

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014495.D
 Acq On : 03 Jan 2020 13:03
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
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apatel
 1/6/2020 10:42:50 AM

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	935958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1412234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1220414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	594639	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	42911	5.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.96%	
35) Dibromofluoromethane	7.88	113	42415	5.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.88%	
50) Toluene-d8	10.32	98	176052	5.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.06%	
62) 4-Bromofluorobenzene	12.62	95	62288	5.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.52%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	27107	5.349	ug/l 96
3) Chloromethane	2.21	50	37976	6.959	ug/l 99
4) Vinyl Chloride	2.36	62	50585	6.133	ug/l 94
5) Bromomethane	2.78	94	31158	5.788	ug/l 93
6) Chloroethane	2.92	64	27324	5.526	ug/l 98
7) Trichlorofluoromethane	3.26	101	22632	4.547	ug/l 92
8) Diethyl Ether	3.68	74	23544	5.637	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46201	5.596	ug/l 98
10) Methyl Iodide	4.27	142	66801	5.032	ug/l 100
11) Tert butyl alcohol	5.16	59	23586	50.210	ug/l # 81
12) 1,1-Dichloroethene	4.04	96	46680	5.461	ug/l 93
13) Acrolein	3.89	56	17857	33.765	ug/l 95
14) Allyl chloride	4.66	41	71579	5.439	ug/l 99
15) Acrylonitrile	5.36	53	52322	29.542	ug/l 98
16) Acetone	4.12	43	72113	44.343	ug/l 97
17) Carbon Disulfide	4.38	76	141675	5.727	ug/l 99
18) Methyl Acetate	4.66	43	29253	6.576	ug/l 96
19) Methyl tert-butyl Ether	5.42	73	58375	5.608	ug/l 98
20) Methylene Chloride	4.92	84	69870	7.290	ug/l 99
21) trans-1,2-Dichloroethene	5.42	96	50890	5.550	ug/l 92
22) Diisopropyl ether	6.31	45	133100	5.528	ug/l 93
23) Vinyl Acetate	6.25	43	376850	26.456	ug/l 99
24) 1,1-Dichloroethane	6.20	63	85956	5.652	ug/l 99
25) 2-Butanone	7.17	43	78105	33.519	ug/l 95
26) 2,2-Dichloropropane	7.16	77	56151	6.438	ug/l 93
27) cis-1,2-Dichloroethene	7.17	96	52183	5.367	ug/l 94
28) Bromochloromethane	7.51	49	35474	6.954	ug/l 100
29) Tetrahydrofuran	7.52	42	46298	32.056	ug/l 96
30) Chloroform	7.67	83	79753	5.340	ug/l 98
31) Cyclohexane	7.95	56	98862	6.217	ug/l # 84
32) 1,1,1-Trichloroethane	7.87	97	63344	5.385	ug/l 96
36) 1,1-Dichloropropene	8.08	75	69307	5.233	ug/l 99
37) Ethyl Acetate	7.25	43	30642	5.707	ug/l 96
38) Carbon Tetrachloride	8.06	117	59230	4.997	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.33	83	86410	5.076	ug/l	93
40) Benzene	8.32	78	198006	5.290	ug/l	100
41) Methacrylonitrile	7.48	41	15244	4.641	ug/l #	95
42) 1,2-Dichloroethane	8.40	62	50861	5.348	ug/l	100
43) Isopropyl Acetate	8.42	43	54223	5.383	ug/l	98
44) Trichloroethene	9.09	130	53415	5.042	ug/l	91
45) 1,2-Dichloropropane	9.37	63	47222	5.257	ug/l	96
46) Dibromomethane	9.45	93	23629	5.362	ug/l	98
47) Bromodichloromethane	9.64	83	55905	4.972	ug/l	100
48) Methyl methacrylate	9.43	41	25978	5.223	ug/l	96
49) 1,4-Dioxane	9.44	88	8129	115.866	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	141119	27.738	ug/l	98
52) Toluene	10.38	92	121165	5.039	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	55166	4.813	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	69198	4.912	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	34739	5.295	ug/l	97
56) Ethyl methacrylate	10.64	69	37918	4.557	ug/l	97
57) 1,3-Dichloropropane	10.93	76	59586	5.292	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	60765	17.111	ug/l	97
59) 2-Hexanone	10.97	43	91149	26.035	ug/l	99
60) Dibromochloromethane	11.13	129	37099	4.826	ug/l	98
61) 1,2-Dibromoethane	11.23	107	31691	5.099	ug/l	100
64) Tetrachloroethene	10.86	164	45693	4.946	ug/l	96
65) Chlorobenzene	11.65	112	126399	5.042	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	41500	4.765	ug/l	99
67) Ethyl Benzene	11.73	91	223204	4.940	ug/l	97
68) m/p-Xylenes	11.84	106	169035	9.692	ug/l	100
69) o-Xylene	12.16	106	77441	4.830	ug/l	98
70) Styrene	12.18	104	126810	4.614	ug/l	100
71) Bromoform	12.35	173	21836	4.707	ug/l #	100
73) Isopropylbenzene	12.46	105	213308	4.987	ug/l	98
74) N-amyl acetate	12.27	43	44046	5.093	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	40323	5.743	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30038m	6.483	ug/l	
77) Bromobenzene	12.74	156	50010	4.910	ug/l	99
78) n-propylbenzene	12.80	91	250899	5.058	ug/l	100
79) 2-Chlorotoluene	12.89	91	146909	5.264	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	177700	4.938	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	10943	4.655	ug/l	85
82) 4-Chlorotoluene	12.99	91	153227	5.248	ug/l	99
83) tert-Butylbenzene	13.21	119	157207	4.925	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	180575	5.078	ug/l	98
85) sec-Butylbenzene	13.38	105	217424	4.971	ug/l	100
86) p-Isopropyltoluene	13.49	119	197015	4.851	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	100482	5.101	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	99603	5.080	ug/l	95
89) n-Butylbenzene	13.82	91	180907	4.911	ug/l	99
90) Hexachloroethane	14.09	117	34983	4.961	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	88191	5.144	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6342	5.881	ug/l	86

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MSVOA_W
ClientSampleId :
VSTDICC005

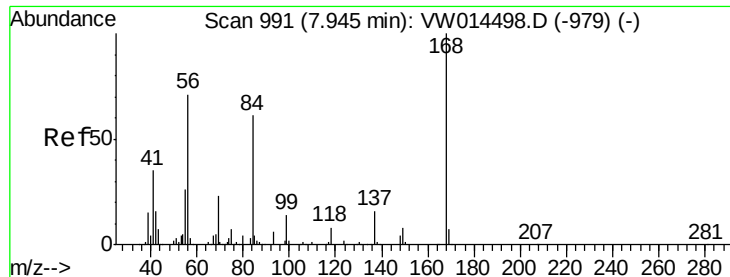
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	51850	4.181	ug/l	99
94) Hexachlorobutadiene	15.23	225	38799	4.663	ug/l	98
95) Naphthalene	15.36	128	75888	3.802	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	45866	4.277	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 935958

Ion Ratio Lower Upper

168 100

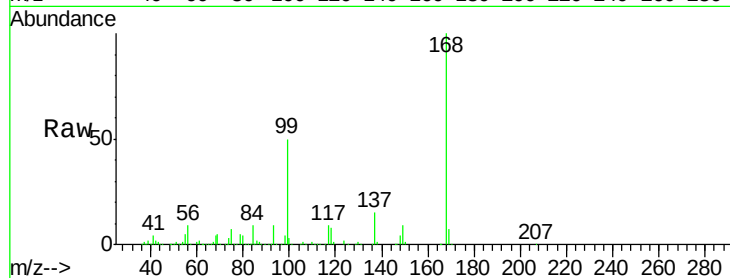
99 49.8 41.1 61.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

400000

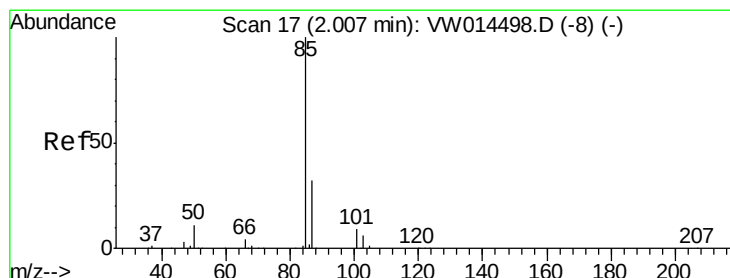
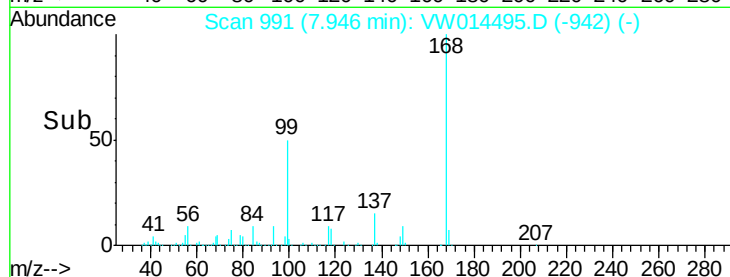
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 5.349 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW014495.D

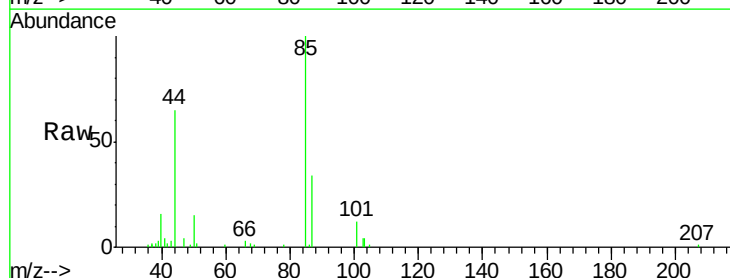
Acq: 03 Jan 2020 13:03

Tgt Ion: 85 Resp: 27107

Ion Ratio Lower Upper

85 100

87 34.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

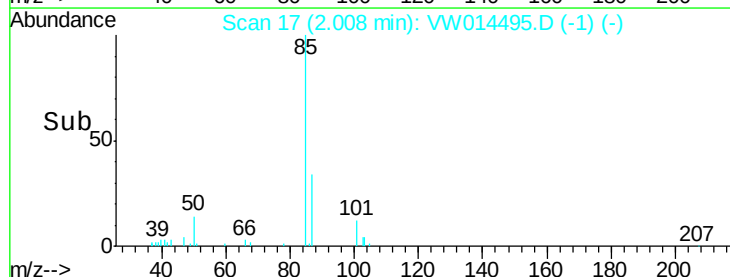
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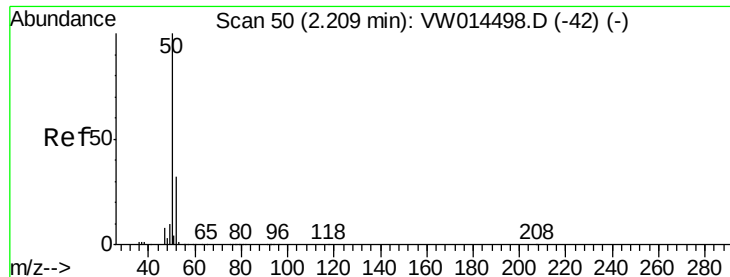
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 6.959 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion: 50 Resp: 37976

Ion Ratio Lower Upper

50 100

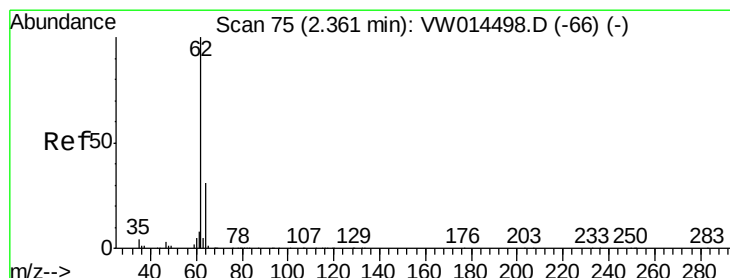
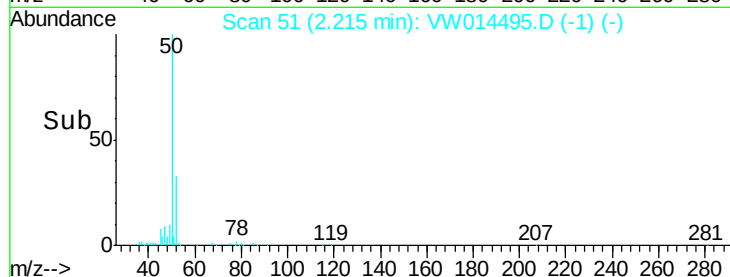
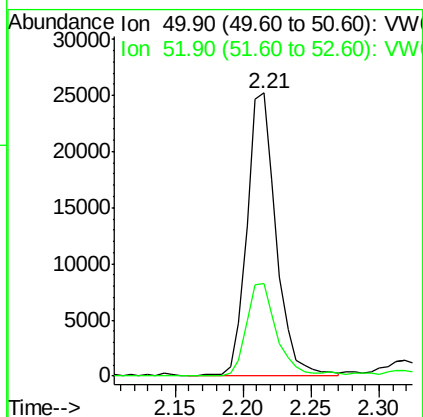
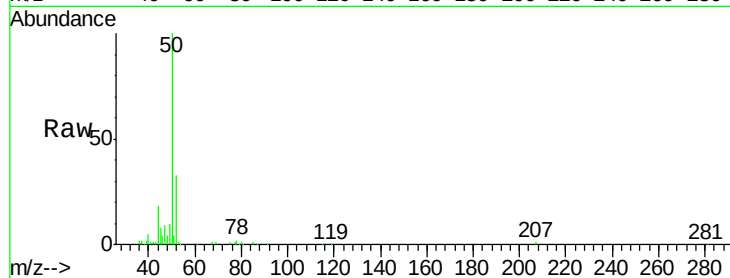
52 32.8 25.8 38.8

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#4

Vinyl Chloride

Concen: 6.133 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW014495.D

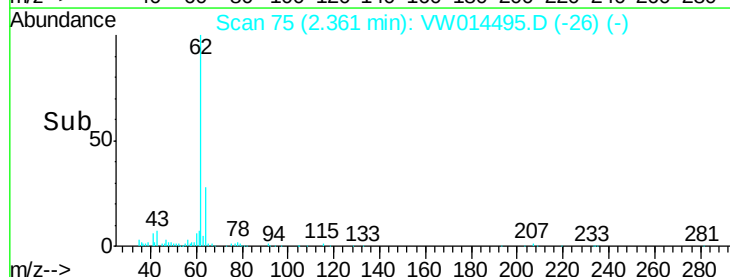
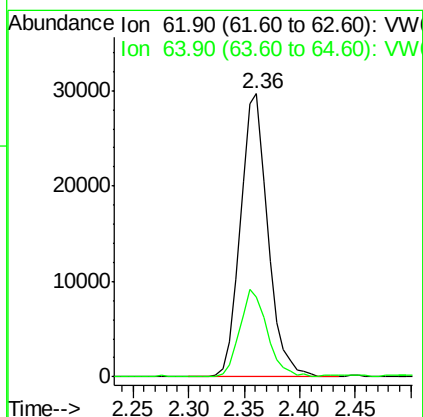
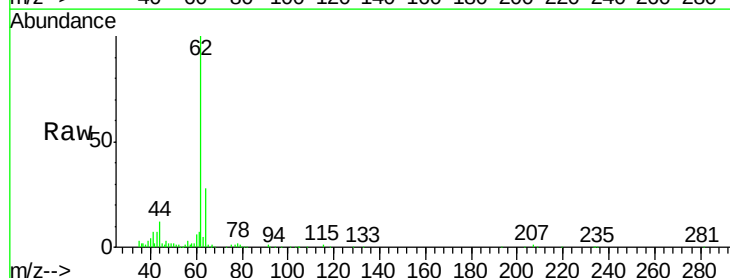
Acq: 03 Jan 2020 13:03

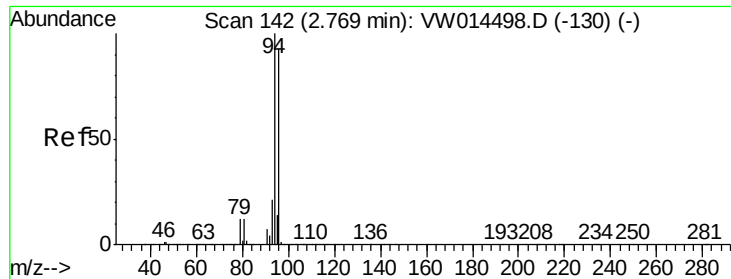
Tgt Ion: 62 Resp: 50585

Ion Ratio Lower Upper

62 100

64 28.1 25.0 37.4





#5

Bromomethane

Concen: 5.788 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion: 94 Resp: 31158

Ion Ratio Lower Upper

94 100

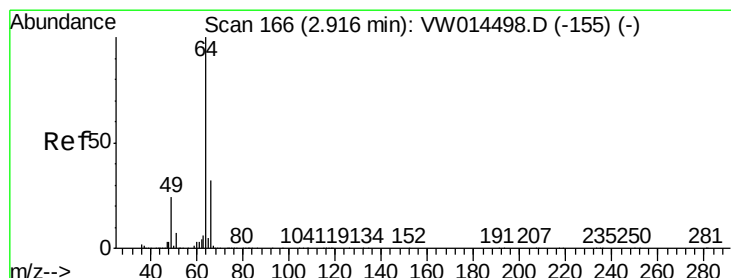
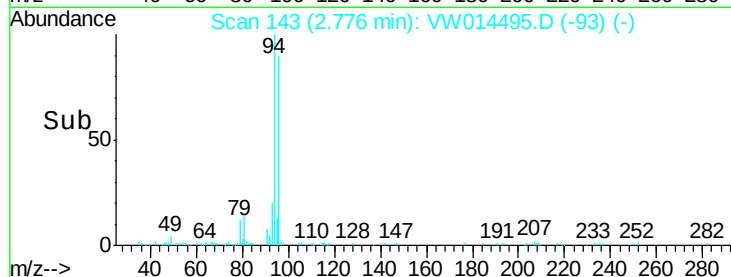
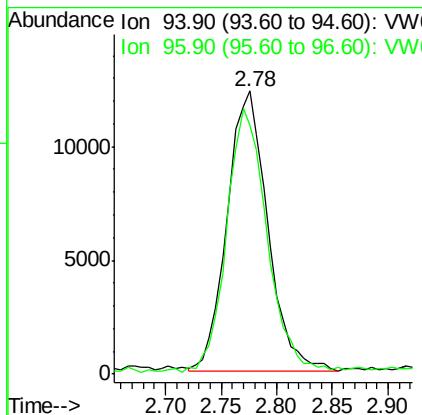
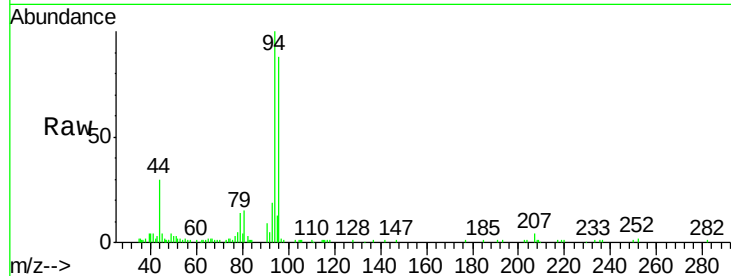
96 86.4 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 5.526 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW014495.D

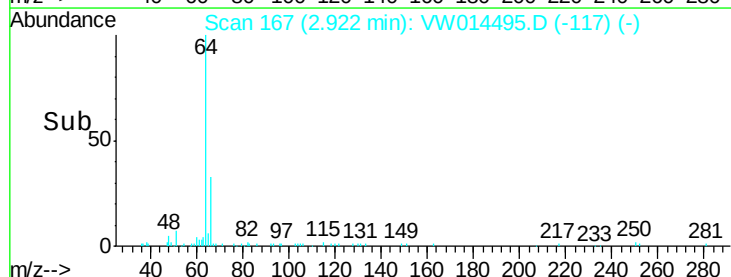
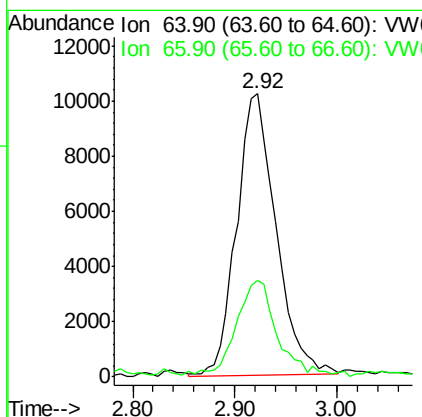
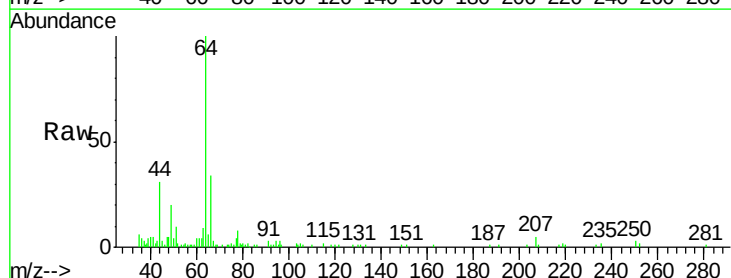
Acq: 03 Jan 2020 13:03

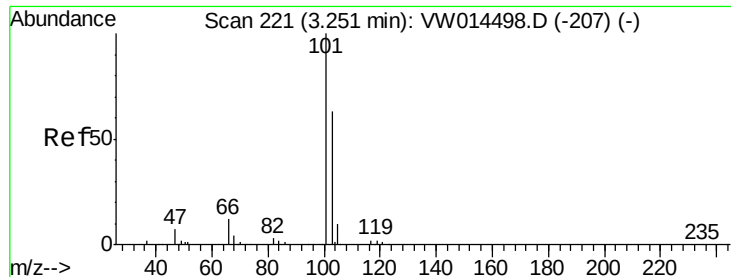
Tgt Ion: 64 Resp: 27324

Ion Ratio Lower Upper

64 100

66 33.2 25.7 38.5





#7

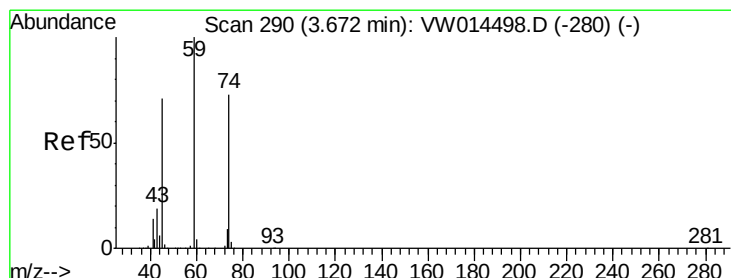
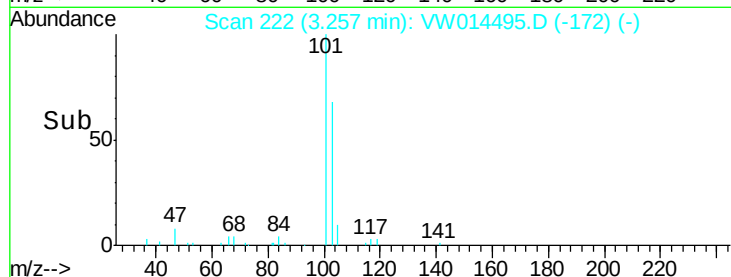
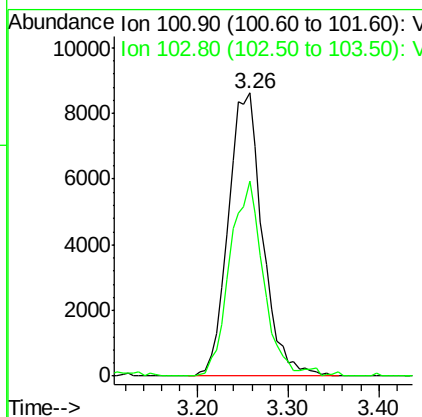
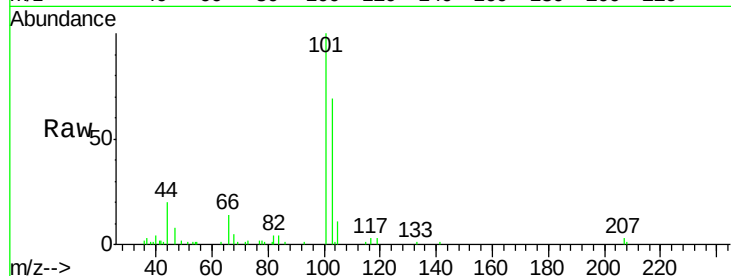
Trichlorofluoromethane
 Concen: 4.547 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VW014495.D
 Acq: 03 Jan 2020 13:03

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 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.9	50.1	75.1

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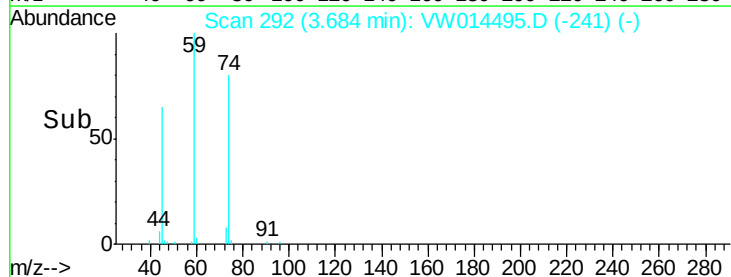
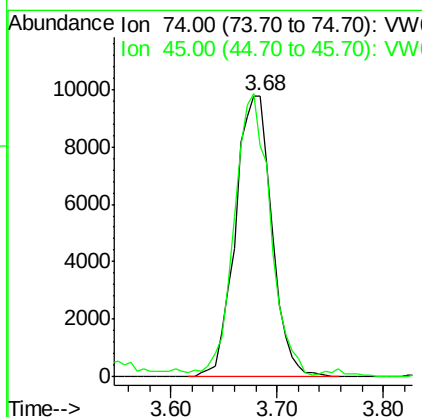
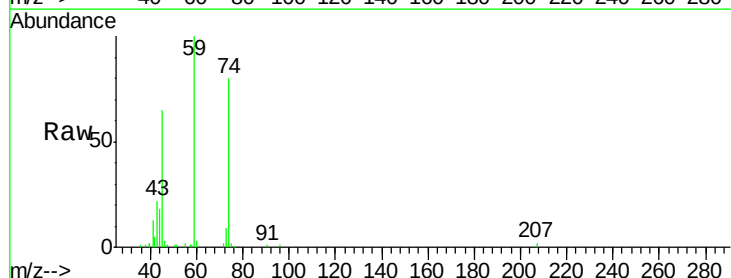
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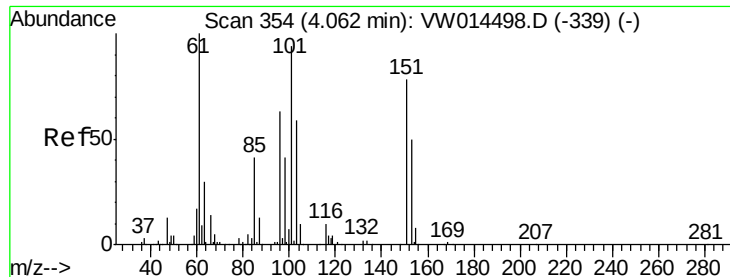


#8

Diethyl Ether
 Concen: 5.637 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW014495.D
 Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.2	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.596 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

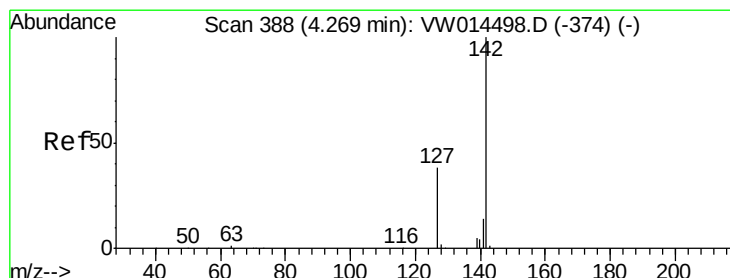
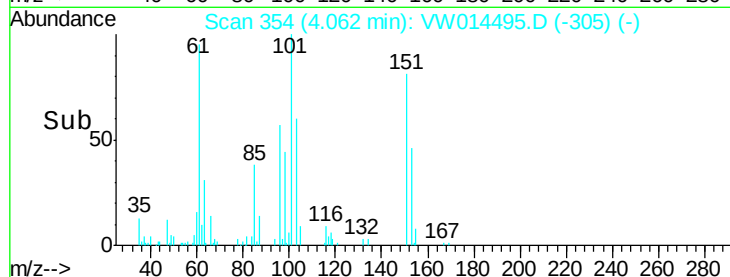
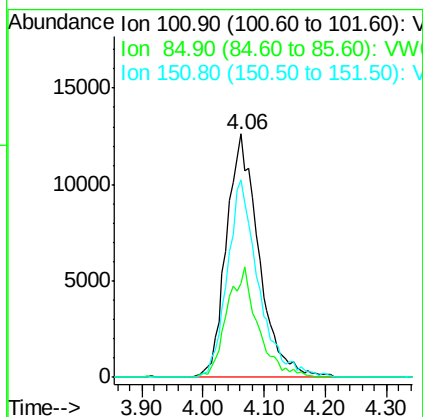
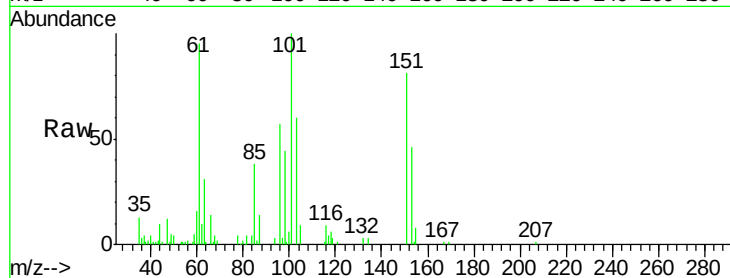
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	46201
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.7	50.5
151	78.0	63.5	95.3

Manual Integrations
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#10

Methyl Iodide

Concen: 5.032 ug/l

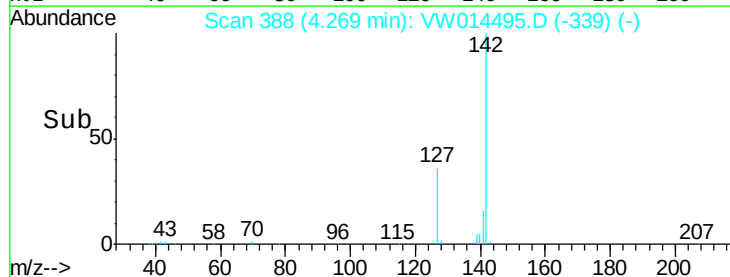
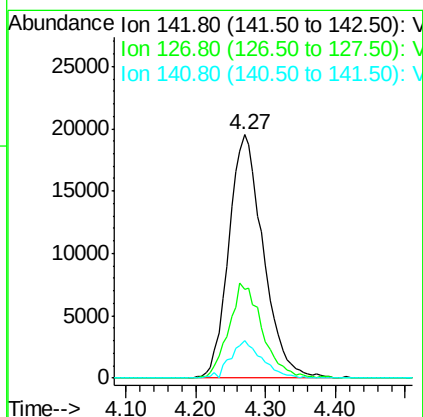
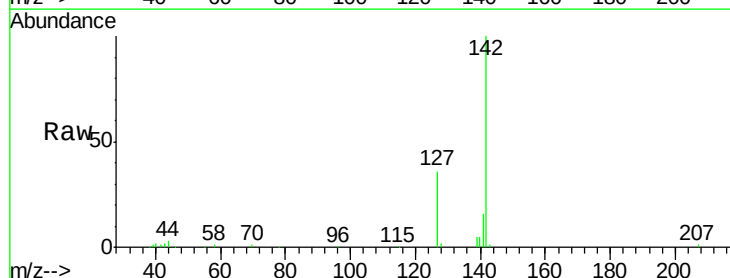
RT: 4.27 min Scan# 388

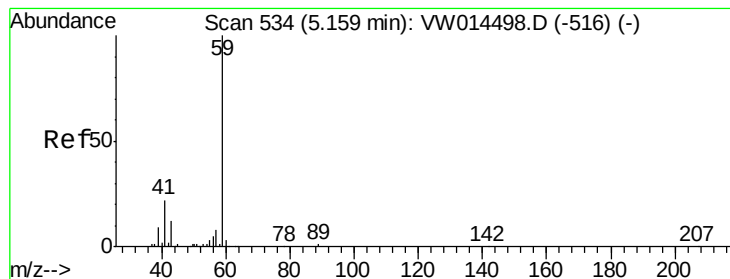
Delta R.T. 0.00 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Tgt Ion:	142	Resp:	66801
Ion Ratio	Lower	Upper	
142	100		
127	37.8	30.2	45.4
141	14.3	11.4	17.2





