

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014499.D
 Acq On : 03 Jan 2020 15:14
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 1/6/2020 10:43:22 AM

Quant Time: Jan 03 15:50:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 15:27:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	872381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1332204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1165702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	557727	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	765324	114.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	228.90%	
35) Dibromofluoromethane	7.88	113	770469	104.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.36%	
50) Toluene-d8	10.32	98	3200091	106.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.30%	
62) 4-Bromofluorobenzene	12.62	95	1090921	107.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	499315	105.709	ug/l	100
3) Chloromethane	2.21	50	561452	110.376	ug/l	98
4) Vinyl Chloride	2.36	62	859816	111.842	ug/l	98
5) Bromomethane	2.77	94	532486	106.124	ug/l	98
6) Chloroethane	2.92	64	513848	111.504	ug/l	100
7) Trichlorofluoromethane	3.25	101	483494	104.218	ug/l	96
8) Diethyl Ether	3.68	74	440070	113.044	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	821994	106.811	ug/l	99
10) Methyl Iodide	4.27	142	1274302	102.989	ug/l	100
11) Tert butyl alcohol	5.16	59	292083	667.106	ug/l	100
12) 1,1-Dichloroethene	4.04	96	873144	109.590	ug/l	97
13) Acrolein	3.89	56	330078	669.609	ug/l	98
14) Allyl chloride	4.66	41	1352430	110.261	ug/l	99
15) Acrylonitrile	5.36	53	1005870	609.326	ug/l	99
16) Acetone	4.11	43	1049183	692.171	ug/l	99
17) Carbon Disulfide	4.39	76	2653581	115.093	ug/l	97
18) Methyl Acetate	4.66	43	499699	120.526	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	1060563	109.306	ug/l	100
20) Methylene Chloride	4.91	84	874879	97.932	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	920491	107.699	ug/l	96
22) Diisopropyl ether	6.31	45	2471282	110.120	ug/l	99
23) Vinyl Acetate	6.25	43	7666084	577.410	ug/l	99
24) 1,1-Dichloroethane	6.21	63	1567243	110.569	ug/l	99
25) 2-Butanone	7.17	43	1367403	629.600	ug/l	100
26) 2,2-Dichloropropane	7.16	77	808084	99.409	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	979583	108.102	ug/l	100
28) Bromochloromethane	7.51	49	638152	134.207	ug/l	100
29) Tetrahydrofuran	7.52	42	833232	618.967	ug/l	99
30) Chloroform	7.67	83	1465144	105.246	ug/l	100
31) Cyclohexane	7.95	56	1550451	104.609	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	1181218	107.733	ug/l	99
36) 1,1-Dichloropropene	8.08	75	1252650	100.258	ug/l	99
37) Ethyl Acetate	7.24	43	562439	111.051	ug/l	98
38) Carbon Tetrachloride	8.07	117	1107979	99.085	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	1667883	103.857	ug/l	99
40) Benzene	8.32	78	3563564	100.933	ug/l	100
41) Methacrylonitrile	7.48	41	358823	115.815	ug/l	89
42) 1,2-Dichloroethane	8.40	62	913455	101.820	ug/l	100
43) Isopropyl Acetate	8.42	43	1055759	111.117	ug/l	99
44) Trichloroethene	9.09	130	979386	97.993	ug/l	93
45) 1,2-Dichloropropane	9.37	63	875156	103.275	ug/l	98
46) Dibromomethane	9.45	93	430899	103.647	ug/l	99
47) Bromodichloromethane	9.64	83	1095519	103.293	ug/l	98
48) Methyl methacrylate	9.43	41	522855	111.442	ug/l	99
49) 1,4-Dioxane	9.44	88	162483	2455.065	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	2684836	559.430	ug/l	99
52) Toluene	10.38	92	2263845	99.813	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	1160865	107.357	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	1397707	105.175	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	627038	101.324	ug/l	98
56) Ethyl methacrylate	10.64	69	878906	111.971	ug/l	100
57) 1,3-Dichloropropane	10.93	76	1108457	104.355	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	1550476	462.823	ug/l	99
59) 2-Hexanone	10.96	43	1917448	580.591	ug/l	99
60) Dibromochloromethane	11.13	129	740262	102.077	ug/l	99
61) 1,2-Dibromoethane	11.23	107	603866	102.988	ug/l	99
64) Tetrachloroethene	10.86	164	817735	92.669	ug/l	97
65) Chlorobenzene	11.65	112	2337360	97.617	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	797792	95.911	ug/l	99
67) Ethyl Benzene	11.73	91	4253506	98.550	ug/l	100
68) m/p-Xylenes	11.84	106	3248363	194.995	ug/l	98
69) o-Xylene	12.16	106	1518213	99.138	ug/l	100
70) Styrene	12.18	104	2596529	98.909	ug/l	100
71) Bromoform	12.35	173	443526	100.084	ug/l #	99
73) Isopropylbenzene	12.46	105	4168836	103.920	ug/l	99
74) N-amyl acetate	12.27	43	962222	118.622	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	721798	109.603	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	550688m	126.715	ug/l	
77) Bromobenzene	12.74	156	949112	99.352	ug/l	99
78) n-propylbenzene	12.80	91	4887495	105.053	ug/l	100
79) 2-Chlorotoluene	12.89	91	2728757	104.244	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	3490476	103.420	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	251685	114.153	ug/l	99
82) 4-Chlorotoluene	12.99	91	2843773	103.840	ug/l	100
83) tert-Butylbenzene	13.20	119	3083027	102.969	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	3466029	103.921	ug/l	100
85) sec-Butylbenzene	13.38	105	4251126	103.635	ug/l	100
86) p-Isopropyltoluene	13.50	119	3866311	101.508	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	1857265	100.523	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	1809367	98.386	ug/l	100
89) n-Butylbenzene	13.82	91	3642250	105.419	ug/l	99
90) Hexachloroethane	14.09	117	682265	103.157	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	1619209	100.693	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	114949	113.656	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	1150720	98.936	ug/l	98
94) Hexachlorobutadiene	15.23	225	731541	93.735	ug/l	97
95) Naphthalene	15.36	128	2076200	110.901	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	994338	98.862	ug/l	99

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

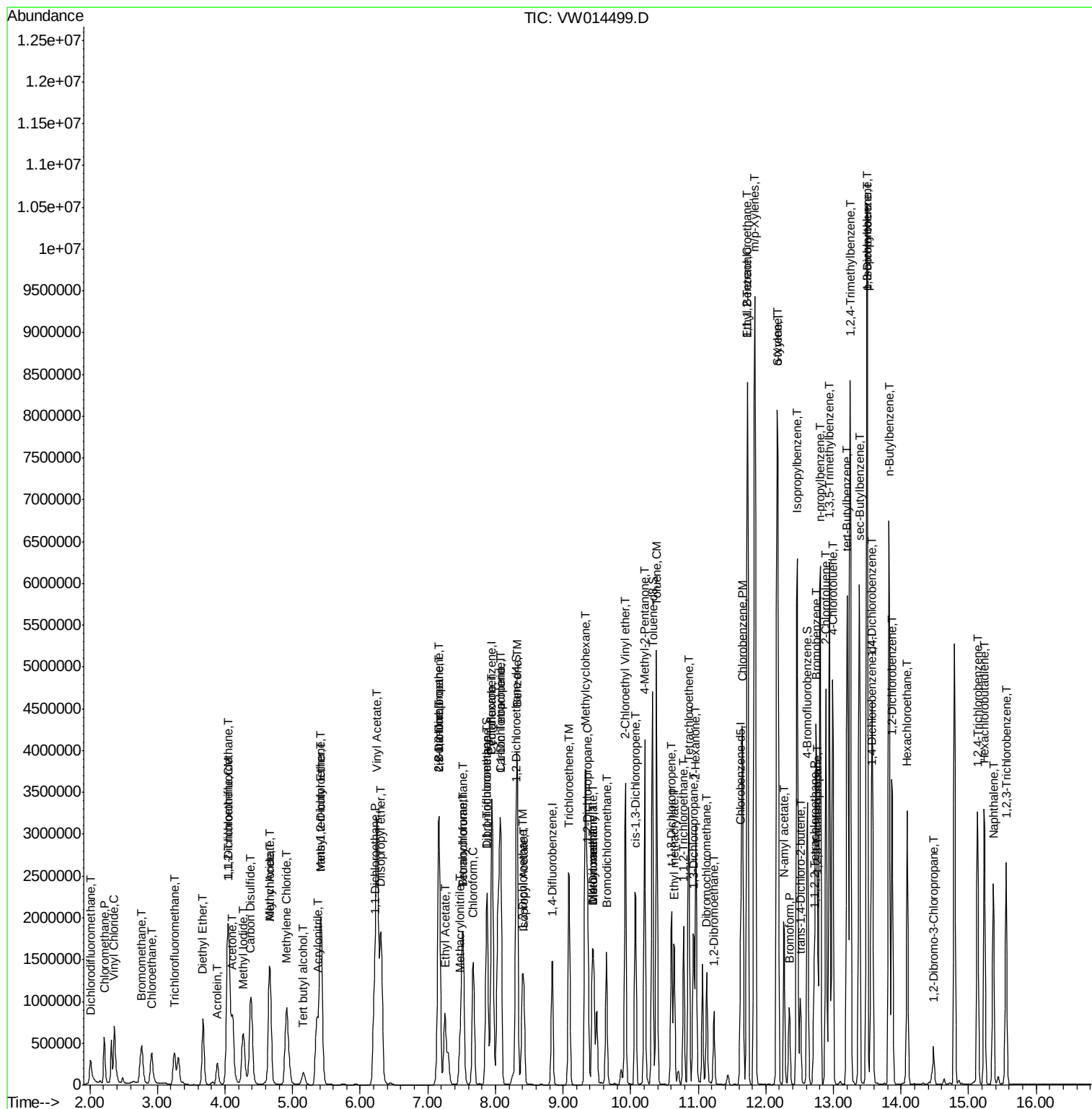
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010320\
Data File : VW014499.D
Acq On : 03 Jan 2020 15:14
Operator : SY/VA
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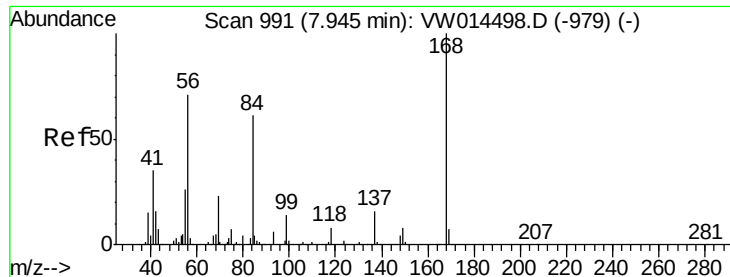
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion:168 Resp: 872381

Ion Ratio Lower Upper

168 100

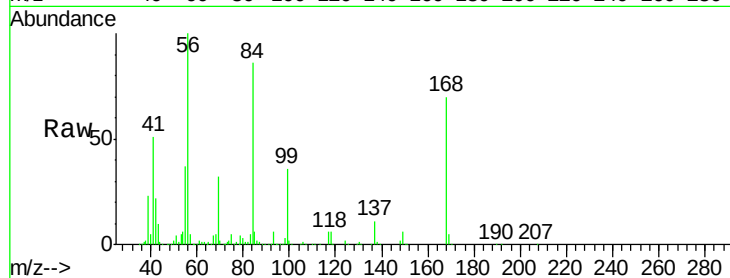
99 51.8 41.1 61.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

400000

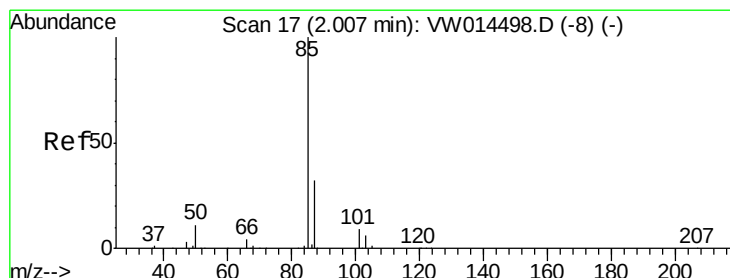
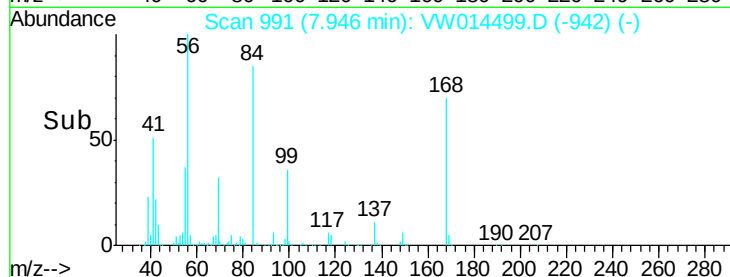
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 105.709 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW014499.D

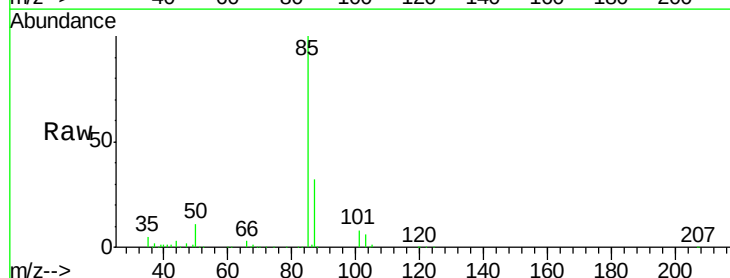
Acq: 03 Jan 2020 15:14

Tgt Ion: 85 Resp: 499315

Ion Ratio Lower Upper

85 100

87 32.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

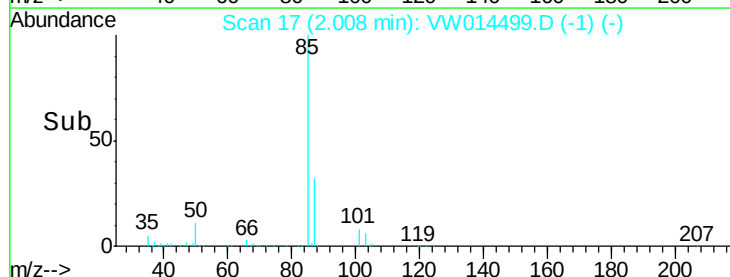
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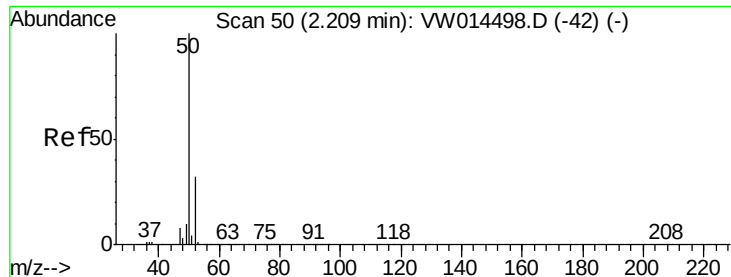
100000

50000

0

Time--> 1.80 2.00 2.20





#3

Chloromethane

Concen: 110.376 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 561452

Ion Ratio Lower Upper

50 100

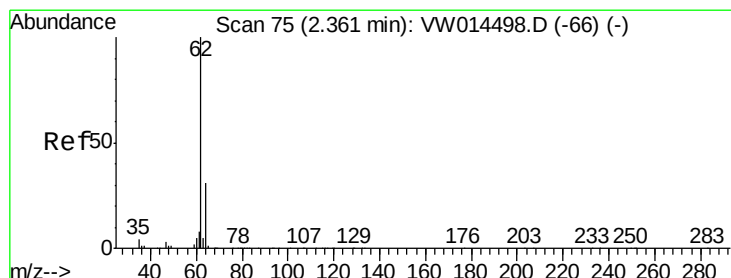
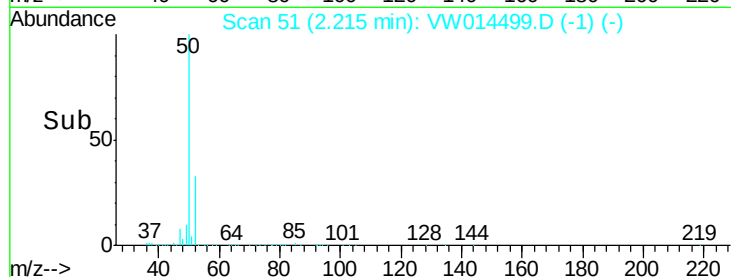
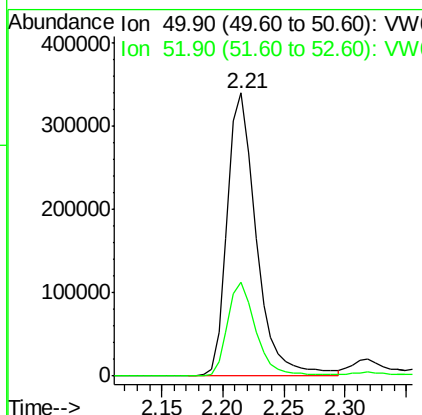
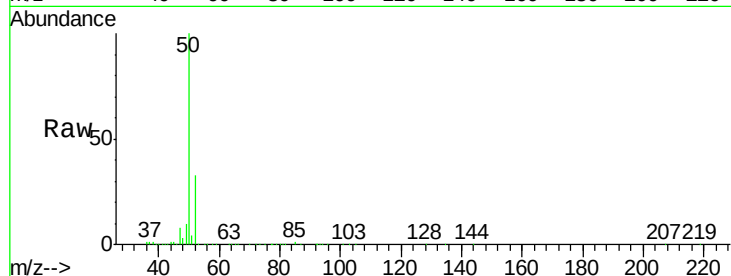
52 33.2 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 111.842 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW014499.D

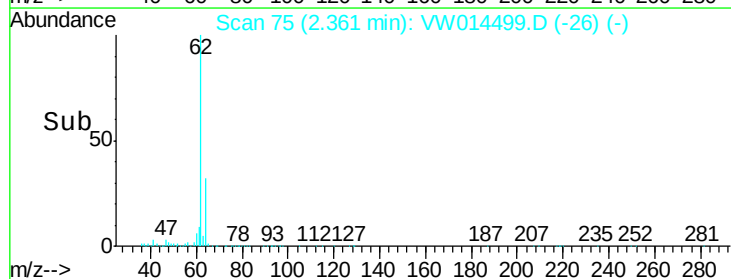
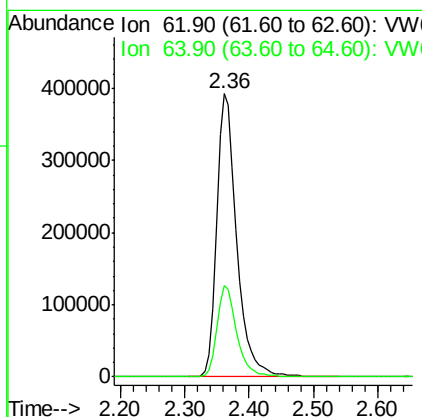
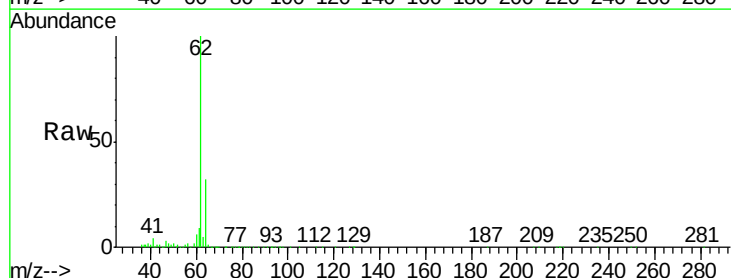
Acq: 03 Jan 2020 15:14

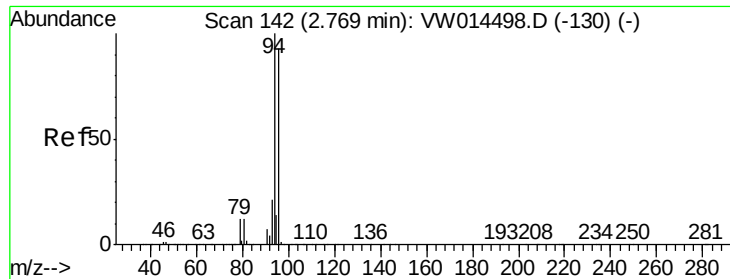
Tgt Ion: 62 Resp: 859816

Ion Ratio Lower Upper

62 100

64 32.4 25.0 37.4





#5

Bromomethane

Concen: 106.124 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 94 Resp: 532486

Ion Ratio Lower Upper

94 100

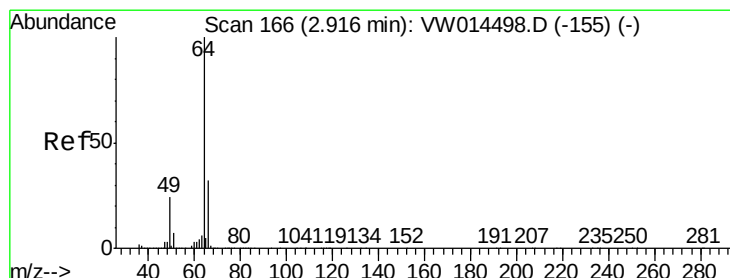
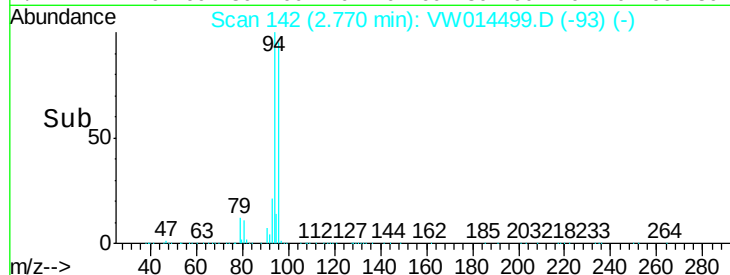
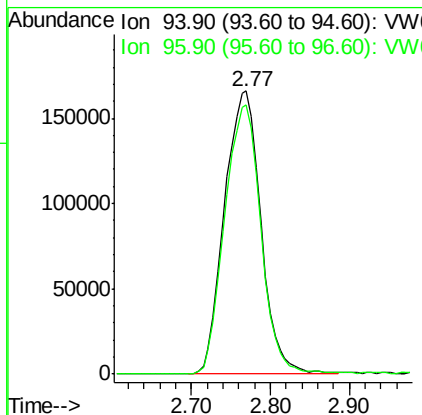
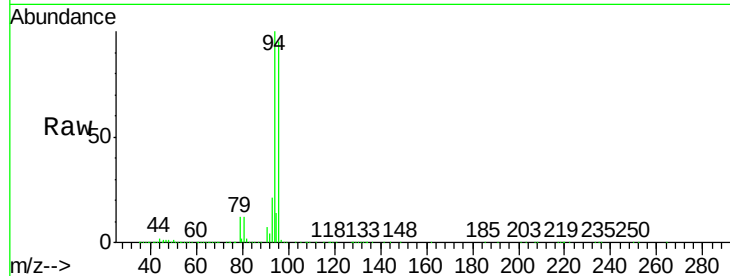
96 95.0 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 111.504 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW014499.D

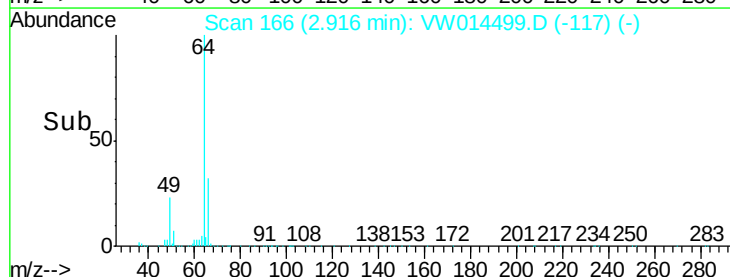
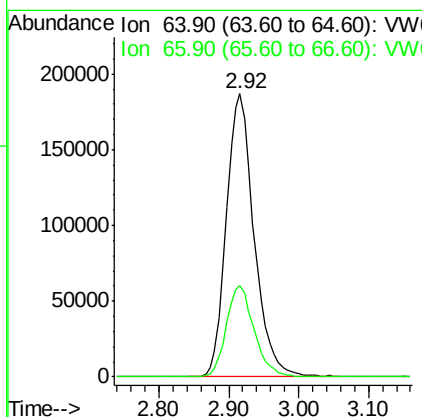
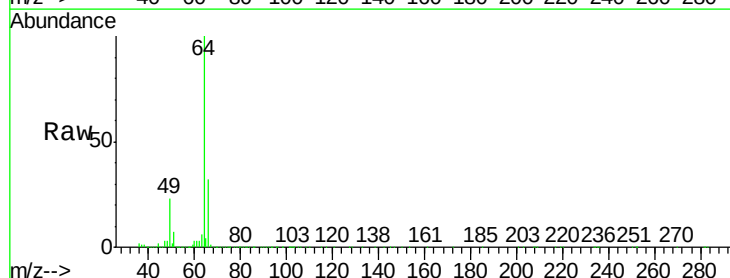
Acq: 03 Jan 2020 15:14

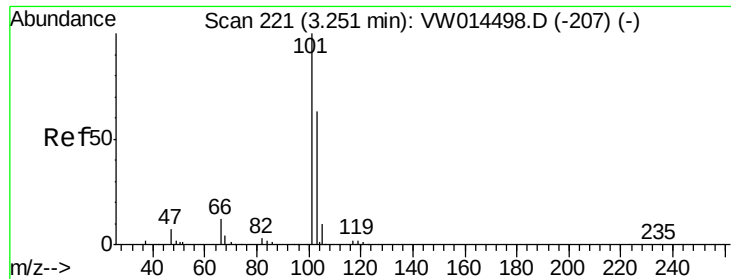
Tgt Ion: 64 Resp: 513848

Ion Ratio Lower Upper

64 100

66 32.3 25.7 38.5





#7

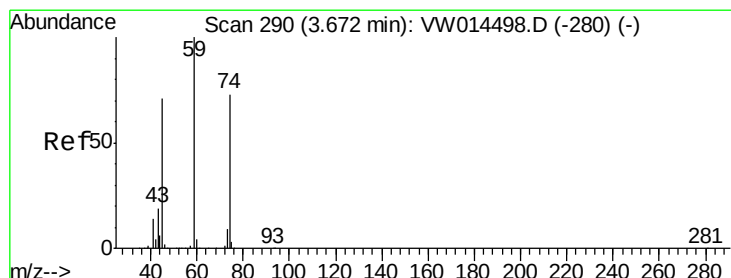
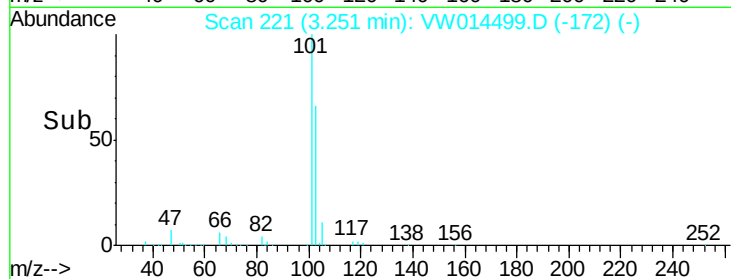
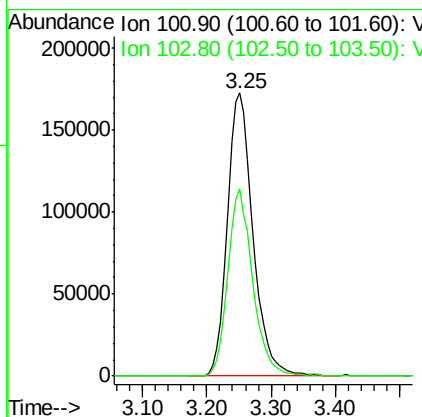
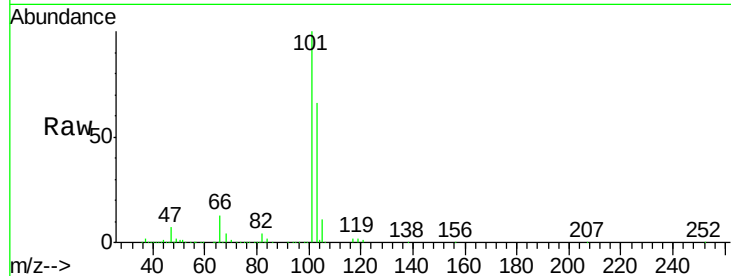
Trichlorofluoromethane
Concen: 104.218 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Instrument :
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ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	50.1	75.1

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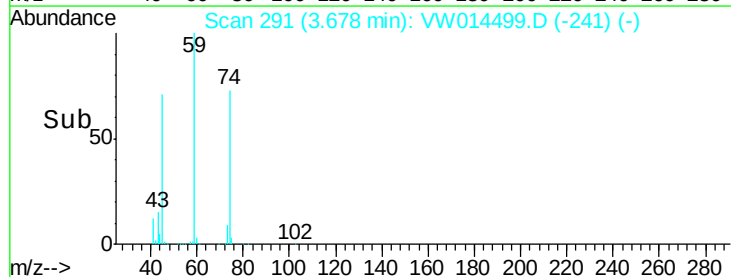
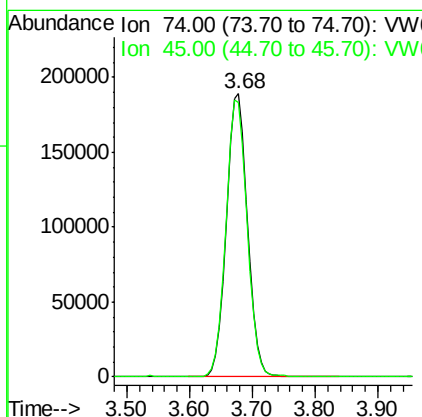
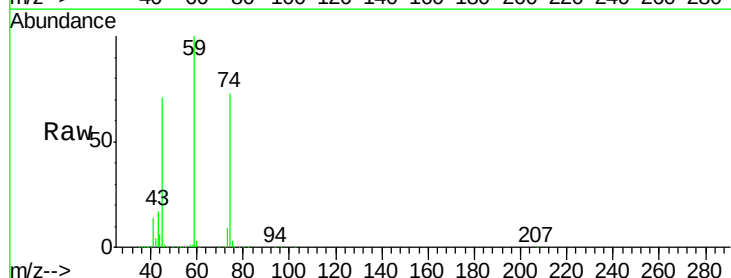
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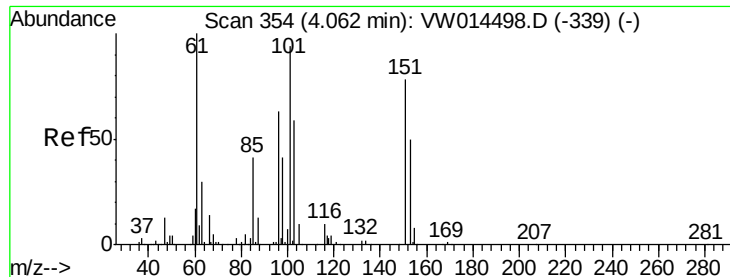


#8

Diethyl Ether
Concen: 113.044 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.01 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.1	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 106.811 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

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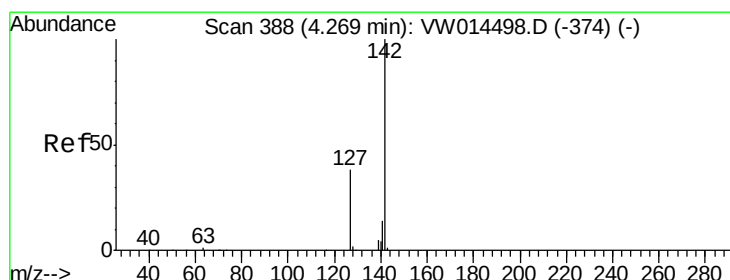
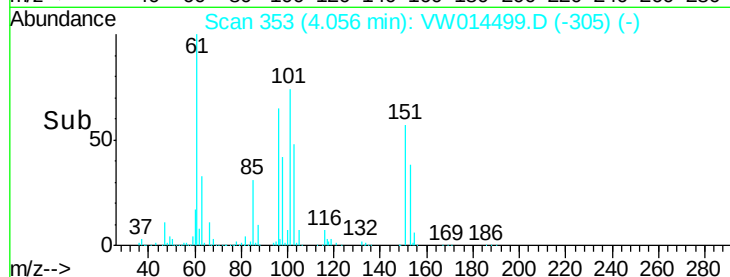
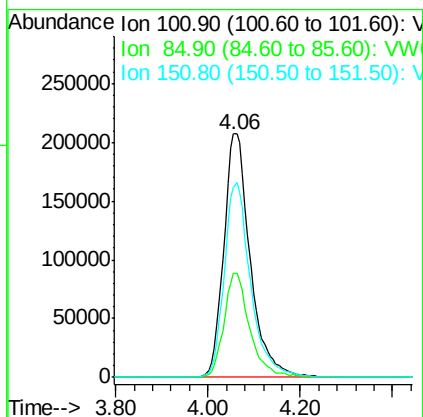
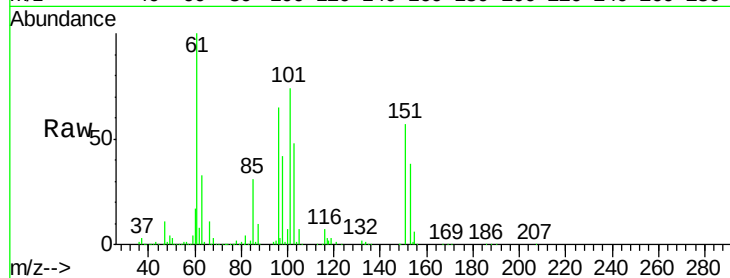
ClientSampled :

