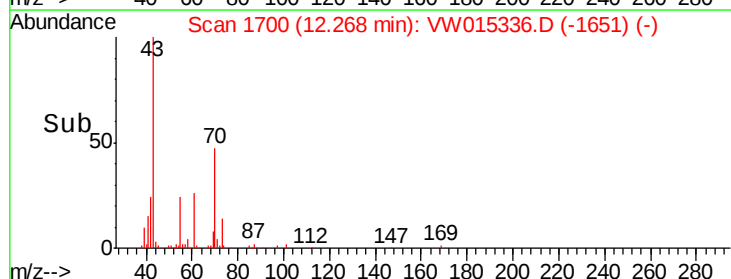
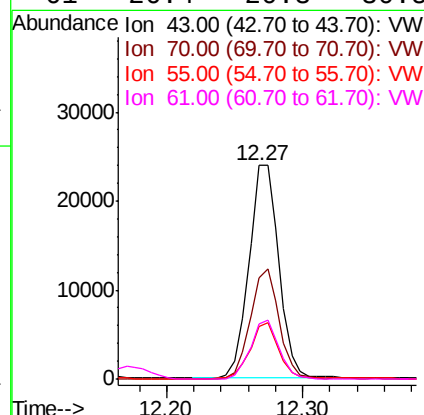
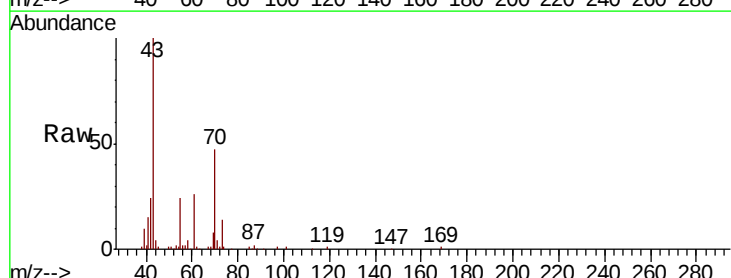
Manual Integrations
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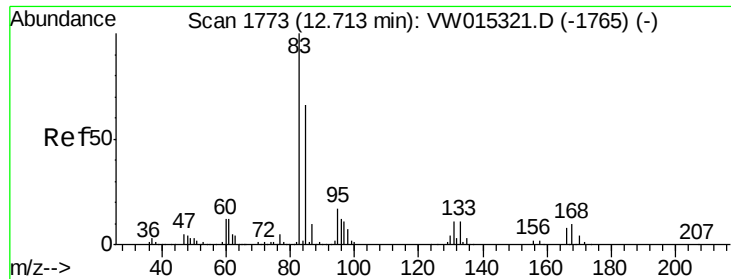
apatel
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#74
N-ethyl acetate
Concen: 21.031 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.7	35.4	53.2
55	25.6	18.5	27.7
61	26.4	20.3	30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.841 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

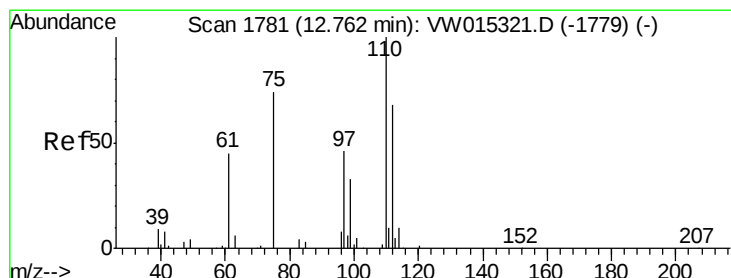
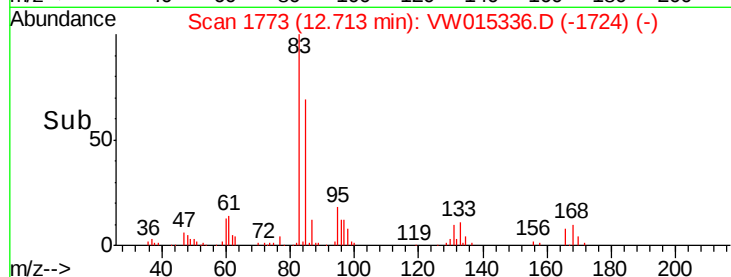
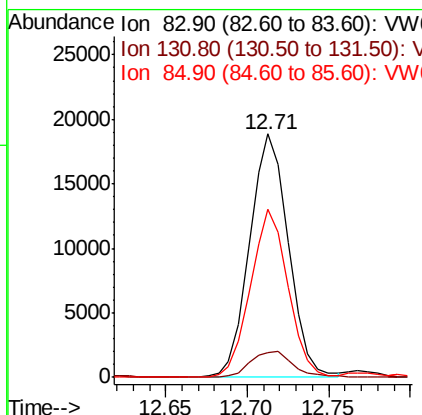
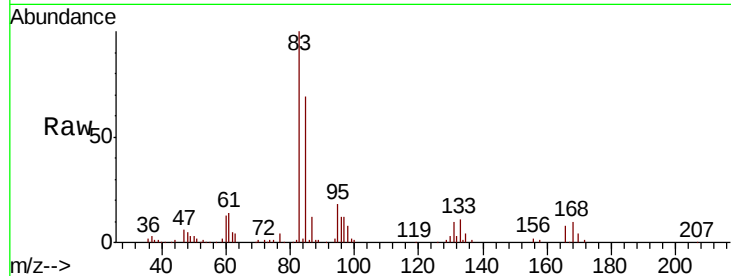
ClientSampleId :

VW0424SBSD01

Tot Ion:	83	Resp:	31273
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.1	15.2
85	66.7	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.546 ug/l m

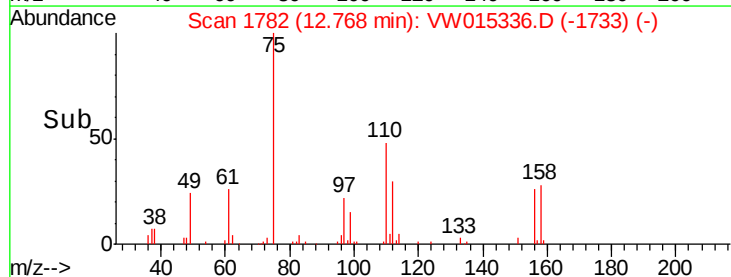
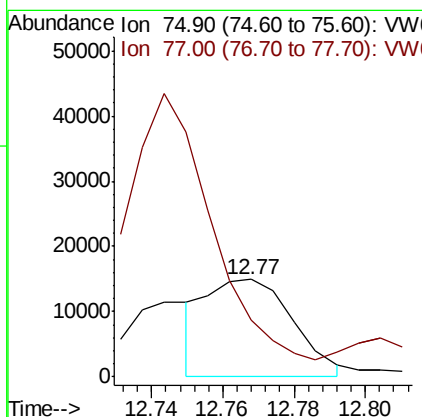
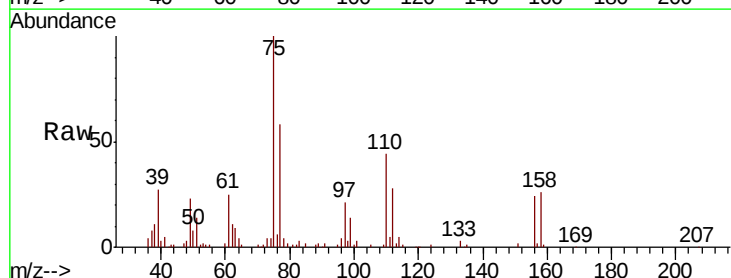
RT: 12.77 min Scan# 1782

