

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010720\
 Data File : VW014549.D
 Acq On : 07 Jan 2020 16:55
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 1/8/2020 9:13:53 AM

Quant Time: Jan 08 07:00:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	587896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	802032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	634305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	274540	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	173007	33.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.32%	
35) Dibromofluoromethane	7.88	113	192496	42.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.00%	
50) Toluene-d8	10.32	98	871385	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	
62) 4-Bromofluorobenzene	12.62	95	253105	39.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	151510	45.644	ug/l	96
3) Chloromethane	2.21	50	181608	44.698	ug/l	97
4) Vinyl Chloride	2.36	62	306996	51.371	ug/l	100
5) Bromomethane	2.78	94	173457	46.986	ug/l	95
6) Chloroethane	2.93	64	169054	49.626	ug/l	98
7) Trichlorofluoromethane	3.26	101	162239	54.261	ug/l	94
8) Diethyl Ether	3.68	74	104250	35.043	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	298295	53.394	ug/l	100
10) Methyl Iodide	4.28	142	380727	45.167	ug/l	99
11) Tert butyl alcohol	5.15	59	63548	151.292	ug/l	100
12) 1,1-Dichloroethene	4.04	96	296837	50.737	ug/l	98
13) Acrolein	3.89	56	73474	163.775	ug/l	99
14) Allyl chloride	4.67	41	412271	46.113	ug/l	99
15) Acrylonitrile	5.37	53	204213	150.175	ug/l	99
16) Acetone	4.12	43	242748	167.253	ug/l	95
17) Carbon Disulfide	4.38	76	862923	48.937	ug/l	99
18) Methyl Acetate	4.67	43	104874	29.919	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	287930	39.647	ug/l	99
20) Methylene Chloride	4.92	84	249628	41.780	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	290117	46.702	ug/l	92
22) Diisopropyl ether	6.31	45	696727	41.635	ug/l	98
23) Vinyl Acetate	6.25	43	1717459	169.961	ug/l	100
24) 1,1-Dichloroethane	6.21	63	469304	44.460	ug/l	99
25) 2-Butanone	7.16	43	287339	154.268	ug/l	98
26) 2,2-Dichloropropane	7.16	77	286144	48.963	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	283563	43.442	ug/l	98
28) Bromochloromethane	7.51	49	158745	38.359	ug/l	100
29) Tetrahydrofuran	7.52	42	167870	145.482	ug/l	99
30) Chloroform	7.67	83	425291	43.085	ug/l	98
31) Cyclohexane	7.96	56	552434	50.359	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	385378	48.543	ug/l	99
36) 1,1-Dichloropropene	8.08	75	423731	54.802	ug/l	100
37) Ethyl Acetate	7.25	43	120114	34.253	ug/l	99
38) Carbon Tetrachloride	8.07	117	363867	54.244	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	575468	57.996	ug/l	100
40) Benzene	8.32	78	1074162	49.101	ug/l	100
41) Methacrylonitrile	7.48	41	60233	30.814	ug/l	93
42) 1,2-Dichloroethane	8.40	62	222301	39.157	ug/l	100
43) Isopropyl Acetate	8.42	43	223170	35.047	ug/l	99
44) Trichloroethene	9.09	130	304576	51.452	ug/l	94
45) 1,2-Dichloropropane	9.37	63	241077	44.908	ug/l	100
46) Dibromomethane	9.46	93	99012	37.361	ug/l	98
47) Bromodichloromethane	9.64	83	280401	42.856	ug/l	100
48) Methyl methacrylate	9.43	41	108212	34.806	ug/l	99
49) 1,4-Dioxane	9.45	88	31284	631.146	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	567784	171.702	ug/l	100
52) Toluene	10.38	92	674999	49.045	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	263285	38.865	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	352865	42.619	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	145121	37.494	ug/l	98
56) Ethyl methacrylate	10.65	69	182739	36.329	ug/l	100
57) 1,3-Dichloropropane	10.93	76	259752	38.185	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	278167	181.831	ug/l	99
59) 2-Hexanone	10.97	43	393820	172.829	ug/l	99
60) Dibromochloromethane	11.13	129	170310	38.999	ug/l	99
61) 1,2-Dibromoethane	11.23	107	133043	36.212	ug/l	99
64) Tetrachloroethene	10.86	164	261351	56.913	ug/l	98
65) Chlorobenzene	11.66	112	642414	49.436	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	204466	46.731	ug/l	98
67) Ethyl Benzene	11.73	91	1243806	53.111	ug/l	100
68) m/p-Xylenes	11.83	106	946114	105.558	ug/l	100
69) o-Xylene	12.16	106	415031	50.129	ug/l	100
70) Styrene	12.18	104	679314	48.510	ug/l	100
71) Bromoform	12.35	173	89991	37.707	ug/l #	99
73) Isopropylbenzene	12.46	105	1231824	61.150	ug/l	100
74) N-amyl acetate	12.27	43	185229	41.009	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	154082	42.377	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	94672m	36.472	ug/l	
77) Bromobenzene	12.74	156	238190	50.909	ug/l	97
78) n-propylbenzene	12.80	91	1414888	59.731	ug/l	99
79) 2-Chlorotoluene	12.89	91	745618	55.313	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	971052	57.411	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	47791	41.021	ug/l	98
82) 4-Chlorotoluene	12.99	91	758321	54.146	ug/l	99
83) tert-Butylbenzene	13.21	119	874466	59.051	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	921336	54.738	ug/l	99
85) sec-Butylbenzene	13.38	105	1232689	60.138	ug/l	99
86) p-Isopropyltoluene	13.49	119	1079912	57.800	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	457413	50.276	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	440613	49.055	ug/l	100
89) n-Butylbenzene	13.82	91	982720	56.641	ug/l	100
90) Hexachloroethane	14.09	117	173328	53.105	ug/l	100
91) 1,2-Dichlorobenzene	13.86	146	377115	47.160	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	22102	38.386	ug/l	94

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	224197	41.518	ug/l	98
94) Hexachlorobutadiene	15.24	225	180772	49.954	ug/l	97
95) Naphthalene	15.36	128	335184	36.395	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	186159	39.550	ug/l	98

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

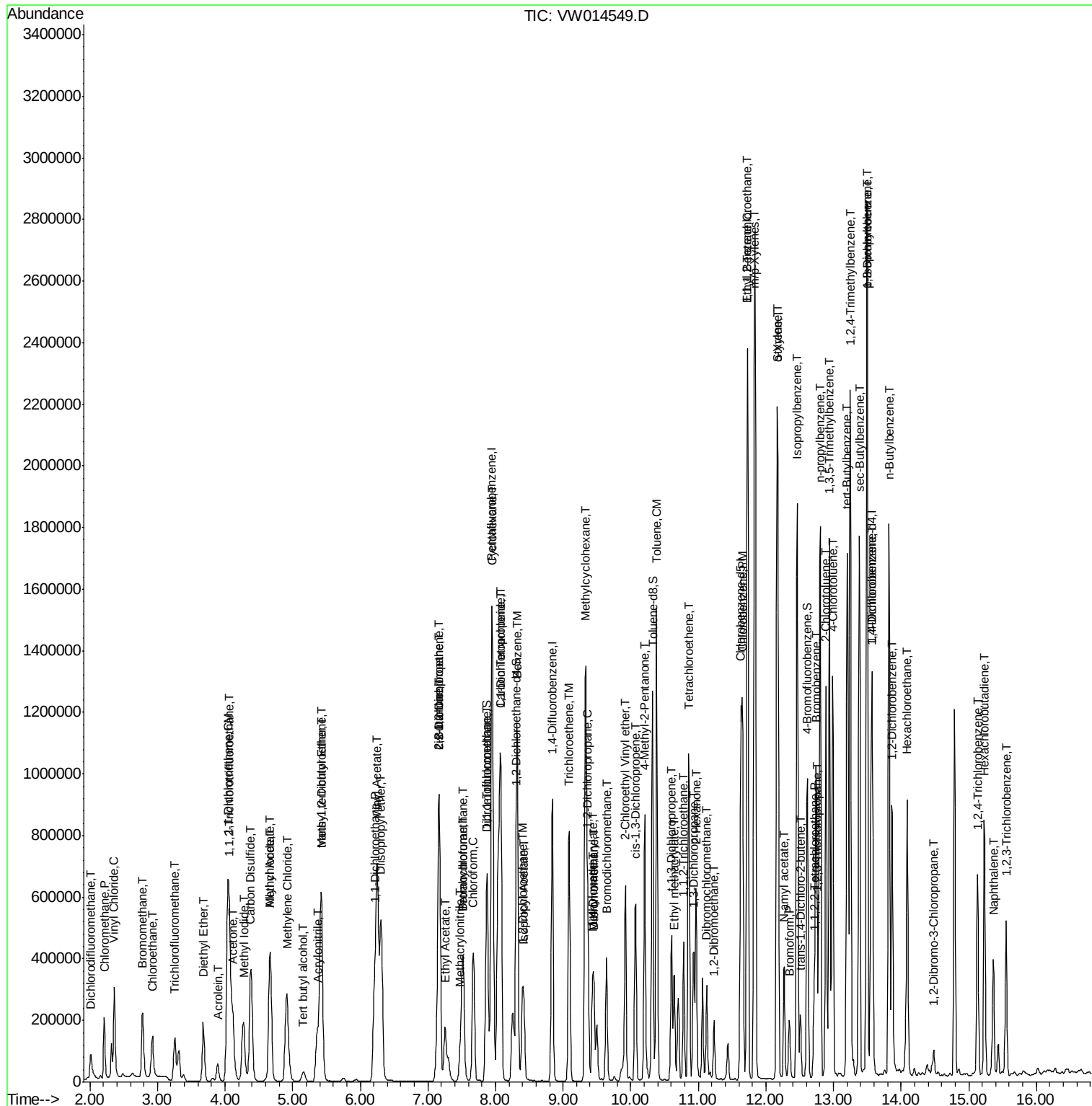
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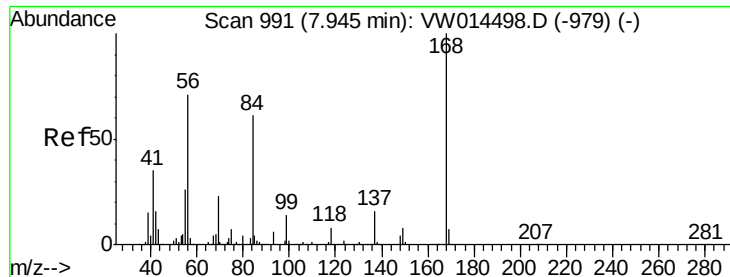
Instrument :
MSVOA_W
Client Sample Id :
VSTDCCC050EC

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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: VW014549.D

Acq: 07 Jan 2020 16:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 587896

Ion Ratio Lower Upper

168 100

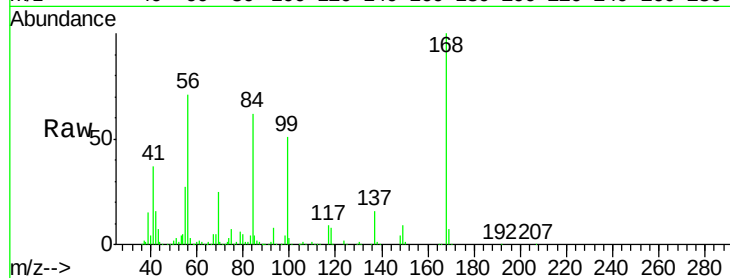
99 50.6 41.1 61.7

Manual Integrations

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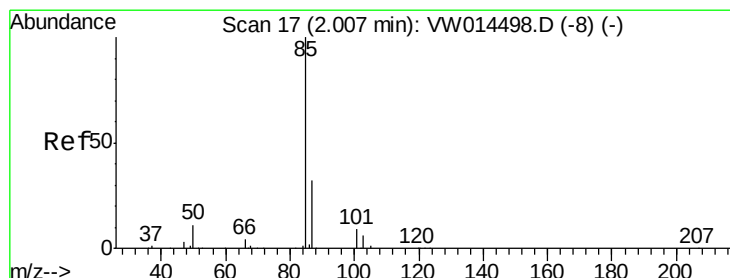
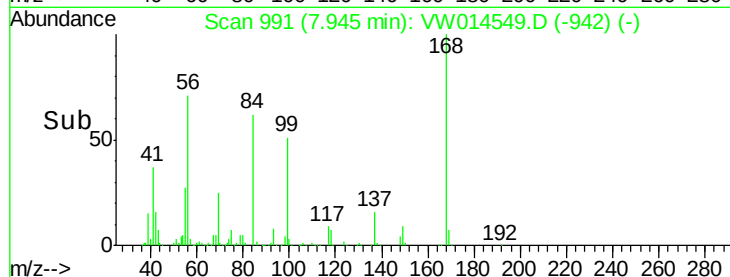
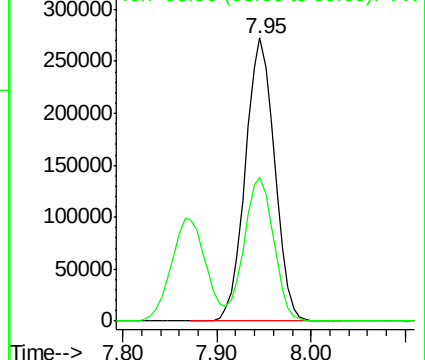
apatel

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 45.644 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW014549.D

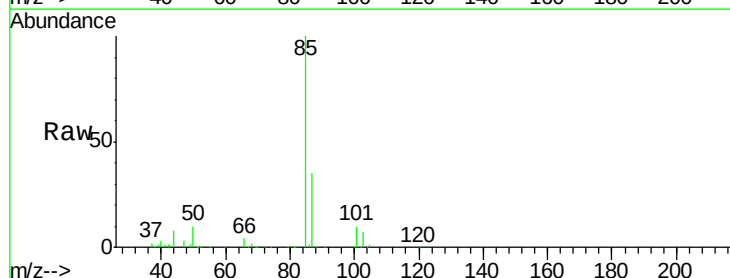
Acq: 07 Jan 2020 16:55

Tgt Ion: 85 Resp: 151510

Ion Ratio Lower Upper

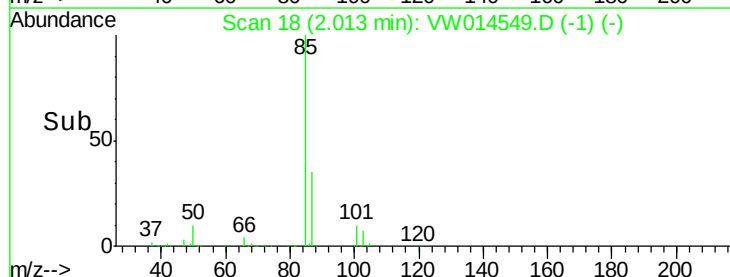
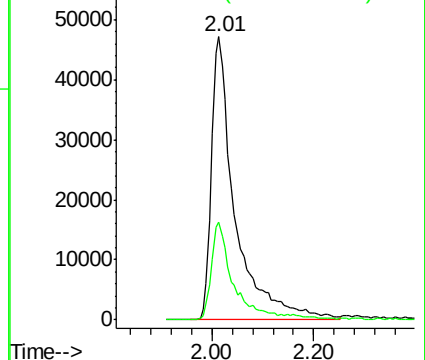
85 100

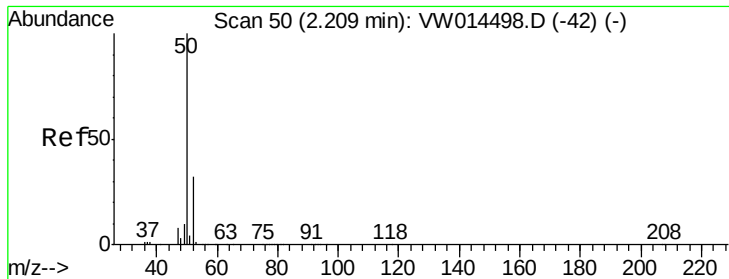
87 34.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 44.698 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 181608

Ion Ratio Lower Upper

50 100

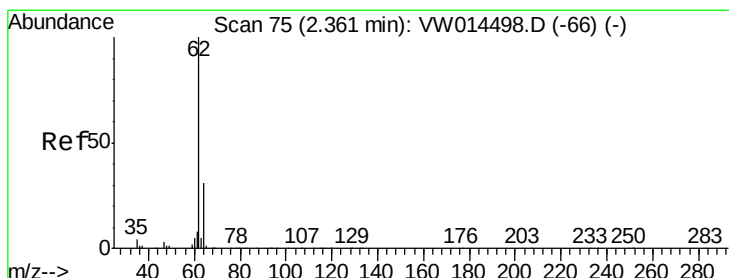
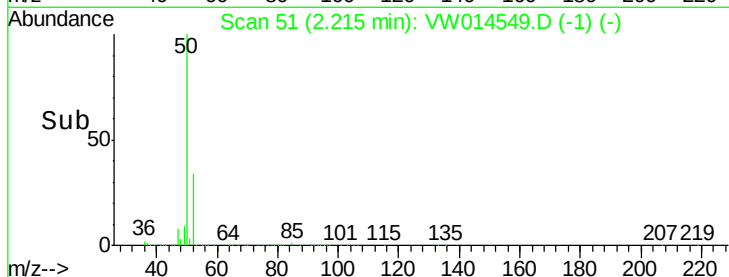
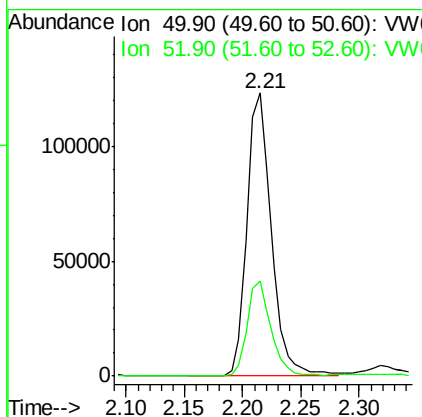
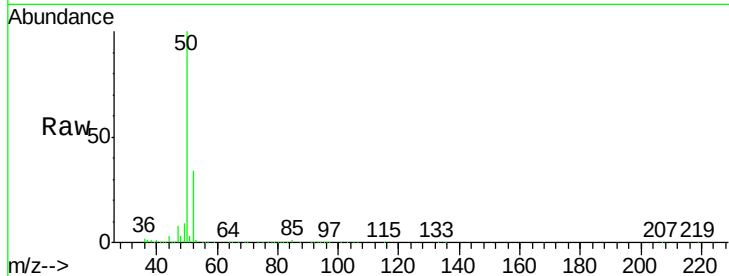
52 33.8 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.371 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014549.D

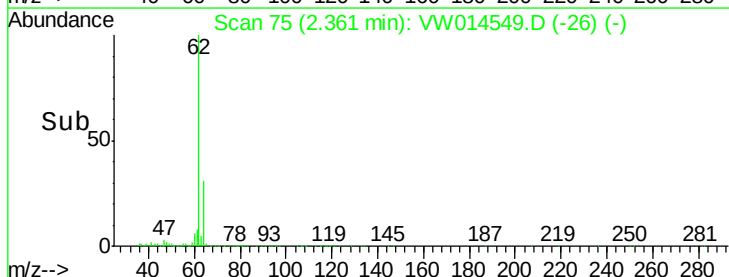
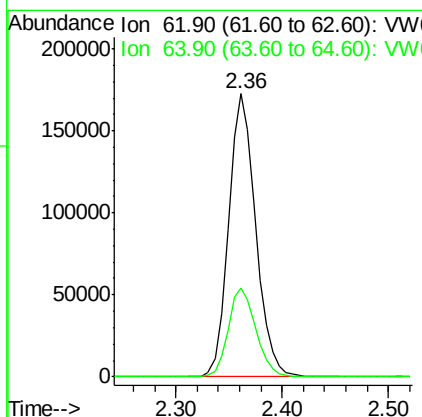
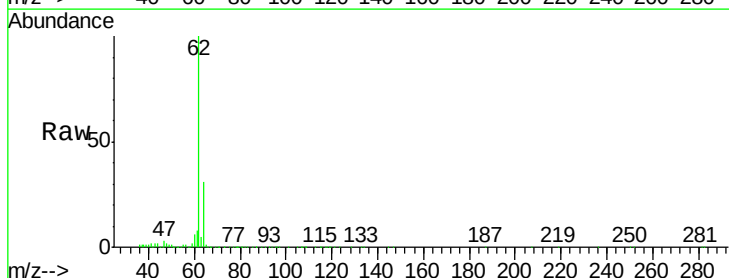
Acq: 07 Jan 2020 16:55

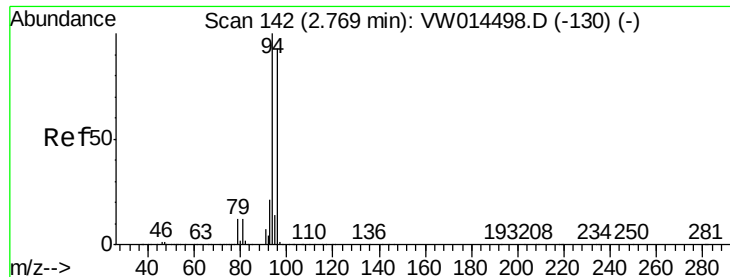
Tgt Ion: 62 Resp: 306996

Ion Ratio Lower Upper

62 100

64 31.4 25.0 37.4





#5

Bromomethane

Concen: 46.986 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 173457

Ion Ratio Lower Upper

94 100

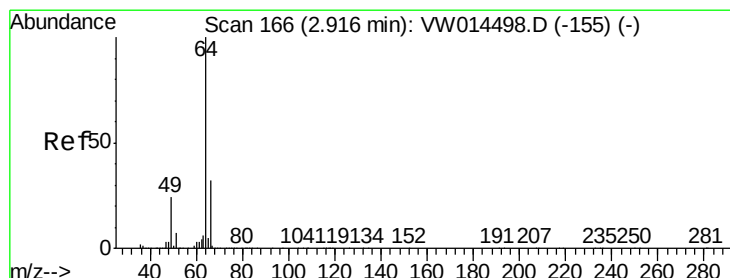
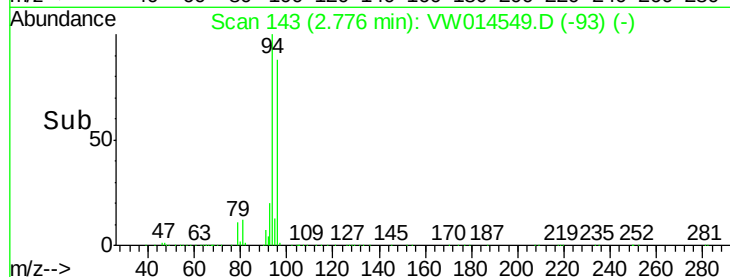
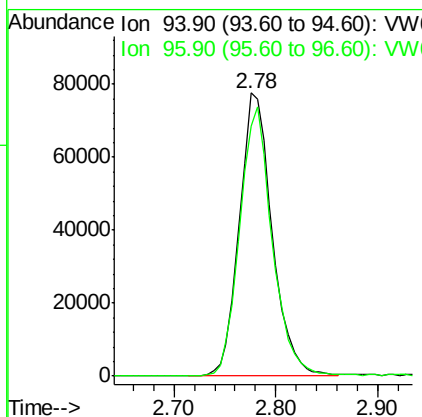
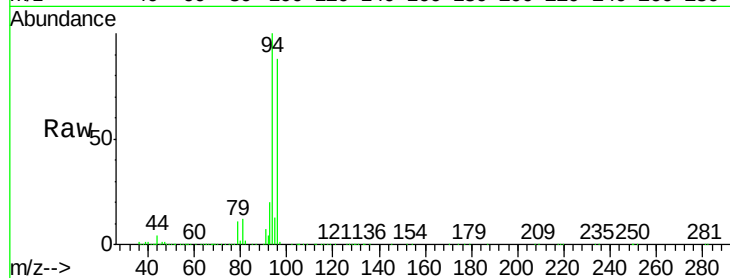
96 87.9 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 49.626 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW014549.D

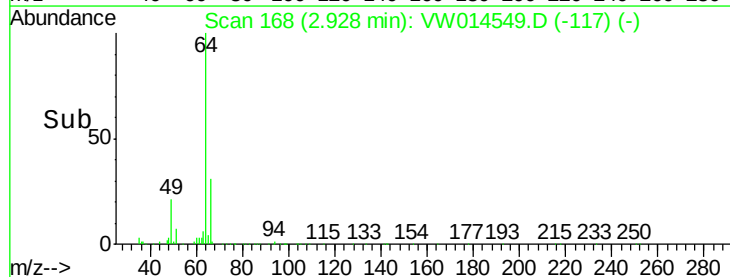
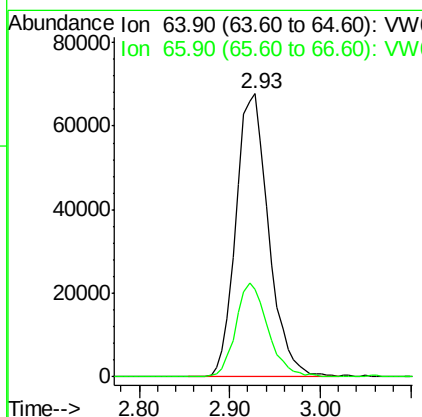
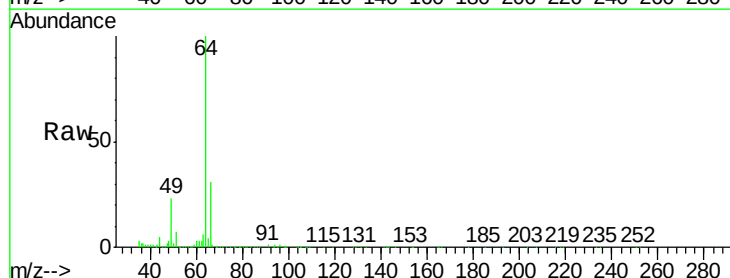
Acq: 07 Jan 2020 16:55

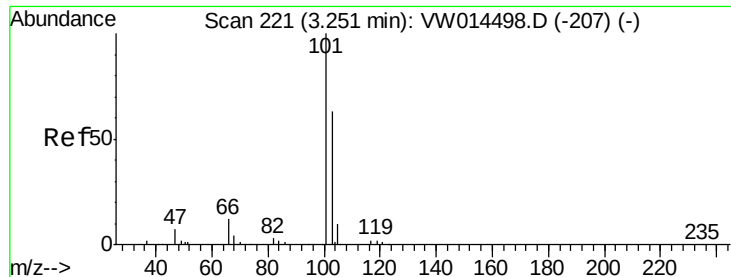
Tgt Ion: 64 Resp: 169054

Ion Ratio Lower Upper

64 100

66 30.9 25.7 38.5





#7

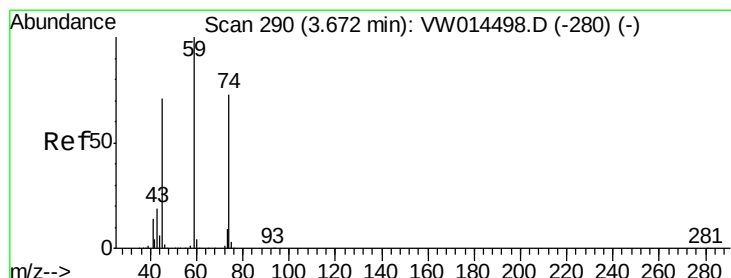
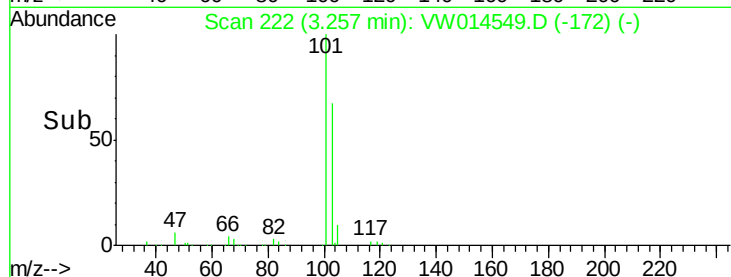
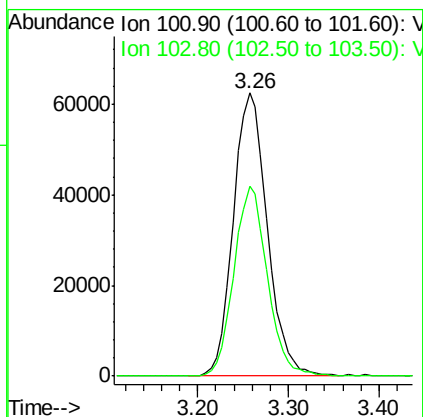
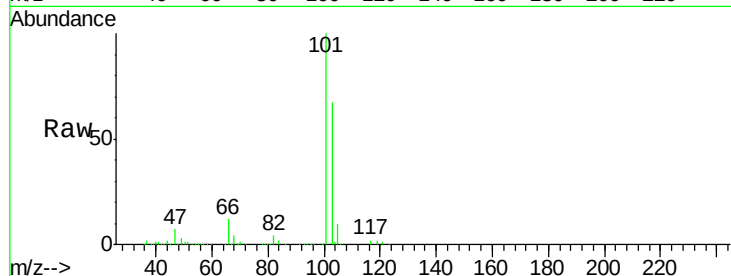
Trichlorofluoromethane
Concen: 54.261 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.01 min
Lab File: VW014549.D
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ClientSampled :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	67.0	50.1	75.1

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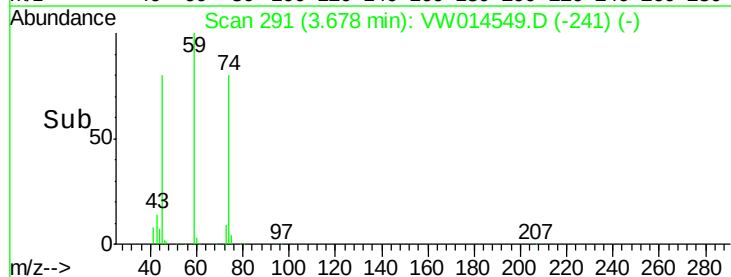
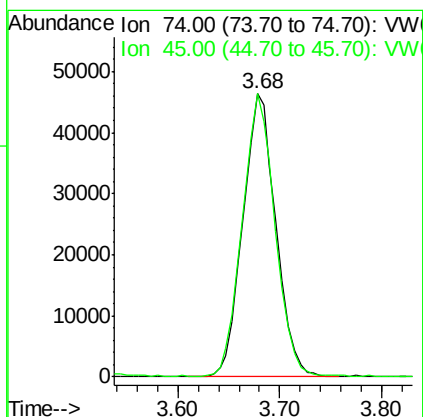
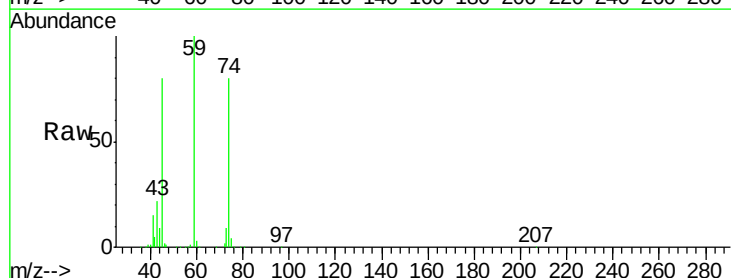
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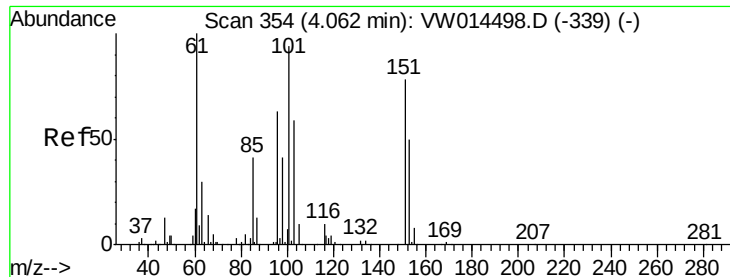


#8

Diethyl Ether
Concen: 35.043 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.01 min
Lab File: VW014549.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.1	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.394 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Instrument :

MSVOA_W

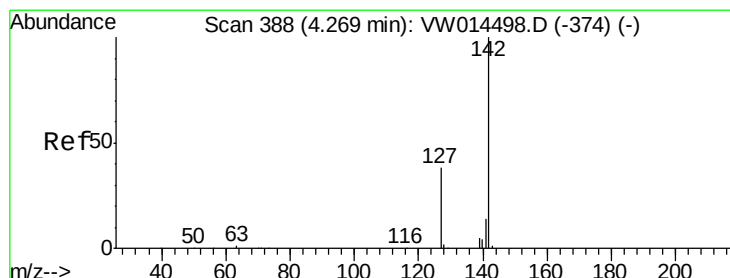
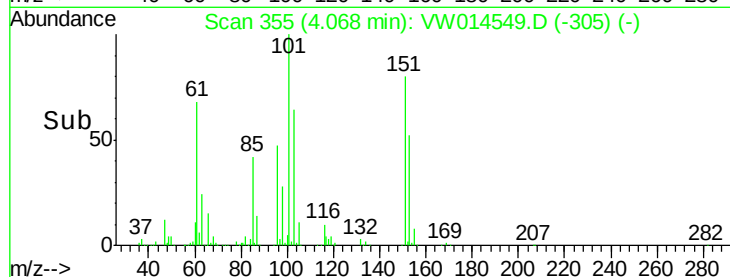
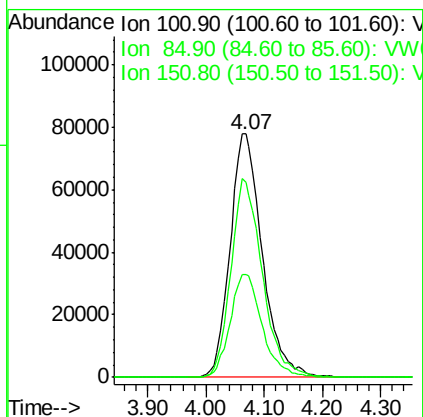
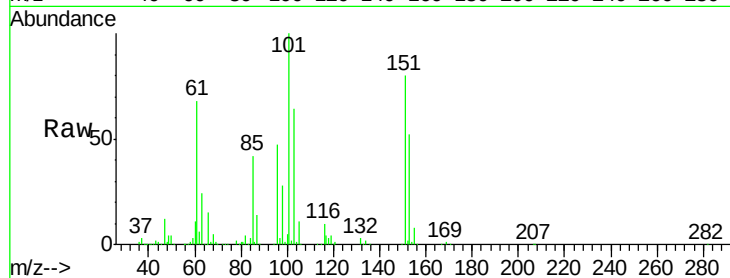
ClientSampled :