VSTDIC100

Tot Ion:	101	Resp:	821994
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.7	50.5
151	79.8	63.5	95.3

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#10

Methyl Iodide

Concen: 102.989 ug/l

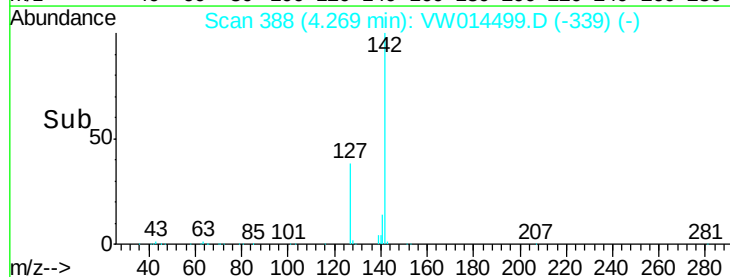
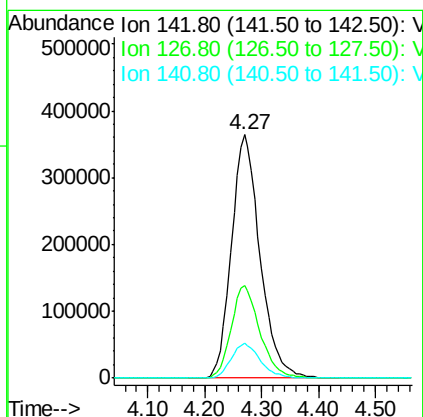
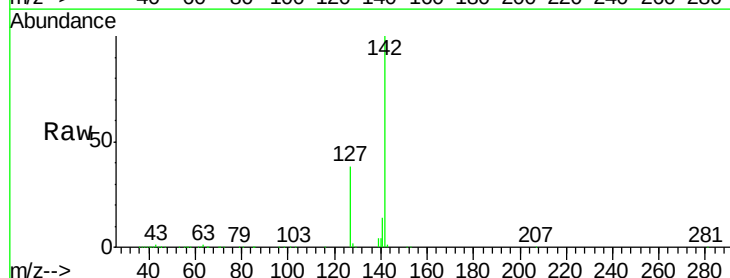
RT: 4.27 min Scan# 388

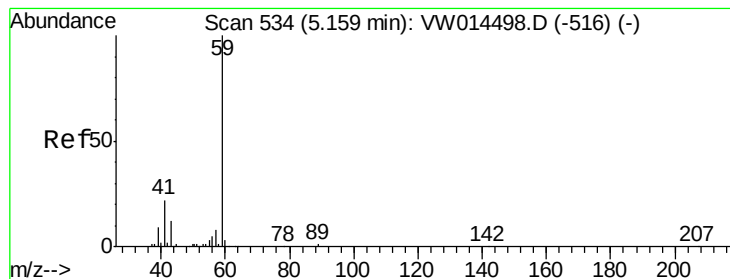
Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Tgt Ion:	142	Resp:	1274302
Ion Ratio	Lower	Upper	
142	100		
127	38.1	30.2	45.4
141	14.5	11.4	17.2





#11

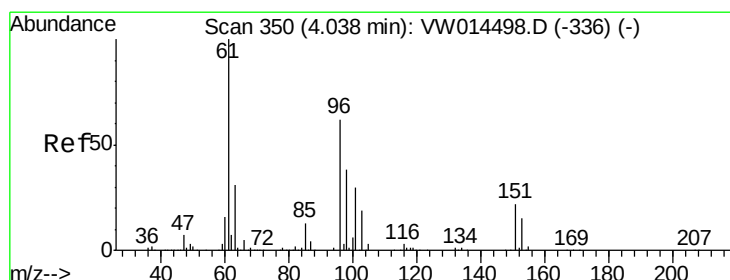
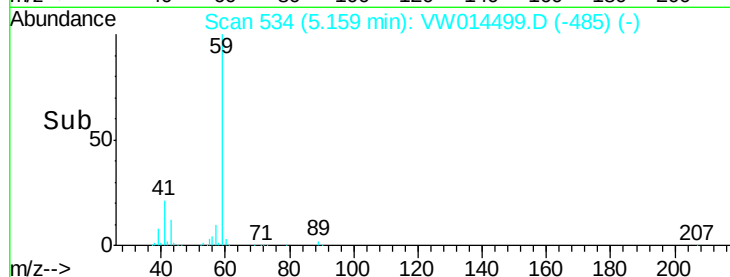
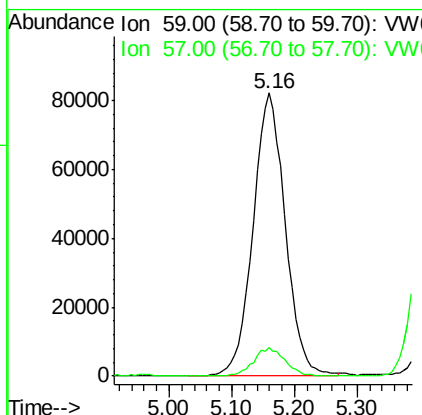
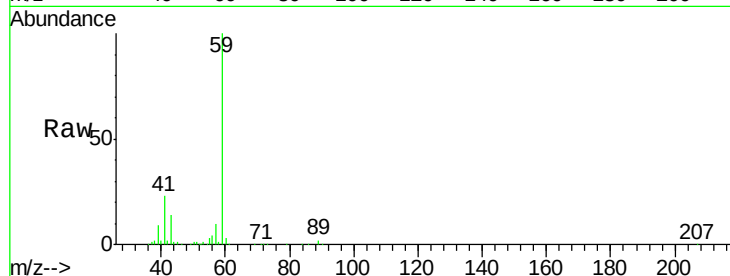
Tert butyl alcohol
 Concen: 667.106 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VW014499.D
 Acq: 03 Jan 2020 15:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.8	11.8

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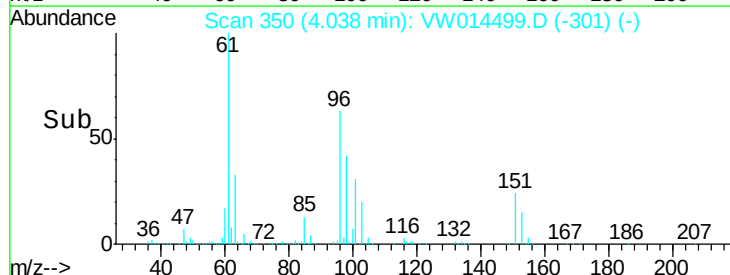
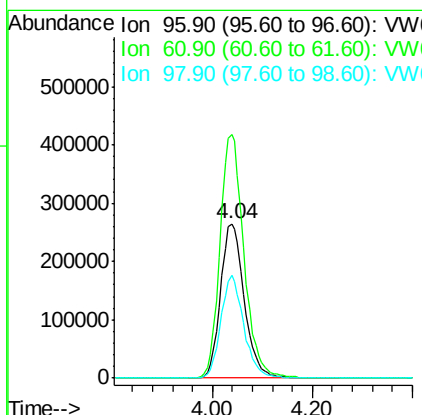
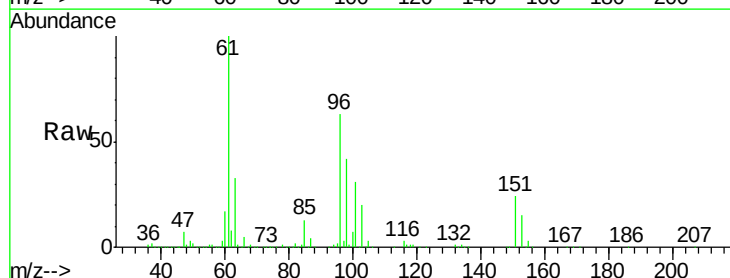
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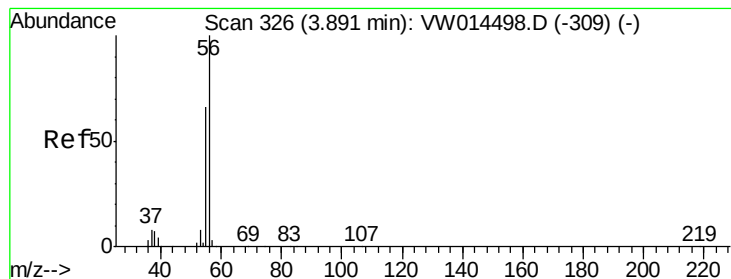


#12

1,1-Dichloroethene
 Concen: 109.590 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW014499.D
 Acq: 03 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.6	128.4	192.6
98	66.3	49.1	73.7





#13

Acrolein

Concen: 669.609 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 56 Resp: 330078

Ion Ratio Lower Upper

56 100

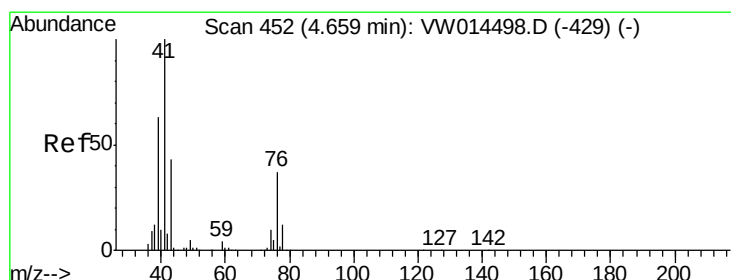
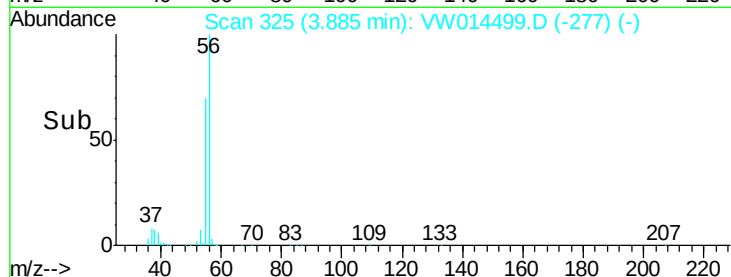
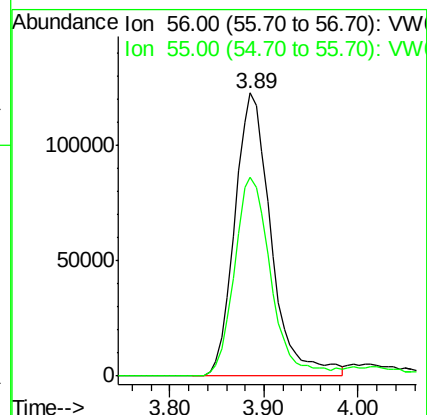
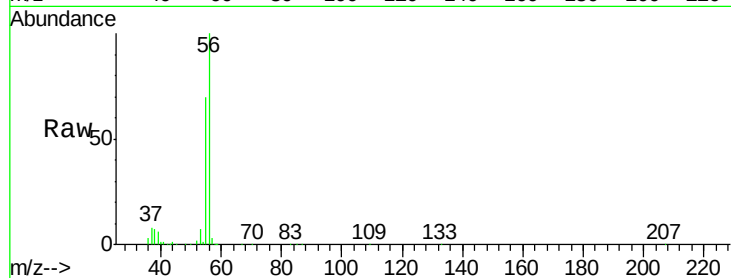
55 69.5 56.7 85.1

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#14

Allyl chloride

Concen: 110.261 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

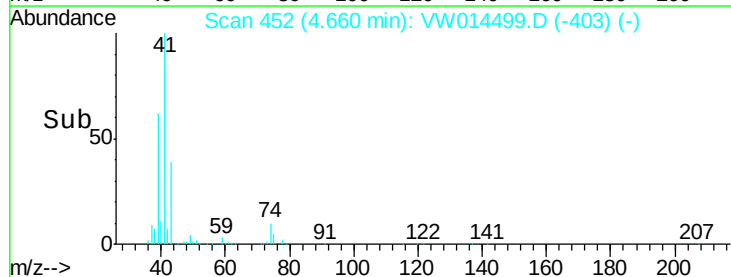
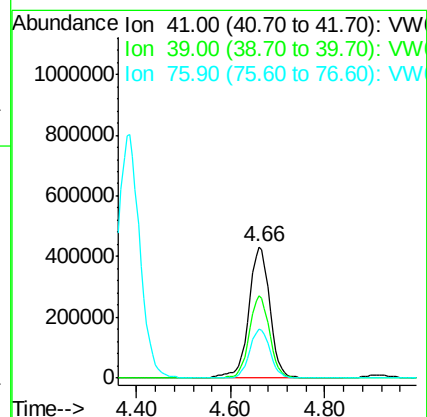
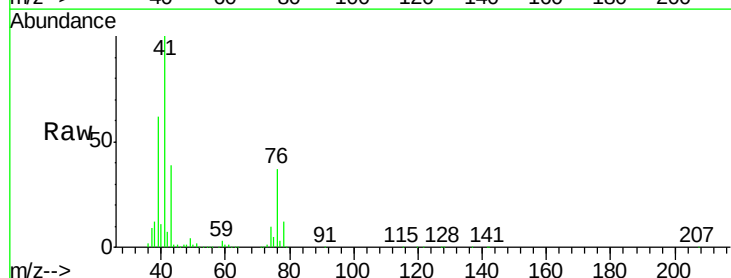
Tgt Ion: 41 Resp: 1352430

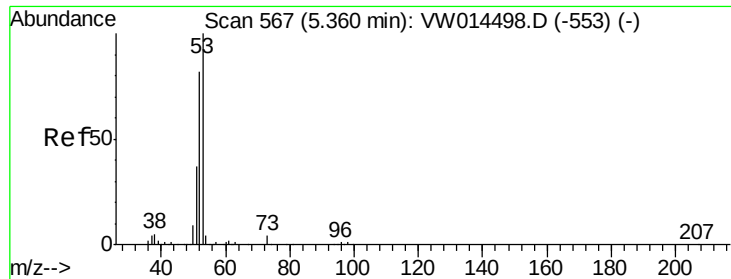
Ion Ratio Lower Upper

41 100

39 60.2 48.5 72.7

76 35.6 28.1 42.1





#15

Acrylonitrile

Concen: 609.326 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 53 Resp: 1005870

Ion Ratio Lower Upper

53 100

52 82.1 66.5 99.7

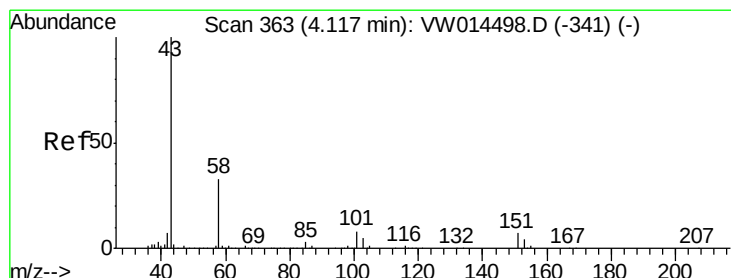
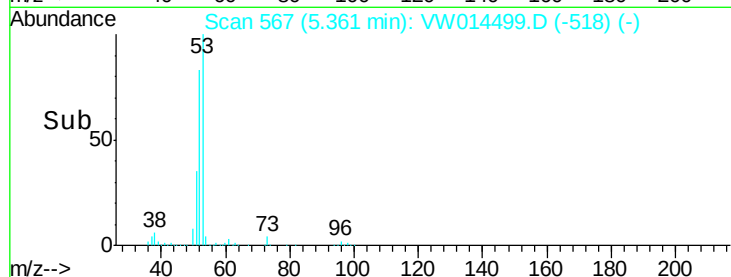
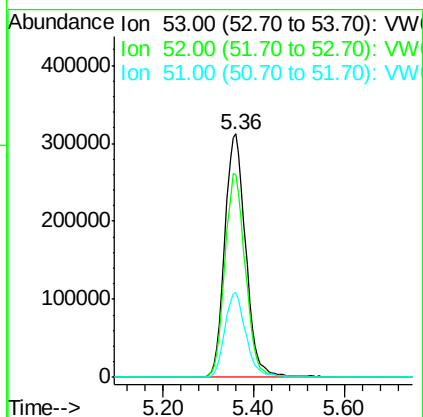
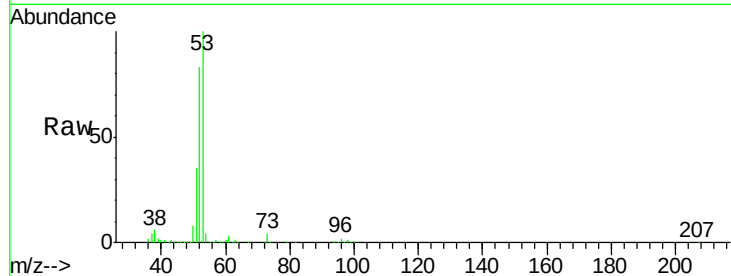
51 35.1 28.4 42.6

Manual Integrations

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#16

Acetone

Concen: 692.171 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW014499.D

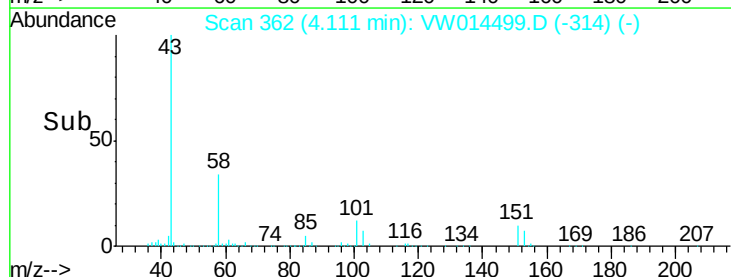
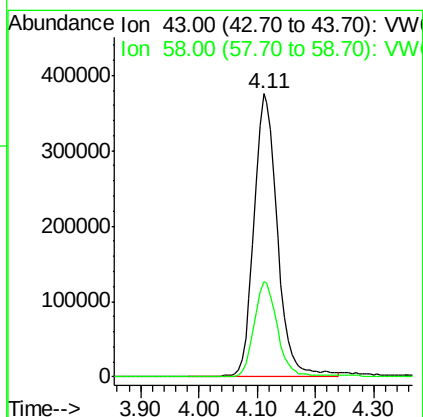
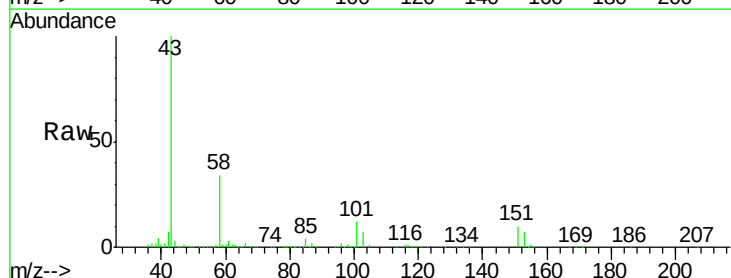
Acq: 03 Jan 2020 15:14

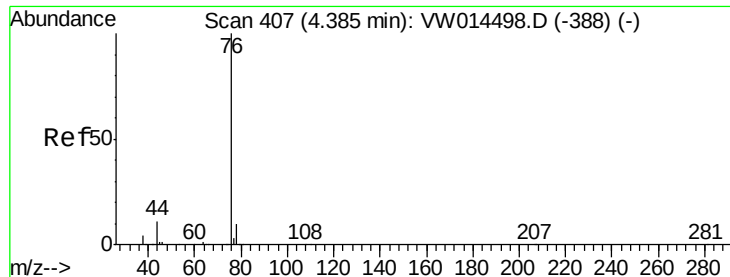
Tgt Ion: 43 Resp: 1049183

Ion Ratio Lower Upper

43 100

58 33.5 26.6 39.8





#17

Carbon Disulfide

Concen: 115.093 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 76 Resp: 2653581

Ion Ratio Lower Upper

76 100

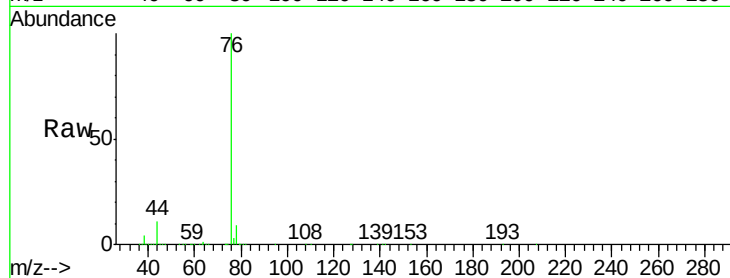
78 8.8 7.8 11.6

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.39

800000

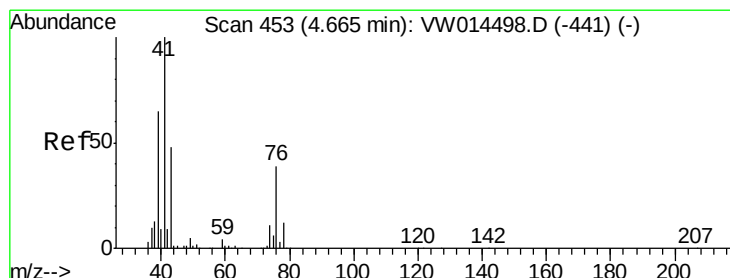
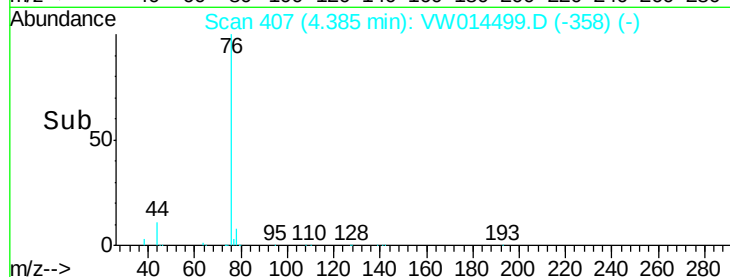
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 120.526 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW014499.D

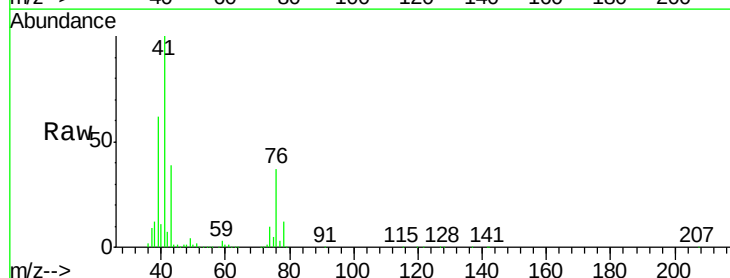
Acq: 03 Jan 2020 15:14

Tgt Ion: 43 Resp: 499699

Ion Ratio Lower Upper

43 100

74 24.7 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.66

200000

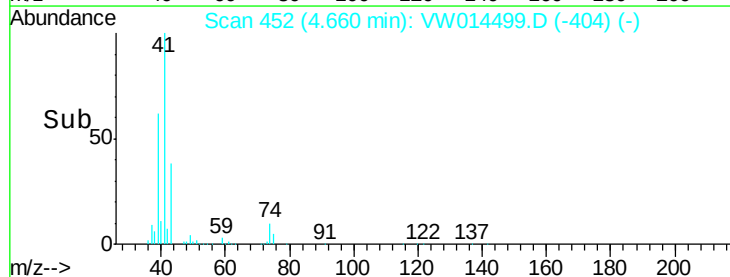
150000

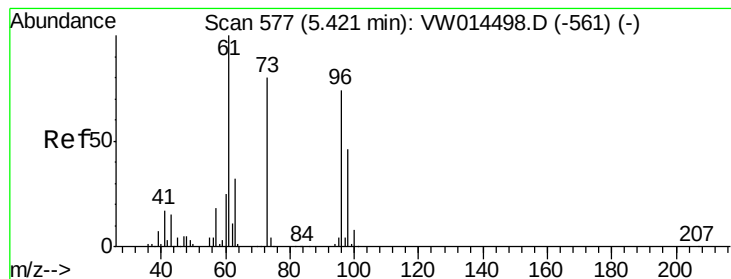
100000

50000

0

Time-->





#19

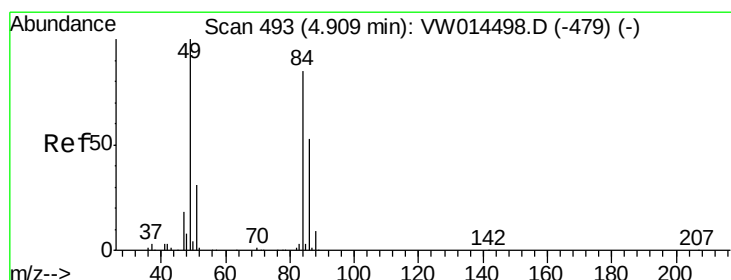
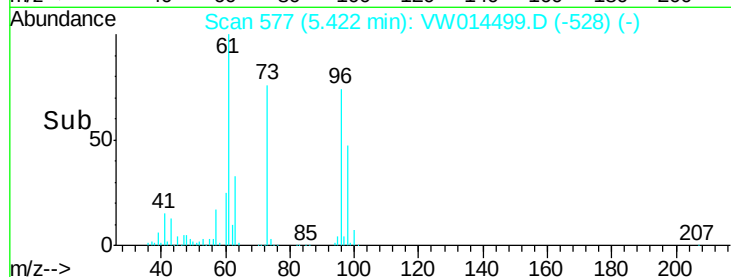
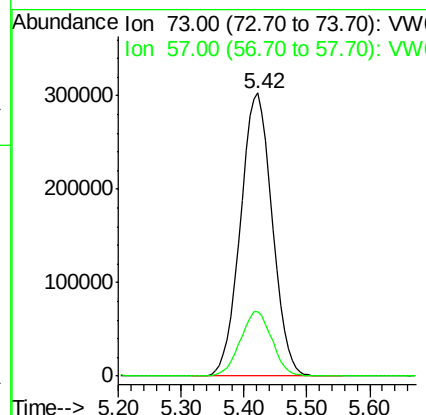
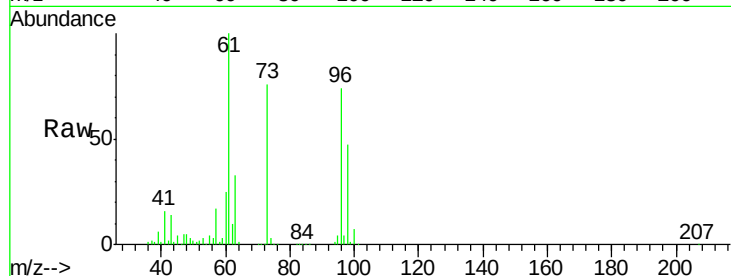
Methyl tert-butyl Ether
 Concen: 109.306 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW014499.D
 Acq: 03 Jan 2020 15:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion: 73 Resp: 1060563
 Ion Ratio Lower Upper
 73 100
 57 22.6 18.1 27.1

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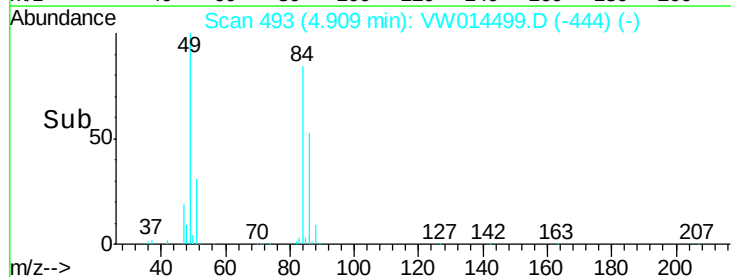
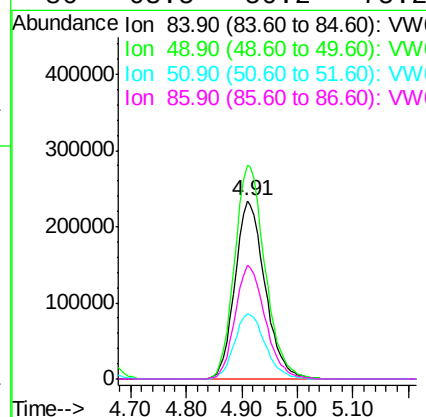
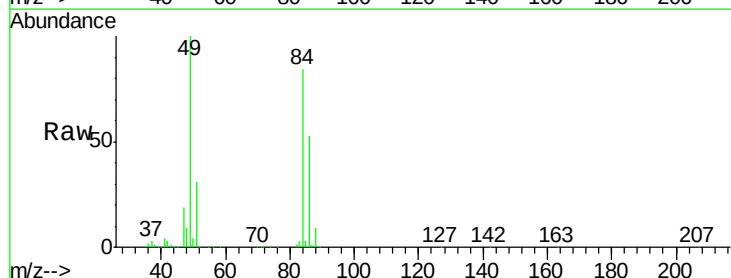
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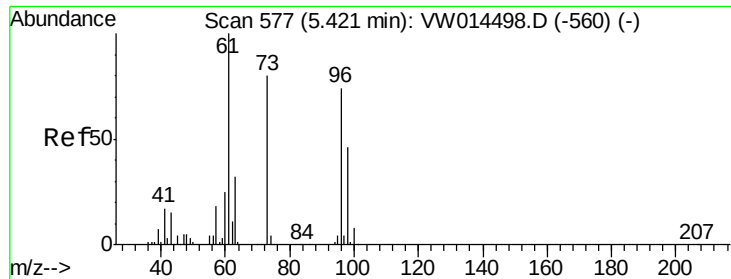


#20

Methylene Chloride
 Concen: 97.932 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW014499.D
 Acq: 03 Jan 2020 15:14

Tgt Ion: 84 Resp: 874879
 Ion Ratio Lower Upper
 84 100
 49 119.7 94.4 141.6
 51 36.6 29.5 44.3
 86 63.5 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 107.699 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Instrument :

MSVOA_W

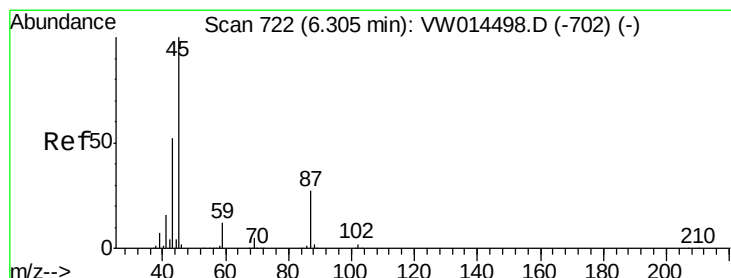
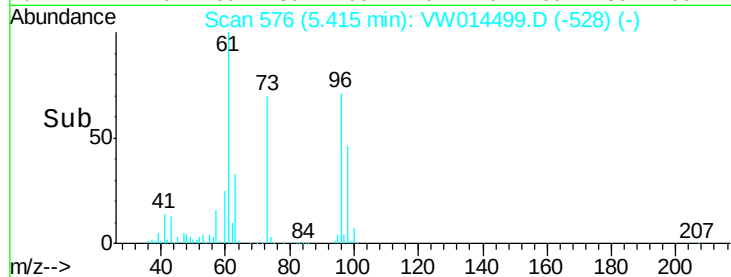
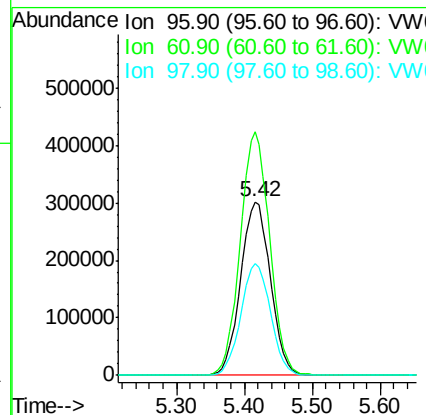
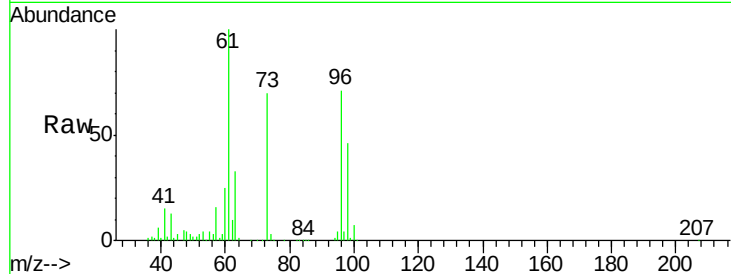
ClientSampled :

VSTDICC100

Tot Ion:	96	Resp:	920491
Ion	Ratio	Lower	Upper
96	100		
61	140.3	107.8	161.6
98	64.4	49.4	74.0