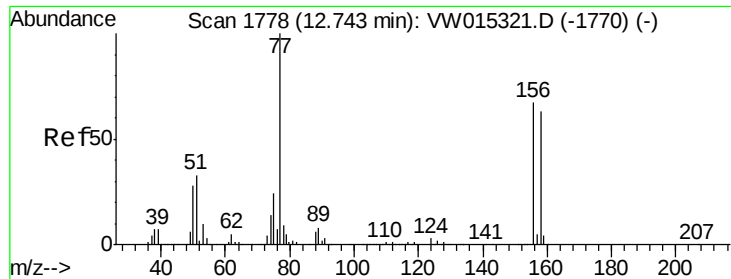
Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Tgt Ion:	75	Resp:	25369
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.384 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBSD01

Tot Ion:156 Resp: 47228

Ion Ratio Lower Upper

156 100

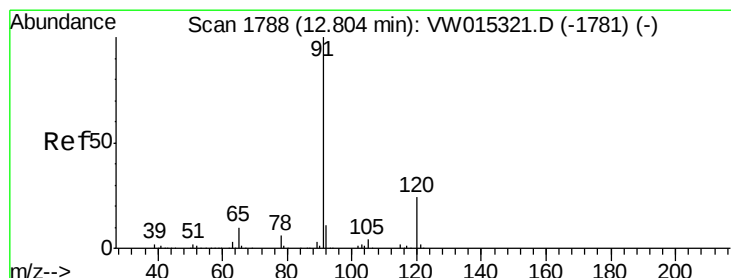
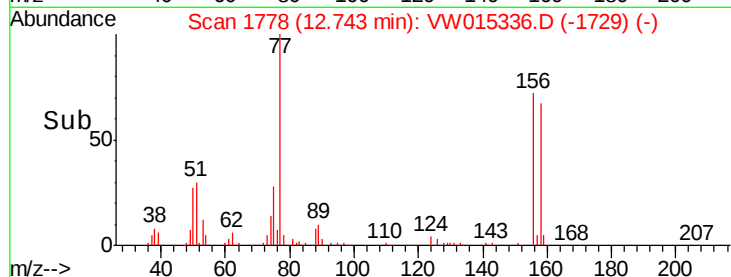
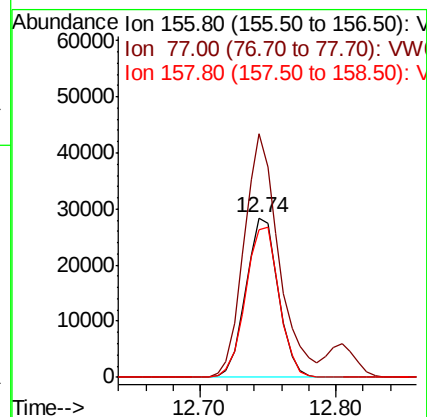
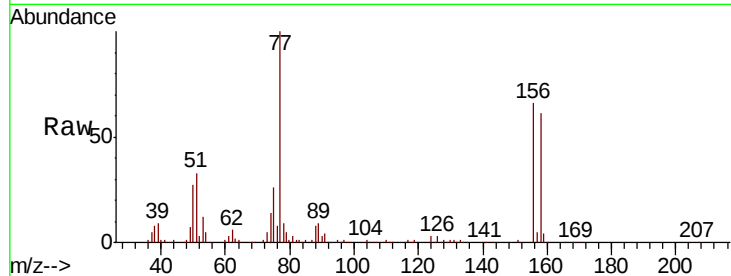
77 164.2 100.5 301.5

158 97.1 47.9 143.8

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#78

n-propylbenzene

Concen: 19.259 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015336.D

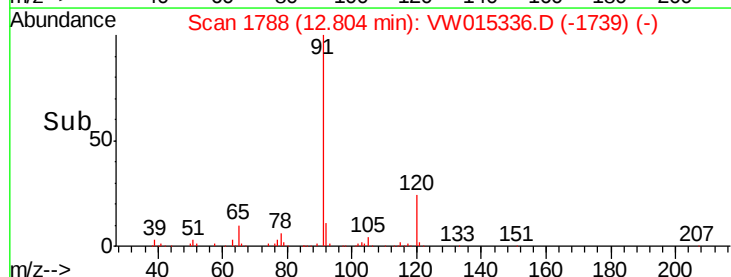
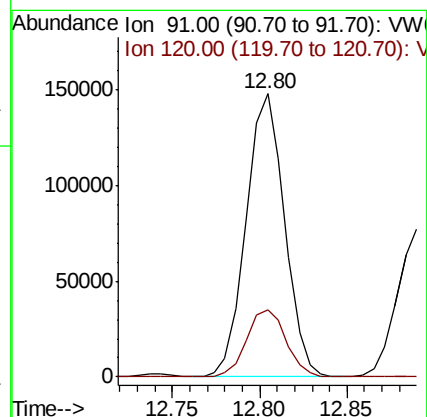
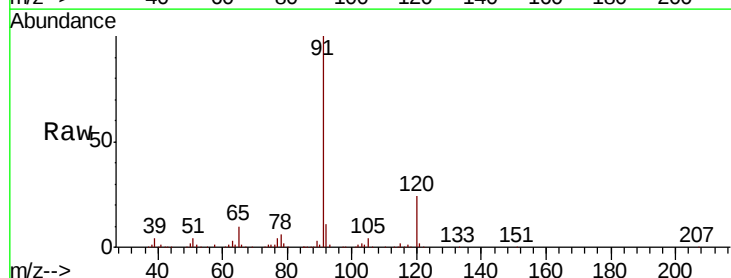
Acq: 24 Apr 2020 12:14

