

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014515.D
 Acq On : 03 Jan 2020 22:35
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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apatel
 1/6/2020 10:43:39 AM

Quant Time: Jan 06 01:29:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	752247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1076714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	919361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	458356	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	343779	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
35) Dibromofluoromethane	7.88	113	320640	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
50) Toluene-d8	10.32	98	1354253	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.62	95	443563	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	227929	53.664	ug/l	97
3) Chloromethane	2.21	50	242823	46.707	ug/l	99
4) Vinyl Chloride	2.36	62	407530	53.295	ug/l	96
5) Bromomethane	2.78	94	230846	48.870	ug/l	98
6) Chloroethane	2.92	64	222383	51.018	ug/l	99
7) Trichlorofluoromethane	3.25	101	172247	45.022	ug/l	99
8) Diethyl Ether	3.68	74	189905	49.888	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	398134	55.695	ug/l	100
10) Methyl Iodide	4.28	142	523298	48.517	ug/l	99
11) Tert butyl alcohol	5.16	59	149000	298.248	ug/l	99
12) 1,1-Dichloroethene	4.04	96	402054	53.707	ug/l	99
13) Acrolein	3.89	56	169239	294.818	ug/l	98
14) Allyl chloride	4.67	41	575531	50.310	ug/l	99
15) Acrylonitrile	5.36	53	516821	297.025	ug/l	99
16) Acetone	4.12	43	416901	224.487	ug/l	98
17) Carbon Disulfide	4.39	76	1195777	52.998	ug/l	98
18) Methyl Acetate	4.67	43	262389	58.501	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	485123	52.206	ug/l	97
20) Methylene Chloride	4.92	84	386271	51.565	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	403678	50.785	ug/l	97
22) Diisopropyl ether	6.31	45	1088826	50.851	ug/l	99
23) Vinyl Acetate	6.25	43	3570249	276.122	ug/l	100
24) 1,1-Dichloroethane	6.21	63	681169	50.432	ug/l	99
25) 2-Butanone	7.17	43	659075	276.539	ug/l	98
26) 2,2-Dichloropropane	7.16	77	342620	45.818	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	406721	48.696	ug/l	98
28) Bromochloromethane	7.51	49	286783	54.158	ug/l	97
29) Tetrahydrofuran	7.52	42	440409	298.285	ug/l	99
30) Chloroform	7.67	83	628626	49.770	ug/l	99
31) Cyclohexane	7.95	56	750837	53.491	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	526960	51.875	ug/l	99
36) 1,1-Dichloropropene	8.08	75	578810	55.762	ug/l	99
37) Ethyl Acetate	7.25	43	287639	61.100	ug/l	99
38) Carbon Tetrachloride	8.07	117	502987	55.855	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	775568	58.223	ug/l	98
40) Benzene	8.32	78	1530389	52.109	ug/l	100
41) Methacrylonitrile	7.48	41	154263	58.784	ug/l	97
42) 1,2-Dichloroethane	8.40	62	407982	53.531	ug/l	98
43) Isopropyl Acetate	8.42	43	515324	60.282	ug/l	98
44) Trichloroethene	9.09	130	415439	52.276	ug/l	95
45) 1,2-Dichloropropane	9.37	63	374470	51.961	ug/l	98
46) Dibromomethane	9.46	93	191476	53.819	ug/l	99
47) Bromodichloromethane	9.64	83	460038	52.374	ug/l	99
48) Methyl methacrylate	9.43	41	253153	60.653	ug/l	98
49) 1,4-Dioxane	9.44	88	81326	1222.161	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	1417236	319.247	ug/l	99
52) Toluene	10.38	92	961643	52.048	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	473837	52.101	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	568654	51.161	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	277839	53.471	ug/l	98
56) Ethyl methacrylate	10.64	69	397305	58.836	ug/l	97
57) 1,3-Dichloropropane	10.93	76	492885	53.972	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	606460	295.295	ug/l	98
59) 2-Hexanone	10.96	43	972459	317.893	ug/l	99
60) Dibromochloromethane	11.13	129	310876	53.026	ug/l	100
61) 1,2-Dibromoethane	11.23	107	267855	54.307	ug/l	99
64) Tetrachloroethene	10.86	164	358310	53.834	ug/l	97
65) Chlorobenzene	11.66	112	970185	51.510	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	332694	52.462	ug/l	99
67) Ethyl Benzene	11.73	91	1791813	52.789	ug/l	99
68) m/p-Xylenes	11.84	106	1367357	105.255	ug/l	99
69) o-Xylene	12.16	106	626209	52.184	ug/l	99
70) Styrene	12.18	104	1078728	53.148	ug/l	99
71) Bromoform	12.35	173	191287	55.300	ug/l #	99
73) Isopropylbenzene	12.46	105	1787581	53.151	ug/l	100
74) N-amyl acetate	12.27	43	458374	60.785	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	346832	57.135	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	218936m	50.520	ug/l	
77) Bromobenzene	12.74	156	396334	50.739	ug/l	97
78) n-propylbenzene	12.80	91	2124279	53.714	ug/l	99
79) 2-Chlorotoluene	12.89	91	1149252	51.065	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1466429	51.930	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	110097	56.603	ug/l	96
82) 4-Chlorotoluene	12.99	91	1195623	51.134	ug/l	99
83) tert-Butylbenzene	13.20	119	1300885	52.617	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	1445965	51.455	ug/l	100
85) sec-Butylbenzene	13.38	105	1862947	54.437	ug/l	99
86) p-Isopropyltoluene	13.49	119	1654434	53.039	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	768906	50.621	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	749196	49.960	ug/l	99
89) n-Butylbenzene	13.82	91	1565458	54.043	ug/l	99
90) Hexachloroethane	14.09	117	277537	50.932	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	676530	50.675	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	58144	60.485	ug/l	97