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#22

Diisopropyl ether

Concen: 110.120 ug/l

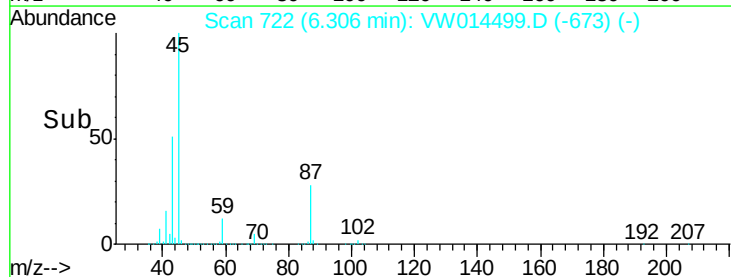
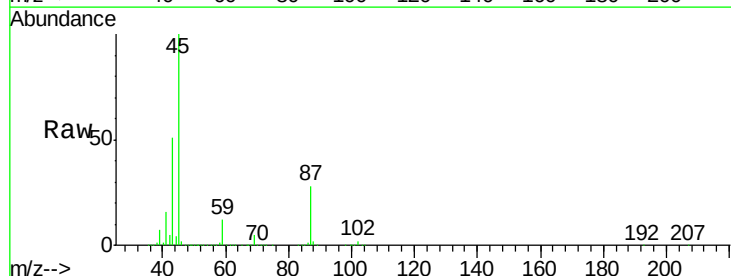
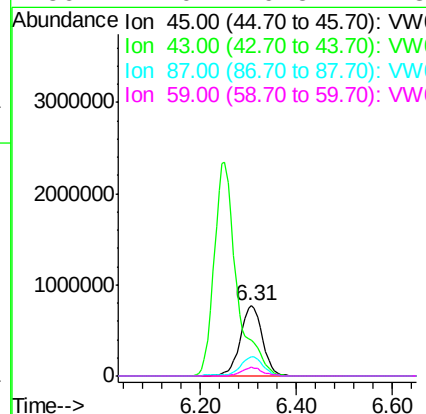
RT: 6.31 min Scan# 722

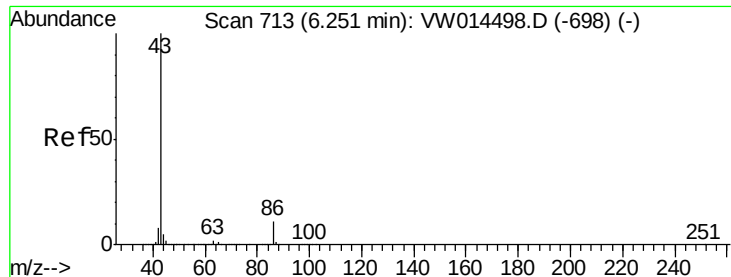
Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Tgt Ion:	45	Resp:	2471282
Ion	Ratio	Lower	Upper
45	100		
43	50.4	41.4	62.0
87	27.5	22.2	33.2
59	12.0	9.5	14.3





#23

Vinyl Acetate

Concen: 577.410 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 7666084

Ion Ratio Lower Upper

43 100

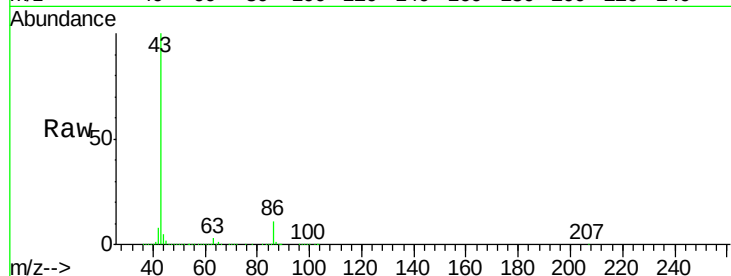
86 11.3 8.8 13.2

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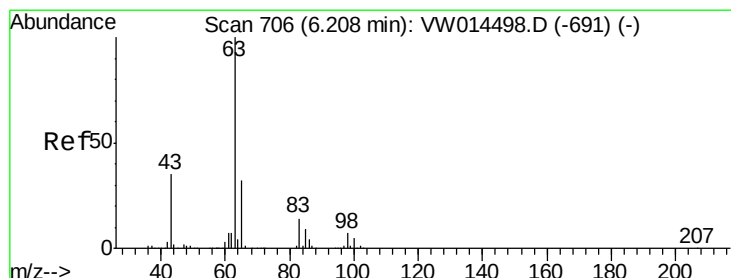
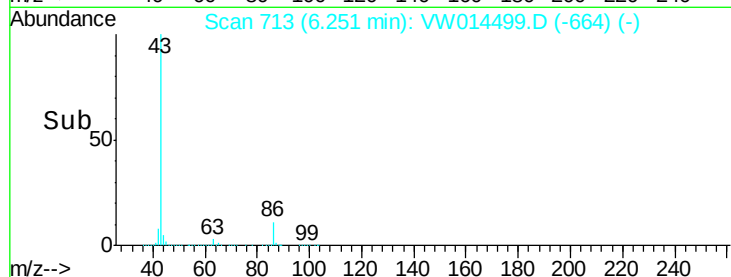
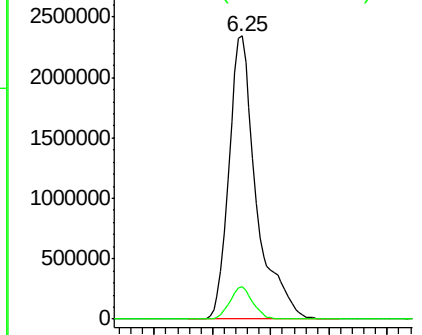
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 110.569 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

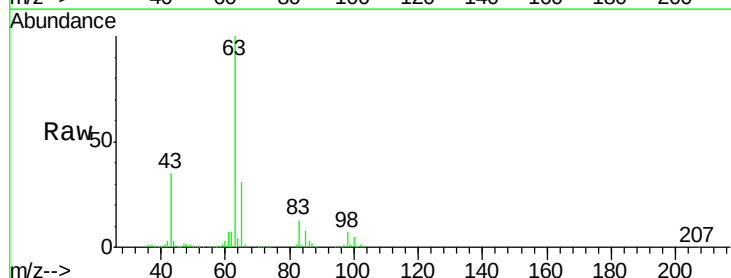
Tgt Ion: 63 Resp: 1567243

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

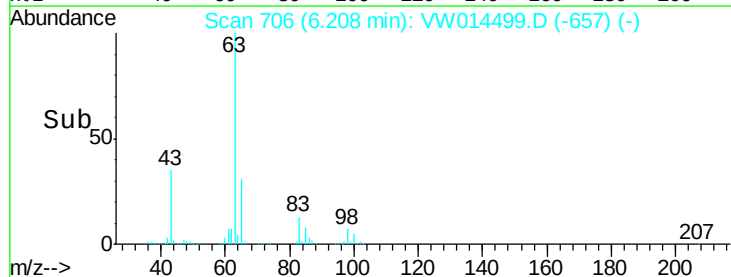
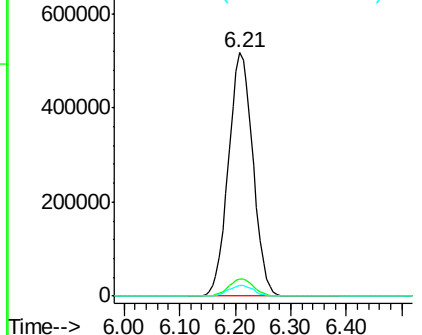
100 4.5 2.5 7.4

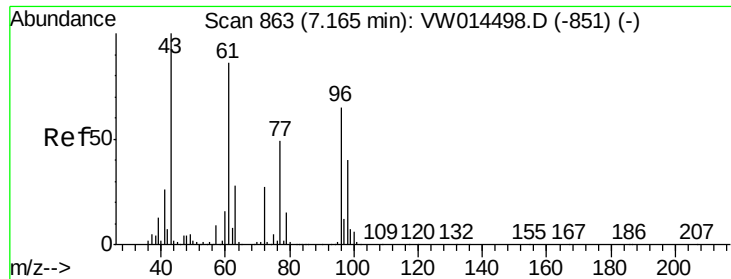


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 629.600 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 1367403

Ion Ratio Lower Upper

43 100

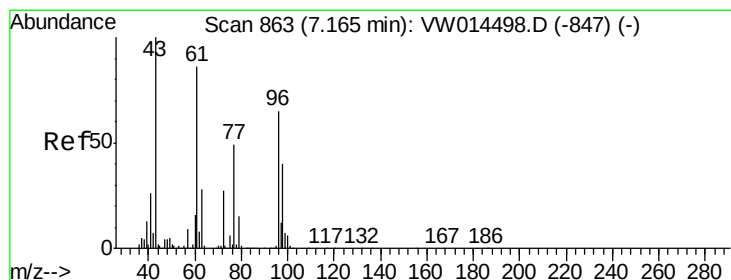
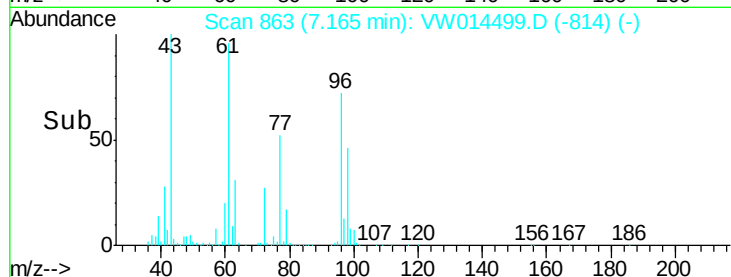
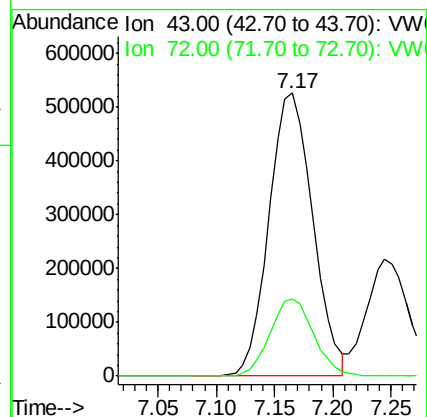
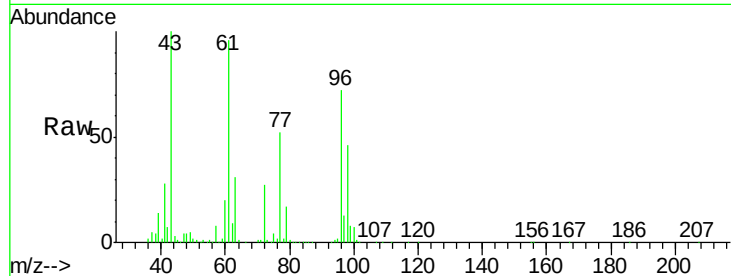
72 27.4 21.9 32.9

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#26

2,2-Dichloropropane

Concen: 99.409 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014499.D

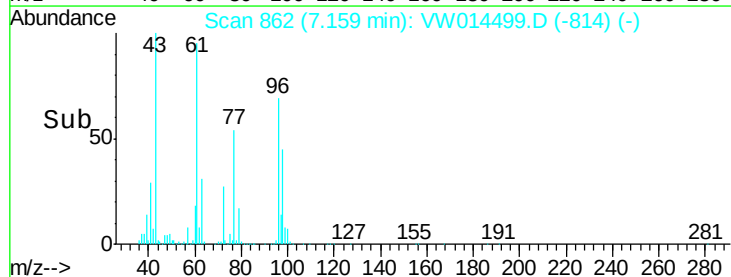
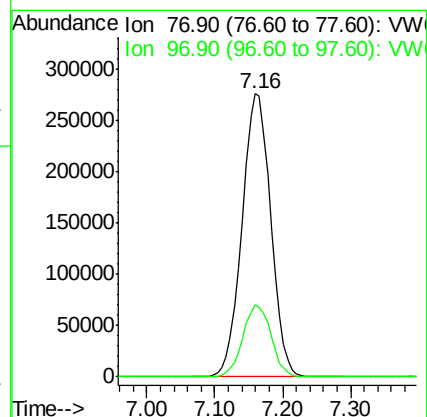
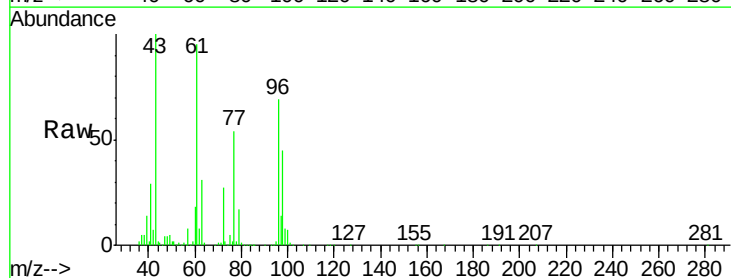
Acq: 03 Jan 2020 15:14

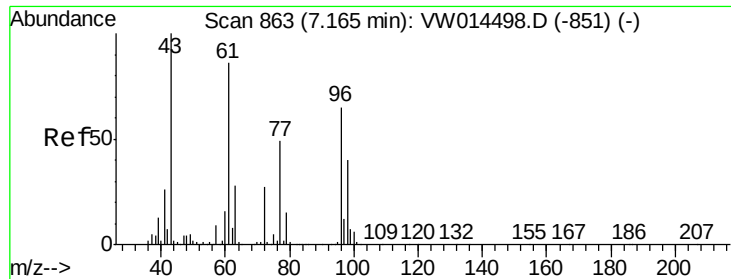
Tgt Ion: 77 Resp: 808084

Ion Ratio Lower Upper

77 100

97 25.0 12.5 37.5





#27

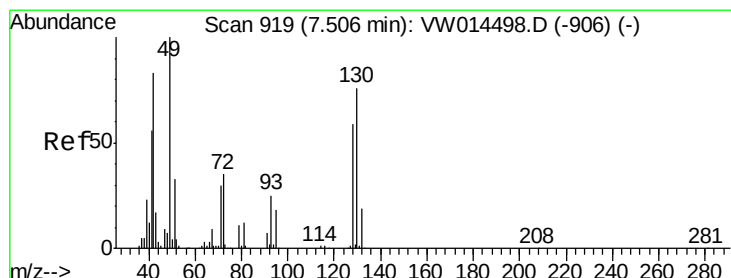
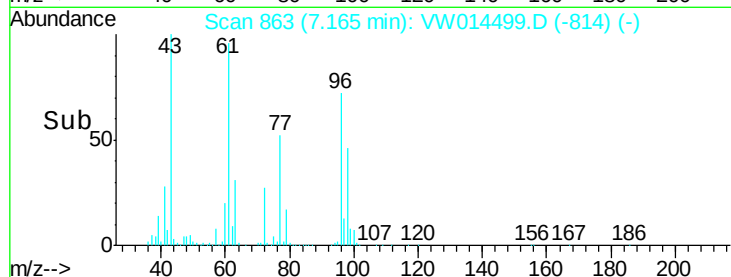
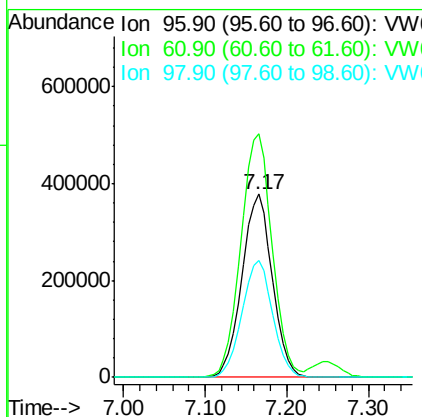
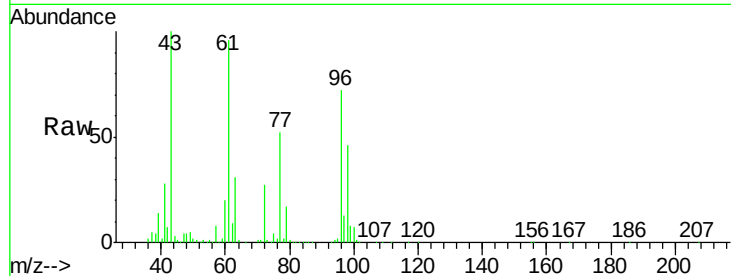
cis-1,2-Dichloroethene
Concen: 108.102 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	979583		
61	136.9	0.0	274.8	
98	64.4	0.0	128.6	

Manual Integrations
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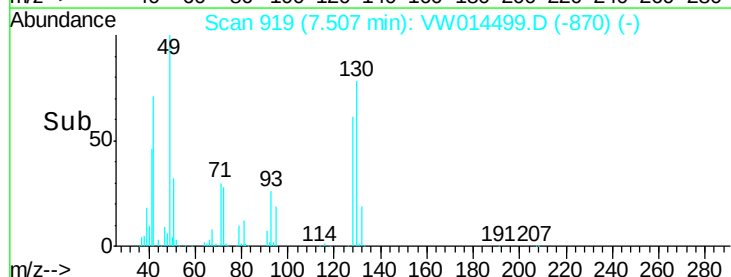
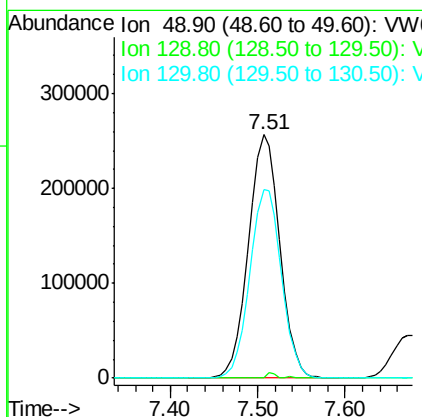
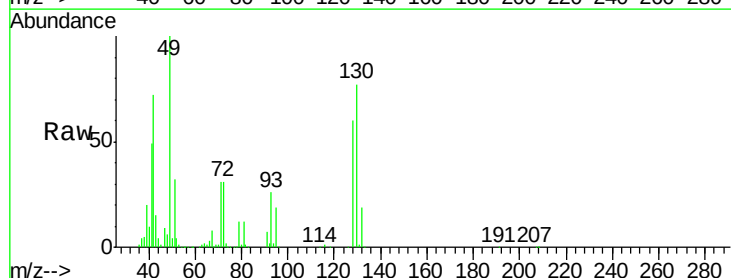
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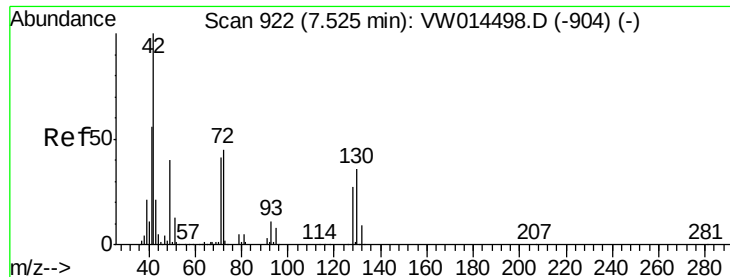


#28

Bromochloromethane
Concen: 134.207 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	638152		
129	0.6	0.0	2.0	
130	78.3	62.5	93.7	





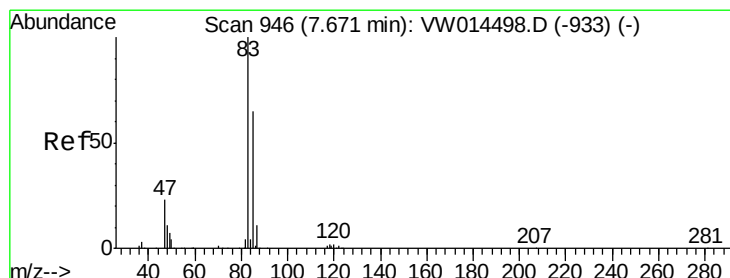
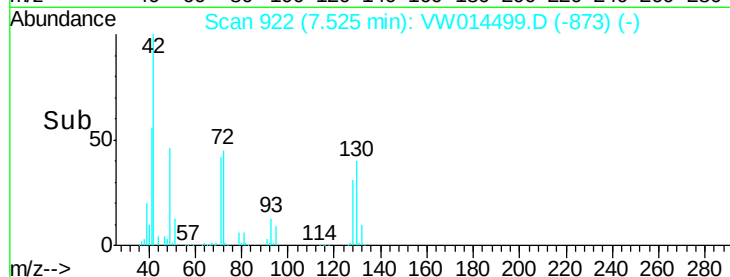
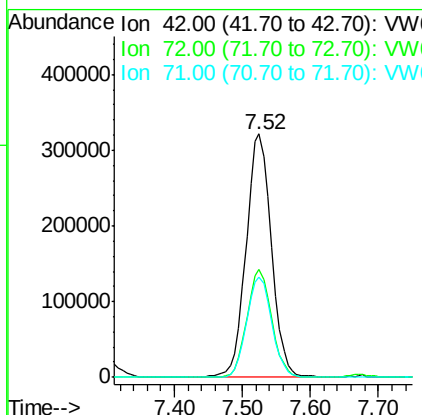
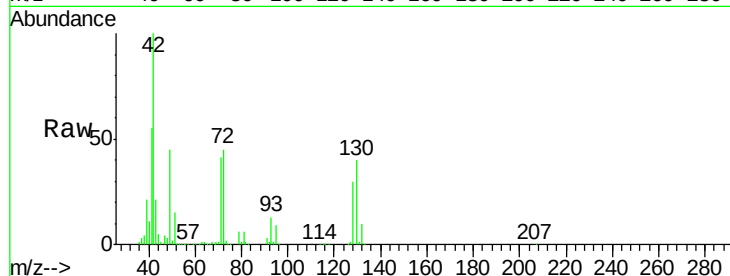
#29
Tetrahydrofuran
Concen: 618.967 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.5	51.7
71	40.9	32.0	48.0

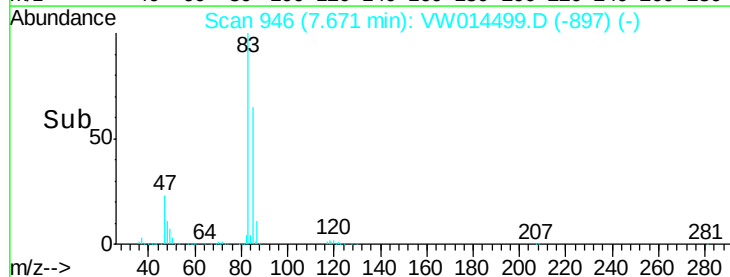
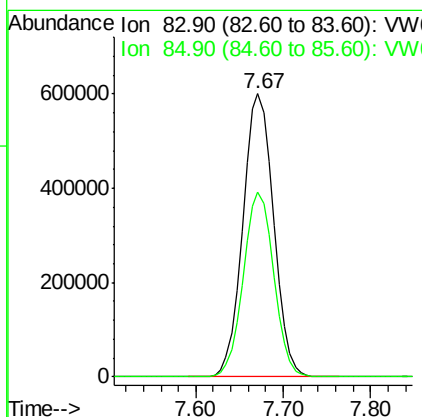
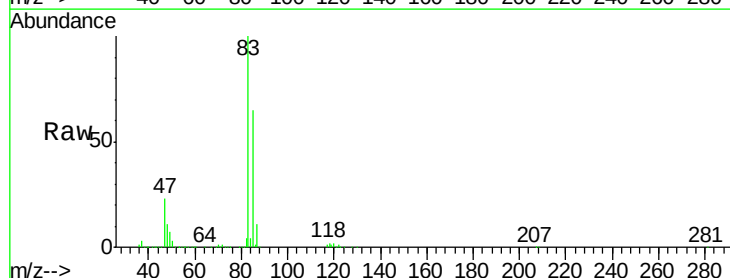
Manual Integrations
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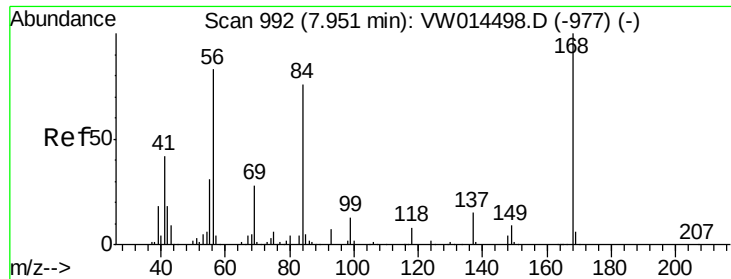
apatel
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#30
Chloroform
Concen: 105.246 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.2	78.2





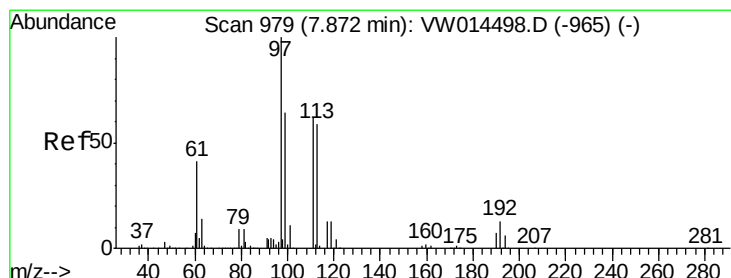
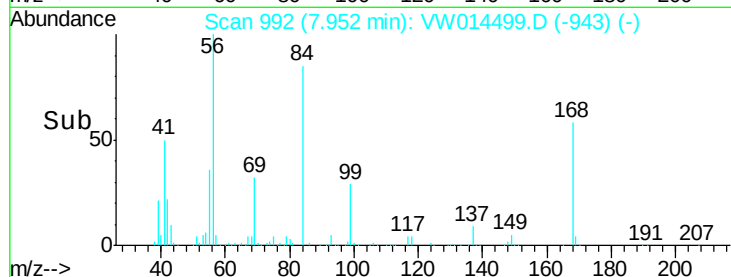
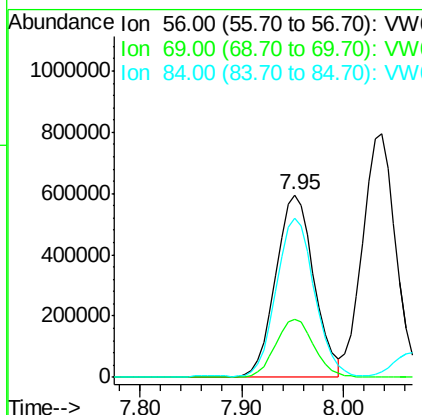
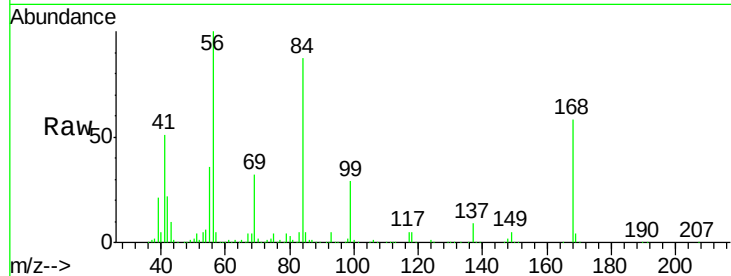
#31
Cyclohexane
Concen: 104.609 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion: 56 Resp: 1550451
Ion Ratio Lower Upper
56 100
69 31.5 26.8 40.2
84 86.4 71.8 107.6

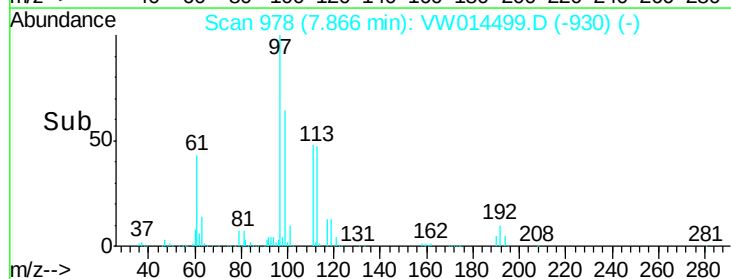
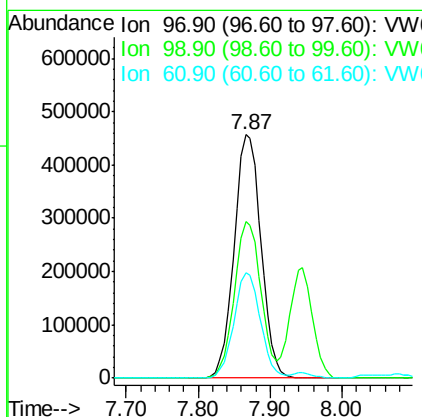
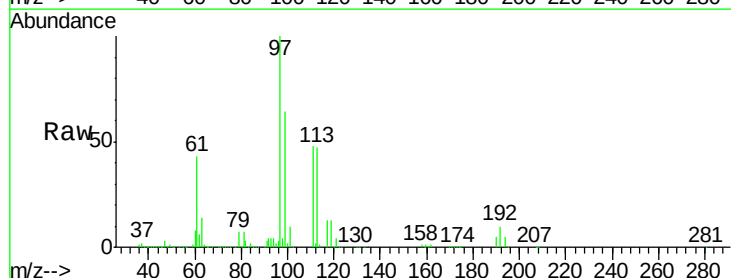
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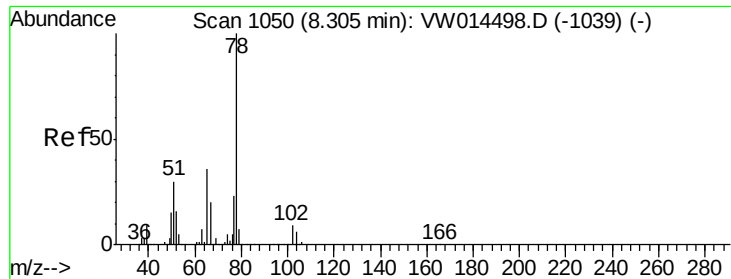
apatel
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#32
1,1,1-Trichloroethane
Concen: 107.733 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Tgt Ion: 97 Resp: 1181218
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.6
61 42.9 33.8 50.8





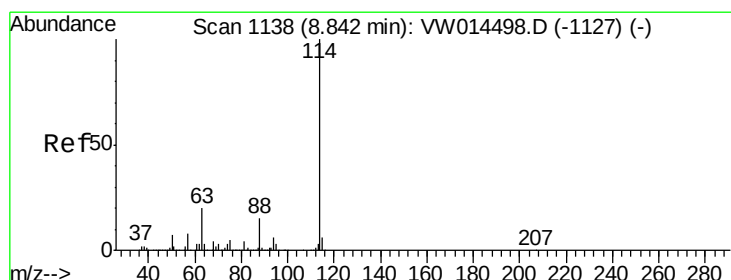
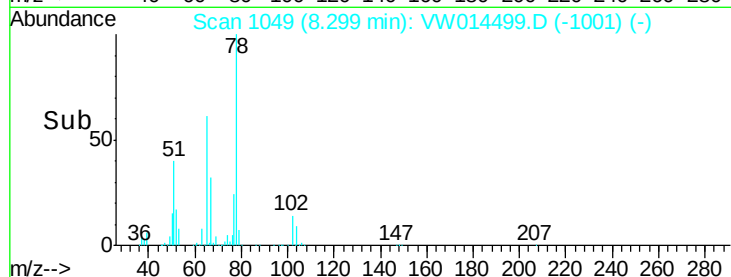
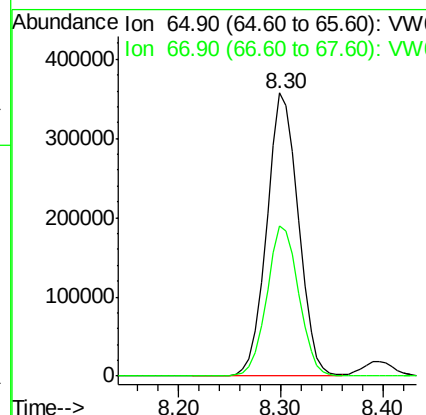
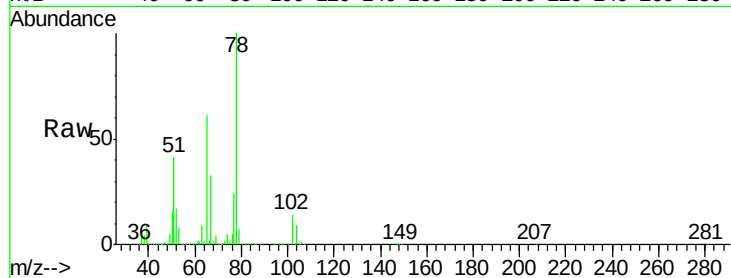
#33
 1,2-Dichloroethane-d4
 Concen: 114.454 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014499.D
 Acq: 03 Jan 2020 15:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	108.4

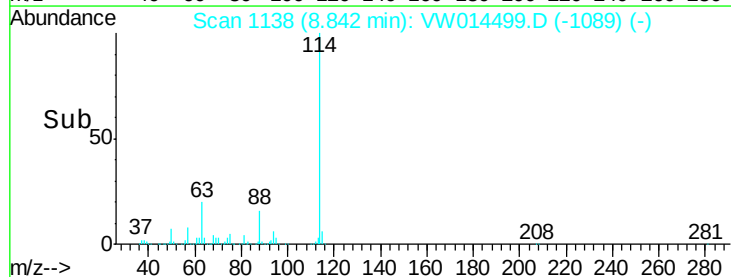
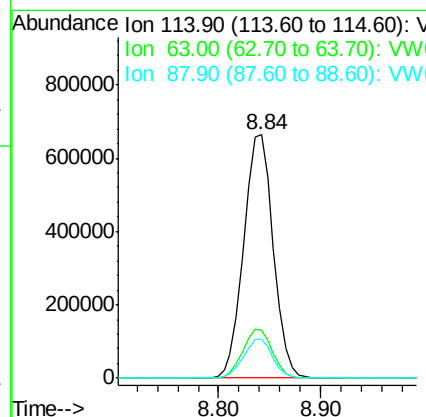
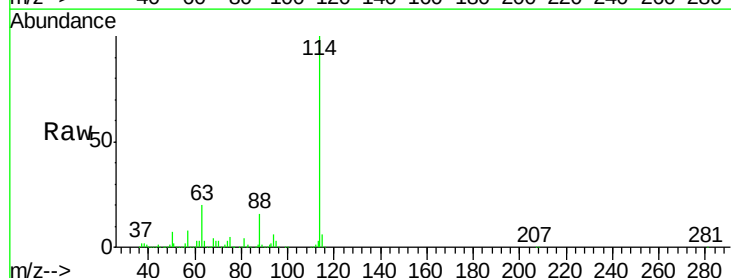
Manual Integrations
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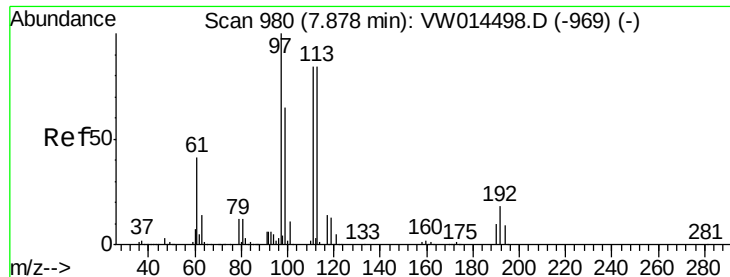
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014499.D
 Acq: 03 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.4
88	15.9	0.0	30.6