#11

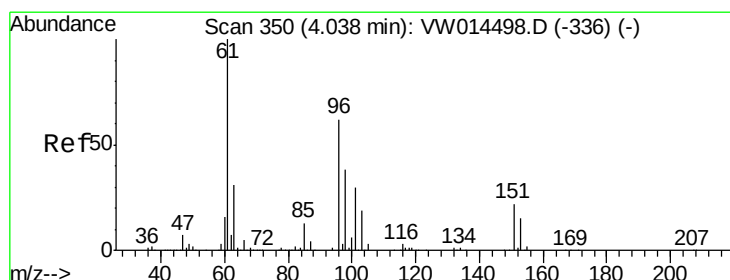
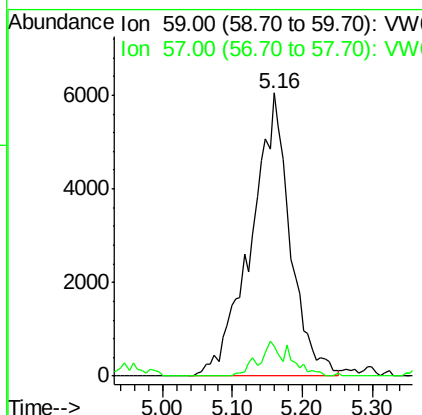
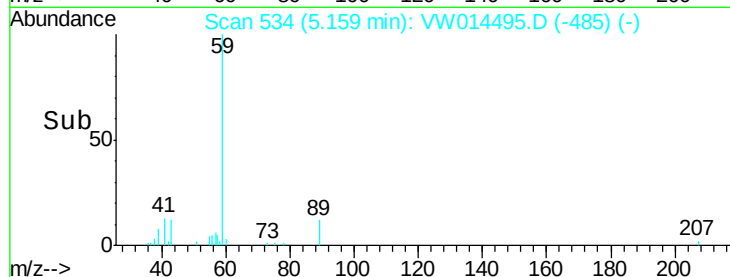
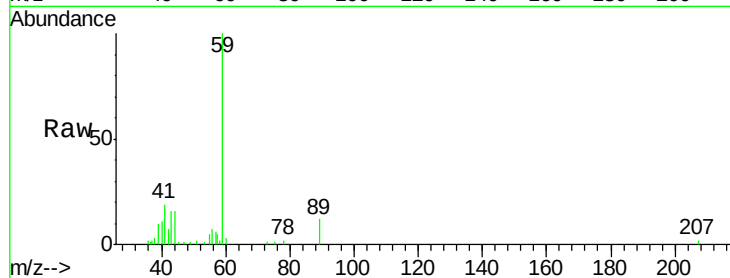
Tert butyl alcohol
 Concen: 50.210 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VW014495.D
 Acq: 03 Jan 2020 13:03

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	2.8	7.8	11.8#

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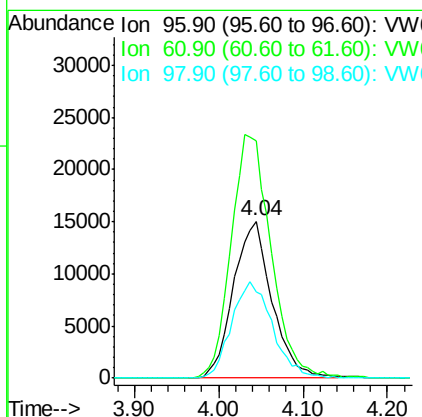
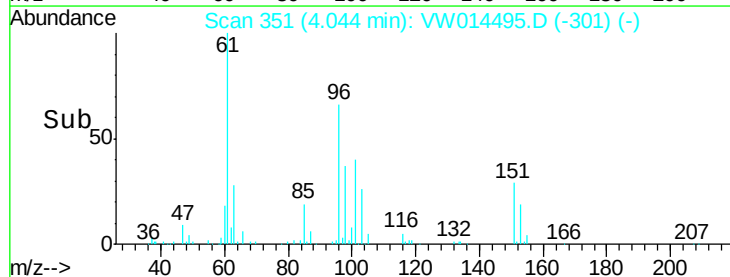
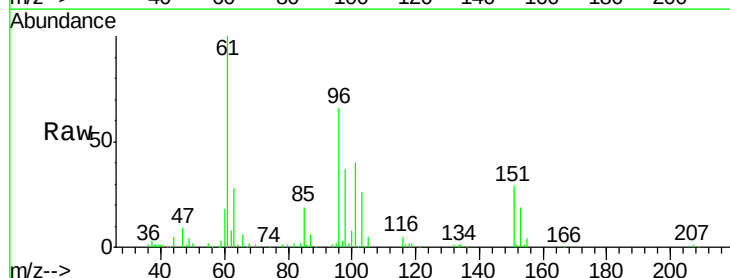
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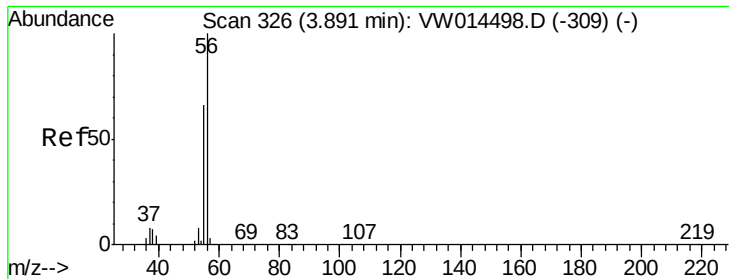


#12

1,1-Dichloroethene
 Concen: 5.461 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW014495.D
 Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.6	128.4	192.6
98	55.4	49.1	73.7





#13

Acrolein

Concen: 33.765 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 17857

Ion Ratio Lower Upper

56 100

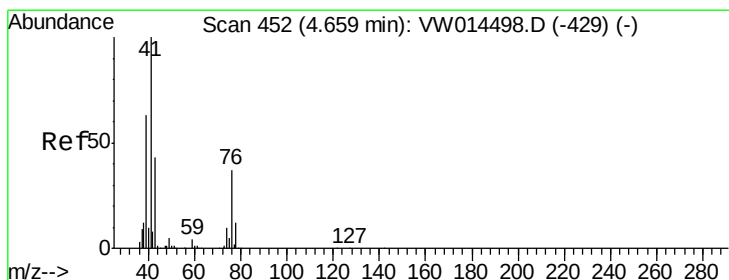
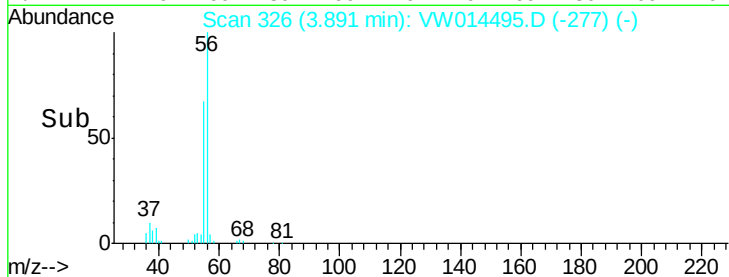
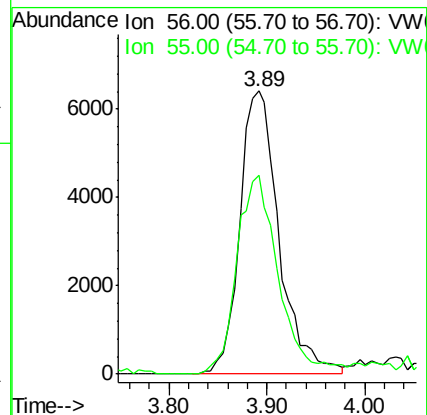
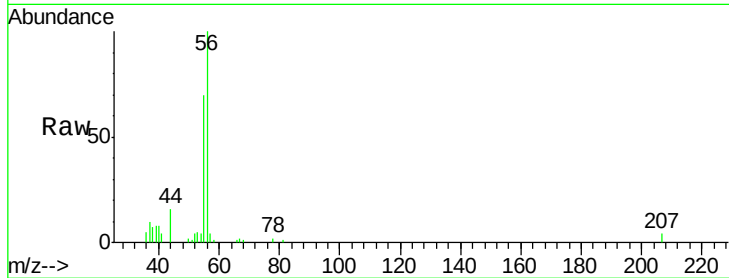
55 74.6 56.7 85.1

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#14

Allyl chloride

Concen: 5.439 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

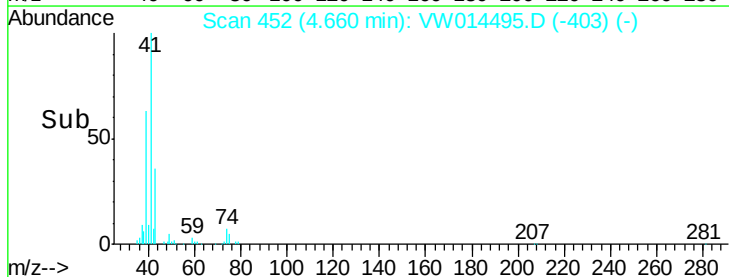
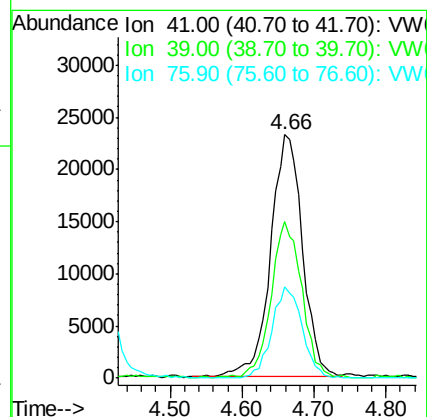
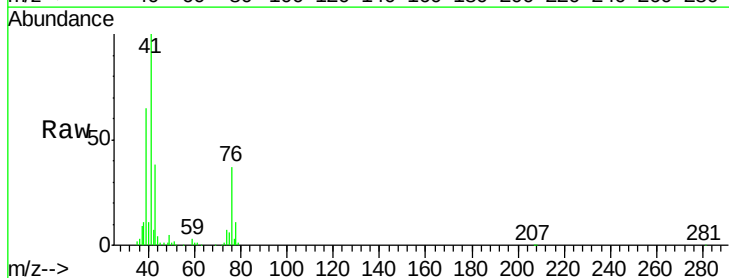
Tgt Ion: 41 Resp: 71579

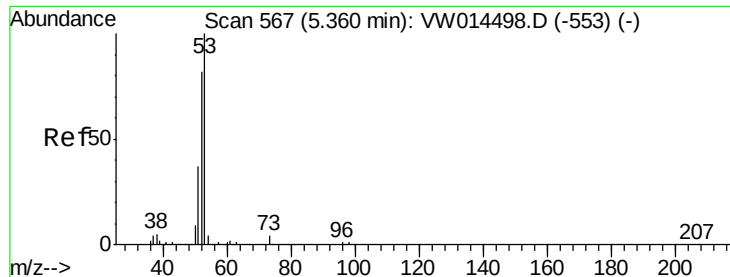
Ion Ratio Lower Upper

41 100

39 61.3 48.5 72.7

76 35.4 28.1 42.1





#15

Acrylonitrile

Concen: 29.542 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

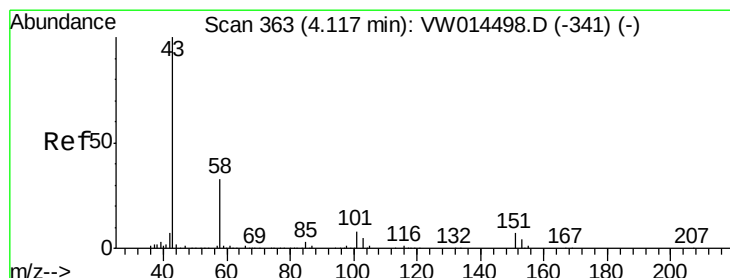
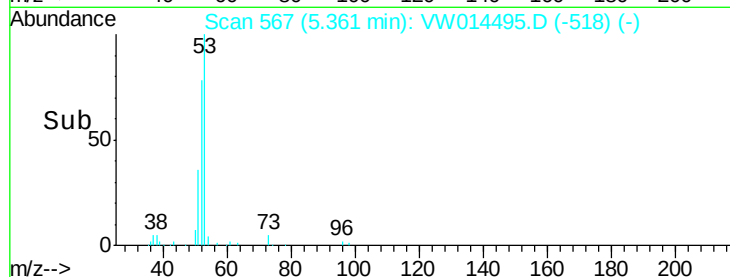
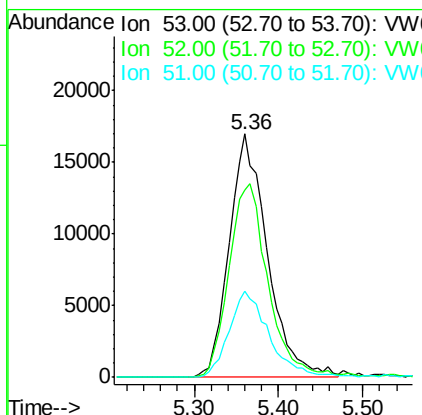
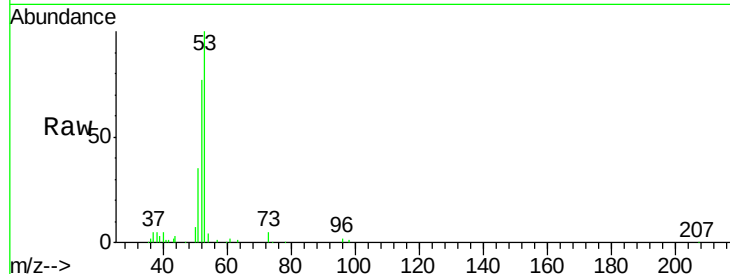
ClientSampled :

VSTDIC005

Tot Ion:	53	Resp:	52322
Ion Ratio	Lower	Upper	
53	100		
52	81.0	66.5	99.7
51	37.2	28.4	42.6

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#16

Acetone

Concen: 44.343 ug/l

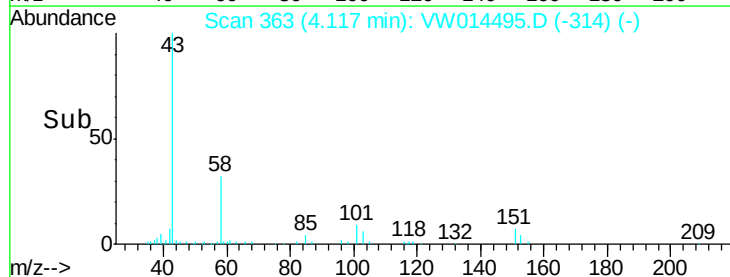
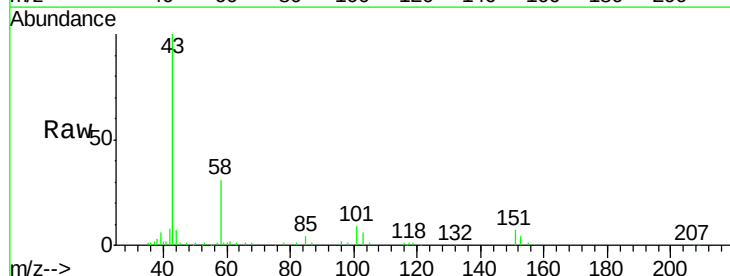
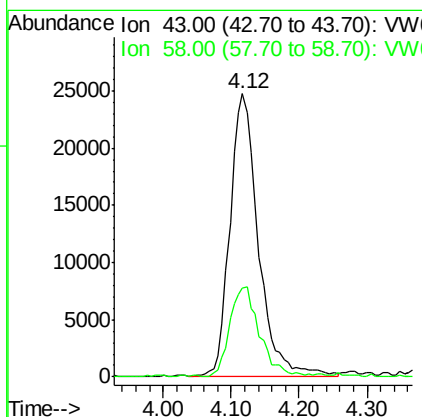
RT: 4.12 min Scan# 363

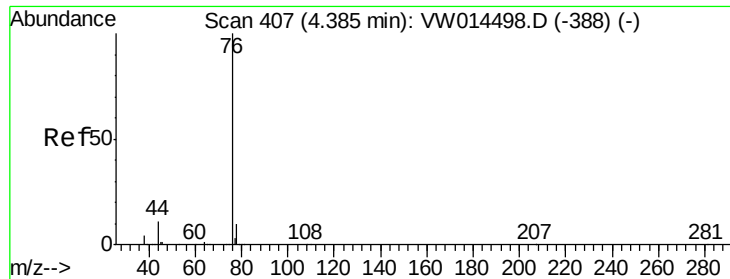
Delta R.T. 0.00 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Tgt Ion:	43	Resp:	72113
Ion Ratio	Lower	Upper	
43	100		
58	31.3	26.6	39.8





#17

Carbon Disulfide

Concen: 5.727 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 141675

Ion Ratio Lower Upper

76 100

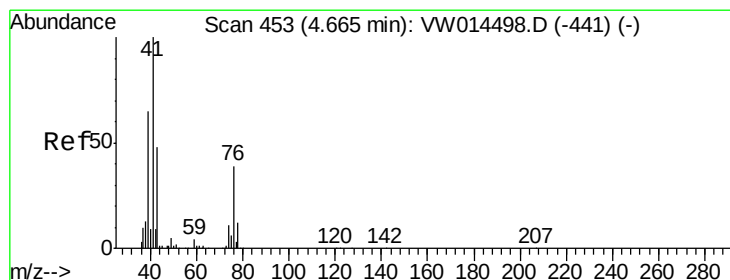
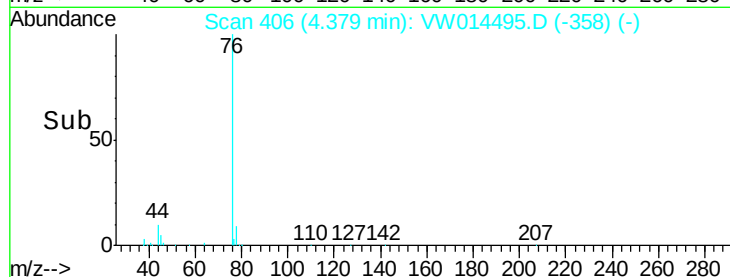
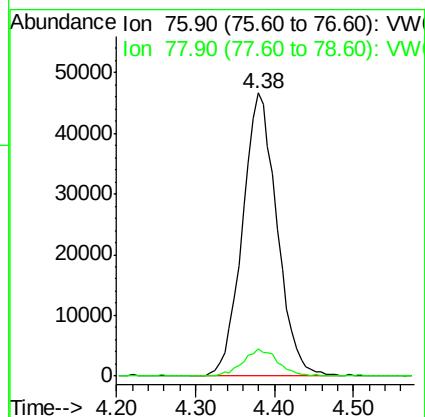
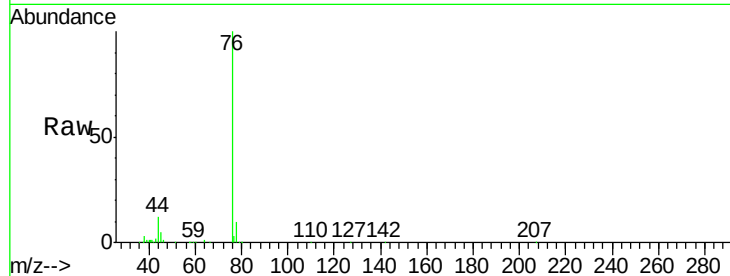
78 9.4 7.8 11.6

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#18

Methyl Acetate

Concen: 6.576 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW014495.D

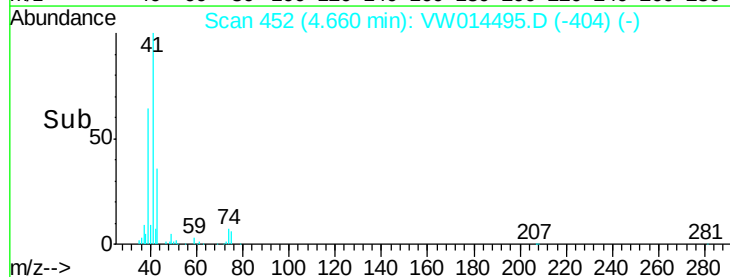
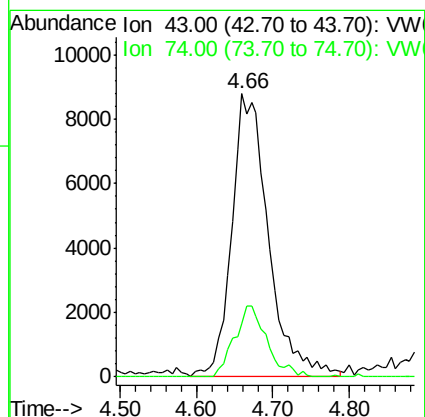
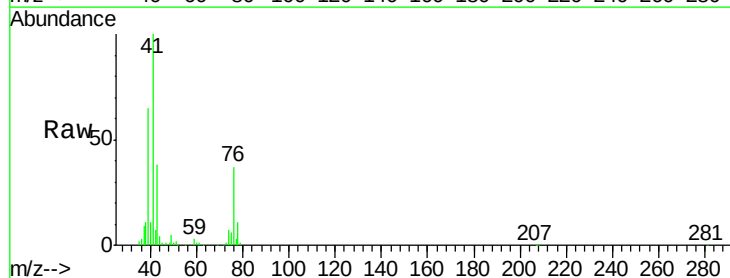
Acq: 03 Jan 2020 13:03

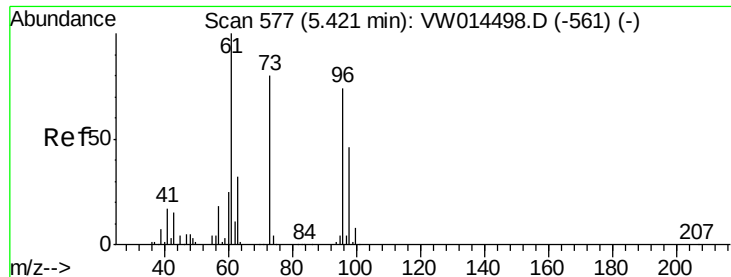
Tgt Ion: 43 Resp: 29253

Ion Ratio Lower Upper

43 100

74 22.0 19.3 28.9





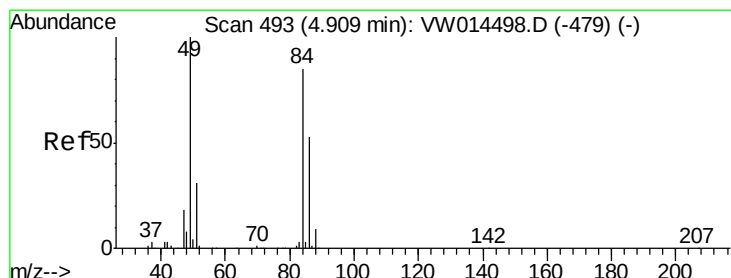
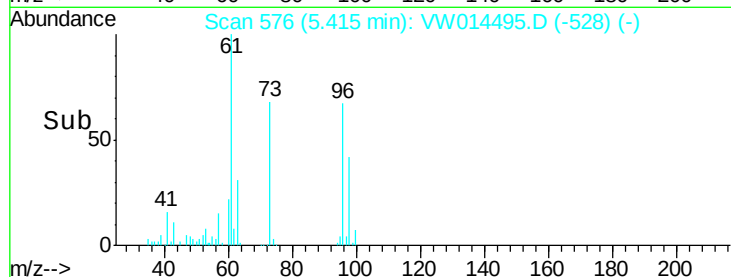
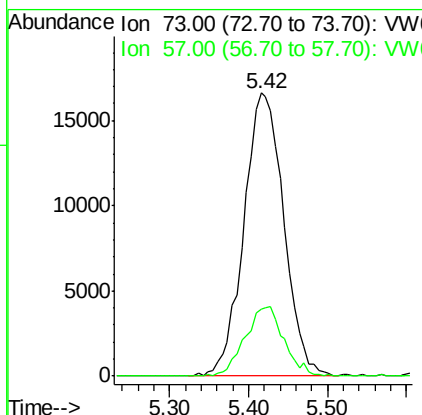
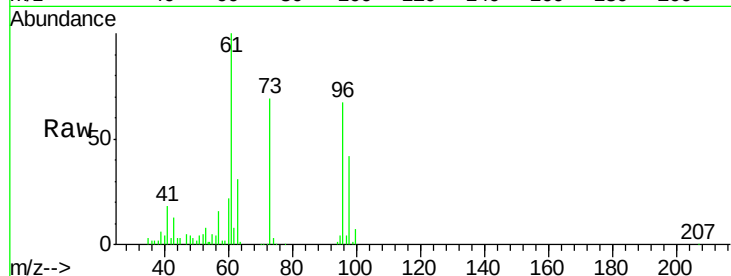
#19
Methyl tert-butyl Ether
Concen: 5.608 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion: 73 Resp: 58375
Ion Ratio Lower Upper
73 100
57 23.5 18.1 27.1

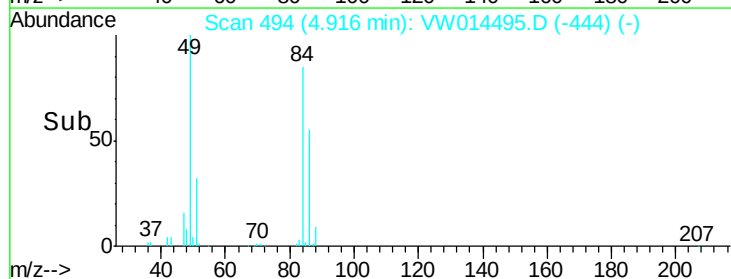
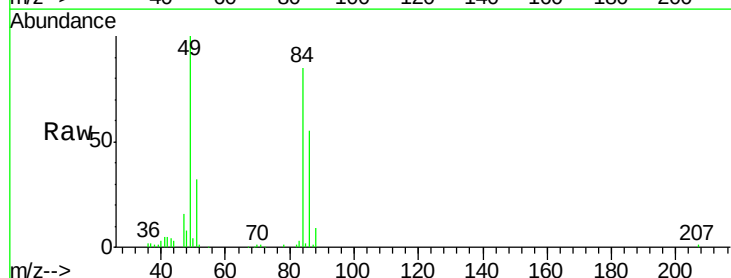
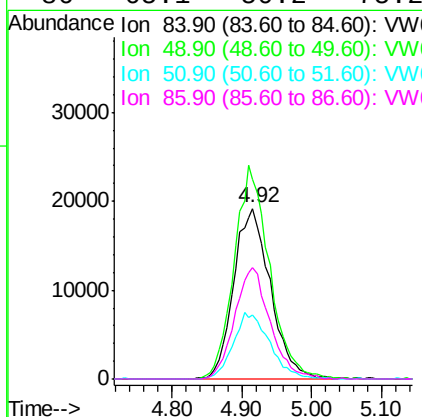
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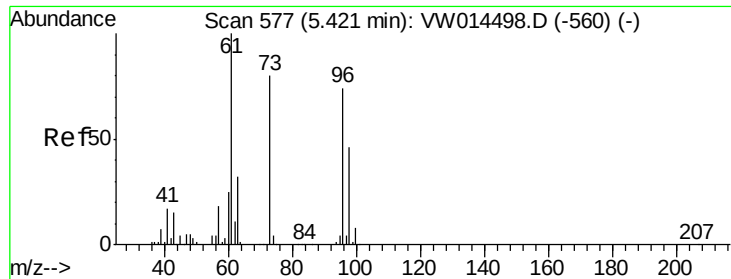
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#20
Methylene Chloride
Concen: 7.290 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Tgt Ion: 84 Resp: 69870
Ion Ratio Lower Upper
84 100
49 117.3 94.4 141.6
51 37.3 29.5 44.3
86 65.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 5.550 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

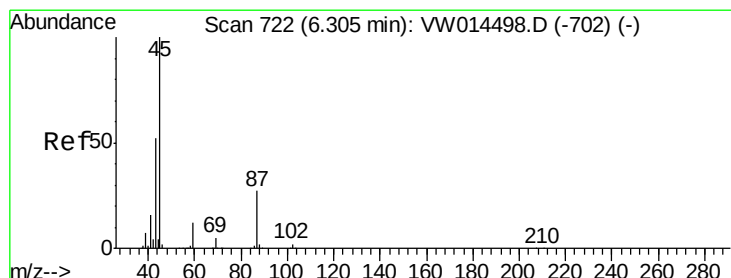
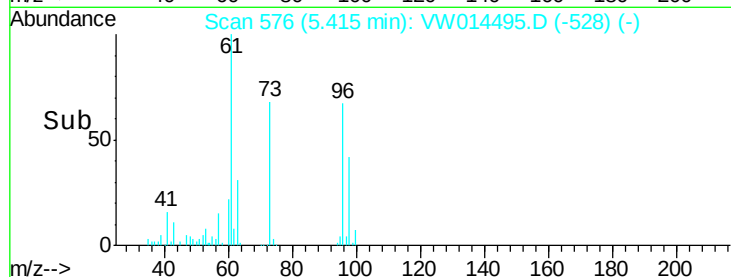
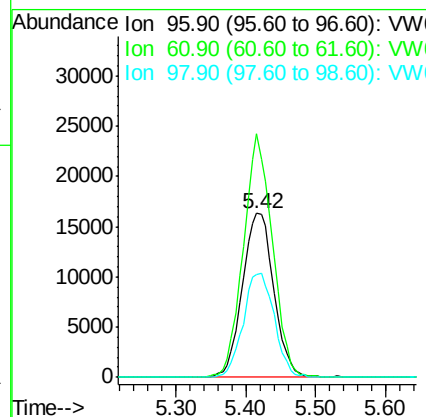
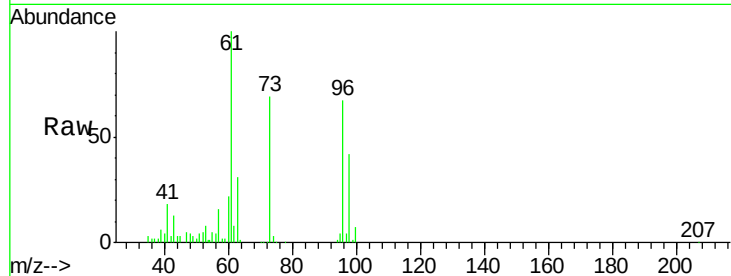
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	50890
Ion	Ratio	Lower	Upper
96	100		
61	148.5	107.8	161.6
98	62.3	49.4	74.0

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#22

Diisopropyl ether

Concen: 5.528 ug/l

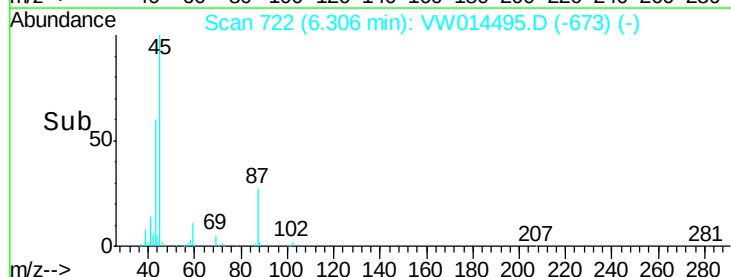
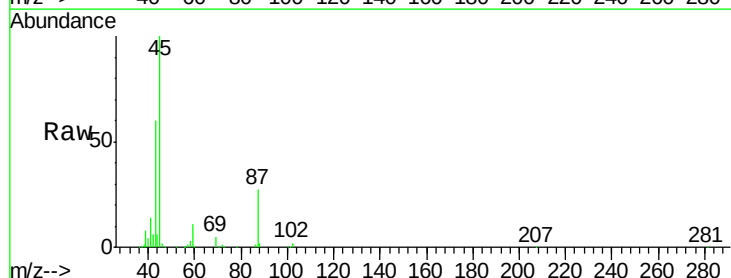
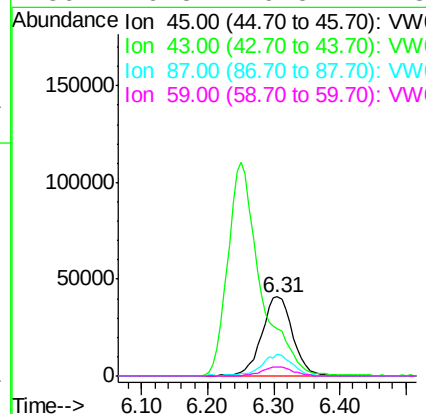
RT: 6.31 min Scan# 722