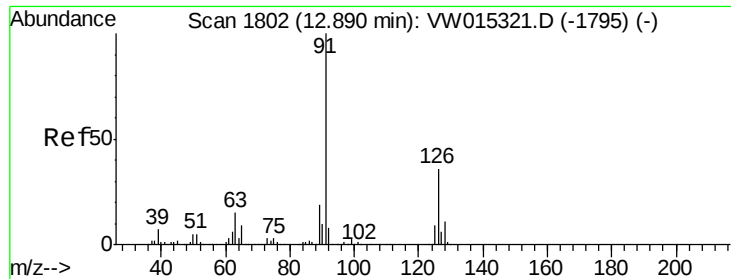
Tgt Ion: 91 Resp: 226140

Ion Ratio Lower Upper

91 100

120 24.4 11.4 34.1





#79

2-Chlorotoluene

Concen: 19.240 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBS01

Tot Ion: 91 Resp: 127316

Ion Ratio Lower Upper

91 100

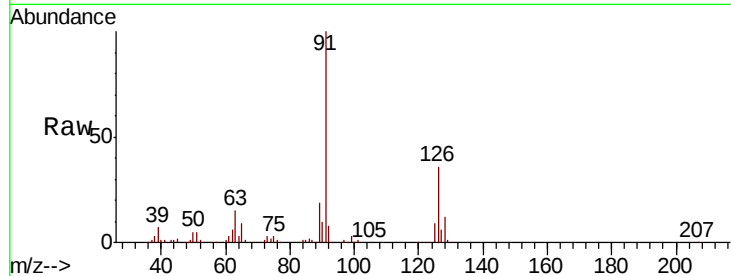
126 35.9 16.8 50.4

Manual Integrations

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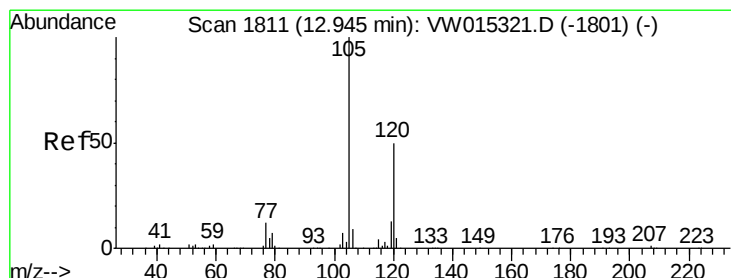
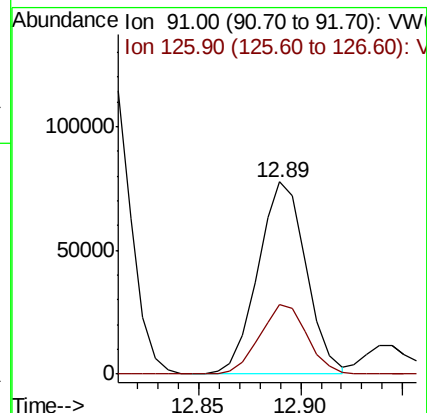
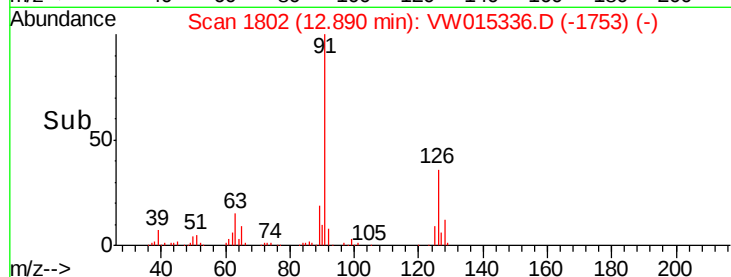
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.418 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015336.D

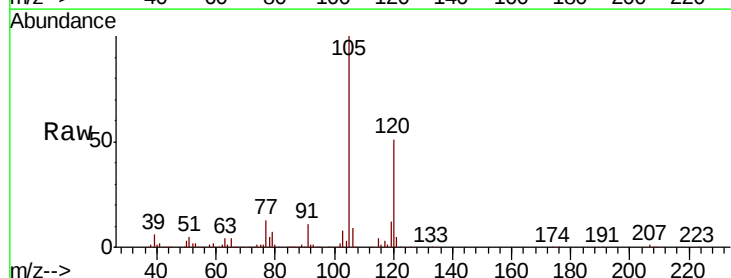
Acq: 24 Apr 2020 12:14

Tgt Ion:105 Resp: 168689

Ion Ratio Lower Upper

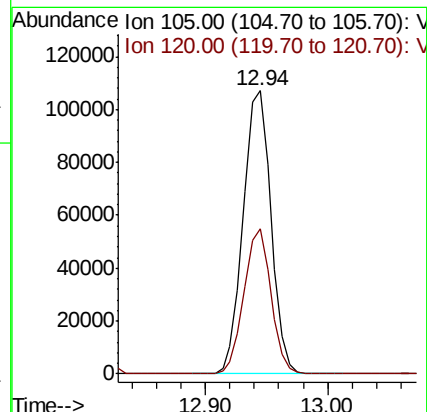
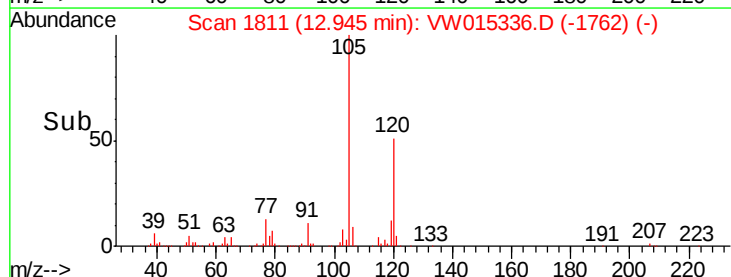
105 100

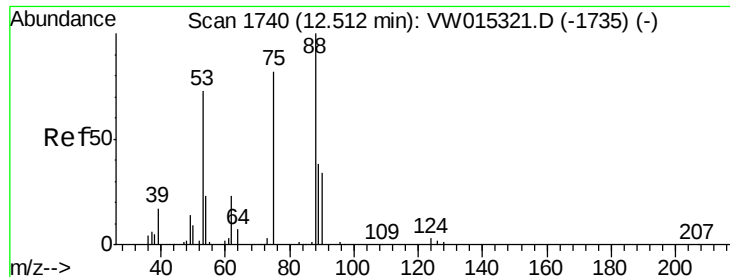
120 49.9 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





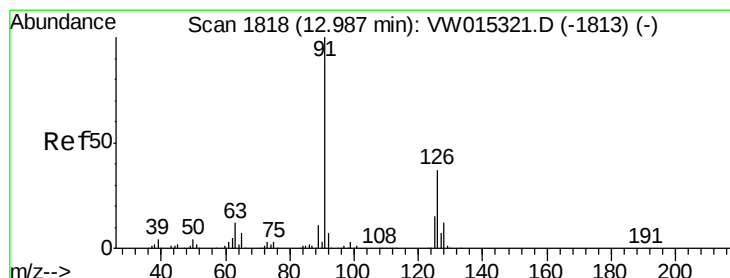
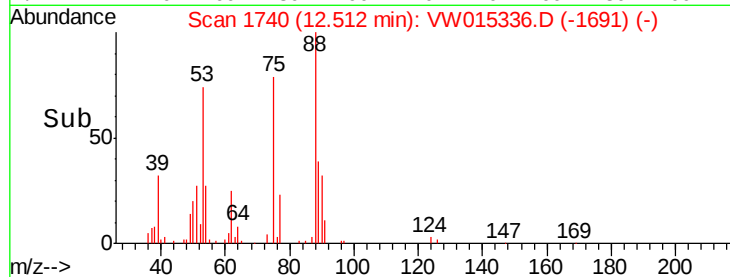
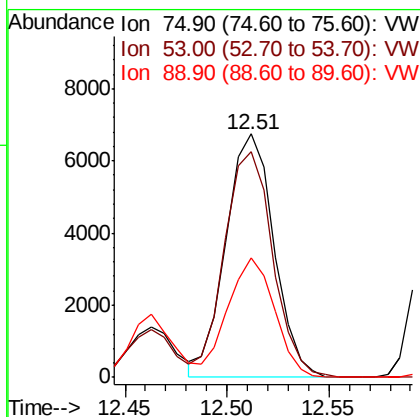
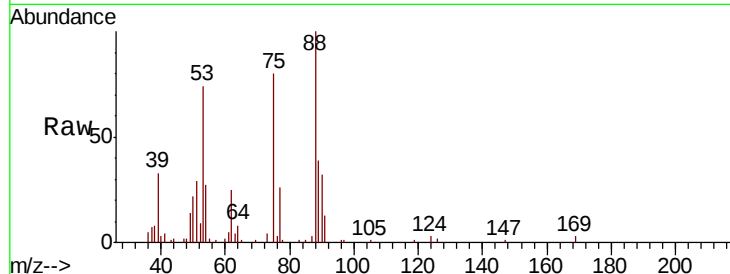
#81
trans-1,4-Dichloro-2-butene
Concen: 21.403 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.7	69.4	104.2
89	47.4	34.8	52.2