VSTDCCC050EC

Tgt Ion:	101	Resp:	298295
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.7	50.5
151	79.9	63.5	95.3

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#10

Methyl Iodide

Concen: 45.167 ug/l

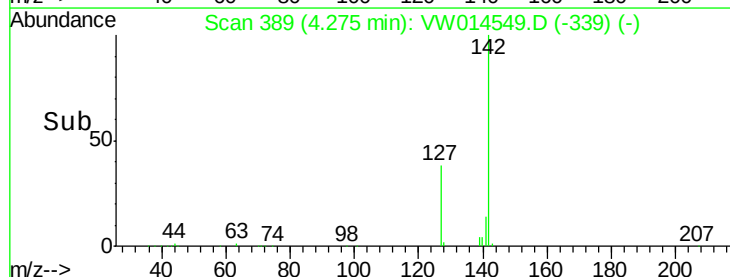
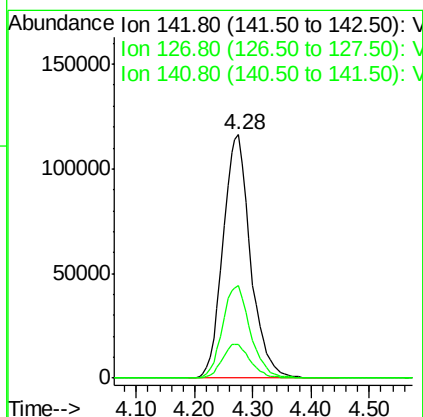
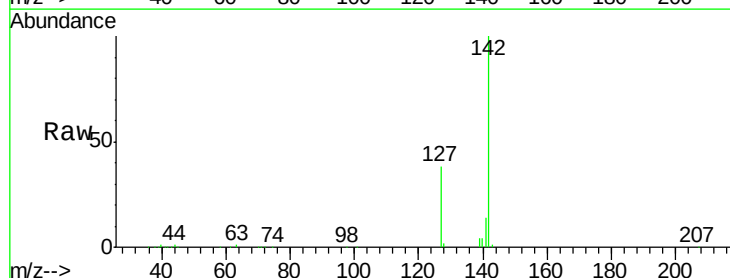
RT: 4.28 min Scan# 389

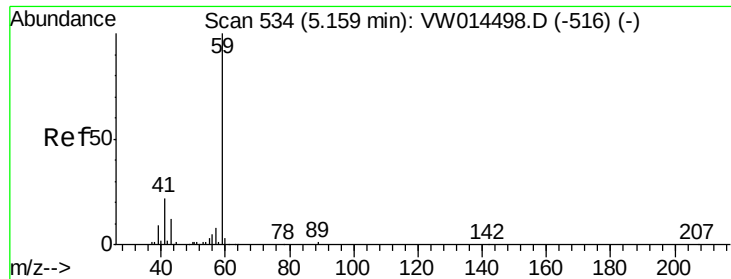
Delta R.T. 0.01 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Tgt Ion:	142	Resp:	380727
Ion Ratio	Lower	Upper	
142	100		
127	38.8	30.2	45.4
141	14.4	11.4	17.2





#11

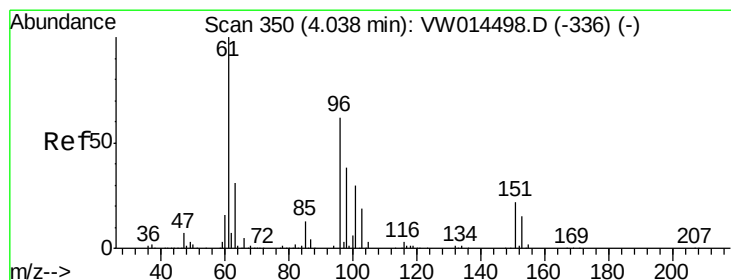
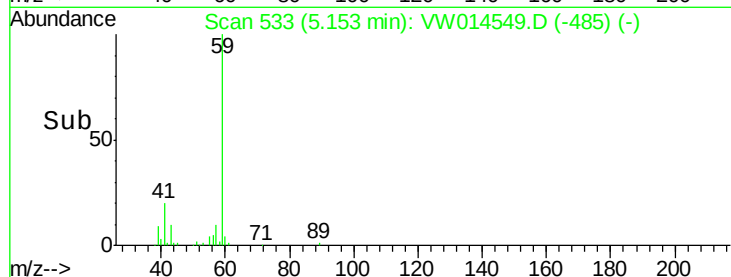
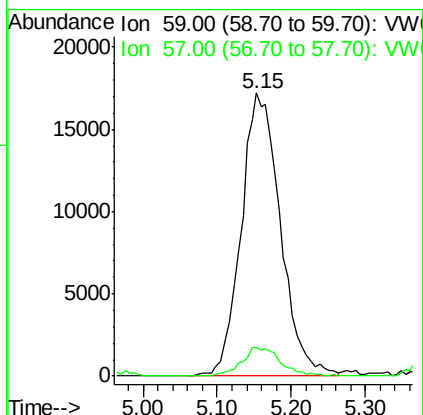
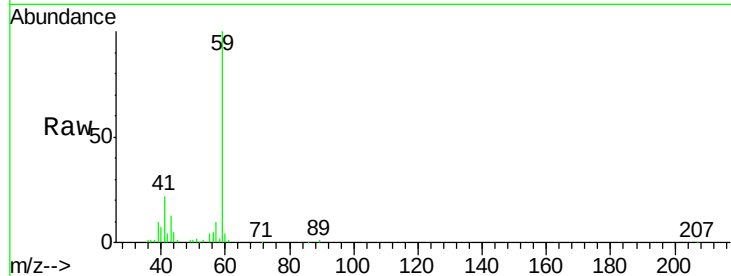
Tert butyl alcohol
Concen: 151.292 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.01 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.8	11.8

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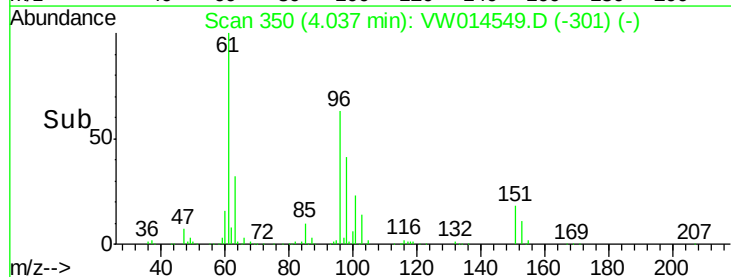
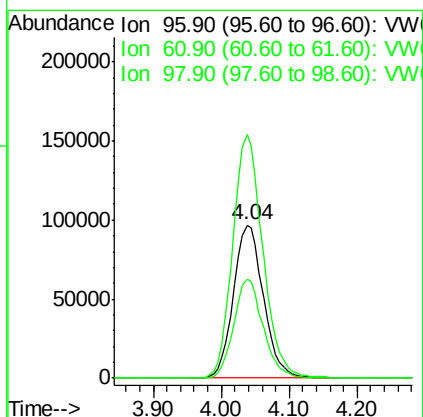
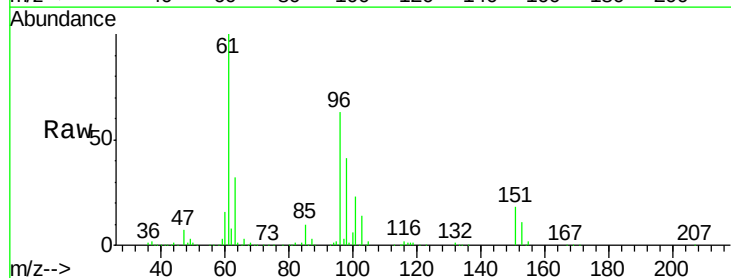
apatel
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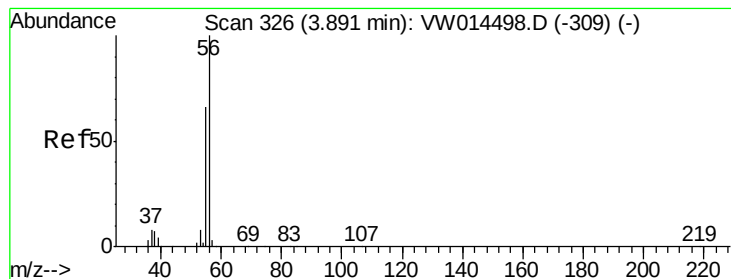


#12

1,1-Dichloroethene
Concen: 50.737 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.2	128.4	192.6
98	64.6	49.1	73.7





#13

Acrolein

Concen: 163.775 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 73474

Ion Ratio Lower Upper

56 100

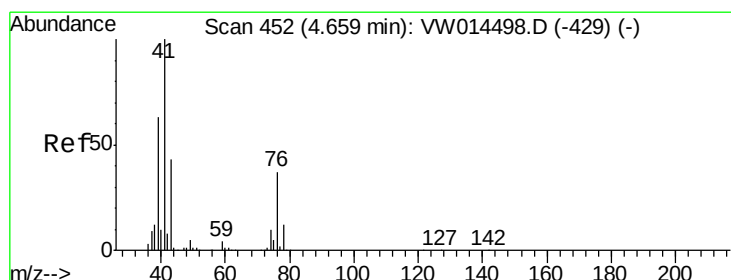
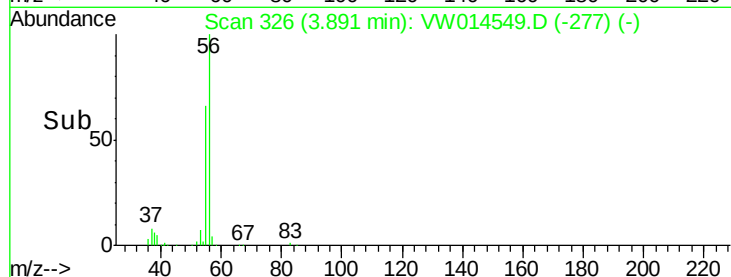
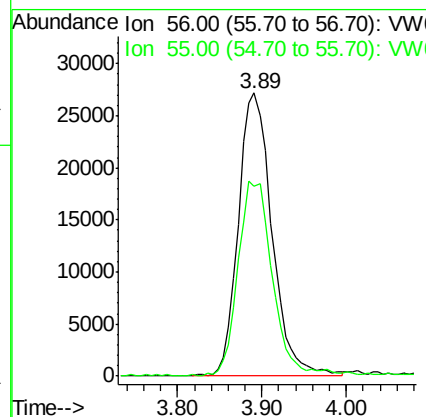
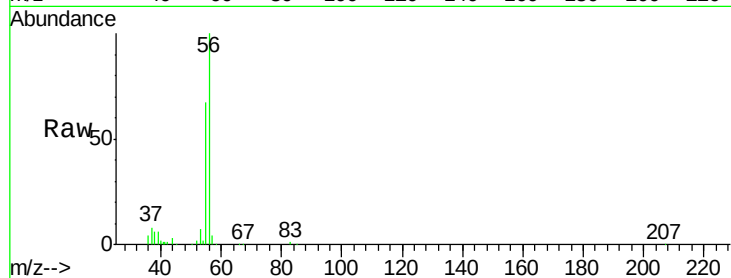
55 69.8 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 46.113 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

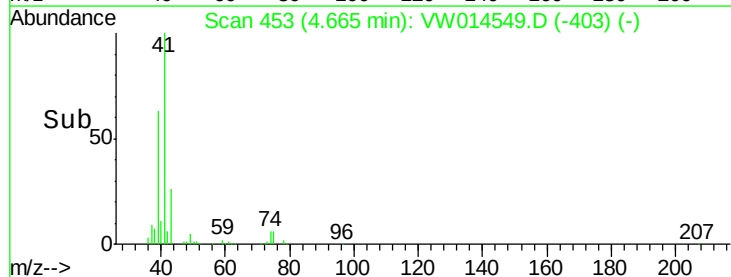
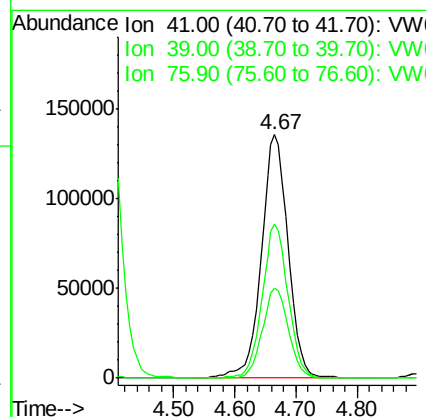
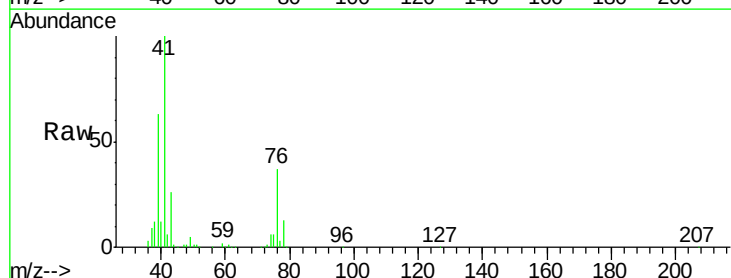
Tgt Ion: 41 Resp: 412271

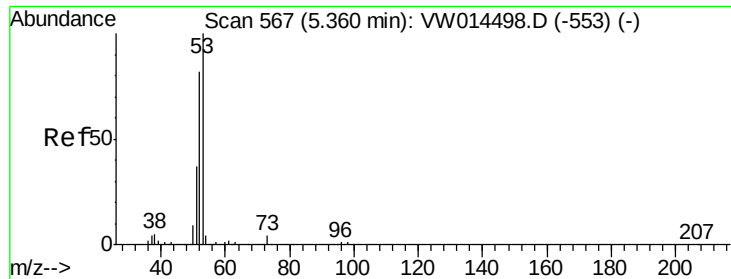
Ion Ratio Lower Upper

41 100

39 61.5 48.5 72.7

76 36.2 28.1 42.1





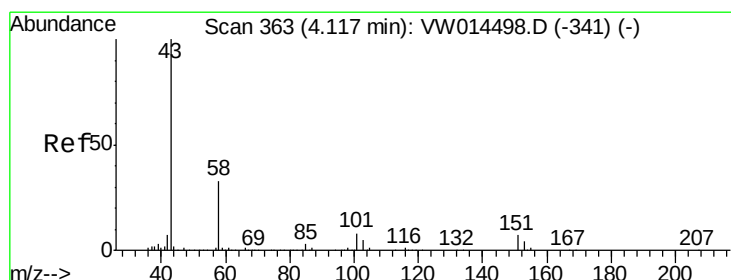
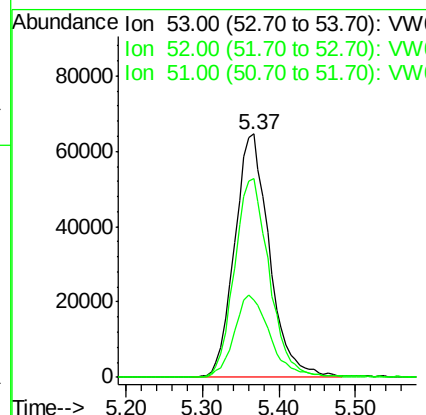
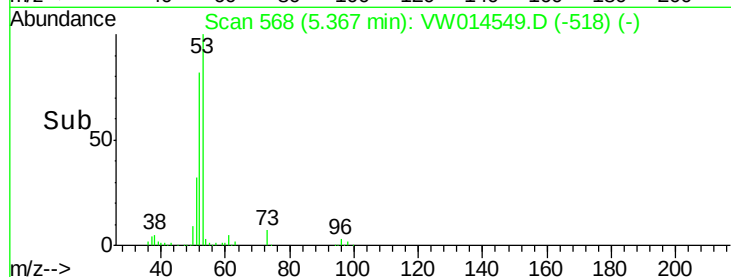
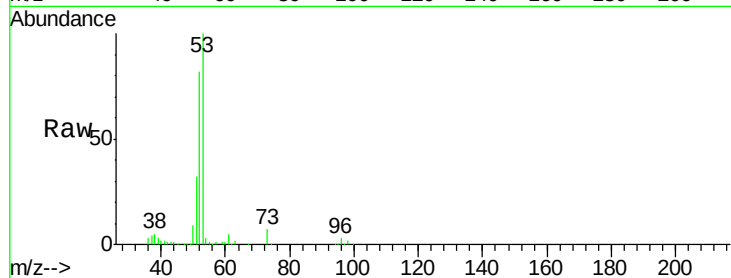
#15
 Acrylonitrile
 Concen: 150.175 ug/l
 RT: 5.37 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: VW014549.D
 Acq: 07 Jan 2020 16:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	53	Resp:	204213
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.5	99.7
51	35.0	28.4	42.6

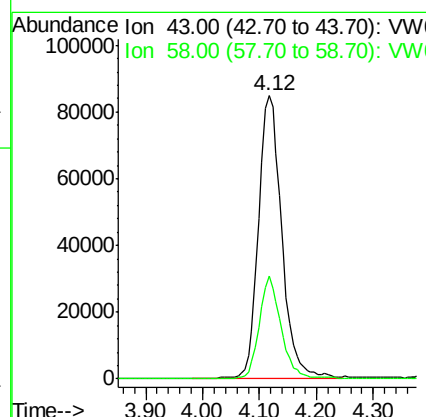
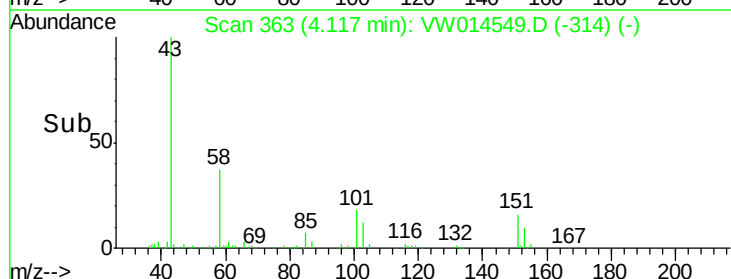
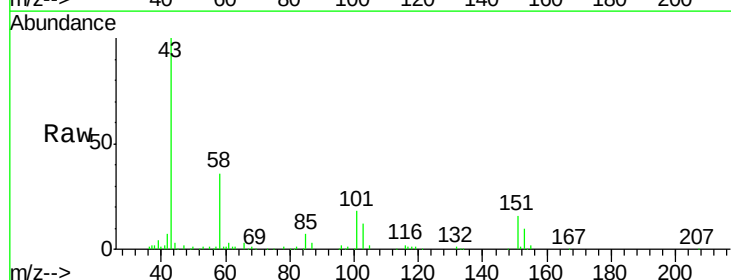
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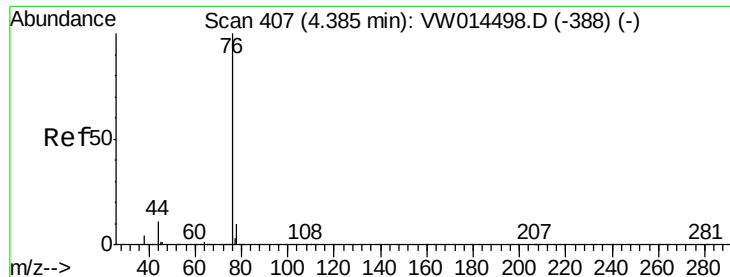
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#16
 Acetone
 Concen: 167.253 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. -0.00 min
 Lab File: VW014549.D
 Acq: 07 Jan 2020 16:55

Tgt Ion:	43	Resp:	242748
Ion	Ratio	Lower	Upper
43	100		
58	36.3	26.6	39.8





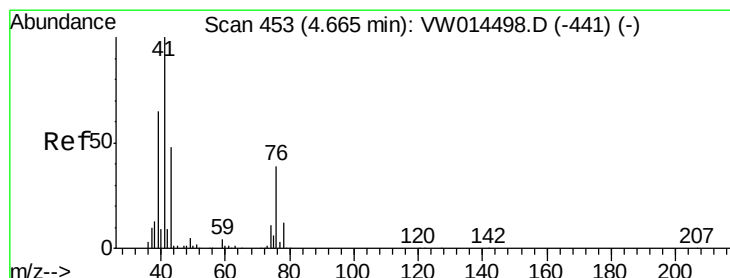
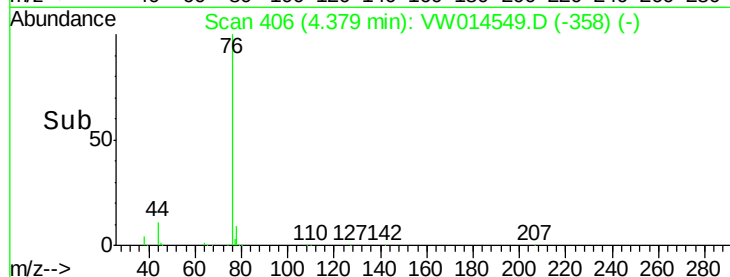
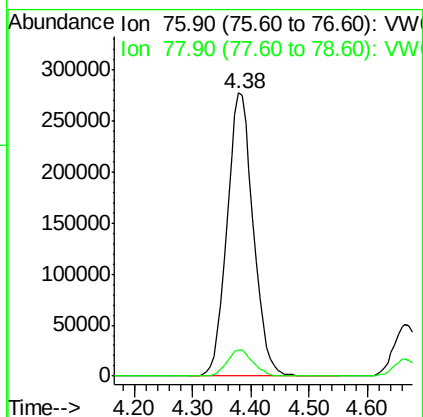
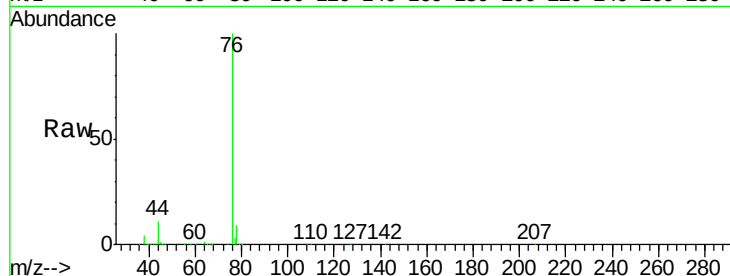
#17
Carbon Disulfide
Concen: 48.937 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 862923
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.6

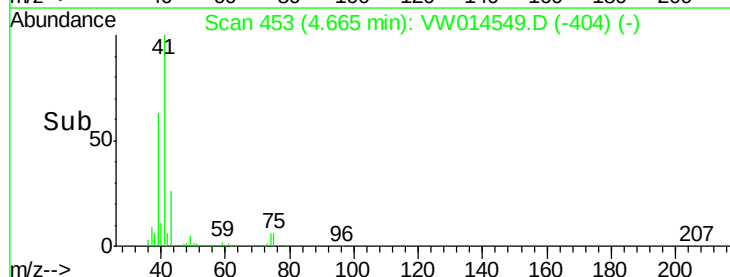
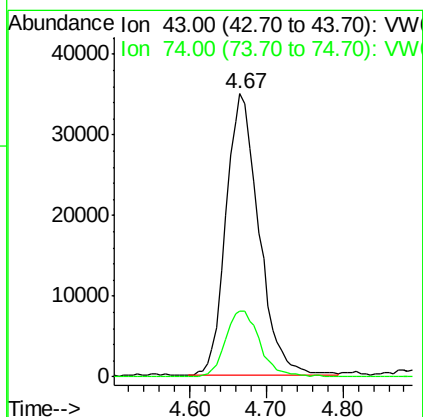
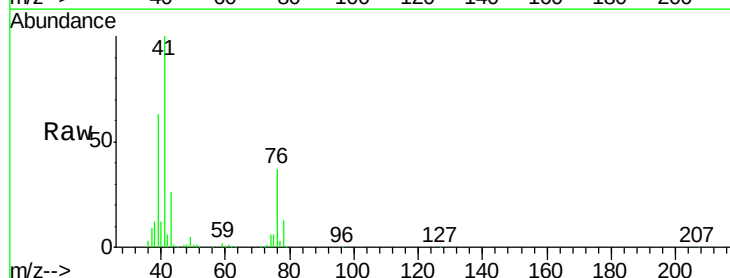
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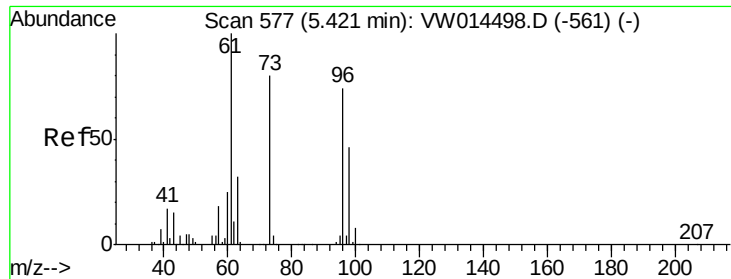
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#18
Methyl Acetate
Concen: 29.919 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Tgt Ion: 43 Resp: 104874
Ion Ratio Lower Upper
43 100
74 24.2 19.3 28.9





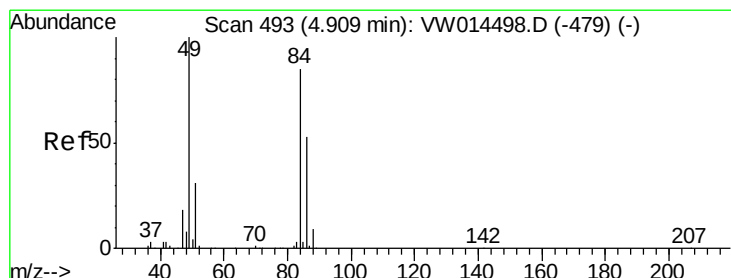
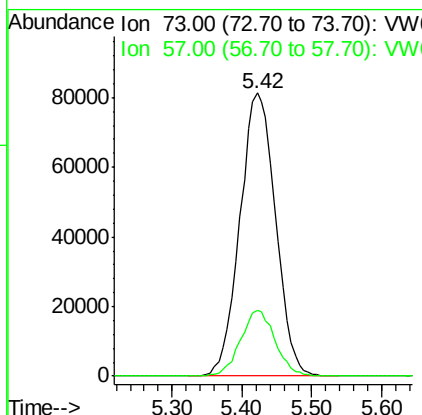
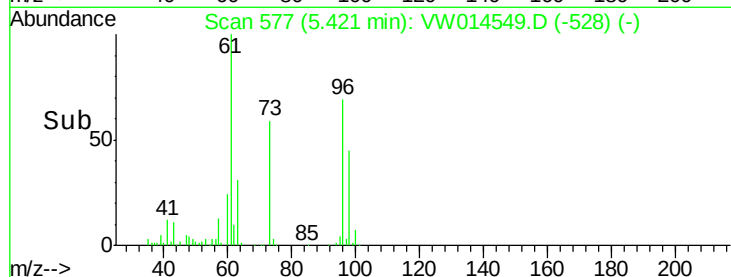
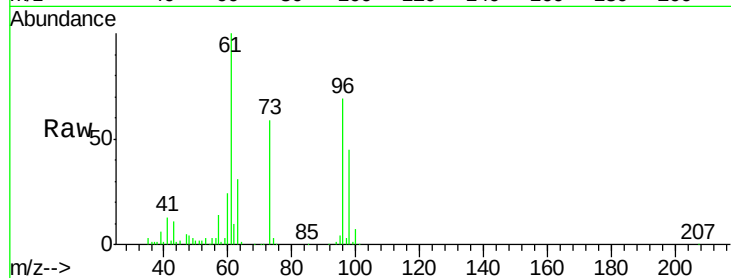
#19
Methyl tert-butyl Ether
Concen: 39.647 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 287930
Ion Ratio Lower Upper
73 100
57 23.1 18.1 27.1

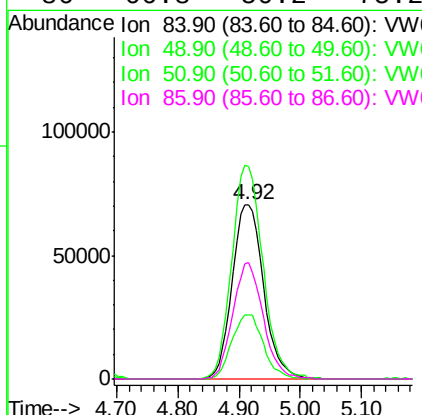
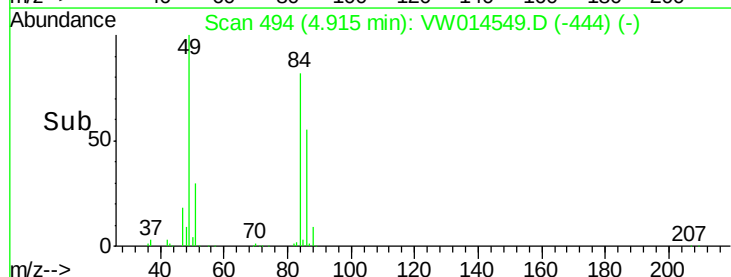
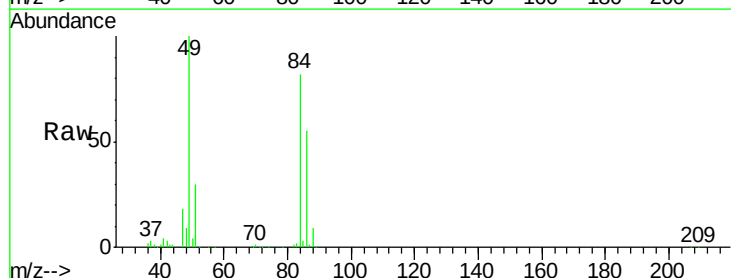
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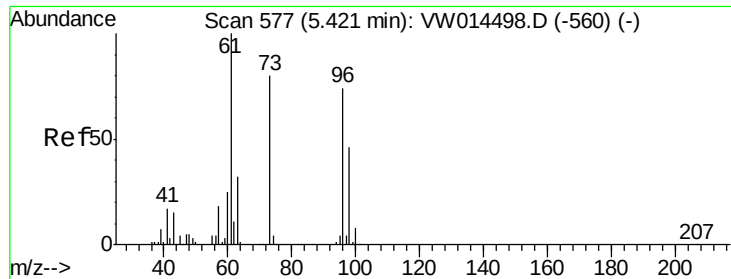
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#20
Methylene Chloride
Concen: 41.780 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Tgt Ion: 84 Resp: 249628
Ion Ratio Lower Upper
84 100
49 122.0 94.4 141.6
51 36.8 29.5 44.3
86 66.8 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 46.702 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Instrument :

MSVOA_W

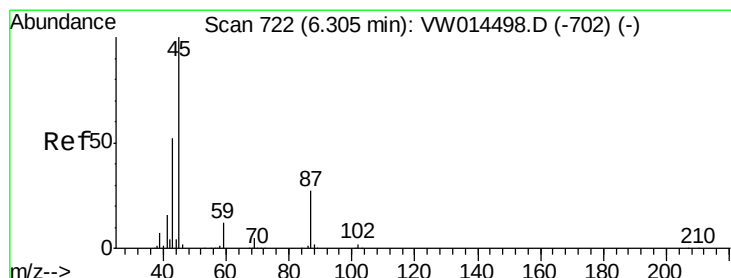
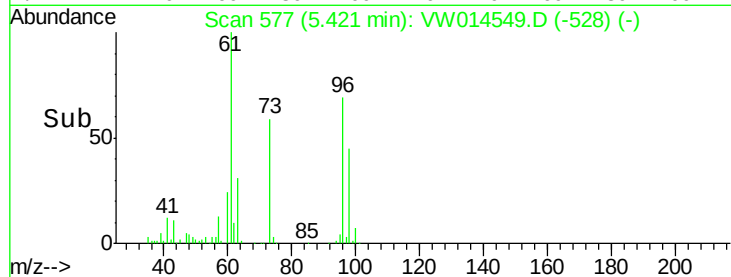
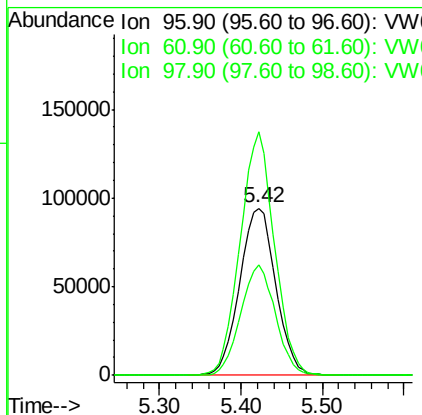
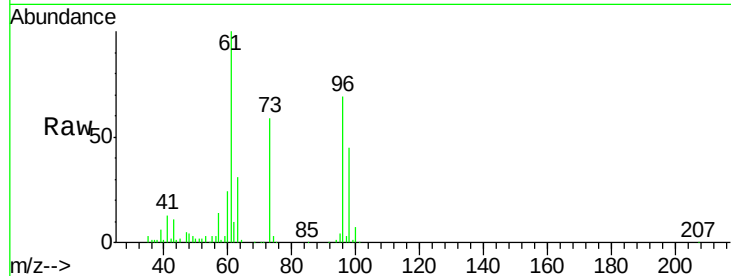
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	290117
Ion	Ratio	Lower	Upper
96	100		
61	145.8	107.8	161.6
98	66.3	49.4	74.0