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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	467684	51.875	ug/l	99
94) Hexachlorobutadiene	15.23	225	307498	50.896	ug/l	99
95) Naphthalene	15.36	128	919320	59.791	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	419751	53.414	ug/l	100

(#) = 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: VW014515.D

Acq: 03 Jan 2020 22:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 752247

Ion Ratio Lower Upper

168 100

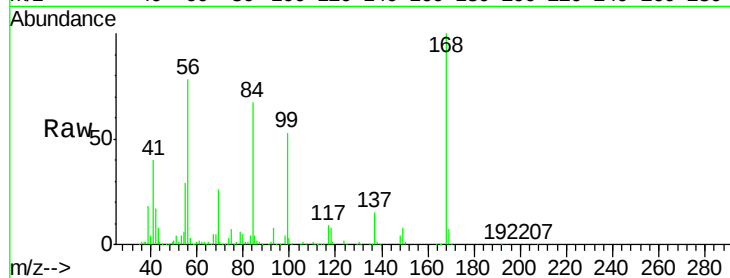
99 52.6 41.1 61.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

400000

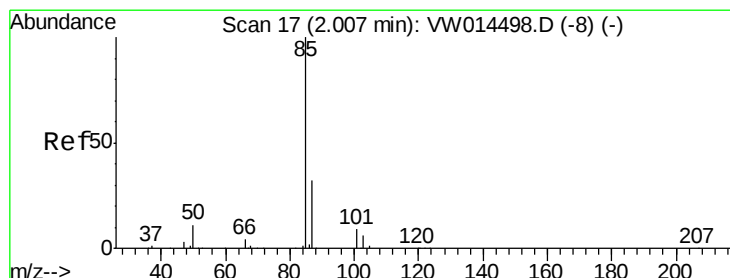
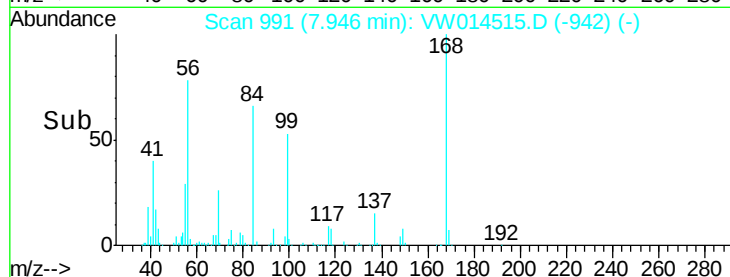
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 53.664 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW014515.D

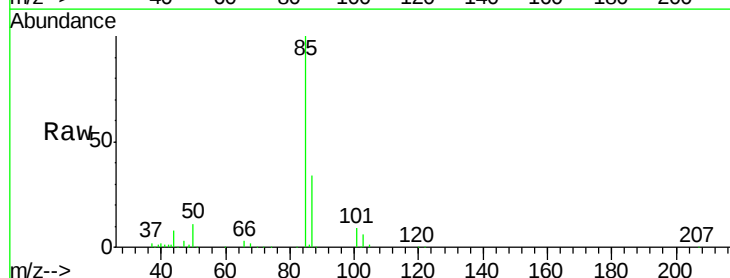
Acq: 03 Jan 2020 22:35

Tgt Ion: 85 Resp: 227929

Ion Ratio Lower Upper

85 100

87 33.9 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

80000

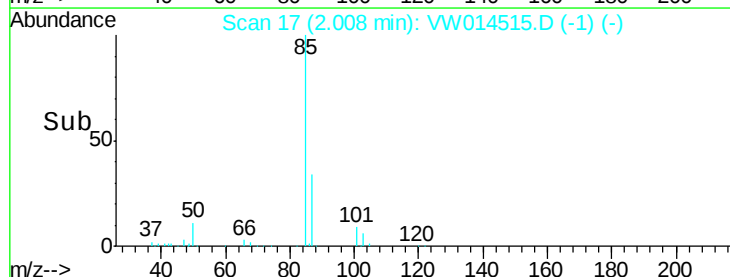
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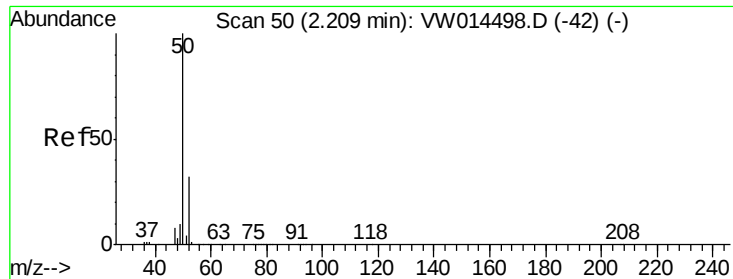
40000