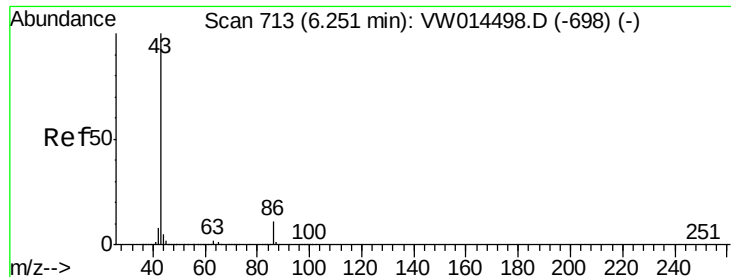
Delta R.T. 0.00 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Tgt Ion:	45	Resp:	133100
Ion	Ratio	Lower	Upper
45	100		
43	59.7	41.4	62.0
87	27.2	22.2	33.2
59	10.8	9.5	14.3





#23

Vinyl Acetate

Concen: 26.456 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 376850

Ion Ratio Lower Upper

43 100

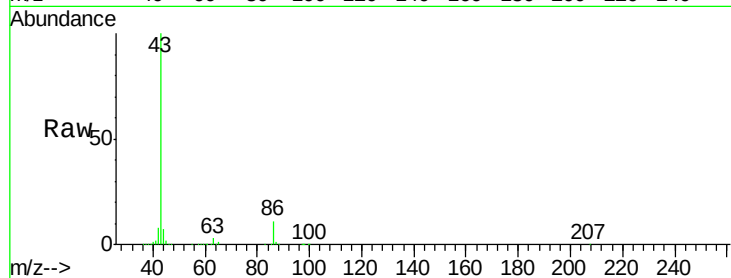
86 10.7 8.8 13.2

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

120000

100000

80000

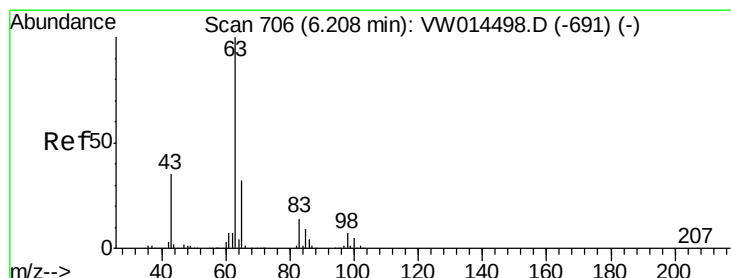
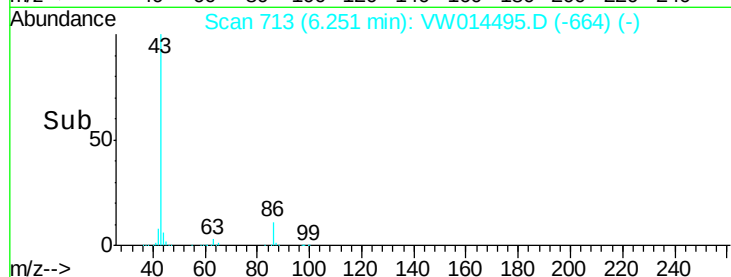
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 5.652 ug/l

RT: 6.20 min Scan# 705

Delta R.T. -0.01 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

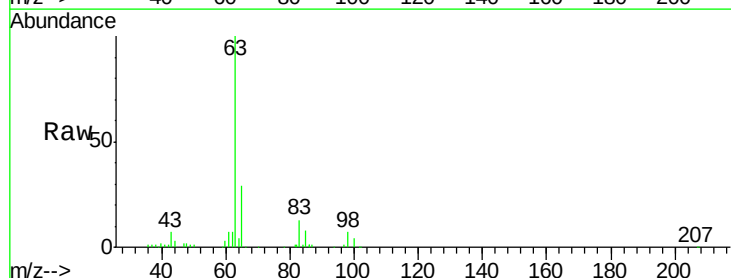
Tgt Ion: 63 Resp: 85956

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.0 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.20

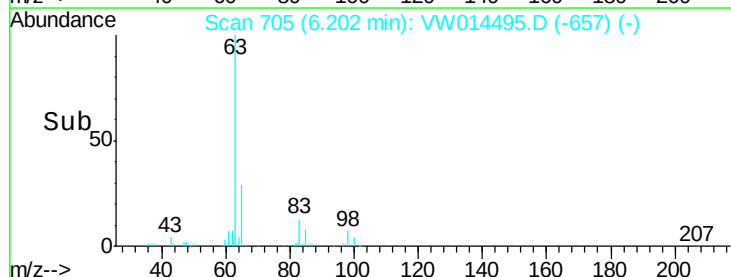
30000

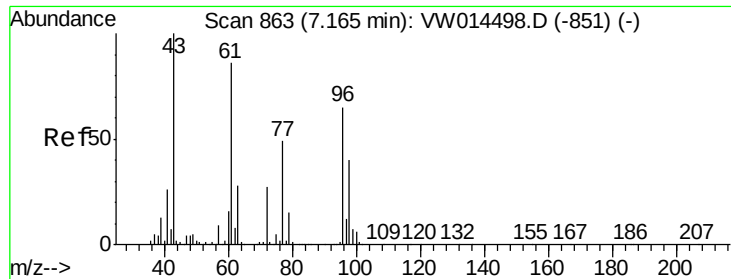
20000

10000

0

Time-->





#25

2-Butanone

Concen: 33.519 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 78105

Ion Ratio Lower Upper

43 100

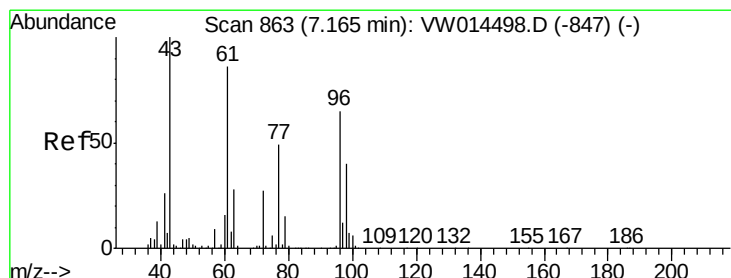
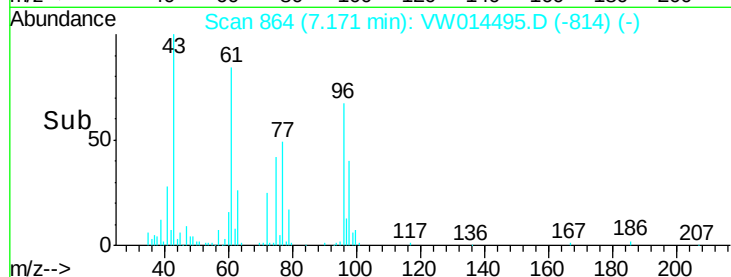
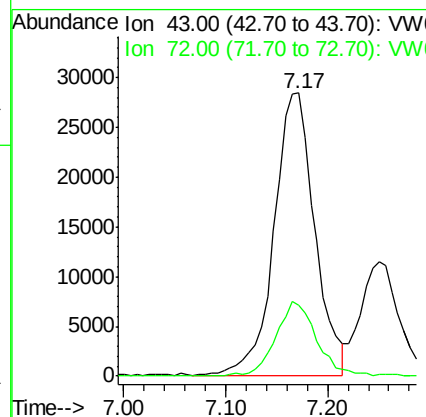
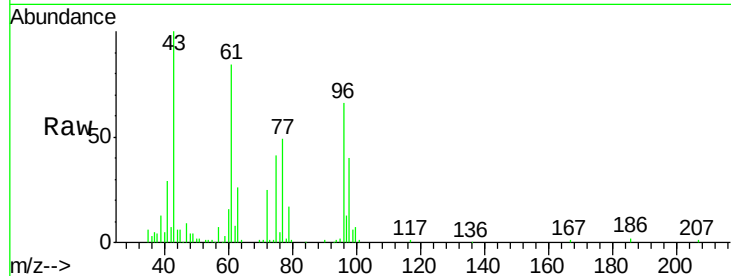
72 25.0 21.9 32.9

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#26

2,2-Dichloropropane

Concen: 6.438 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014495.D

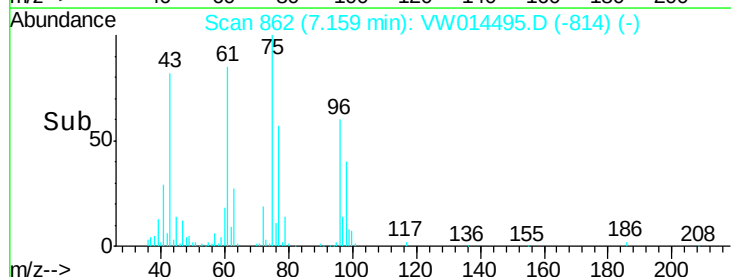
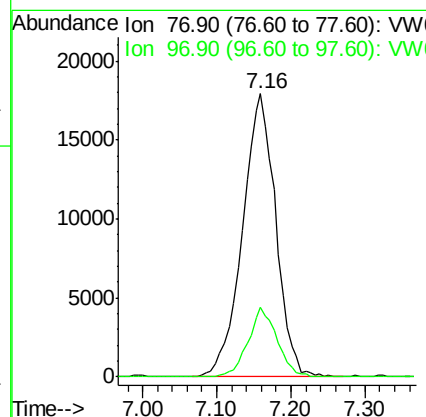
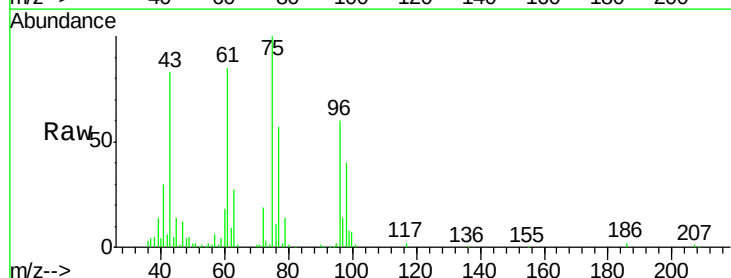
Acq: 03 Jan 2020 13:03

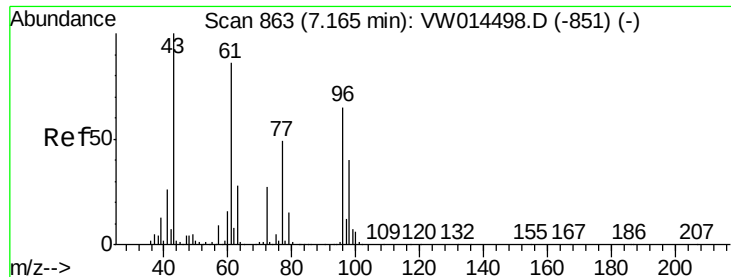
Tgt Ion: 77 Resp: 56151

Ion Ratio Lower Upper

77 100

97 21.3 12.5 37.5





#27

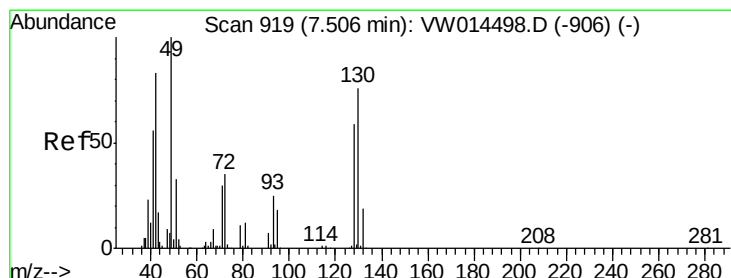
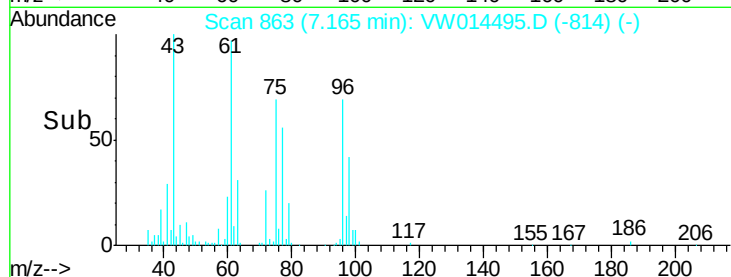
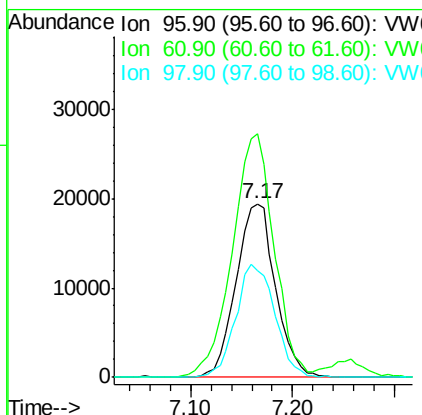
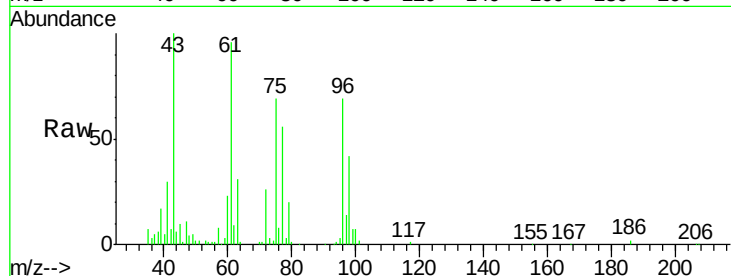
cis-1,2-Dichloroethene
Concen: 5.367 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.5	0.0	274.8
98	64.4	0.0	128.6

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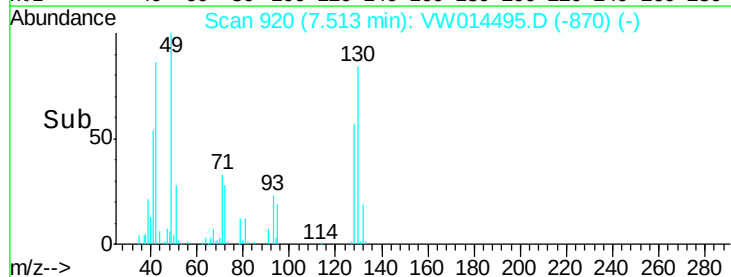
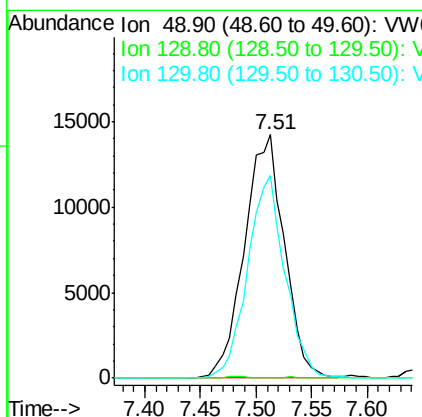
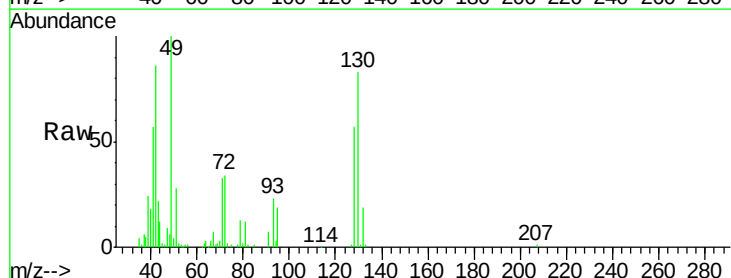
apatel
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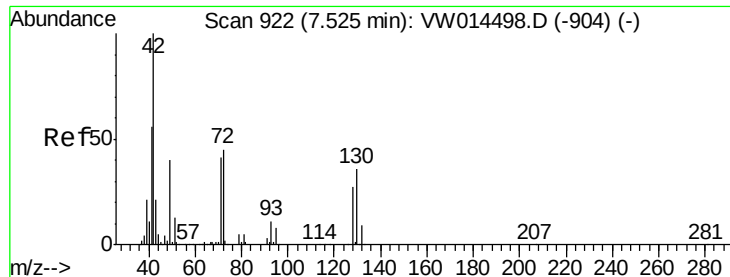


#28

Bromochloromethane
Concen: 6.954 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.1	0.0	2.0
130	78.1	62.5	93.7





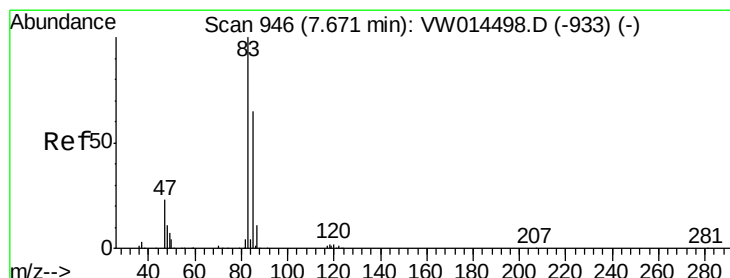
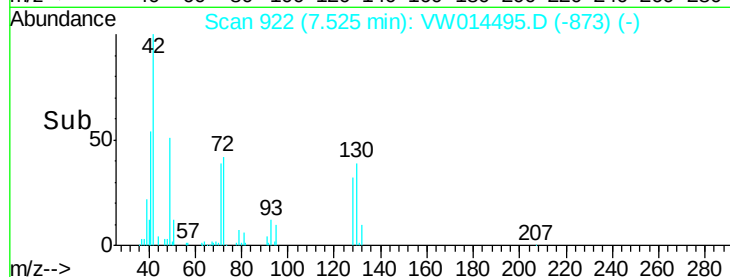
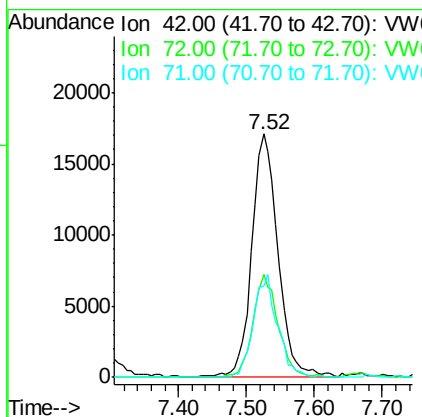
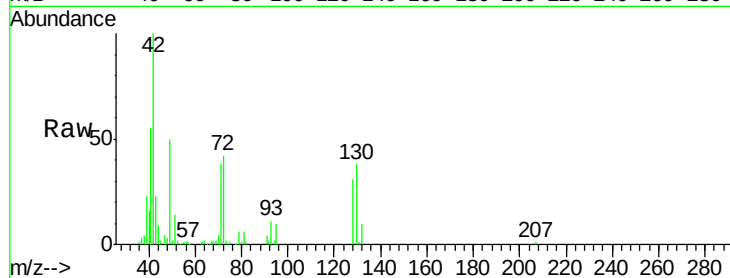
#29
Tetrahydrofuran
Concen: 32.056 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	34.5	51.7
71	38.2	32.0	48.0

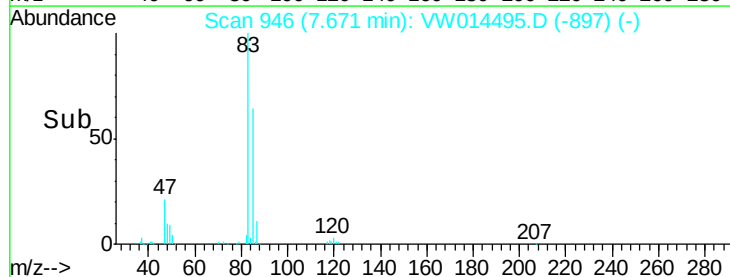
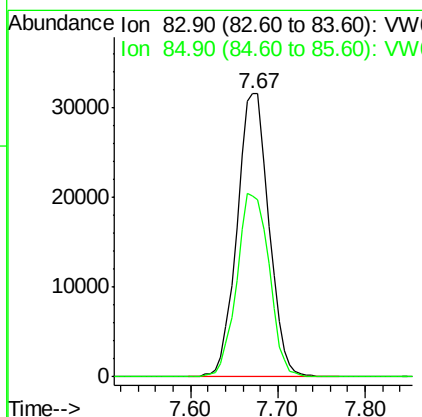
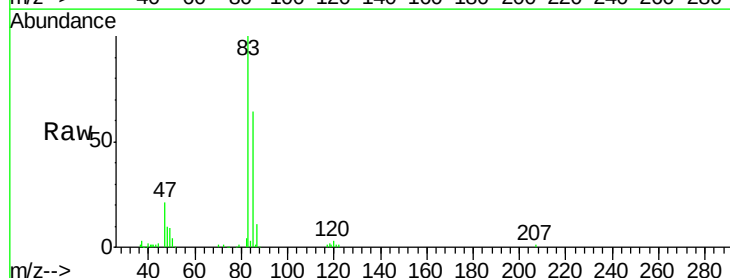
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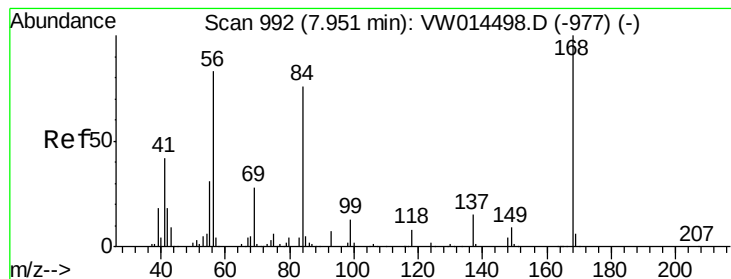
apatel
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#30
Chloroform
Concen: 5.340 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.2	78.2





#31

Cyclohexane

Concen: 6.217 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

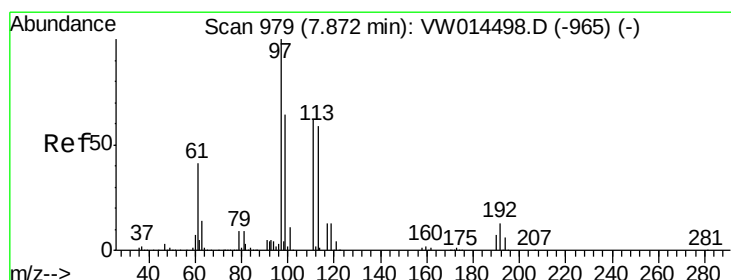
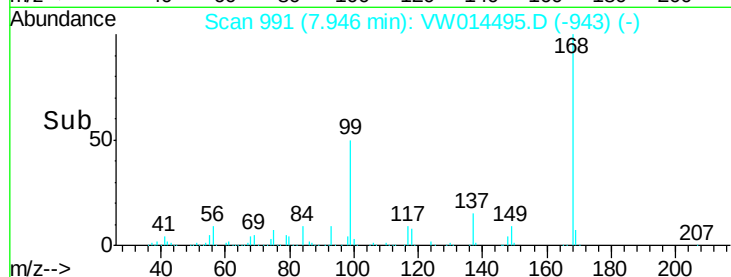
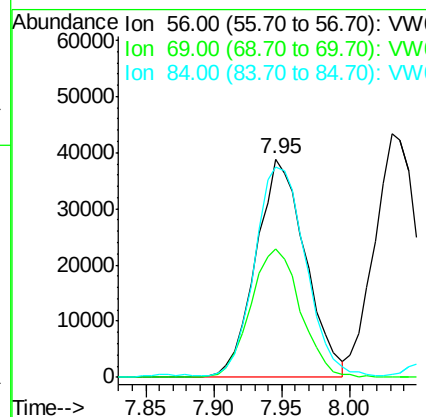
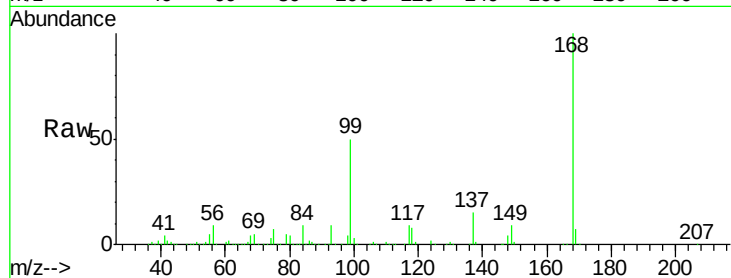
ClientSampled :

VSTDIC005

Tot Ion:	56	Resp:	98862
Ion Ratio	Lower	Upper	
56	100		
69	58.9	26.8	40.2#
84	95.3	71.8	107.6

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#32

1,1,1-Trichloroethane

Concen: 5.385 ug/l

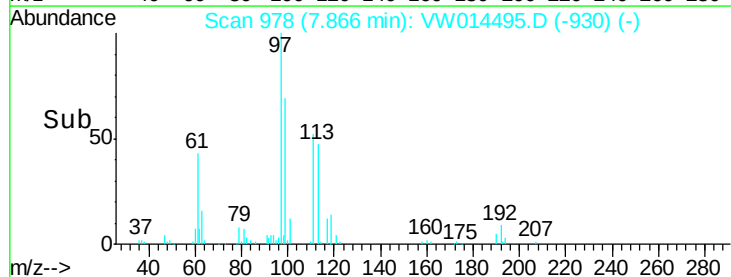
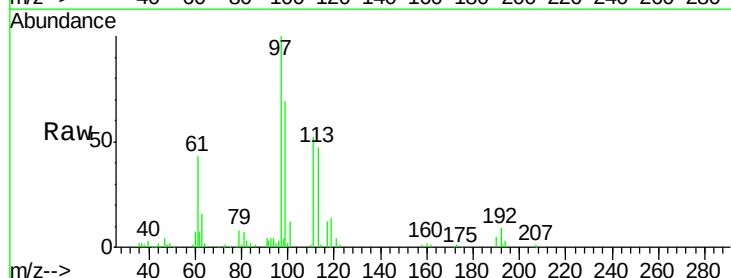
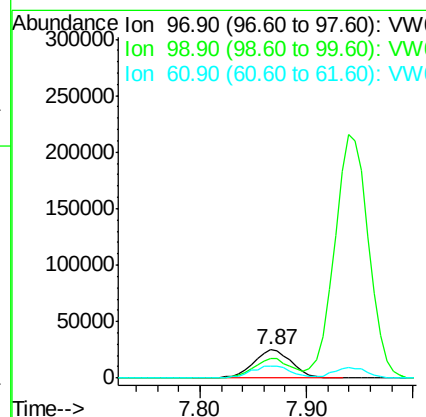
RT: 7.87 min Scan# 978

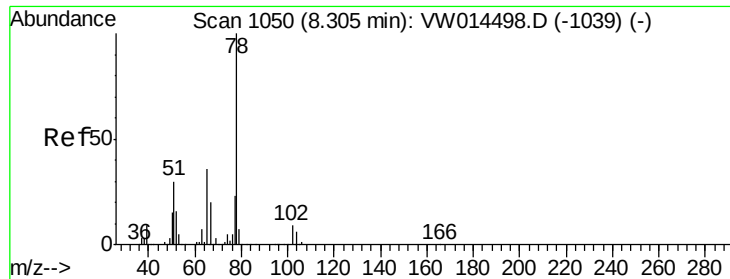
Delta R.T. -0.01 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Tgt Ion:	97	Resp:	63344
Ion Ratio	Lower	Upper	
97	100		
99	66.9	51.8	77.6
61	45.2	33.8	50.8





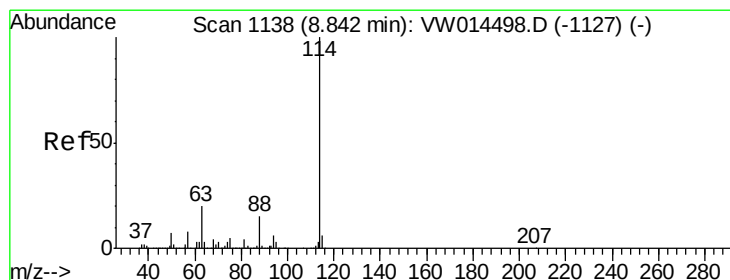
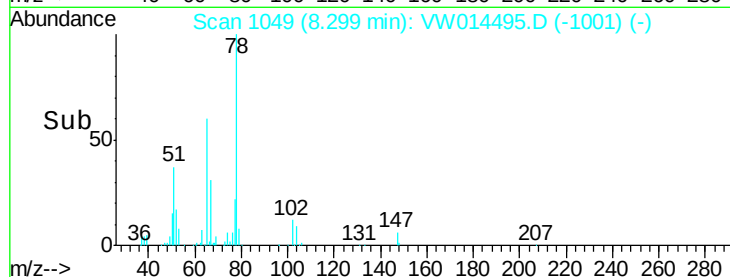
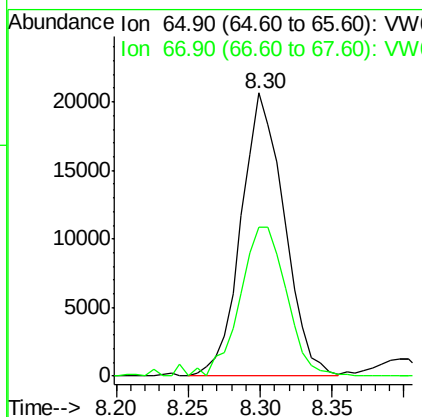
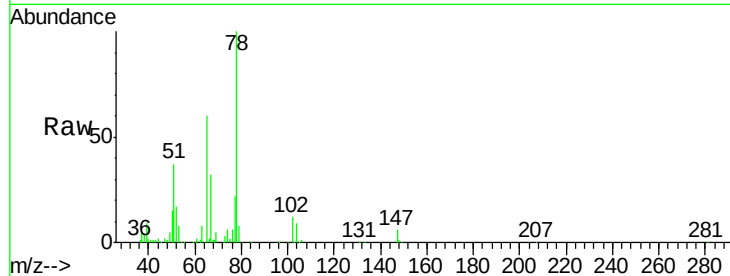
#33
 1,2-Dichloroethane-d4
 Concen: 5.981 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014495.D
 Acq: 03 Jan 2020 13:03

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	56.6	0.0	108.4

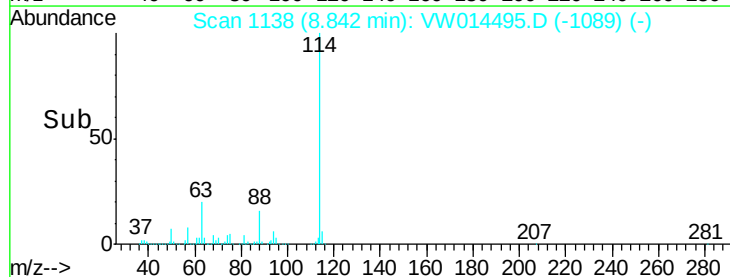
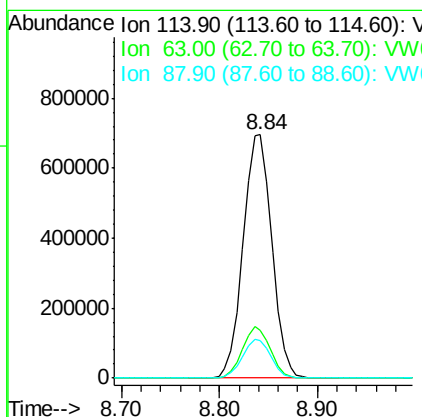
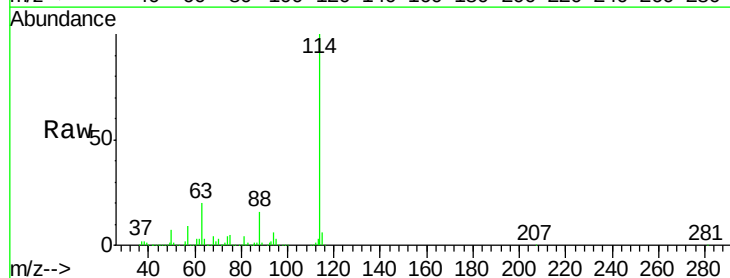
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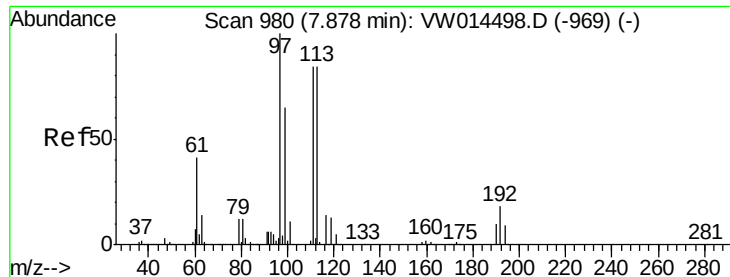
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014495.D
 Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.4
88	15.6	0.0	30.6