#35

Dibromofluoromethane

Concen: 104.680 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Instrument :

MSVOA_W

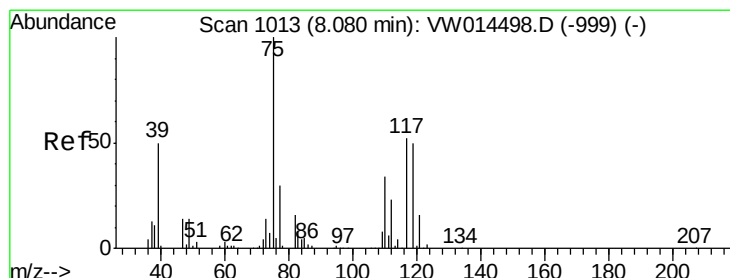
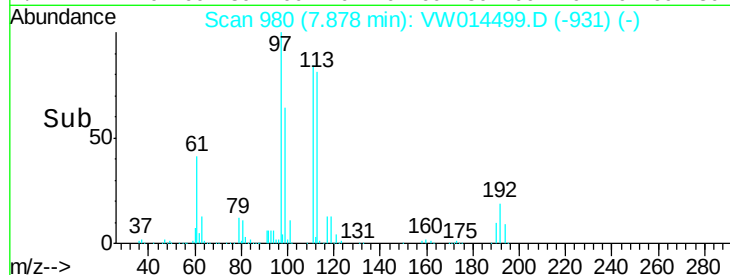
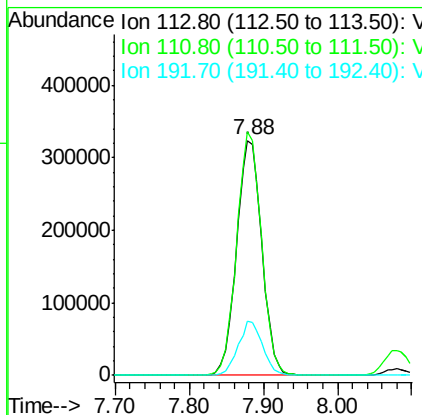
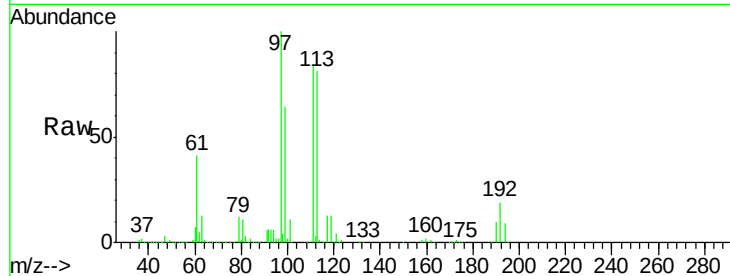
ClientSampled :

VSTDIC100

Tot Ion:	113	Resp:	770469
Ion Ratio	Lower	Upper	
113	100		
111	101.7	81.4	122.2
192	22.3	17.8	26.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 100.258 ug/l

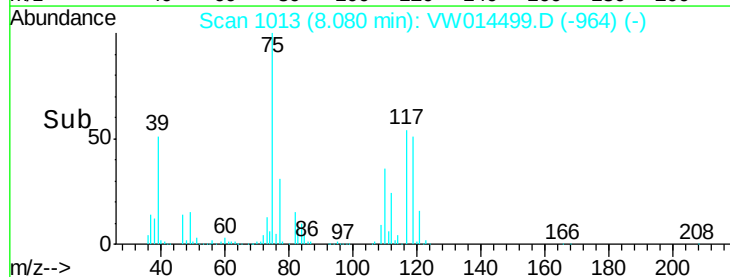
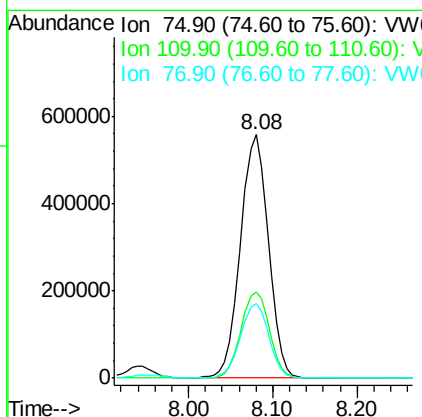
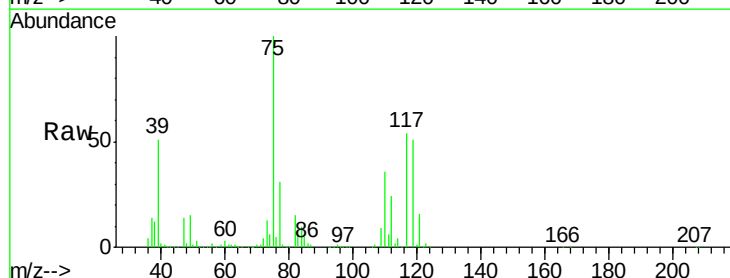
RT: 8.08 min Scan# 1013

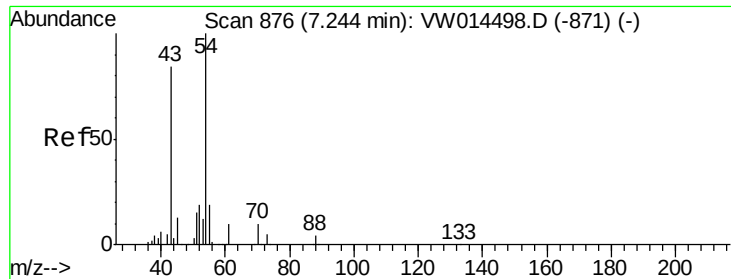
Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Tgt Ion:	75	Resp:	1252650
Ion Ratio	Lower	Upper	
75	100		
110	36.1	17.8	53.5
77	31.1	24.7	37.1





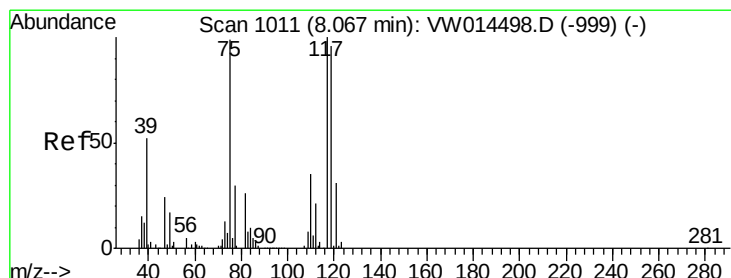
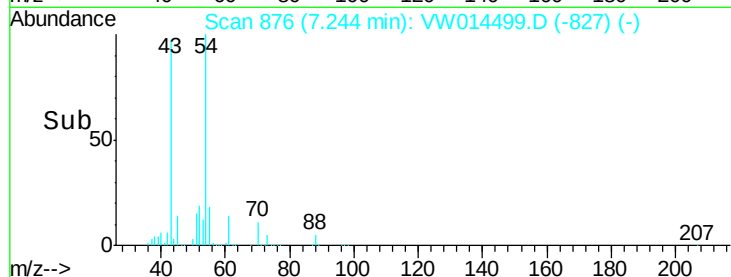
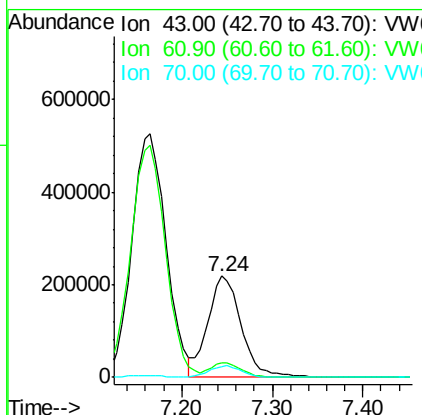
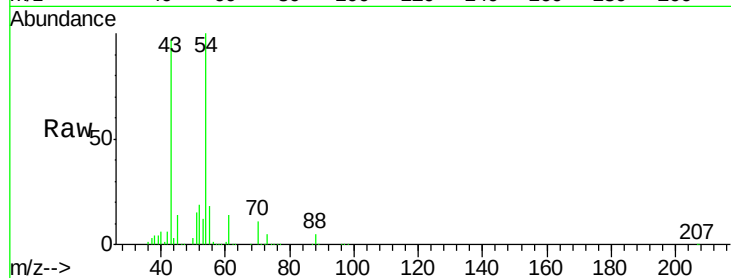
#37
Ethyl Acetate
Concen: 111.051 ug/l
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.7	17.5
70	11.0	9.0	13.6

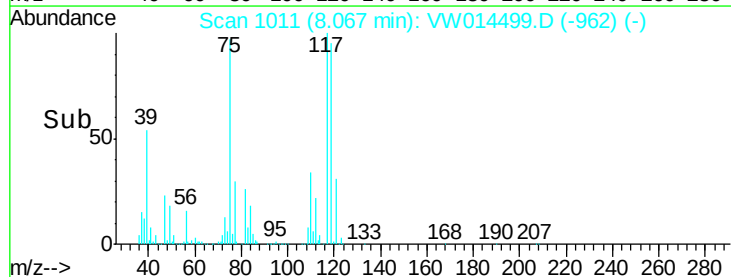
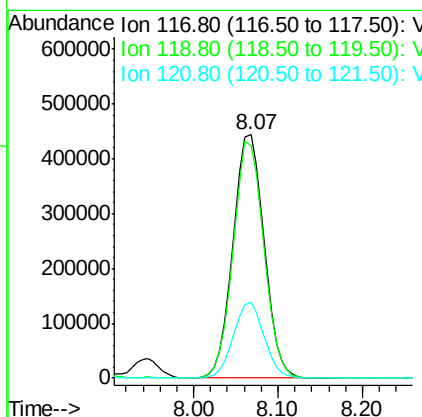
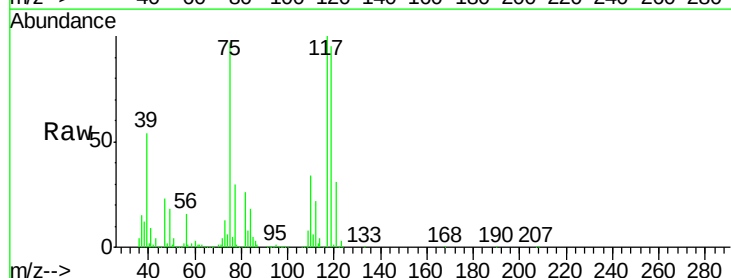
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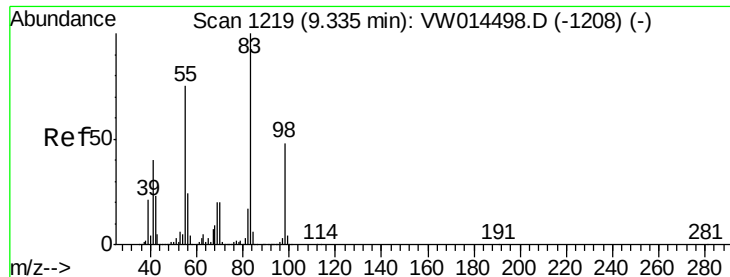
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#38
Carbon Tetrachloride
Concen: 99.085 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.0	115.6
121	31.0	24.6	36.8





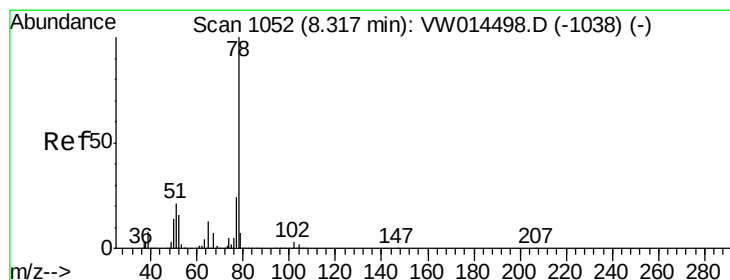
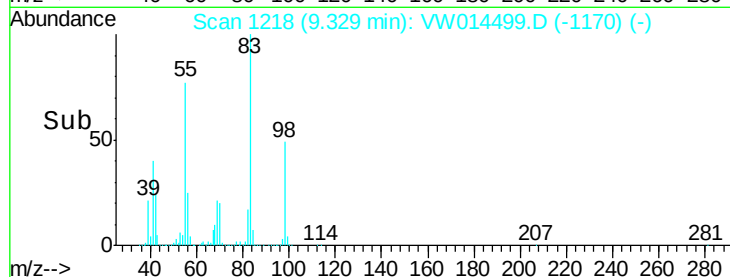
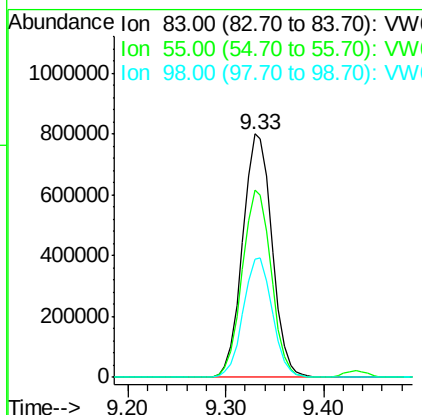
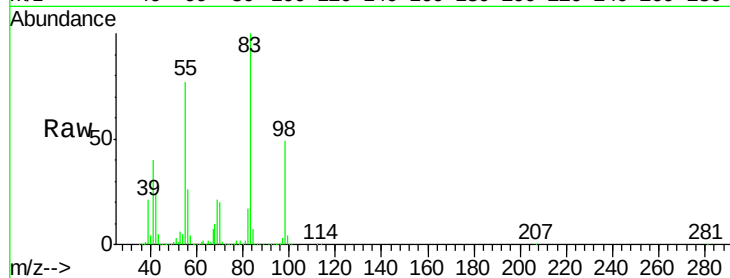
#39
Methylvlcyclohexane
Concen: 103.857 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	83	Resp	1667883
Ion	Ratio	Lower	Upper
83	100		
55	76.8	60.1	90.1
98	48.6	38.8	58.2

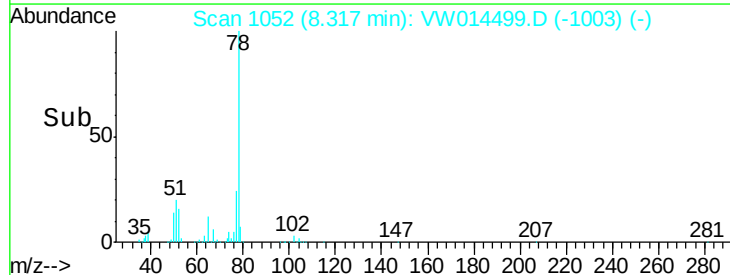
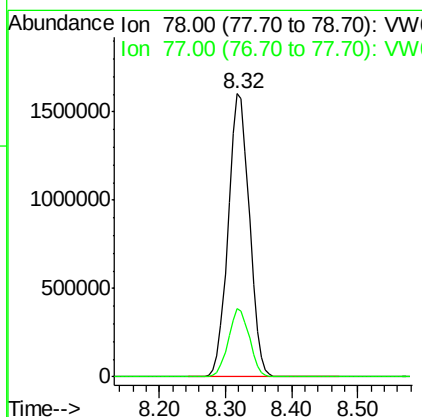
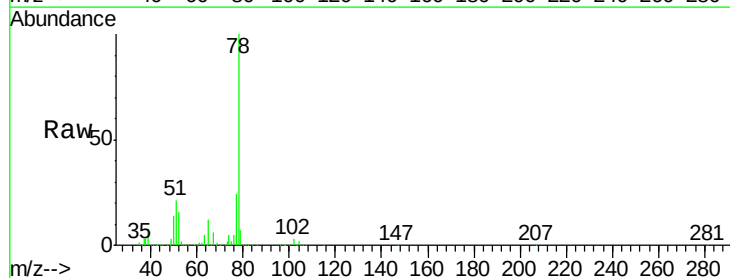
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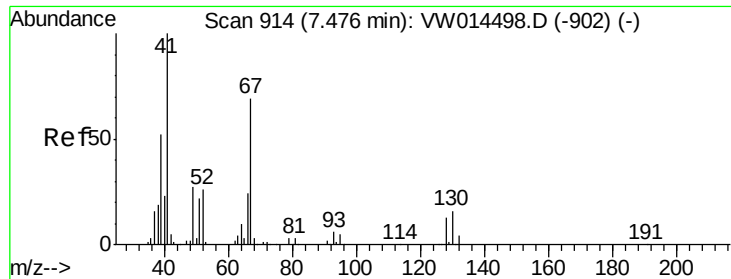
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#40
Benzene
Concen: 100.933 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Tgt Ion	78	Resp	3563564
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9





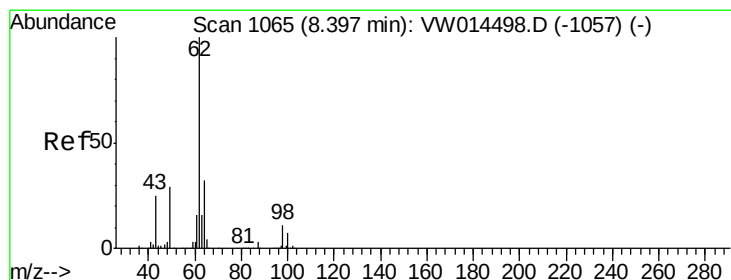
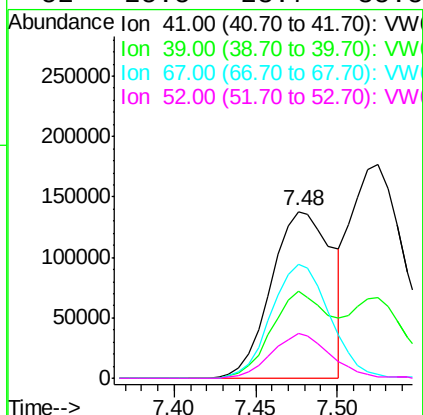
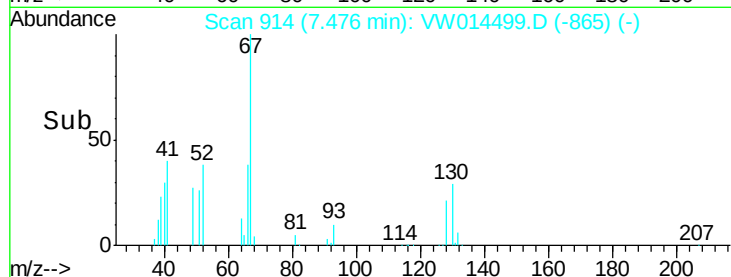
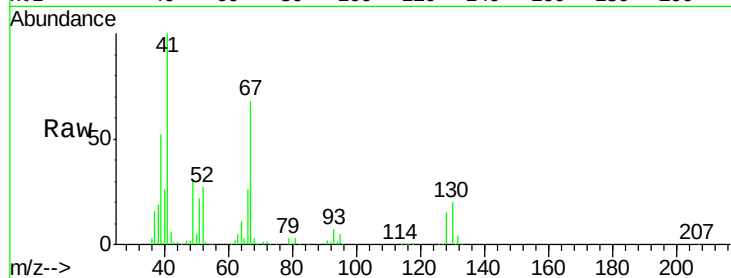
#41
Methacrylonitrile
Concen: 115.815 ug/l
RT: 7.48 min Scan# 914
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		358823		
39	49.5	46.0	69.0		
67	66.1	60.8	91.2		
52	25.5	23.7	35.5		

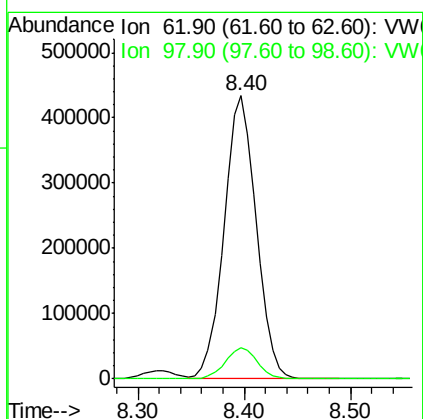
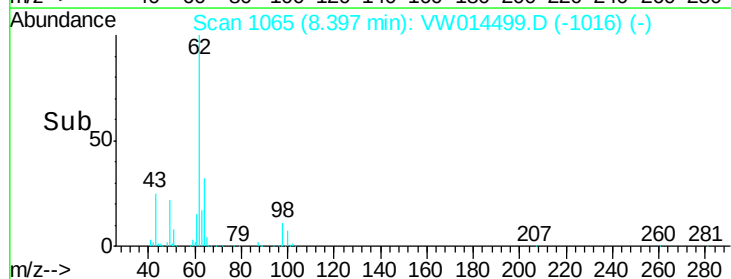
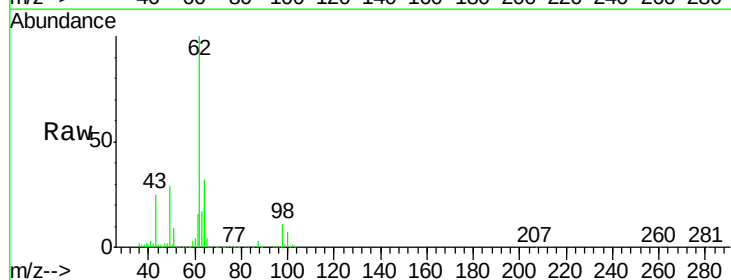
Manual Integrations
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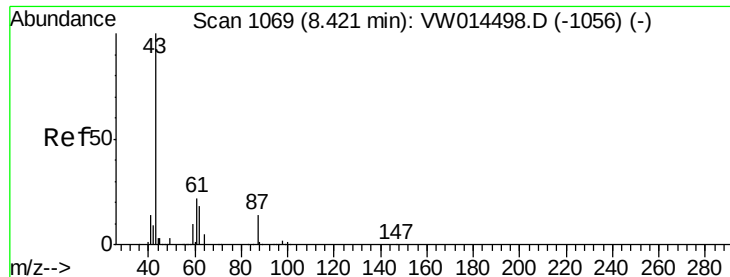
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#42
1,2-Dichloroethane
Concen: 101.820 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		913455		
98	11.1	0.0	22.0		





#43

Isopropyl Acetate

Concen: 111.117 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1055759

Ion Ratio Lower Upper

43 100

61 31.2 24.7 37.1

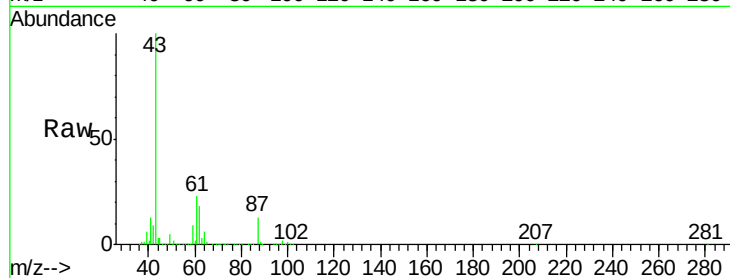
87 13.7 11.1 16.7

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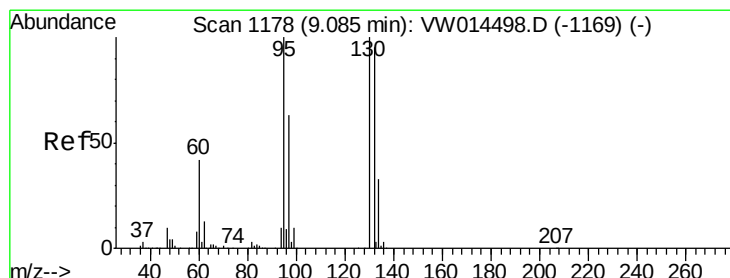
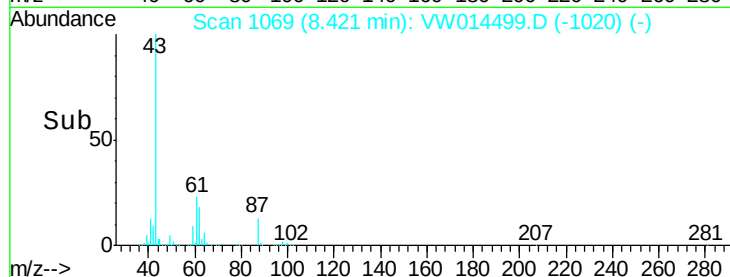
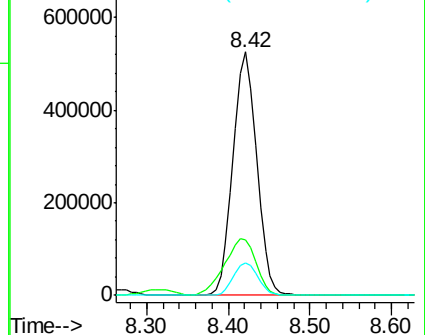
1/6/2020 10:43:22 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 97.993 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW014499.D

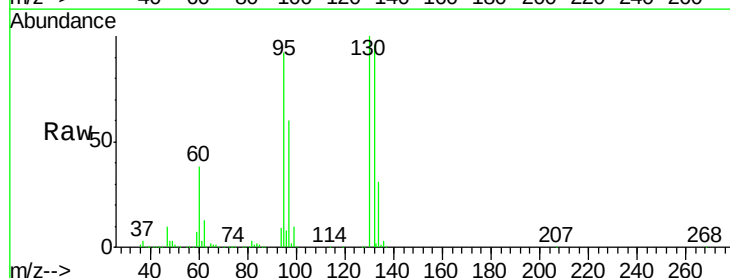
Acq: 03 Jan 2020 15:14

Tgt Ion:130 Resp: 979386

Ion Ratio Lower Upper

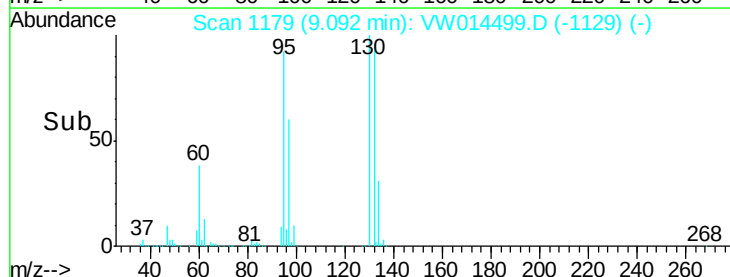
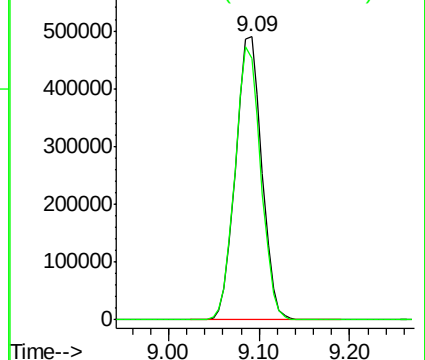
130 100

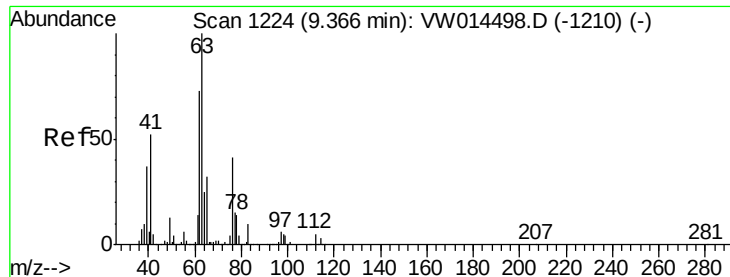
95 92.3 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





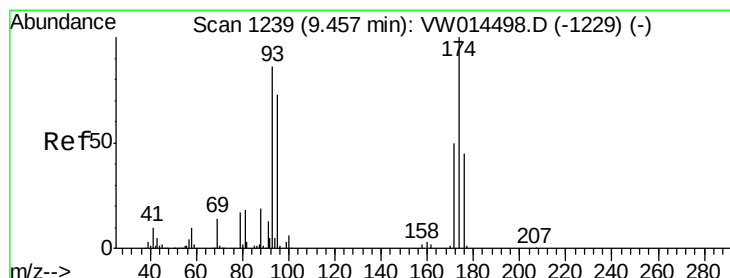
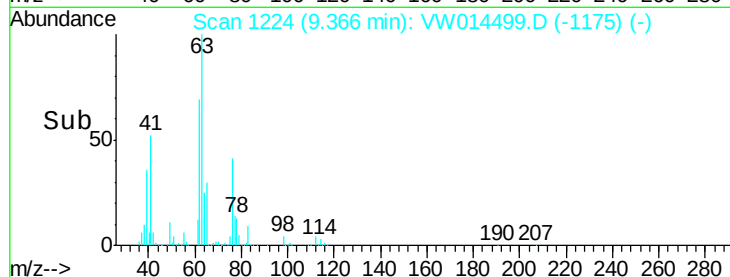
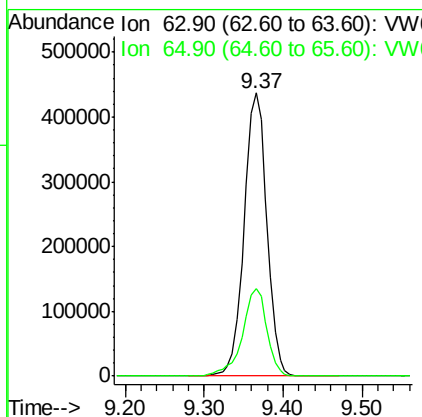
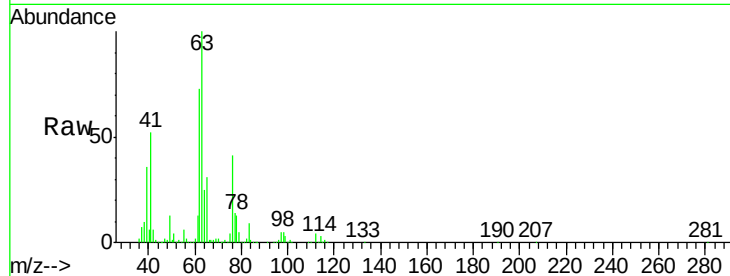
#45
 1,2-Dichloropropane
 Concen: 103.275 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW014499.D
 Acq: 03 Jan 2020 15:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion	63	Resp	875156
Ion Ratio	Lower	Upper	
63	100		
65	30.9	25.6	38.4

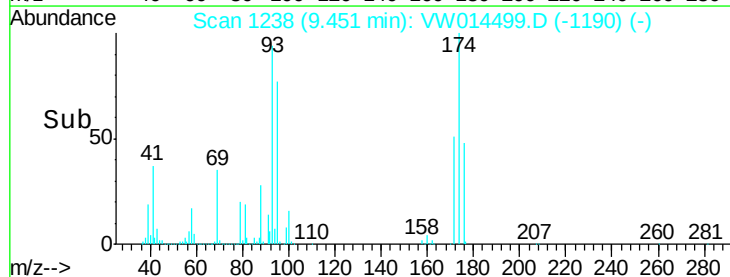
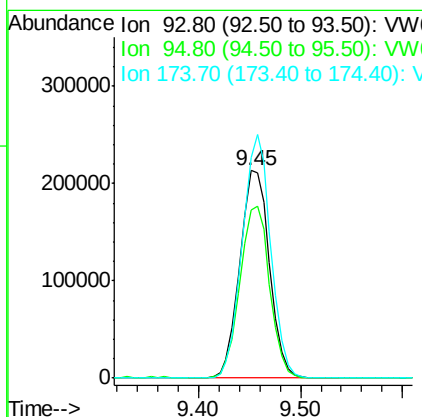
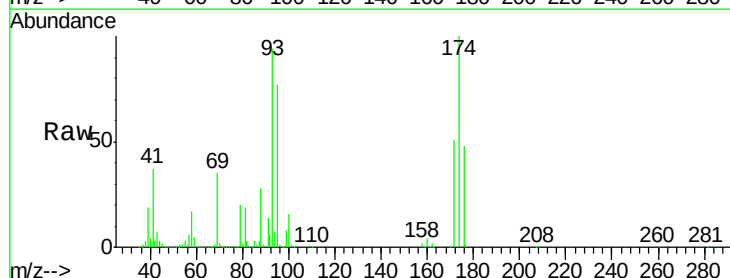
Manual Integrations
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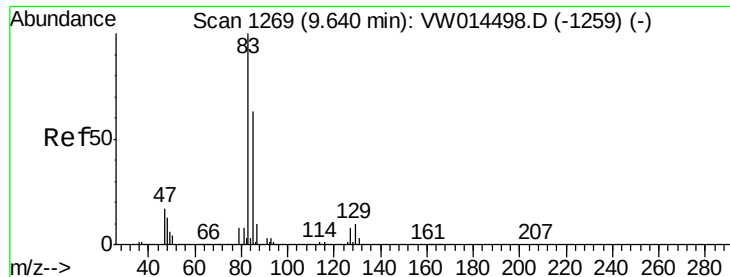
apatel
 1/6/2020 10:43:22 AM