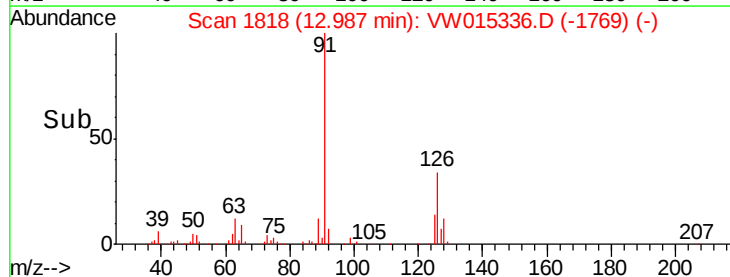
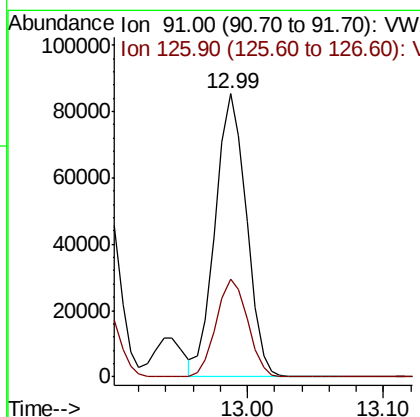
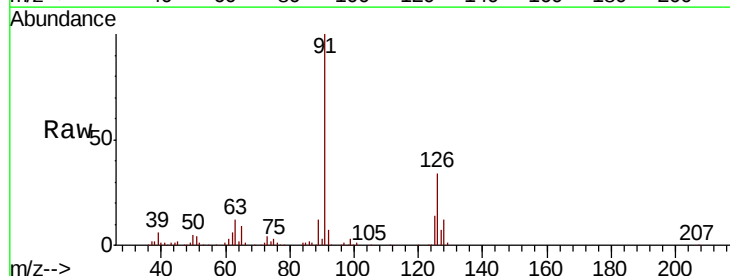
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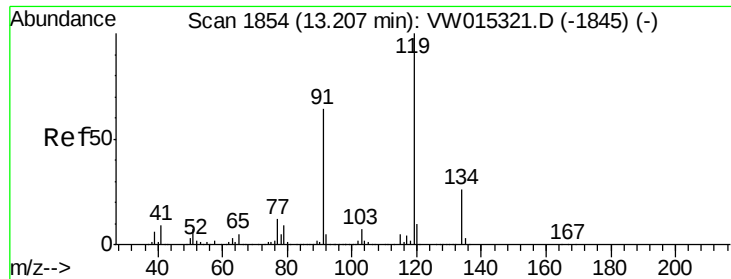
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#82
4-Chlorotoluene
Concen: 19.281 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	16.8	50.3





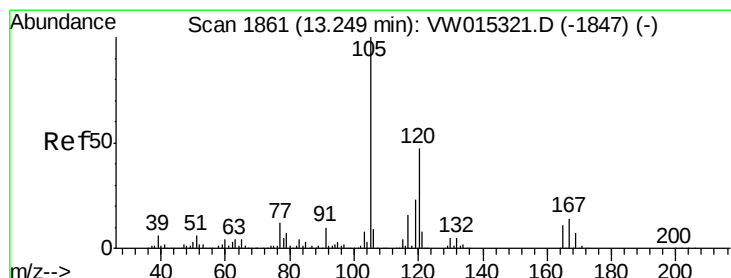
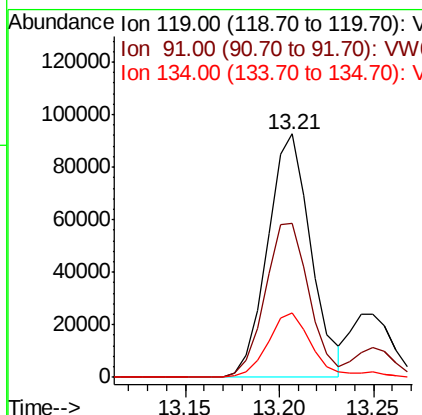
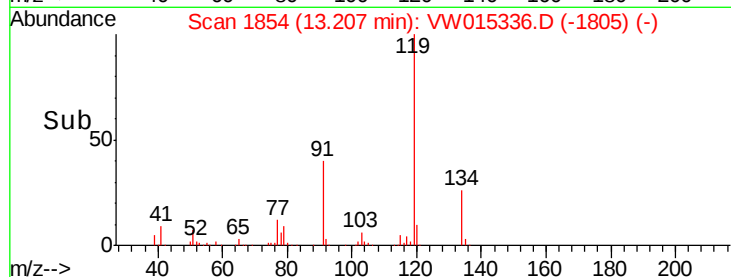
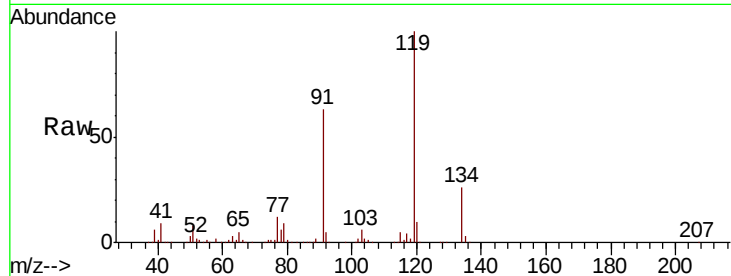
#83
tert-Butylbenzene
Concen: 19.425 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.6	32.8	98.3
134	27.9	13.3	39.9

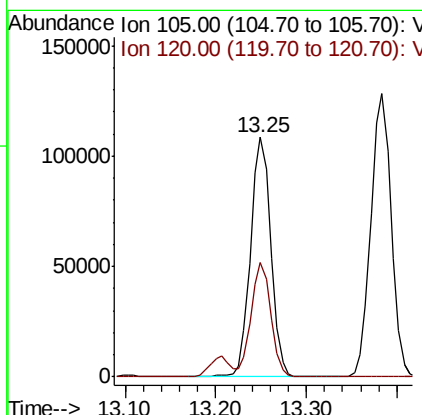
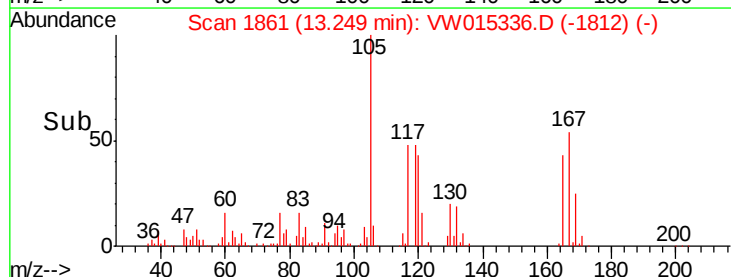
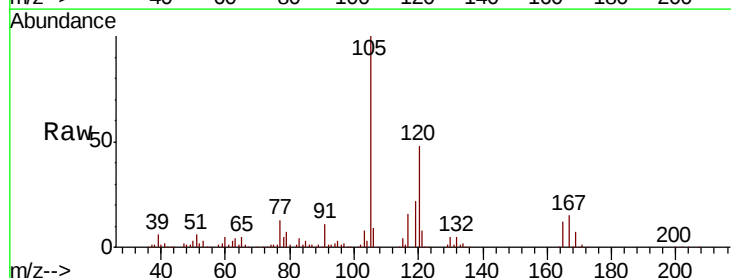
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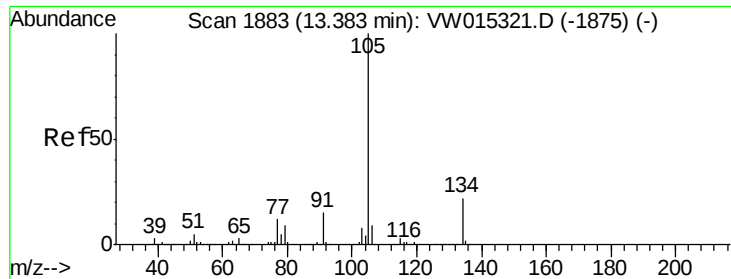
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 19.707 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.0	69.0