#35

Dibromofluoromethane

Concen: 5.436 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

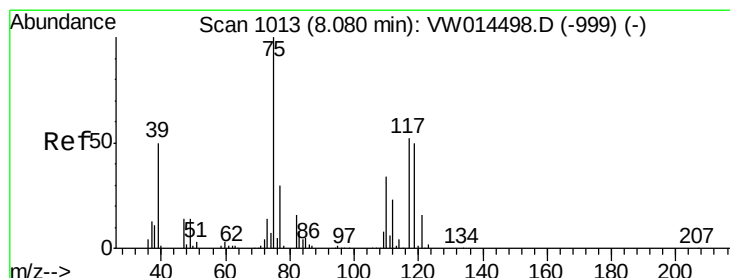
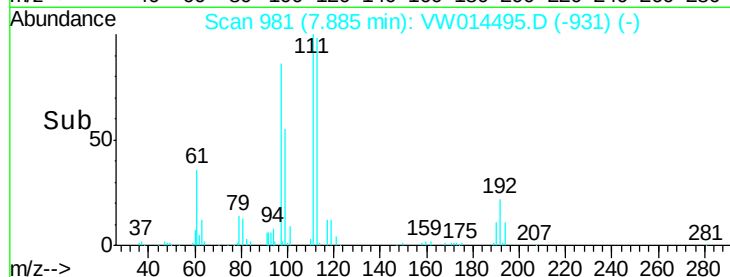
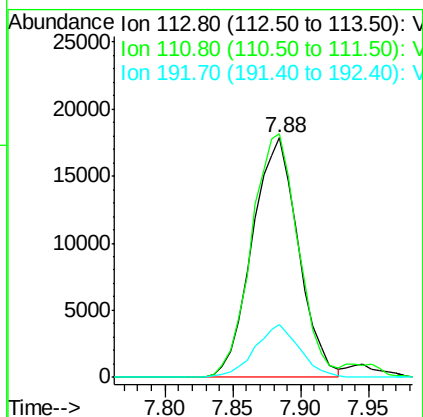
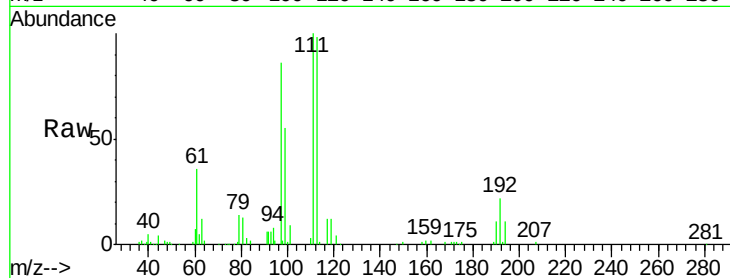
ClientSampleId :

VSTDIC005

Tot Ion:	113	Resp:	42415
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.2
192	21.5	17.8	26.8

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#36

1,1-Dichloropropene

Concen: 5.233 ug/l

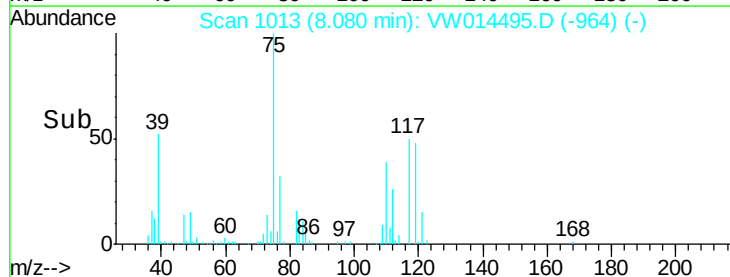
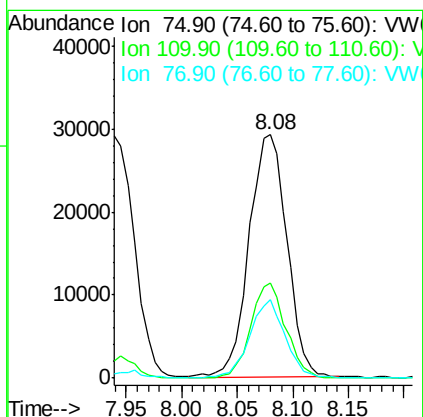
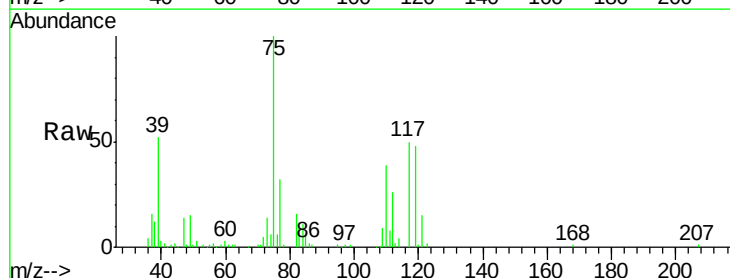
RT: 8.08 min Scan# 1013

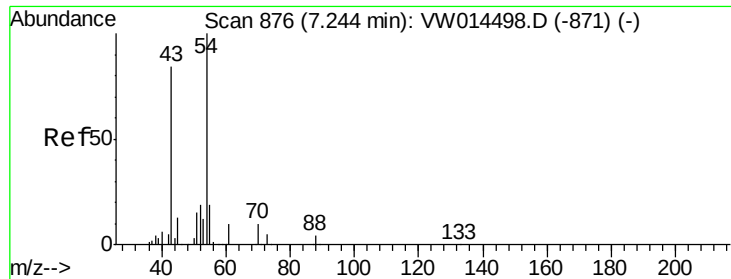
Delta R.T. 0.00 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Tgt Ion:	75	Resp:	69307
Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.8	53.5
77	30.6	24.7	37.1





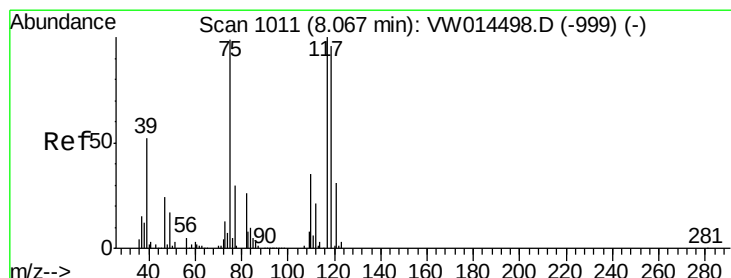
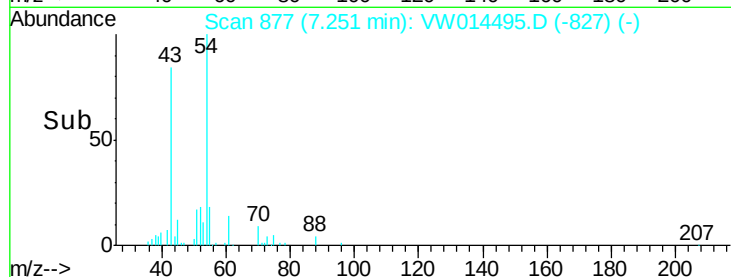
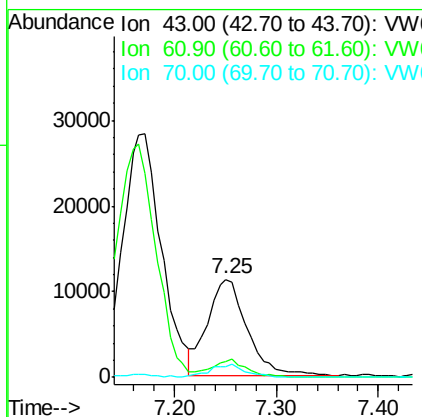
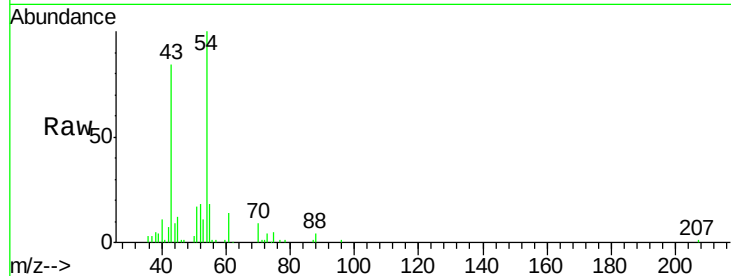
#37
Ethyl Acetate
Concen: 5.707 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.5	11.7	17.5
70	12.3	9.0	13.6

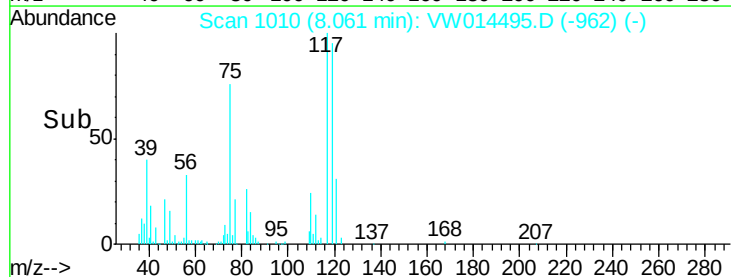
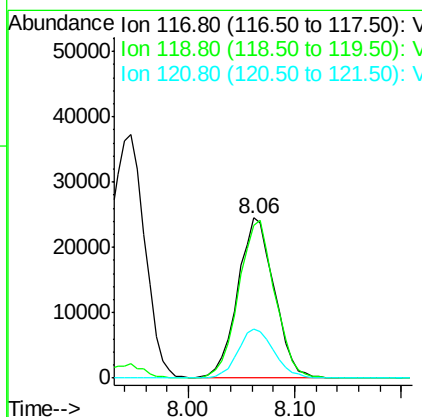
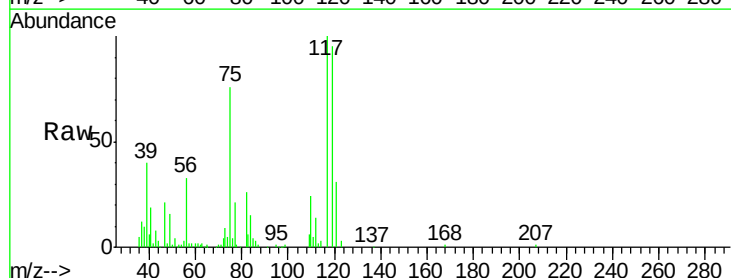
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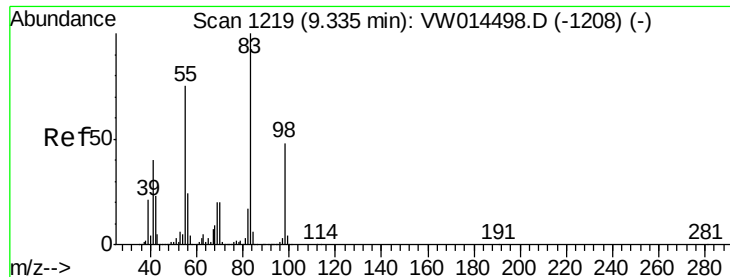
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#38
Carbon Tetrachloride
Concen: 4.997 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.0	115.6
121	30.9	24.6	36.8





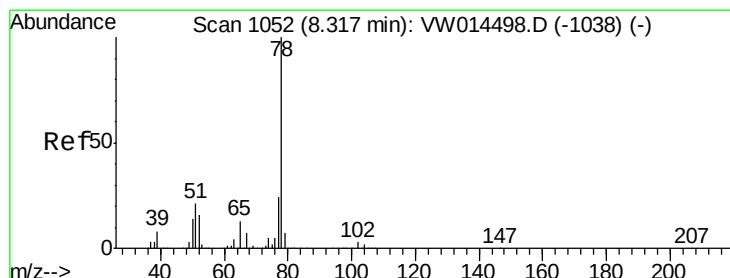
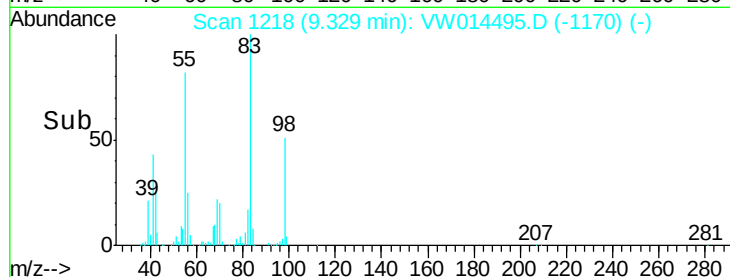
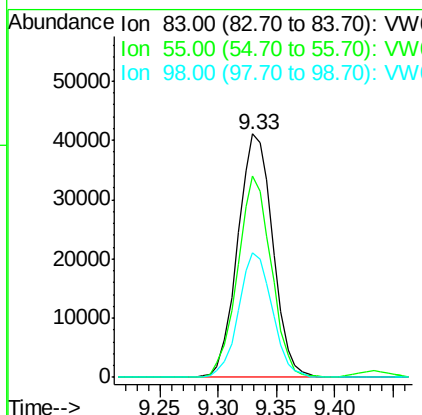
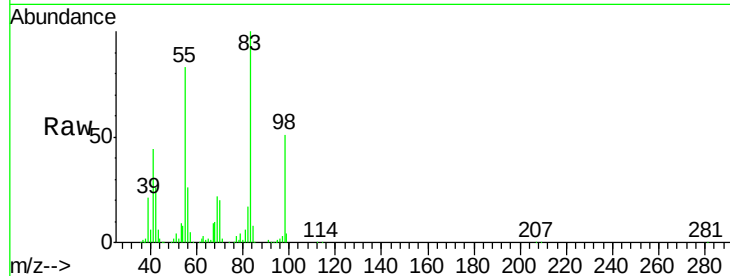
#39
Methylvlcyclohexane
Concen: 5.076 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.5	60.1	90.1
98	51.4	38.8	58.2

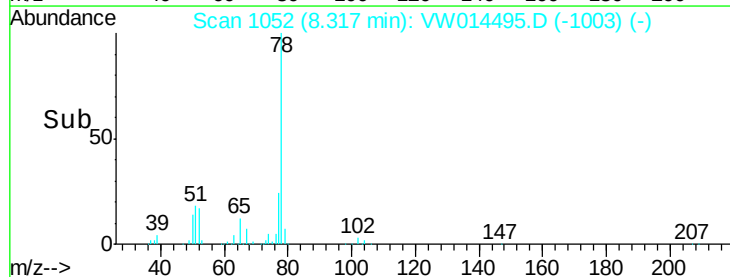
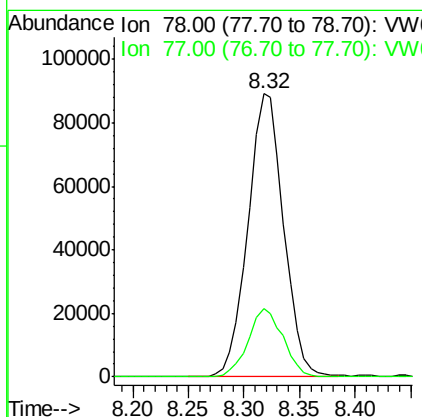
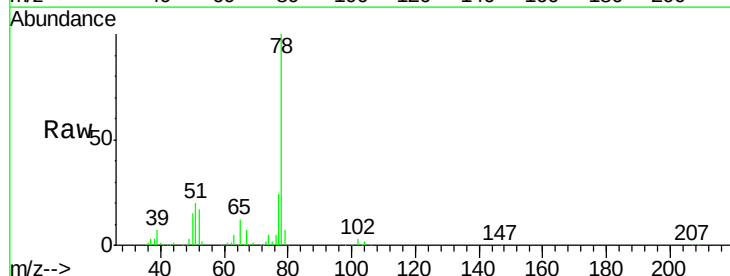
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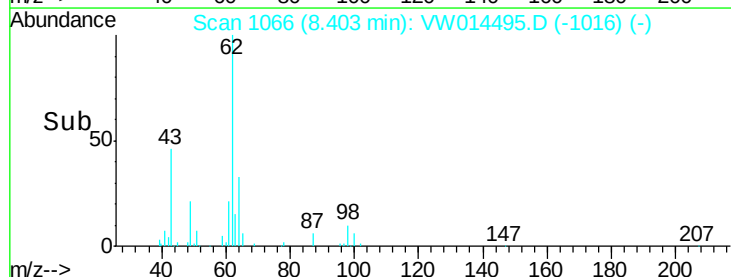
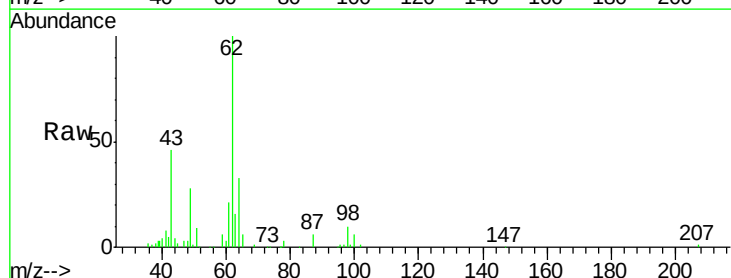
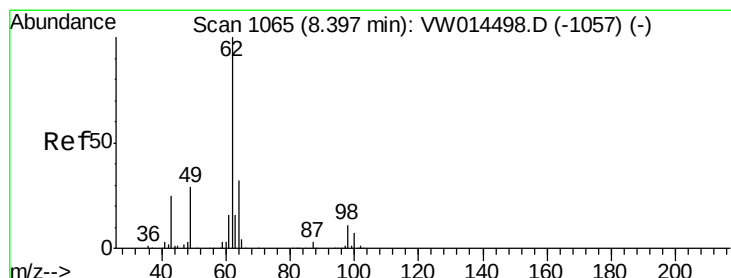
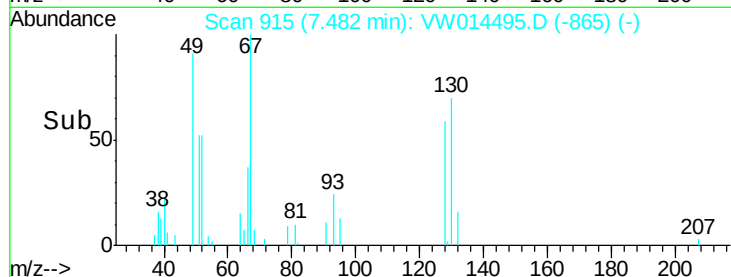
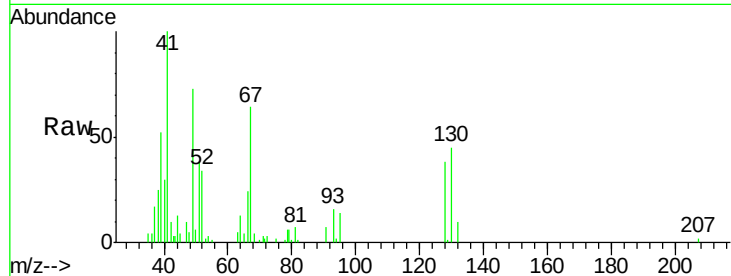
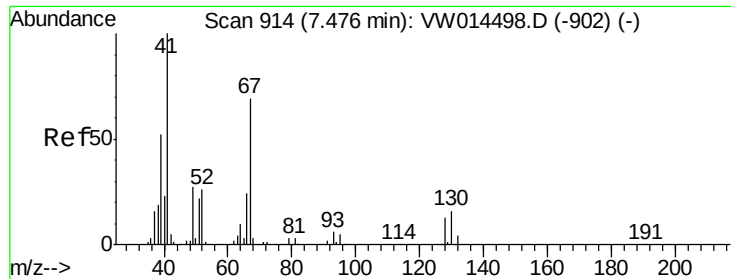
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#40
Benzene
Concen: 5.290 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

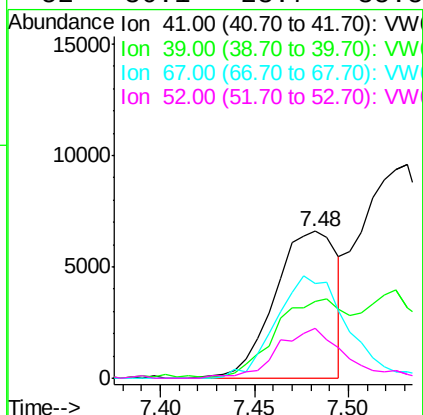
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9





#41
Methacrylonitrile
Concen: 4.641 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.01 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Tot Ion	Ratio	Lower	Upper
41	100		
39	59.1	46.0	69.0
67	79.9	60.8	91.2
52	36.1	23.7	35.5#



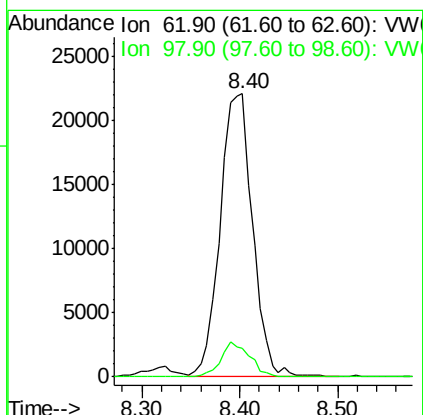
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

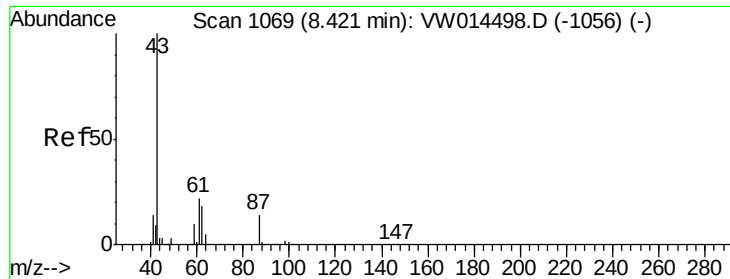
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#42
1,2-Dichloroethane
Concen: 5.348 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.0





#43

Isopropyl Acetate

Concen: 5.383 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

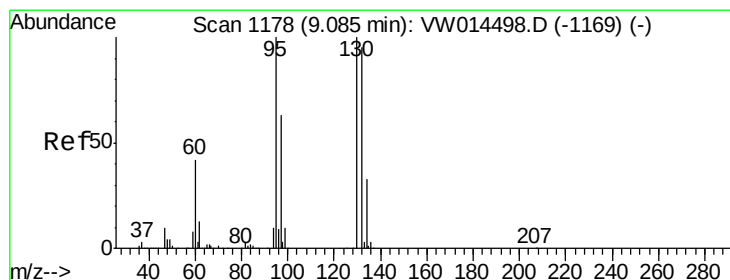
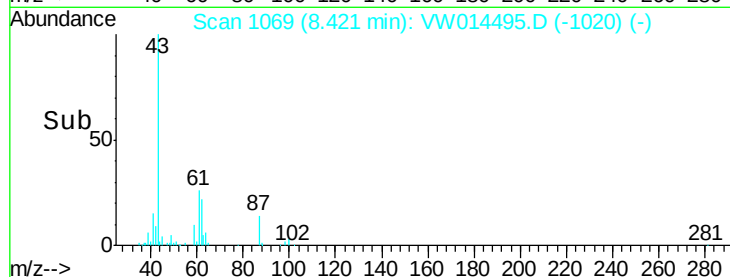
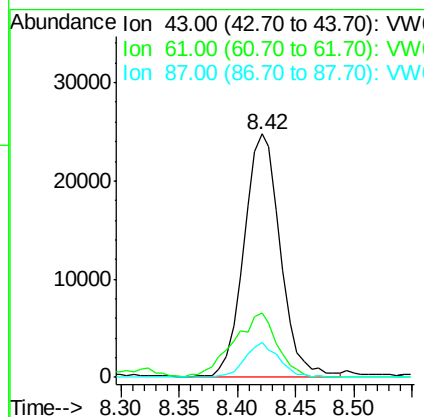
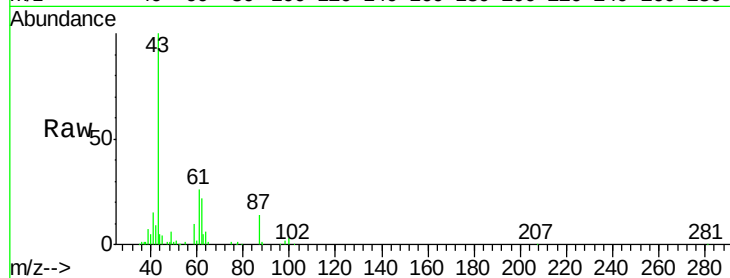
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	54223
Ion	Ratio	Lower	Upper
43	100		
61	31.8	24.7	37.1
87	13.2	11.1	16.7

Manual Integrations
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#44

Trichloroethene

Concen: 5.042 ug/l

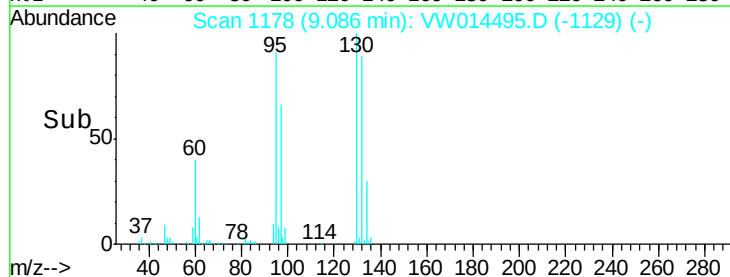
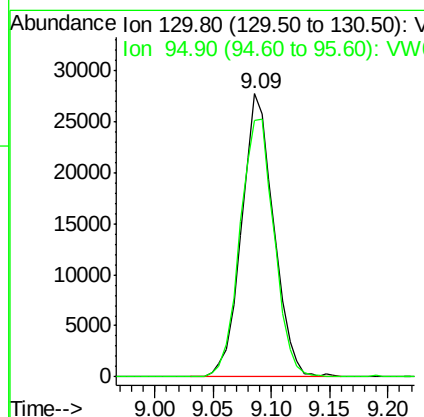
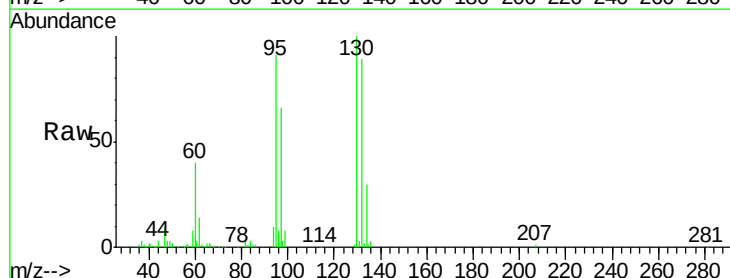
RT: 9.09 min Scan# 1178

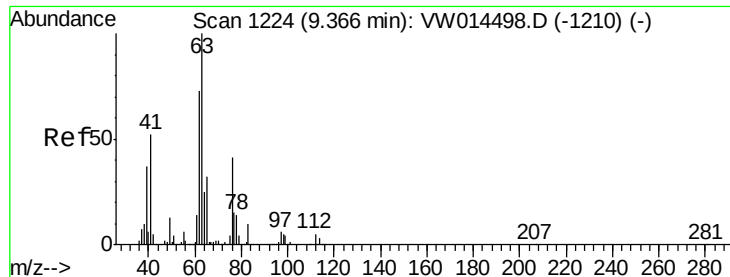
Delta R.T. 0.00 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Tgt Ion:	130	Resp:	53415
Ion	Ratio	Lower	Upper
130	100		
95	90.8	0.0	199.4





#45

1,2-Dichloropropane

Concen: 5.257 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion: 63 Resp: 47222

Ion Ratio Lower Upper

63 100

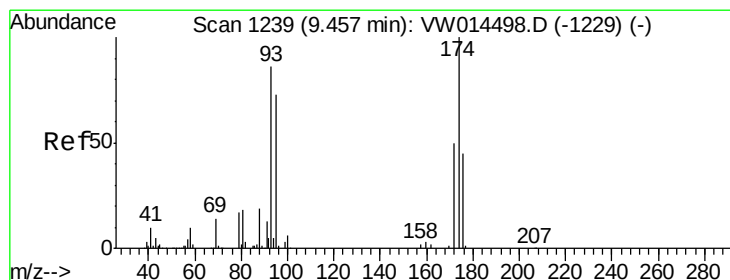
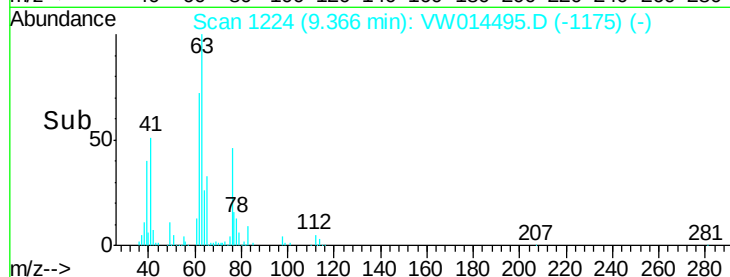
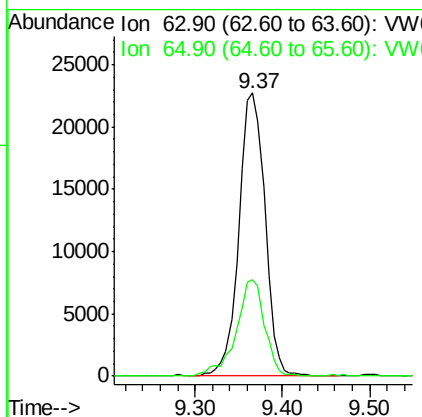
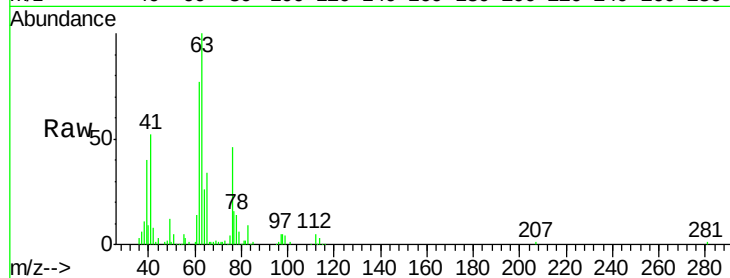
65 34.3 25.6 38.4

Manual Integrations

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#46

Dibromomethane

Concen: 5.362 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

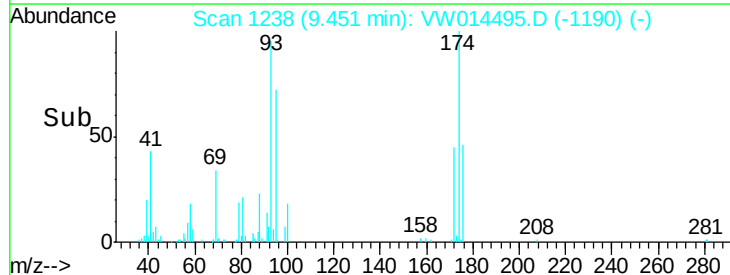
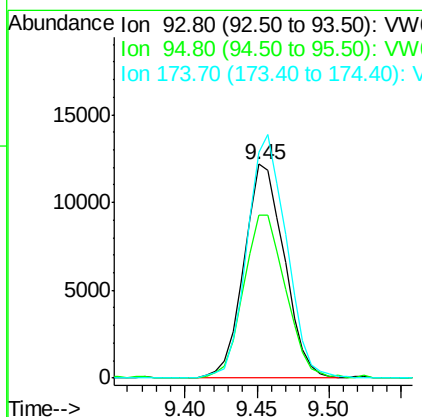
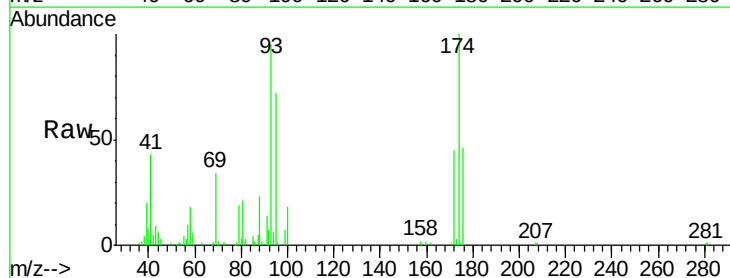
Tgt Ion: 93 Resp: 23629