20000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 46.707 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 242823

Ion Ratio Lower Upper

50 100

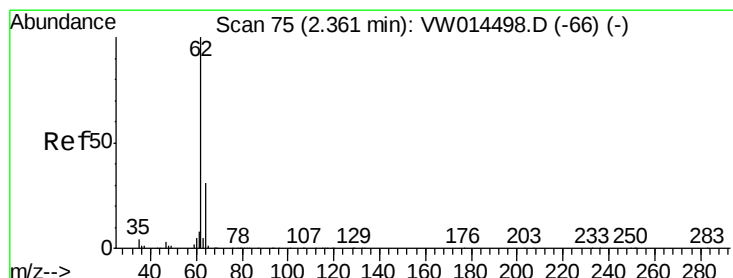
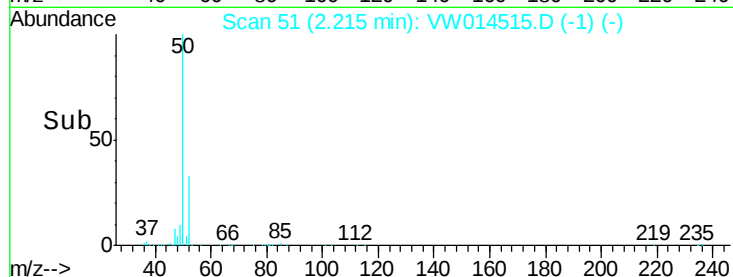
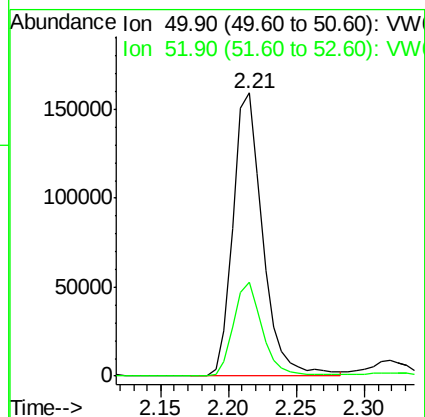
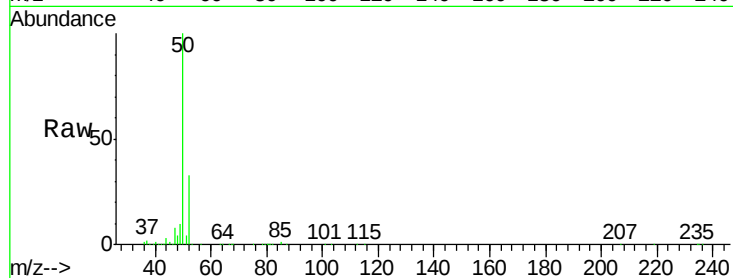
52 33.1 25.8 38.8

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#4

Vinyl Chloride

Concen: 53.295 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW014515.D

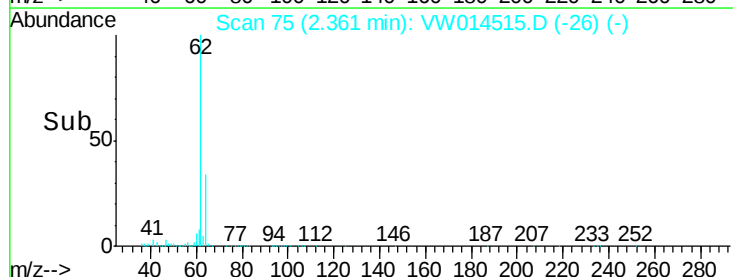
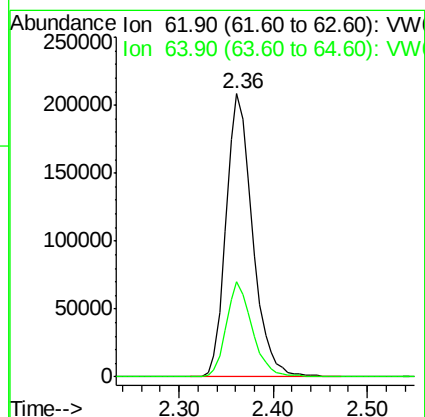
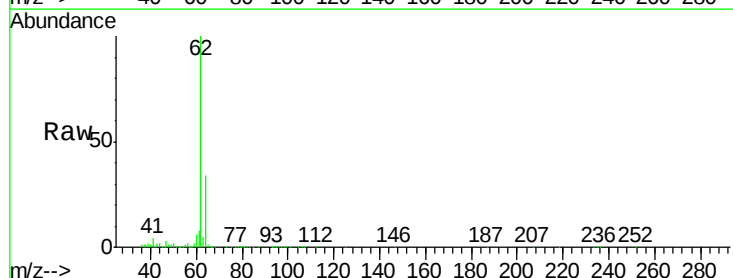
Acq: 03 Jan 2020 22:35