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#22

Diisopropyl ether

Concen: 41.635 ug/l

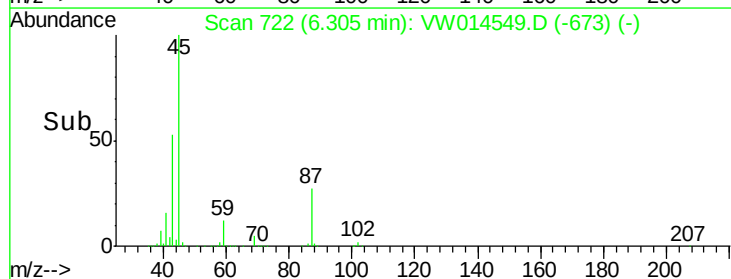
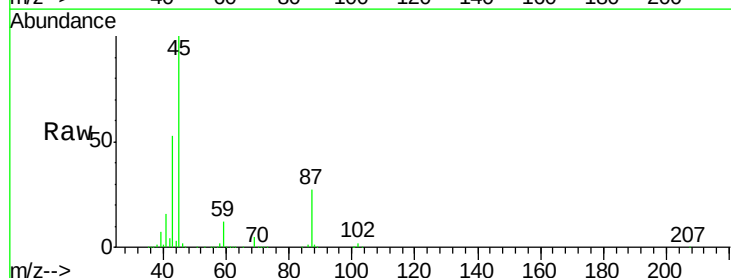
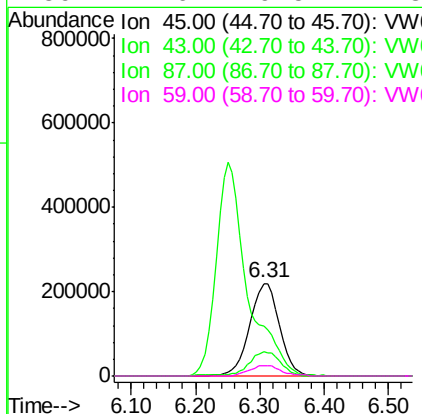
RT: 6.31 min Scan# 722

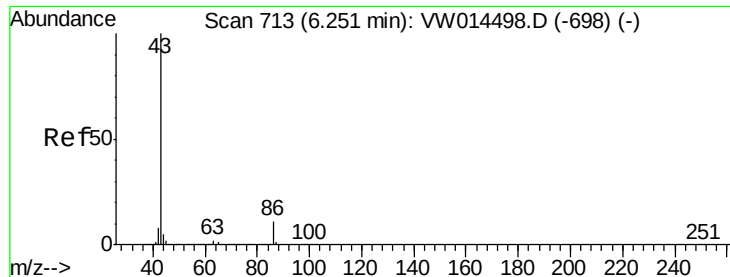
Delta R.T. -0.00 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Tgt Ion:	45	Resp:	696727
Ion	Ratio	Lower	Upper
45	100		
43	53.1	41.4	62.0
87	26.7	22.2	33.2
59	11.6	9.5	14.3





#23

Vinyl Acetate

Concen: 169.961 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1717459

Ion Ratio Lower Upper

43 100

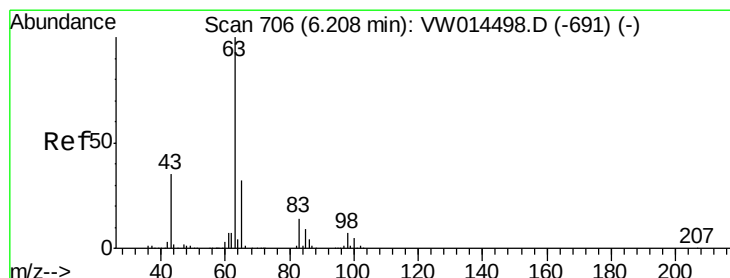
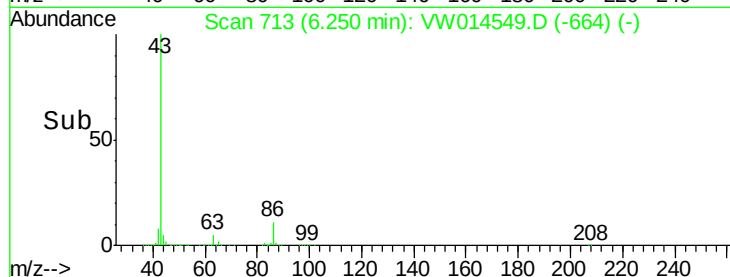
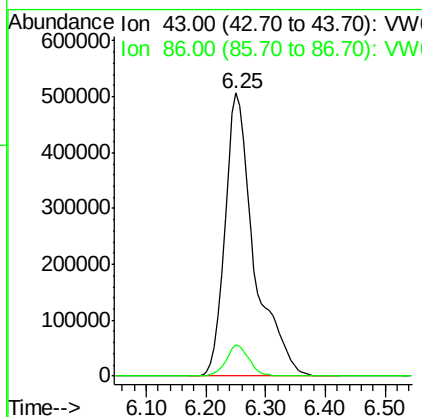
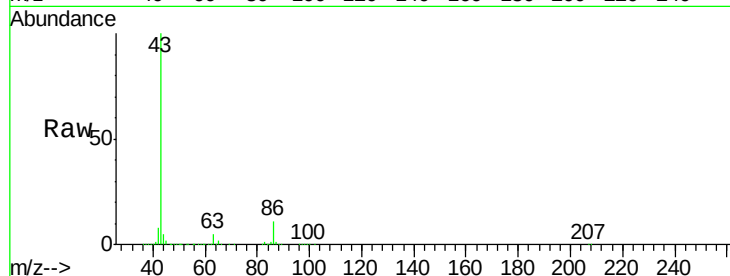
86 10.8 8.8 13.2

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#24

1,1-Dichloroethane

Concen: 44.460 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.01 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

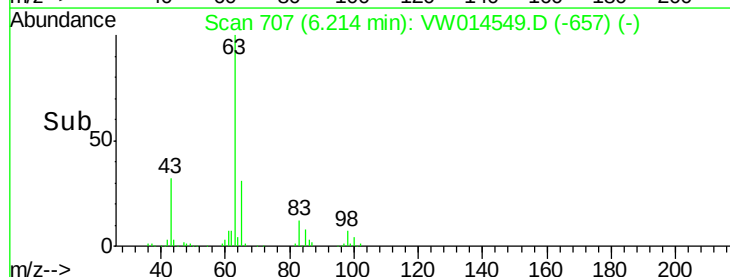
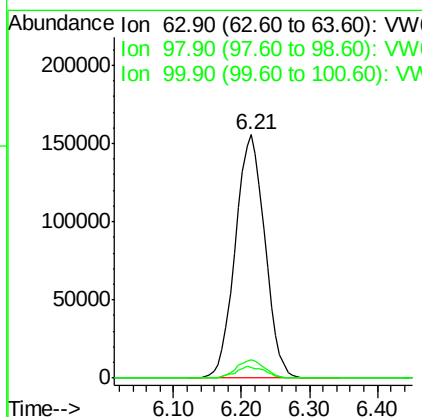
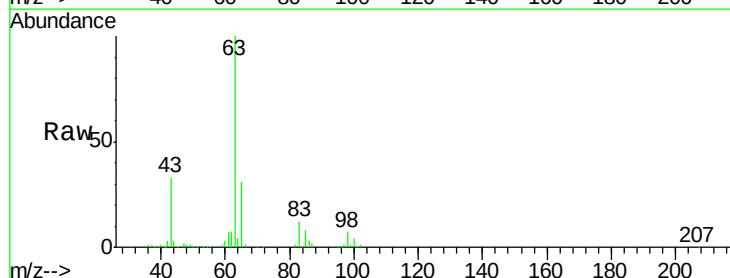
Tgt Ion: 63 Resp: 469304

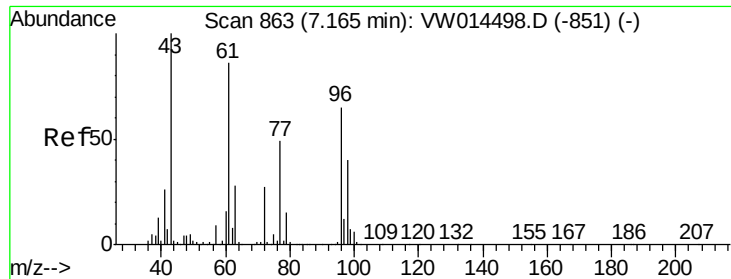
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 154.268 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 287339

Ion Ratio Lower Upper

43 100

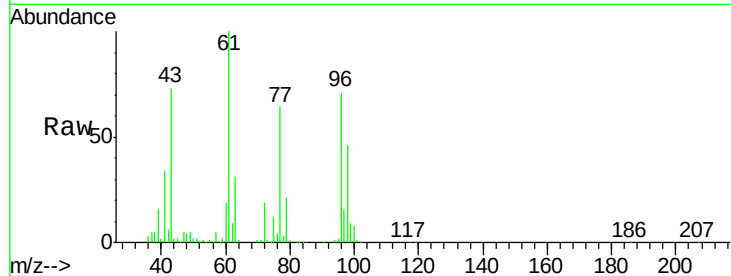
72 26.4 21.9 32.9

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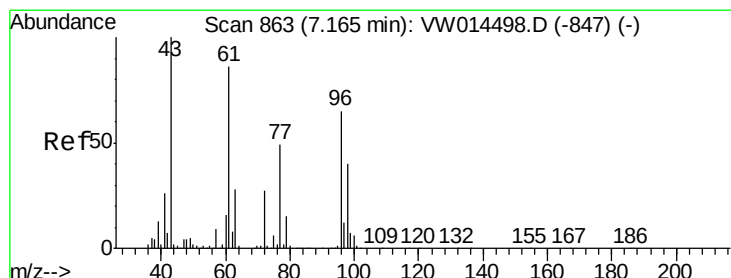
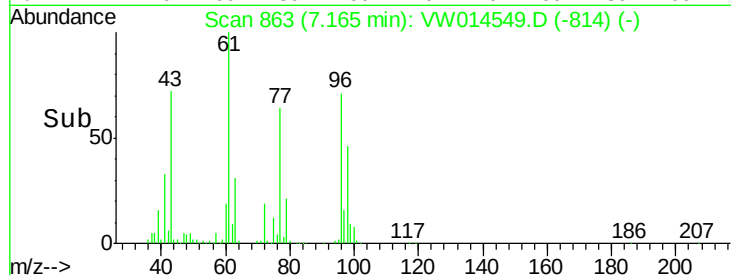
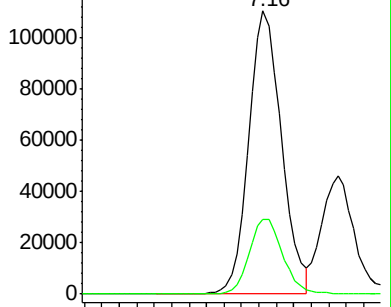
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 48.963 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014549.D

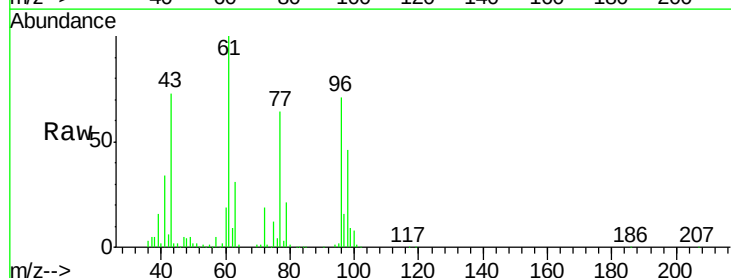
Acq: 07 Jan 2020 16:55

Tgt Ion: 77 Resp: 286144

Ion Ratio Lower Upper

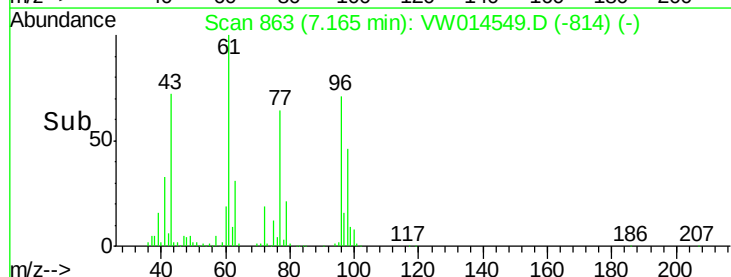
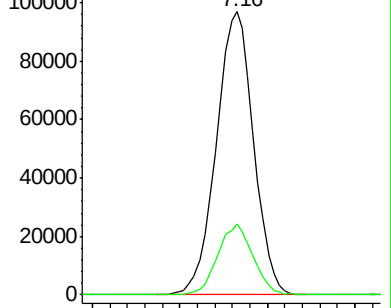
77 100

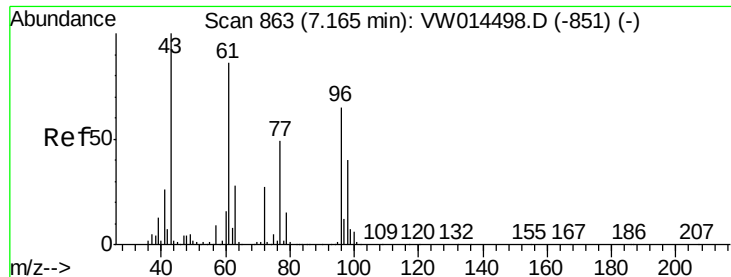
97 23.7 12.5 37.5



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

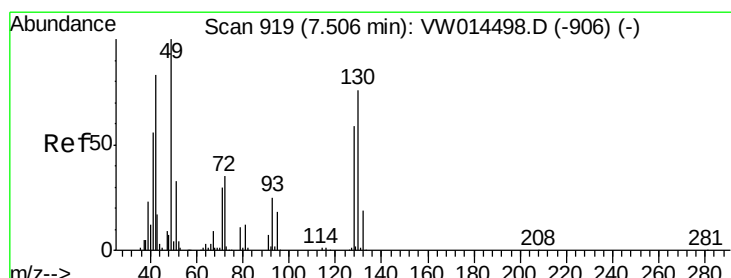
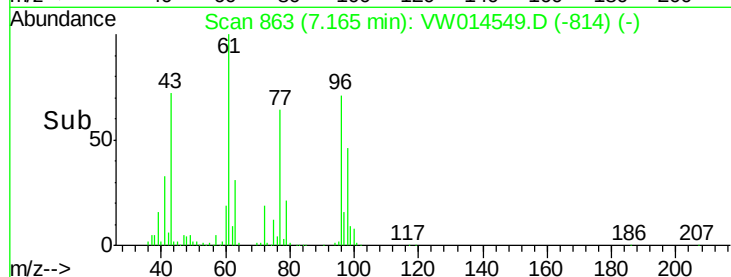
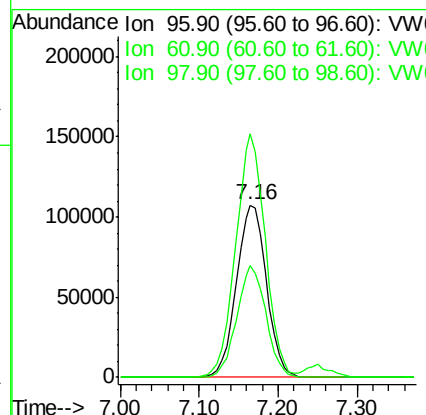
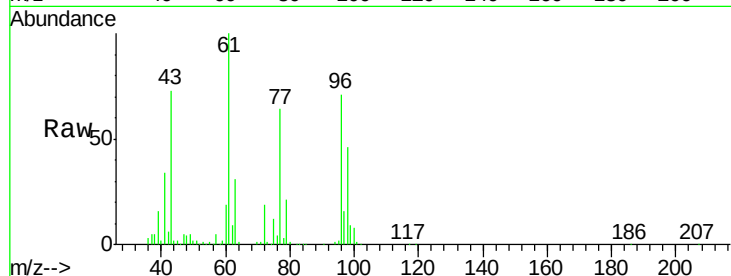
cis-1,2-Dichloroethene
Concen: 43.442 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	283563		
61	139.5	0.0	274.8	
98	63.4	0.0	128.6	

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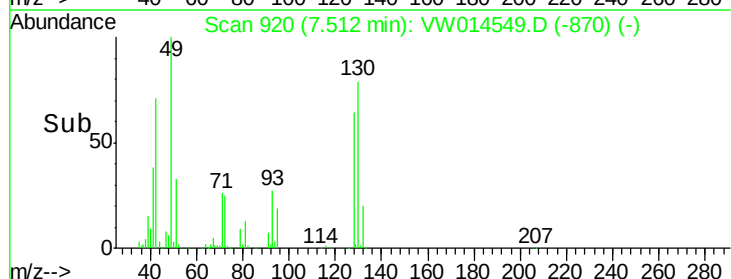
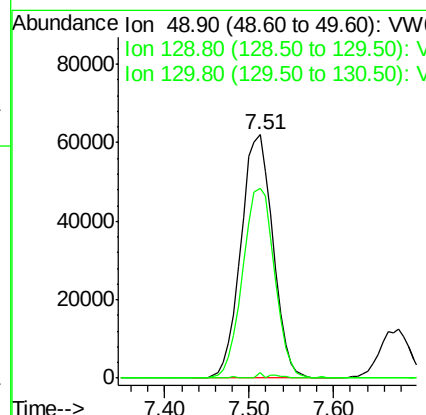
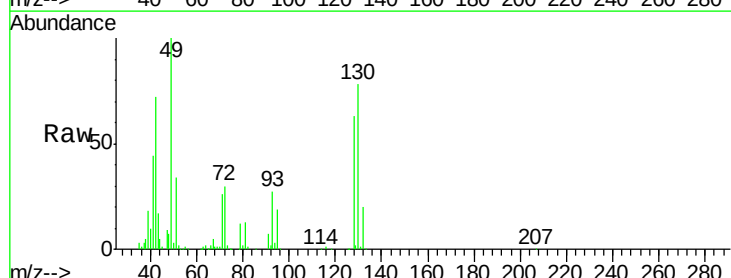
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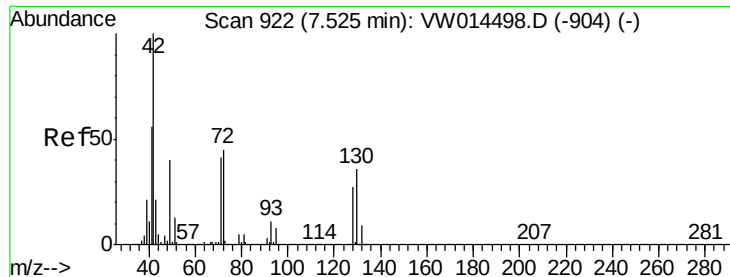


#28

Bromochloromethane
Concen: 38.359 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	158745		
129	0.3	0.0	2.0	
130	78.3	62.5	93.7	





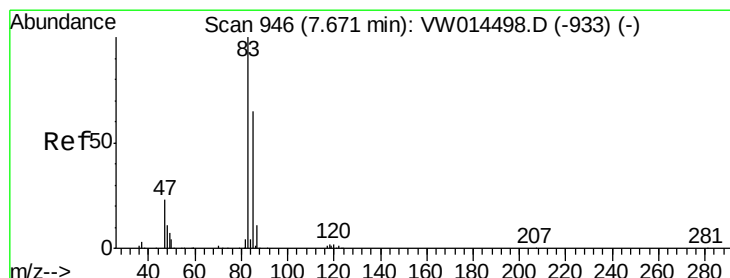
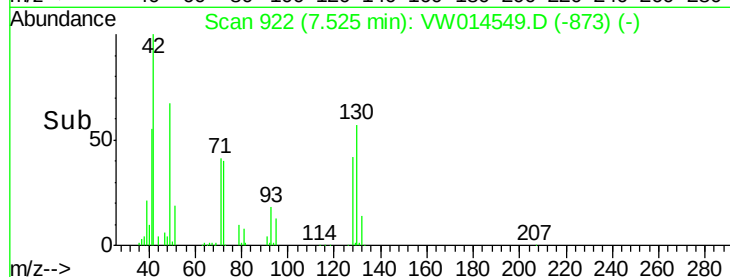
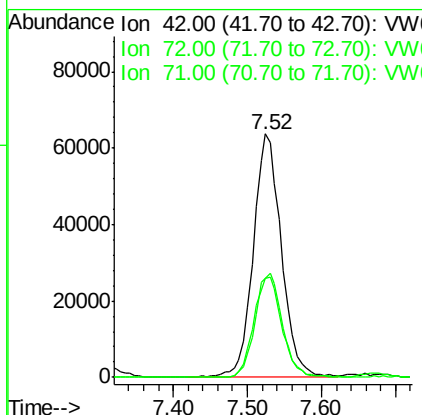
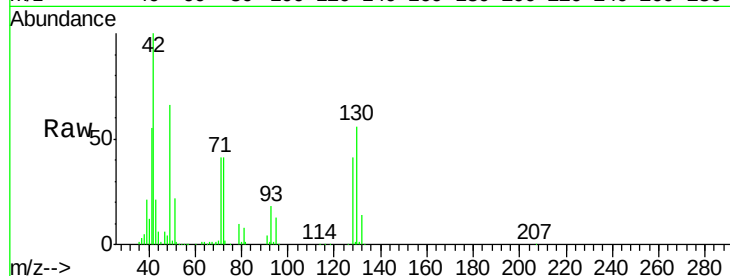
#29
Tetrahydrofuran
Concen: 145.482 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.4	34.5	51.7
71	40.5	32.0	48.0

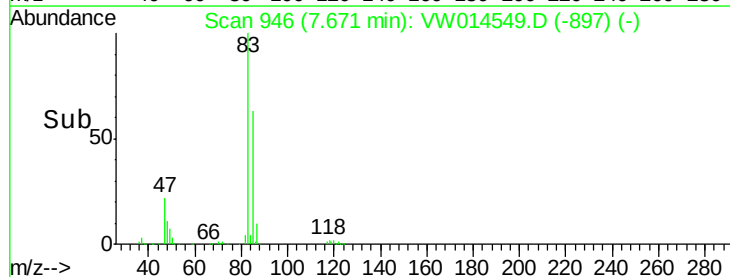
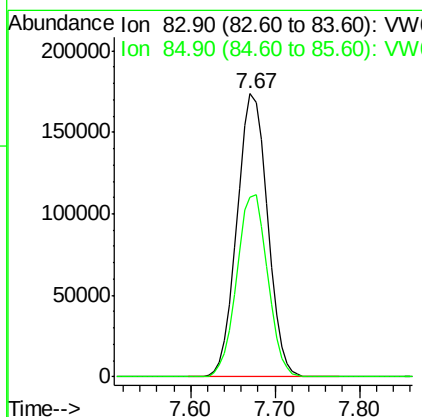
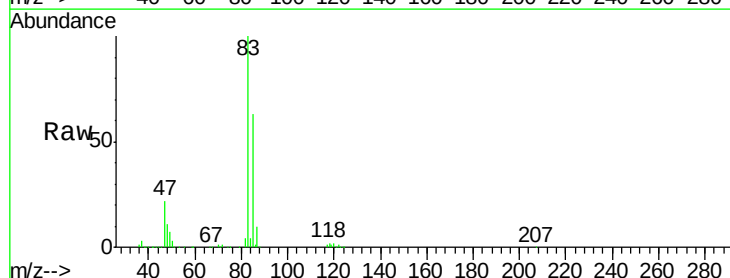
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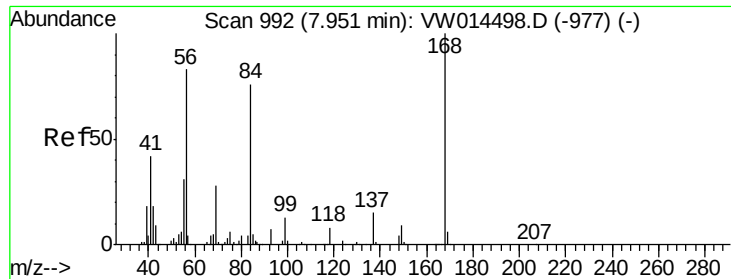
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#30
Chloroform
Concen: 43.085 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.2	78.2





#31

Cyclohexane

Concen: 50.359 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Instrument :

MSVOA_W

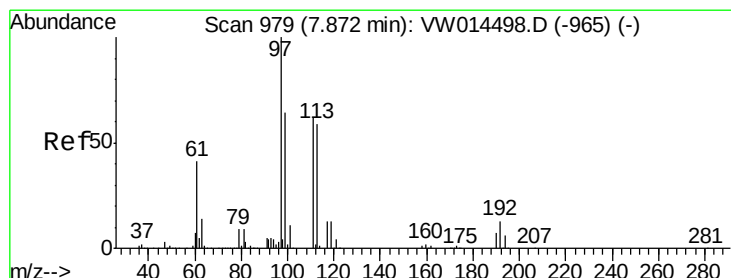
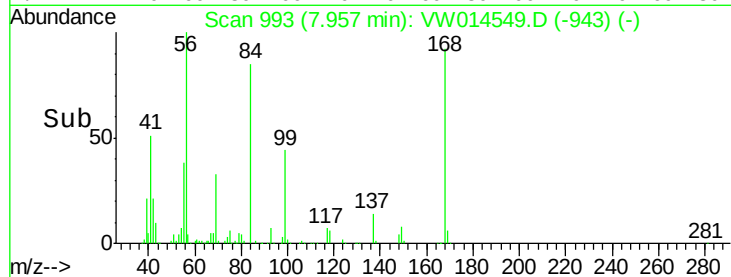
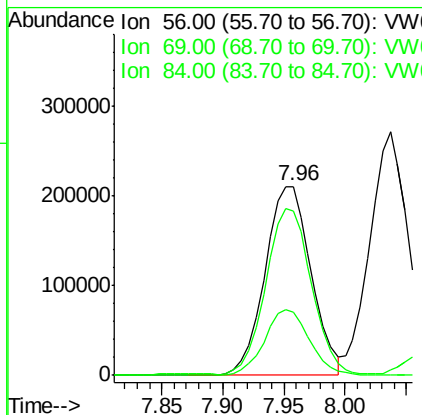
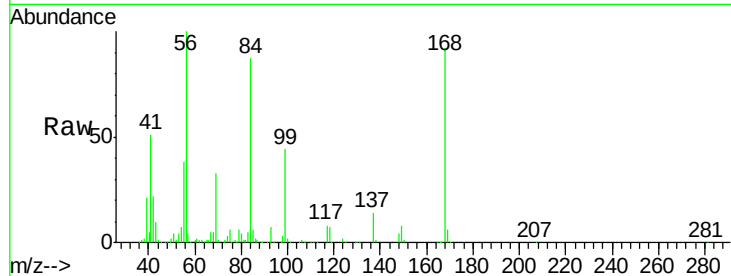
ClientSampled :

VSTDCCC050EC

Tgt Ion:	56	Resp:	552434
Ion Ratio	Lower	Upper	
56	100		
69	33.2	26.8	40.2
84	85.9	71.8	107.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.543 ug/l

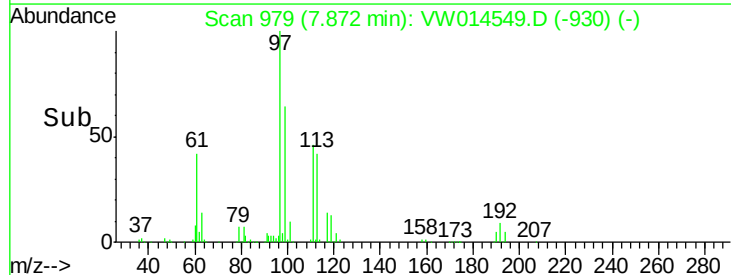
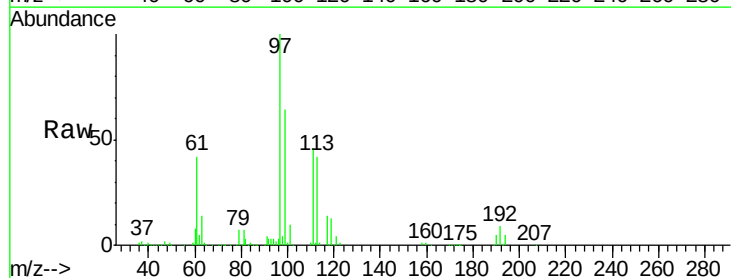
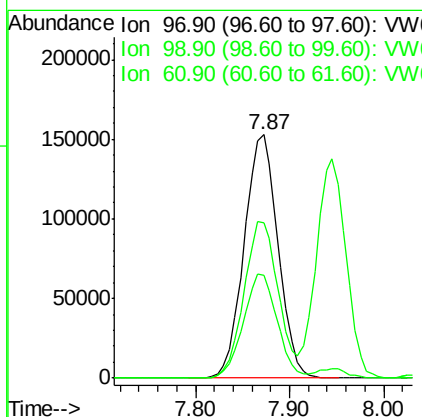
RT: 7.87 min Scan# 979

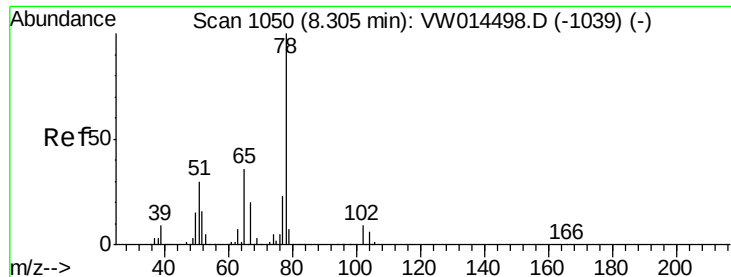
Delta R.T. -0.00 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Tgt Ion:	97	Resp:	385378
Ion Ratio	Lower	Upper	
97	100		
99	65.3	51.8	77.6
61	42.7	33.8	50.8





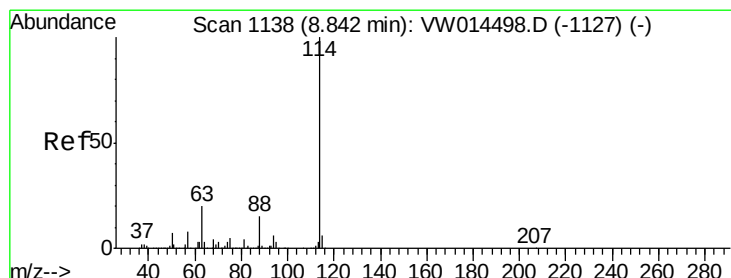
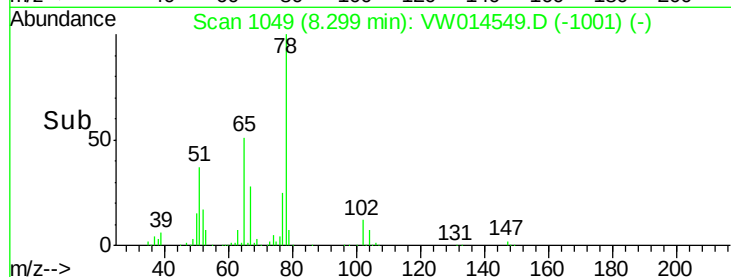
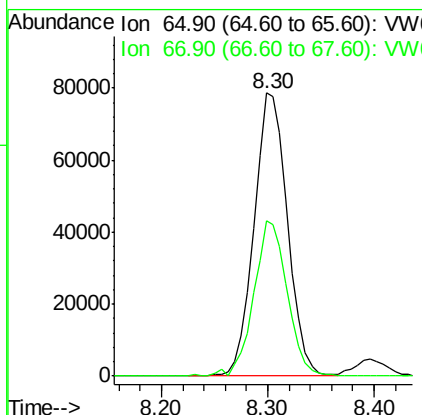
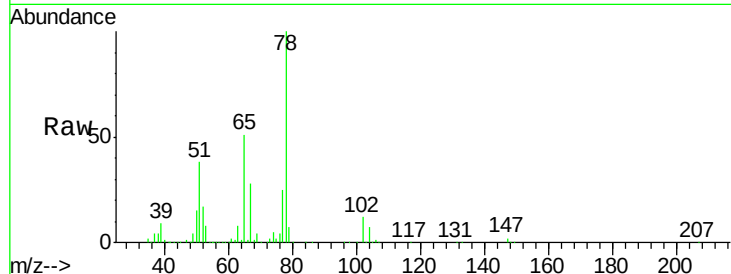
#33
 1,2-Dichloroethane-d4
 Concen: 33.659 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014549.D
 Acq: 07 Jan 2020 16:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 173007
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 108.4