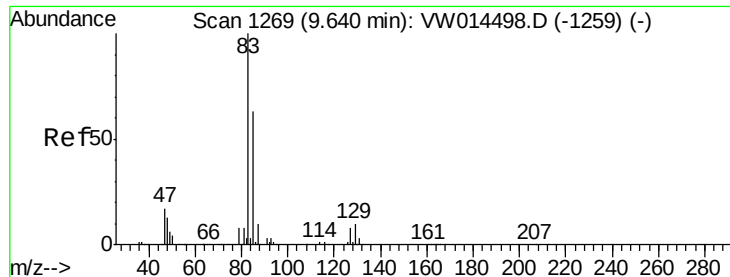
Ion Ratio Lower Upper

93 100

95 79.6 66.4 99.6

174 110.4 89.1 133.7





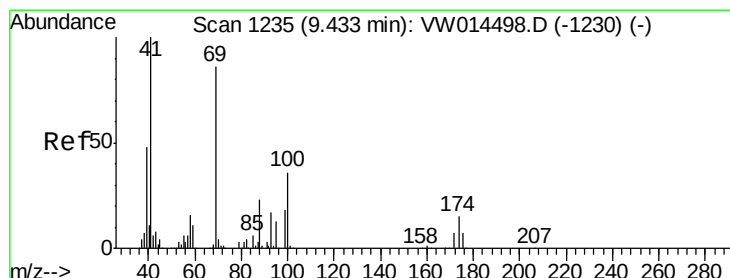
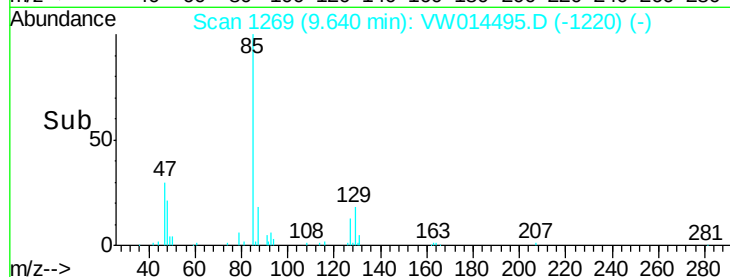
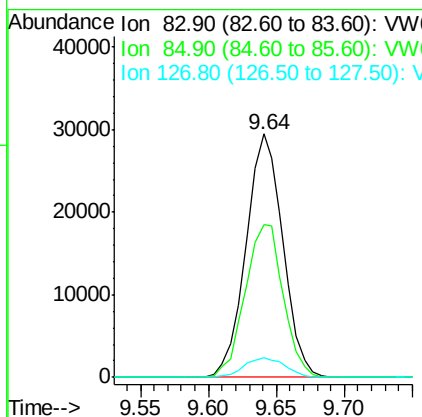
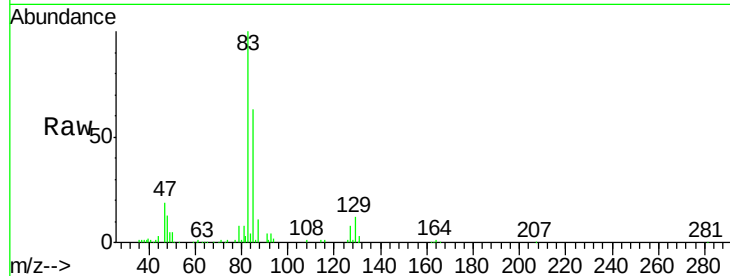
#47
Bromodichloromethane
Concen: 4.972 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.6	76.0
127	8.2	6.6	9.8

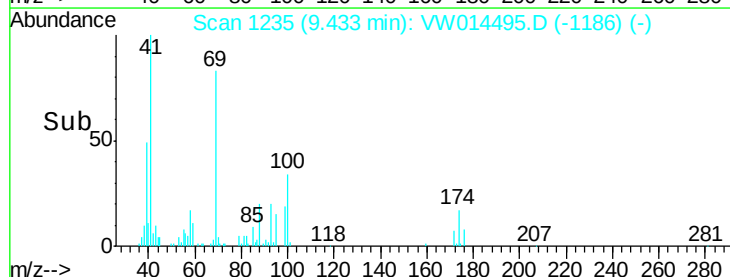
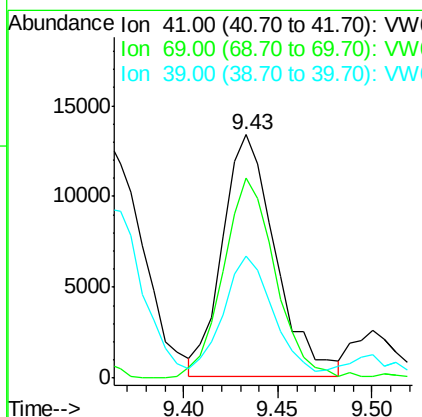
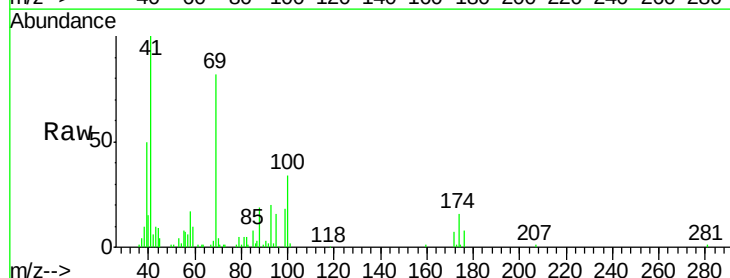
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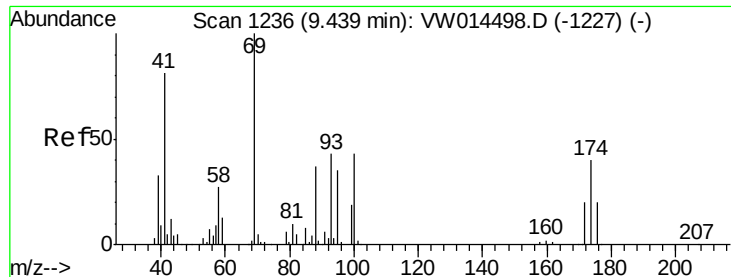
apatel
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#48
Methyl methacrylate
Concen: 5.223 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.6	68.3	102.5
39	43.1	36.8	55.2





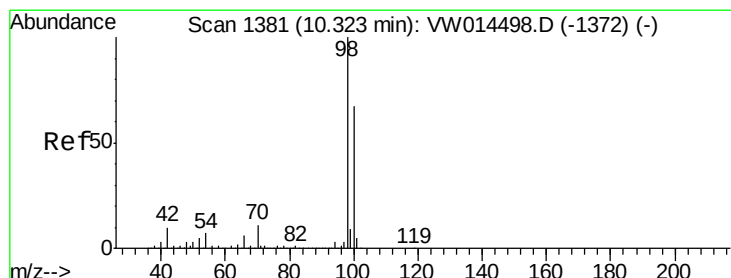
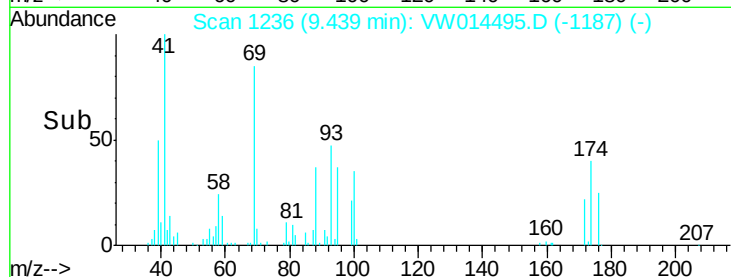
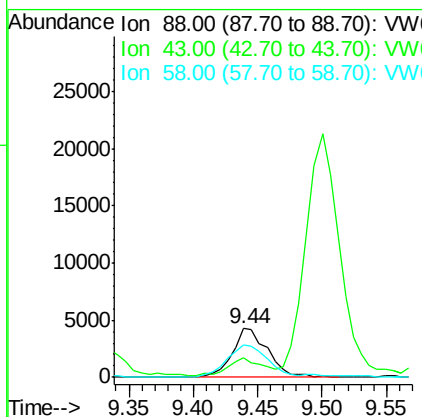
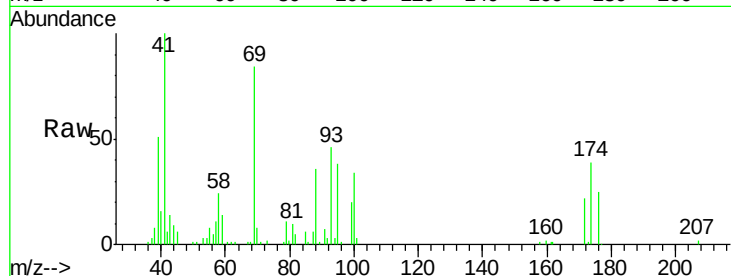
#49
1,4-Dioxane
Concen: 115.866 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	24.9	37.3
58	76.3	56.9	85.3

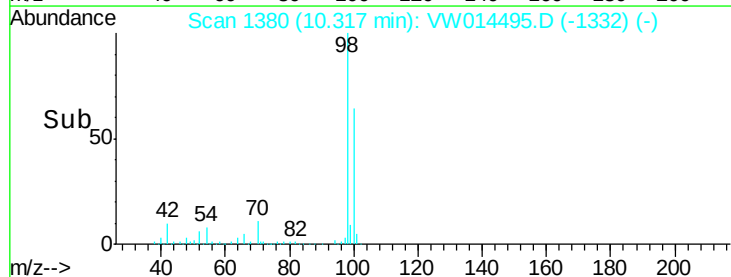
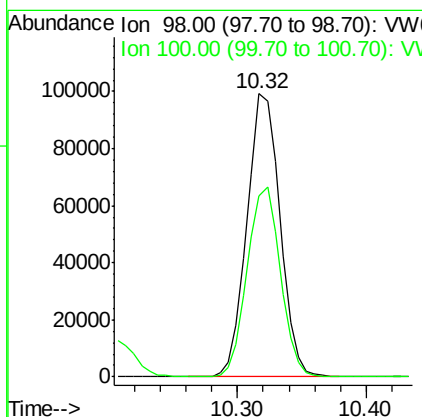
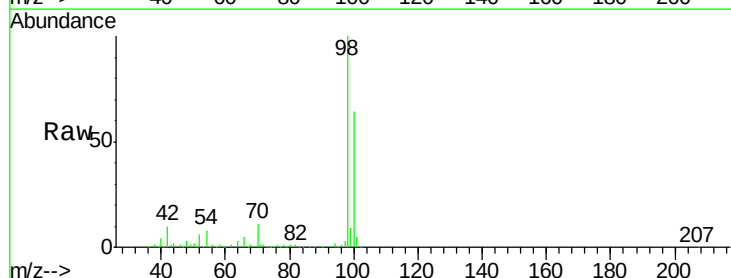
Manual Integrations
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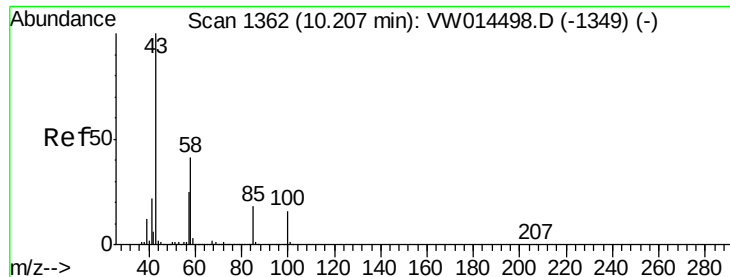
apatel
1/6/2020 10:42:50 AM



#50
Toluene-d8
Concen: 5.535 ug/l
RT: 10.32 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 27.738 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 141119

Ion Ratio Lower Upper

43 100

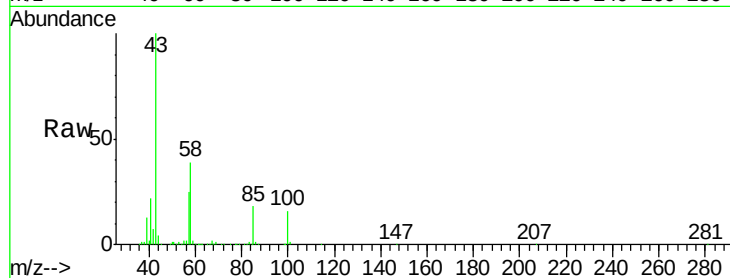
58 39.7 32.7 49.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

80000

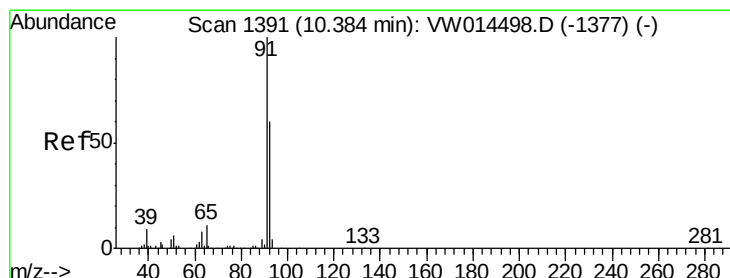
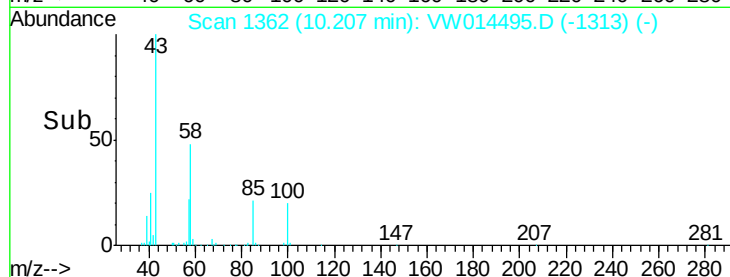
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 5.039 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014495.D

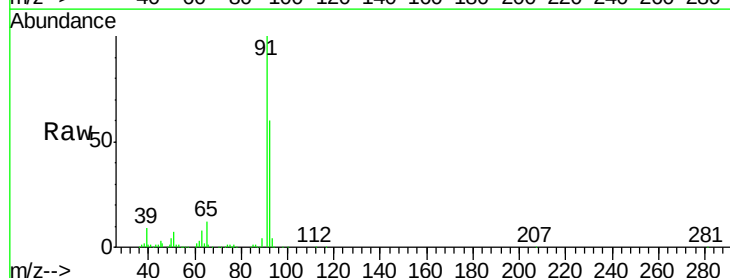
Acq: 03 Jan 2020 13:03

Tgt Ion: 92 Resp: 121165

Ion Ratio Lower Upper

92 100

91 170.0 134.1 201.1



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

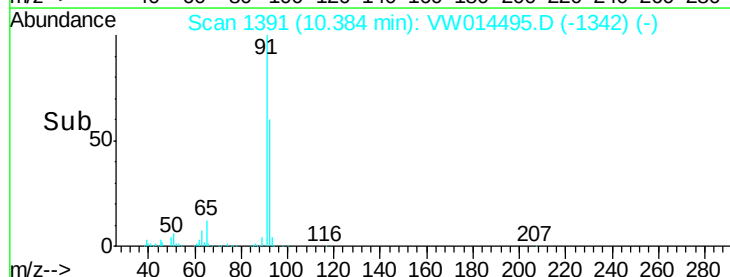
10.38

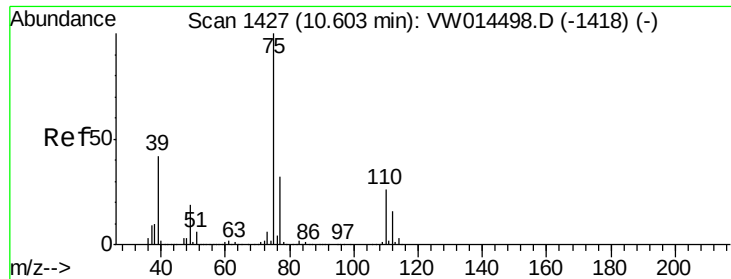
100000

50000

0

Time-->





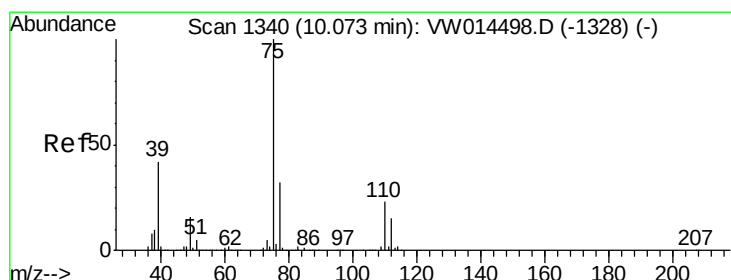
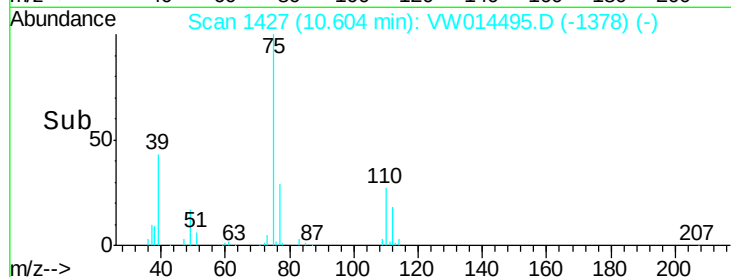
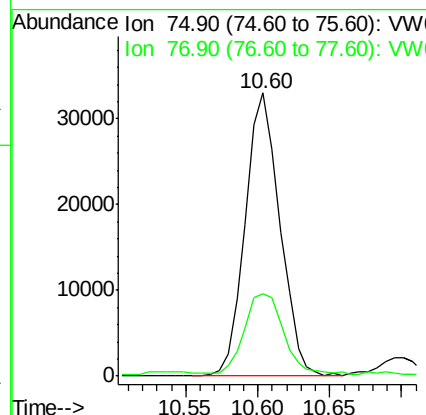
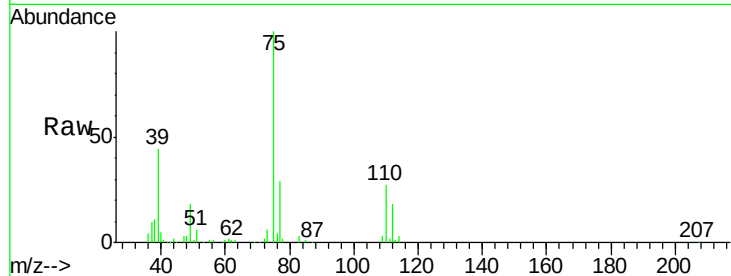
#53
t-1,3-Dichloropropene
Concen: 4.813 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion: 75 Resp: 55166
Ion Ratio Lower Upper
75 100
77 28.3 25.4 38.2

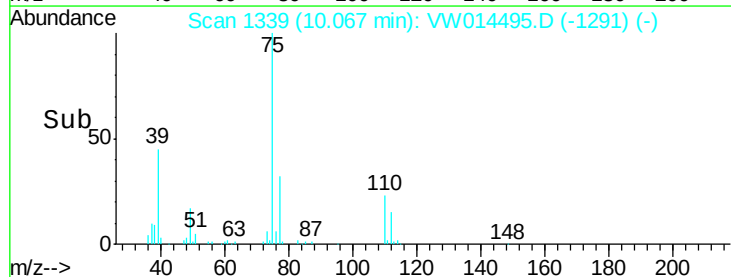
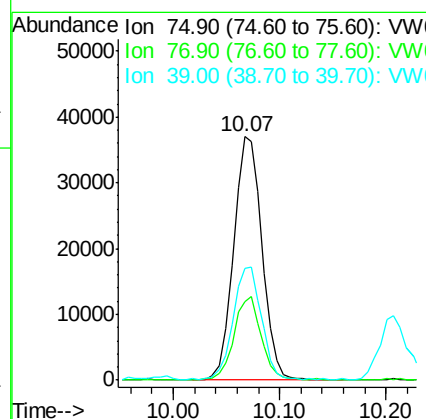
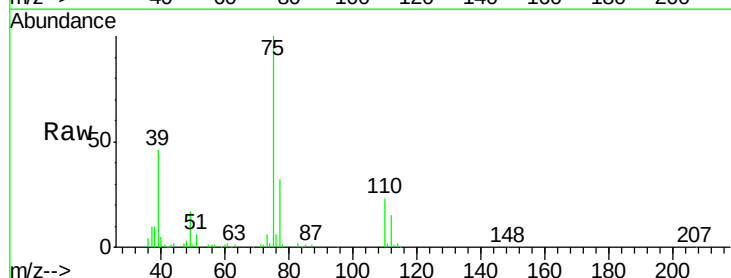
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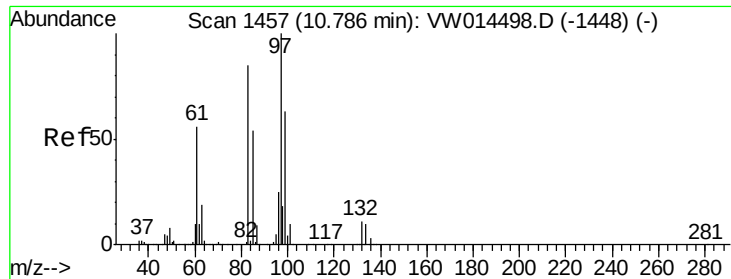
apatel
1/6/2020 10:42:50 AM



#54
cis-1,3-Dichloropropene
Concen: 4.912 ug/l
RT: 10.07 min Scan# 1339
Delta R.T. -0.01 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Tgt Ion: 75 Resp: 69198
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
39 45.2 33.4 50.2





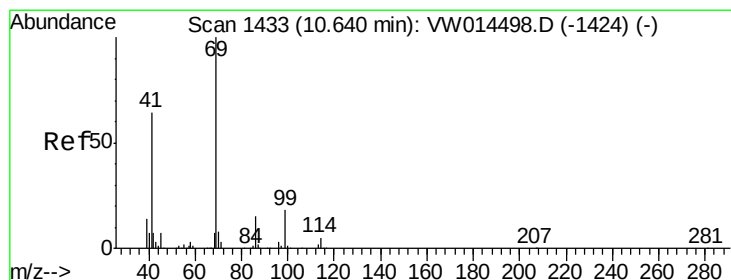
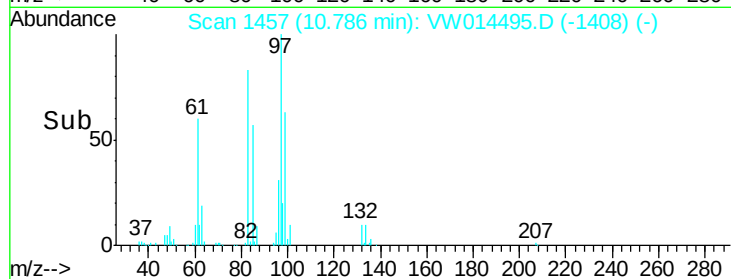
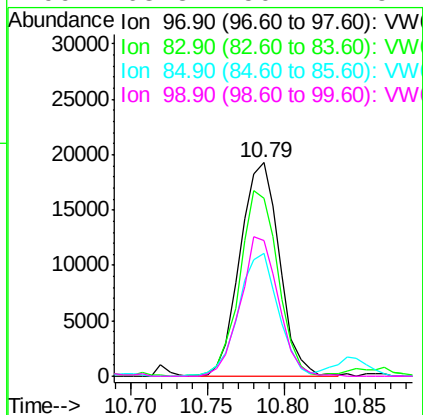
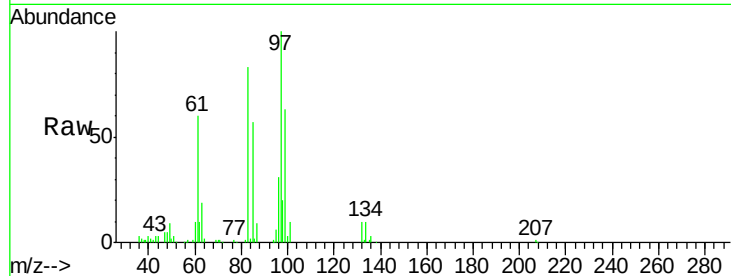
#55
 1,1,2-Trichloroethane
 Concen: 5.295 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW014495.D
 Acq: 03 Jan 2020 13:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	34739
Ion	Ratio	Lower	Upper
97	100		
83	83.0	68.2	102.4
85	56.9	43.0	64.4
99	63.3	50.1	75.1

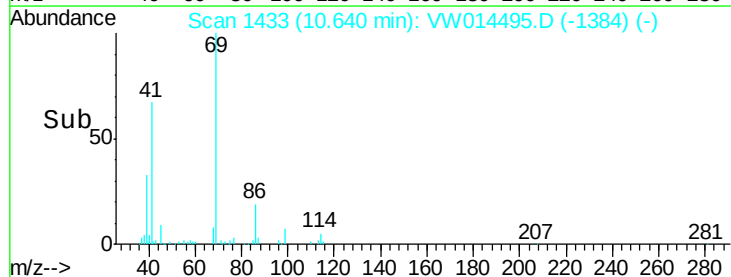
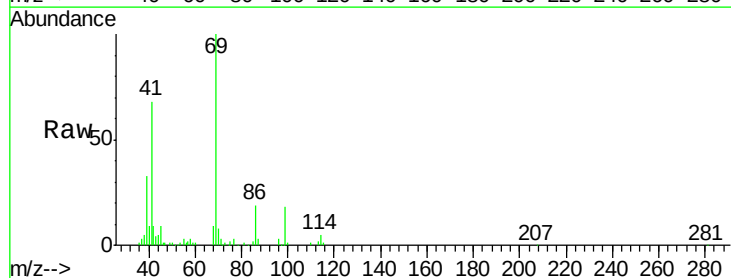
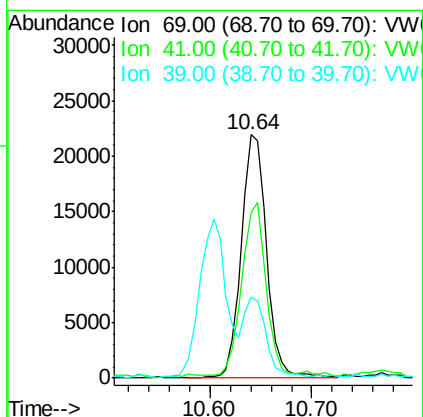
Manual Integrations
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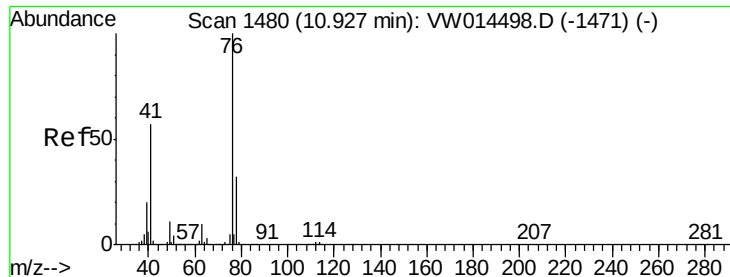
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 1/6/2020 10:42:50 AM



#56
 Ethyl methacrylate
 Concen: 4.557 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VW014495.D
 Acq: 03 Jan 2020 13:03

Tgt Ion:	69	Resp:	37918
Ion	Ratio	Lower	Upper
69	100		
41	66.5	51.3	76.9
39	28.2	21.0	31.6





#57

1,3-Dichloropropane

Concen: 5.292 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 59586

Ion Ratio Lower Upper

76 100

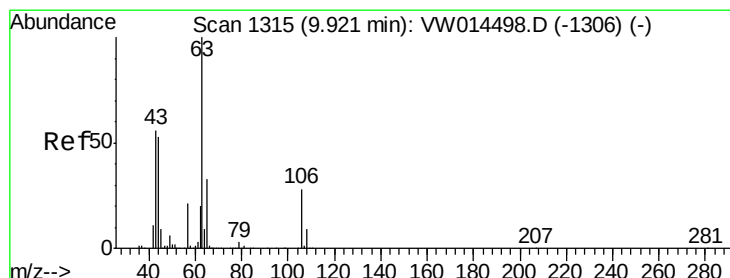
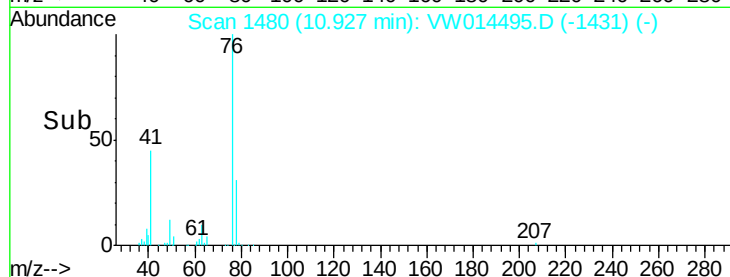
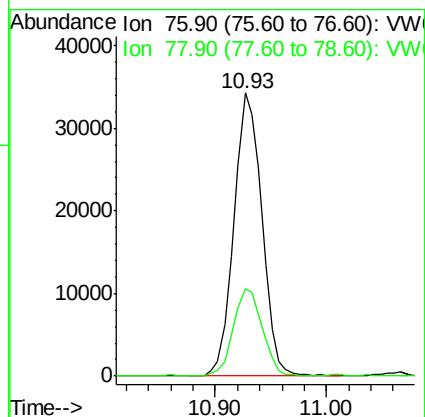
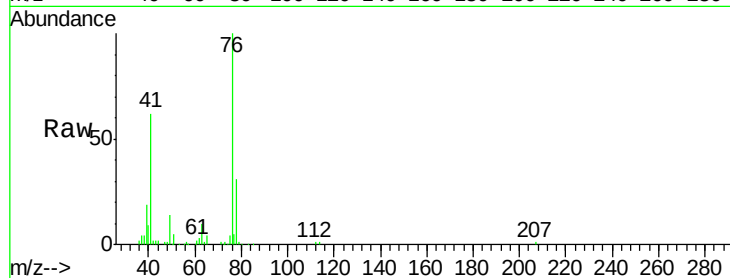
78 32.2 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 17.111 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW014495.D

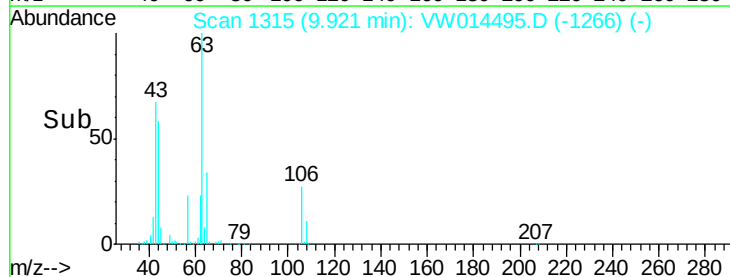
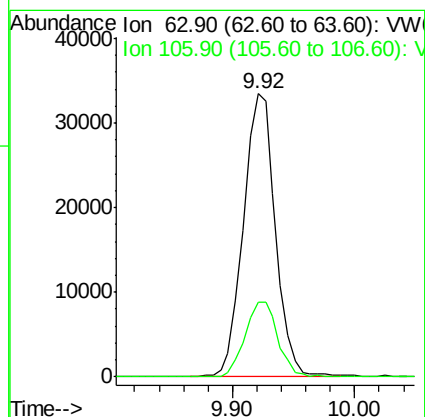
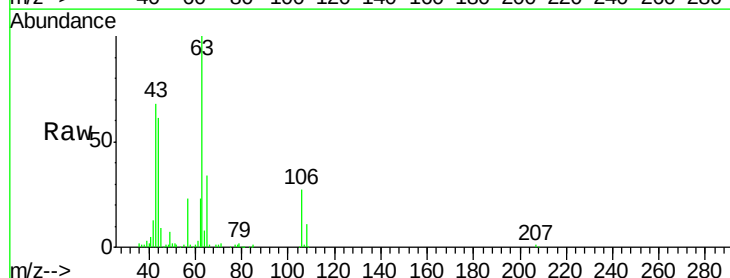
Acq: 03 Jan 2020 13:03

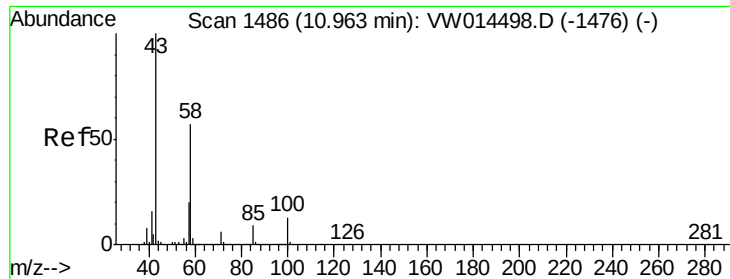
Tgt Ion: 63 Resp: 60765

Ion Ratio Lower Upper

63 100

106 27.1 23.0 34.6





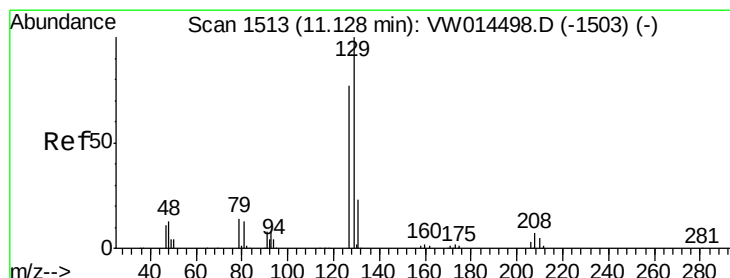
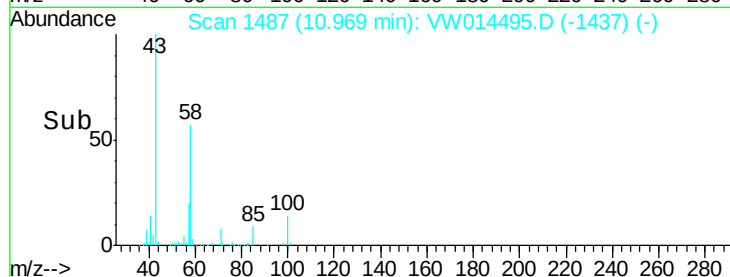
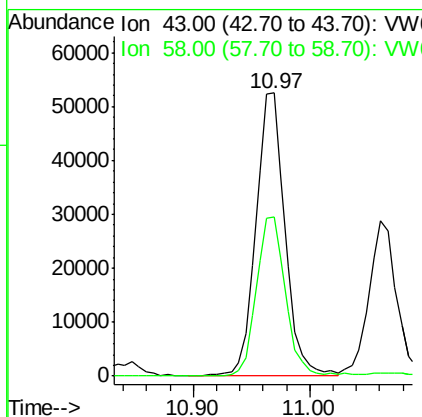
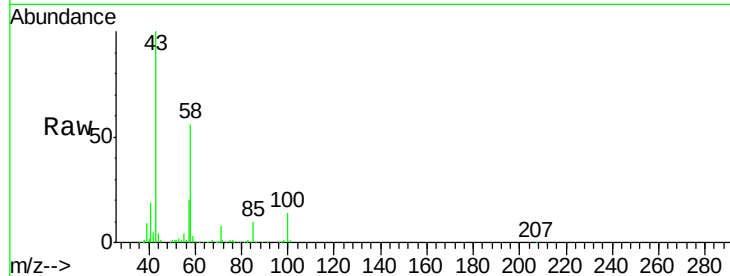
#59
2-Hexanone
Concen: 26.035 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion: 43 Resp: 91149
Ion Ratio Lower Upper
43 100
58 57.0 28.7 86.3