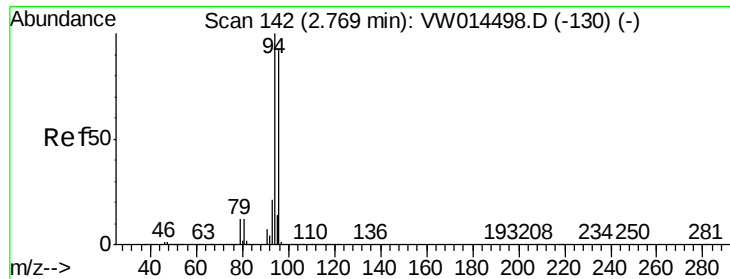
Tgt Ion: 62 Resp: 407530

Ion Ratio Lower Upper

62 100

64 33.6 25.0 37.4





#5

Bromomethane

Concen: 48.870 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 230846

Ion Ratio Lower Upper

94 100

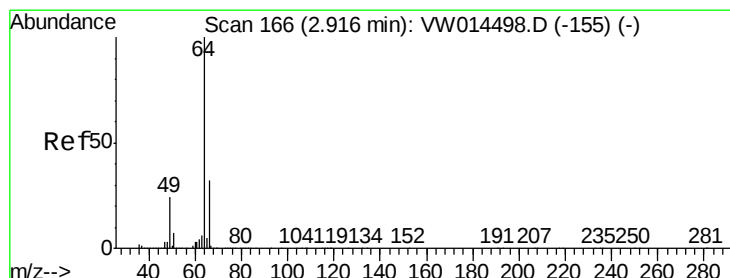
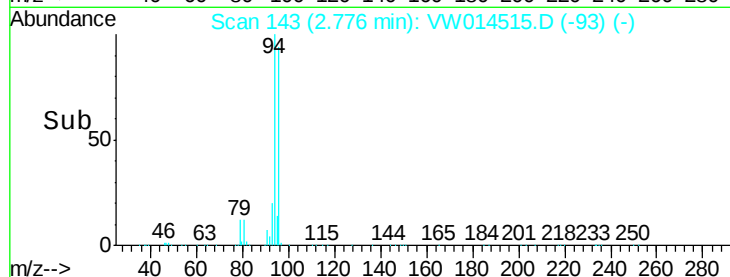
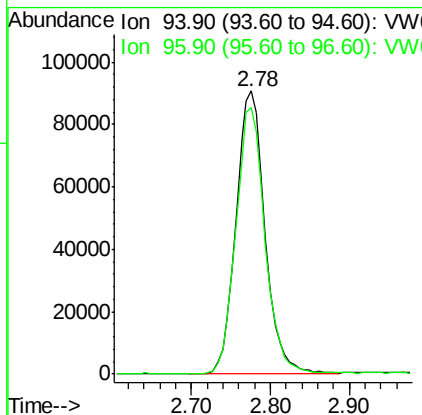
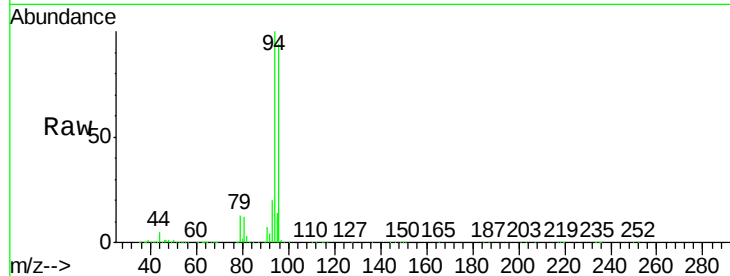
96 94.2 74.2 111.2