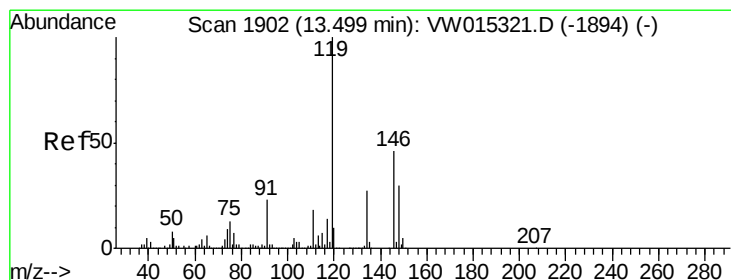
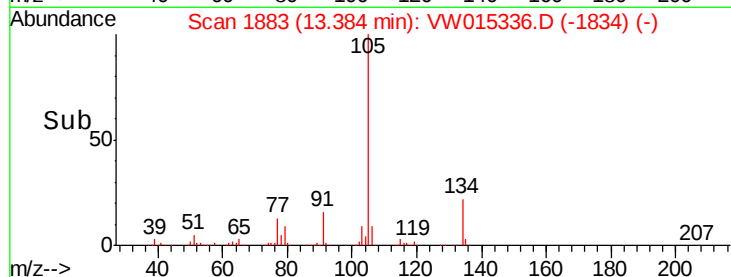
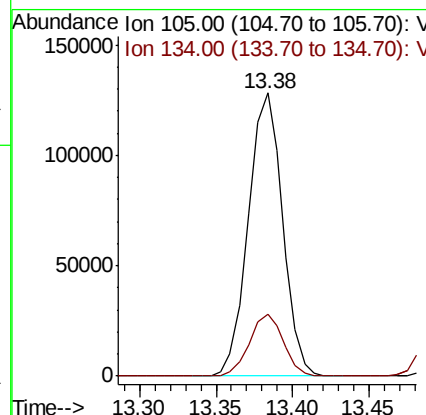
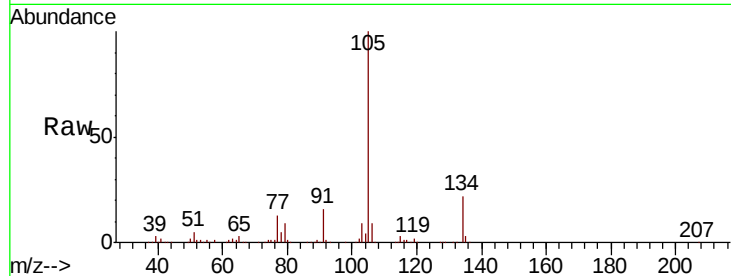
#85
 sec-Butylbenzene
 Concen: 19.042 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.6	10.1	30.1

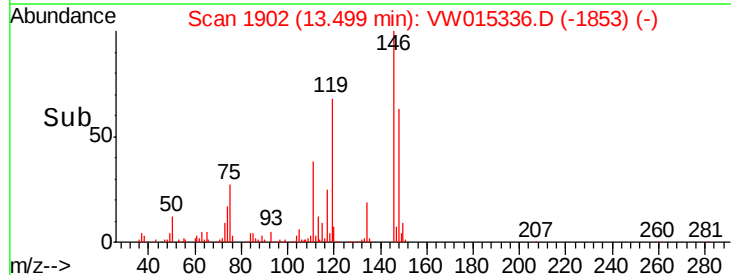
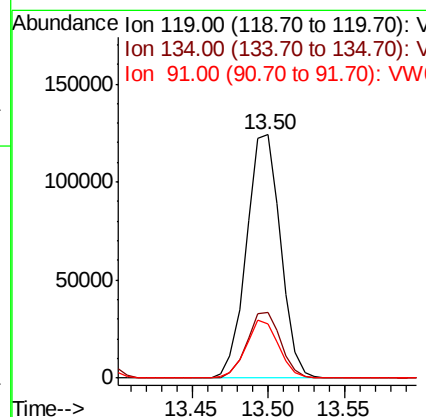
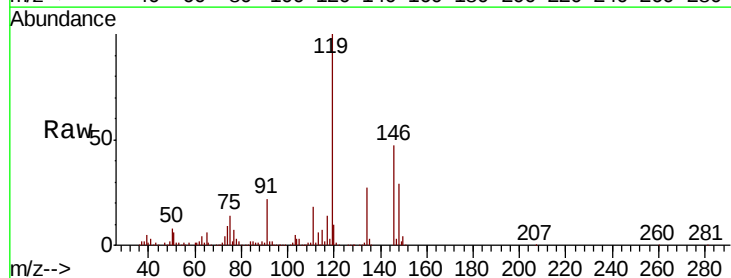
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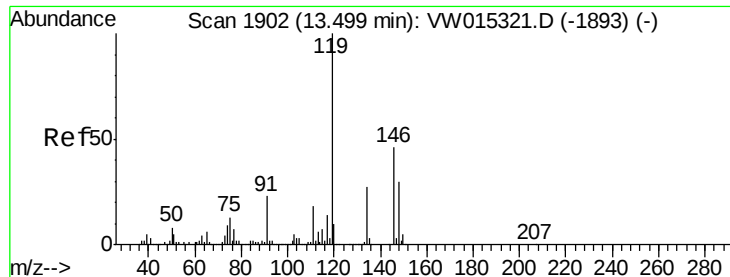
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#86
 p-Isopropyltoluene
 Concen: 19.629 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.3	39.9
91	23.1	12.0	36.1





#87

1,3-Dichlorobenzene

Concen: 20.089 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

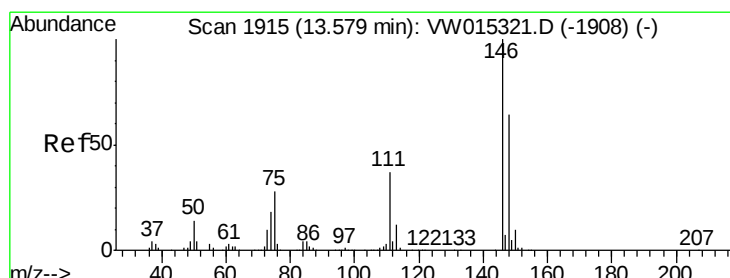
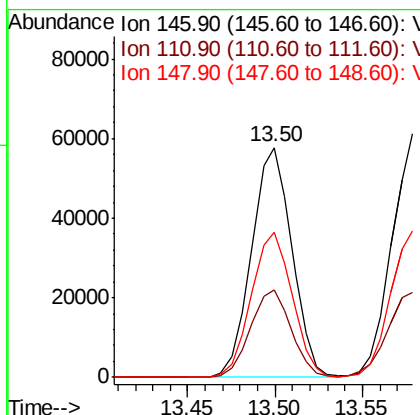
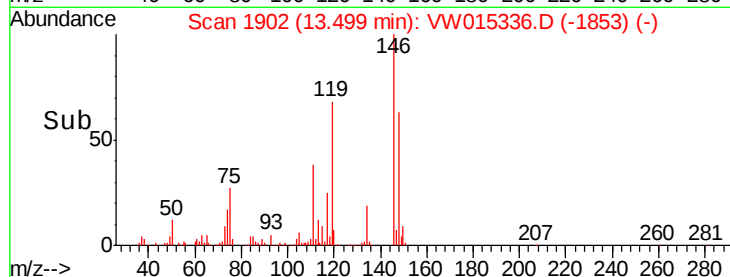
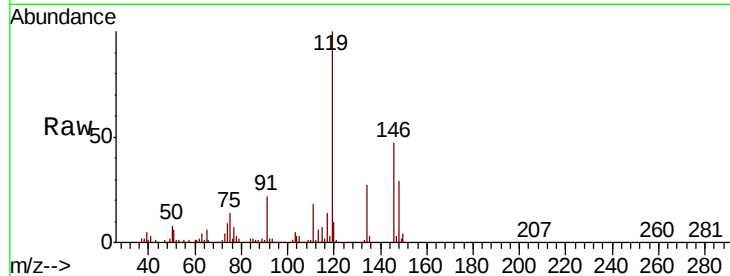
Instrument :
MSVOA_W