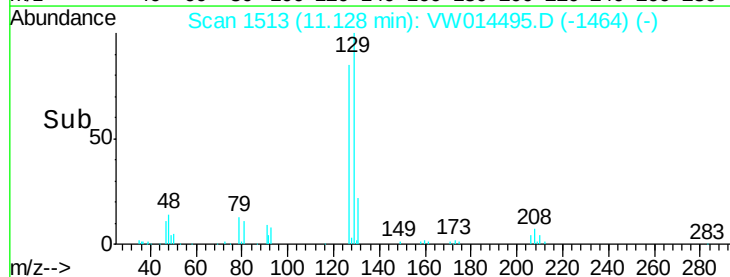
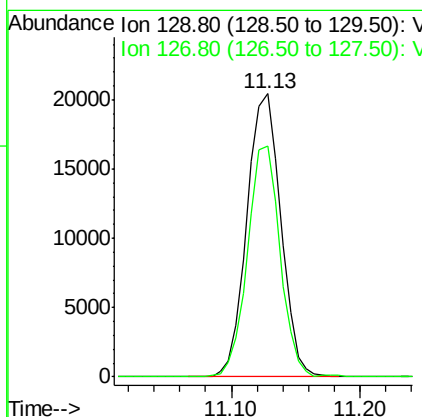
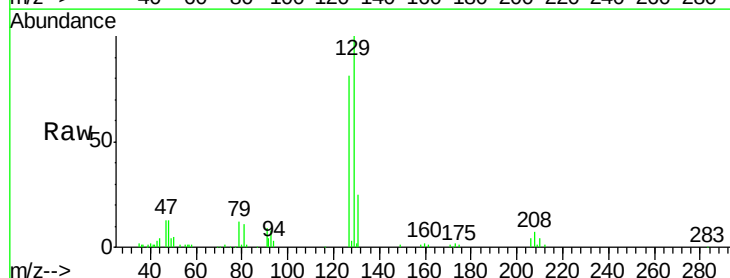
Manual Integrations
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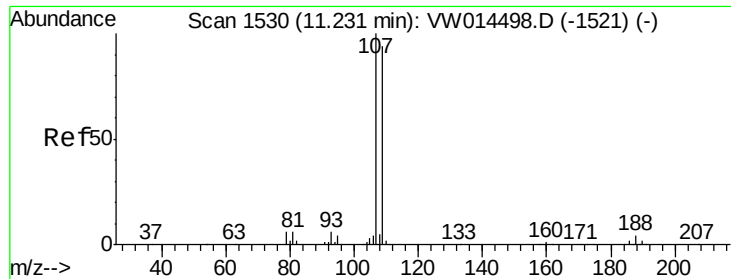
apatel
1/6/2020 10:42:50 AM



#60
Dibromochloromethane
Concen: 4.826 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Tgt Ion: 129 Resp: 37099
Ion Ratio Lower Upper
129 100
127 78.2 38.1 114.5





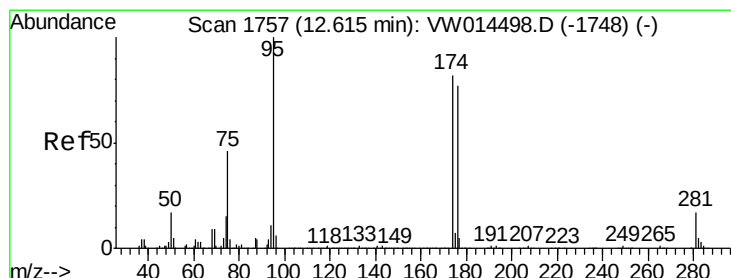
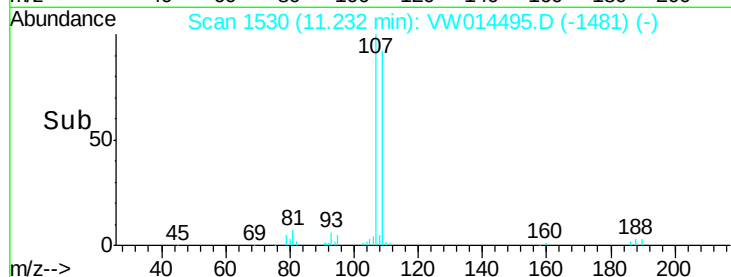
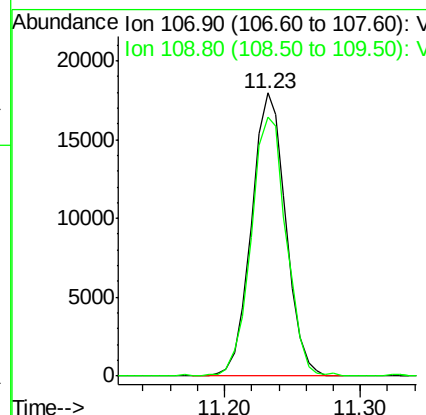
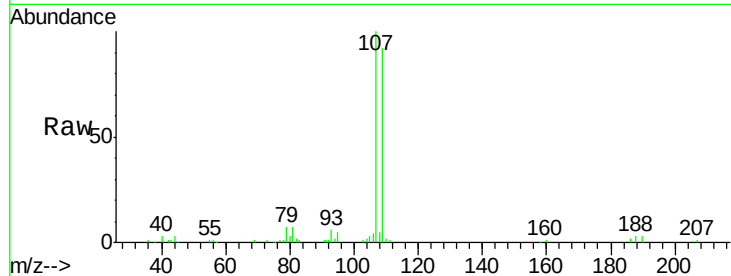
#61
 1,2-Dibromoethane
 Concen: 5.099 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW014495.D
 Acq: 03 Jan 2020 13:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.1	112.7

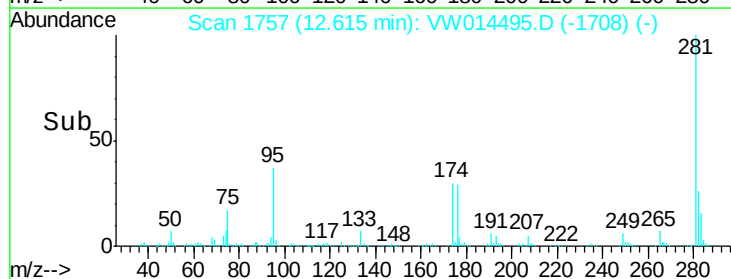
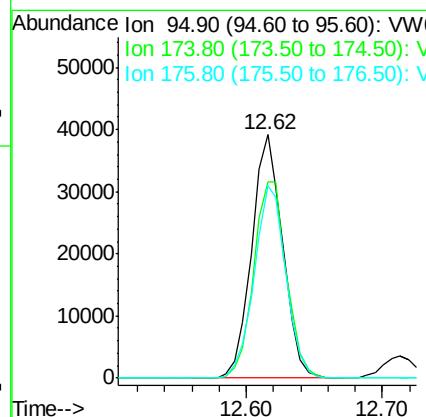
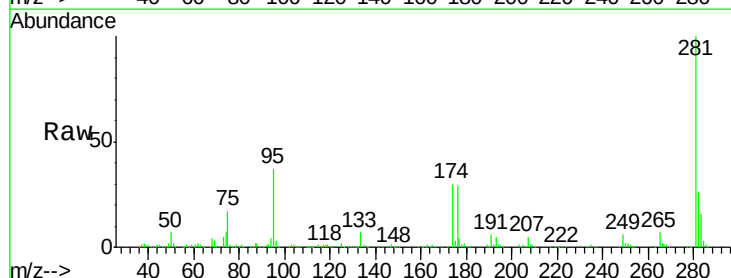
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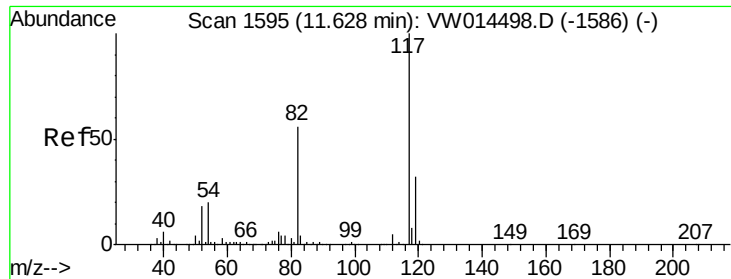
apatel
 1/6/2020 10:42:50 AM



#62
 4-Bromofluorobenzene
 Concen: 5.765 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW014495.D
 Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.6	0.0	168.6
176	81.4	0.0	162.0





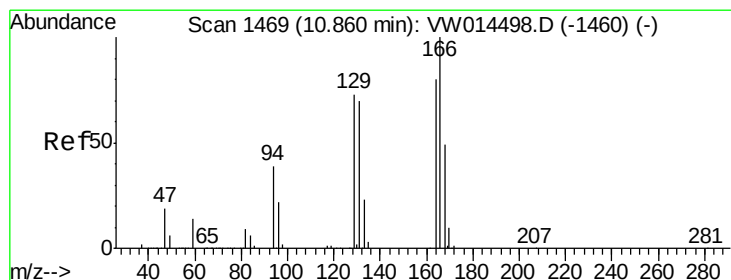
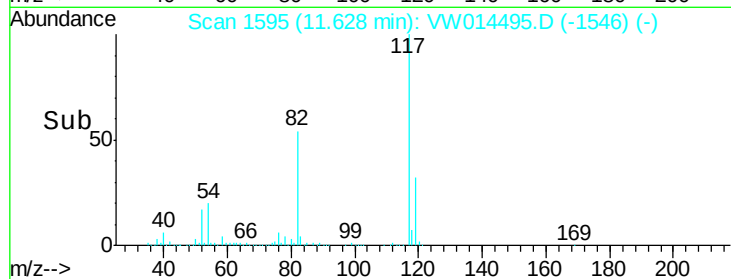
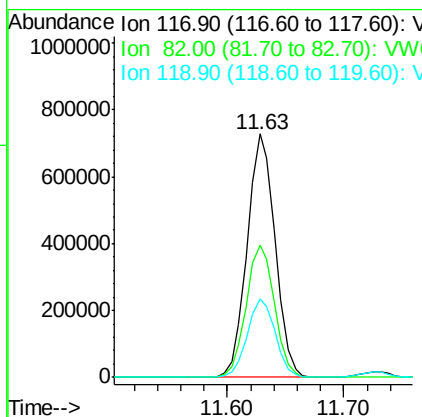
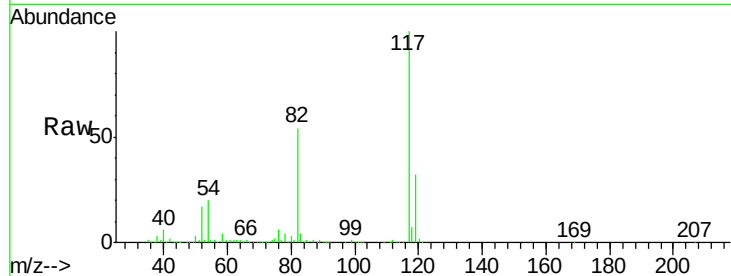
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.6	67.0
119	32.1	25.7	38.5

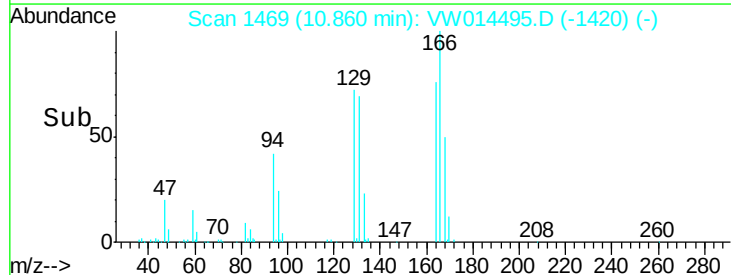
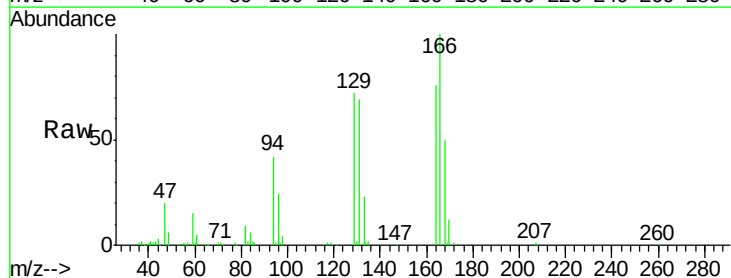
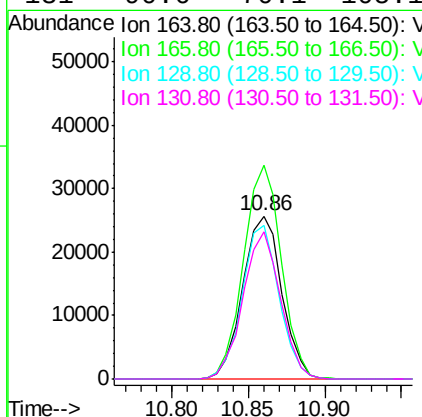
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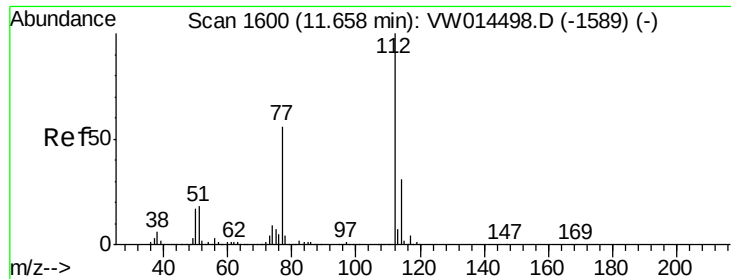
apatel
1/6/2020 10:42:50 AM



#64
Tetrachloroethene
Concen: 4.946 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.3	99.8	149.6
129	94.2	72.4	108.6
131	90.6	70.1	105.1





#65

Chlorobenzene

Concen: 5.042 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:112 Resp: 126399

Ion Ratio Lower Upper

112 100

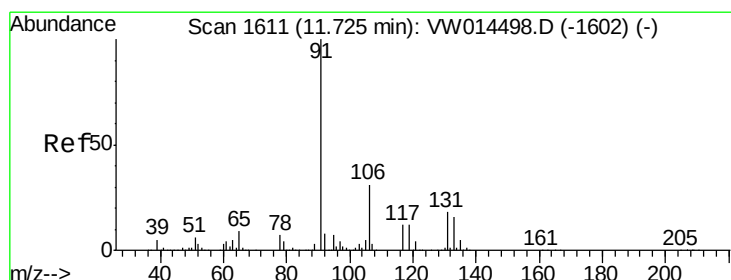
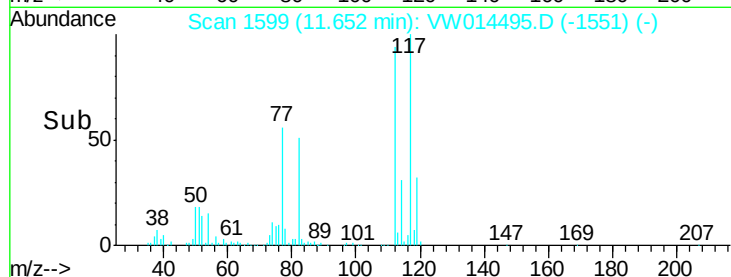
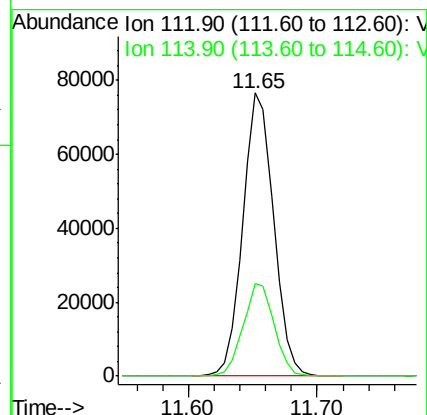
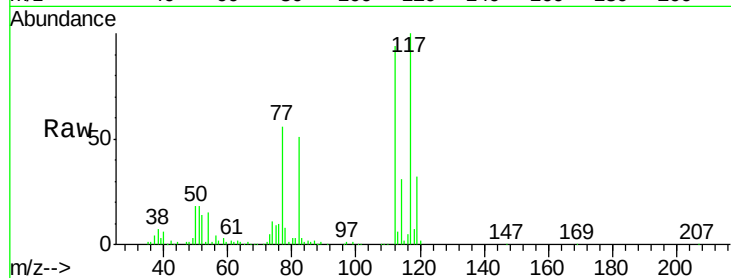
114 32.9 24.6 37.0

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#66

1,1,1,2-Tetrachloroethane

Concen: 4.765 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

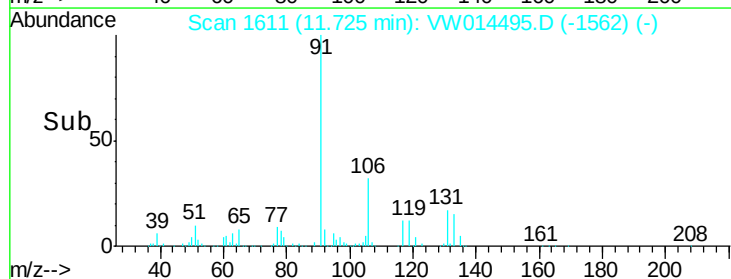
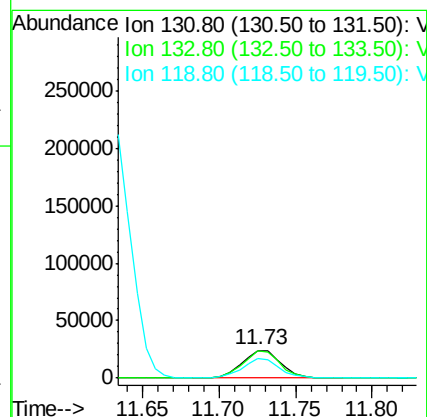
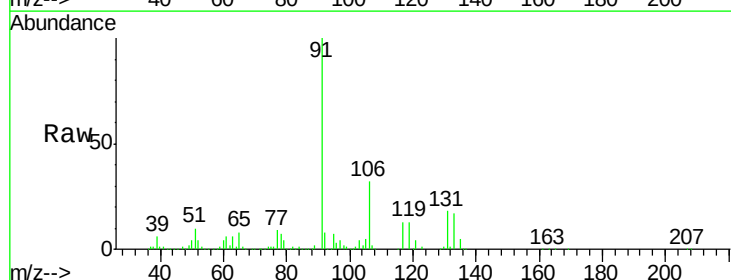
Tgt Ion:131 Resp: 41500

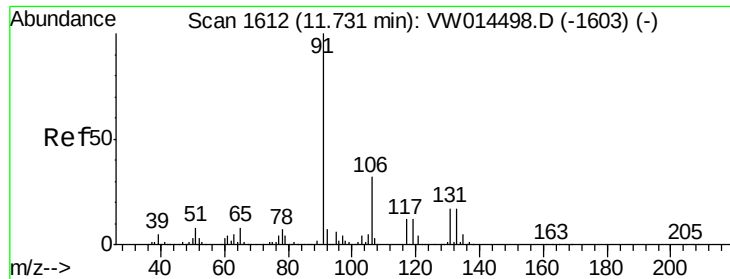
Ion Ratio Lower Upper

131 100

133 96.1 47.3 142.0

119 66.4 33.1 99.3





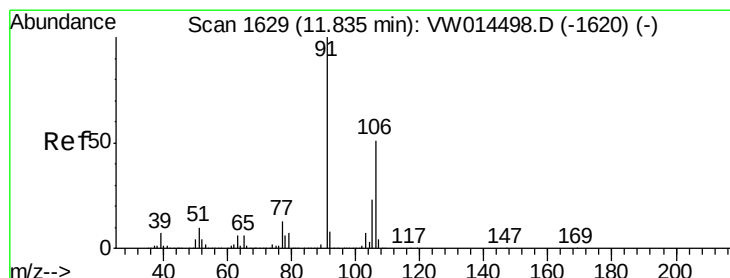
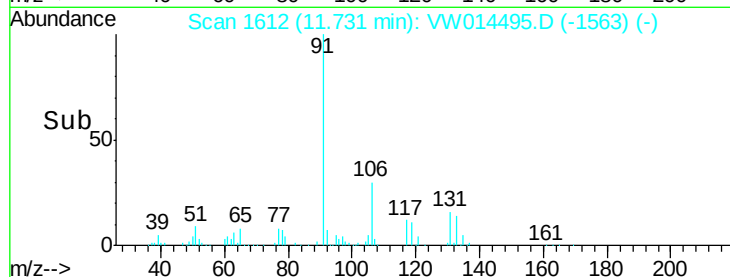
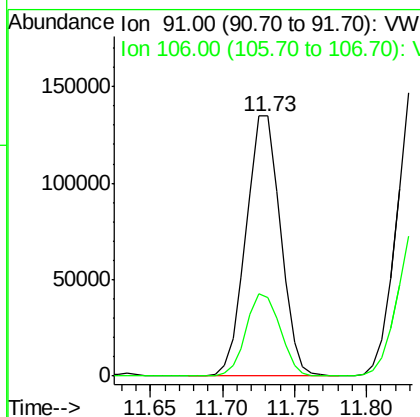
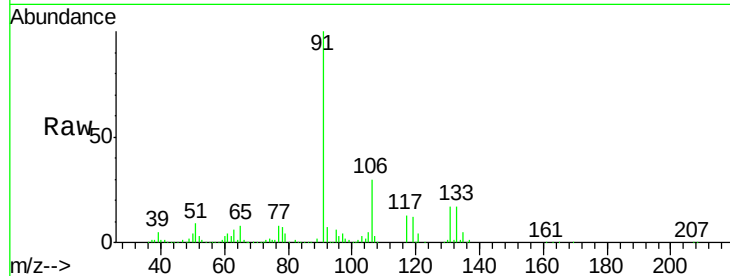
#67
Ethyl Benzene
Concen: 4.940 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.1	25.5	38.3

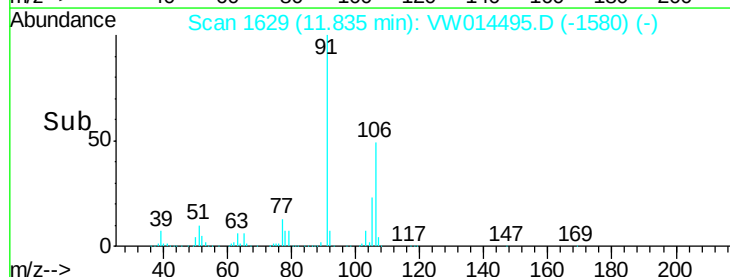
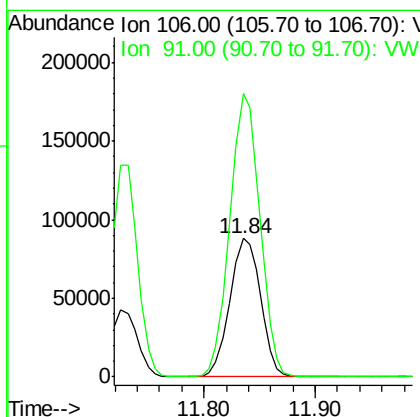
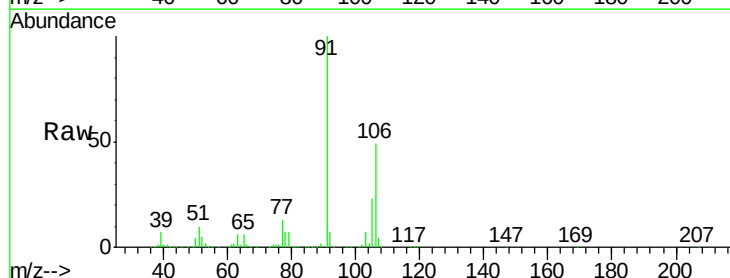
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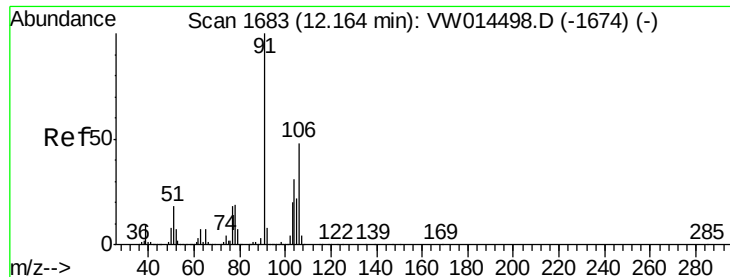
apatel
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#68
m/p-Xylenes
Concen: 9.692 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
106	100		
91	198.9	159.0	238.6





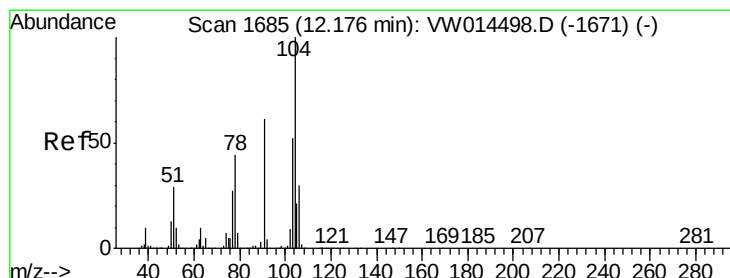
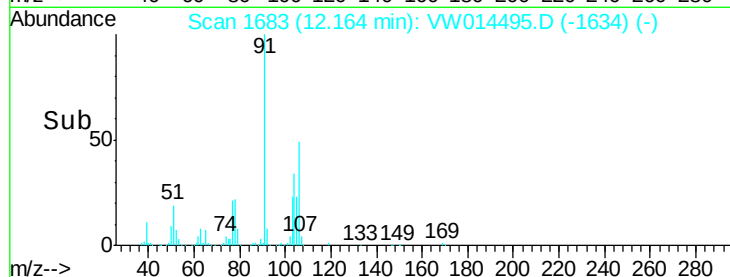
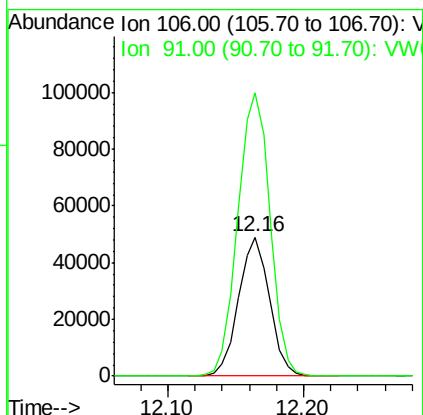
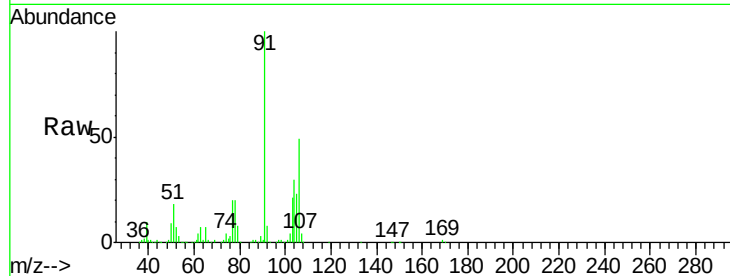
#69
o-Xylene
Concen: 4.830 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	213.9	105.2	315.6	

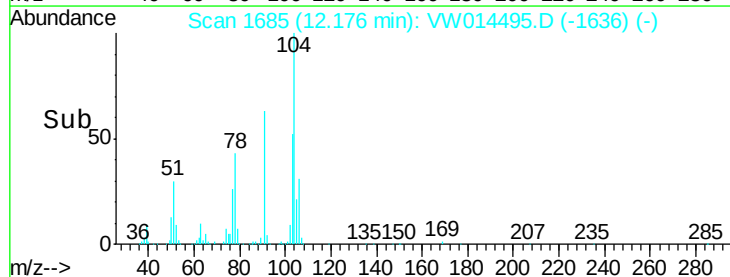
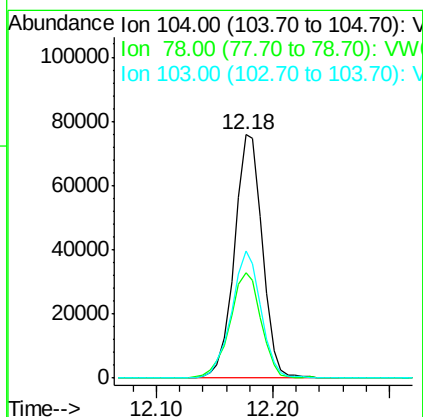
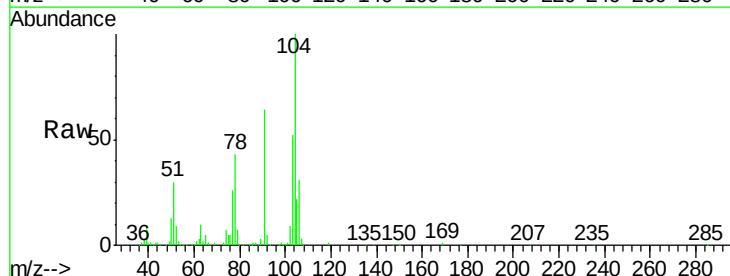
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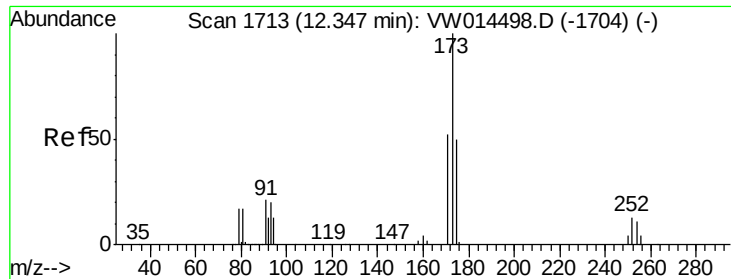
apatel
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#70
Styrene
Concen: 4.614 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.2	38.4	57.6	
103	55.0	43.7	65.5	





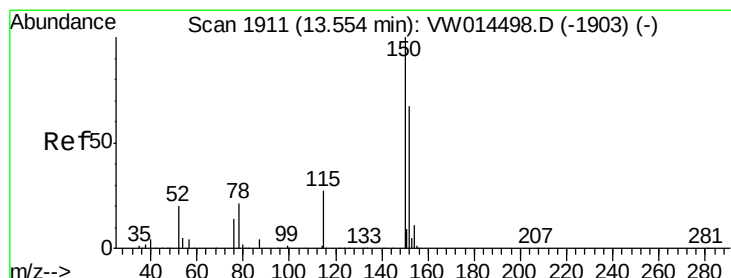
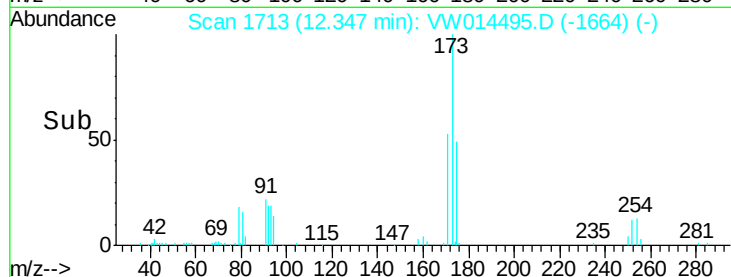
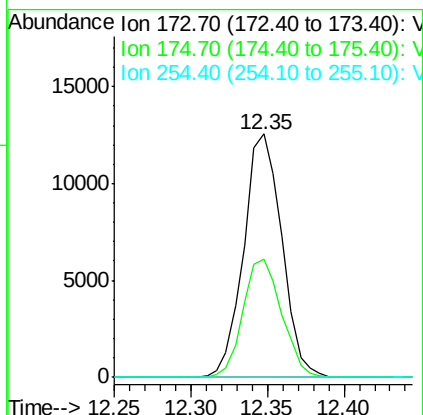
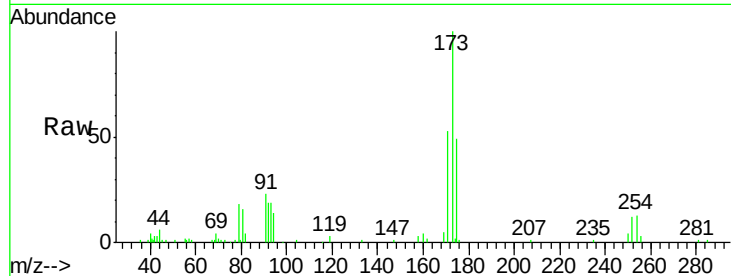
#71
Bromoform
Concen: 4.707 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.5	73.5
254	0.0	0.0	0.0