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#6

Chloroethane

Concen: 51.018 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW014515.D

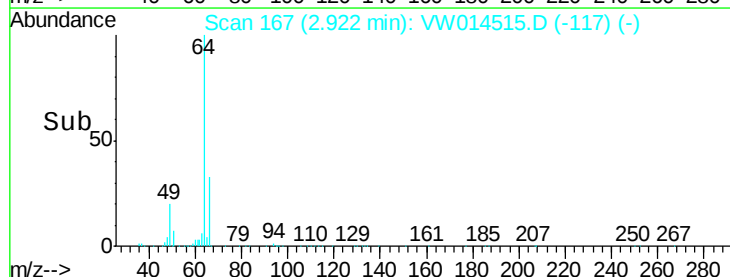
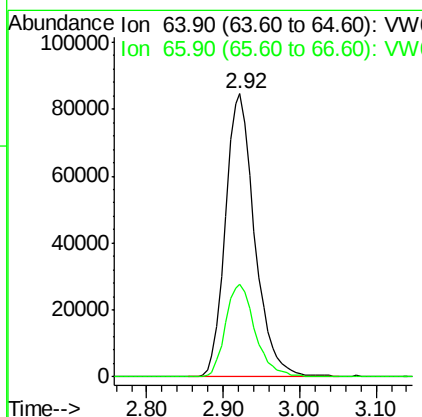
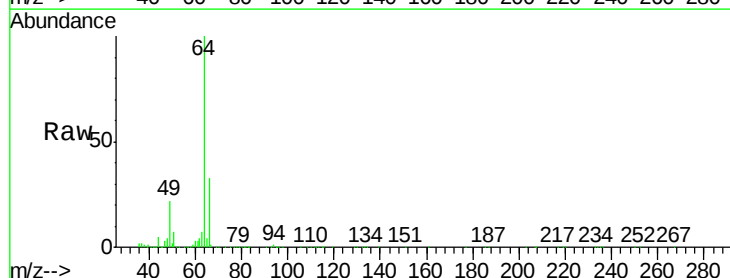
Acq: 03 Jan 2020 22:35

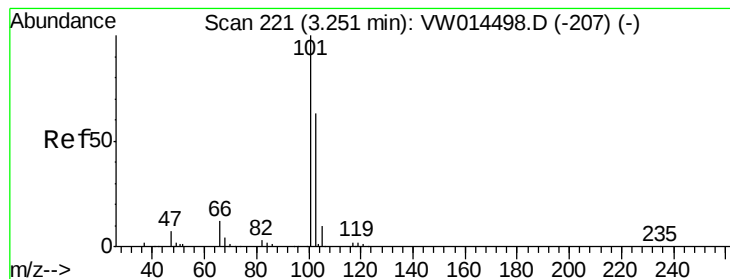
Tgt Ion: 64 Resp: 222383

Ion Ratio Lower Upper

64 100

66 32.7 25.7 38.5





#7

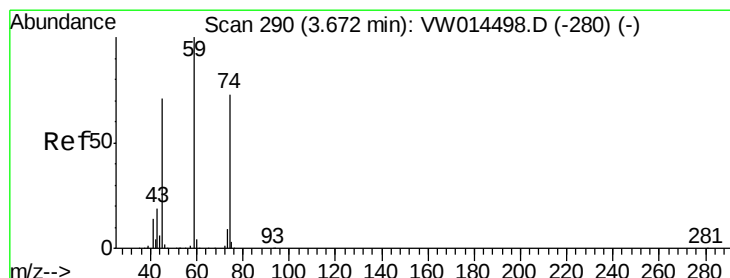
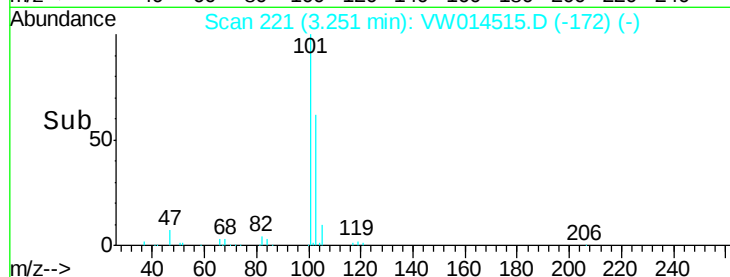
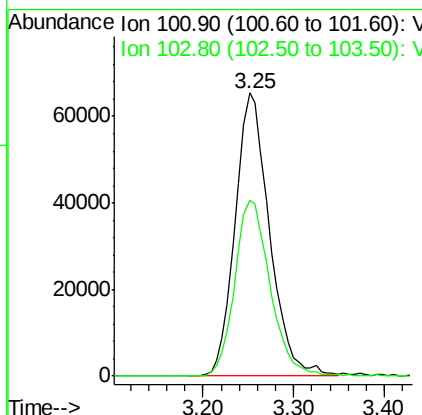
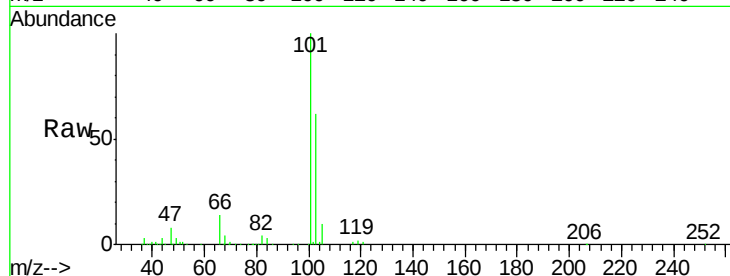
Trichlorofluoromethane
Concen: 45.022 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.0	50.1	75.1