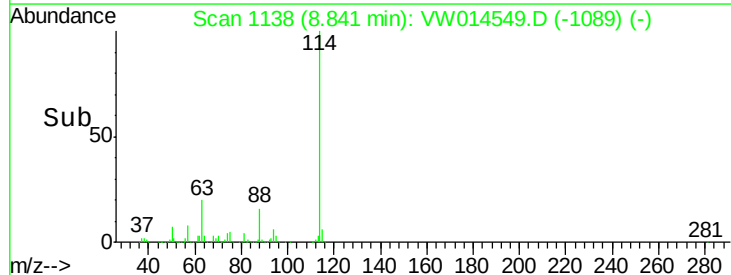
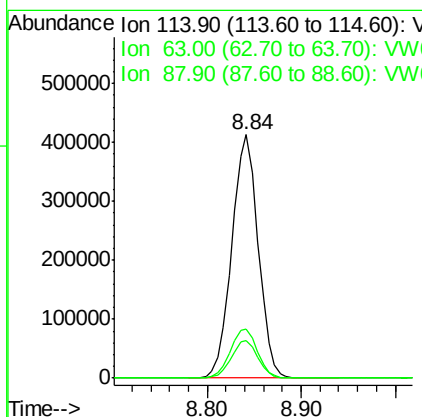
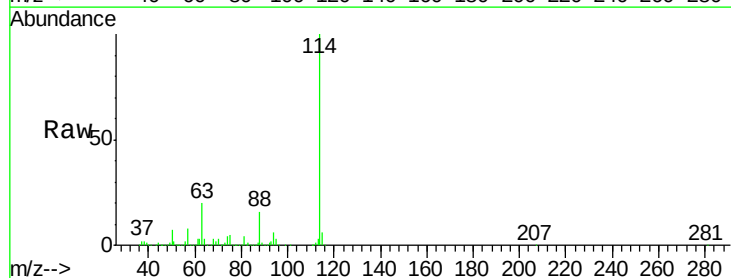
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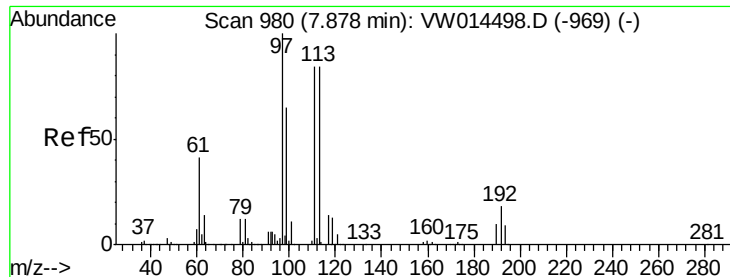
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014549.D
 Acq: 07 Jan 2020 16:55

Tgt Ion: 114 Resp: 802032
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.4
 88 15.6 0.0 30.6





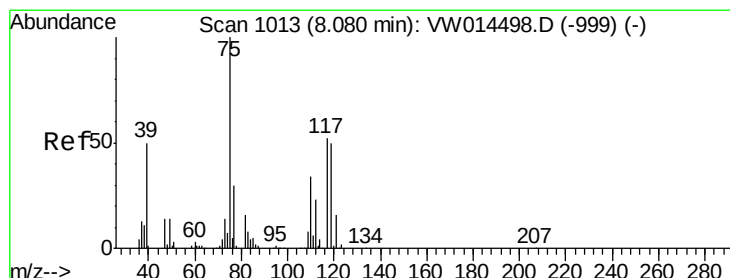
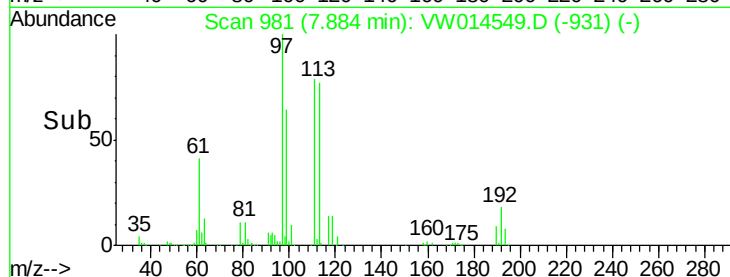
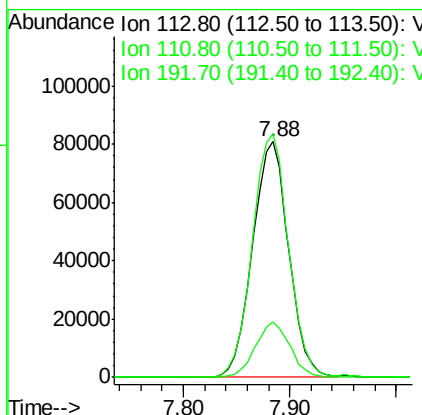
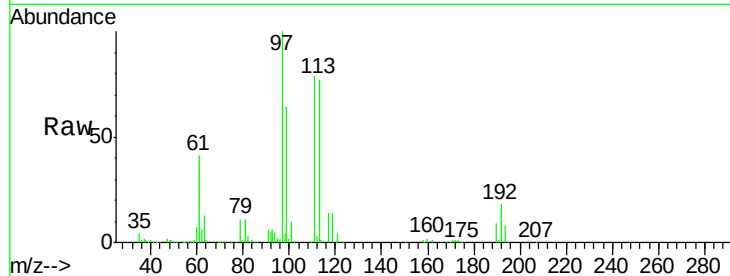
#35
 Dibromofluoromethane
 Concen: 41.995 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW014549.D
 Acq: 07 Jan 2020 16:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.4	122.2
192	22.5	17.8	26.8

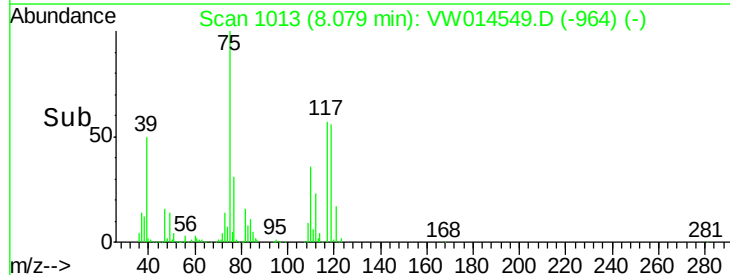
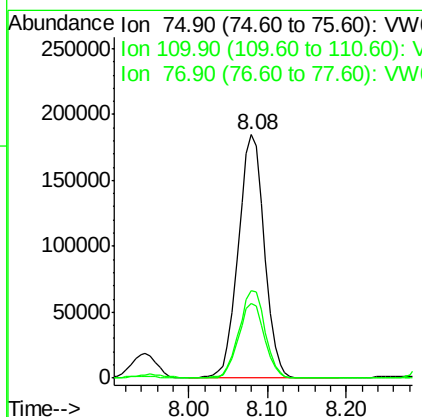
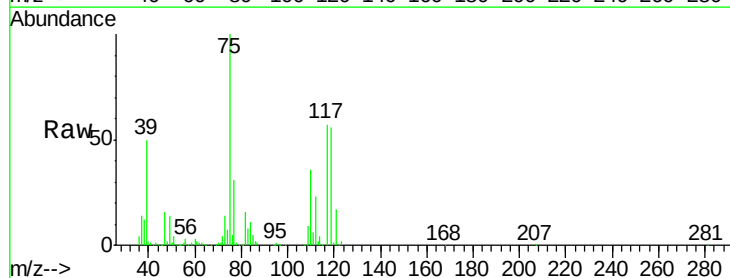
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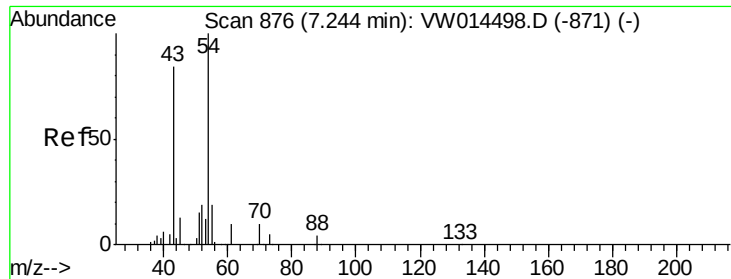
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#36
 1,1-Dichloropropene
 Concen: 54.802 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW014549.D
 Acq: 07 Jan 2020 16:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.8	53.5
77	31.1	24.7	37.1





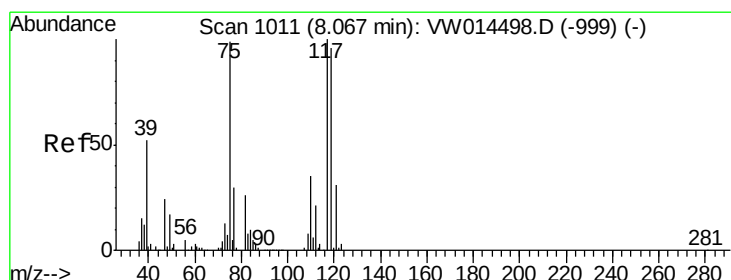
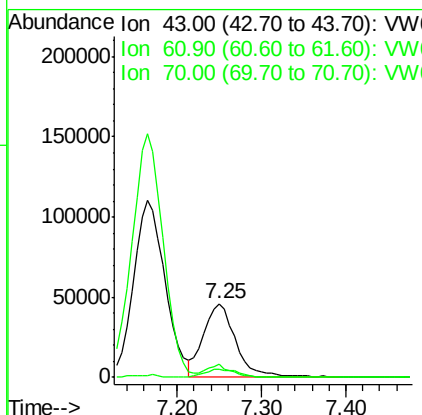
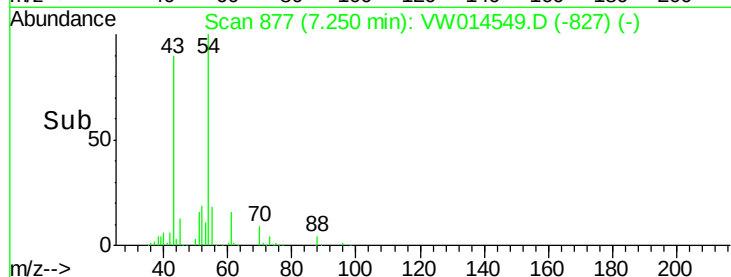
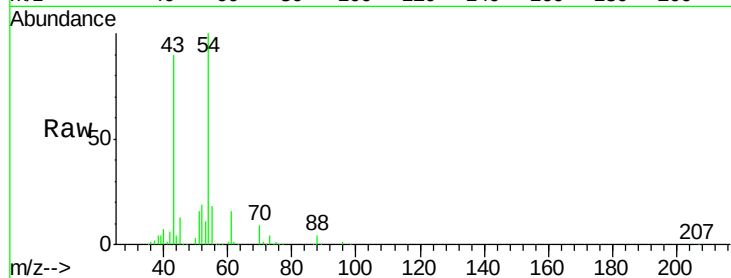
#37
Ethyl Acetate
Concen: 34.253 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.7	17.5
70	10.8	9.0	13.6

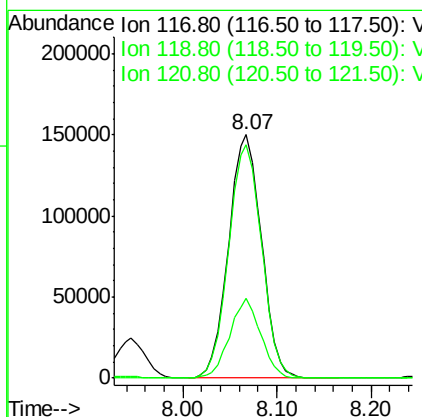
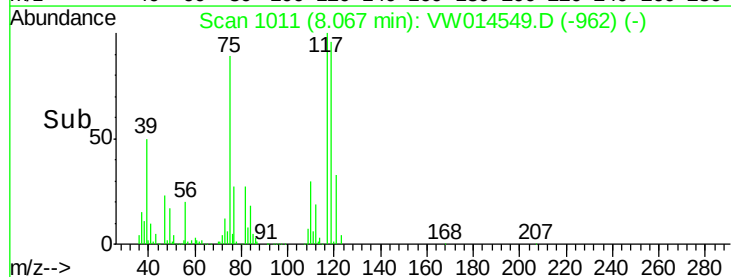
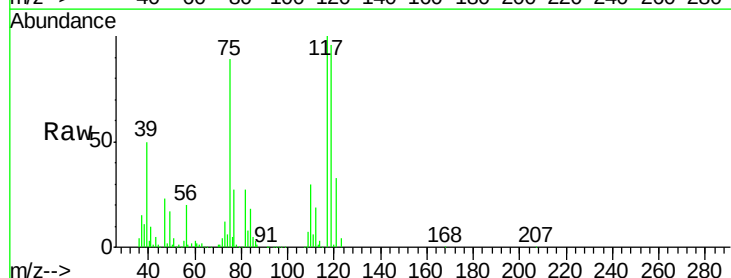
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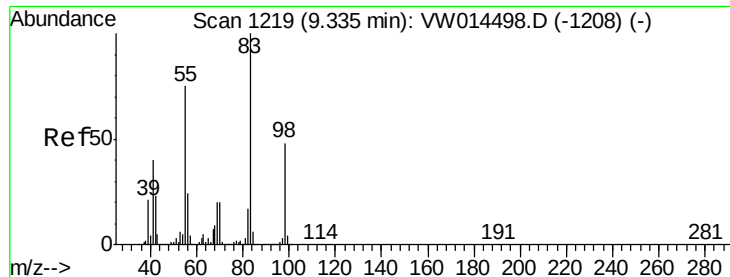
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#38
Carbon Tetrachloride
Concen: 54.244 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.0	115.6
121	32.5	24.6	36.8





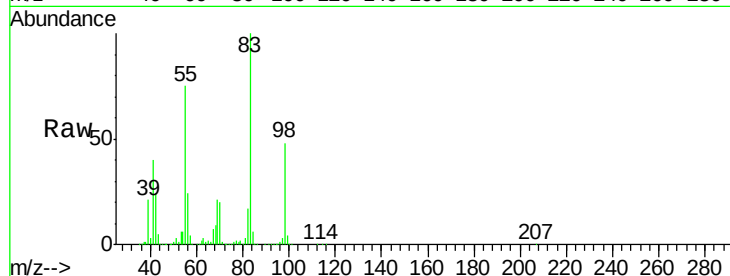
#39
Methylcyclohexane
Concen: 57.996 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

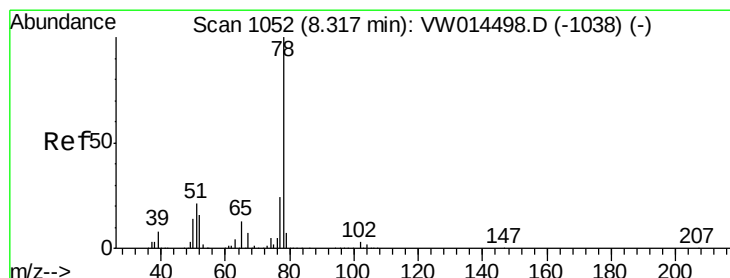
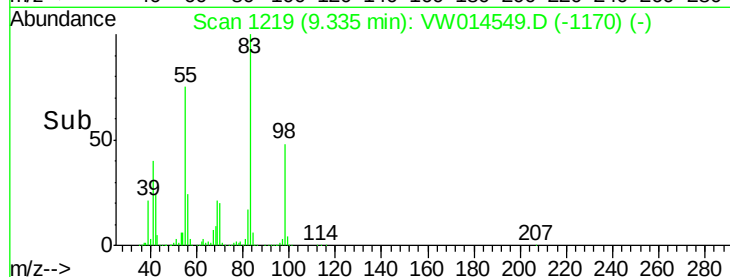
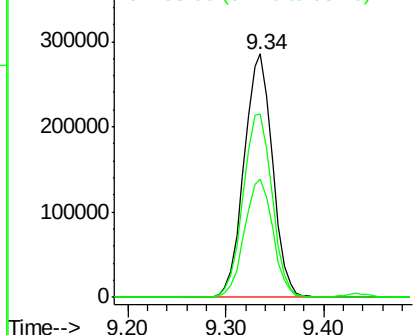
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.1	60.1	90.1
98	48.4	38.8	58.2

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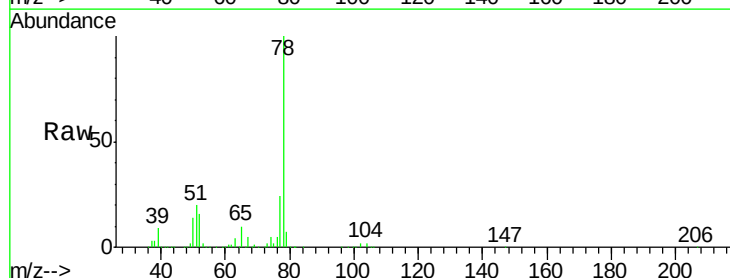


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

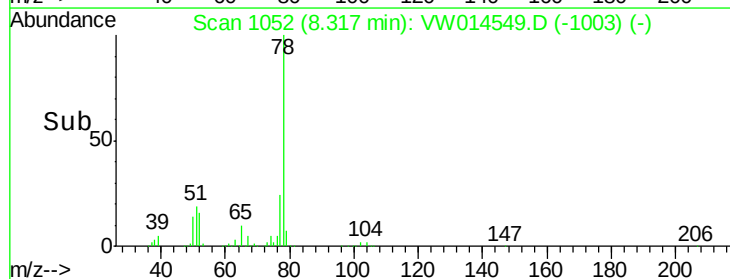
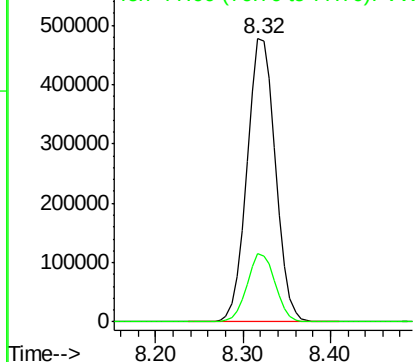


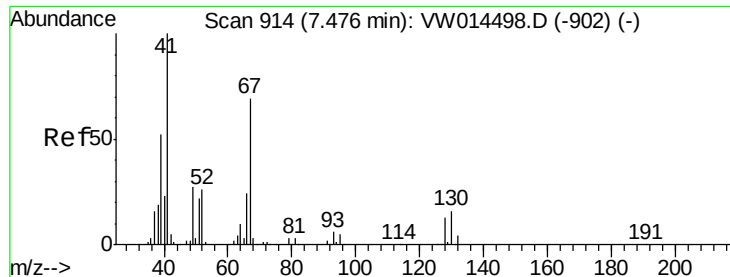
#40
Benzene
Concen: 49.101 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 30.814 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.00 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Instrument :

MSVOA_W

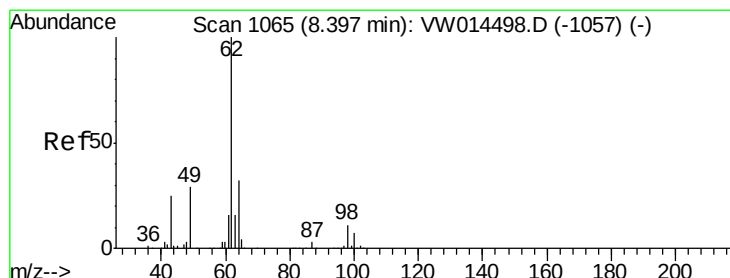
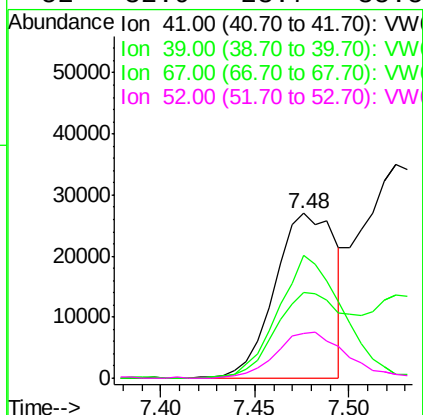
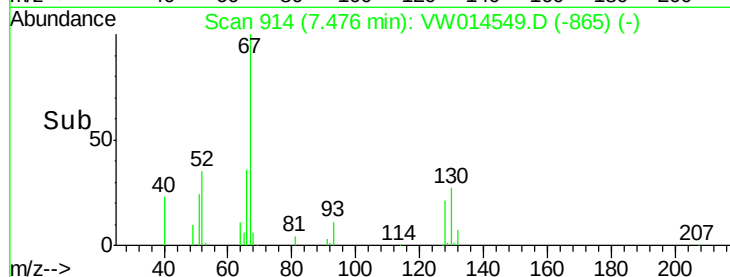
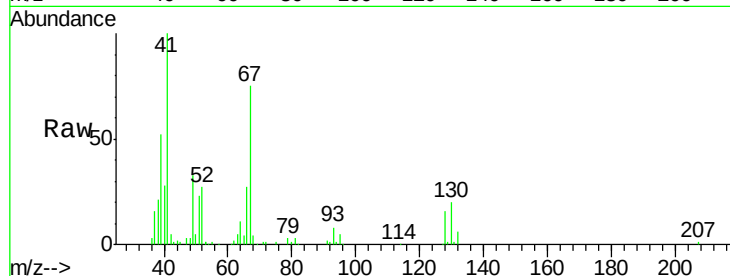
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	41	Resp:	60233
Ion	Ratio	Lower	Upper
41	100		
39	63.7	46.0	69.0
67	81.2	60.8	91.2
52	32.9	23.7	35.5

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#42

1,2-Dichloroethane

Concen: 39.157 ug/l

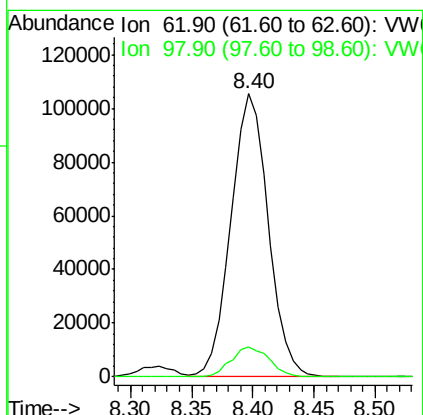
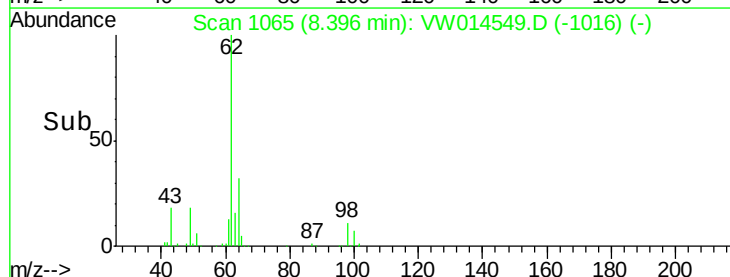
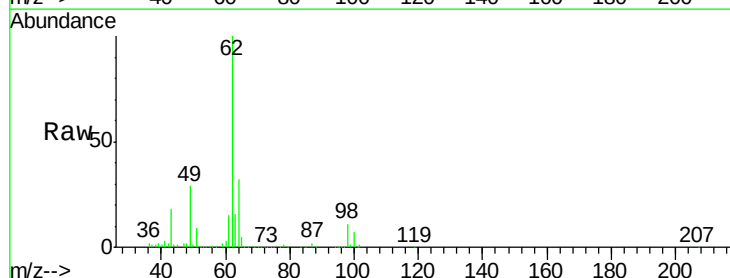
RT: 8.40 min Scan# 1065

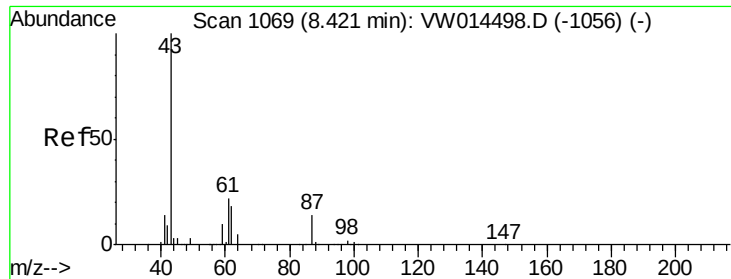
Delta R.T. -0.00 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Tgt Ion:	62	Resp:	222301
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.0





#43

Isopropyl Acetate

Concen: 35.047 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Instrument :

MSVOA_W

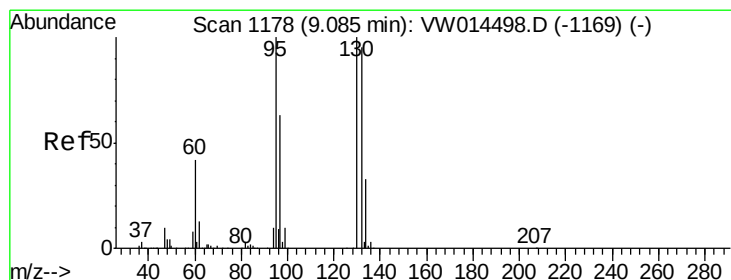
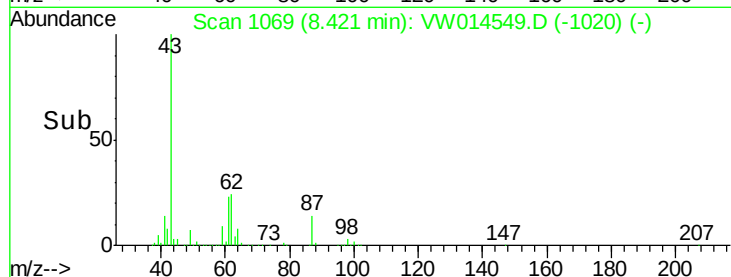
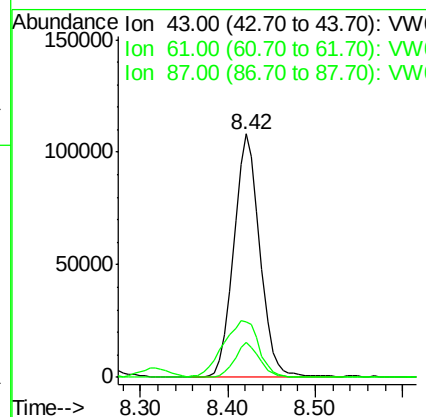
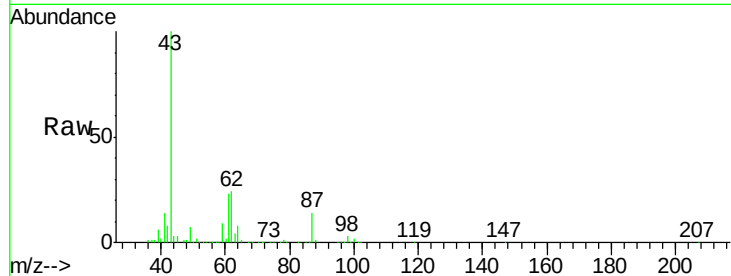
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	223170
Ion	Ratio	Lower	Upper
43	100		
61	31.6	24.7	37.1
87	13.6	11.1	16.7

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#44

Trichloroethene

Concen: 51.452 ug/l

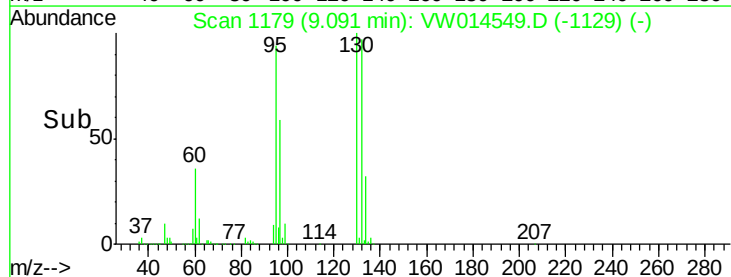
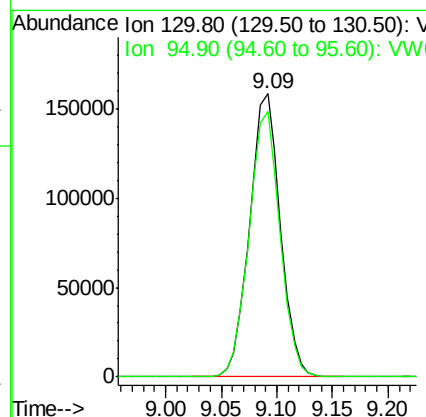
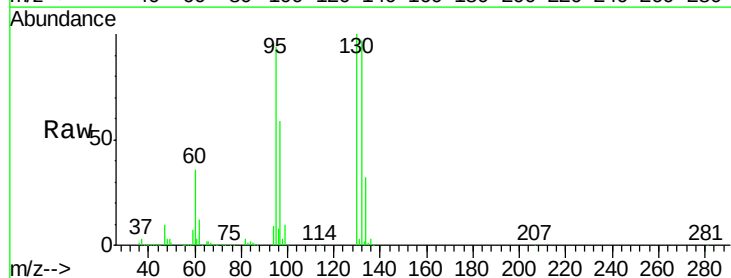
RT: 9.09 min Scan# 1179

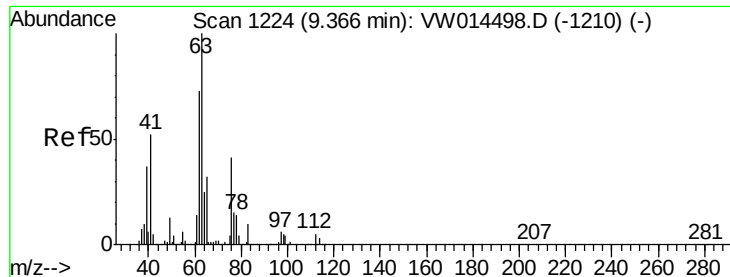
Delta R.T. 0.01 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Tgt Ion:	130	Resp:	304576
Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	199.4





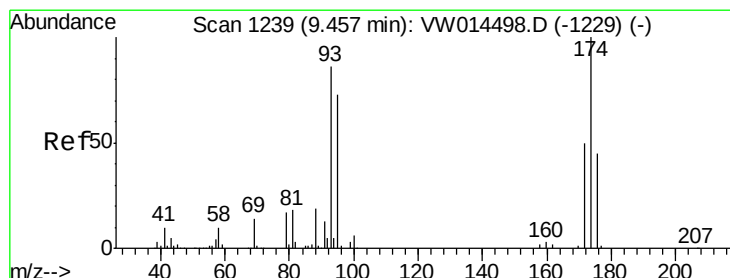
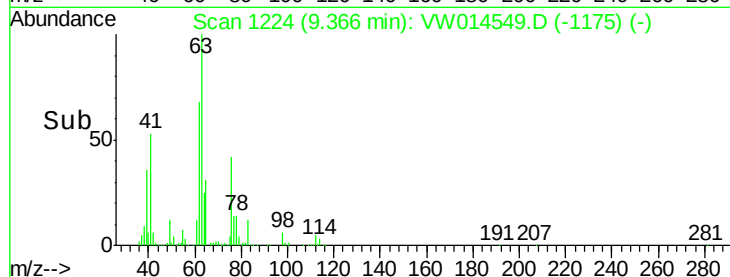
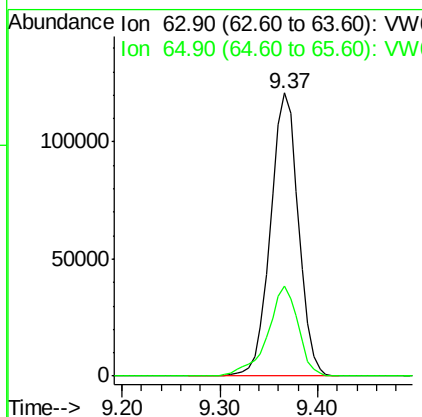
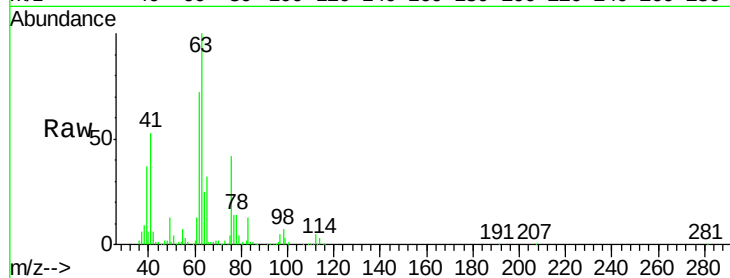
#45
 1,2-Dichloropropane
 Concen: 44.908 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW014549.D
 Acq: 07 Jan 2020 16:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 241077
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.6 38.4

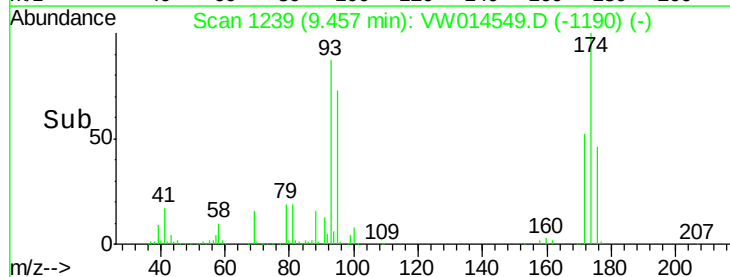
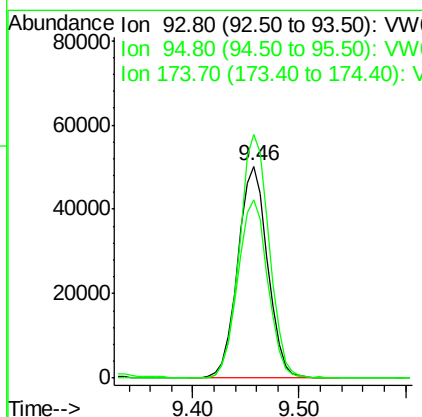
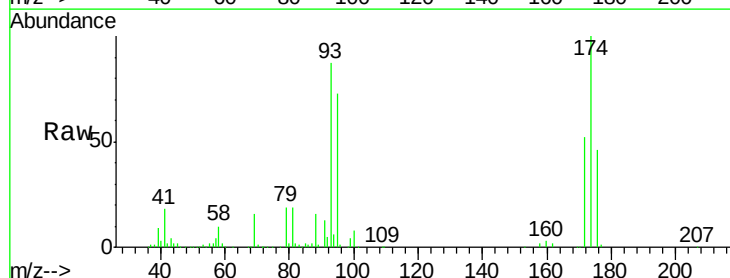
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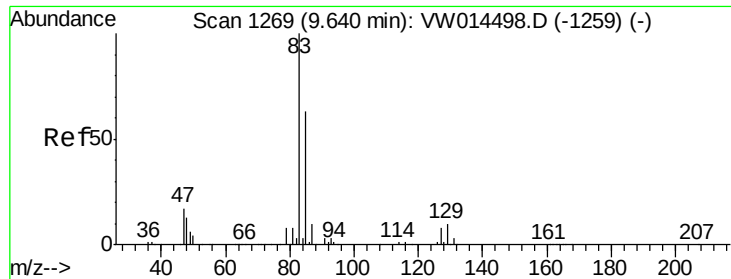
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#46
 Dibromomethane
 Concen: 37.361 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW014549.D
 Acq: 07 Jan 2020 16:55