ClientSampleId :
VW0424SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	21.1	63.4
148	64.1	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 20.442 ug/l

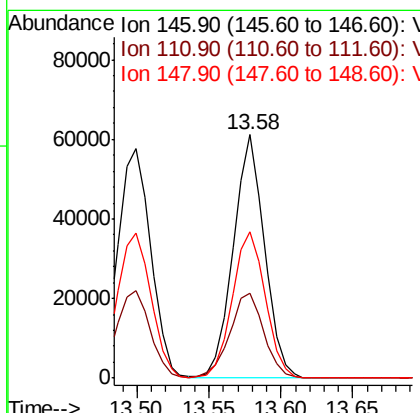
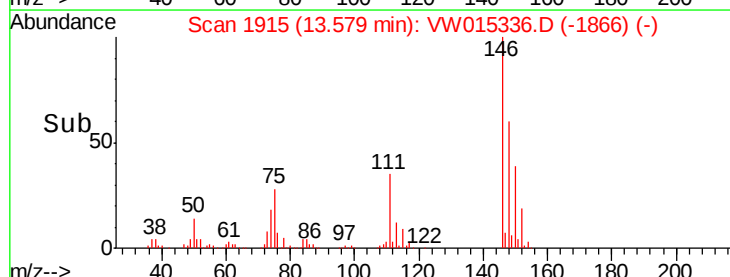
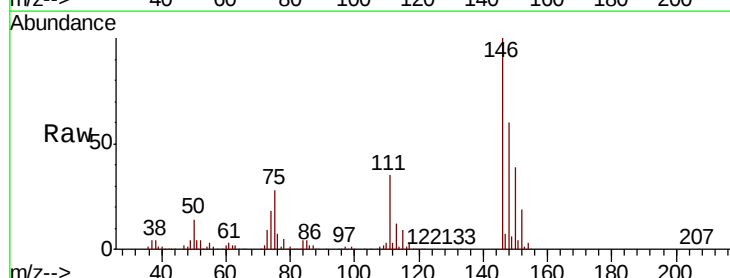
RT: 13.58 min Scan# 1915

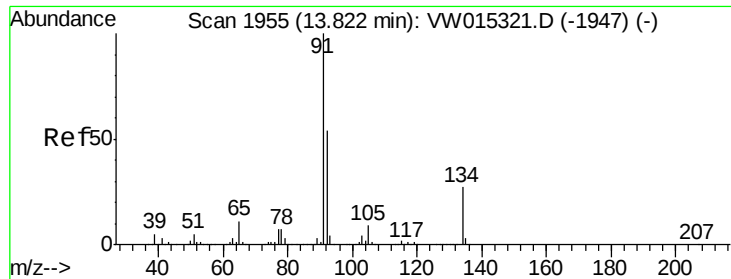
Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.4	61.3
148	63.9	31.5	94.5





#89

n-Butylbenzene

Concen: 19.443 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

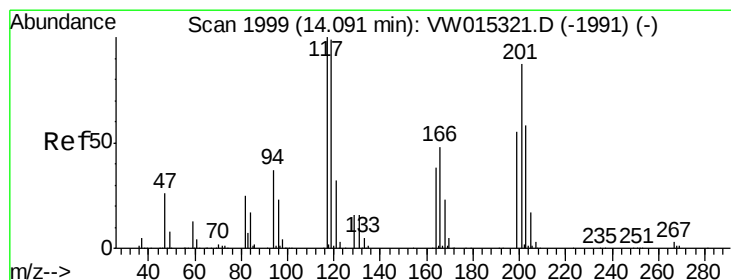
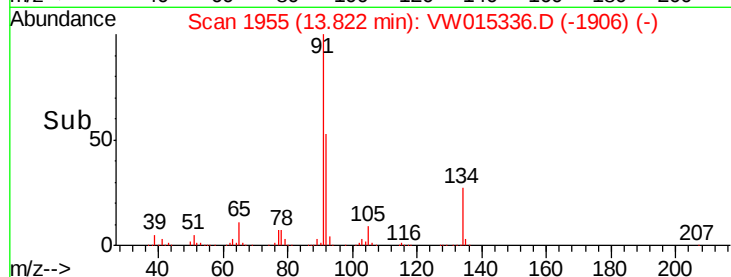
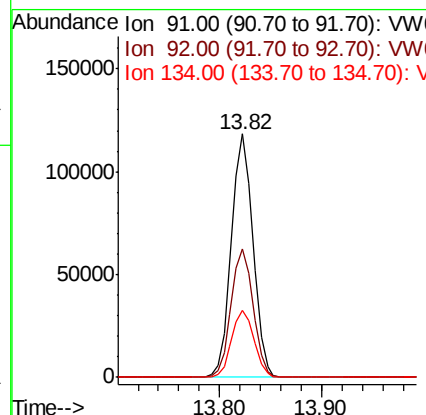
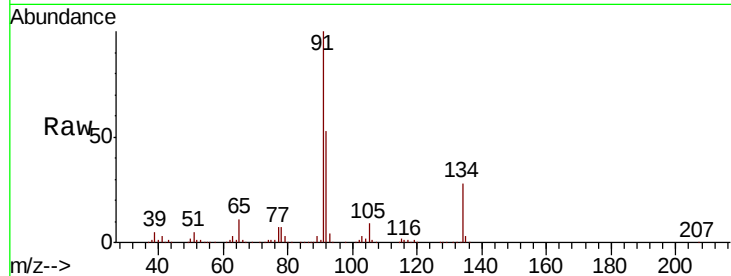
ClientSampleId :

VW0424SBS01

Tot Ion:	91	Resp:	173159
Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.6	82.7
134	28.5	12.8	38.3

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#90

Hexachloroethane

Concen: 19.091 ug/l

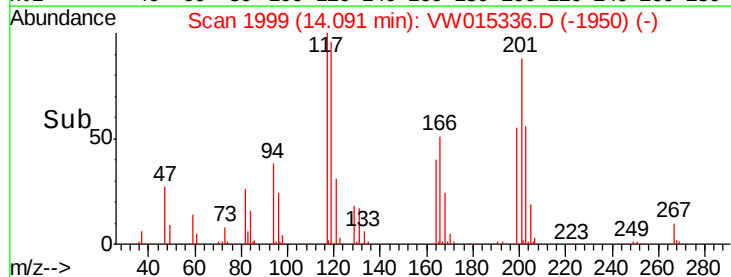
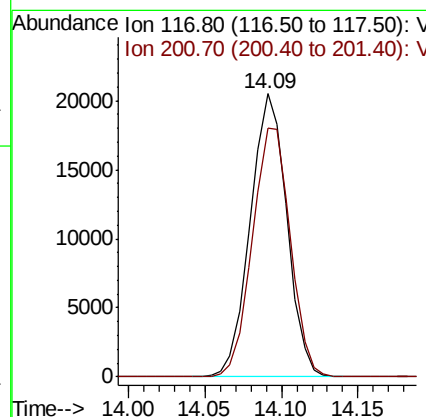
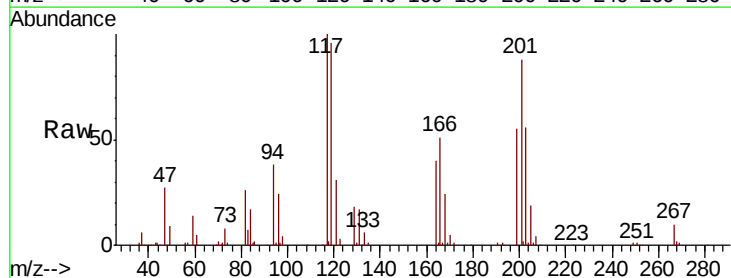
RT: 14.09 min Scan# 1999