#46
 Dibromomethane
 Concen: 103.647 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW014499.D
 Acq: 03 Jan 2020 15:14

Tgt Ion	93	Resp	430899
Ion Ratio	Lower	Upper	
93	100		
95	82.7	66.4	99.6
174	112.5	89.1	133.7





#47

Bromodichloromethane

Concen: 103.293 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tot Ion: 83 Resp: 1095519

Ion Ratio Lower Upper

83 100

85 64.9 50.6 76.0

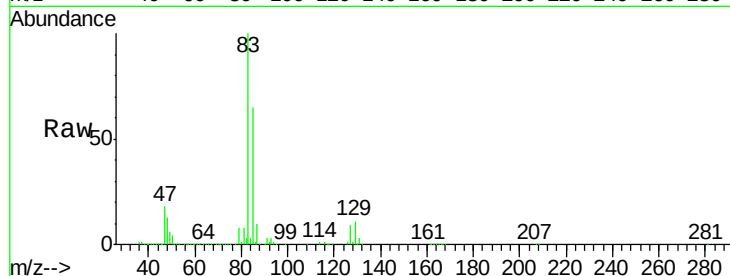
127 8.8 6.6 9.8

Manual Integrations

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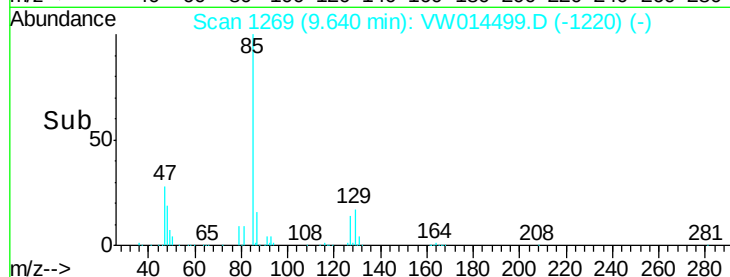
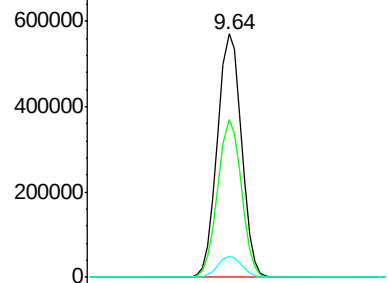
1/6/2020 10:43:22 AM



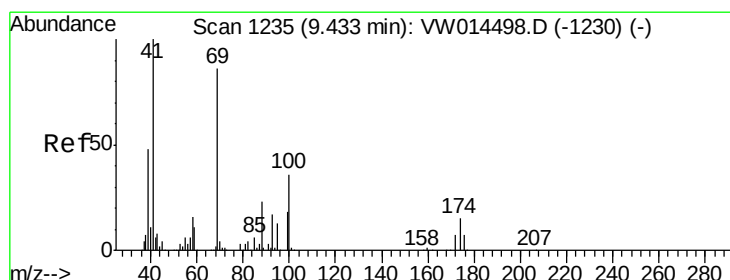
Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



Time-->



#48

Methyl methacrylate

Concen: 111.442 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

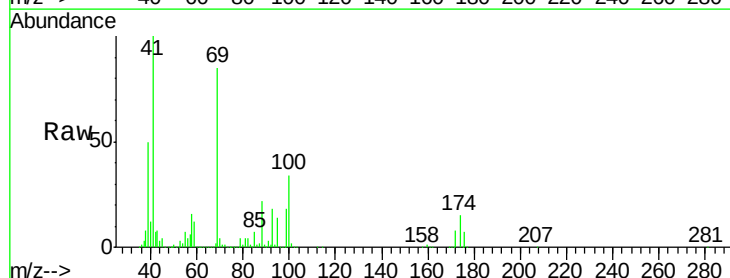
Tgt Ion: 41 Resp: 522855

Ion Ratio Lower Upper

41 100

69 85.9 68.3 102.5

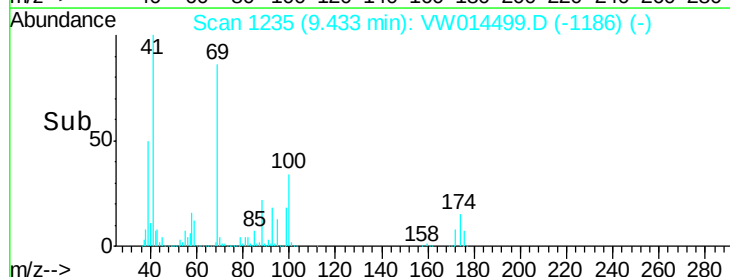
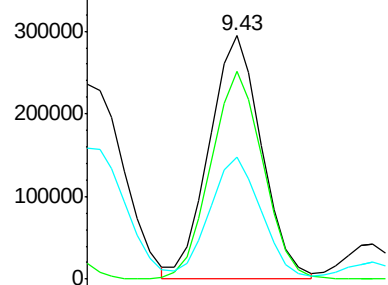
39 47.0 36.8 55.2



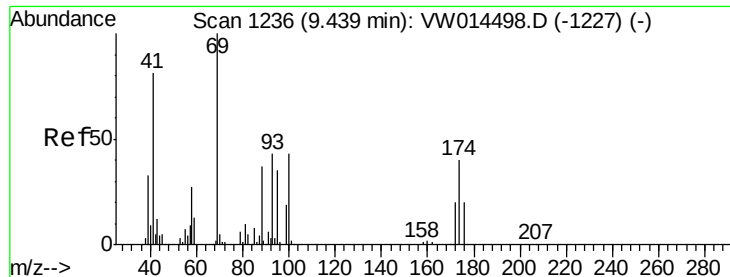
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW



Time-->



#49

1,4-Dioxane

Concen: 2455.065 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 88 Resp: 162483

Ion Ratio Lower Upper

88 100

43 31.7 24.9 37.3

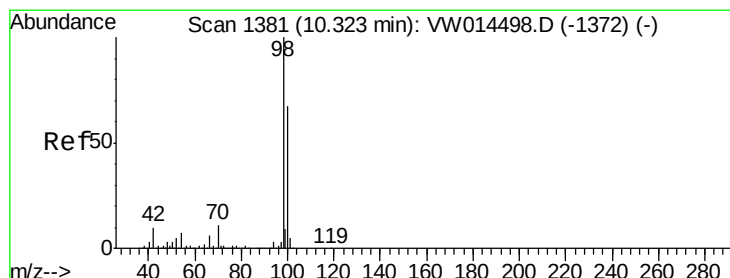
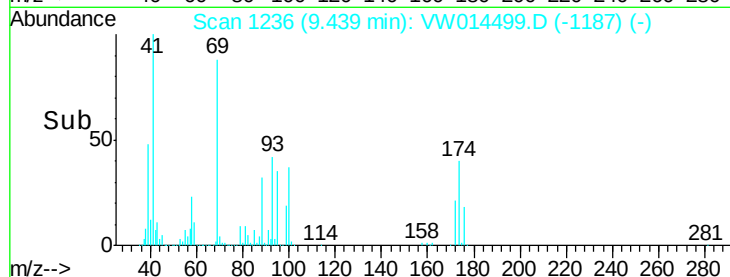
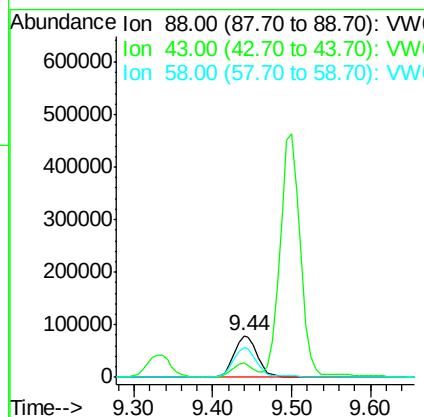
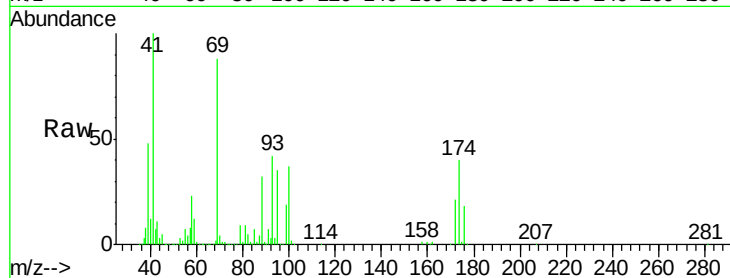
58 71.1 56.9 85.3

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#50

Toluene-d8

Concen: 106.649 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014499.D

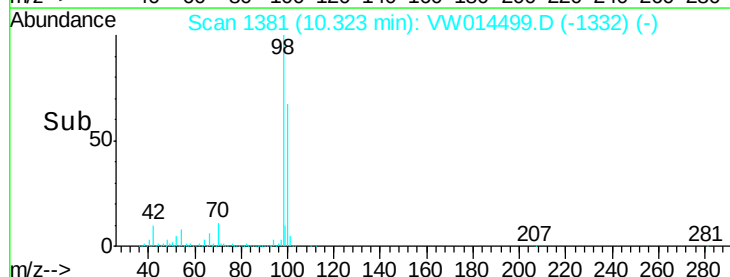
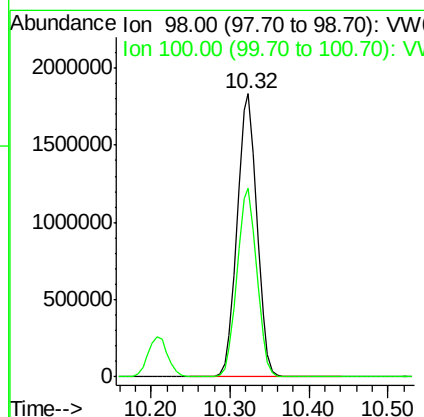
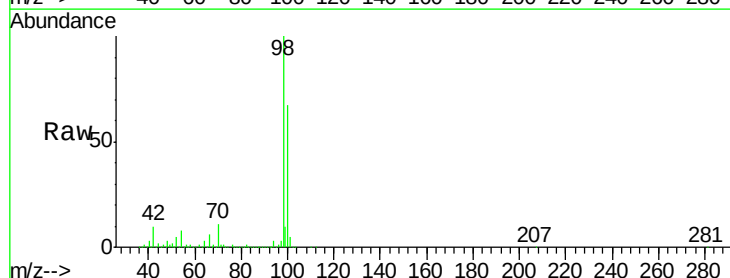
Acq: 03 Jan 2020 15:14

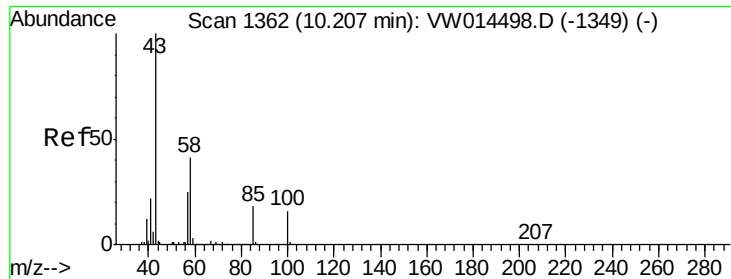
Tgt Ion: 98 Resp: 3200091

Ion Ratio Lower Upper

98 100

100 66.6 53.8 80.6





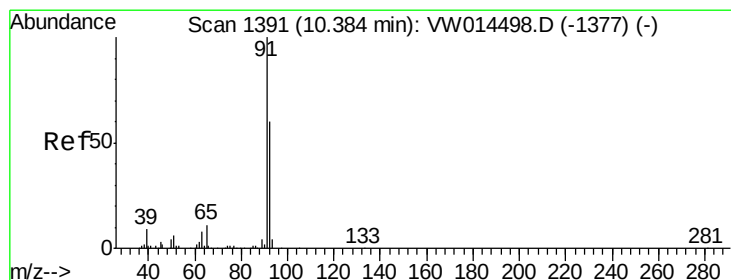
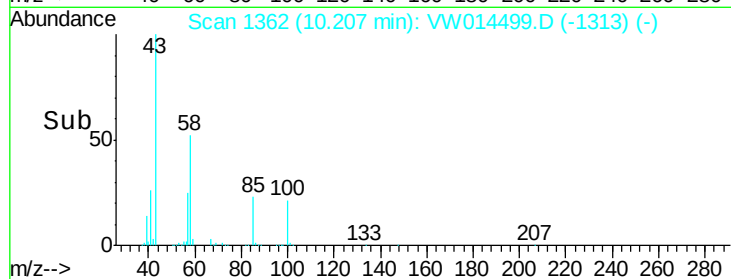
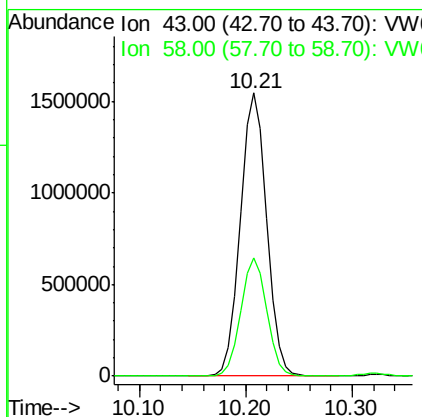
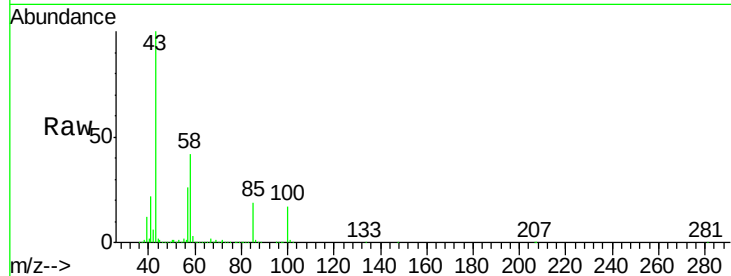
#51
4-Methyl-2-Pentanone
Concen: 559.430 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion: 43 Resp: 2684836
Ion Ratio Lower Upper
43 100
58 41.4 32.7 49.1

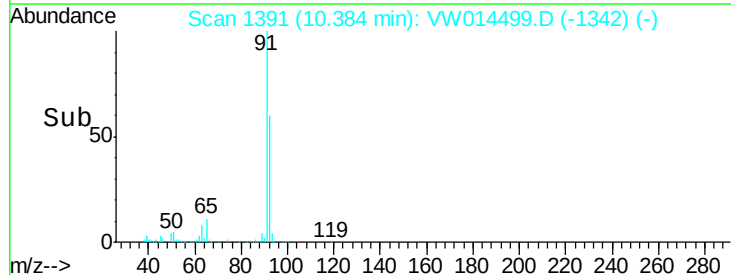
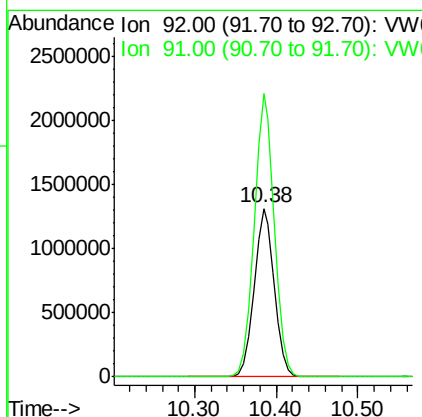
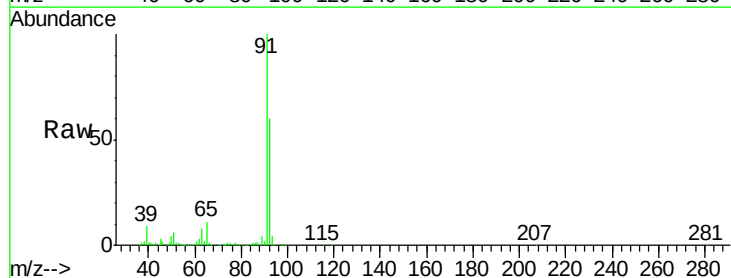
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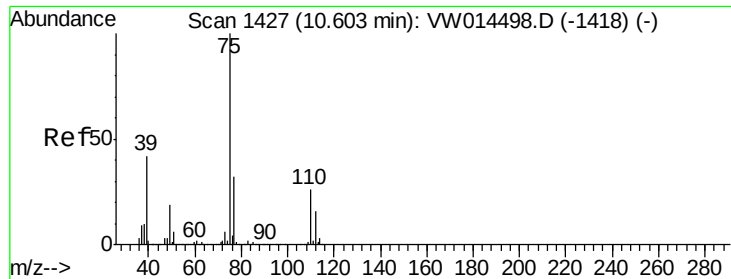
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#52
Toluene
Concen: 99.813 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Tgt Ion: 92 Resp: 2263845
Ion Ratio Lower Upper
92 100
91 168.1 134.1 201.1





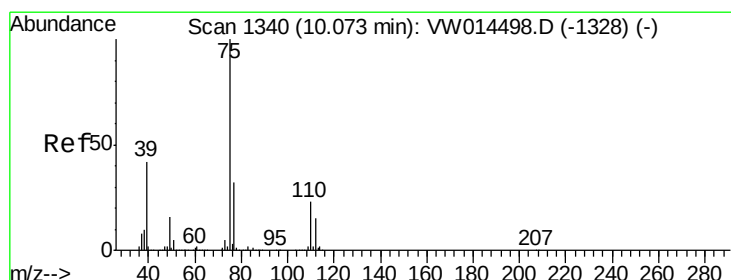
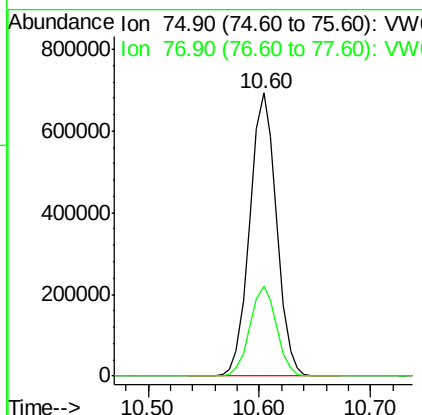
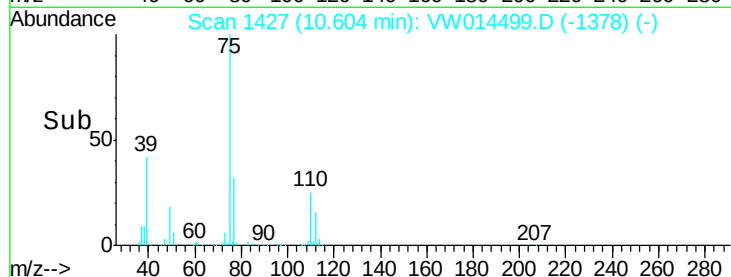
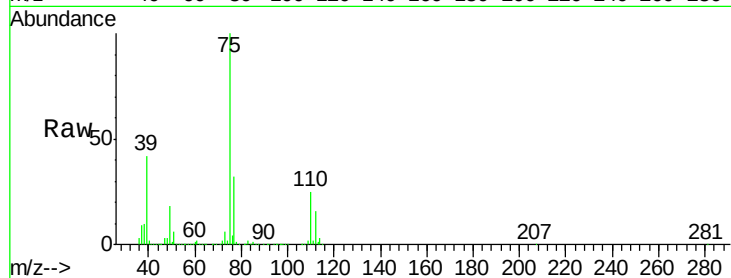
#53
t-1,3-Dichloropropene
Concen: 107.357 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion: 75 Resp: 1160865
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

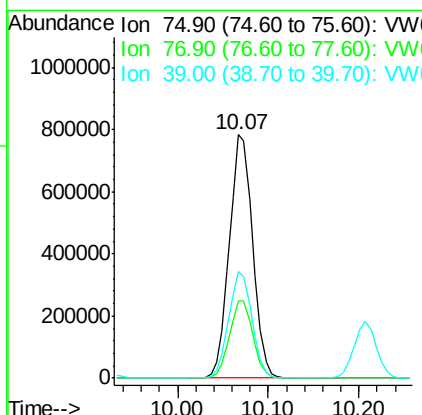
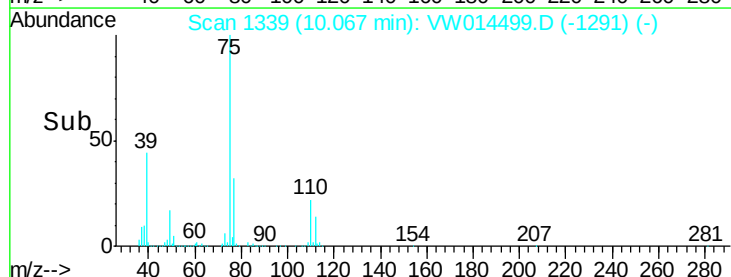
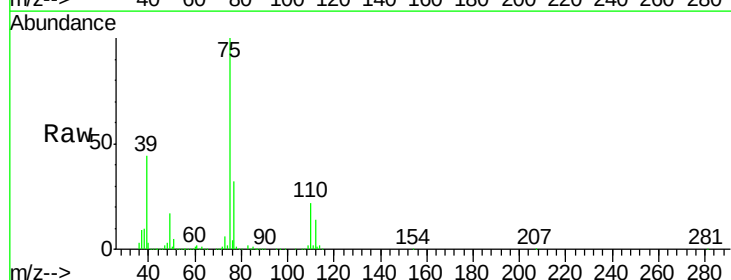
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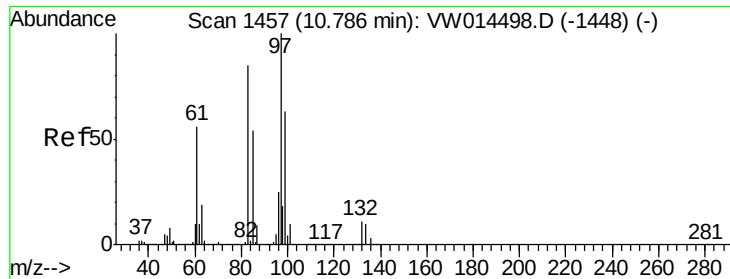
apatel
1/6/2020 10:43:22 AM



#54
cis-1,3-Dichloropropene
Concen: 105.175 ug/l
RT: 10.07 min Scan# 1339
Delta R.T. -0.01 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Tgt Ion: 75 Resp: 1397707
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0
39 43.9 33.4 50.2





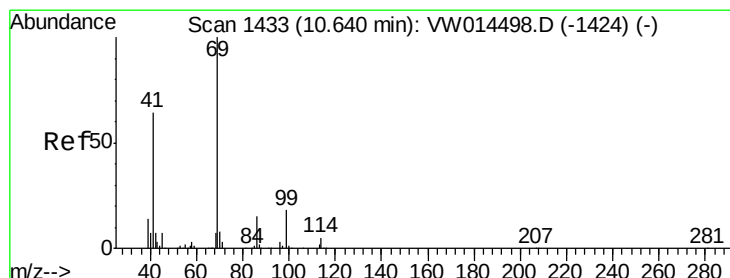
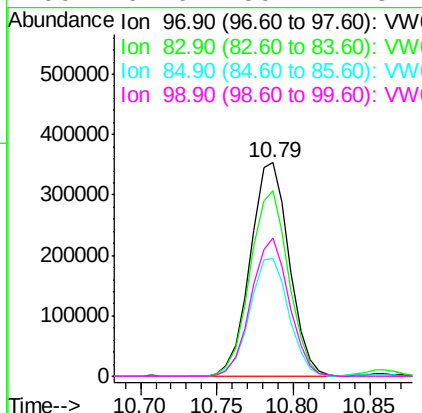
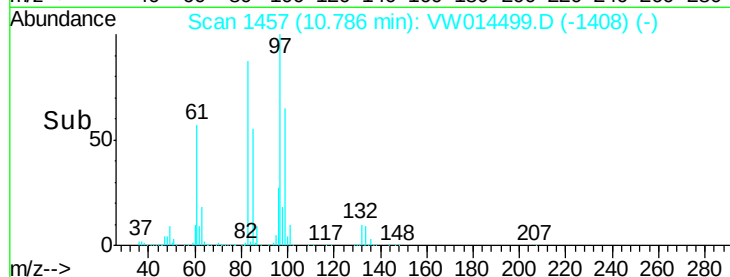
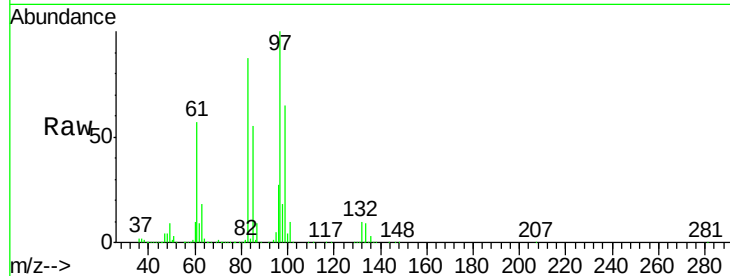
#55
 1,1,2-Trichloroethane
 Concen: 101.324 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW014499.D
 Acq: 03 Jan 2020 15:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		627038		
83	86.8	68.2	102.4		
85	55.4	43.0	64.4		
99	64.6	50.1	75.1		

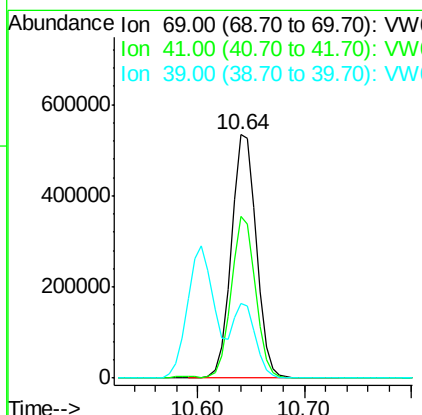
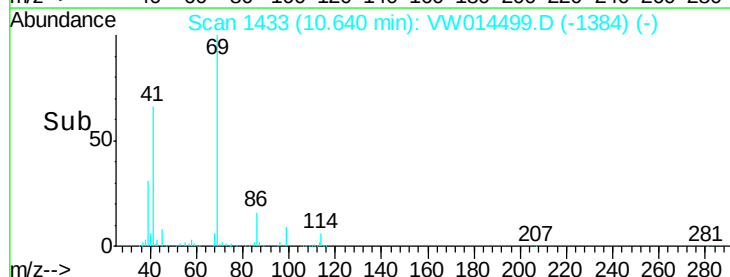
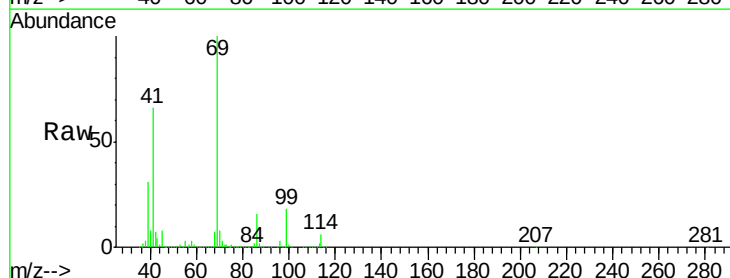
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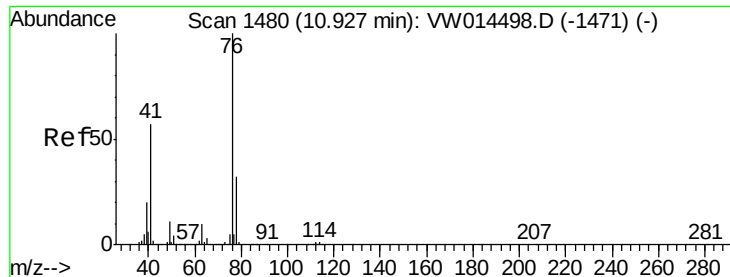
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#56
 Ethyl methacrylate
 Concen: 111.971 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VW014499.D
 Acq: 03 Jan 2020 15:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		878906		
41	64.3	51.3	76.9		
39	26.5	21.0	31.6		





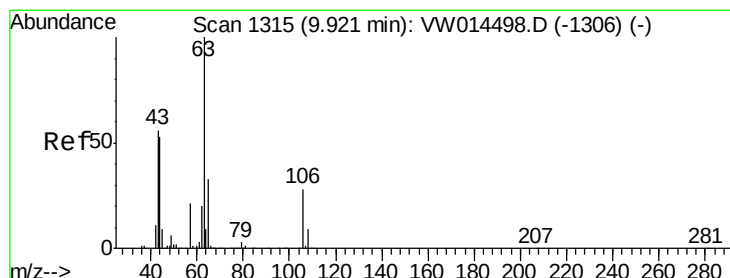
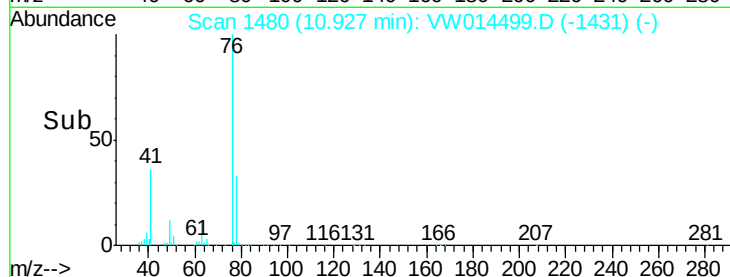
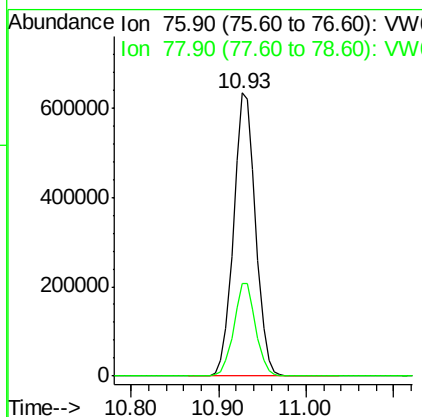
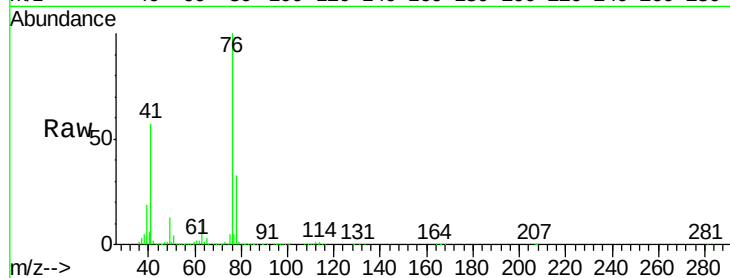
#57
 1,3-Dichloropropane
 Concen: 104.355 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW014499.D
 Acq: 03 Jan 2020 15:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion: 76 Resp: 1108457
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.9 38.9

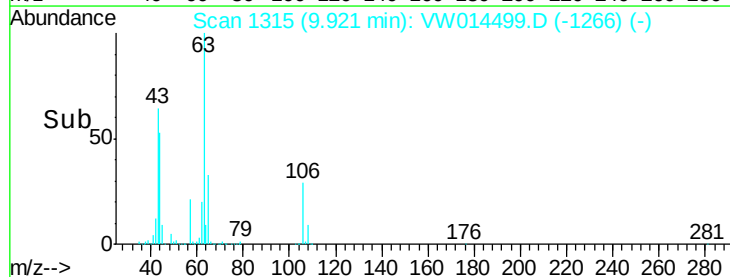
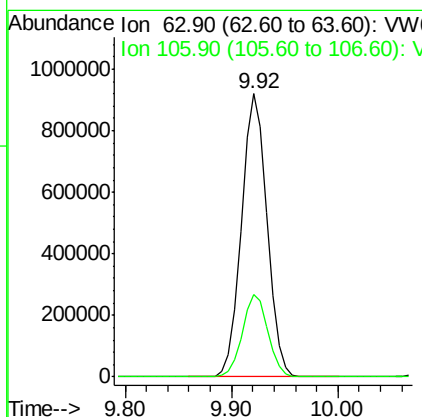
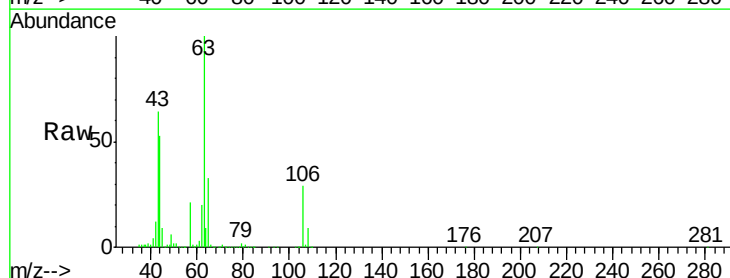
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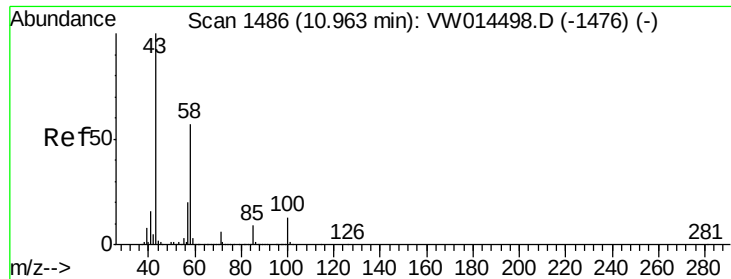
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 462.823 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW014499.D
 Acq: 03 Jan 2020 15:14