Tgt Ion: 93 Resp: 99012
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.4 99.6
 174 114.0 89.1 133.7





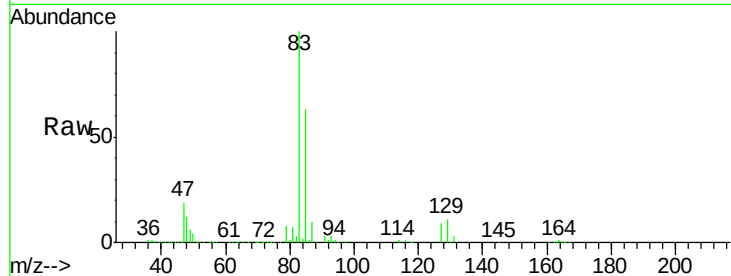
#47
 Bromodichloromethane
 Concen: 42.856 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW014549.D
 Acq: 07 Jan 2020 16:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

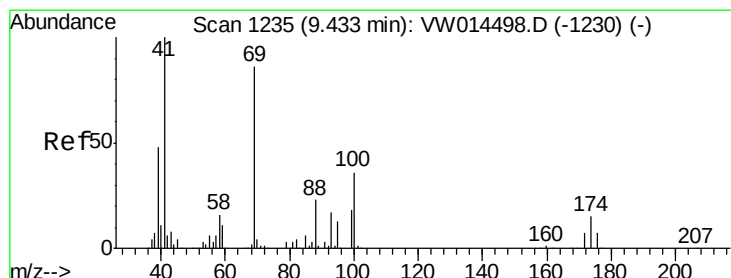
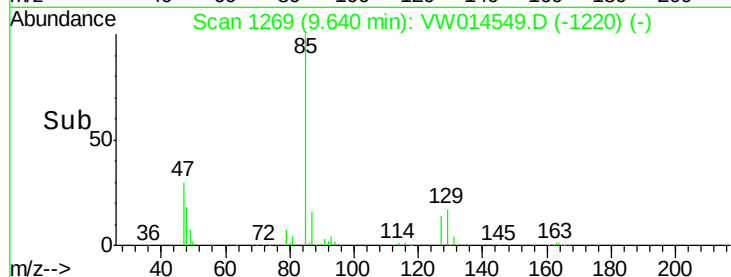
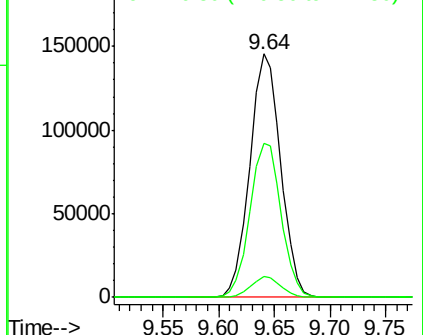
Tgt Ion	Ratio	Resp	Lower	Upper
83	100	280401		
85	63.4		50.6	76.0
127	8.7		6.6	9.8

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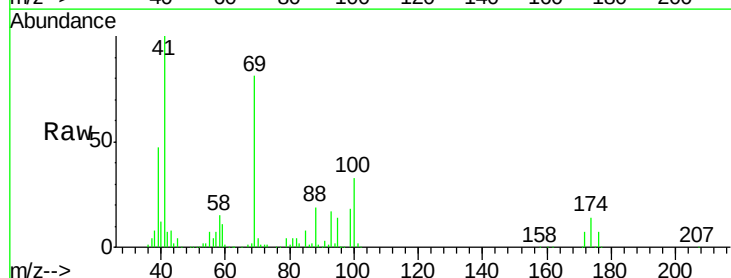


Abundance Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 126.80 (126.50 to 127.50): V

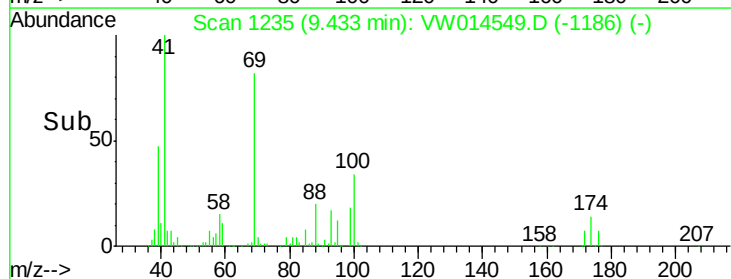
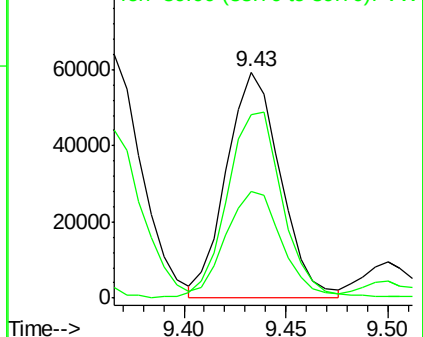


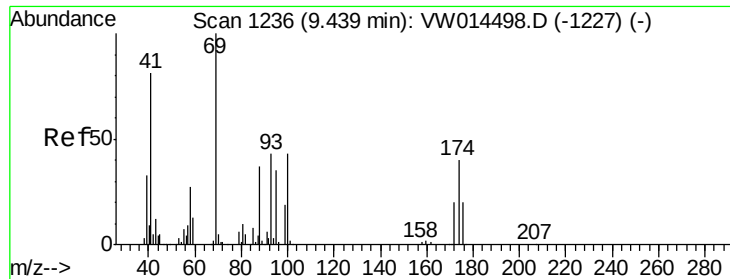
#48
 Methyl methacrylate
 Concen: 34.806 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW014549.D
 Acq: 07 Jan 2020 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	108212		
69	84.8		68.3	102.5
39	45.2		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





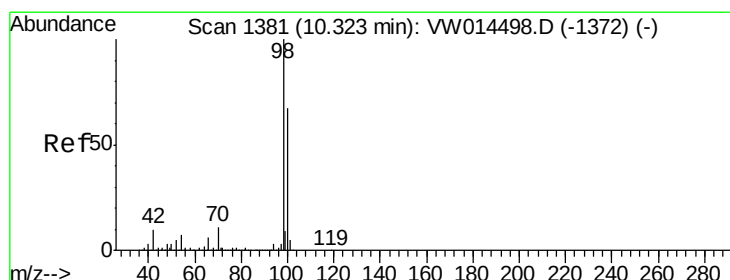
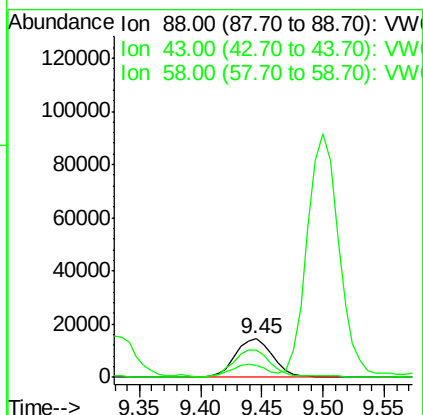
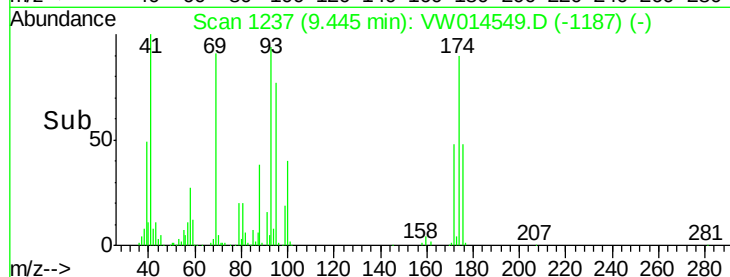
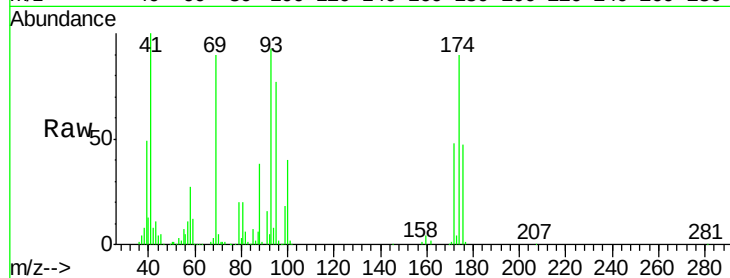
#49
1,4-Dioxane
Concen: 631.146 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.0	24.9	37.3
58	70.1	56.9	85.3

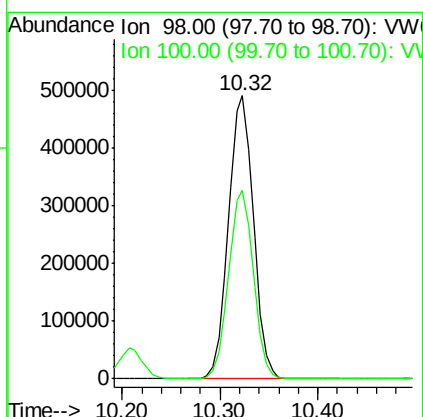
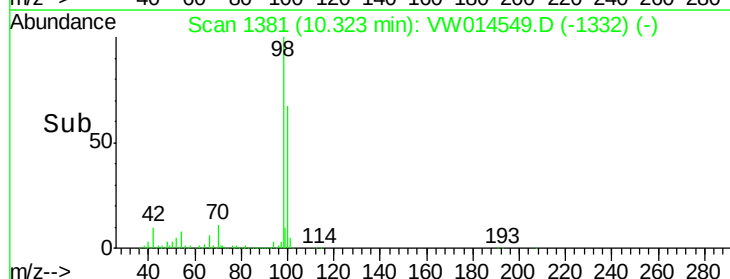
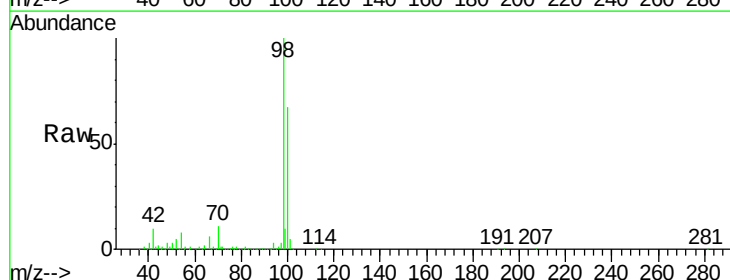
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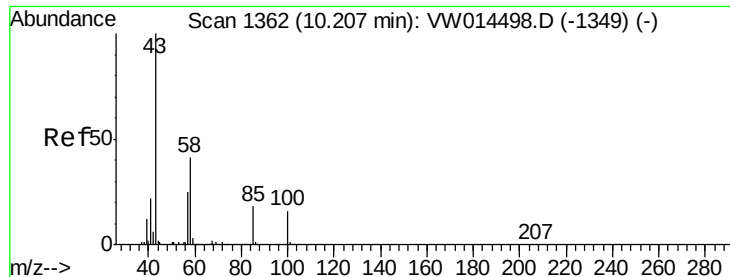
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#50
Toluene-d8
Concen: 45.553 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.8	80.6





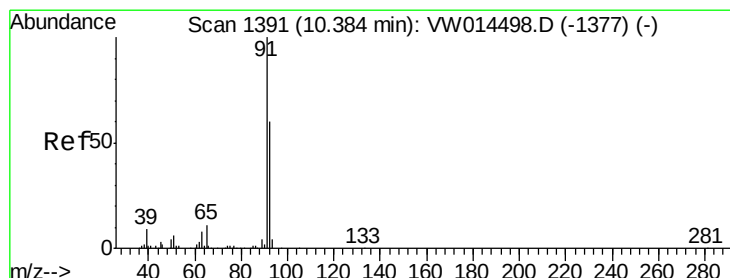
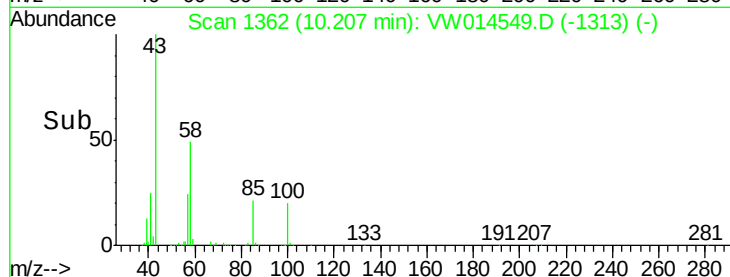
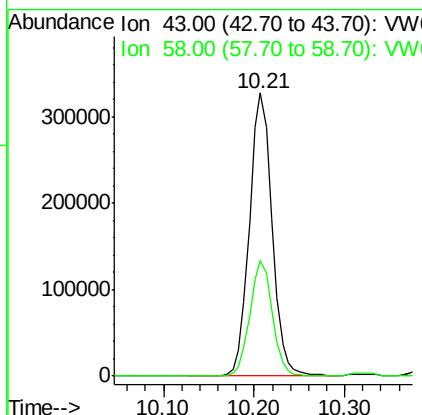
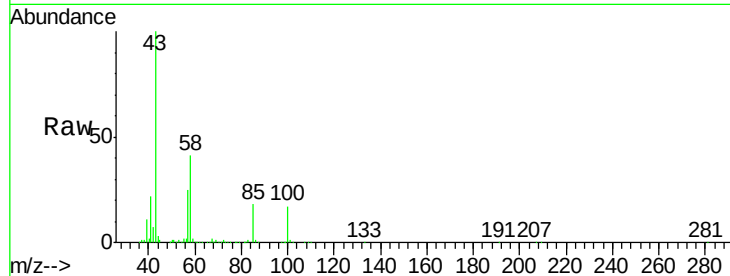
#51
 4-Methyl-2-Pentanone
 Concen: 171.702 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW014549.D
 Acq: 07 Jan 2020 16:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 567784
 Ion Ratio Lower Upper
 43 100
 58 40.6 32.7 49.1

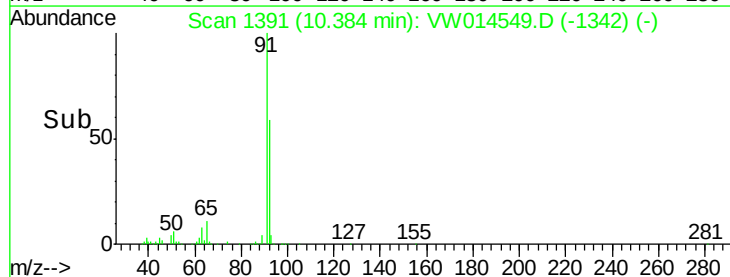
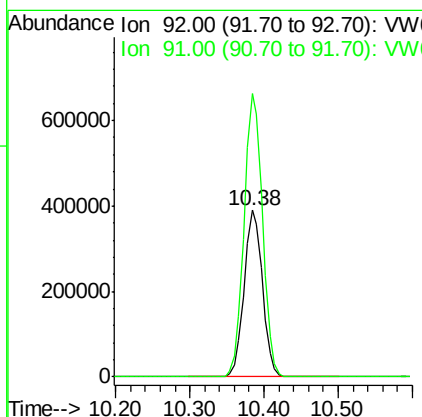
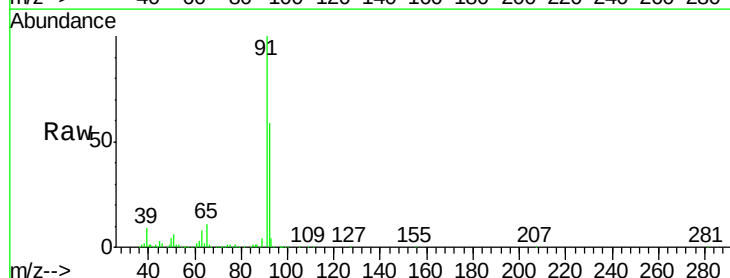
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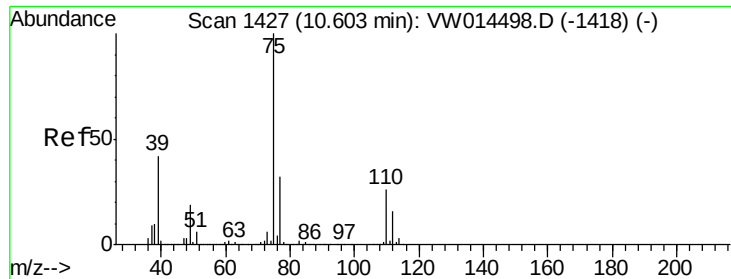
apatel
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#52
 Toluene
 Concen: 49.045 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW014549.D
 Acq: 07 Jan 2020 16:55

Tgt Ion: 92 Resp: 674999
 Ion Ratio Lower Upper
 92 100
 91 171.0 134.1 201.1





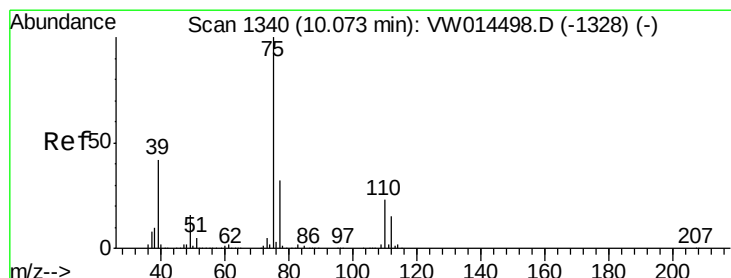
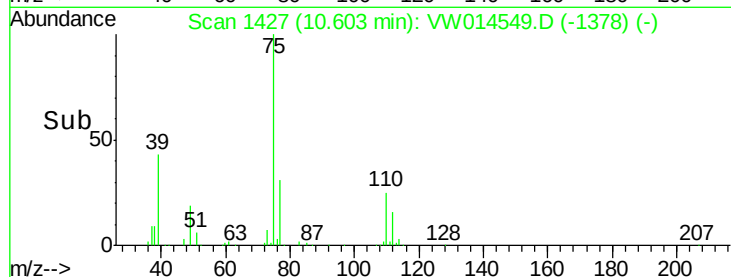
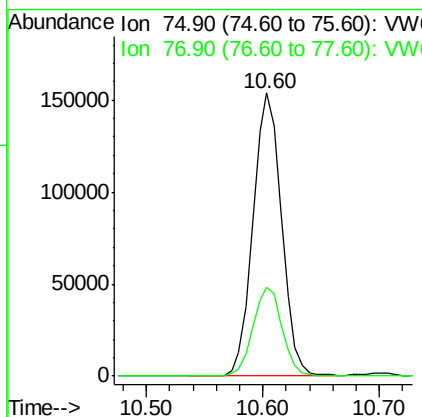
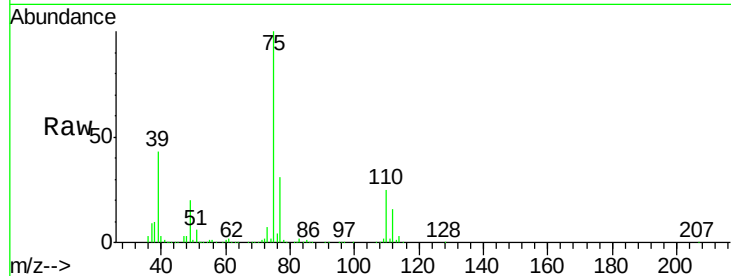
#53
t-1,3-Dichloropropene
Concen: 38.865 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 263285
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2

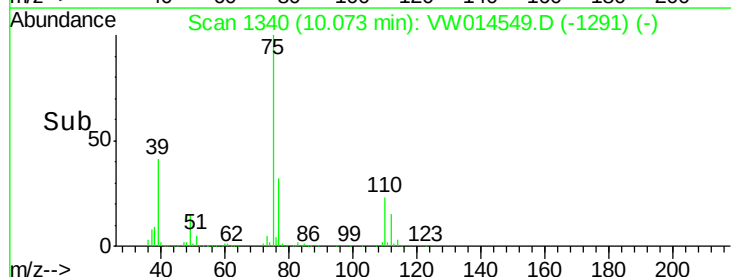
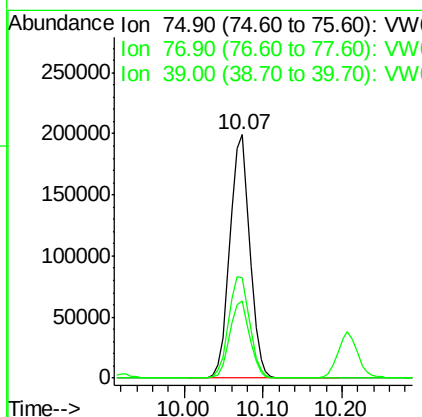
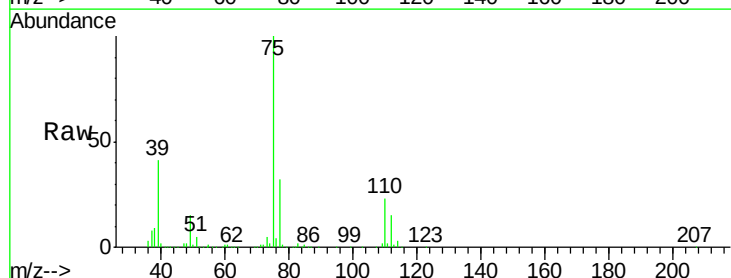
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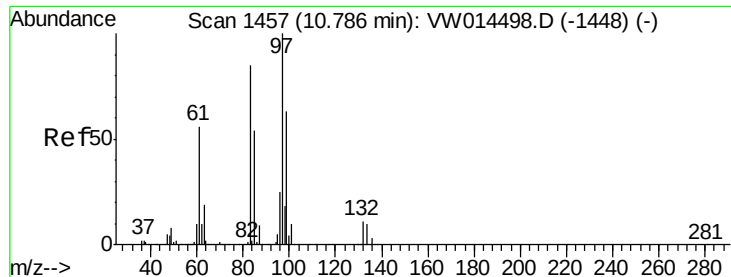
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#54
cis-1,3-Dichloropropene
Concen: 42.619 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Tgt Ion: 75 Resp: 352865
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 40.8 33.4 50.2





#55

1,1,2-Trichloroethane

Concen: 37.494 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Instrument :

MSVOA_W

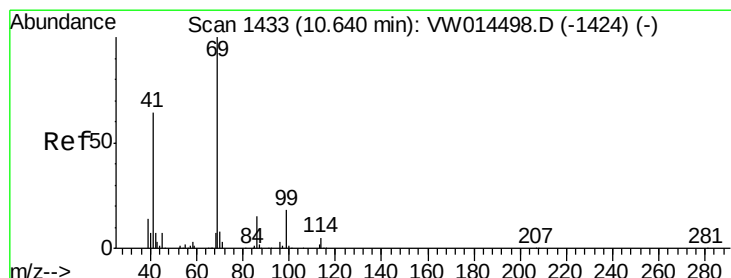
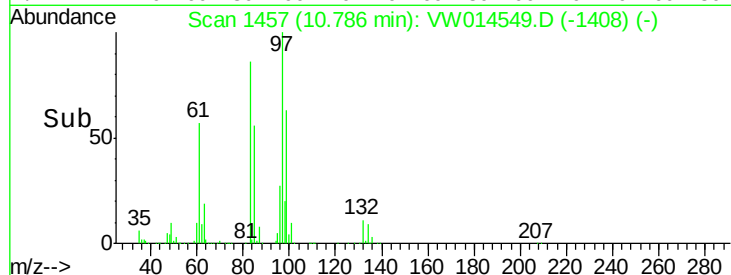
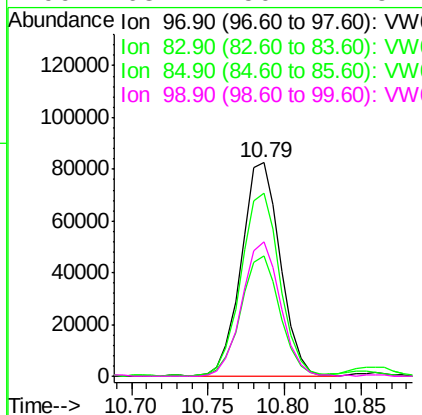
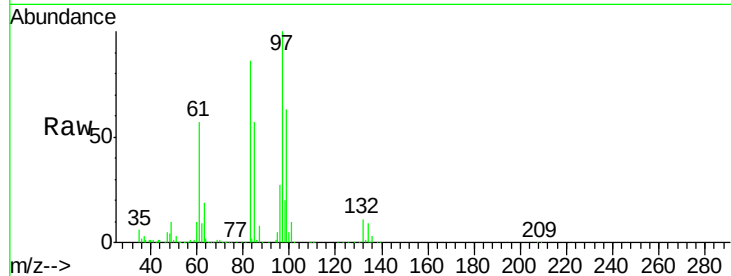
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	145121		
83	85.9	68.2	102.4	
85	56.5	43.0	64.4	
99	63.1	50.1	75.1	

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#56

Ethyl methacrylate

Concen: 36.329 ug/l

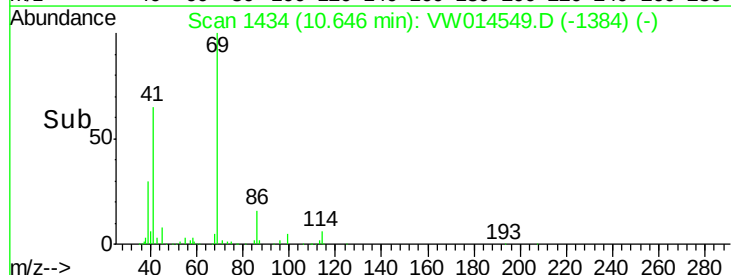
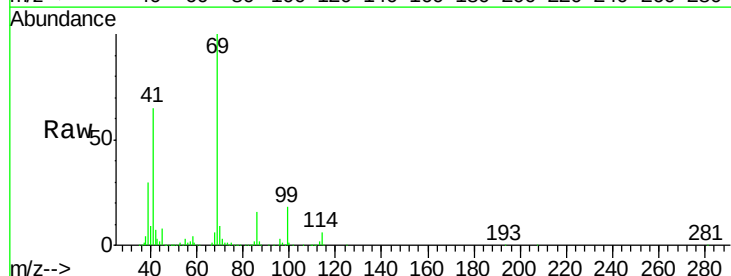
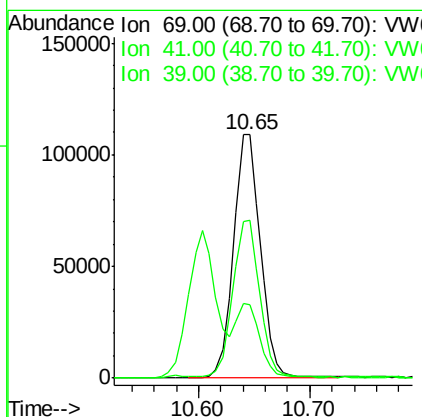
RT: 10.65 min Scan# 1434

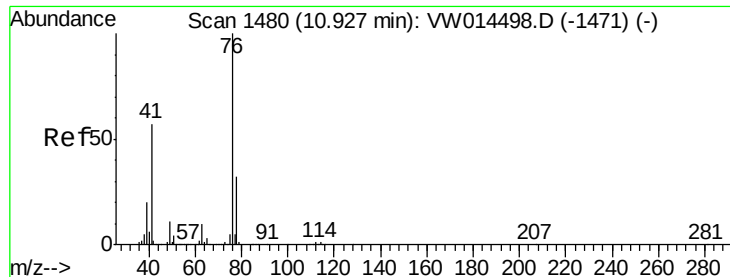
Delta R.T. 0.01 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	182739		
41	63.7	51.3	76.9	
39	26.6	21.0	31.6	





#57

1,3-Dichloropropane

Concen: 38.185 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.01 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 259752

Ion Ratio Lower Upper

76 100

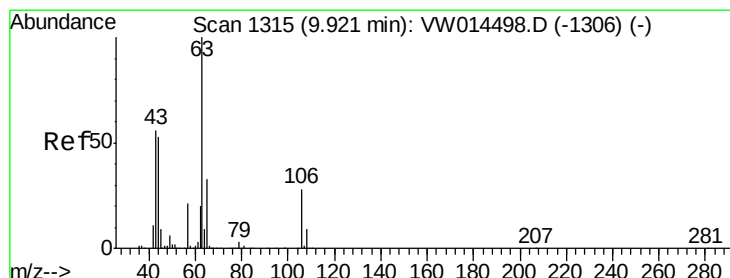
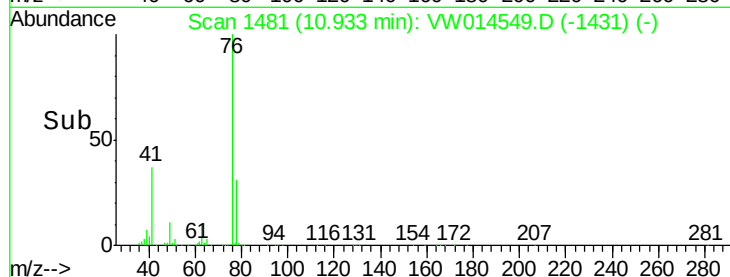
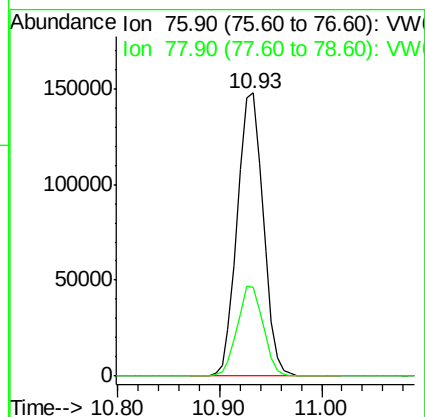
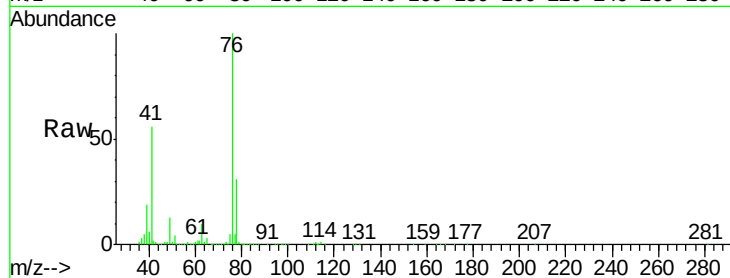
78 31.9 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 181.831 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW014549.D

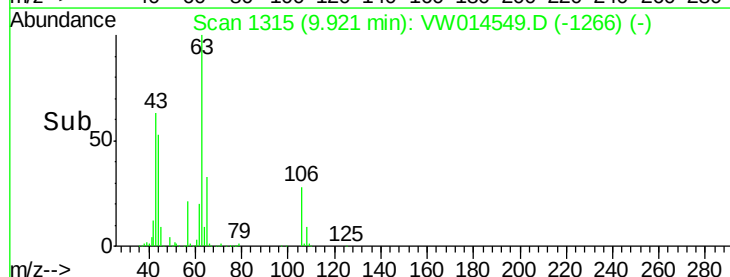
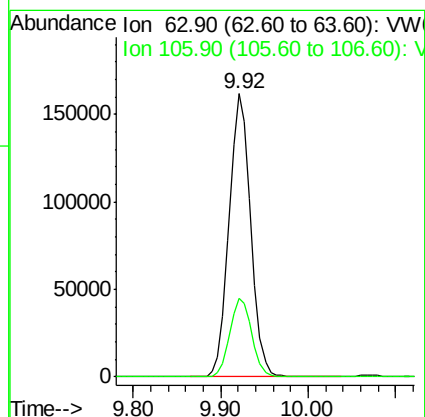
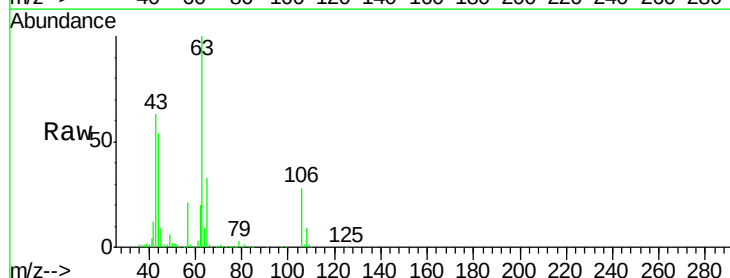
Acq: 07 Jan 2020 16:55