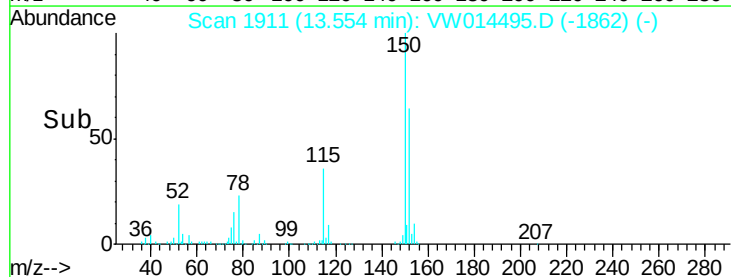
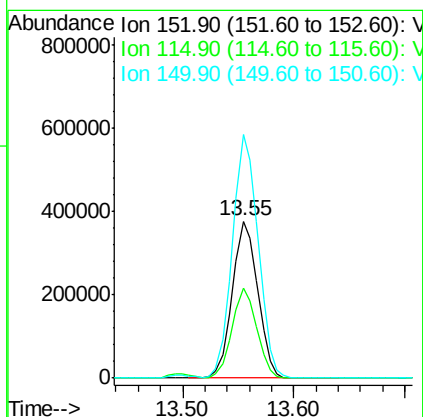
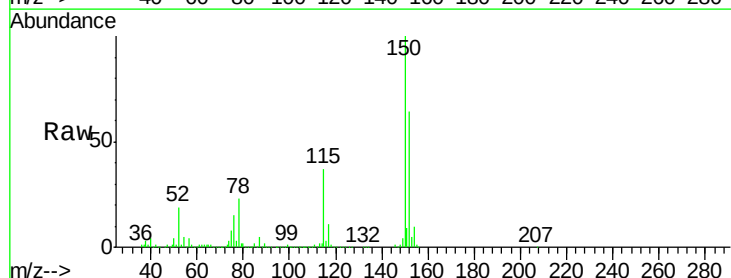
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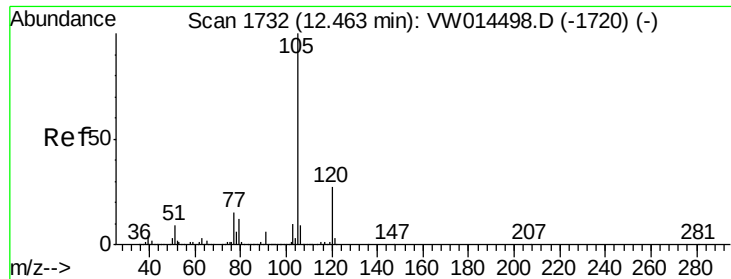
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.7	83.1
150	157.0	0.0	343.4





#73

Isopropylbenzene

Concen: 4.987 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 213308

Ion Ratio Lower Upper

105 100

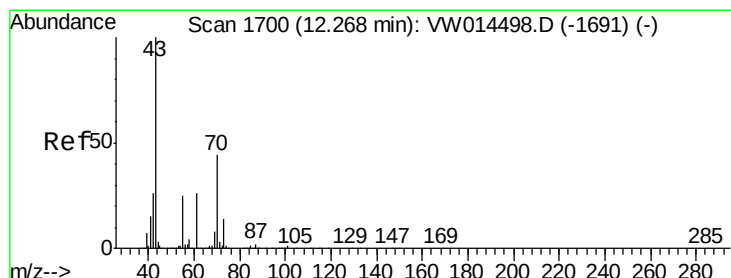
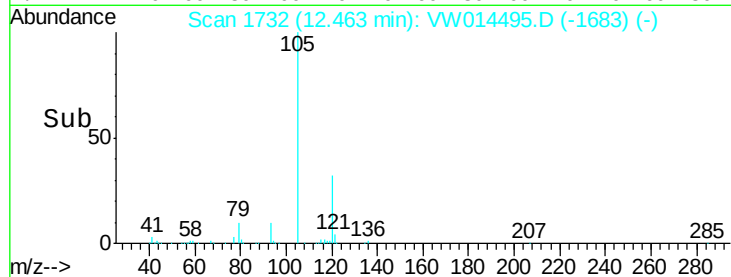
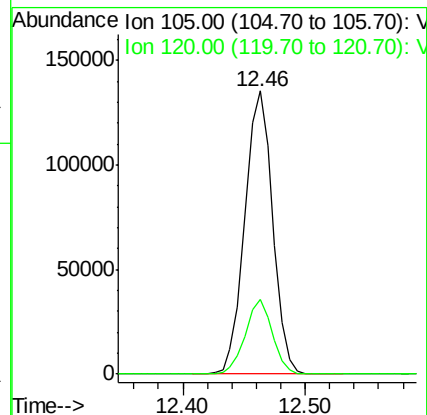
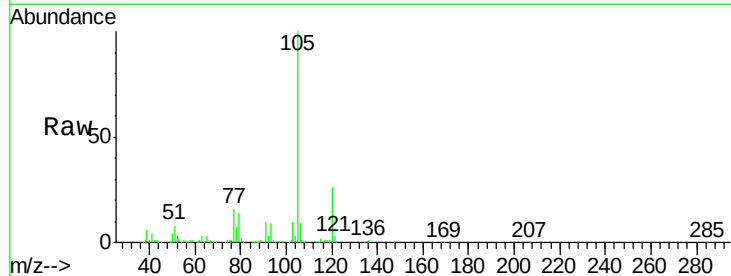
120 25.7 13.4 40.1

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#74

N-ethyl acetate

Concen: 5.093 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Tgt Ion: 43 Resp: 44046

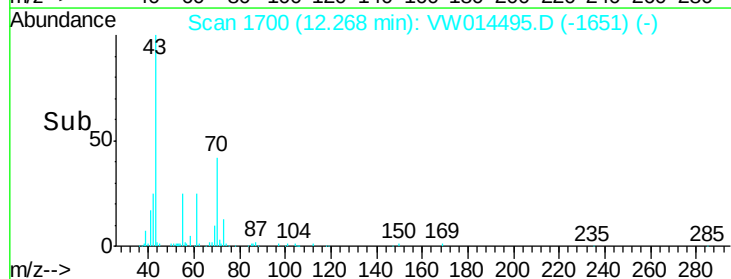
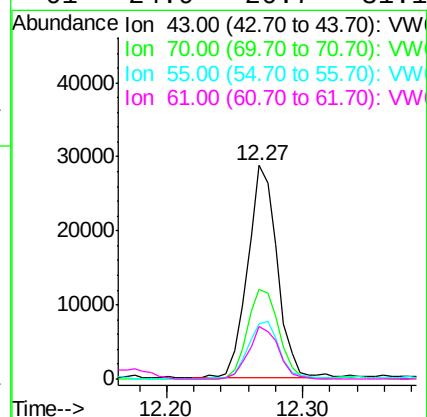
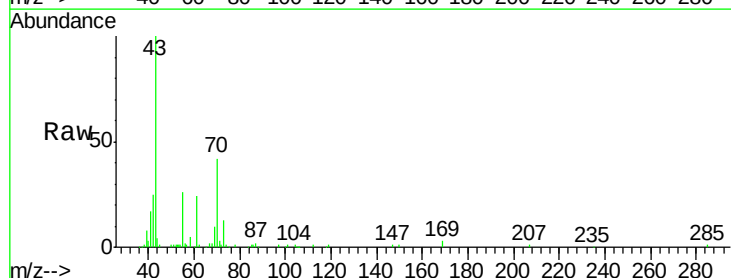
Ion Ratio Lower Upper

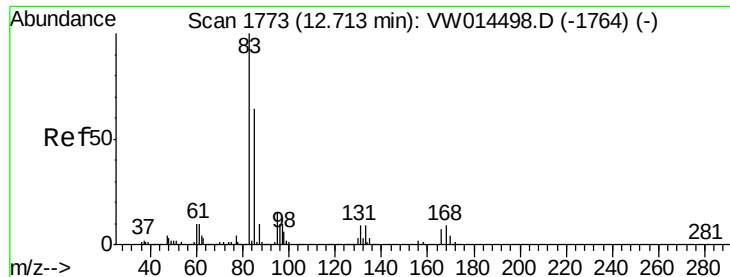
43 100

70 44.6 36.5 54.7

55 28.9 20.9 31.3

61 24.9 20.7 31.1





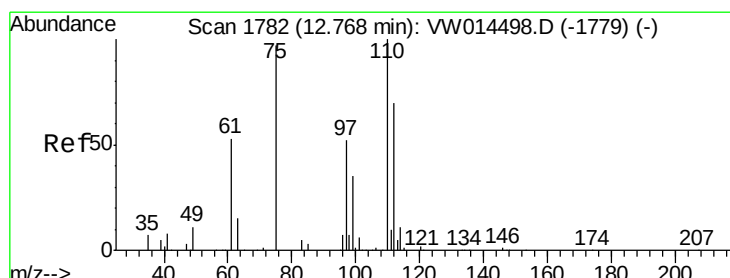
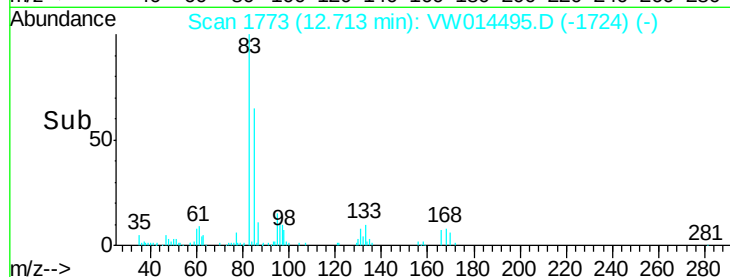
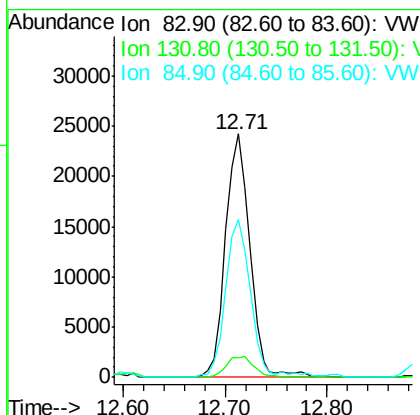
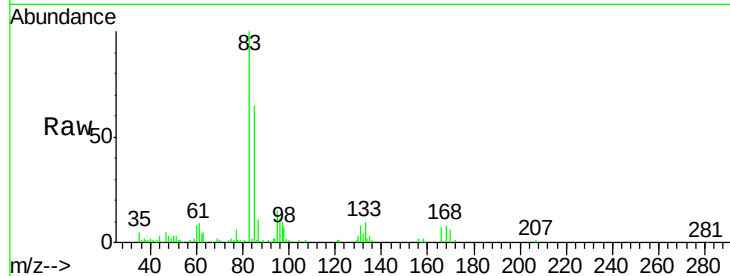
#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.743 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: VW014495.D
 Acq: 03 Jan 2020 13:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.1	15.4
85	64.5	31.9	95.7

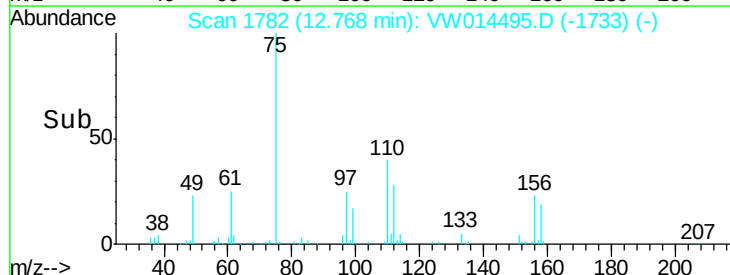
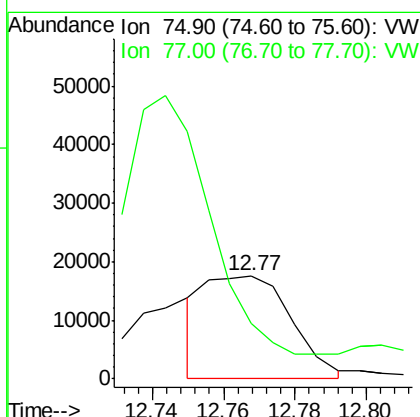
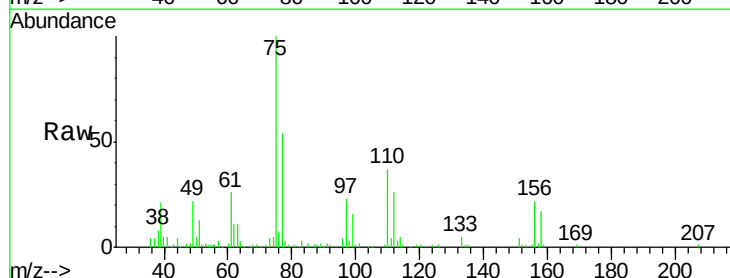
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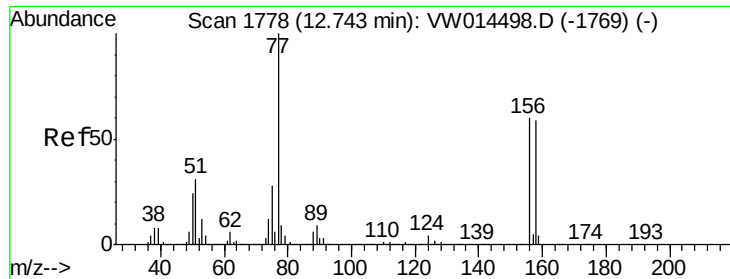
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#76
 1,2,3-Trichloropropane
 Concen: 6.483 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW014495.D
 Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





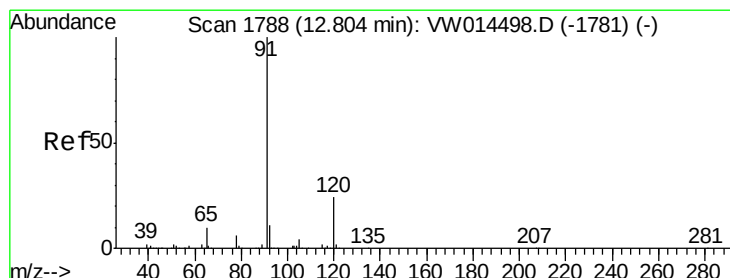
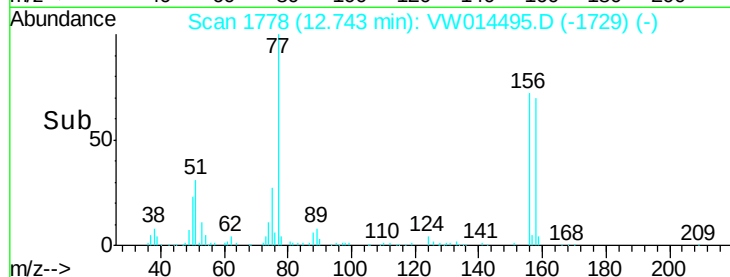
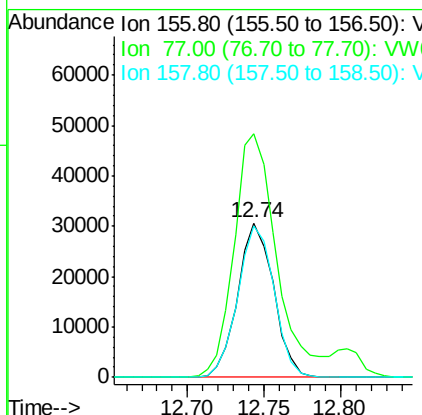
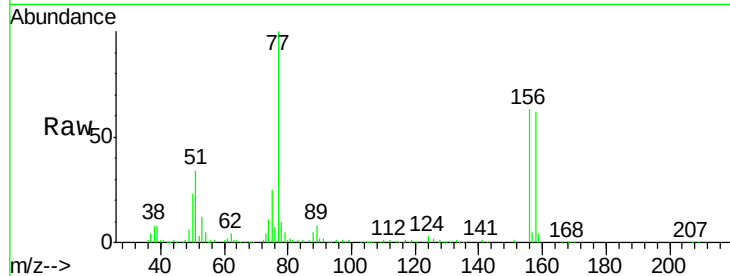
#77
Bromobenzene
Concen: 4.910 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	185.7	92.3	277.1
158	99.4	48.6	145.9

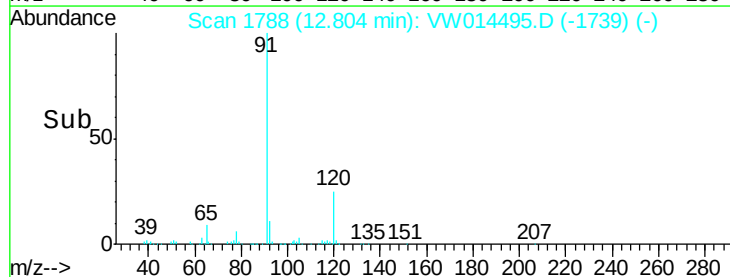
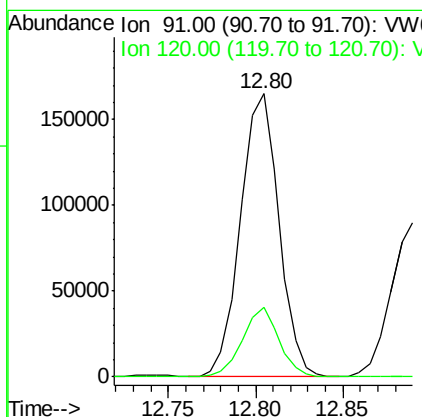
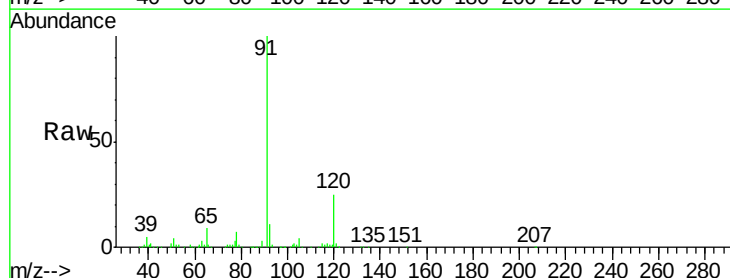
Manual Integrations
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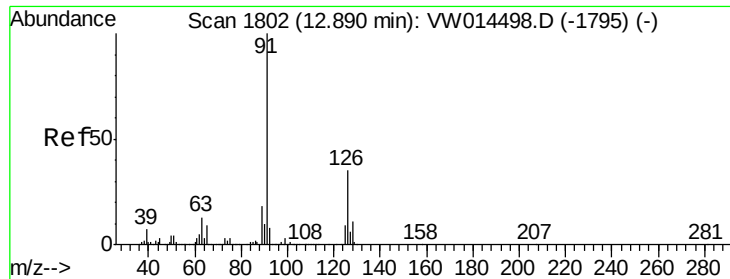
apatel
1/6/2020 10:42:50 AM



#78
n-propylbenzene
Concen: 5.058 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.7	35.1





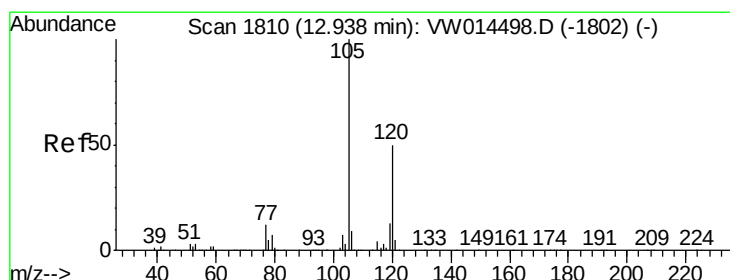
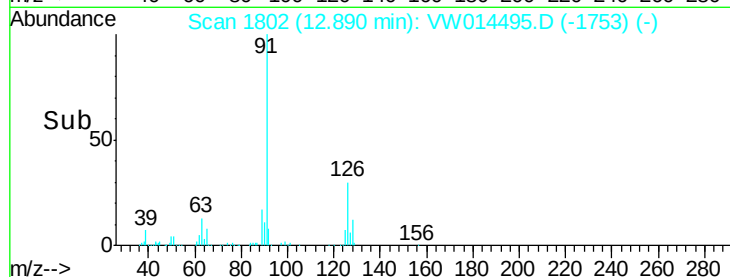
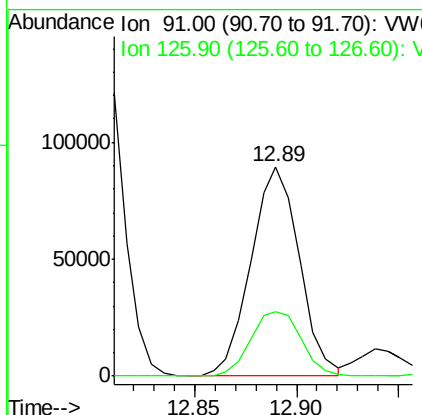
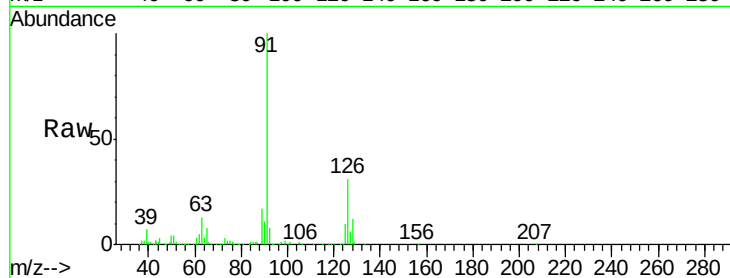
#79
 2-Chlorotoluene
 Concen: 5.264 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW014495.D
 Acq: 03 Jan 2020 13:03

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tot Ion: 91 Resp: 146909
 Ion Ratio Lower Upper
 91 100
 126 32.5 17.1 51.2

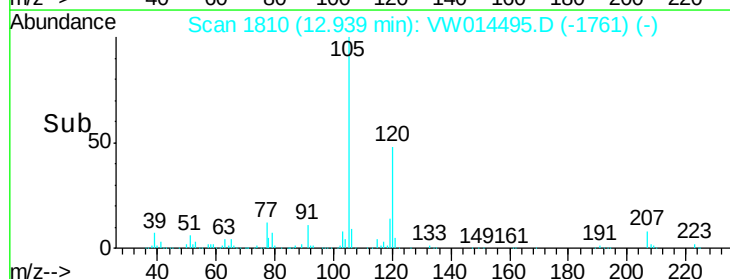
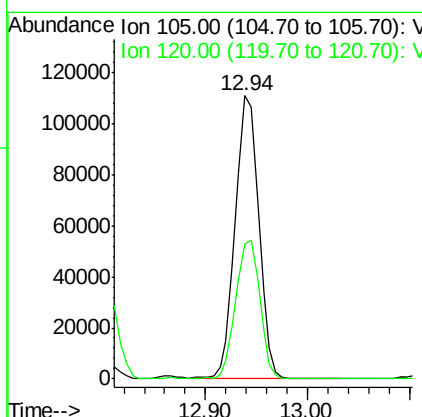
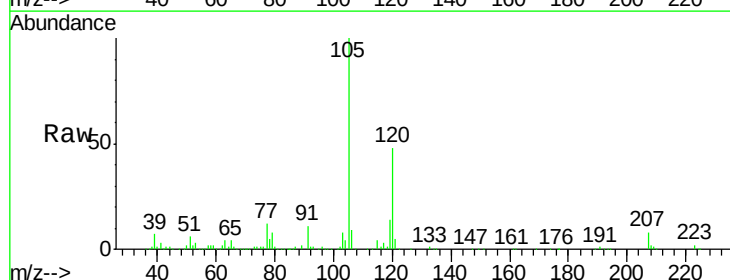
Manual Integrations
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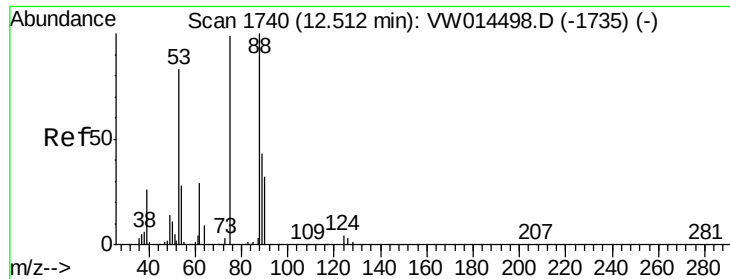
apatel
 1/6/2020 10:42:50 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 4.938 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW014495.D
 Acq: 03 Jan 2020 13:03

Tgt Ion: 105 Resp: 177700
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.2 75.6





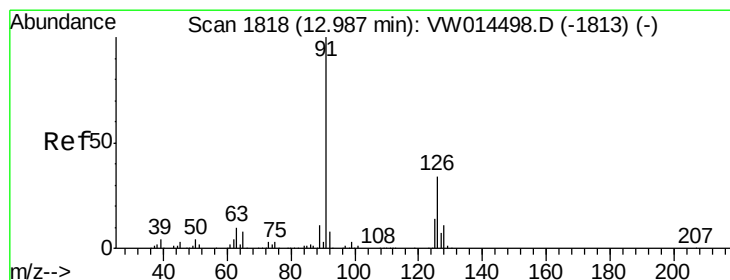
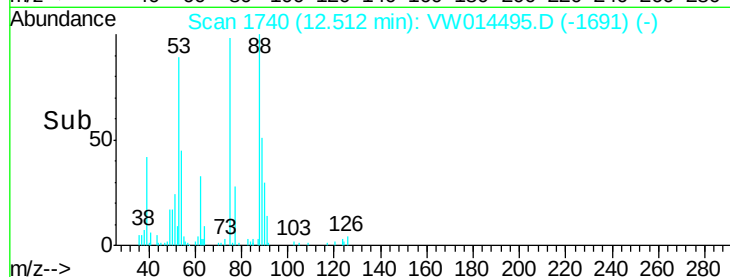
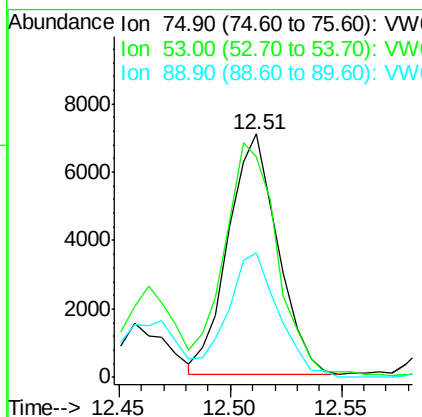
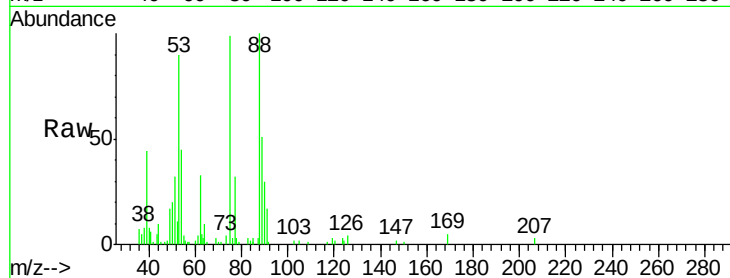
#81
trans-1,4-Dichloro-2-butene
Concen: 4.655 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.6	70.9	106.3
89	53.7	35.8	53.8

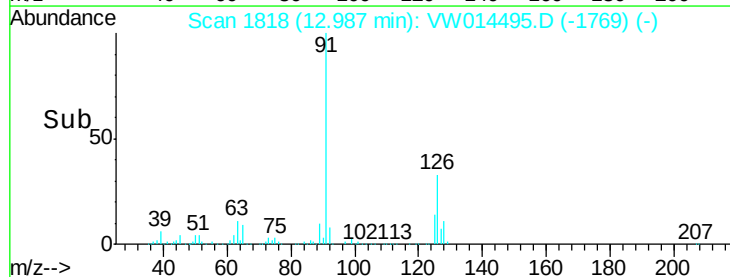
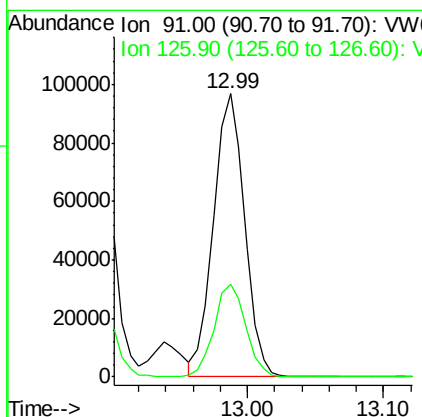
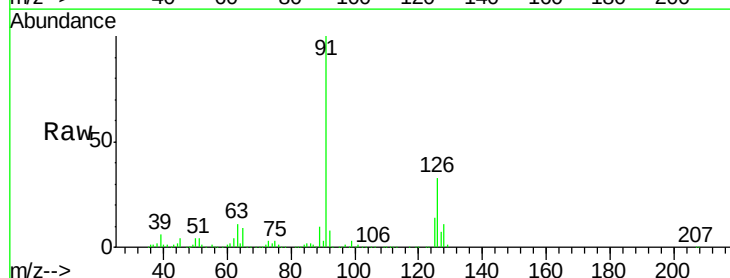
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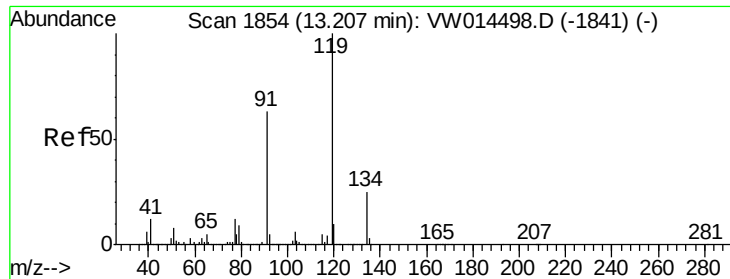
apatel
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#82
4-Chlorotoluene
Concen: 5.248 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	17.1	51.2





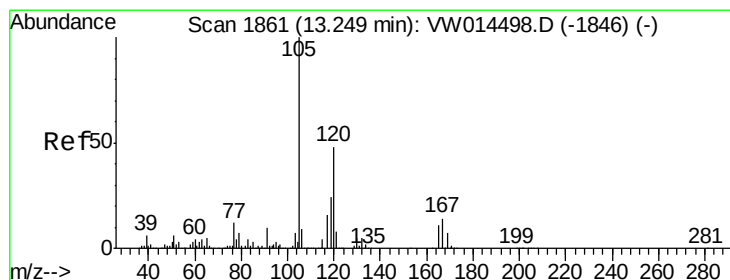
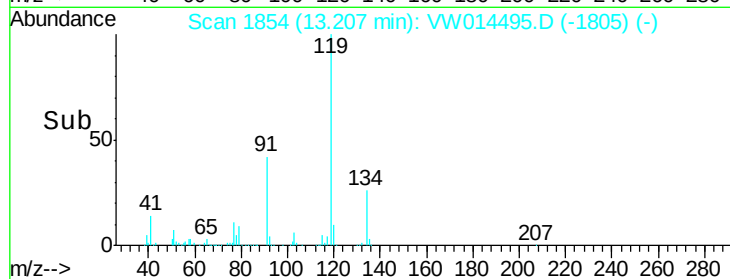
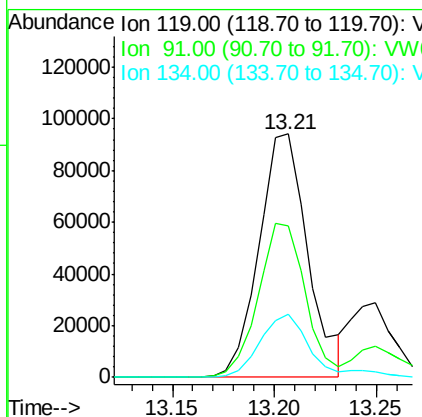
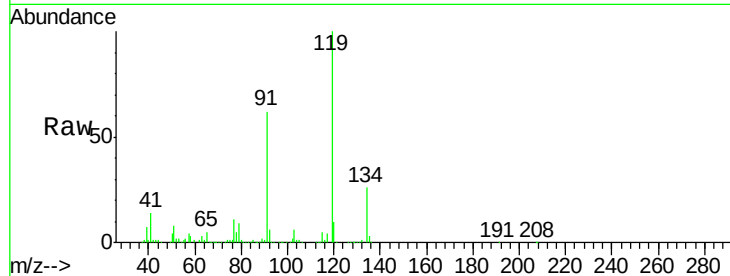
#83
tert-Butylbenzene
Concen: 4.925 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.7	31.1	93.3
134	27.4	13.5	40.5