Tgt Ion: 63 Resp: 1550476
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.0 34.6





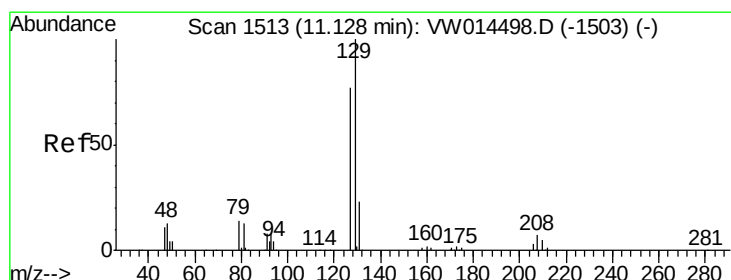
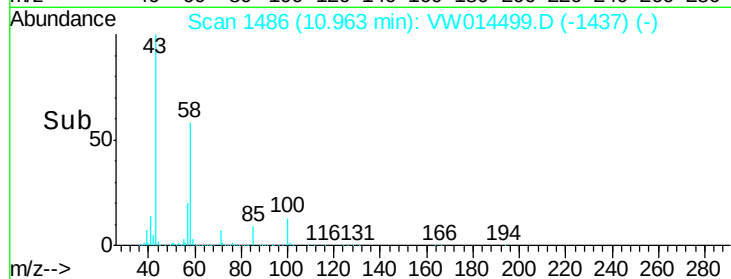
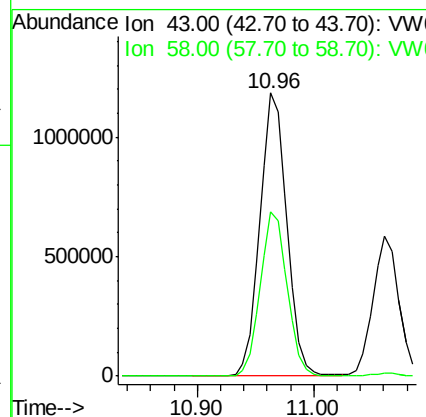
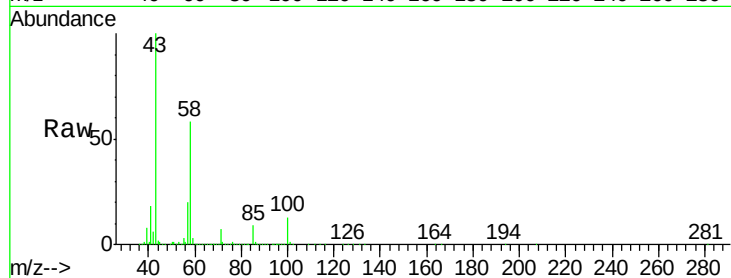
#59
2-Hexanone
Concen: 580.591 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampled :
VSTDICC100

Tot Ion: 43 Resp: 1917448
Ion Ratio Lower Upper
43 100
58 58.0 28.7 86.3

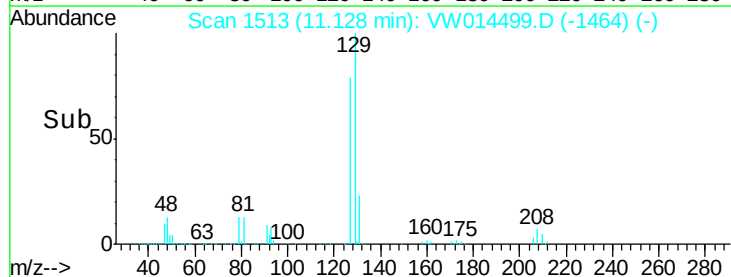
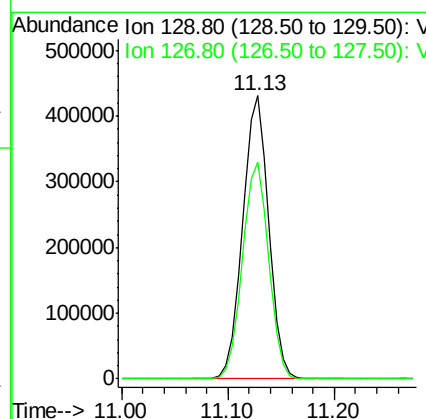
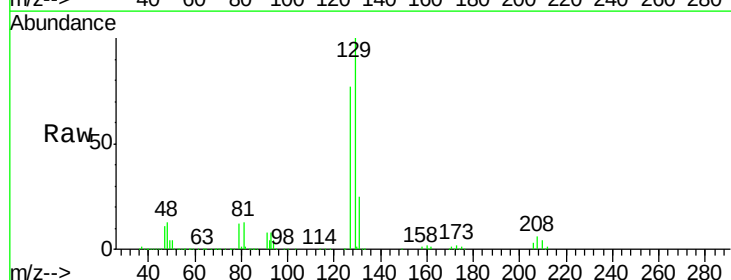
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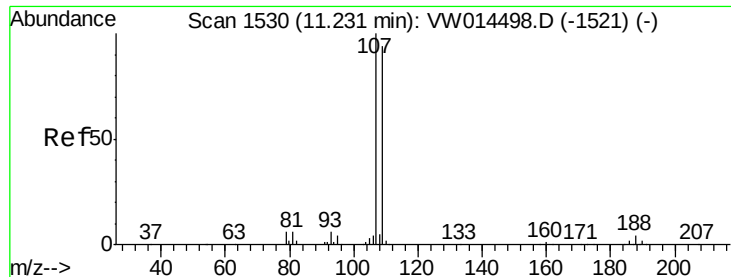
apatel
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#60
Dibromochloromethane
Concen: 102.077 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Tgt Ion: 129 Resp: 740262
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.5





#61

1,2-Dibromoethane

Concen: 102.988 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 107 Resp: 603866

Ion Ratio Lower Upper

107 100

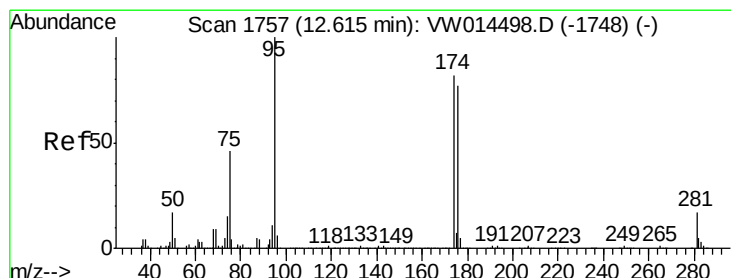
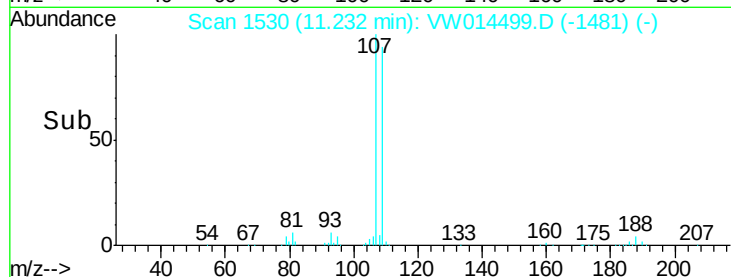
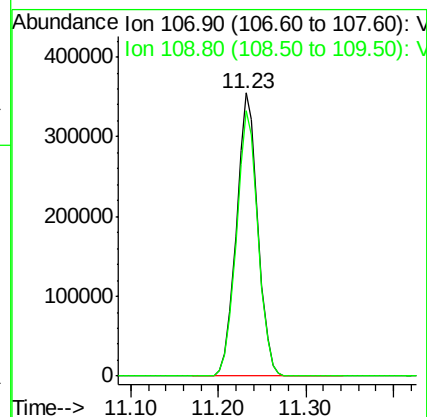
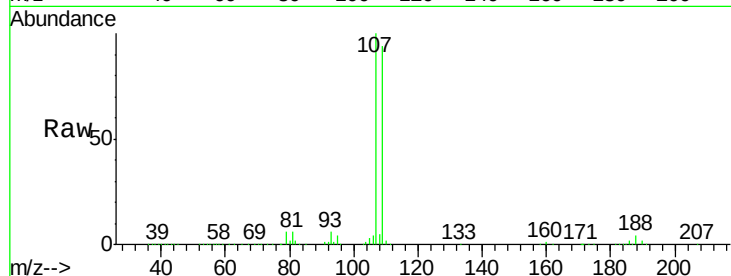
109 94.8 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 107.032 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

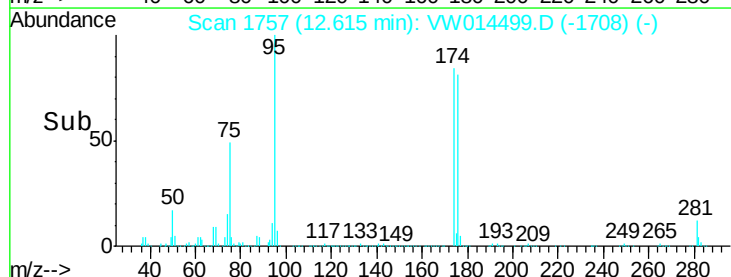
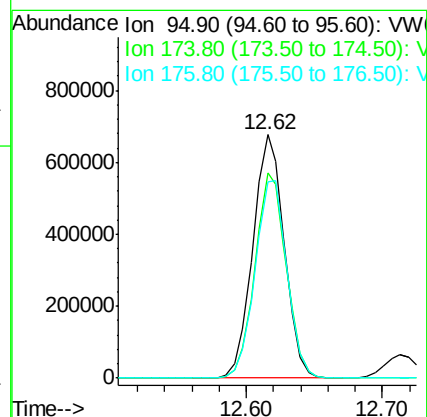
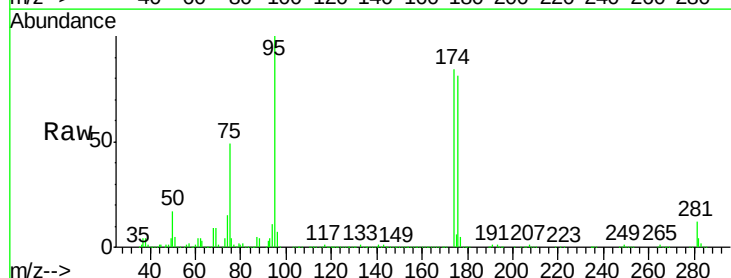
Tgt Ion: 95 Resp: 1090921

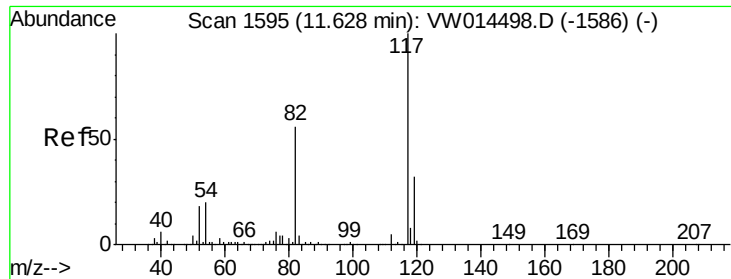
Ion Ratio Lower Upper

95 100

174 84.1 0.0 168.6

176 82.8 0.0 162.0





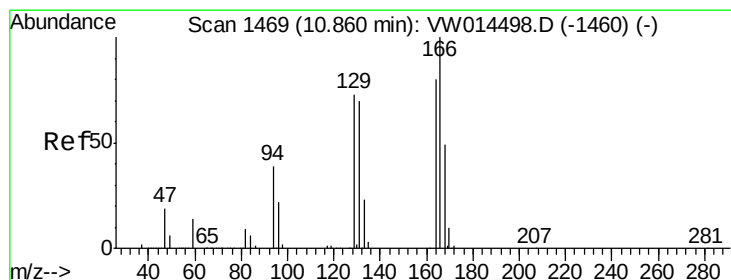
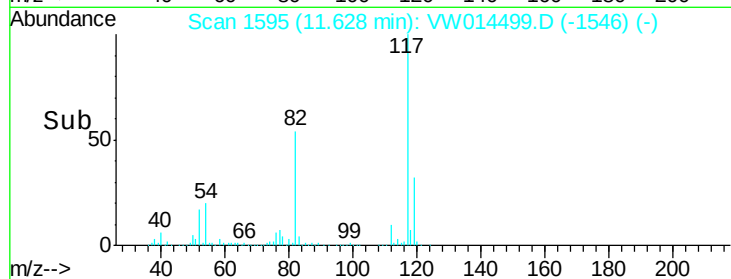
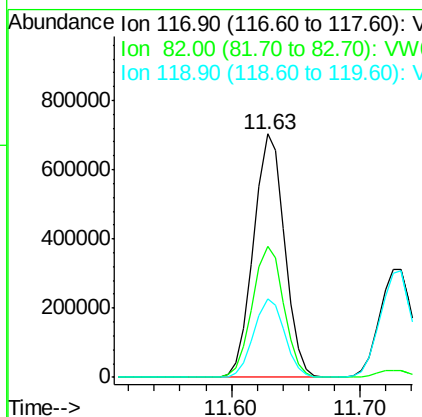
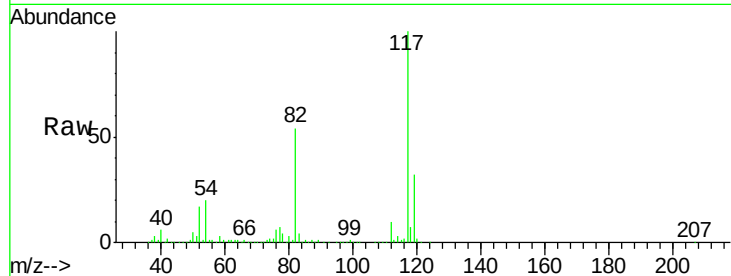
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.6	67.0
119	32.3	25.7	38.5

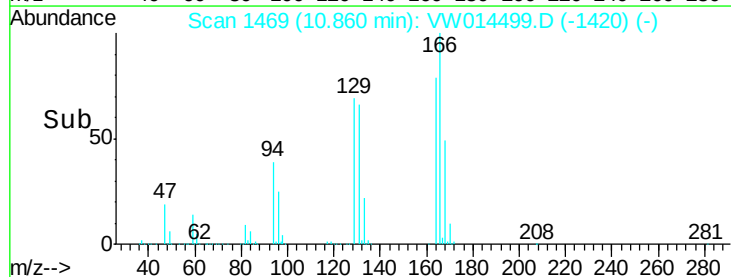
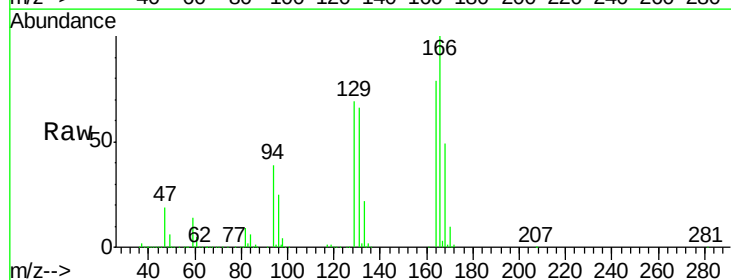
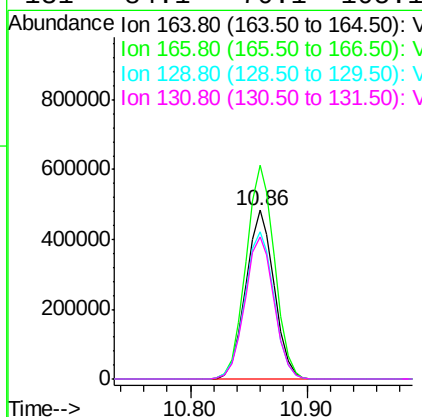
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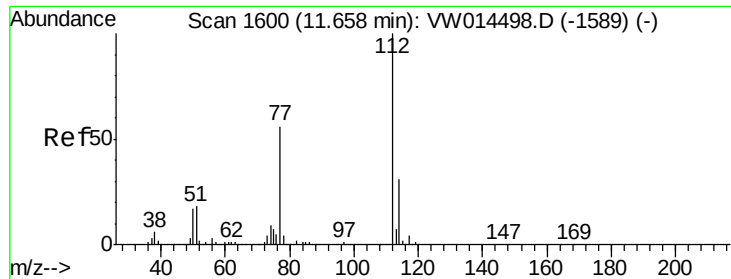
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#64
Tetrachloroethene
Concen: 92.669 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	99.8	149.6
129	87.5	72.4	108.6
131	84.1	70.1	105.1





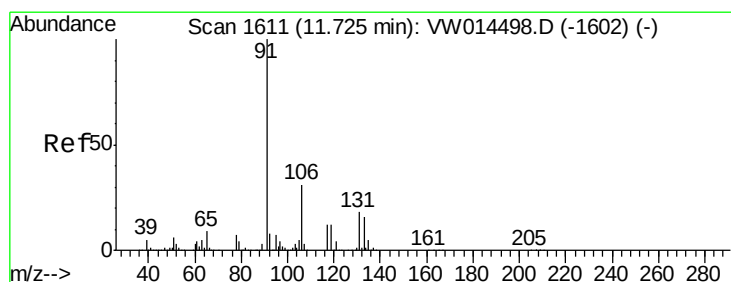
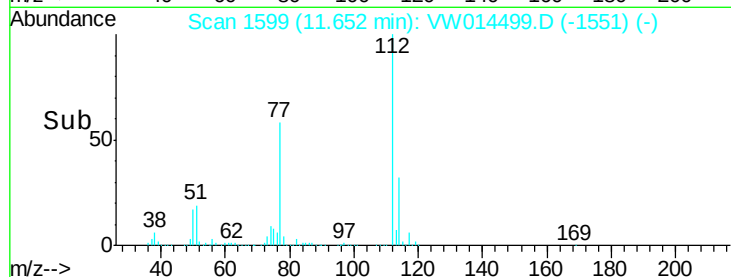
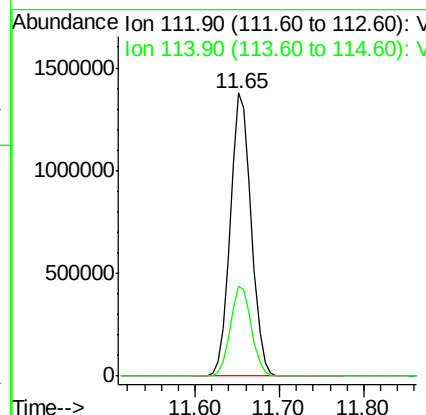
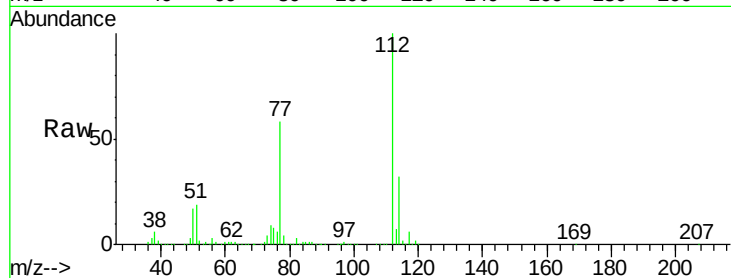
#65
Chlorobenzene
Concen: 97.617 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion:112 Resp: 2337360
Ion Ratio Lower Upper
112 100
114 31.6 24.6 37.0

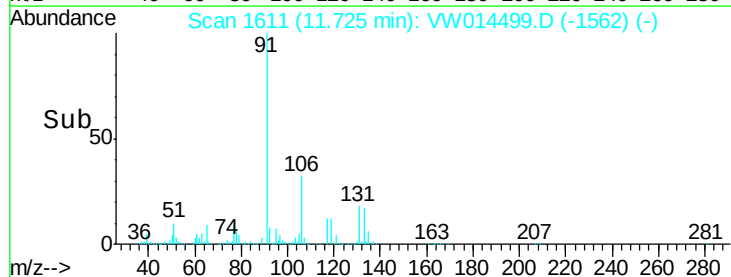
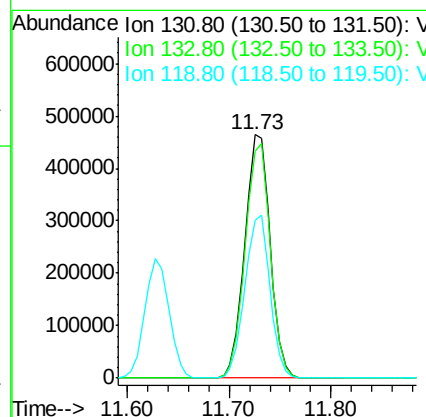
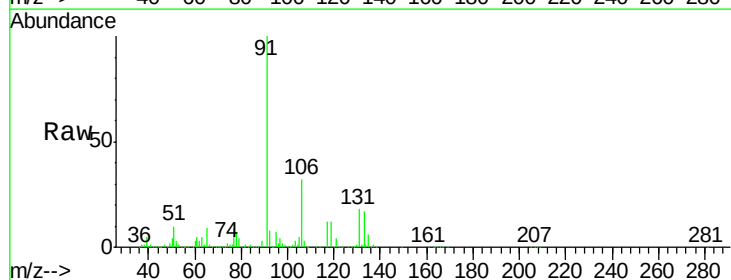
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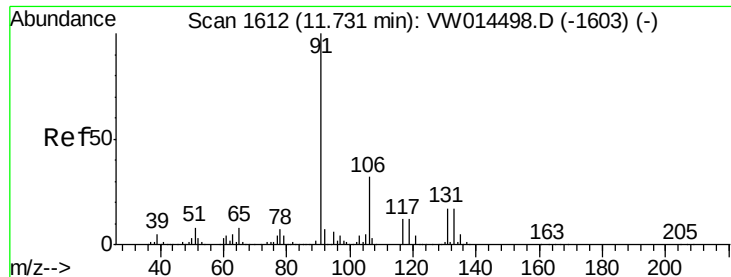
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#66
1,1,1,2-Tetrachloroethane
Concen: 95.911 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Tgt Ion:131 Resp: 797792
Ion Ratio Lower Upper
131 100
133 95.8 47.3 142.0
119 66.2 33.1 99.3





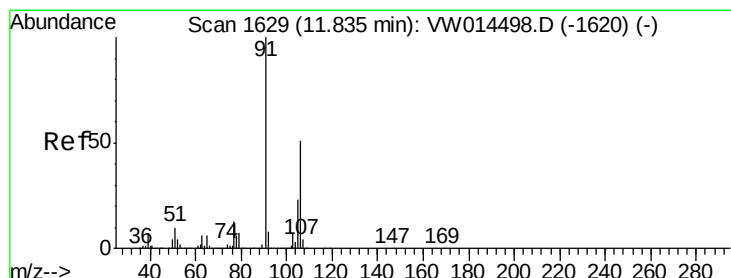
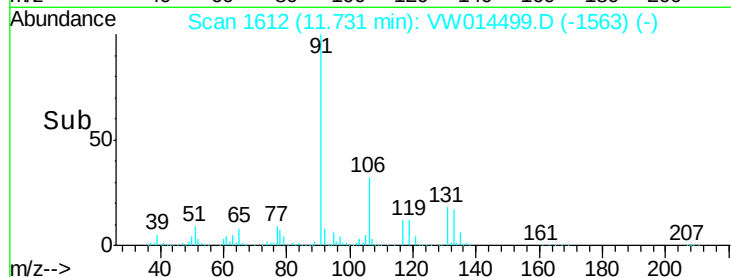
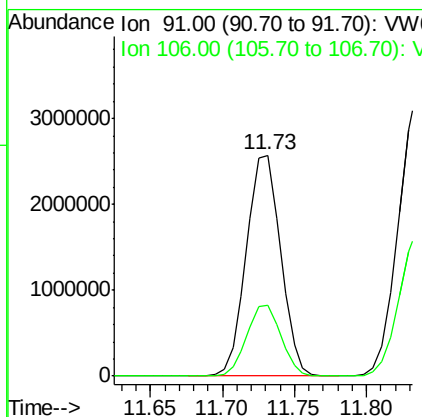
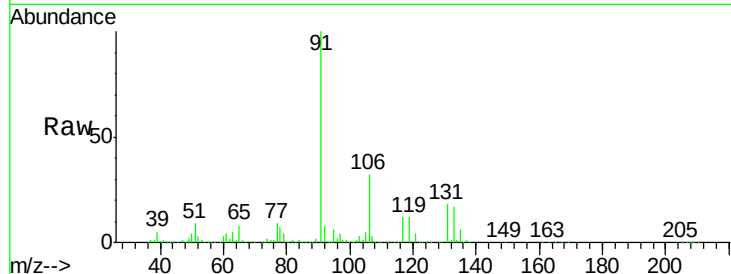
#67
Ethyl Benzene
Concen: 98.550 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion: 91 Resp: 4253506
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3

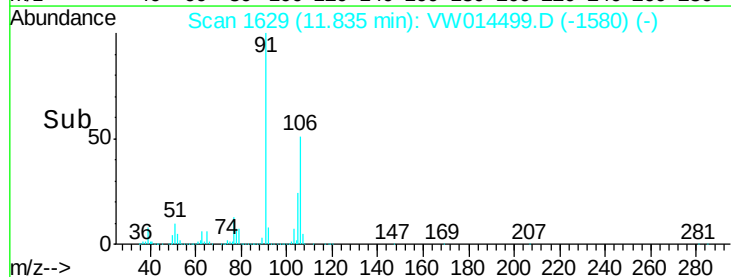
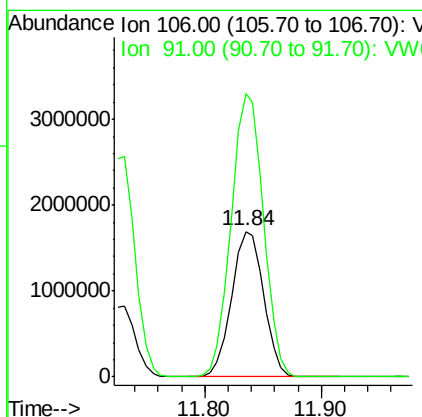
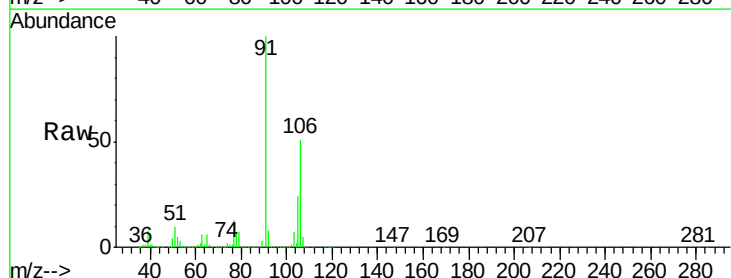
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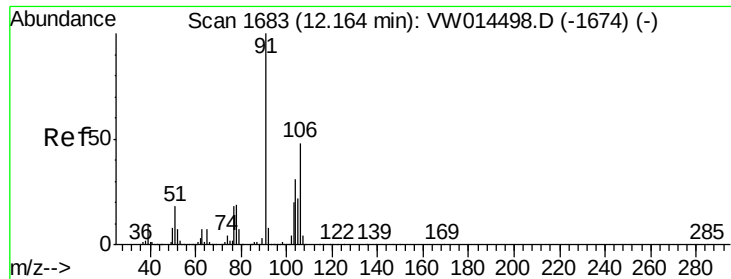
apatel
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#68
m/p-Xylenes
Concen: 194.995 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Tgt Ion: 106 Resp: 3248363
Ion Ratio Lower Upper
106 100
91 195.9 159.0 238.6





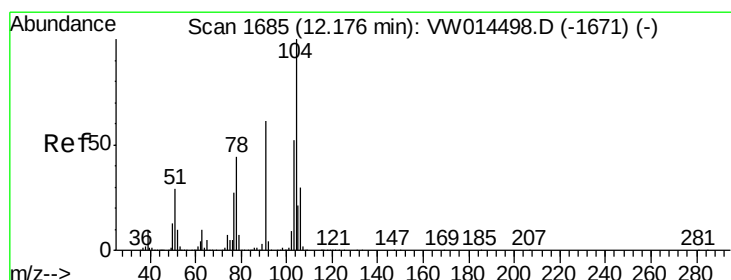
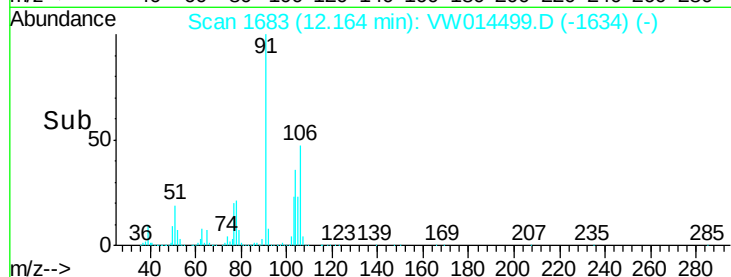
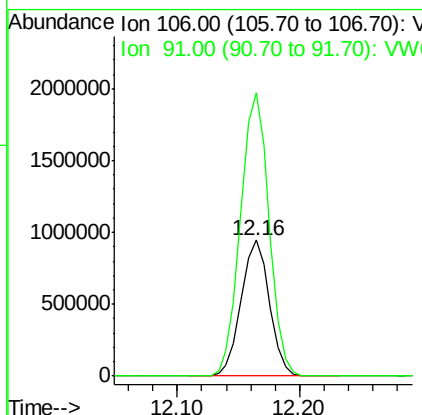
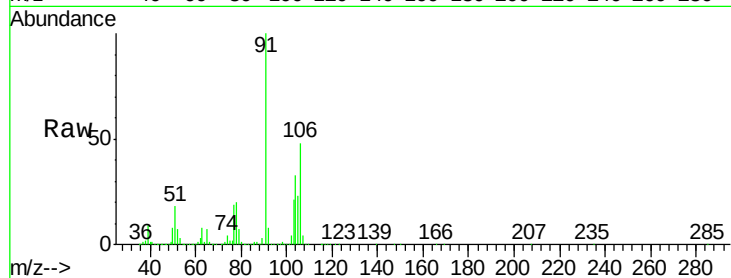
#69
o-Xylene
Concen: 99.138 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion:106 Resp: 1518213
Ion Ratio Lower Upper
106 100
91 209.8 105.2 315.6

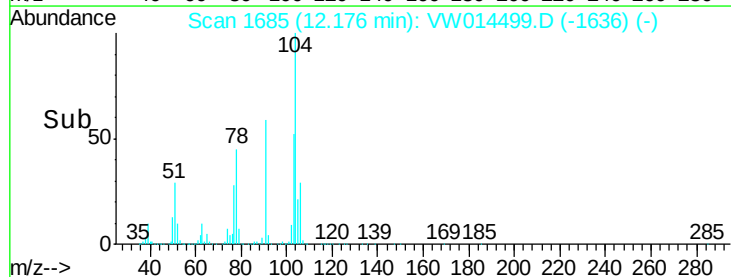
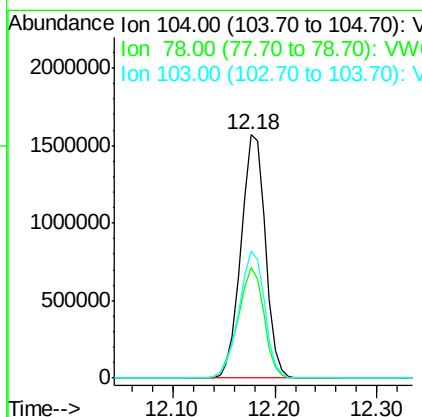
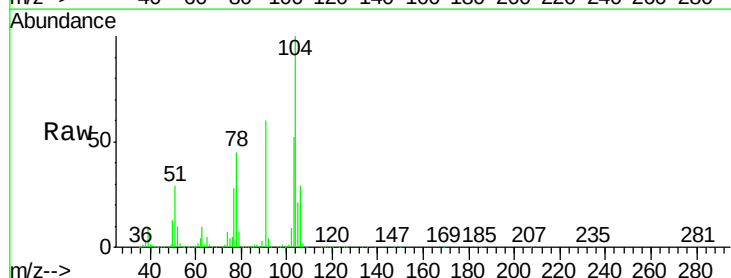
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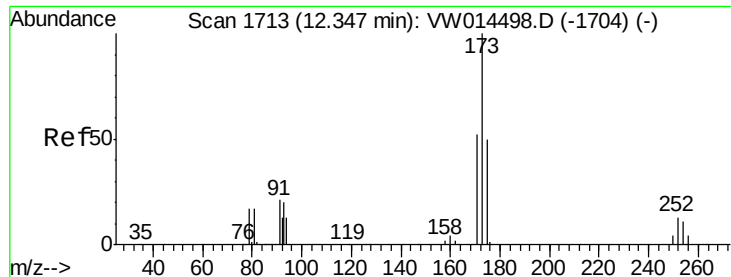
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#70
Styrene
Concen: 98.909 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Tgt Ion:104 Resp: 2596529
Ion Ratio Lower Upper
104 100
78 48.1 38.4 57.6
103 54.9 43.7 65.5





#71

Bromoform

Concen: 100.084 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion:173 Resp: 443526