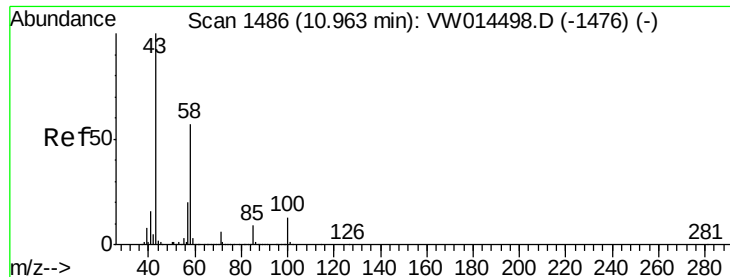
Tgt Ion: 63 Resp: 278167

Ion Ratio Lower Upper

63 100

106 28.1 23.0 34.6





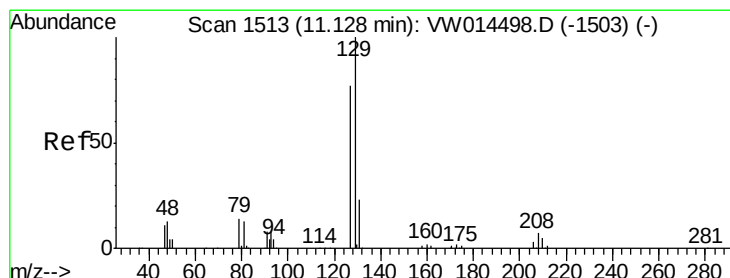
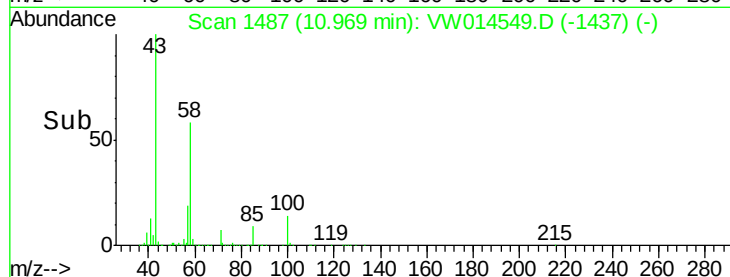
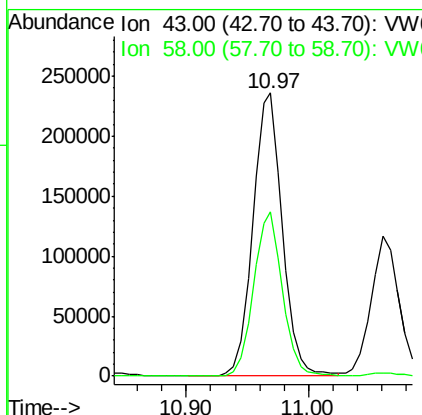
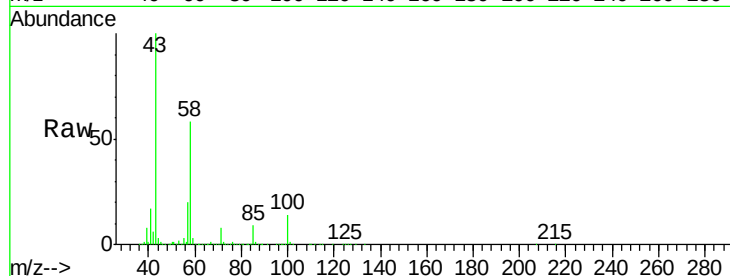
#59
2-Hexanone
Concen: 172.829 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 393820
Ion Ratio Lower Upper
43 100
58 57.0 28.7 86.3

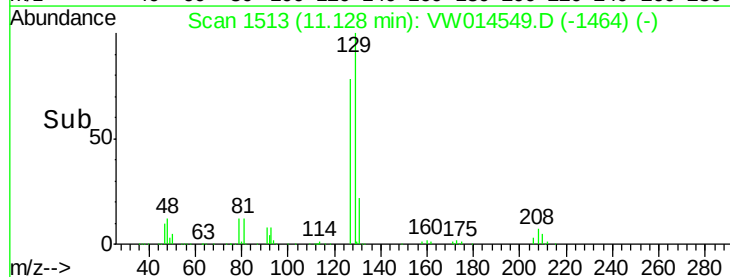
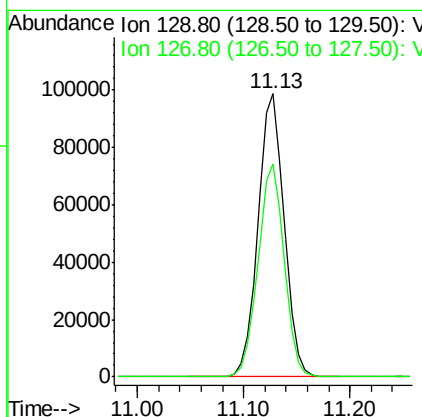
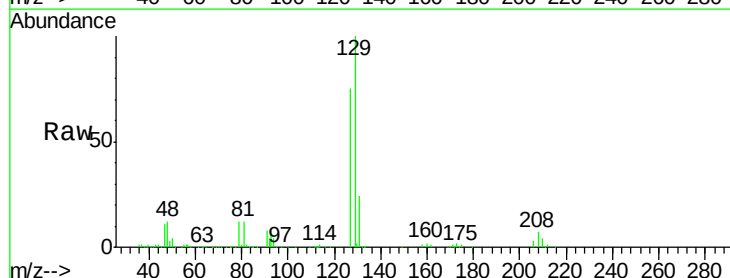
Manual Integrations
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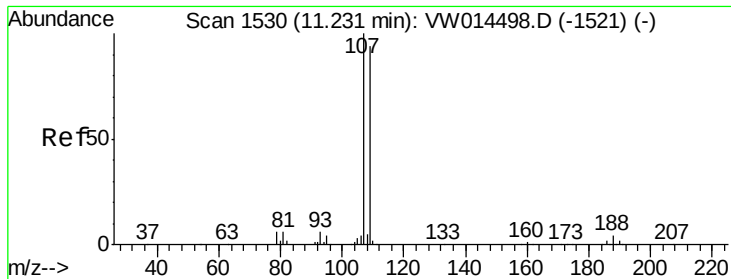
apatel
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#60
Dibromochloromethane
Concen: 38.999 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Tgt Ion: 129 Resp: 170310
Ion Ratio Lower Upper
129 100
127 75.3 38.1 114.5





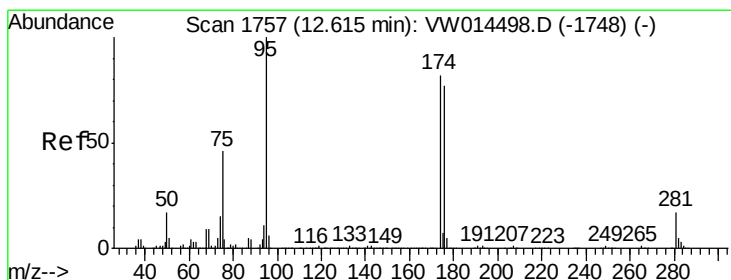
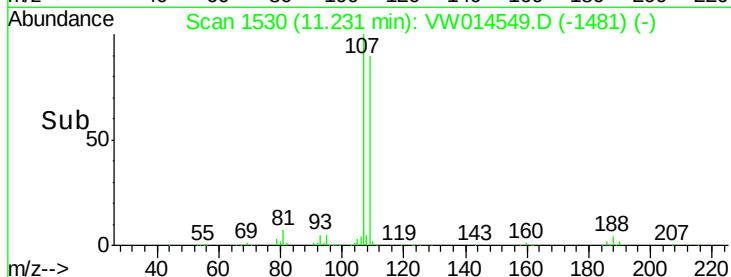
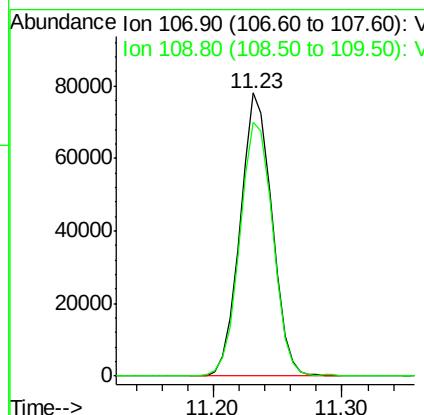
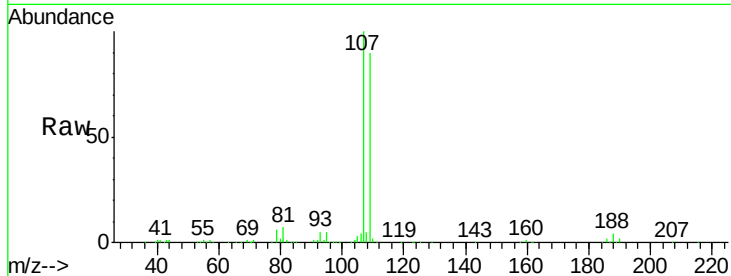
#61
1,2-Dibromoethane
Concen: 36.212 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 133043
Ion Ratio Lower Upper
107 100
109 93.1 75.1 112.7

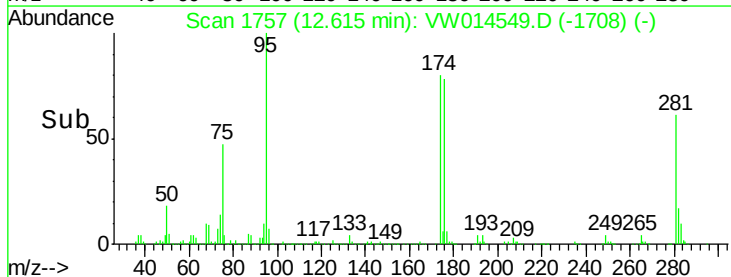
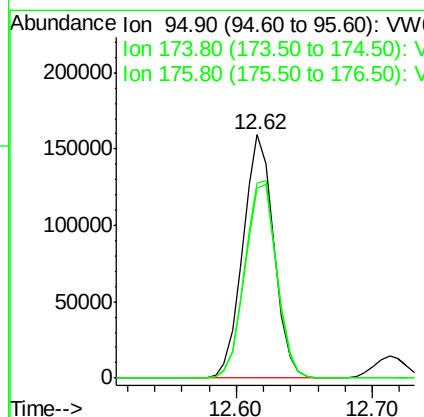
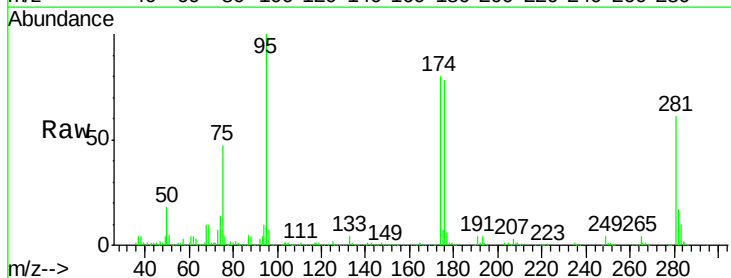
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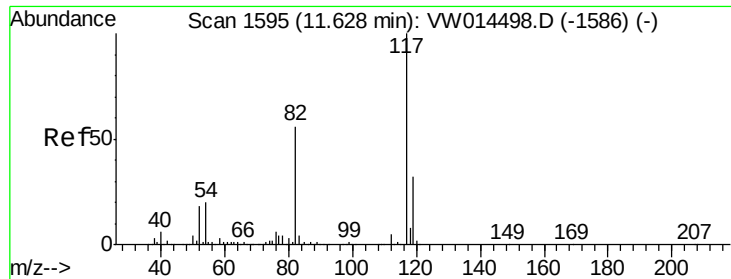
apatel
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#62
4-Bromofluorobenzene
Concen: 39.009 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Tgt Ion: 95 Resp: 253105
Ion Ratio Lower Upper
95 100
174 84.4 0.0 168.6
176 82.3 0.0 162.0





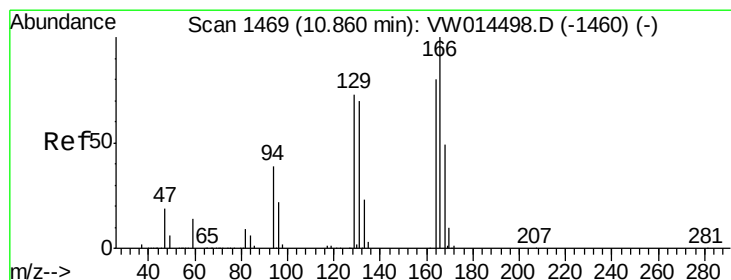
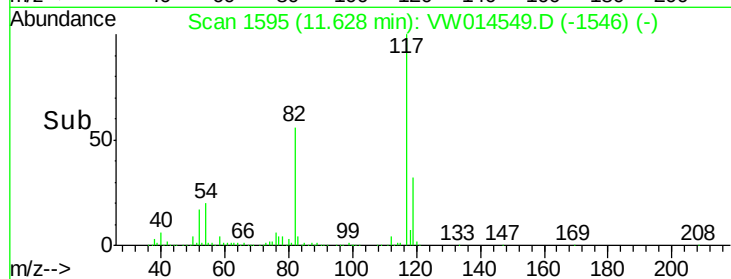
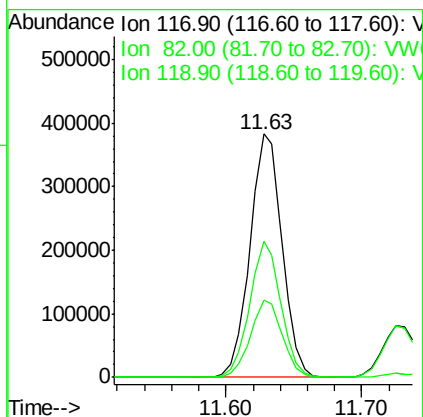
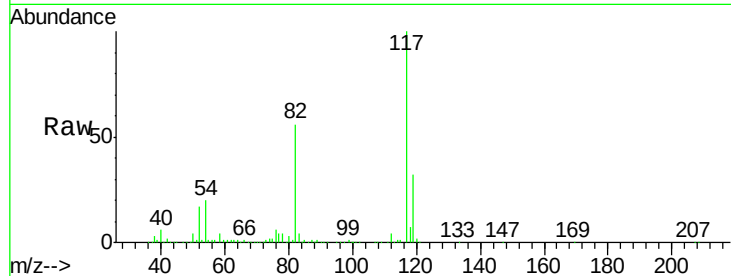
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	634305		
82	55.8	44.6	67.0	
119	31.9	25.7	38.5	

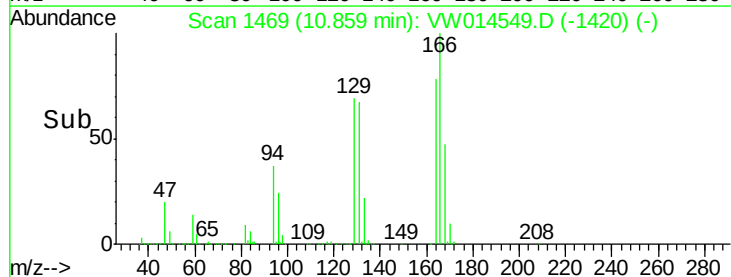
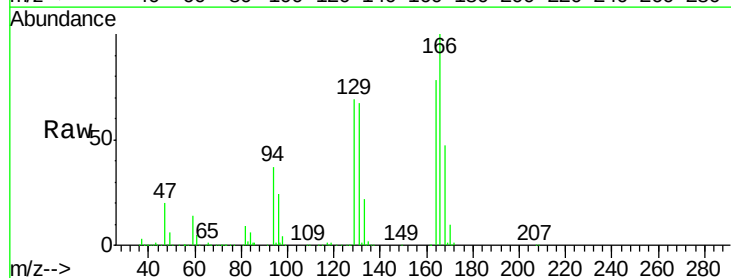
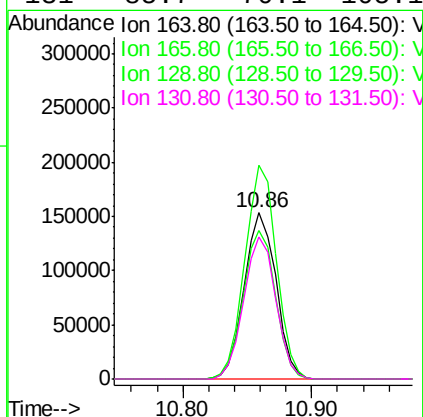
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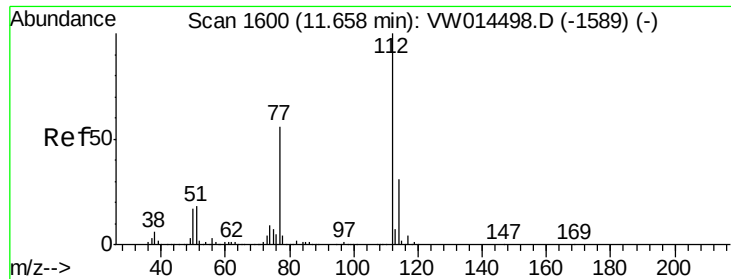
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#64
Tetrachloroethene
Concen: 56.913 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	261351		
166	128.7	99.8	149.6	
129	89.3	72.4	108.6	
131	85.7	70.1	105.1	





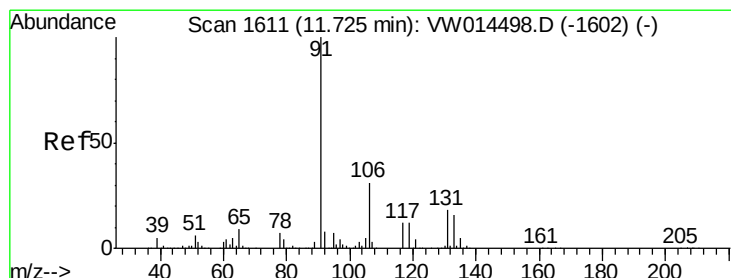
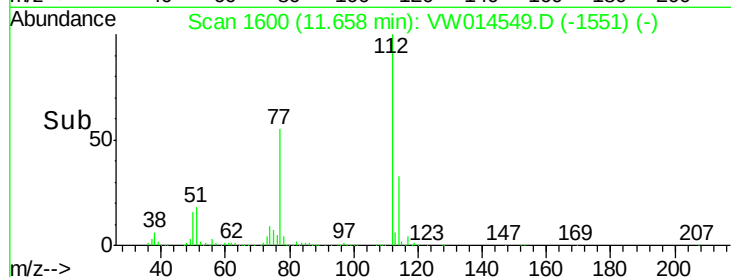
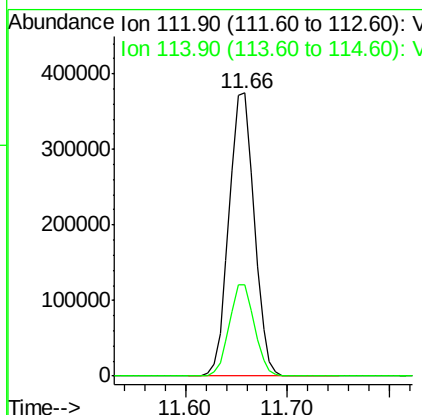
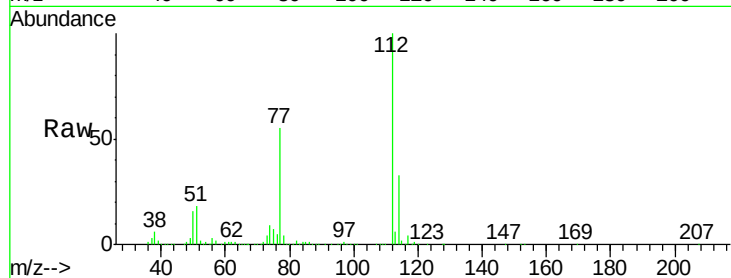
#65
Chlorobenzene
Concen: 49.436 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 642414
Ion Ratio Lower Upper
112 100
114 32.5 24.6 37.0

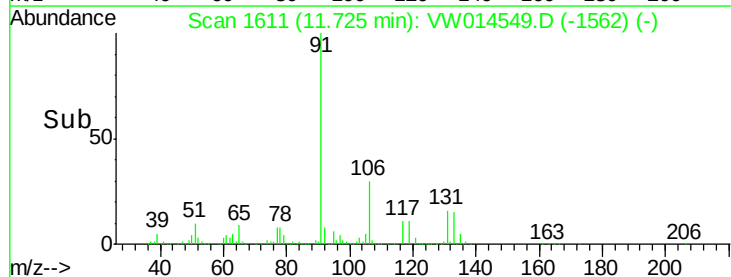
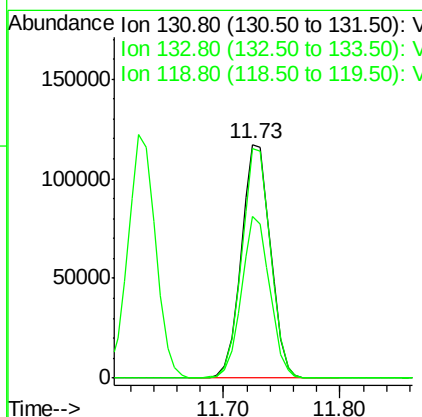
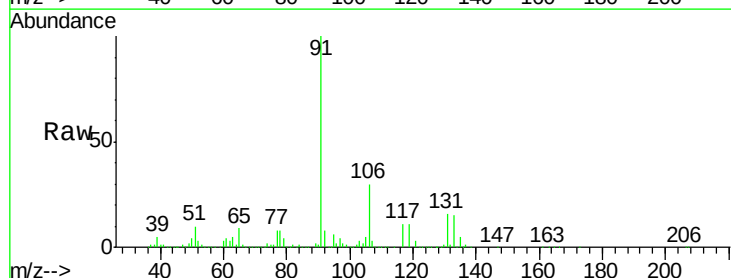
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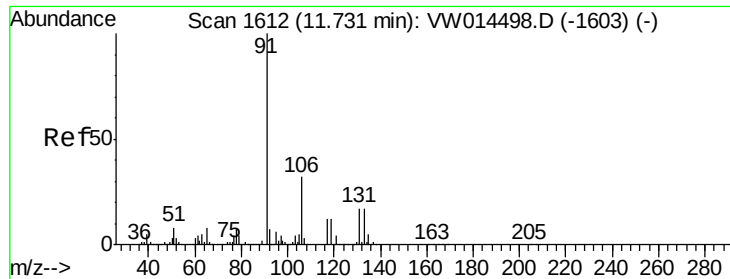
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.731 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Tgt Ion:131 Resp: 204466
Ion Ratio Lower Upper
131 100
133 97.2 47.3 142.0
119 67.2 33.1 99.3





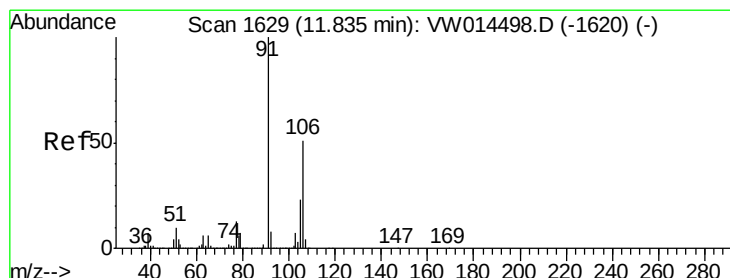
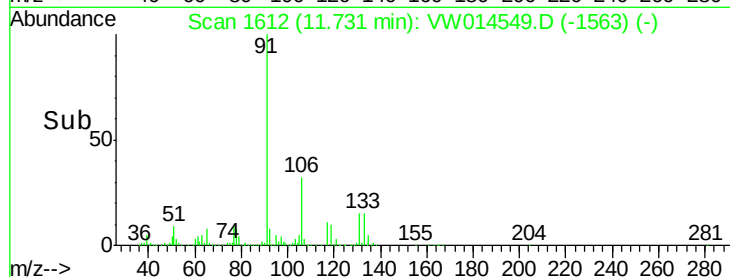
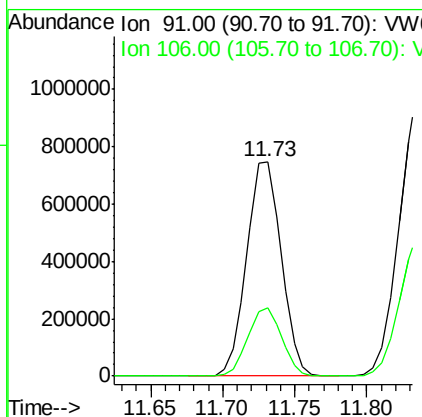
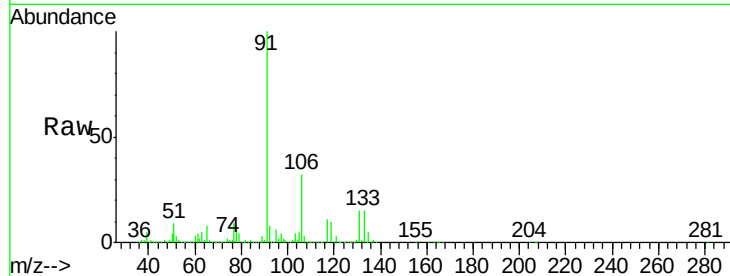
#67
Ethyl Benzene
Concen: 53.111 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1243806
Ion Ratio Lower Upper
91 100
106 32.1 25.5 38.3

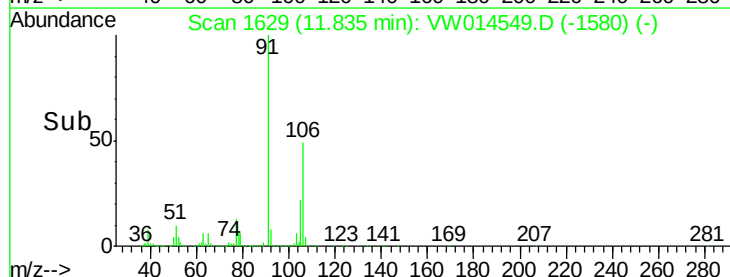
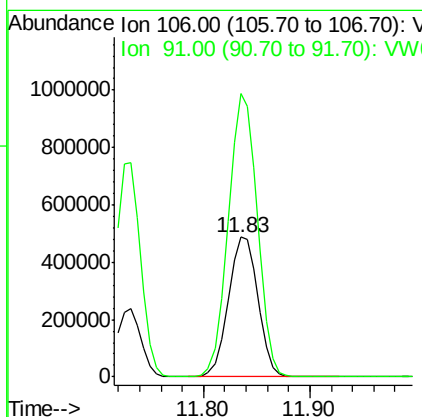
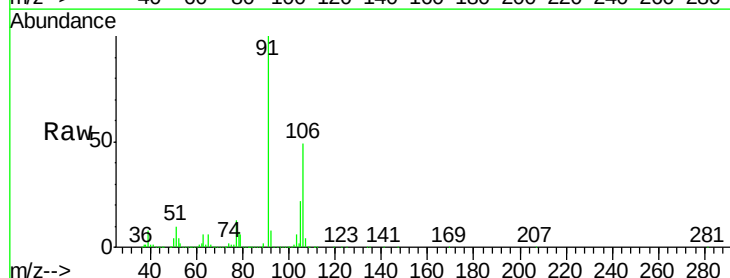
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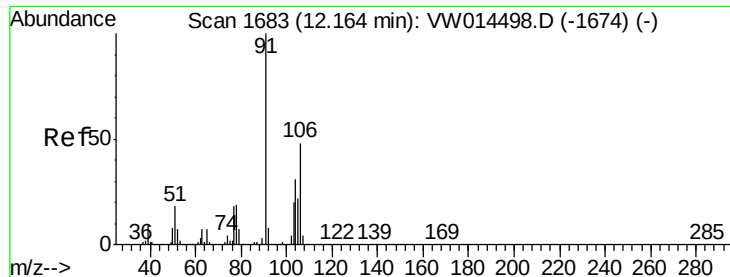
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#68
m/p-Xylenes
Concen: 105.558 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Tgt Ion: 106 Resp: 946114
Ion Ratio Lower Upper
106 100
91 199.0 159.0 238.6





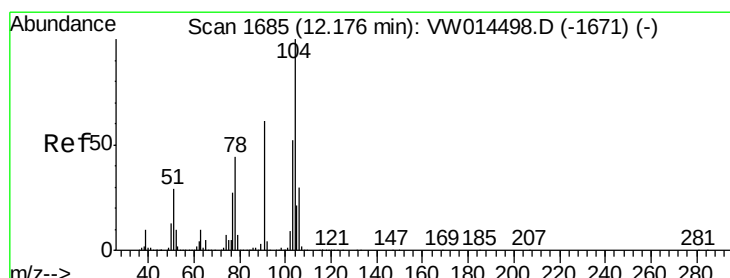
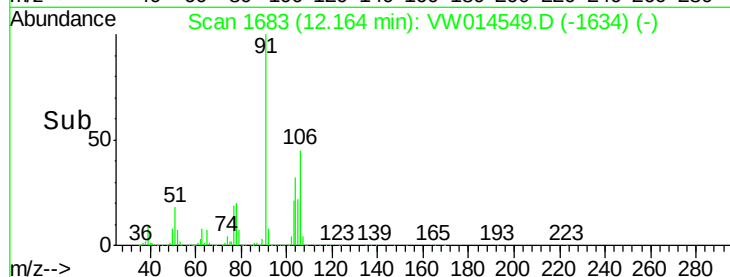
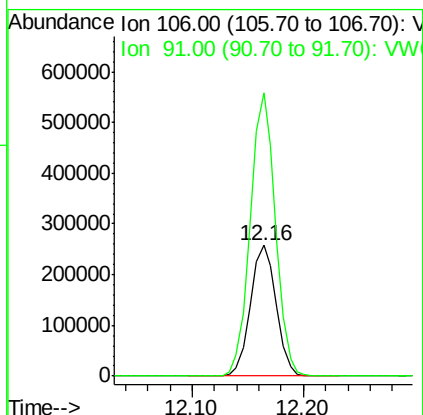
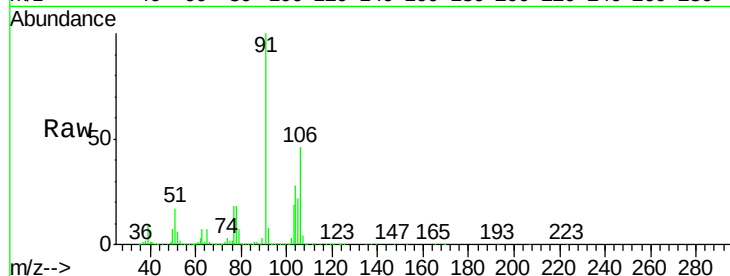
#69
o-Xylene
Concen: 50.129 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 415031
Ion Ratio Lower Upper
106 100
91 210.6 105.2 315.6

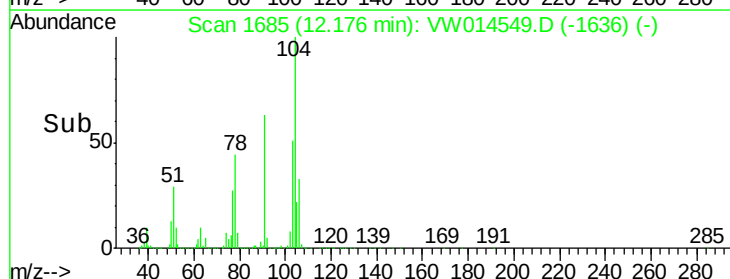
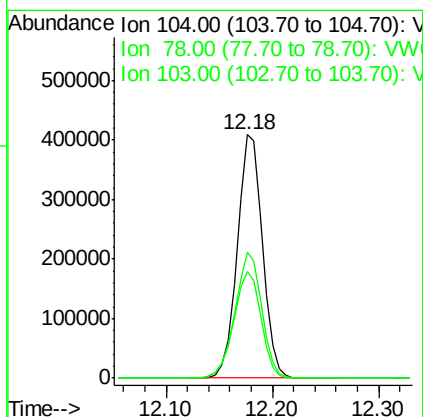
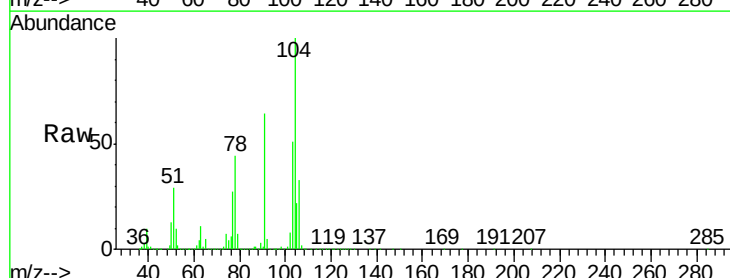
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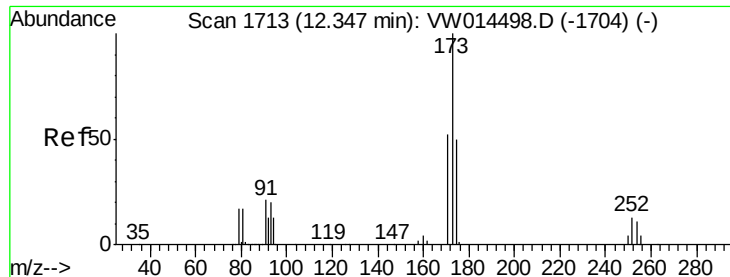
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#70
Styrene
Concen: 48.510 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Tgt Ion:104 Resp: 679314
Ion Ratio Lower Upper
104 100
78 47.6 38.4 57.6
103 54.7 43.7 65.5





#71

Bromoform

Concen: 37.707 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tgt Ion:173 Resp: 89991