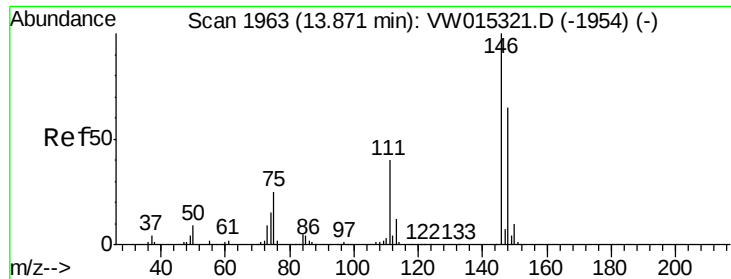
Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Tgt Ion:	117	Resp:	34114
Ion	Ratio	Lower	Upper
117	100		
201	91.3	33.6	100.6





#91

1,2-Dichlorobenzene

Concen: 20.611 ug/l

RT: 13.87 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

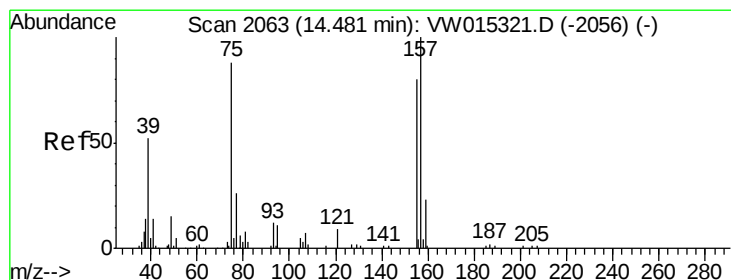
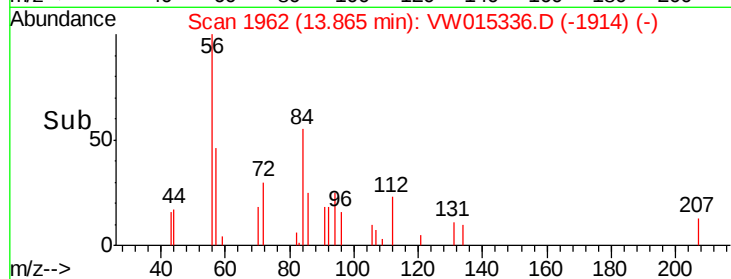
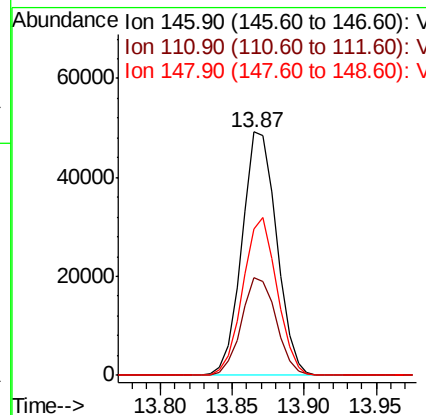
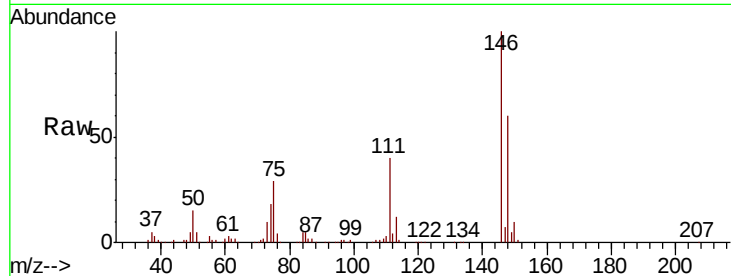
ClientSampleId :

VW0424SBS01

Tot Ion:	146	Resp:	82451
Ion Ratio	Lower	Upper	
146	100		
111	39.9	21.6	65.0
148	63.3	31.0	93.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 22.712 ug/l

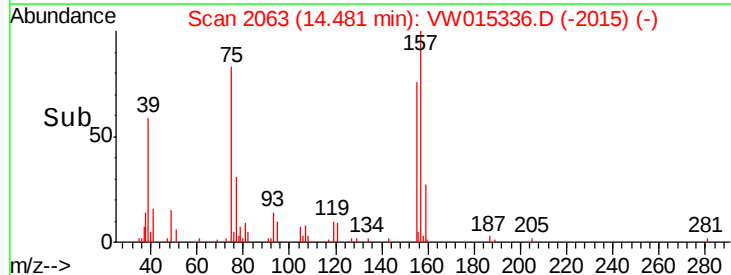
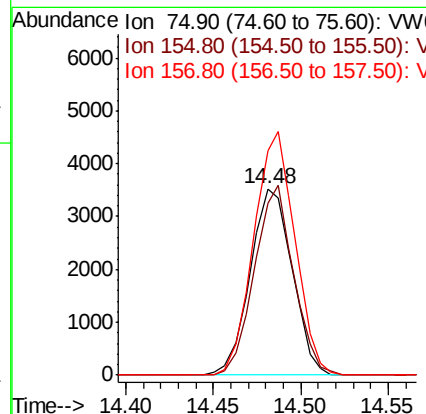
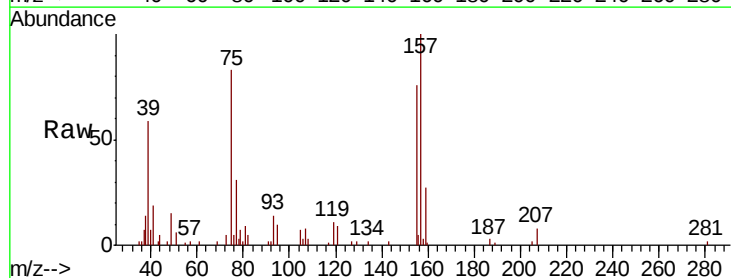
RT: 14.48 min Scan# 2063

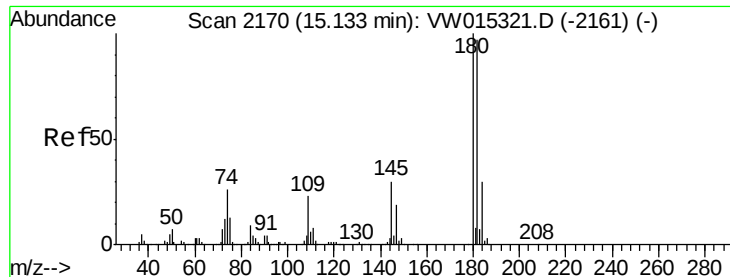
Delta R.T. -0.01 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Tgt Ion:	75	Resp:	5885
Ion Ratio	Lower	Upper	
75	100		
155	95.0	41.6	124.9
157	128.0	53.8	161.2





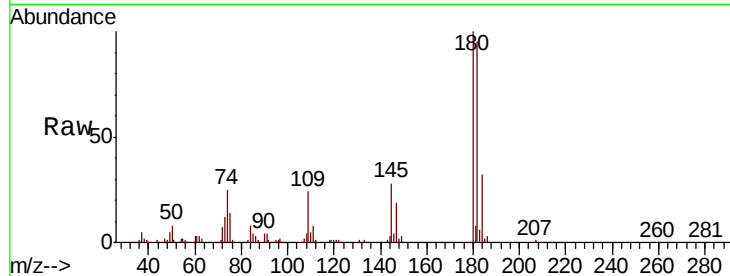
#93
 1,2,4-Trichlorobenzene
 Concen: 21.556 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	59940		
182	95.6		47.1	141.4
145	29.0		16.2	48.6