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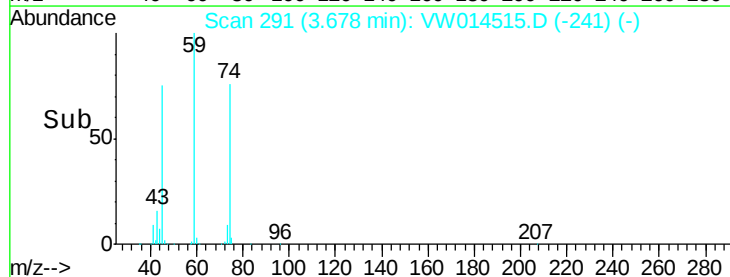
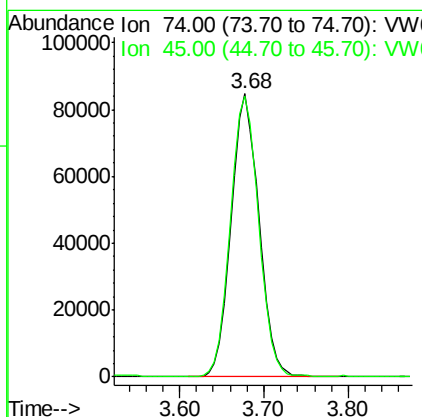
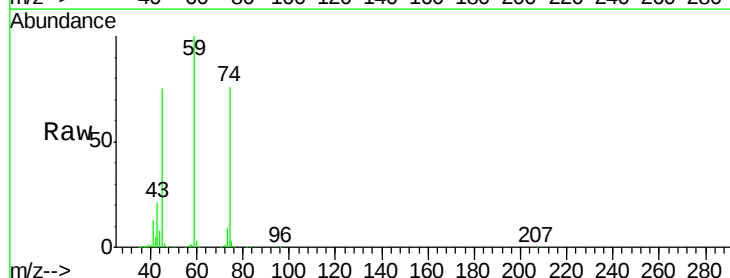
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#8

Diethyl Ether
Concen: 49.888 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.01 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.1	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.695 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Instrument :

MSVOA_W

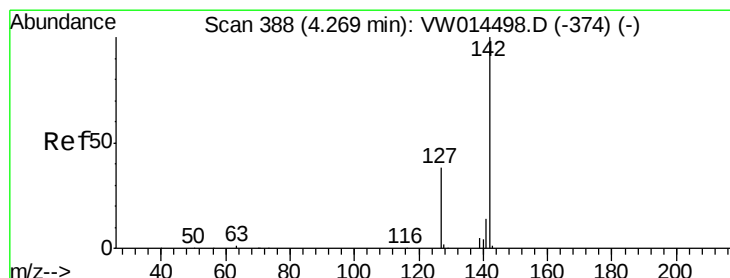
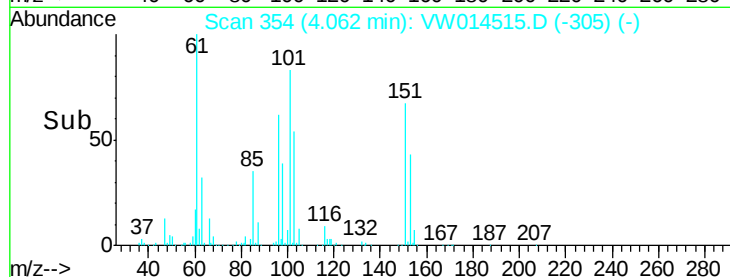
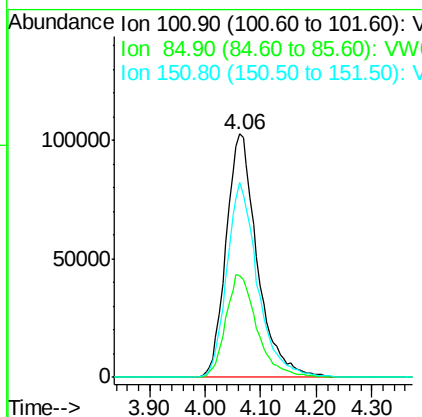
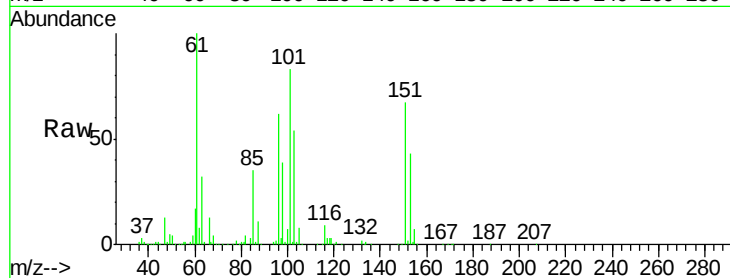
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	398134
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.7	50.5
151	79.3	63.5	95.3