Ion Ratio Lower Upper

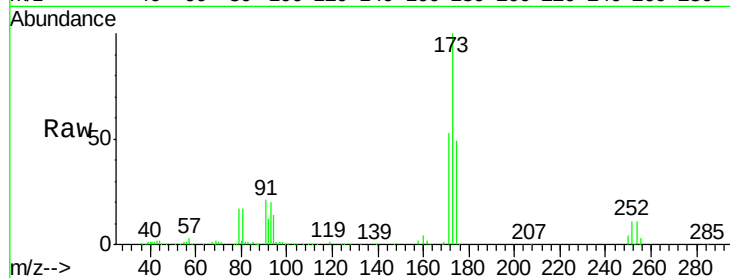
173 100

175 48.5 24.5 73.5

254 0.2 0.0 0.0#

Manual Integrations
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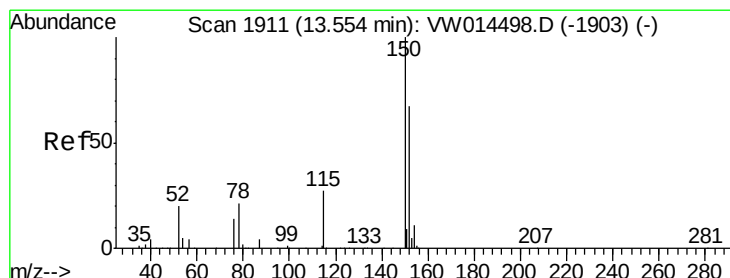
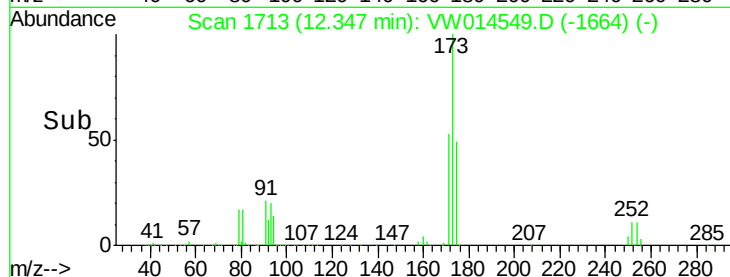
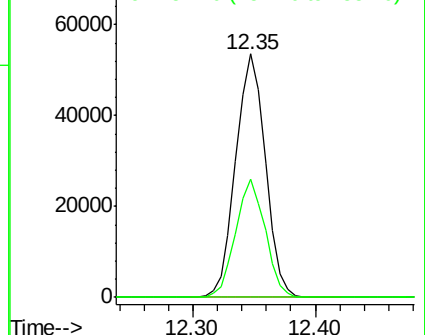
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VW014549.D

Acq: 07 Jan 2020 16:55

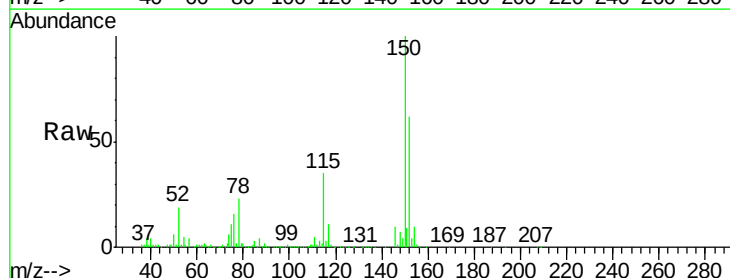
Tgt Ion:152 Resp: 274540

Ion Ratio Lower Upper

152 100

115 56.5 27.7 83.1

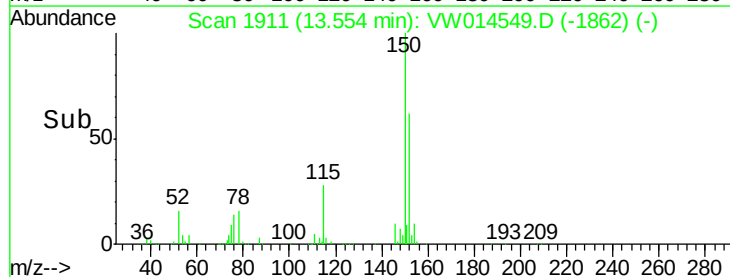
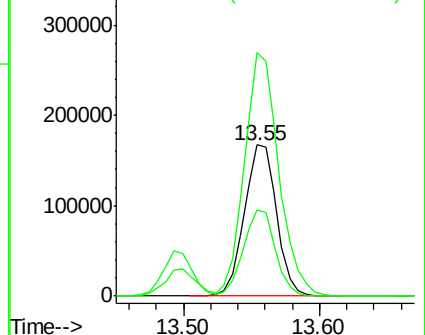
150 173.2 0.0 343.4

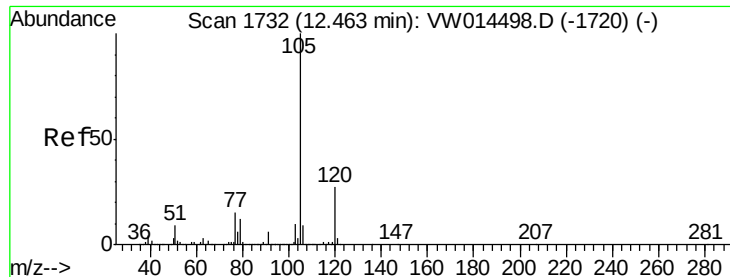


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 61.150 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 1231824

Ion Ratio Lower Upper

105 100

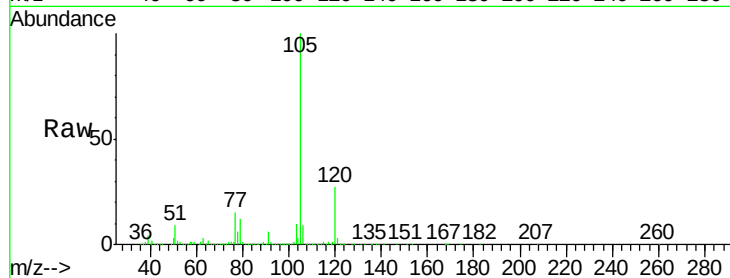
120 26.6 13.4 40.1

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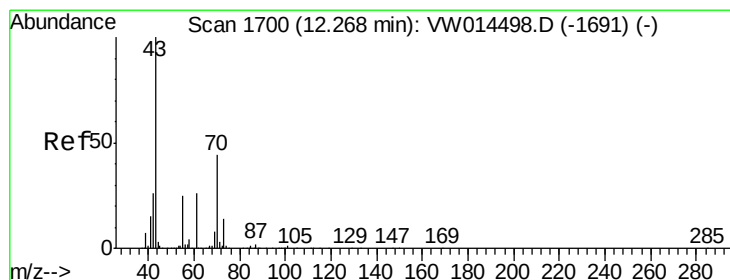
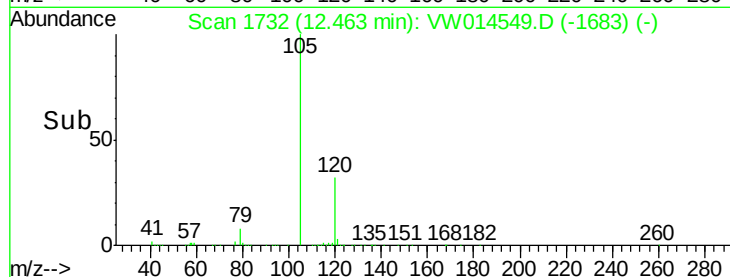
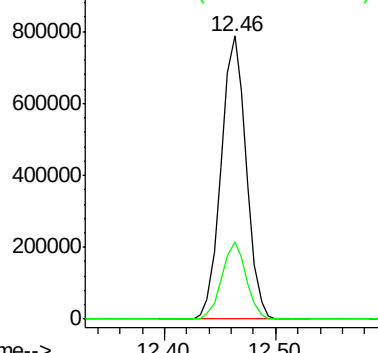
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 41.009 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Tgt Ion: 43 Resp: 185229

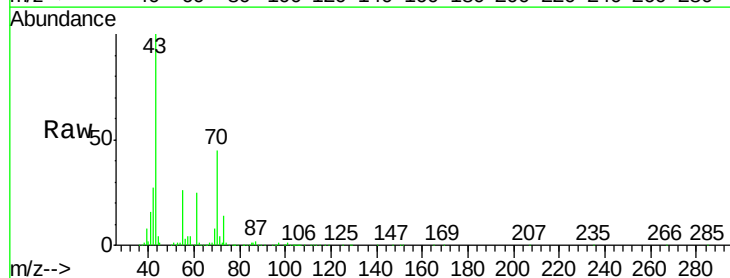
Ion Ratio Lower Upper

43 100

70 45.8 36.5 54.7

55 27.3 20.9 31.3

61 25.1 20.7 31.1

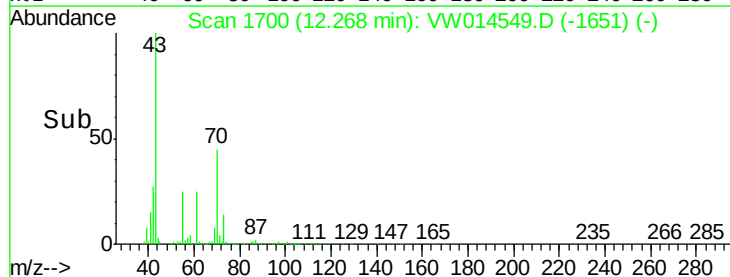
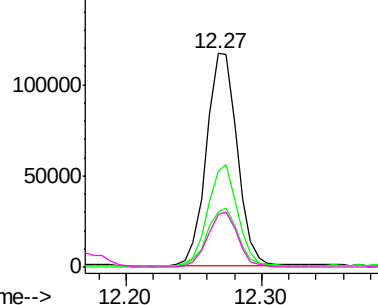


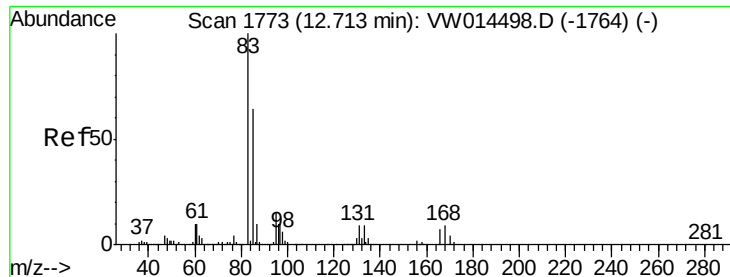
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 42.377 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 154082

Ion Ratio Lower Upper

83 100

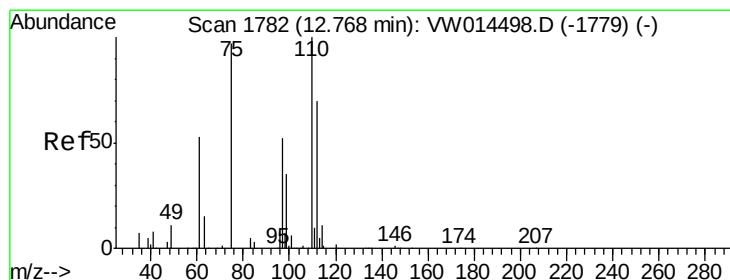
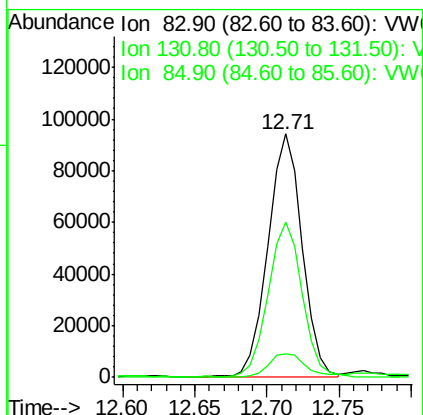
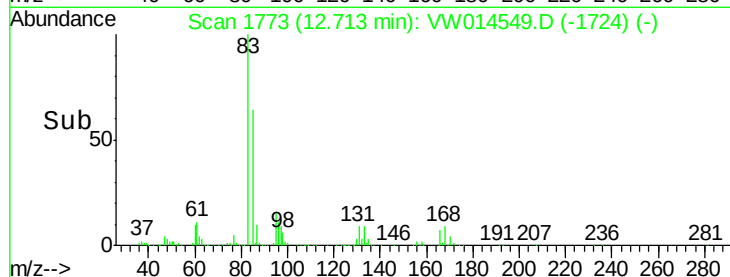
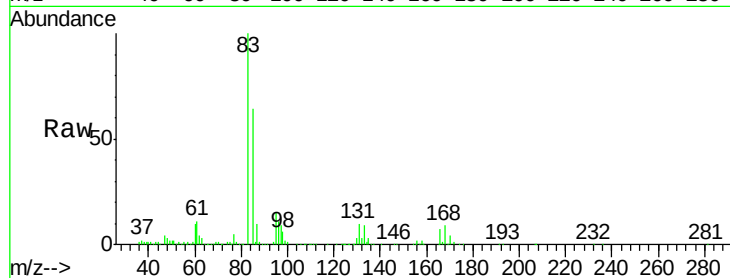
131 11.1 5.1 15.4

85 63.3 31.9 95.7

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#76

1,2,3-Trichloropropane

Concen: 36.472 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW014549.D

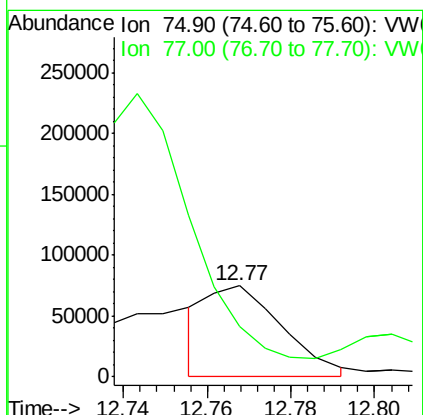
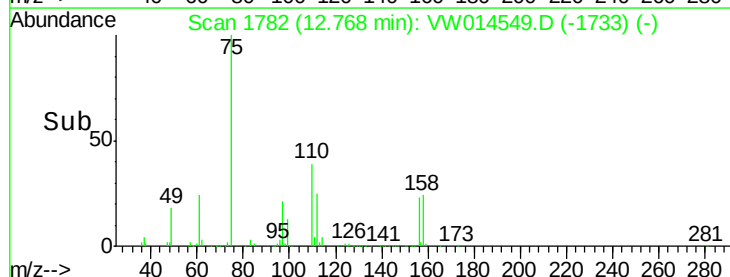
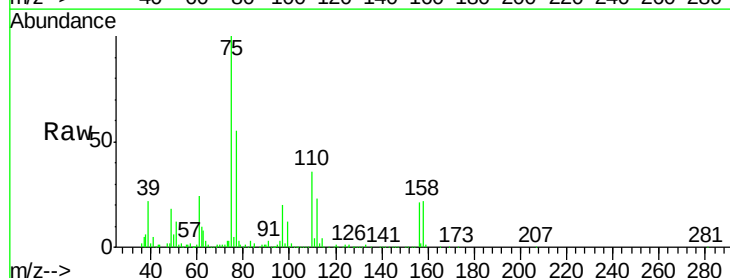
Acq: 07 Jan 2020 16:55

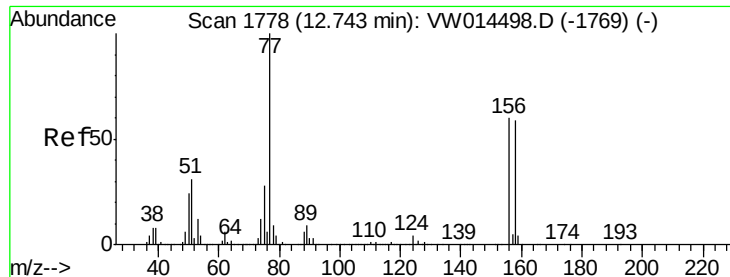
Tgt Ion: 75 Resp: 94672

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.909 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Instrument :

MSVOA_W

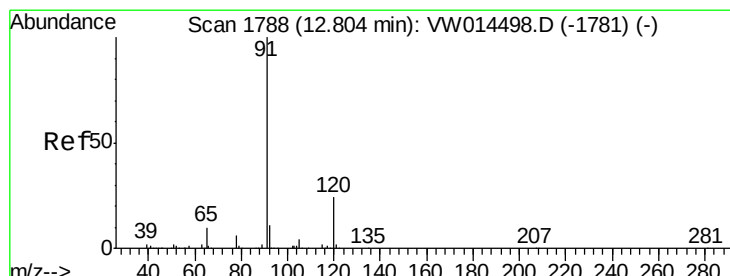
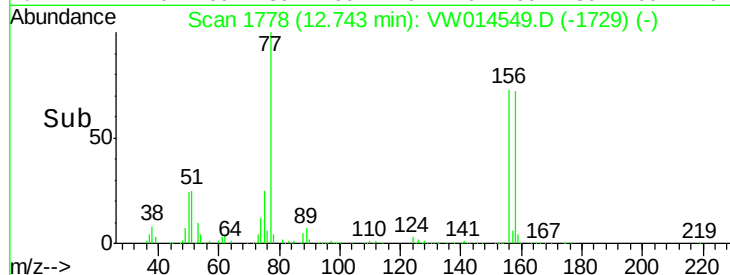
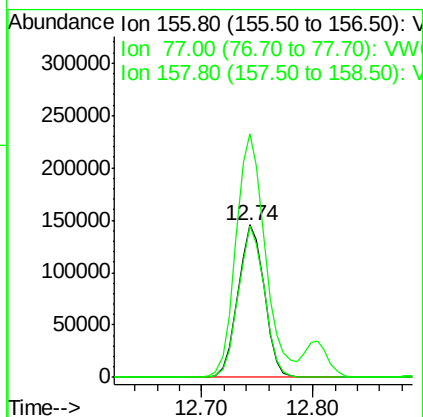
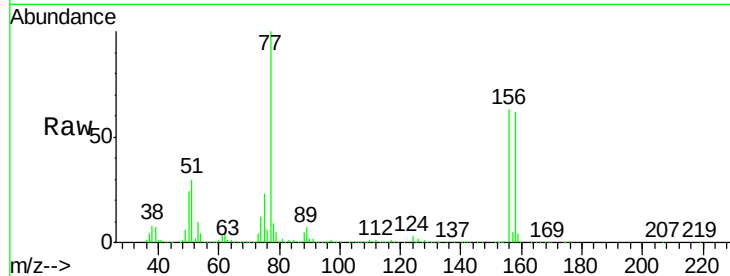
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	238190
Ion Ratio	Lower	Upper	
156	100		
77	178.2	92.3	277.1
158	98.0	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 59.731 ug/l

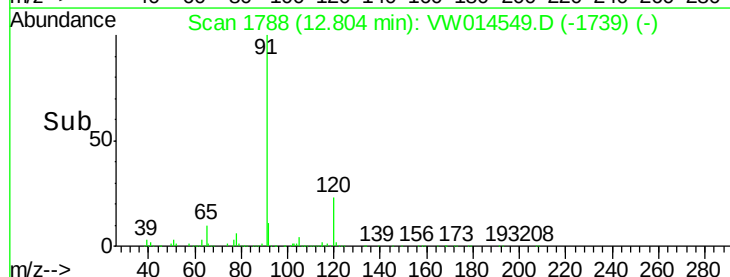
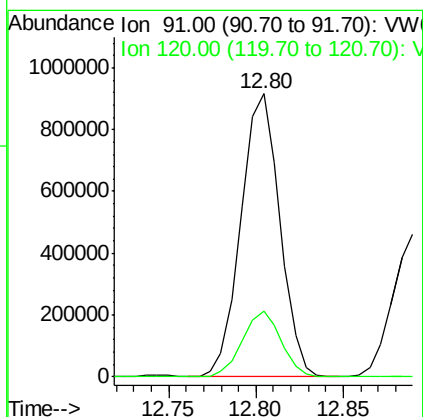
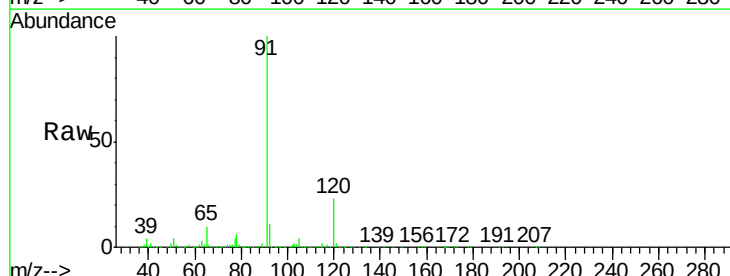
RT: 12.80 min Scan# 1788

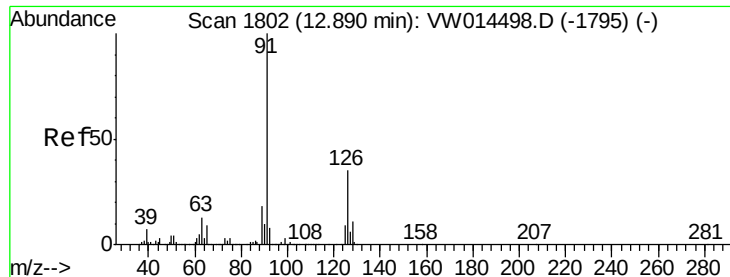
Delta R.T. -0.00 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Tgt Ion:	91	Resp:	1414888
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.7	35.1





#79

2-Chlorotoluene

Concen: 55.313 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 745618

Ion Ratio Lower Upper

91 100

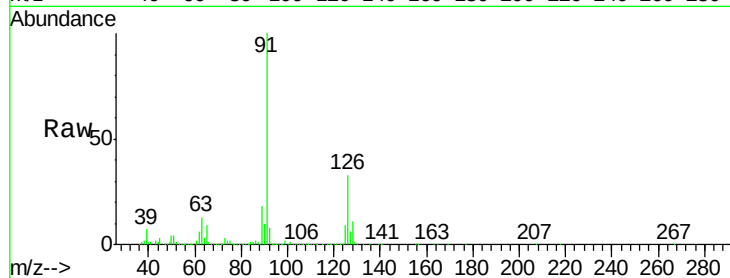
126 33.8 17.1 51.2

Manual Integrations

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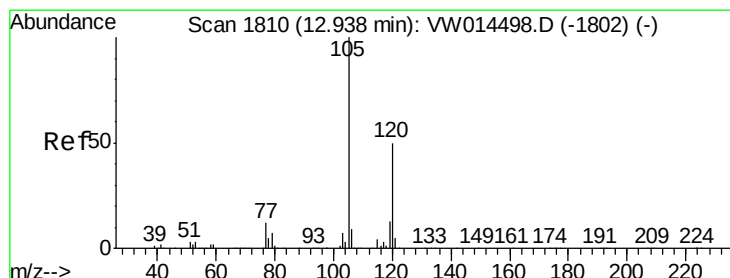
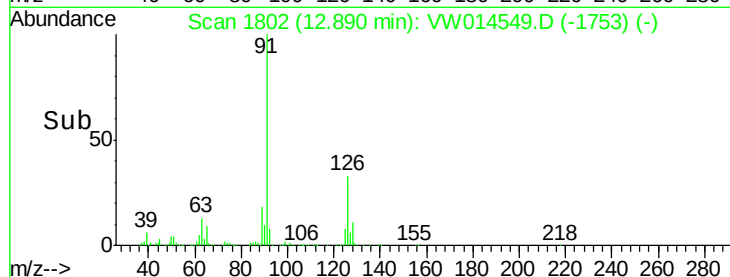
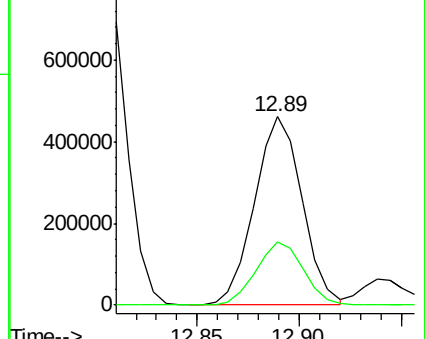
apatel

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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: 57.411 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW014549.D

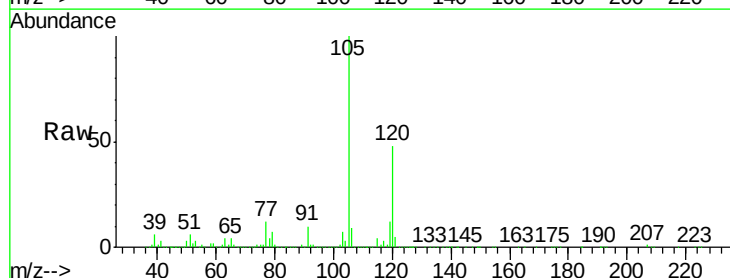
Acq: 07 Jan 2020 16:55

Tgt Ion: 105 Resp: 971052

Ion Ratio Lower Upper

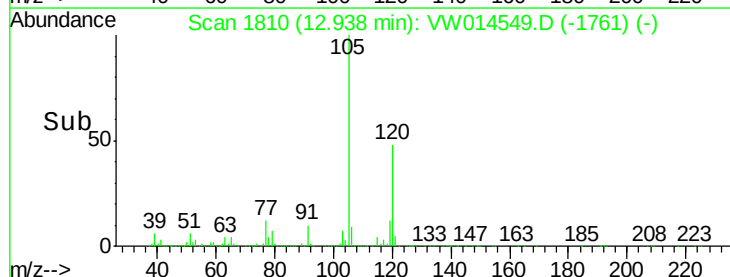
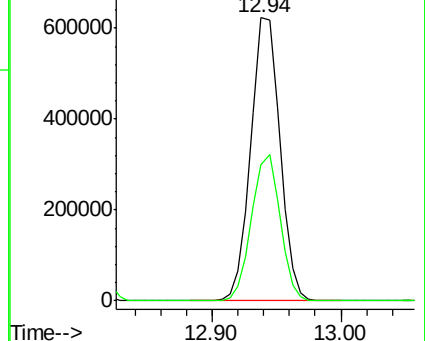
105 100

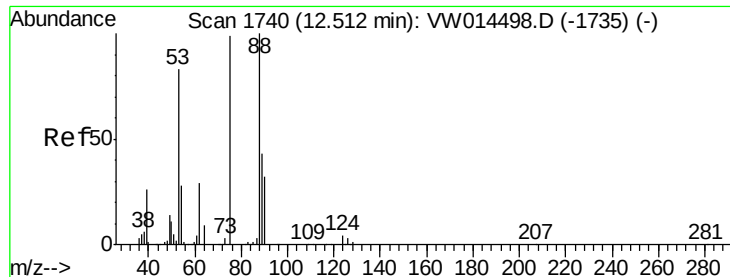
120 50.6 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





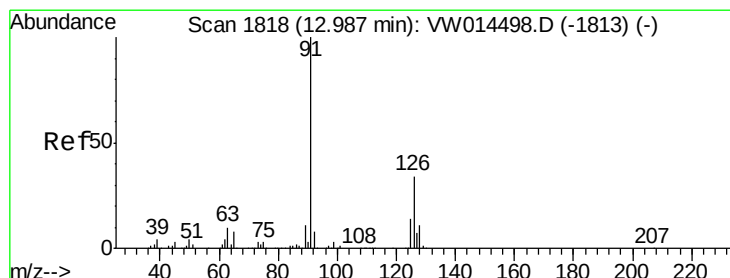
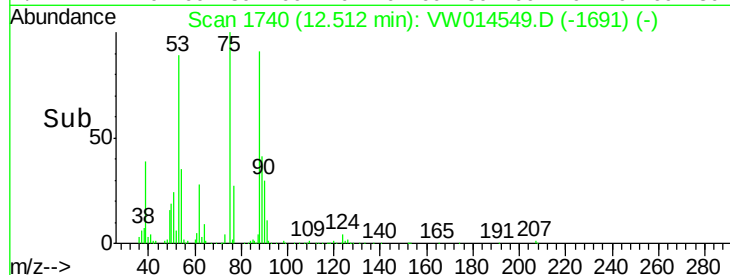
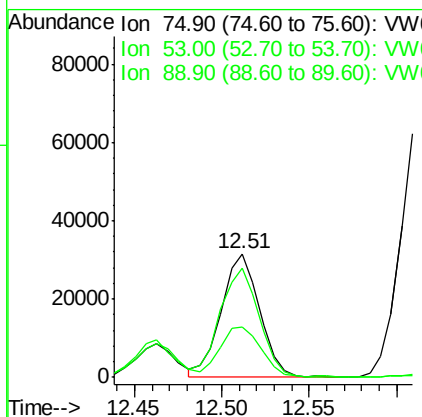
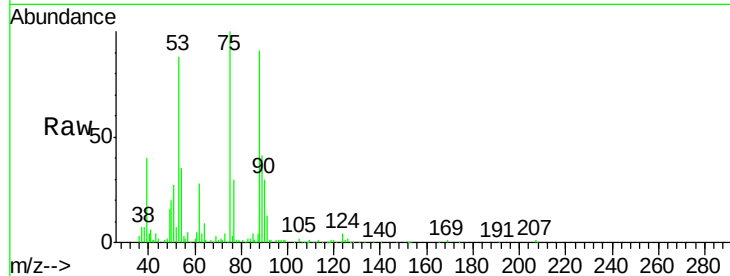
#81
trans-1,4-Dichloro-2-butene
Concen: 41.021 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	91.5	70.9	106.3
89	44.2	35.8	53.8

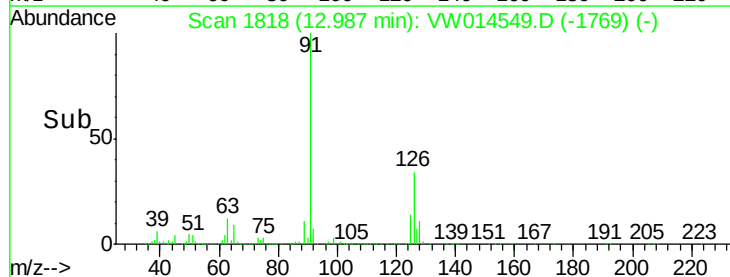
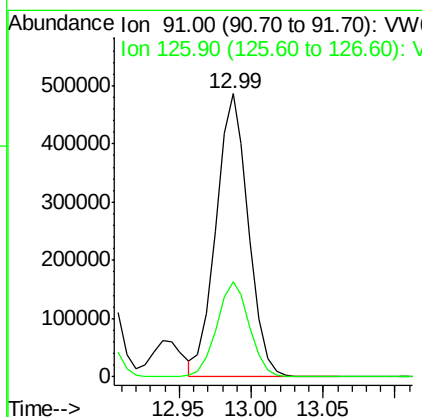
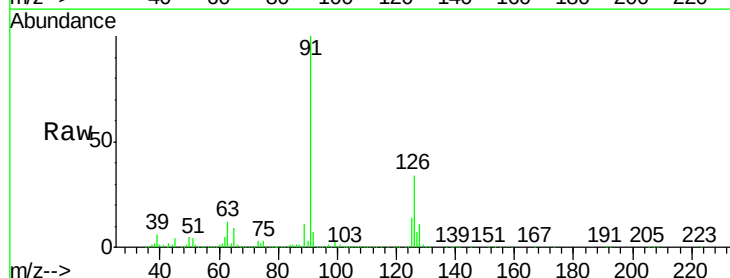
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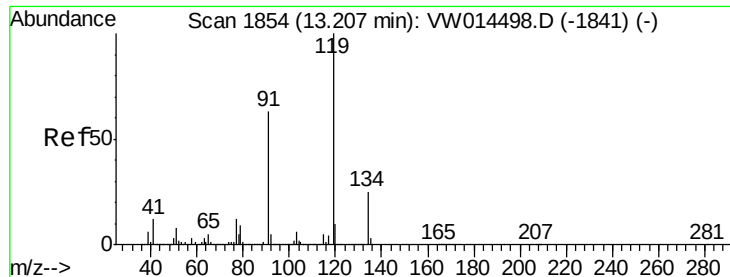
apatel
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#82
4-Chlorotoluene
Concen: 54.146 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.1	51.2





#83

tert-Butylbenzene

Concen: 59.051 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

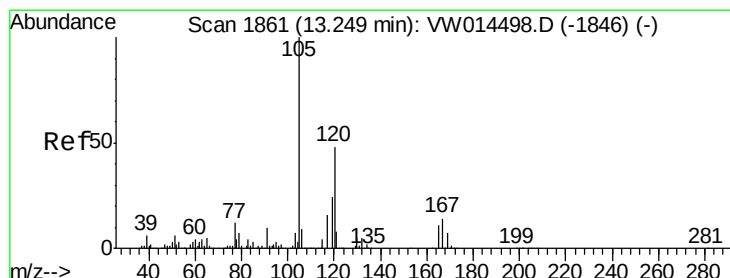
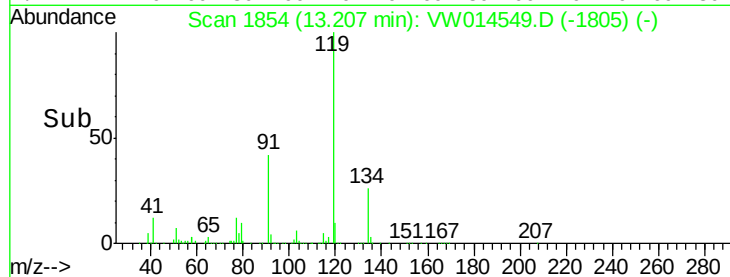
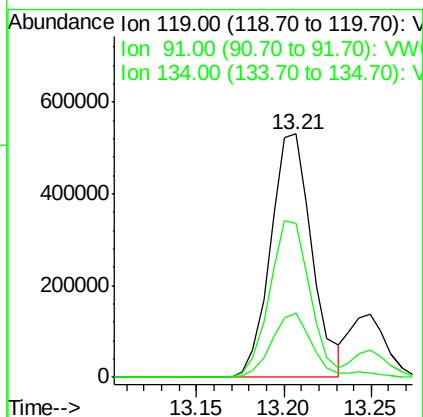
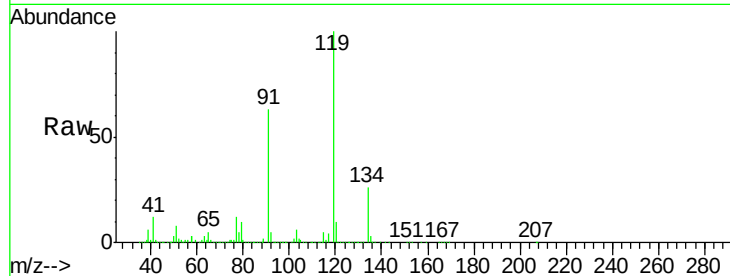
Instrument :
MSVOA_W