Ion Ratio Lower Upper

173 100

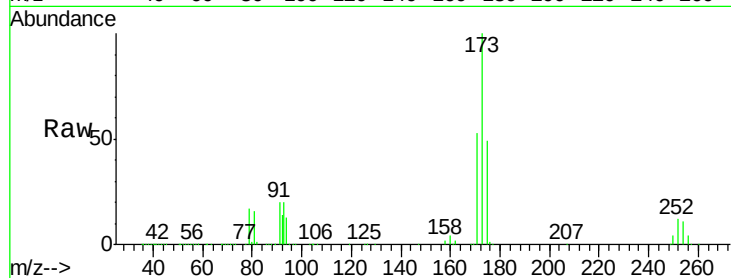
175 49.5 24.5 73.5

254 0.0 0.0 0.0#

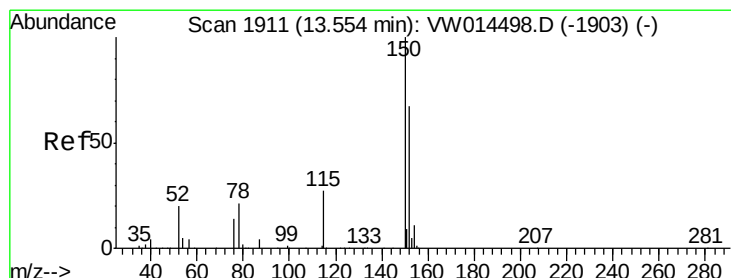
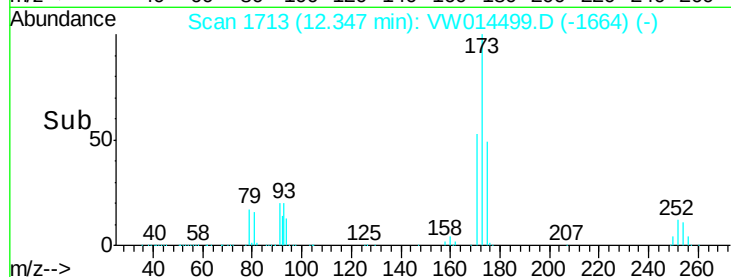
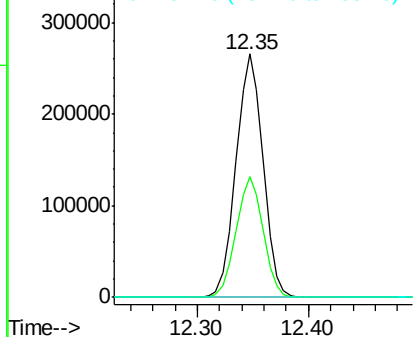
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

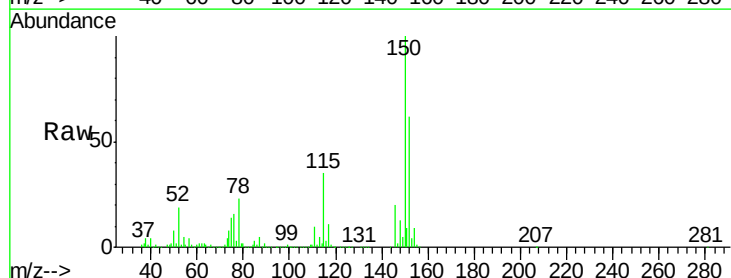
Tgt Ion:152 Resp: 557727

Ion Ratio Lower Upper

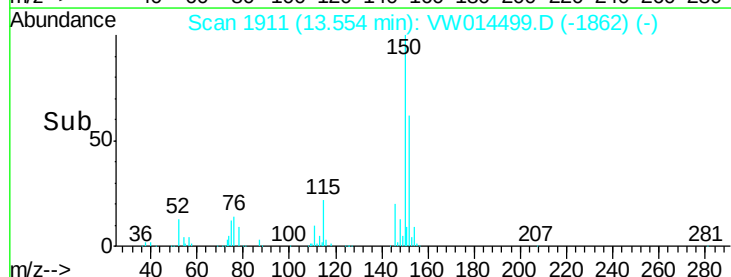
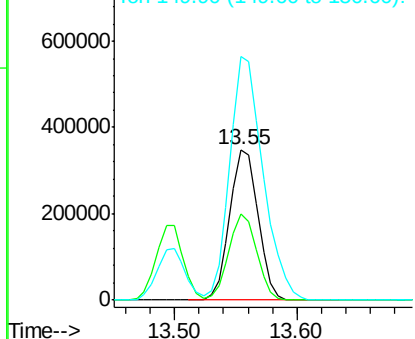
152 100

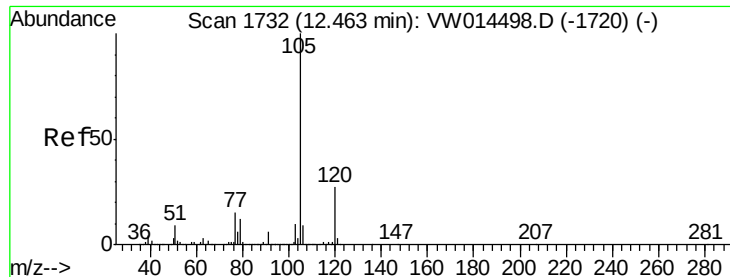
115 56.5 27.7 83.1

150 190.1 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: 103.920 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion:105 Resp: 4168836

Ion Ratio Lower Upper

105 100

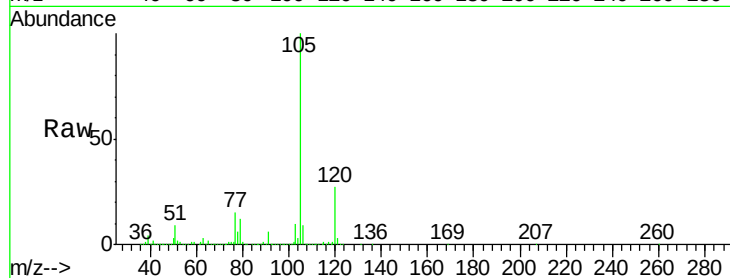
120 27.0 13.4 40.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

2500000

2000000

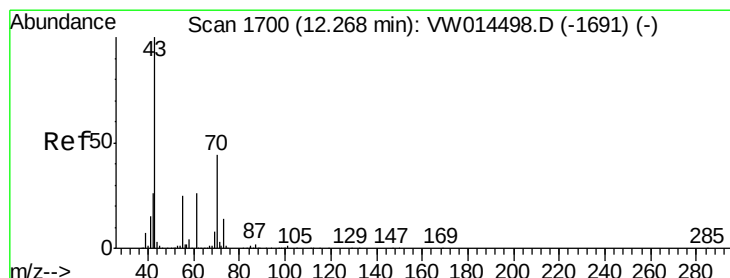
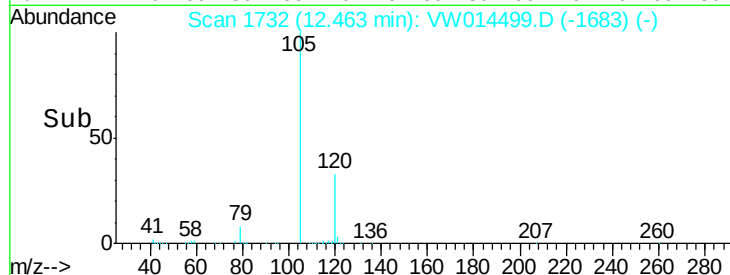
1500000

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 118.622 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Tgt Ion: 43 Resp: 962222

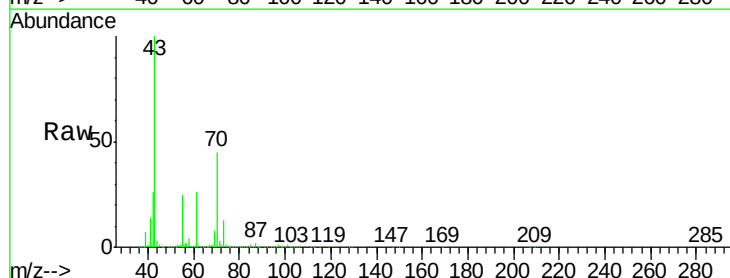
Ion Ratio Lower Upper

43 100

70 45.8 36.5 54.7

55 25.6 20.9 31.3

61 26.1 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

1000000

800000

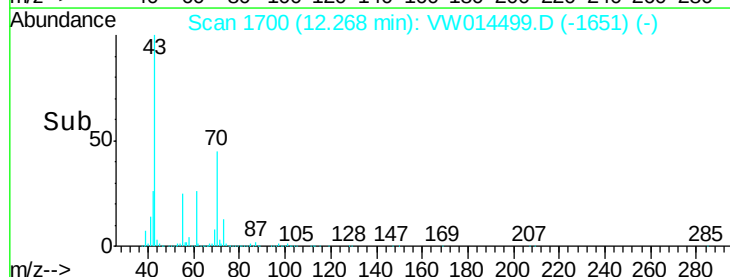
600000

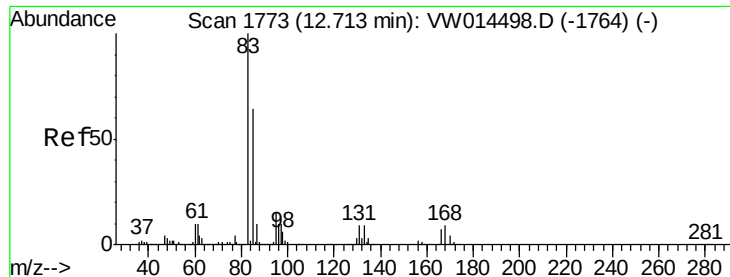
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 109.603 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Instrument :

MSVOA_W

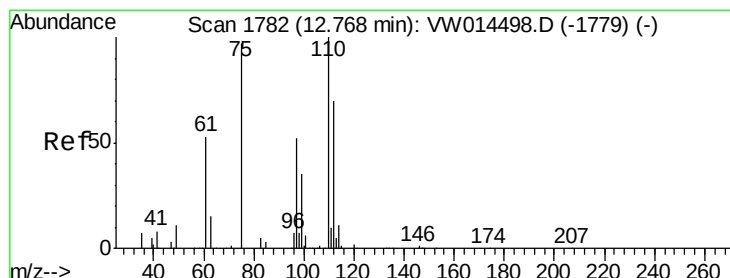
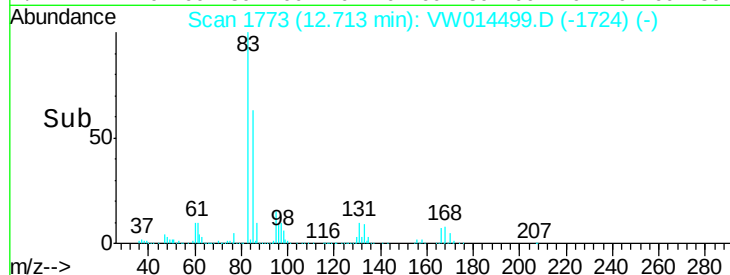
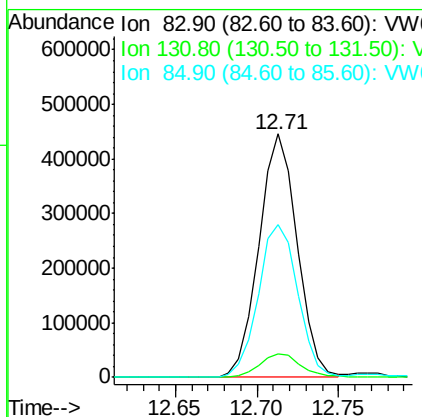
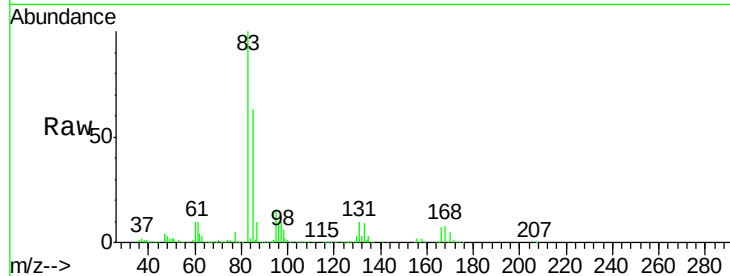
ClientSampled :

VSTDIC100

Tot Ion:	83	Resp:	721798
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	65.0	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 126.715 ug/l m

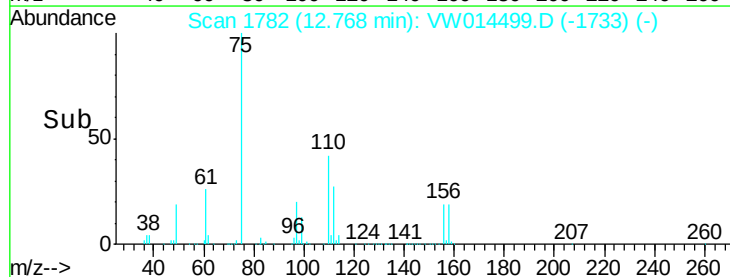
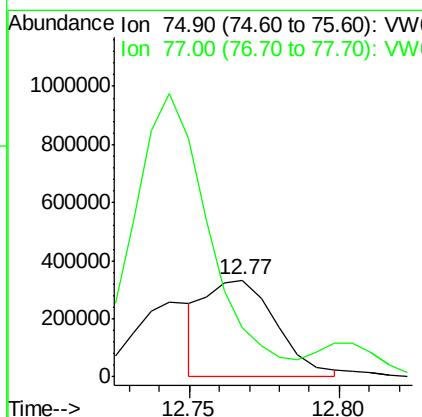
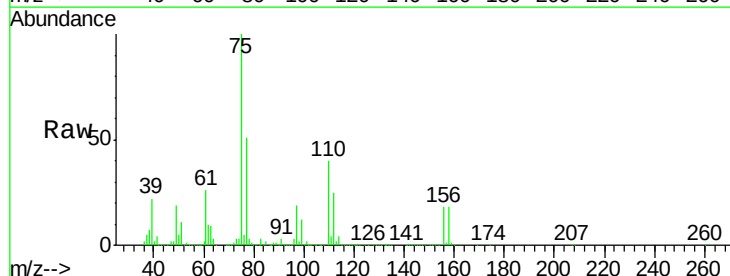
RT: 12.77 min Scan# 1782

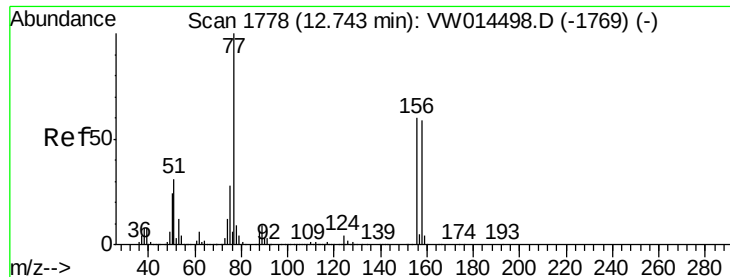
Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Tgt Ion:	75	Resp:	550688
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 99.352 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Instrument :

MSVOA_W

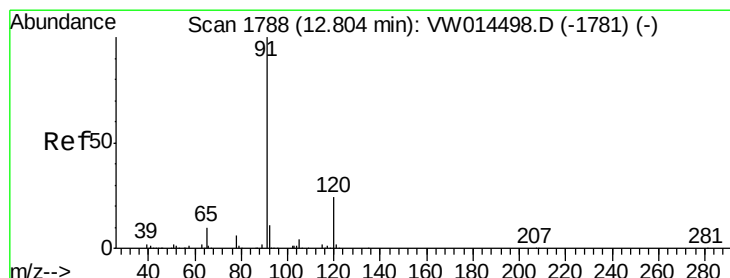
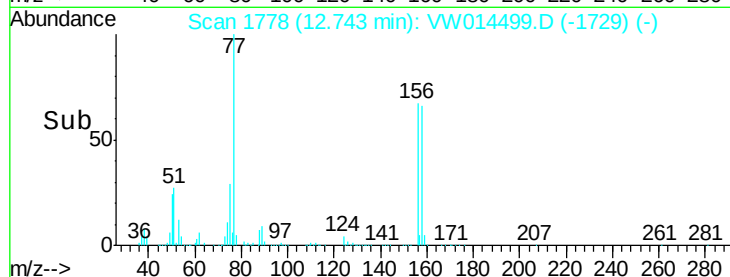
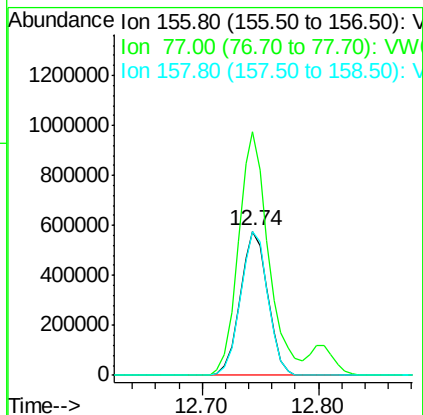
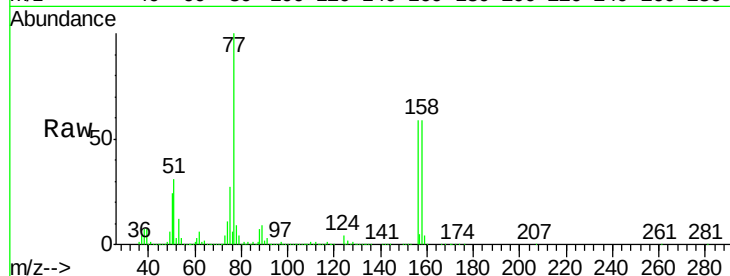
ClientSampled :

VSTDIC100

Tot Ion:	156	Resp:	949112
Ion Ratio	Lower	Upper	
156	100		
77	184.5	92.3	277.1
158	99.2	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 105.053 ug/l

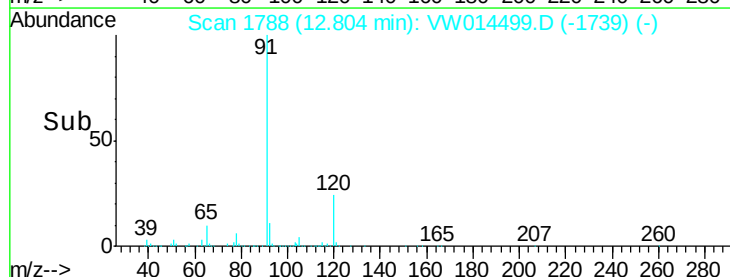
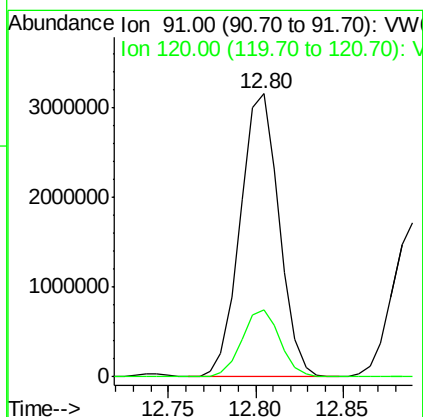
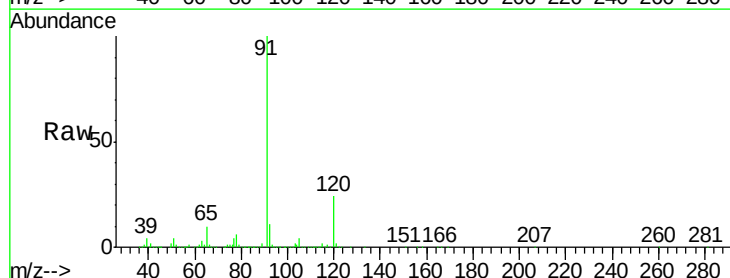
RT: 12.80 min Scan# 1788

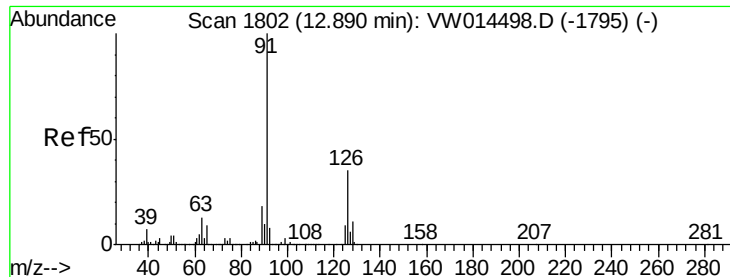
Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Tgt Ion:	91	Resp:	4887495
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.1





#79

2-Chlorotoluene

Concen: 104.244 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 91 Resp: 2728757

Ion Ratio Lower Upper

91 100

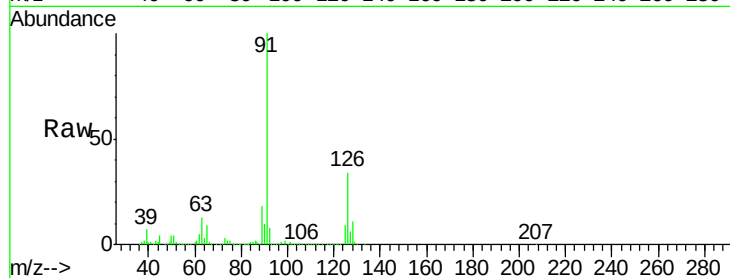
126 34.5 17.1 51.2

Manual Integrations

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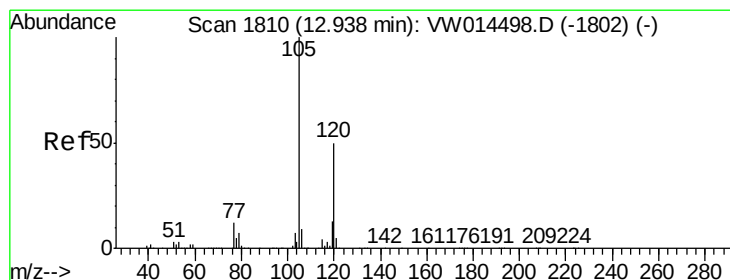
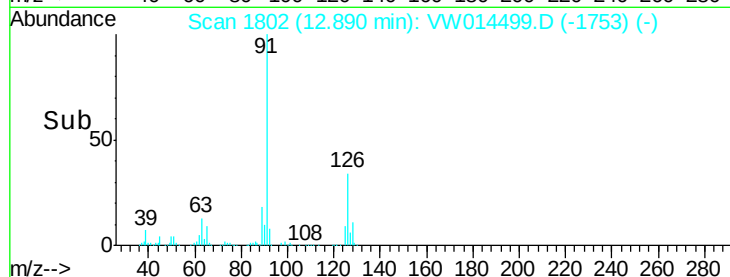
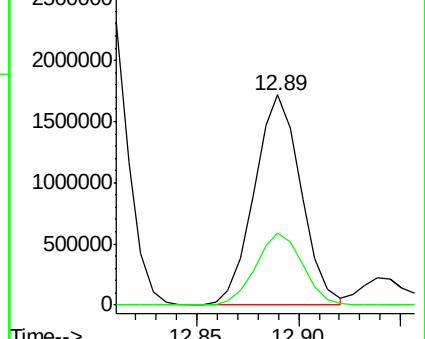
apatel

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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: 103.420 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW014499.D

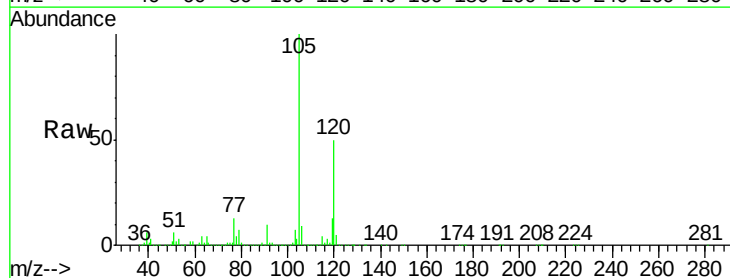
Acq: 03 Jan 2020 15:14

Tgt Ion: 105 Resp: 3490476

Ion Ratio Lower Upper

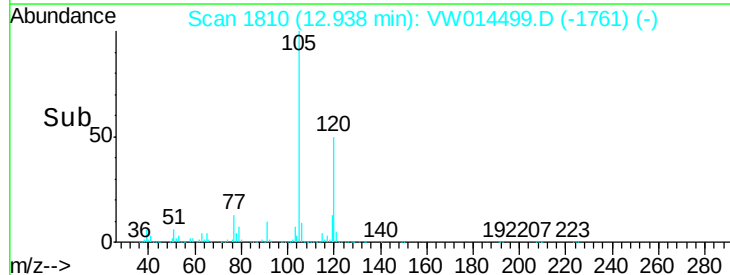
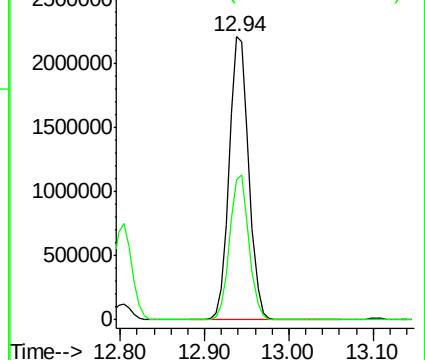
105 100

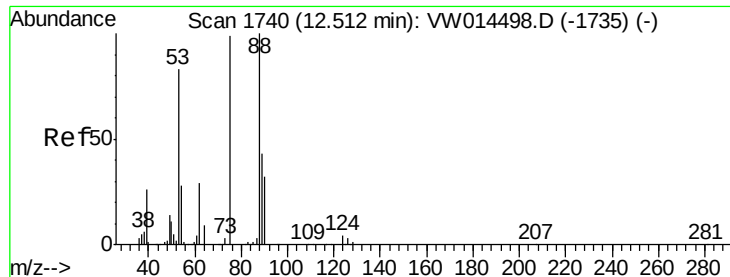
120 50.6 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





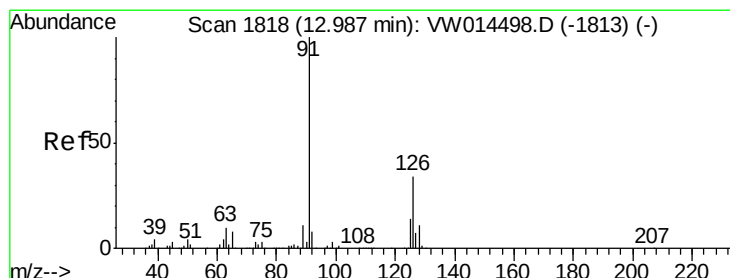
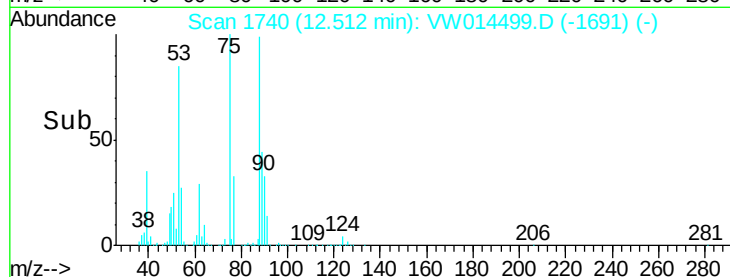
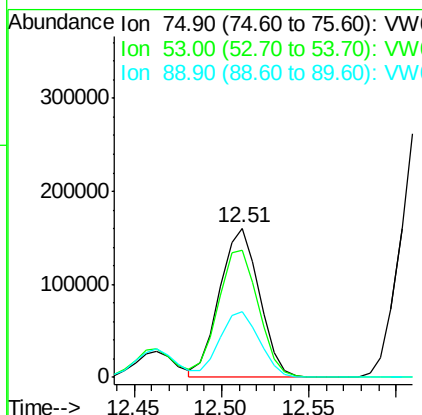
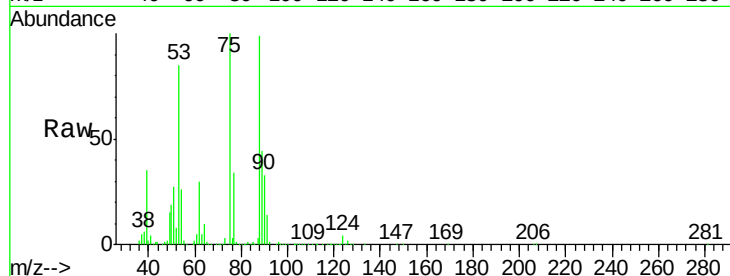
#81
trans-1,4-Dichloro-2-butene
Concen: 114.153 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.4	70.9	106.3
89	44.9	35.8	53.8

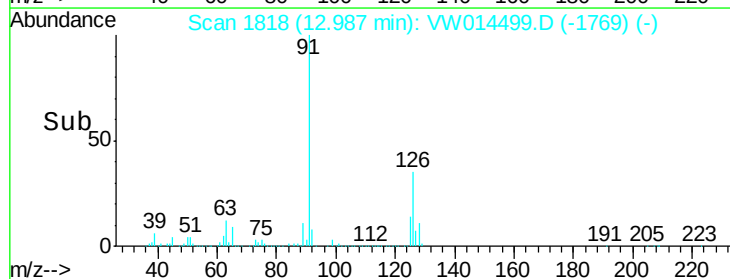
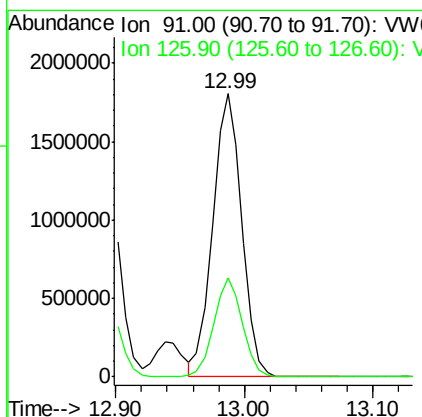
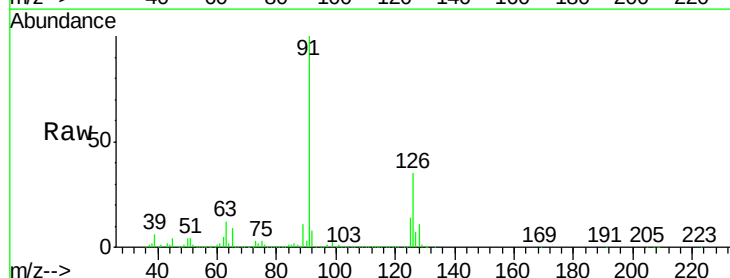
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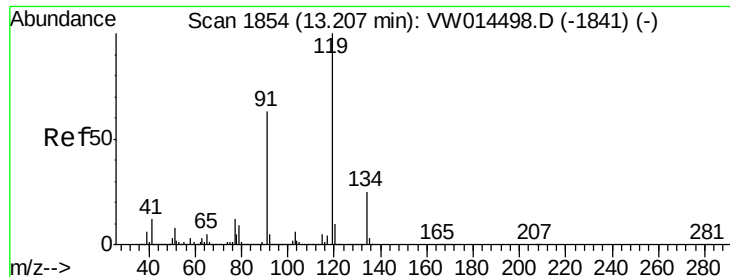
apatel
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#82
4-Chlorotoluene
Concen: 103.840 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.1	51.2





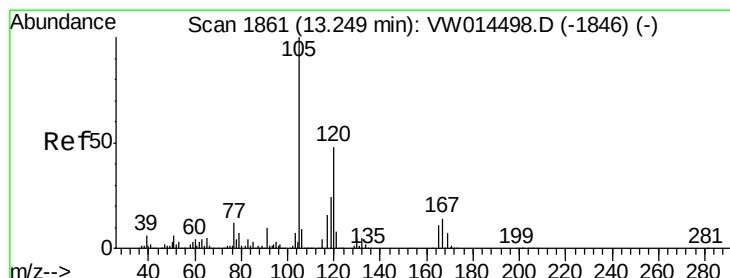
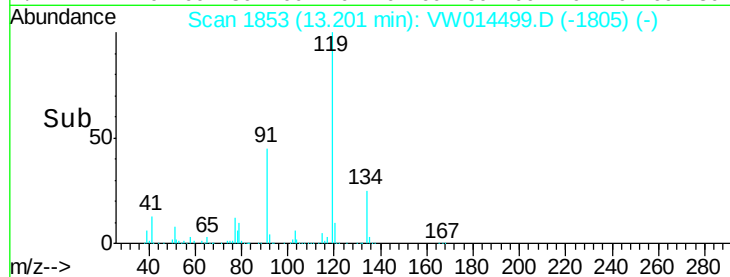
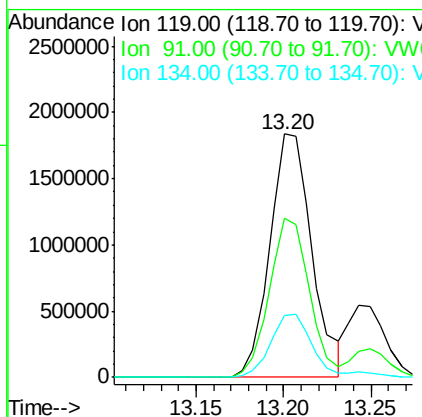
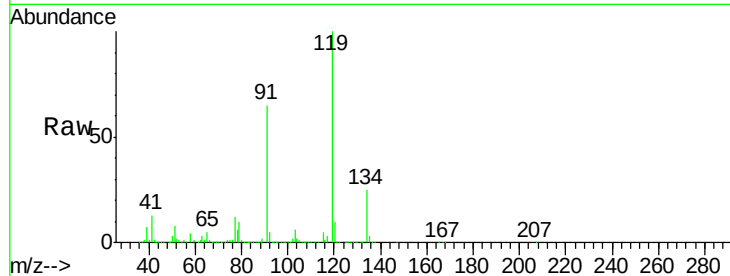
#83
 tert-Butylbenzene
 Concen: 102.969 ug/l
 RT: 13.20 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: VW014499.D
 Acq: 03 Jan 2020 15:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion:119 Resp: 3083027
 Ion Ratio Lower Upper
 119 100
 91 62.3 31.1 93.3
 134 26.7 13.5 40.5