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#10

Methyl Iodide

Concen: 48.517 ug/l

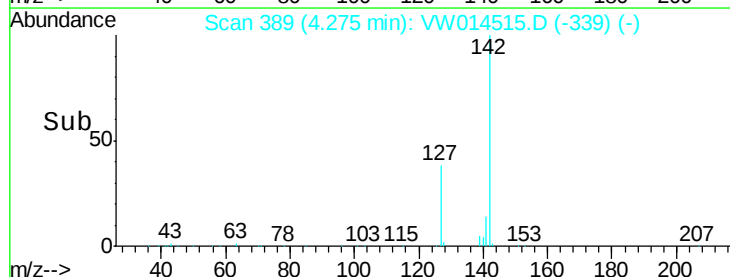
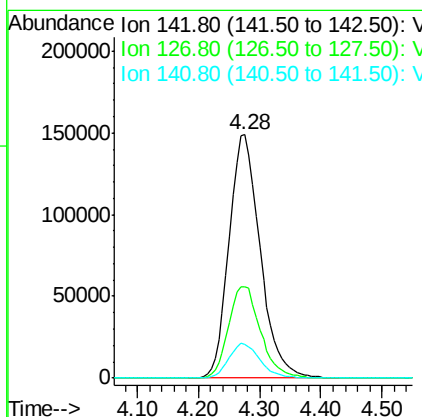
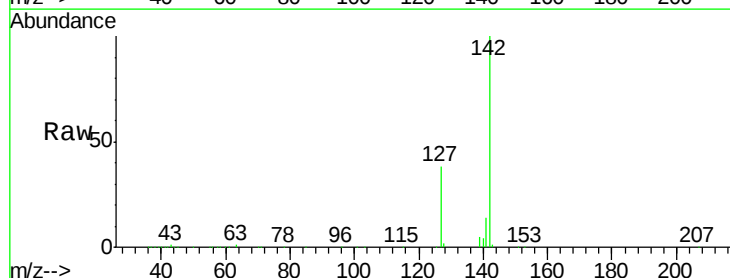
RT: 4.28 min Scan# 389

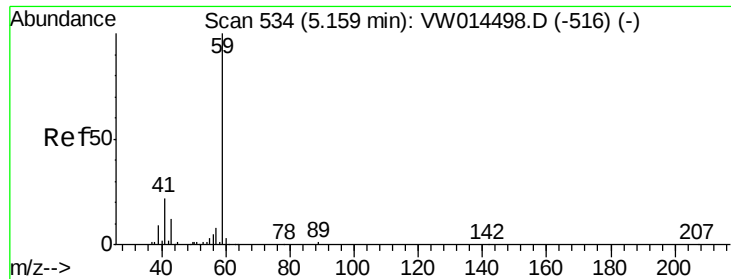
Delta R.T. 0.01 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Tgt Ion:	142	Resp:	523298
Ion Ratio	Lower	Upper	
142	100		
127	39.0	30.2	45.4
141	14.3	11.4	17.2





#11

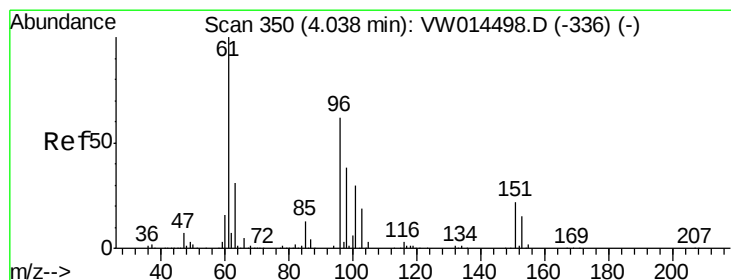
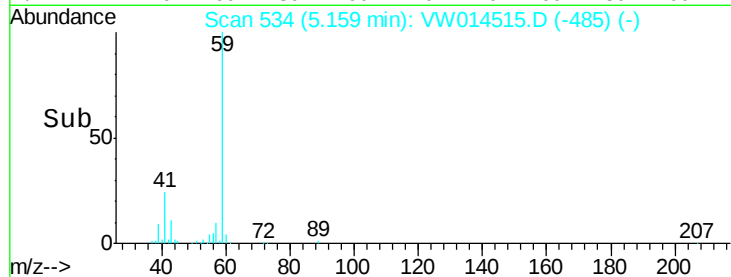
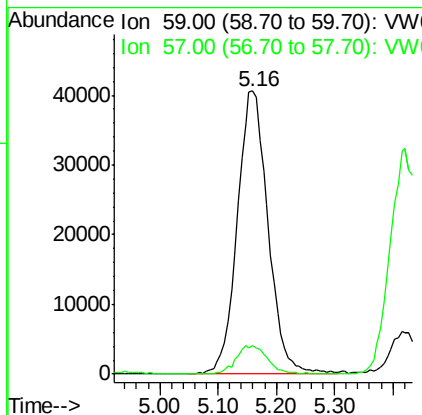
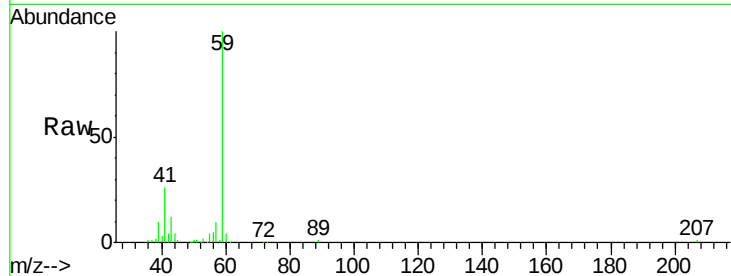
Tert butyl alcohol
Concen: 298.248 ug/l
RT: 5.16 min Scan# 534
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	149000
Ion Ratio	100	Lower	Upper
57	10.1	7.8	11.8