ClientSampled :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.0	31.1	93.3
134	27.1	13.5	40.5

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#84

1,2,4-Trimethylbenzene

Concen: 54.738 ug/l

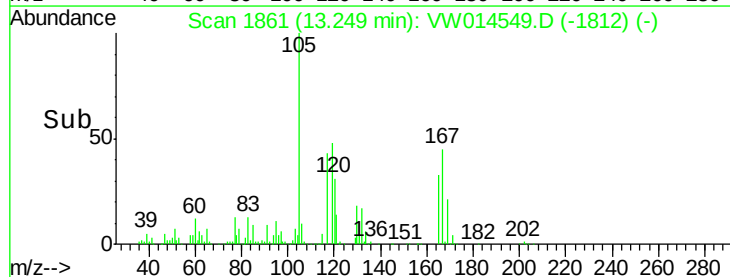
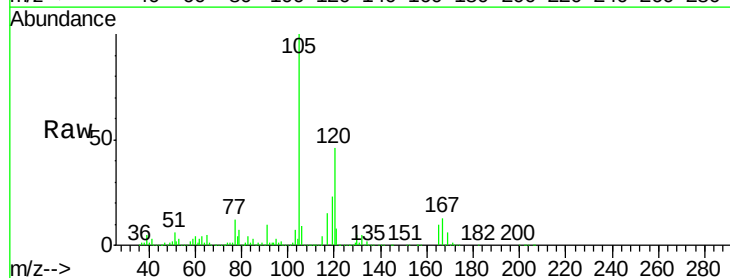
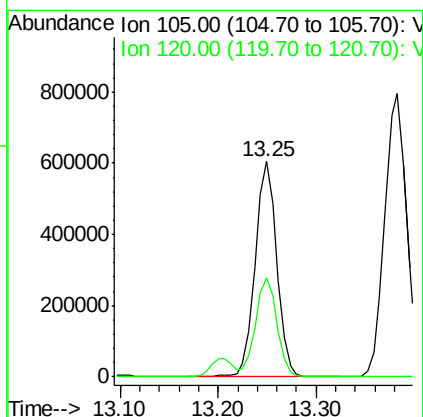
RT: 13.25 min Scan# 1861

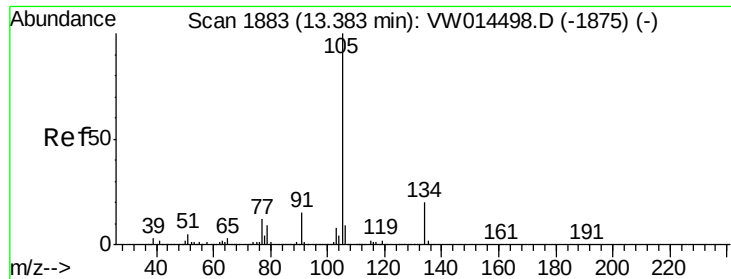
Delta R.T. -0.00 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.4	70.0





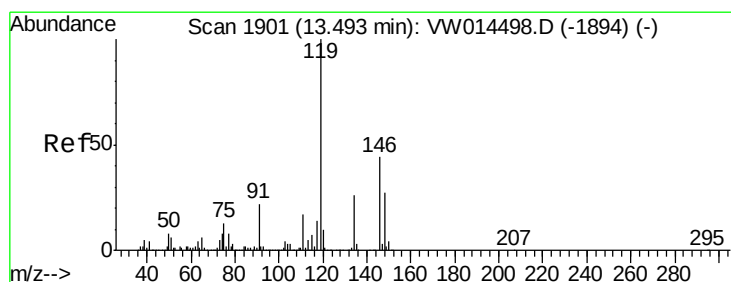
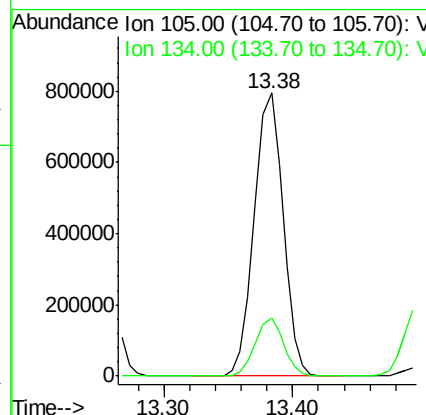
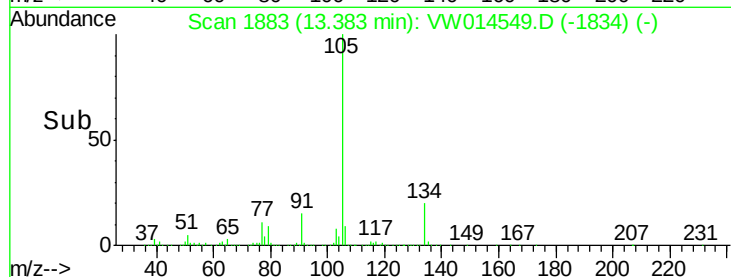
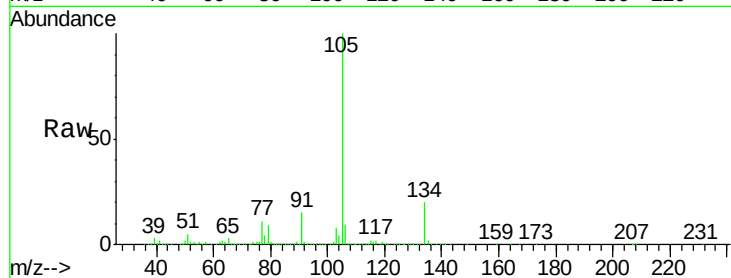
#85
 sec-Butylbenzene
 Concen: 60.138 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW014549.D
 Acq: 07 Jan 2020 16:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1232689
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.6

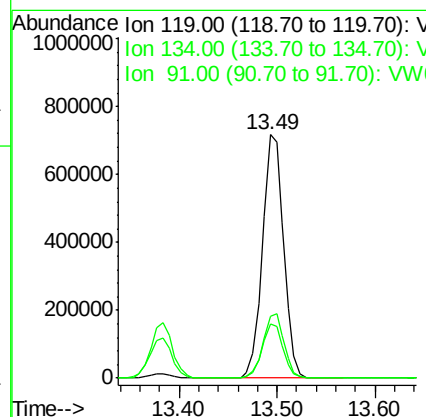
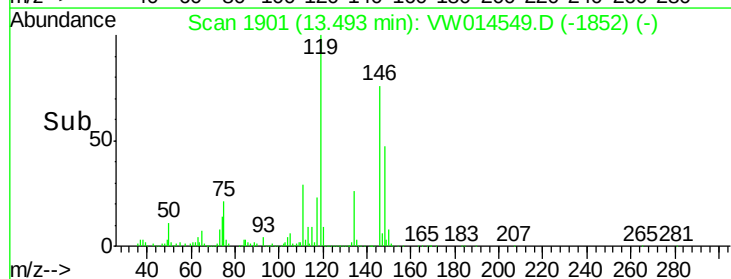
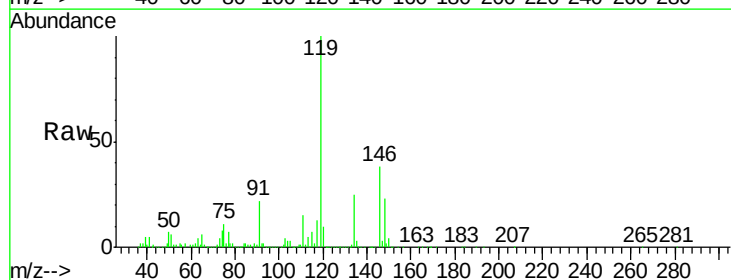
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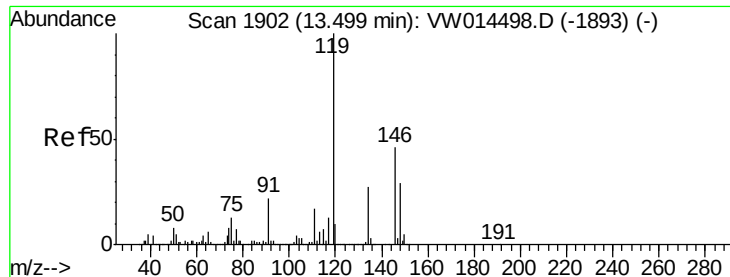
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#86
 p-Isopropyltoluene
 Concen: 57.800 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: VW014549.D
 Acq: 07 Jan 2020 16:55

Tgt Ion:119 Resp: 1079912
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 21.9 11.1 33.3





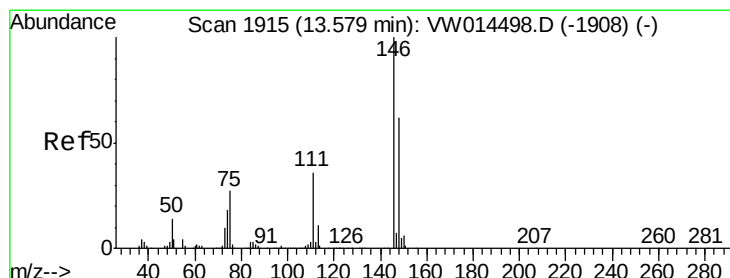
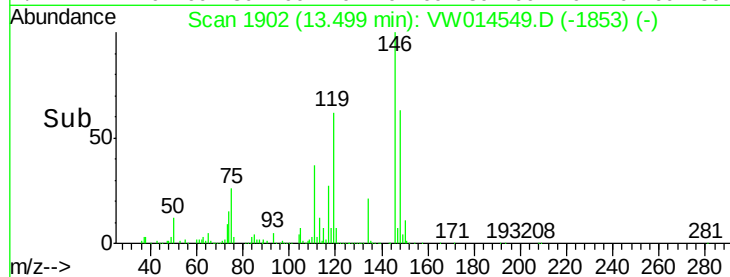
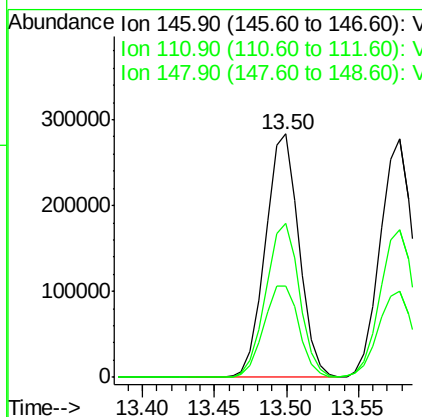
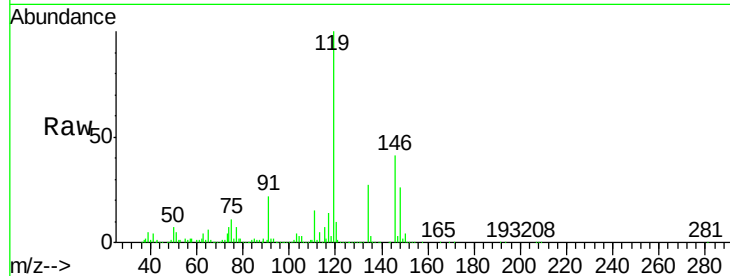
#87
 1,3-Dichlorobenzene
 Concen: 50.276 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW014549.D
 Acq: 07 Jan 2020 16:55

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.3	57.9
148	63.6	31.8	95.4

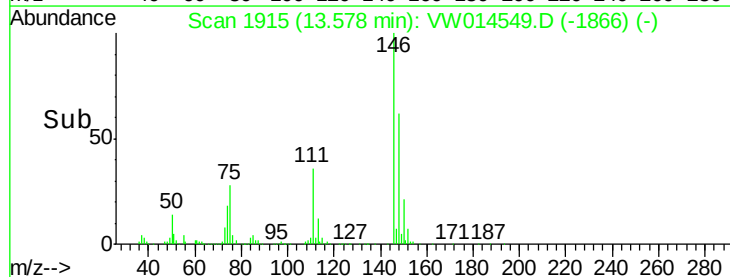
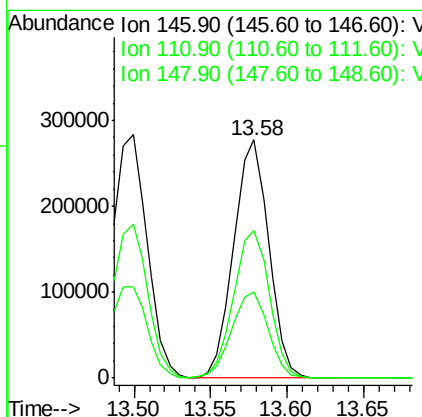
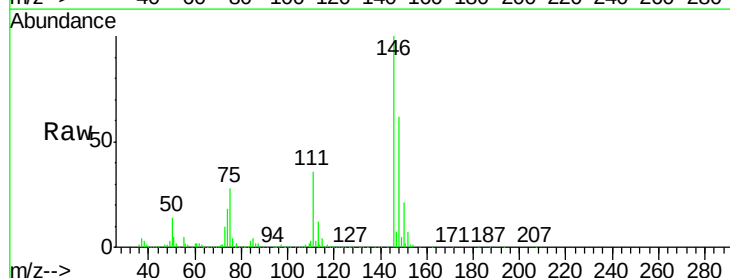
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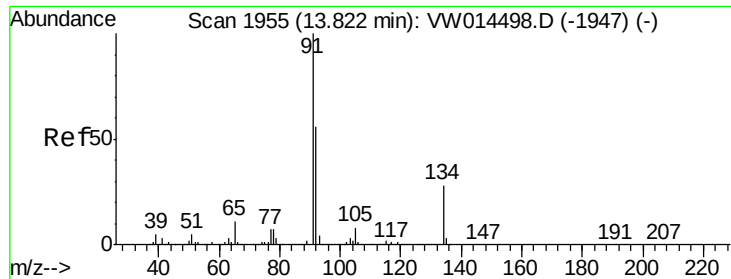
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#88
 1,4-Dichlorobenzene
 Concen: 49.055 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW014549.D
 Acq: 07 Jan 2020 16:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	63.4	31.7	95.1





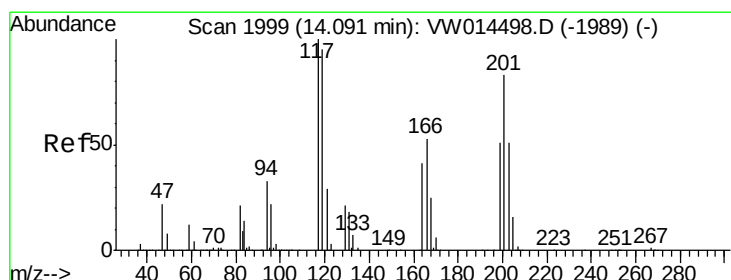
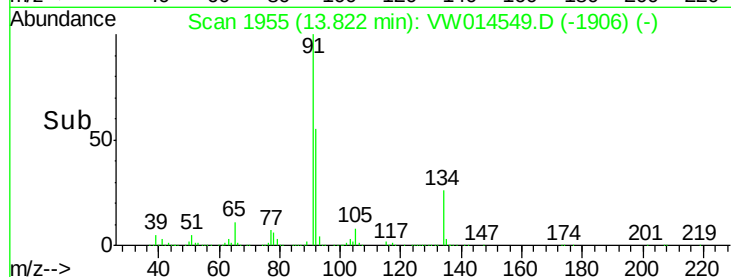
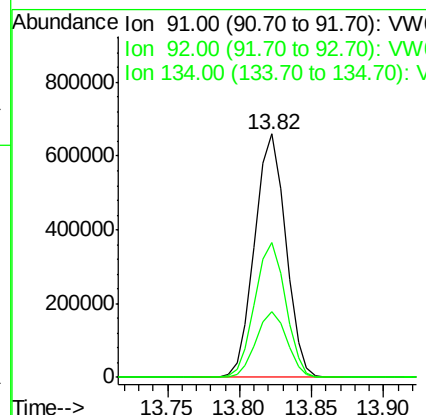
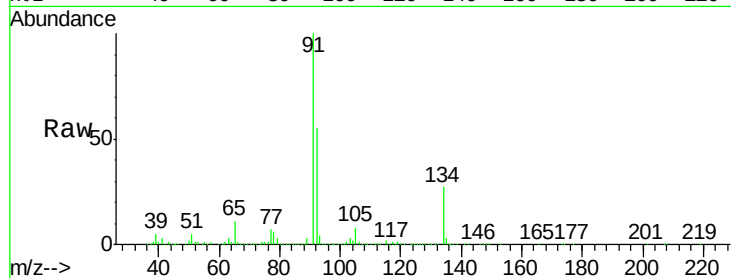
#89
n-Butylbenzene
Concen: 56.641 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.5	82.5
134	27.0	13.7	41.1

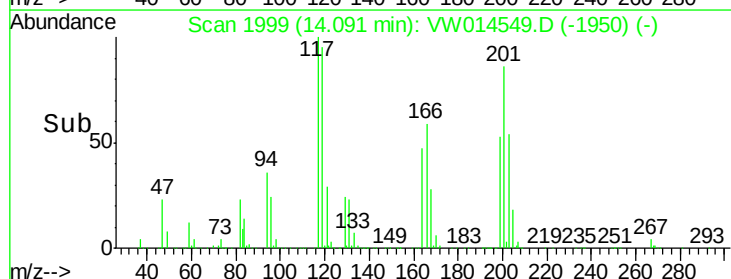
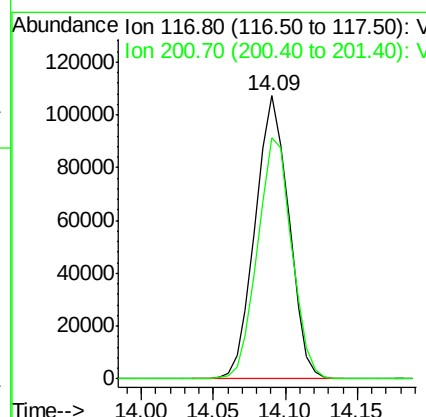
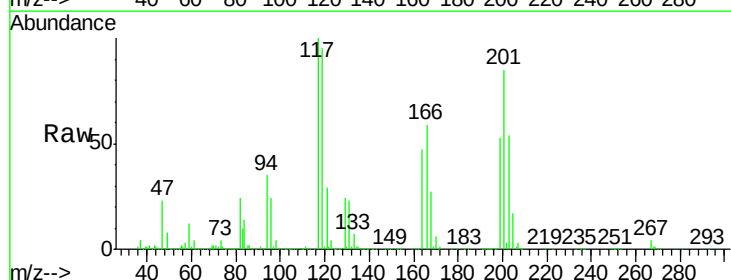
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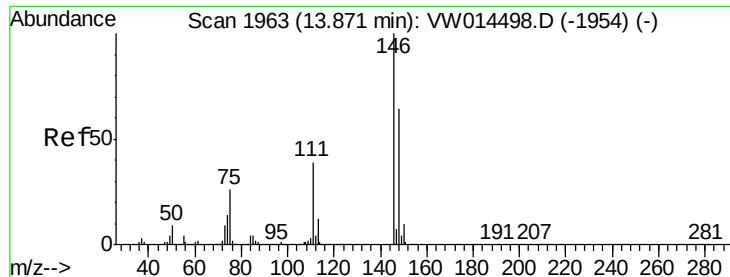
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#90
Hexachloroethane
Concen: 53.105 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.3	43.0	128.8





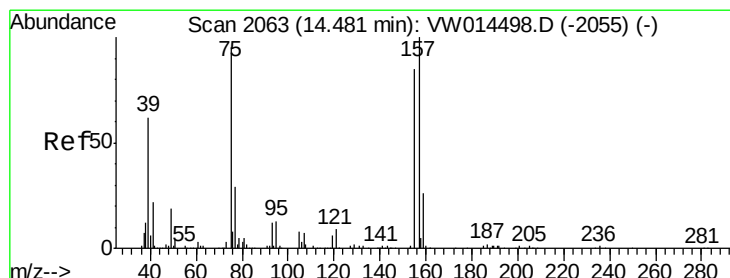
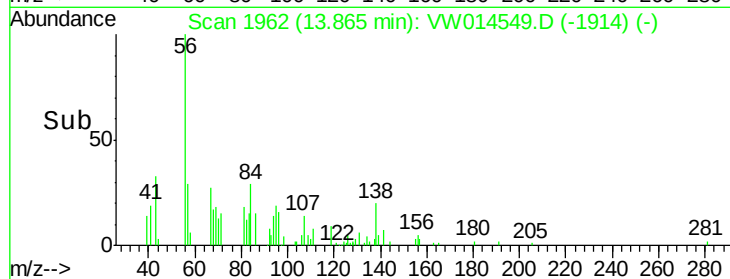
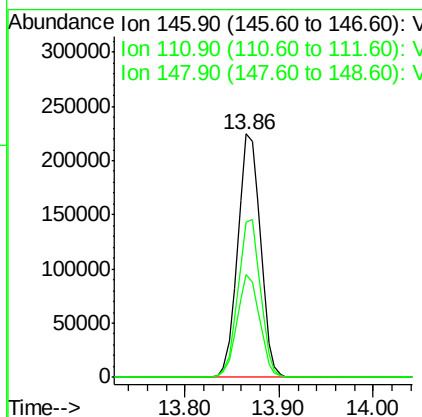
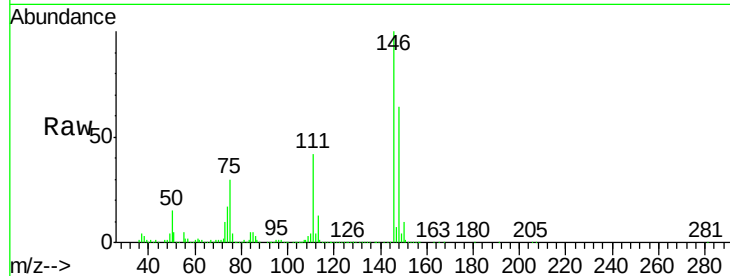
#91
 1,2-Dichlorobenzene
 Concen: 47.160 ug/l
 RT: 13.86 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014549.D
 Acq: 07 Jan 2020 16:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	377115		
111	41.6	20.4	61.3	
148	64.3	32.3	96.8	

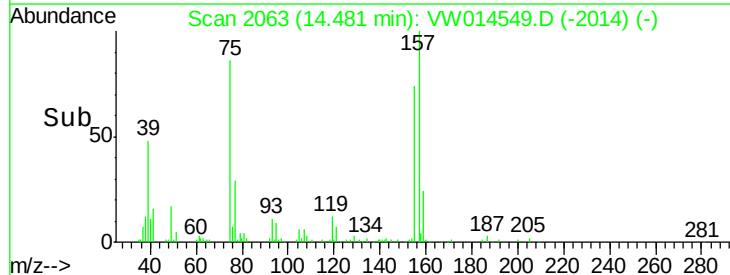
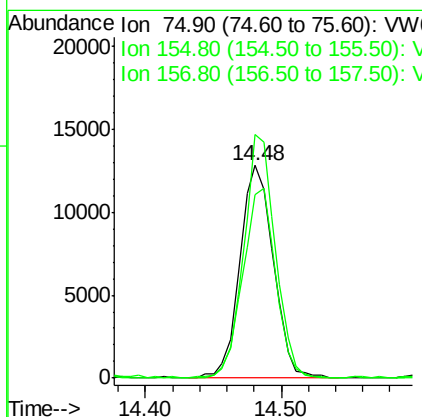
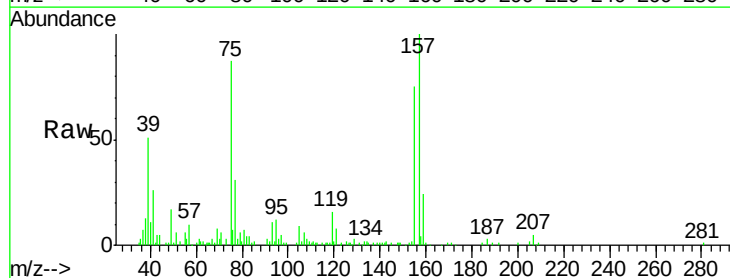
Manual Integrations
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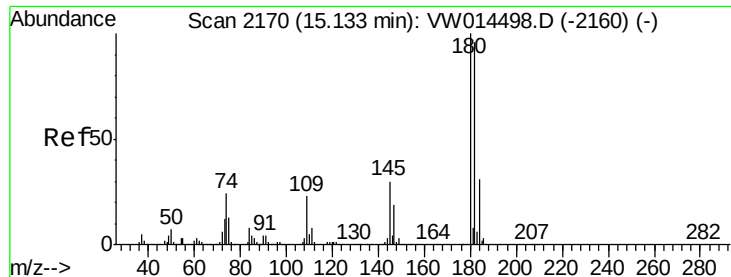
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 38.386 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014549.D
 Acq: 07 Jan 2020 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	22102		
155	87.4	45.8	137.4	
157	108.1	58.1	174.2	





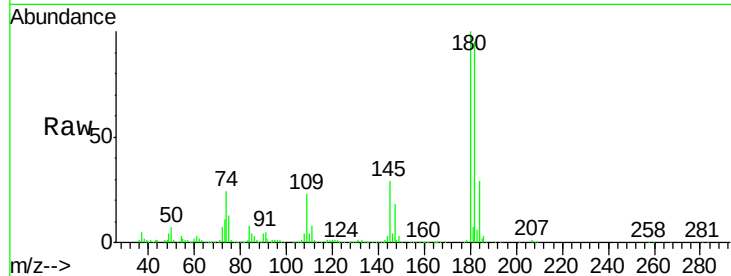
#93
1,2,4-Trichlorobenzene
Concen: 41.518 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

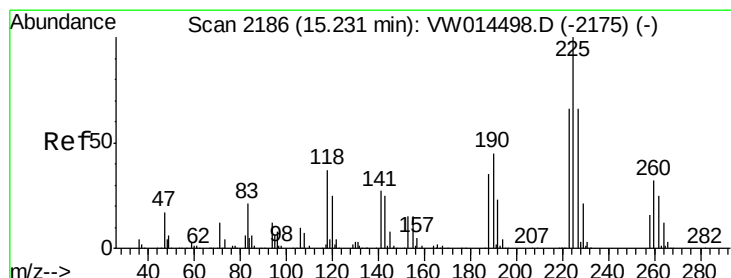
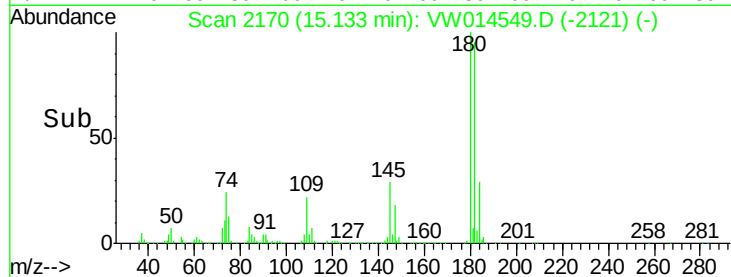
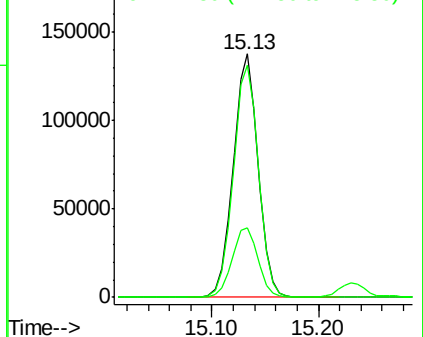
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	224197		
182	96.9	47.3	141.8	
145	29.9	14.7	44.1	

Manual Integrations
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1/8/2020 9:13:53 AM

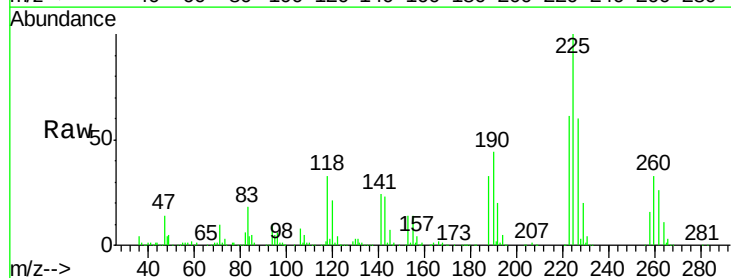


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

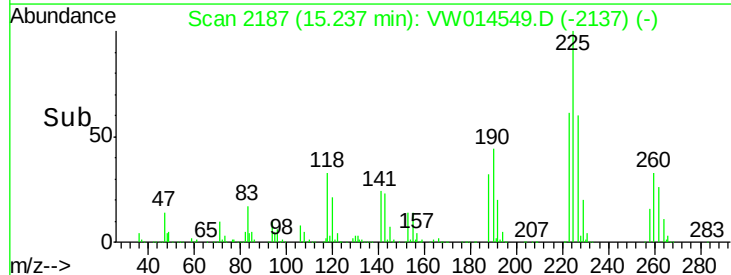
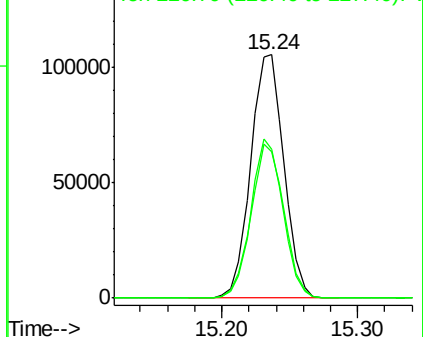


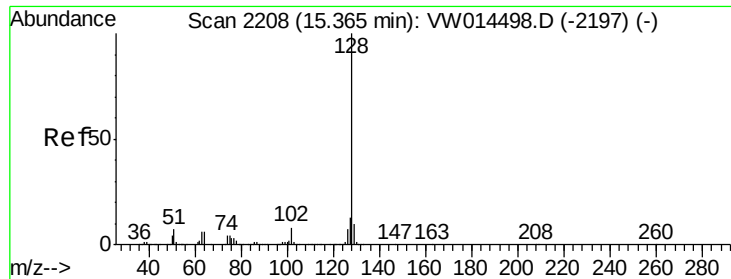
#94
Hexachlorobutadiene
Concen: 49.954 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.01 min
Lab File: VW014549.D
Acq: 07 Jan 2020 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	180772		
223	62.8	32.4	97.2	
227	62.9	32.6	97.8	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 36.395 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Instrument :

MSVOA_W

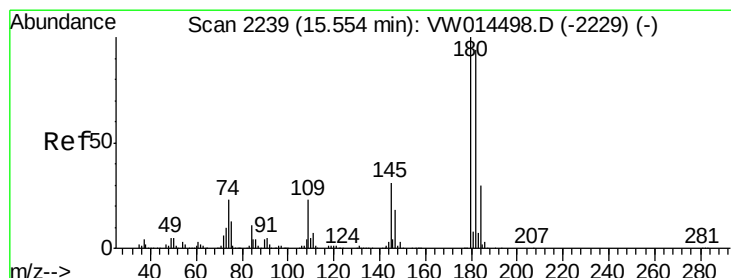
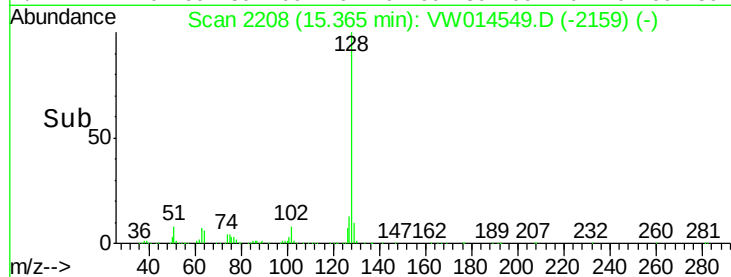
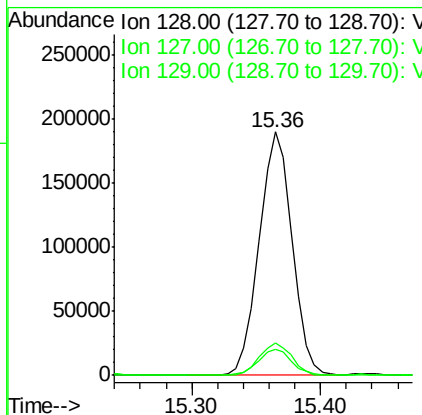
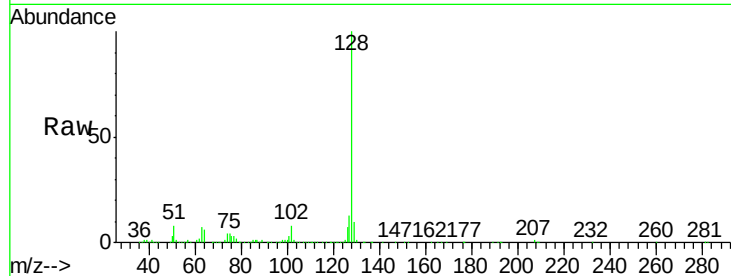
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	128	Resp:	335184
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	15.8
129	10.9	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 39.550 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW014549.D

Acq: 07 Jan 2020 16:55

Tgt Ion:	180	Resp:	186159
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.4	142.2
145	29.2	15.5	46.5