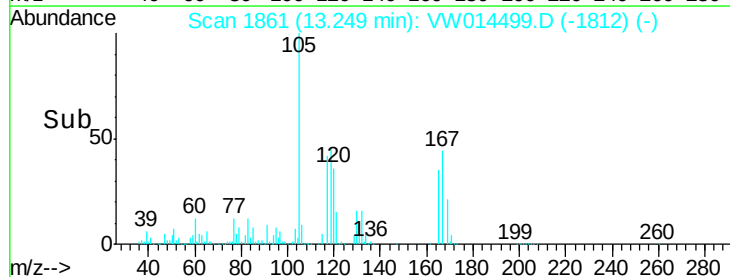
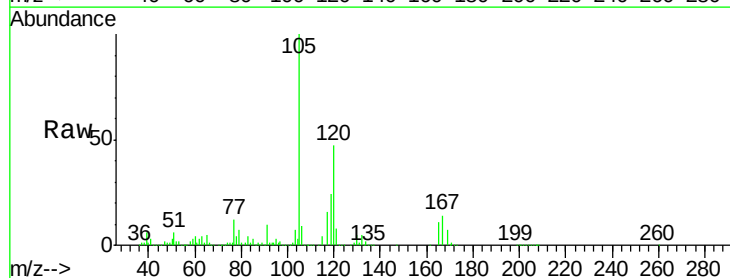
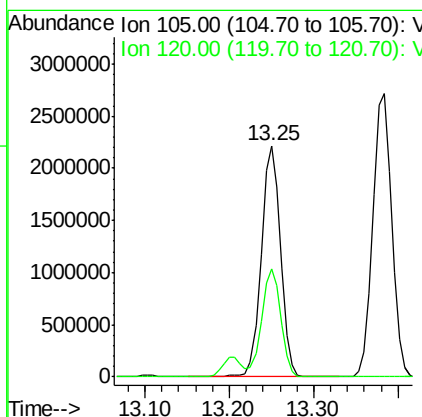
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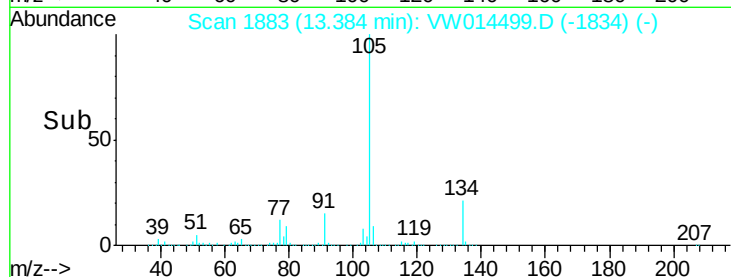
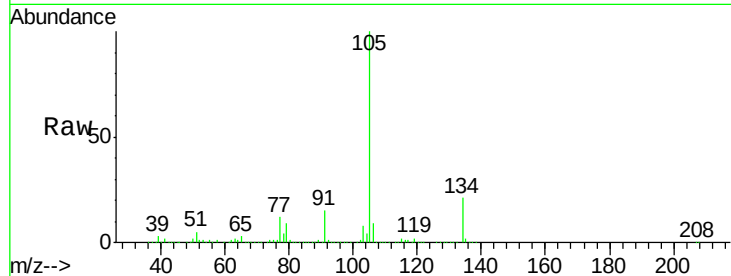
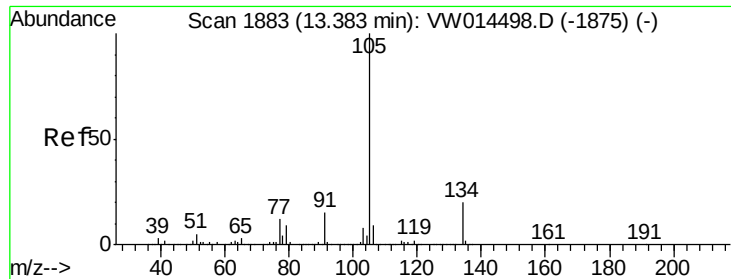
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#84
 1,2,4-Trimethylbenzene
 Concen: 103.921 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW014499.D
 Acq: 03 Jan 2020 15:14

Tgt Ion:105 Resp: 3466029
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.4 70.0





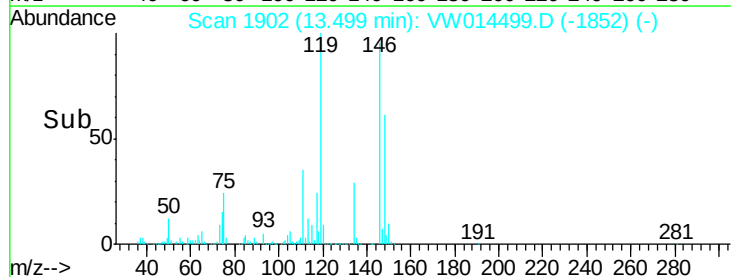
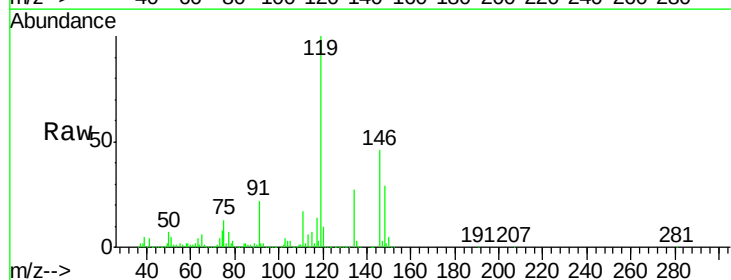
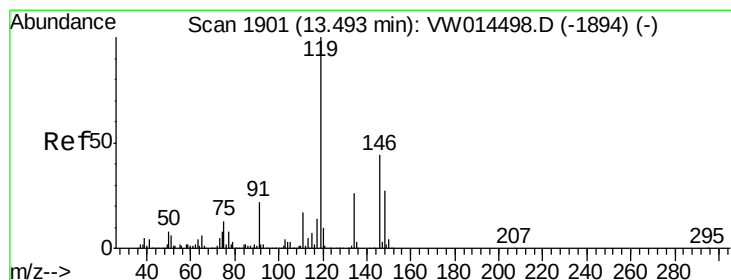
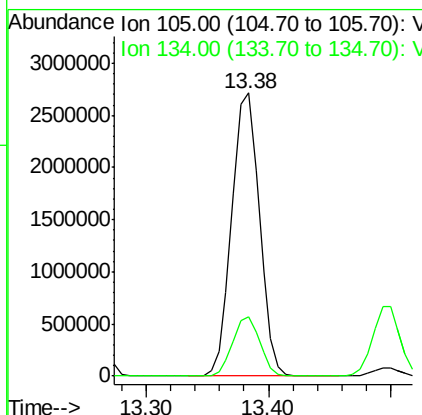
#85
 sec-Butylbenzene
 Concen: 103.635 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW014499.D
 Acq: 03 Jan 2020 15:14

Tot Ion:105 Resp: 4251126
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

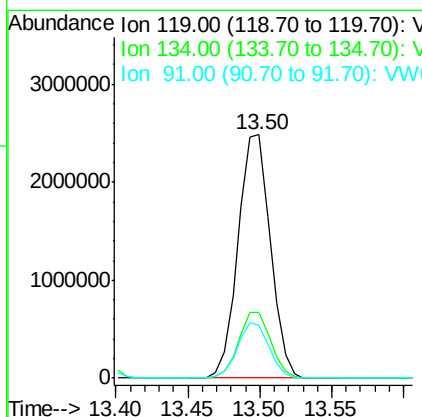
Manual Integrations
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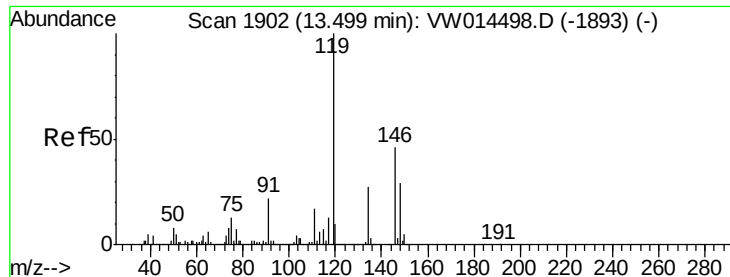
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#86
 p-Isopropyltoluene
 Concen: 101.508 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: VW014499.D
 Acq: 03 Jan 2020 15:14

Tgt Ion:119 Resp: 3866311
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.5
 91 22.2 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 100.523 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

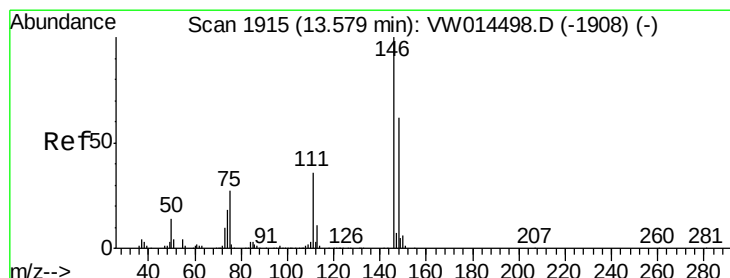
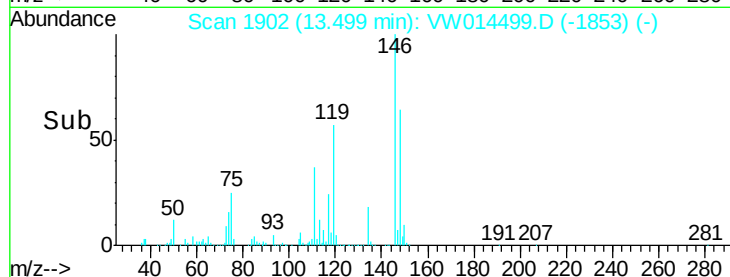
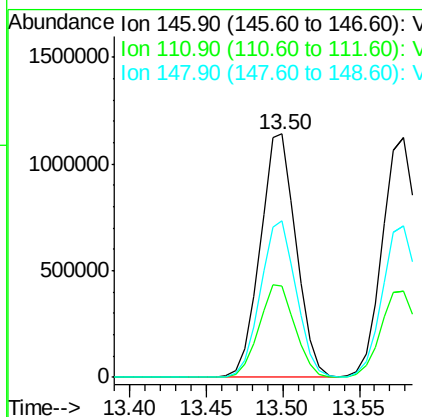
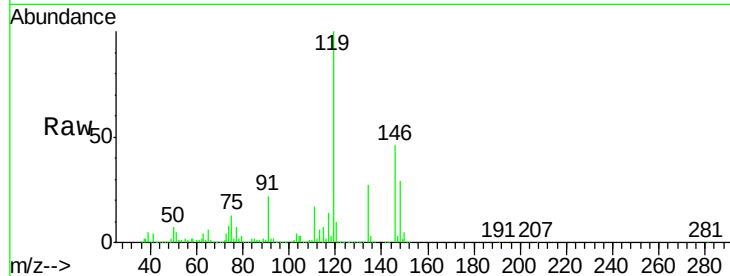
Instrument :
MSVOA_W

ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.3	57.9
148	63.9	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 98.386 ug/l

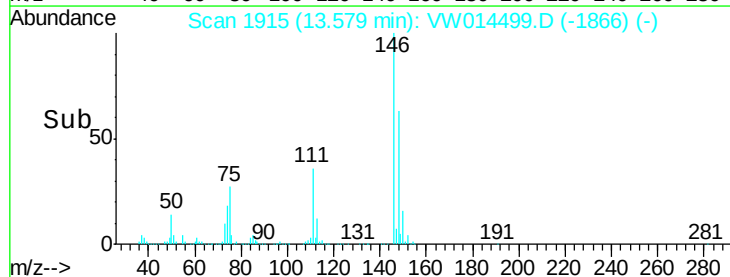
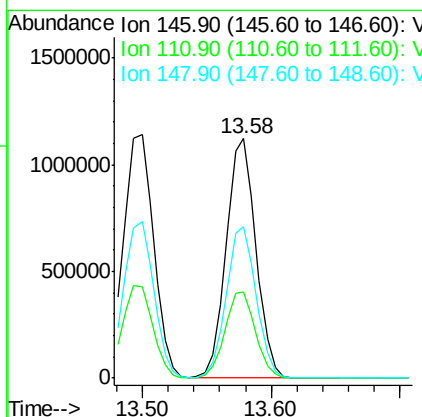
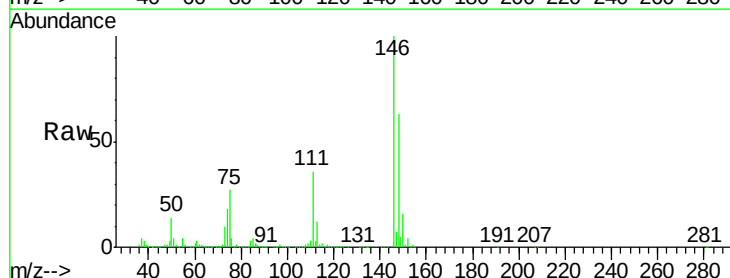
RT: 13.58 min Scan# 1915

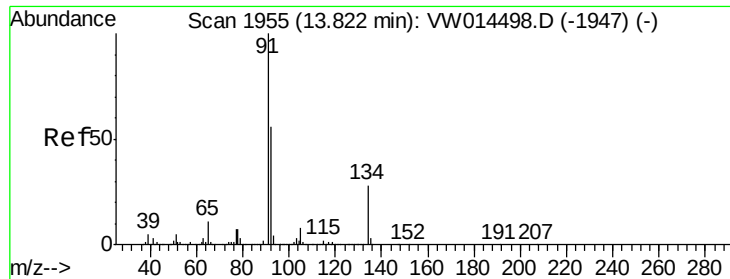
Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.7	56.1
148	63.4	31.7	95.1





#89

n-Butylbenzene

Concen: 105.419 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW014499.D

Acq: 03 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 3642250

Ion Ratio Lower Upper

91 100

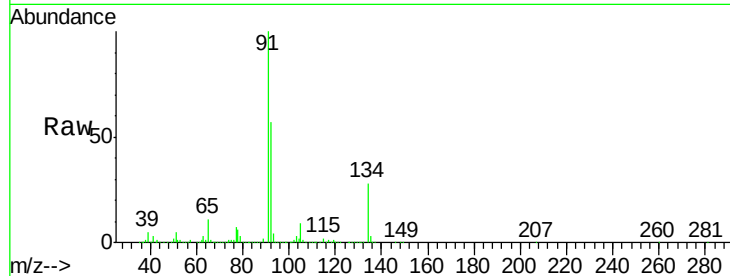
92 55.8 27.5 82.5

134 27.4 13.7 41.1

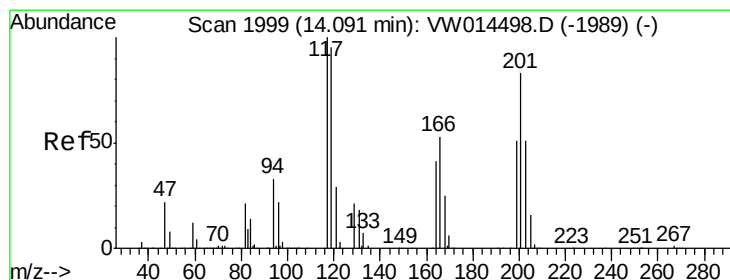
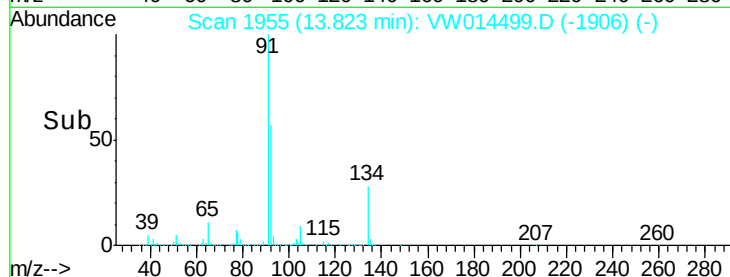
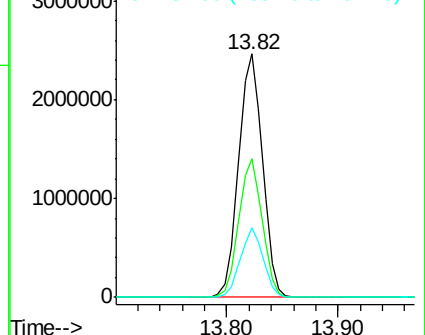
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Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 103.157 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW014499.D

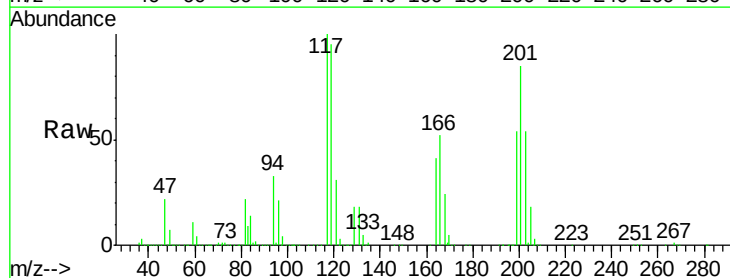
Acq: 03 Jan 2020 15:14

Tgt Ion: 117 Resp: 682265

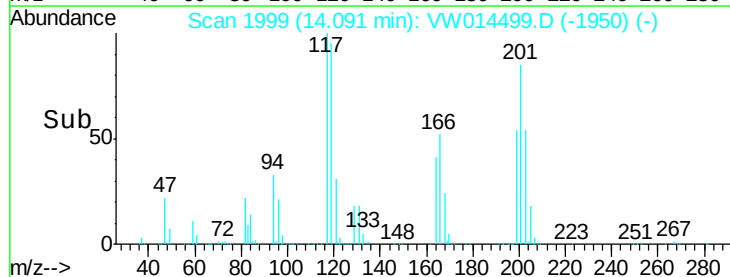
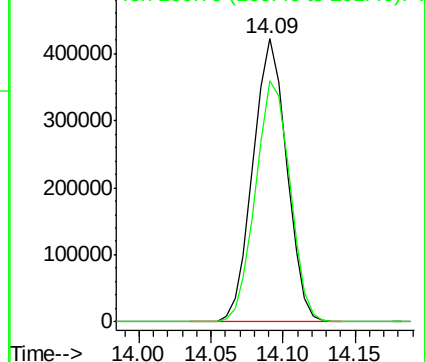
Ion Ratio Lower Upper

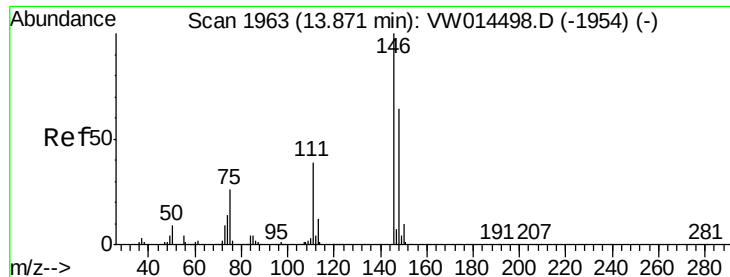
117 100

201 87.0 43.0 128.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





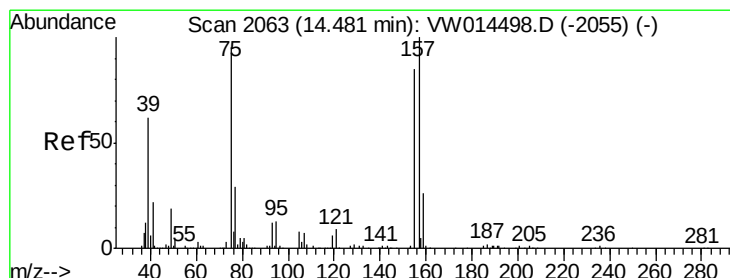
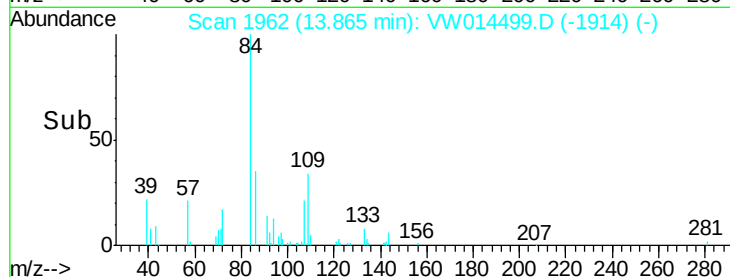
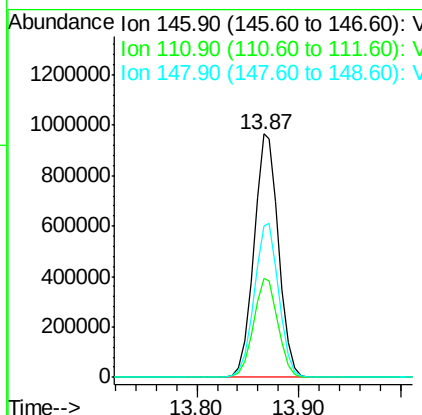
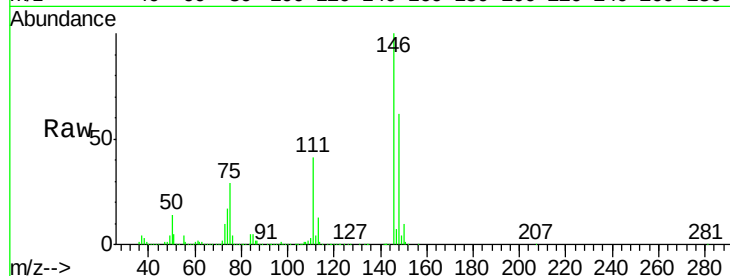
#91
 1,2-Dichlorobenzene
 Concen: 100.693 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014499.D
 Acq: 03 Jan 2020 15:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.3
148	63.4	32.3	96.8

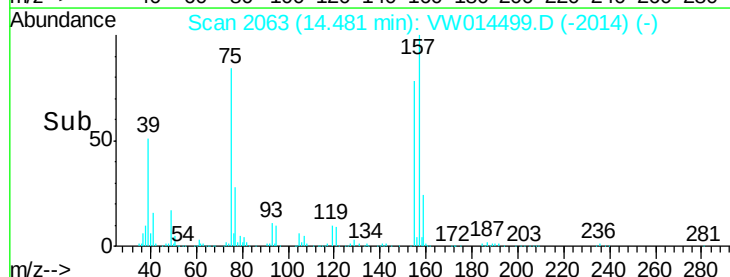
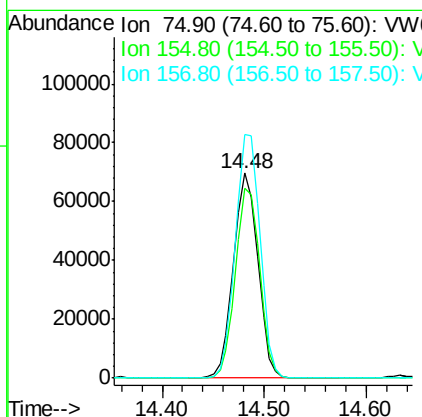
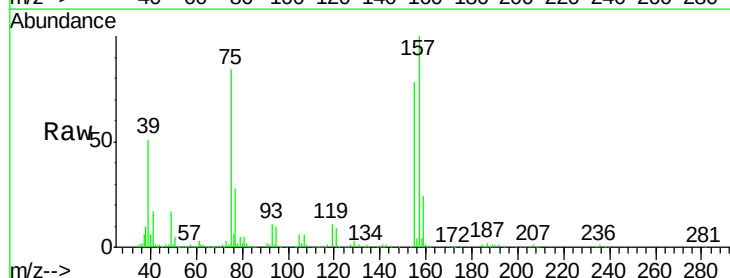
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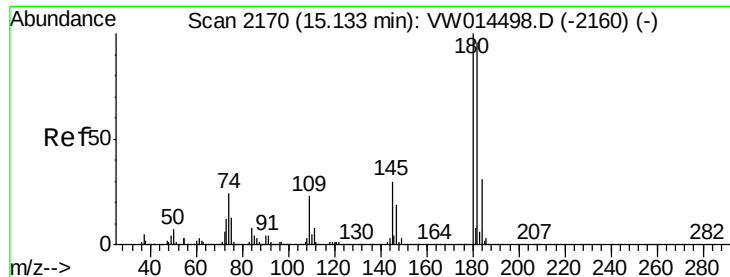
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 113.656 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW014499.D
 Acq: 03 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.7	45.8	137.4
157	120.6	58.1	174.2





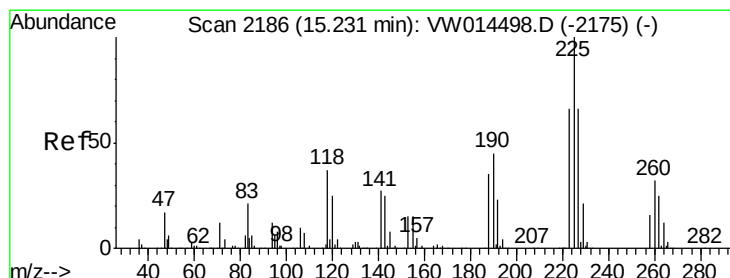
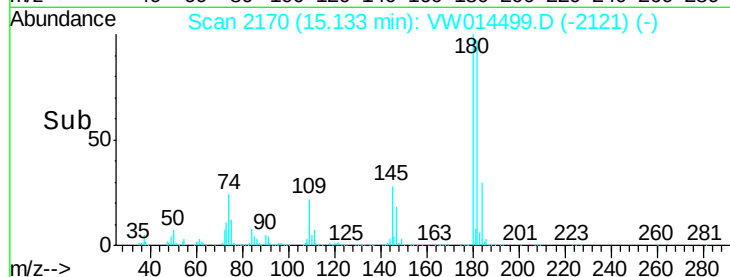
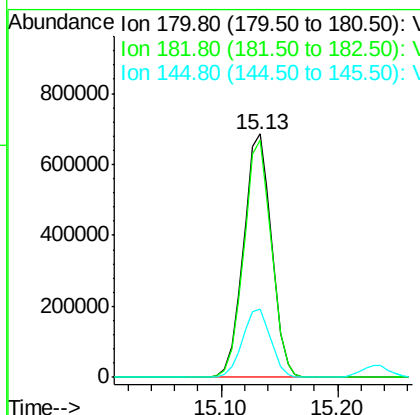
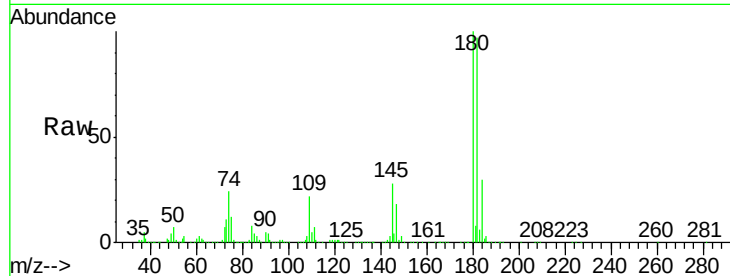
#93
 1,2,4-Trichlorobenzene
 Concen: 98.936 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW014499.D
 Acq: 03 Jan 2020 15:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion:180 Resp: 1150720
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.3 141.8
 145 28.4 14.7 44.1

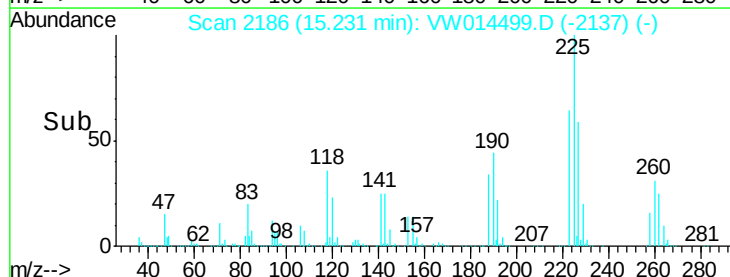
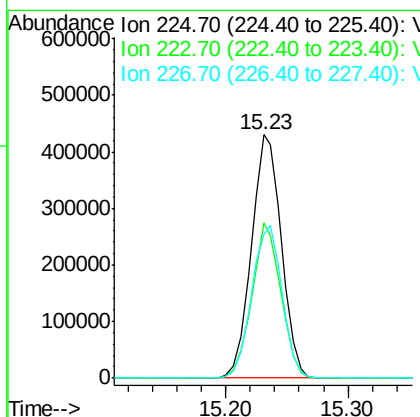
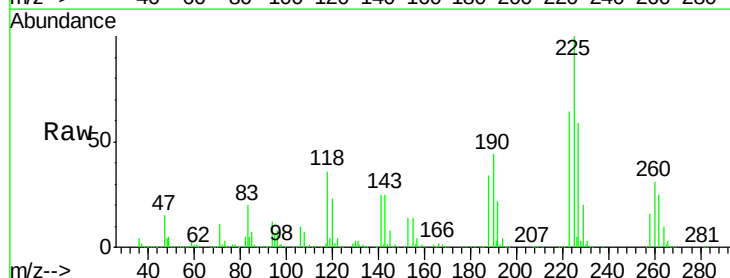
Manual Integrations
 APPROVED

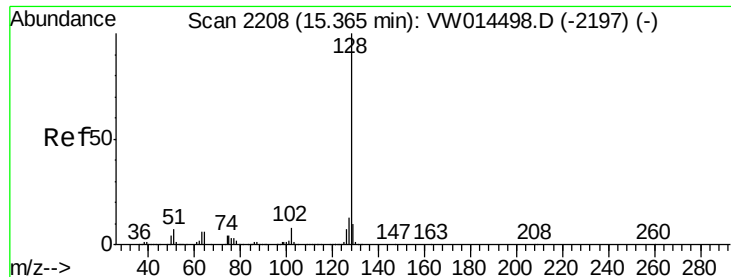
apatel
 1/6/2020 10:43:22 AM



#94
 Hexachlorobutadiene
 Concen: 93.735 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VW014499.D
 Acq: 03 Jan 2020 15:14

Tgt Ion:225 Resp: 731541
 Ion Ratio Lower Upper
 225 100
 223 61.6 32.4 97.2
 227 63.6 32.6 97.8





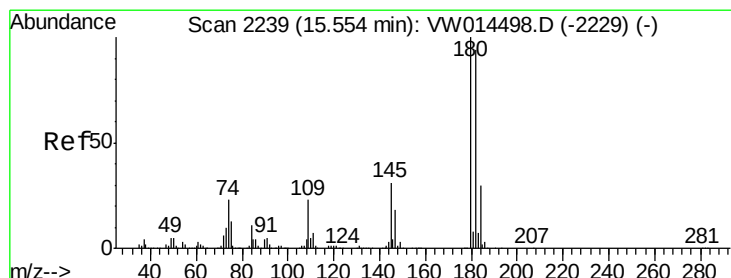
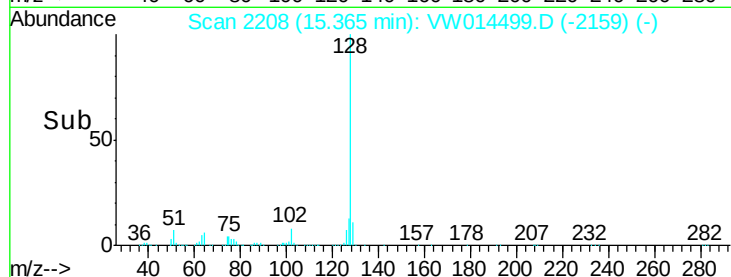
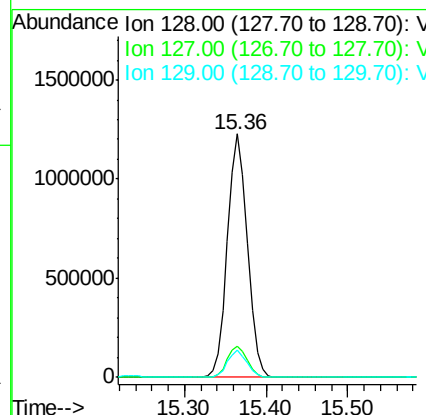
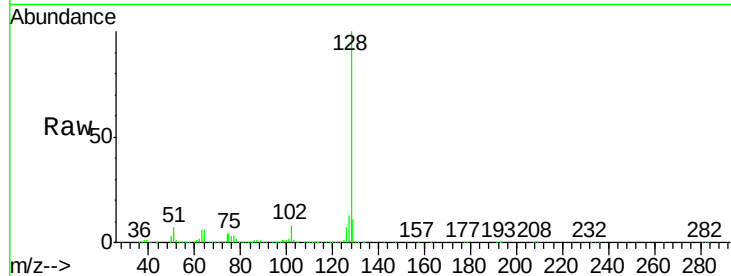
#95
Naphthalene
Concen: 110.901 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	10.8	8.7	13.1

Manual Integrations
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1/6/2020 10:43:22 AM



#96
1,2,3-Trichlorobenzene
Concen: 98.862 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW014499.D
Acq: 03 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.4	142.2
145	30.2	15.5	46.5