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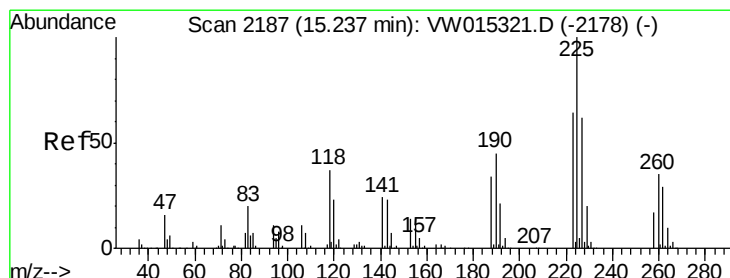
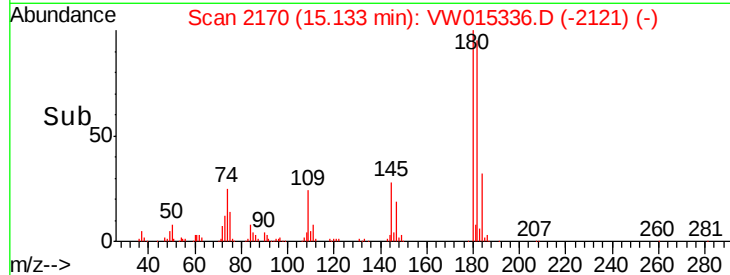
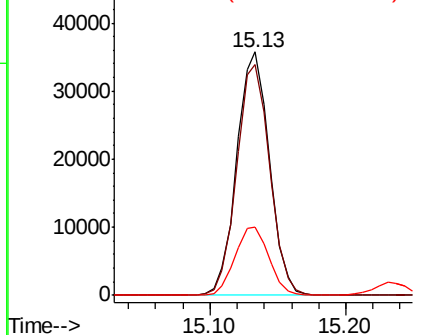


Abundance

Ion 179.80 (179.50 to 180.50): V

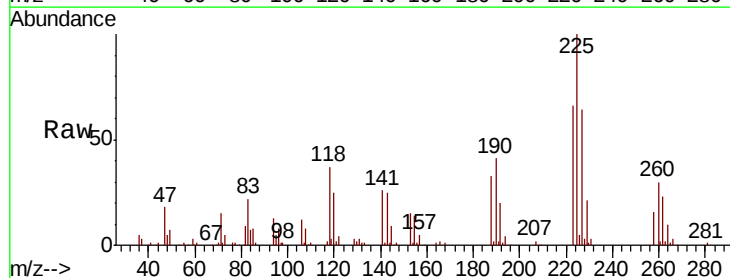
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.370 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	39616		
223	64.7		31.0	93.0
227	62.8		30.8	92.3

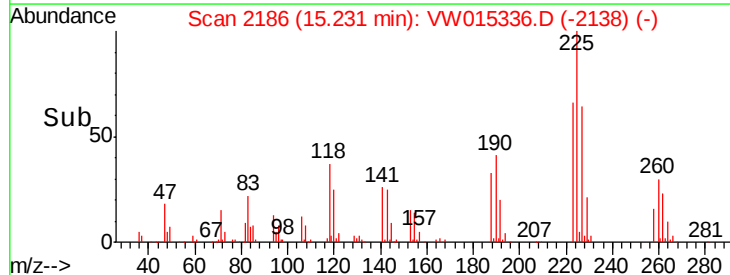
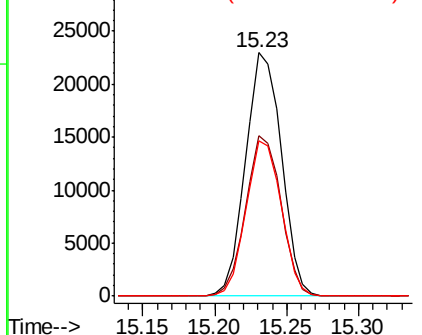


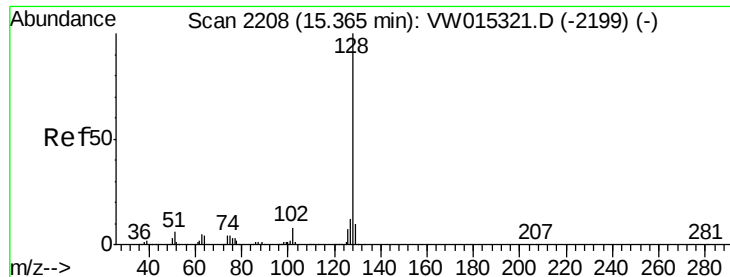
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





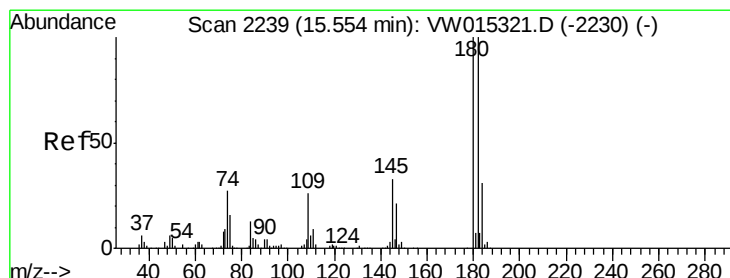
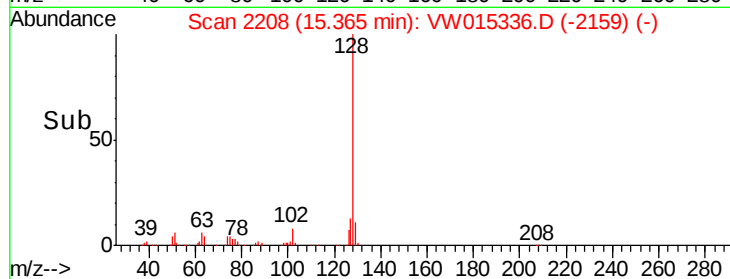
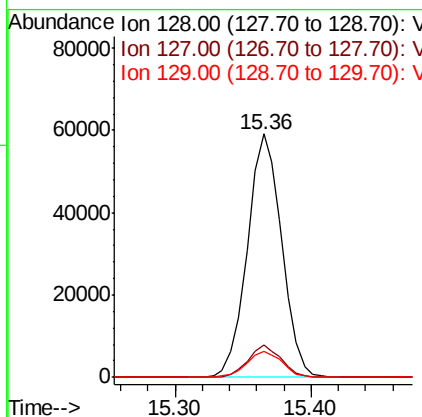
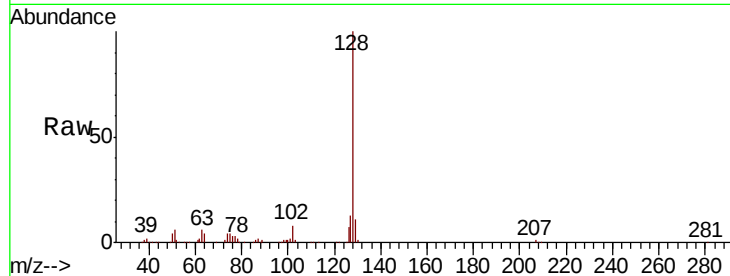
#95
Naphthalene
Concen: 23.324 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.0	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 22.769 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	48.8	146.3
145	30.1	17.2	51.6