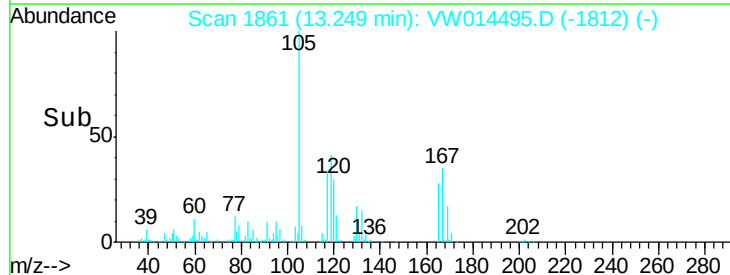
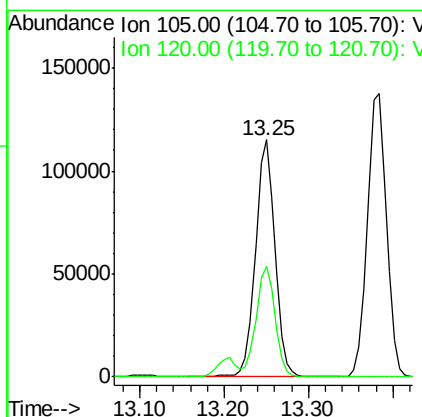
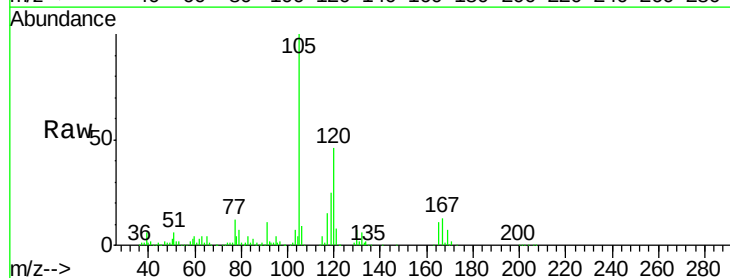
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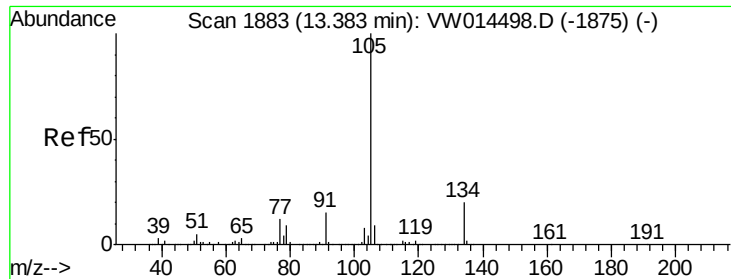
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 5.078 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.4	70.0





#85

sec-Butylbenzene

Concen: 4.971 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampled :

VSTDIC005

Tot Ion:105 Resp: 217424

Ion Ratio Lower Upper

105 100

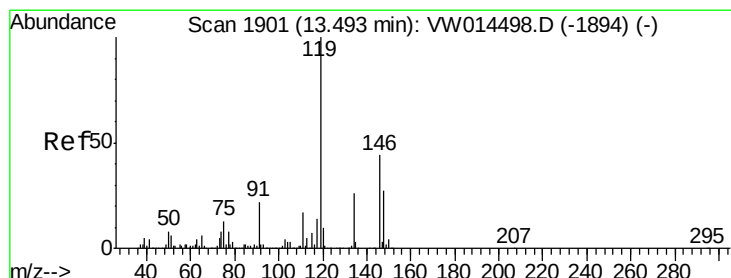
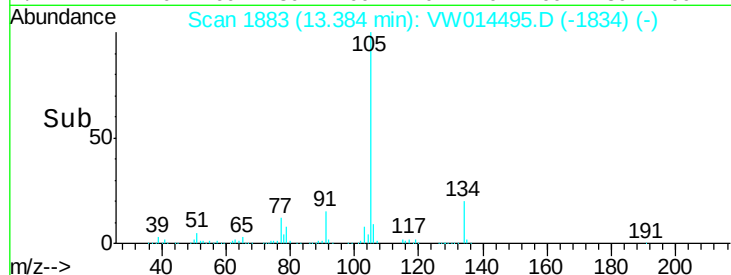
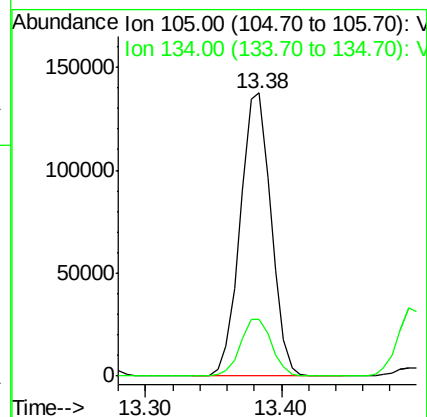
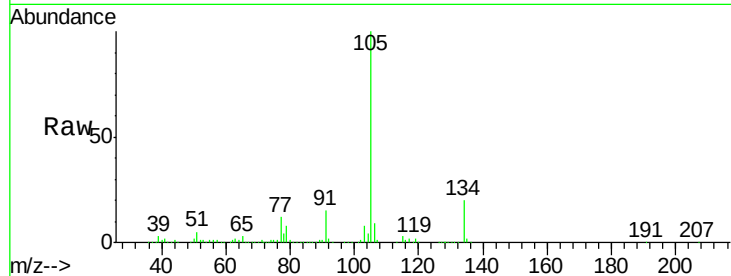
134 20.5 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 4.851 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. 0.00 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

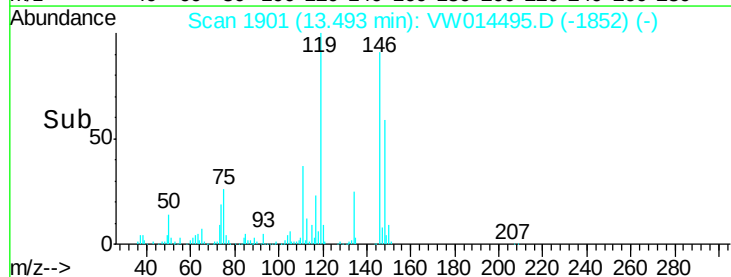
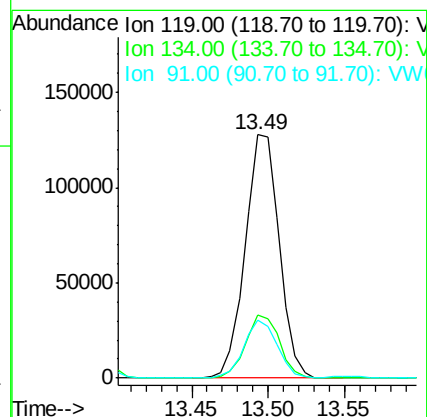
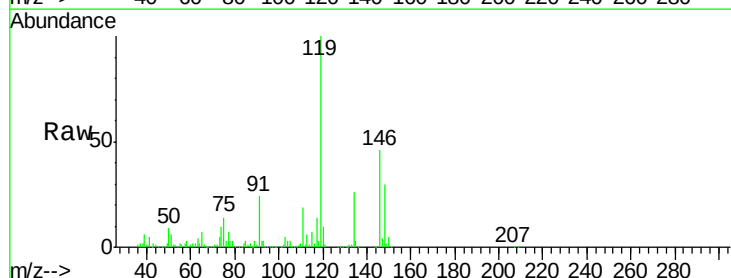
Tgt Ion:119 Resp: 197015

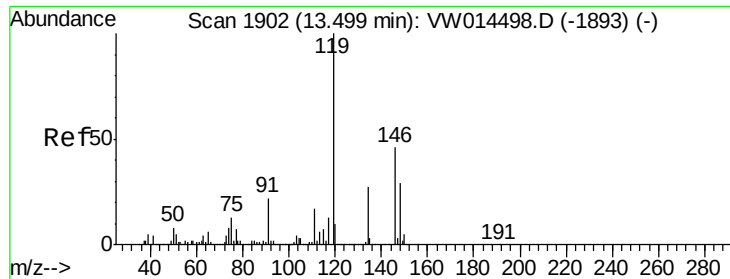
Ion Ratio Lower Upper

119 100

134 25.9 13.2 39.5

91 23.2 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 5.101 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

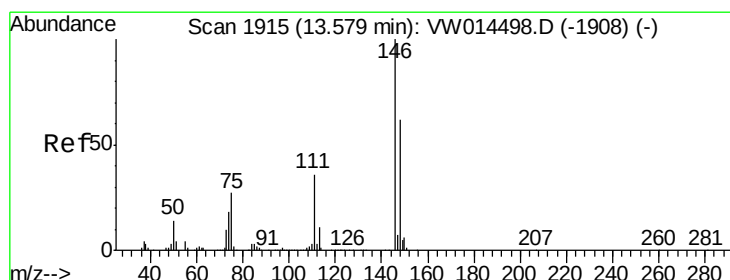
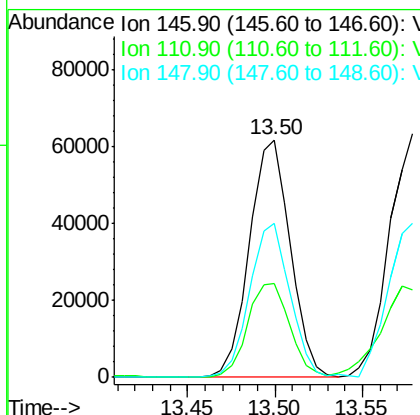
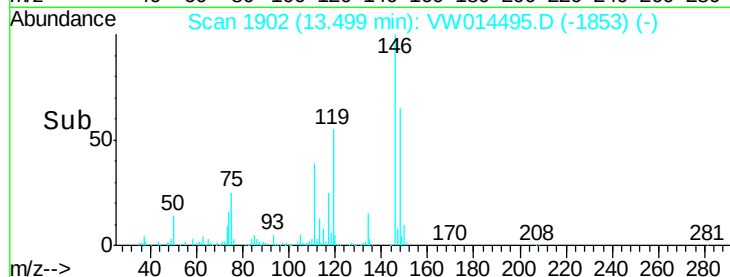
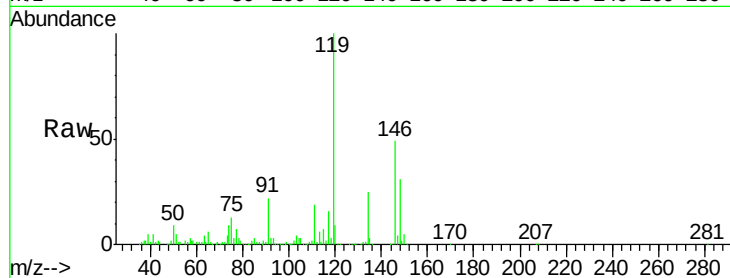
Instrument :
MSVOA_W

ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.3	57.9
148	64.0	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 5.080 ug/l

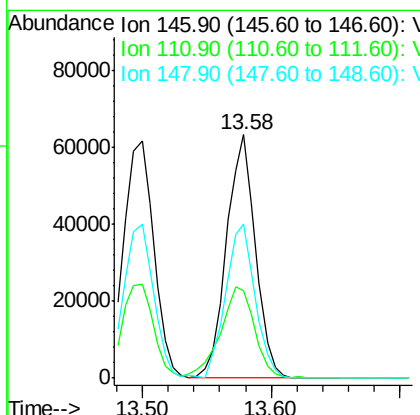
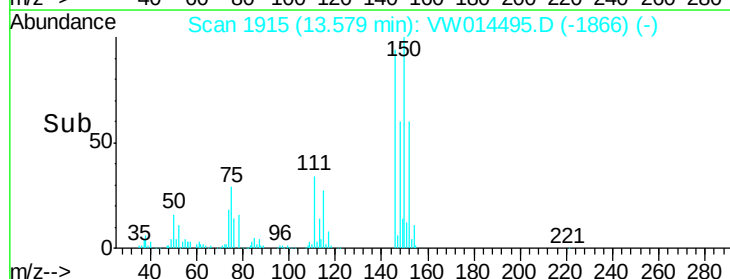
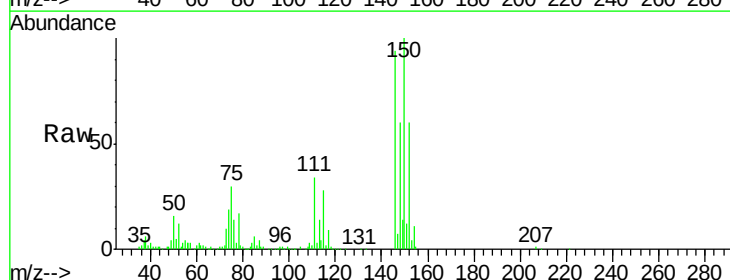
RT: 13.58 min Scan# 1915

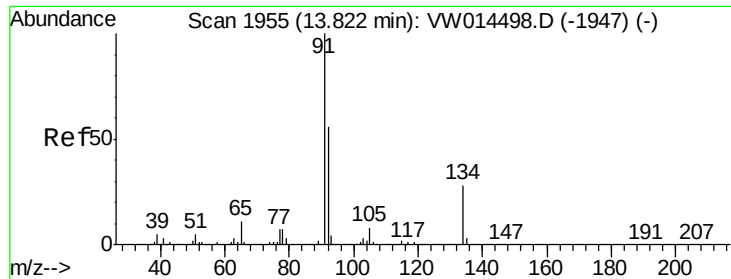
Delta R.T. 0.00 min

Lab File: VW014495.D

Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.6	18.7	56.1
148	64.3	31.7	95.1





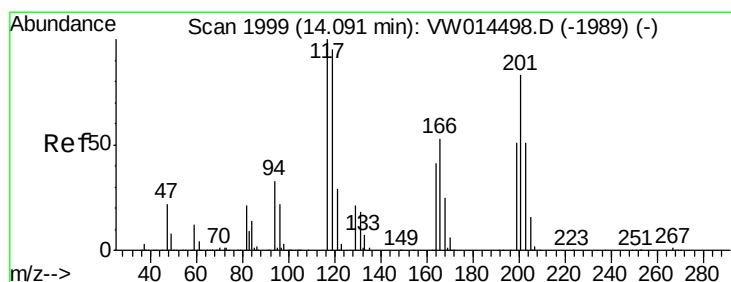
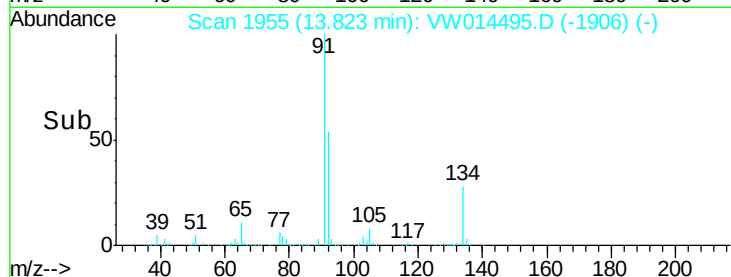
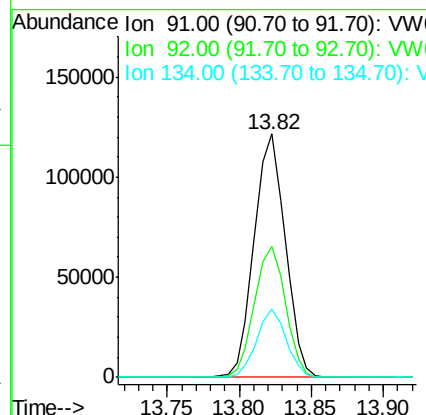
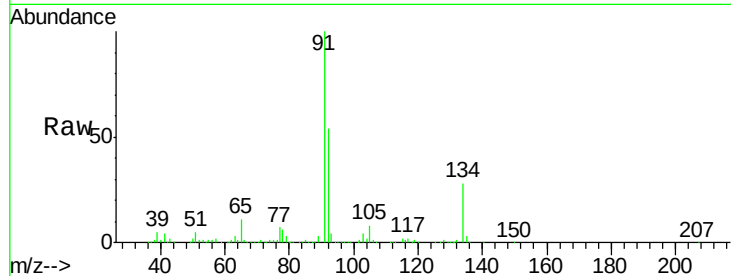
#89
n-Butylbenzene
Concen: 4.911 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
91	100	180907		
92	53.9		27.5	82.5
134	27.2		13.7	41.1

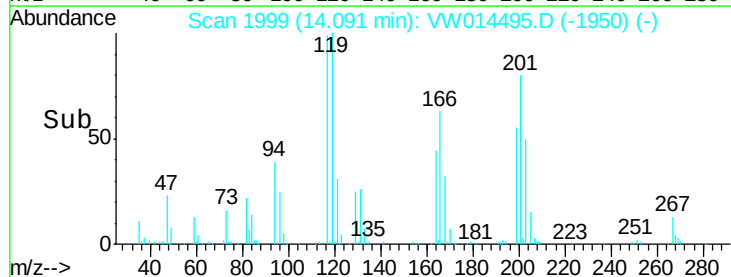
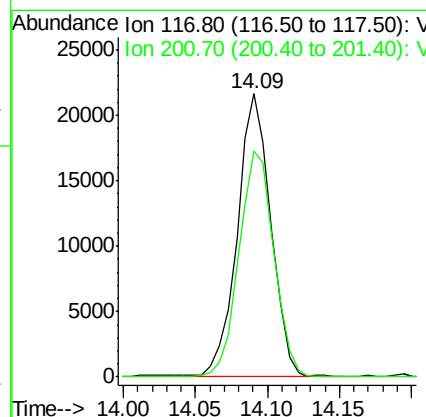
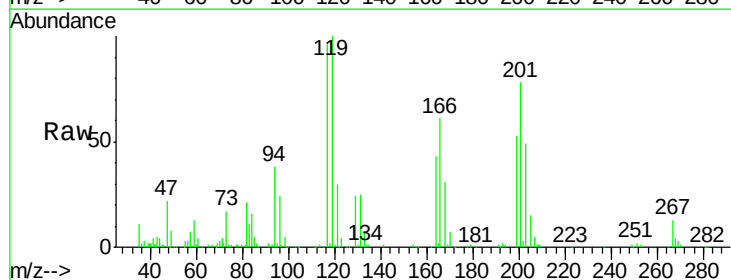
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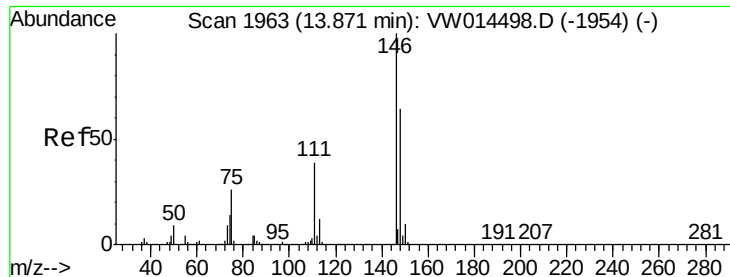
apatel
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#90
Hexachloroethane
Concen: 4.961 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	34983		
201	82.9		43.0	128.8





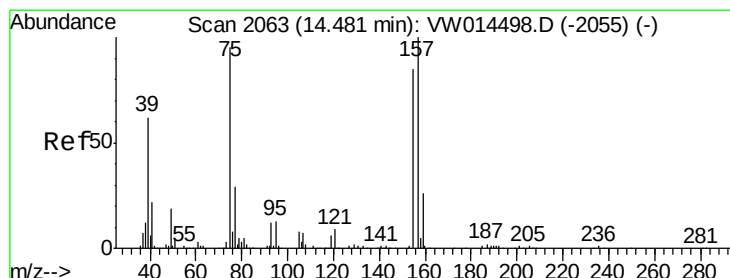
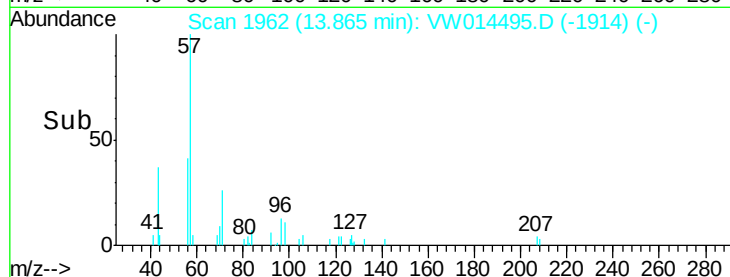
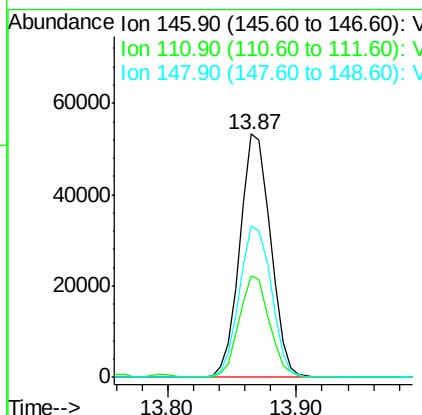
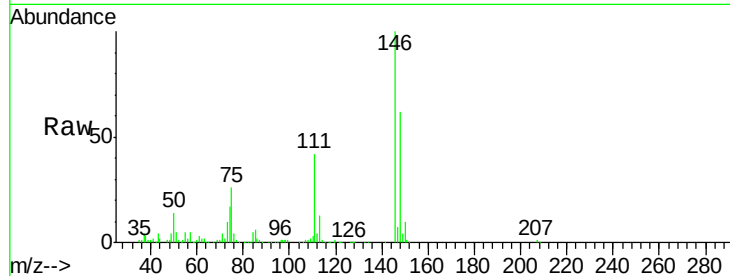
#91
 1,2-Dichlorobenzene
 Concen: 5.144 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014495.D
 Acq: 03 Jan 2020 13:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.4	61.3
148	64.7	32.3	96.8

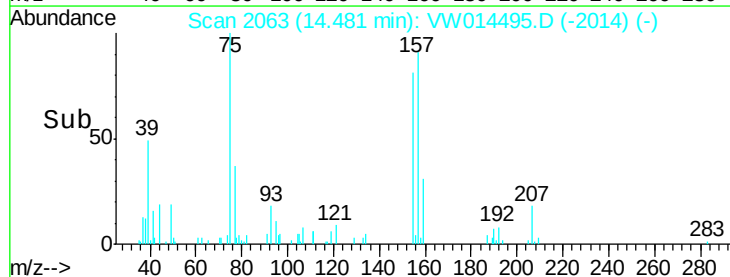
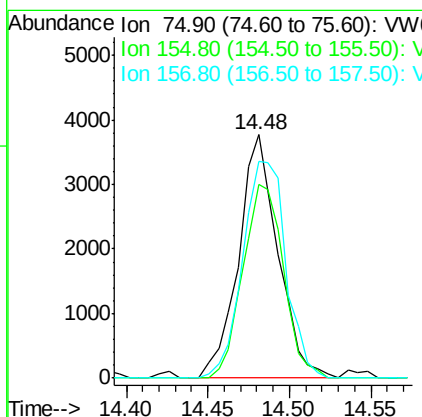
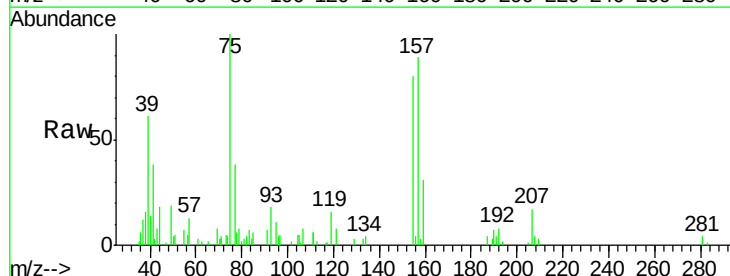
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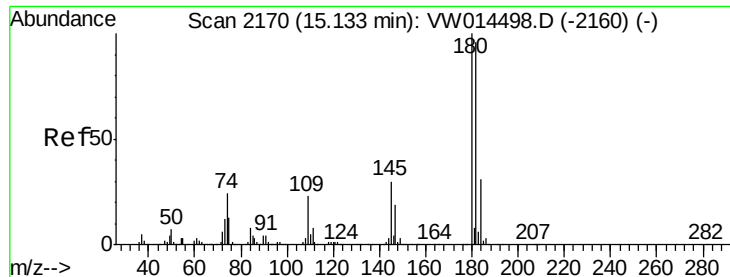
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.881 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW014495.D
 Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.0	45.8	137.4
157	97.6	58.1	174.2





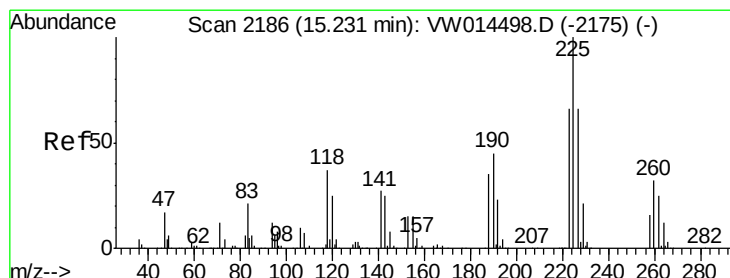
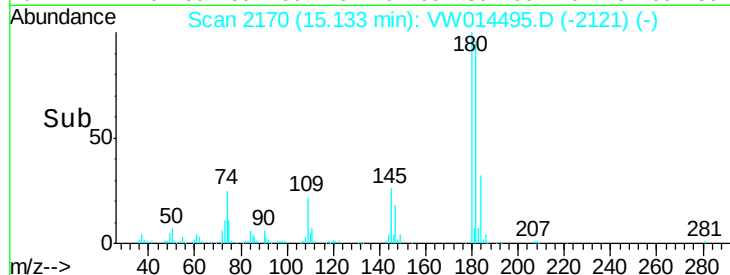
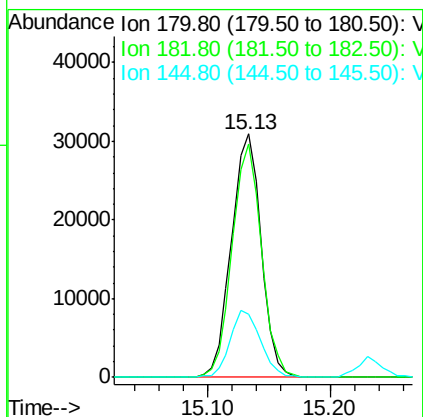
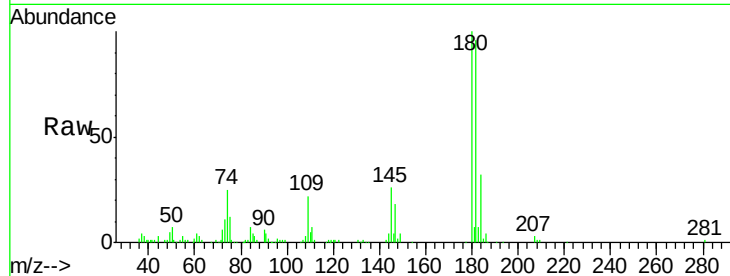
#93
 1,2,4-Trichlorobenzene
 Concen: 4.181 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW014495.D
 Acq: 03 Jan 2020 13:03

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
180	100	51850		
182	94.8	47.3	141.8	
145	28.1	14.7	44.1	

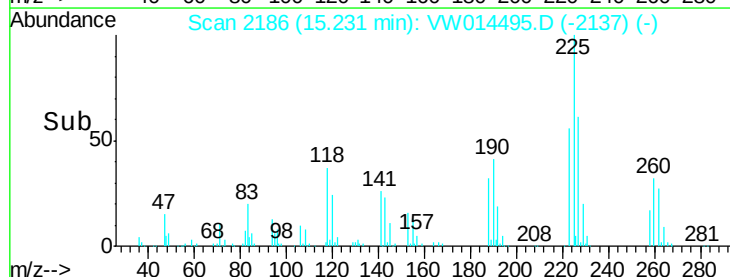
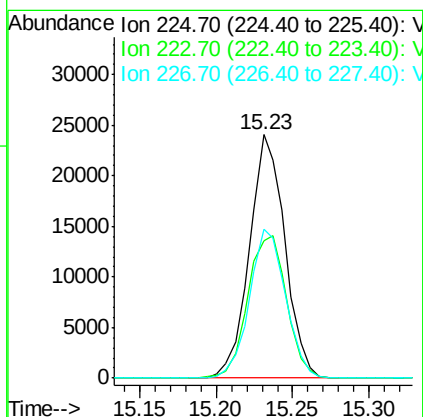
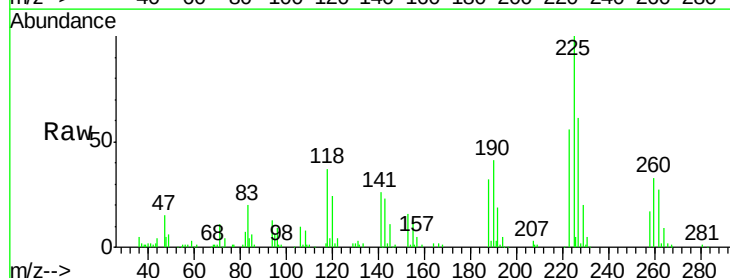
Manual Integrations
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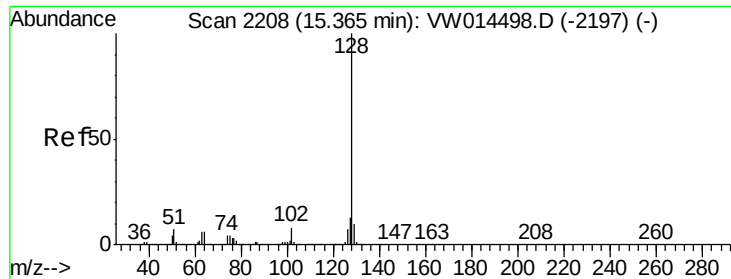
apatel
 1/6/2020 10:42:50 AM



#94
 Hexachlorobutadiene
 Concen: 4.663 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VW014495.D
 Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	38799		
223	64.2	32.4	97.2	
227	62.3	32.6	97.8	





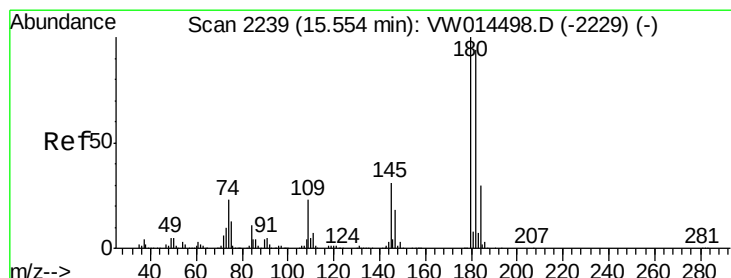
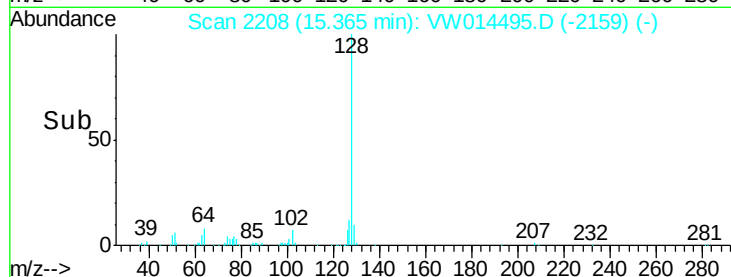
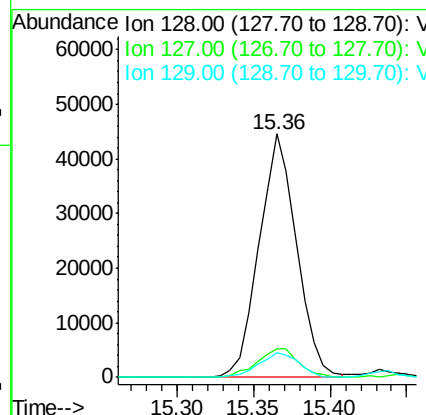
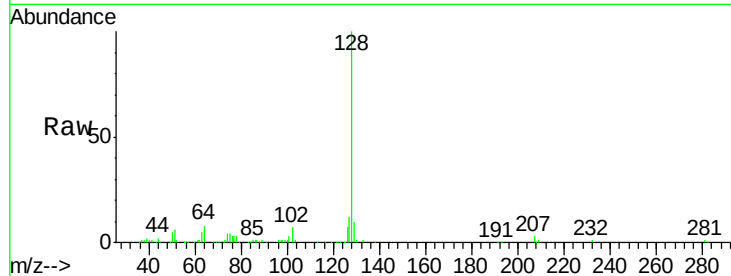
#95
Naphthalene
Concen: 3.802 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.7	8.7	13.1

Manual Integrations
APPROVED

apatel
1/6/2020 10:42:50 AM



#96
1,2,3-Trichlorobenzene
Concen: 4.277 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW014495.D
Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.2
145	32.5	15.5	46.5