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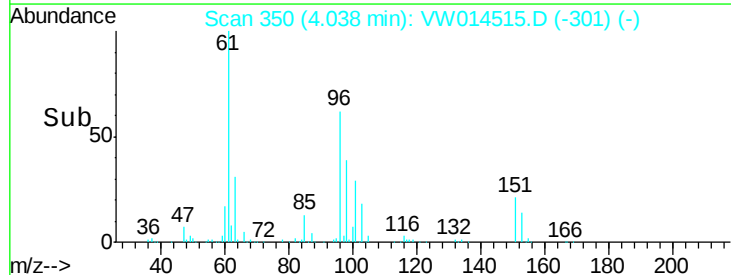
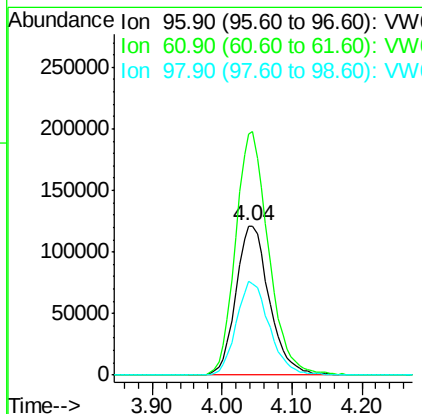
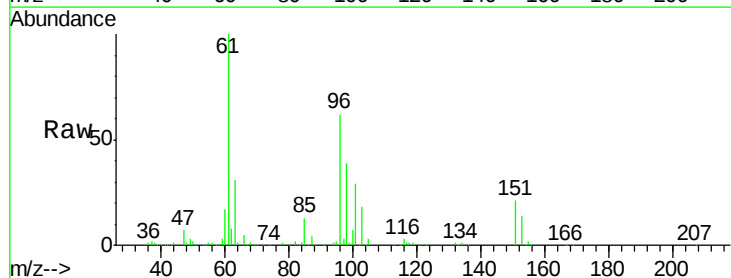
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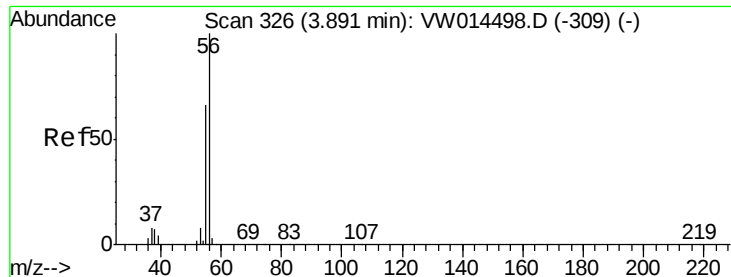


#12

1,1-Dichloroethene
Concen: 53.707 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Tgt Ion	96	Resp	402054
Ion Ratio	100	Lower	Upper
61	161.7	128.4	192.6
98	63.3	49.1	73.7





#13

Acrolein

Concen: 294.818 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 169239

Ion Ratio Lower Upper

56 100

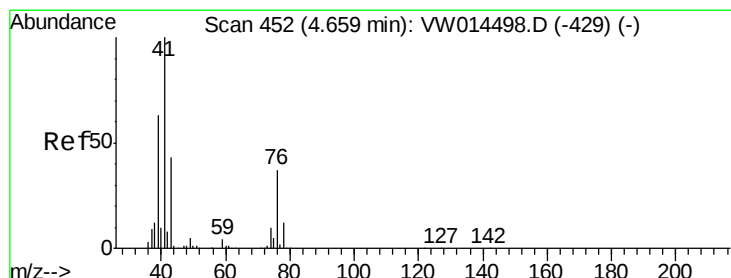
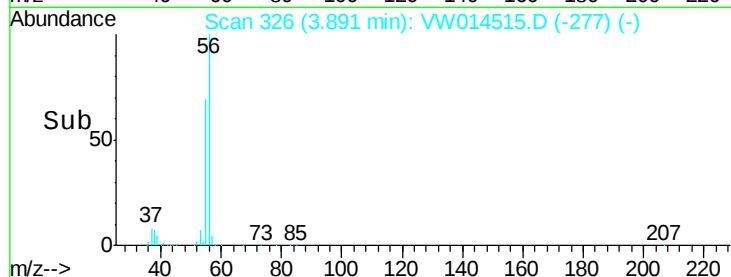
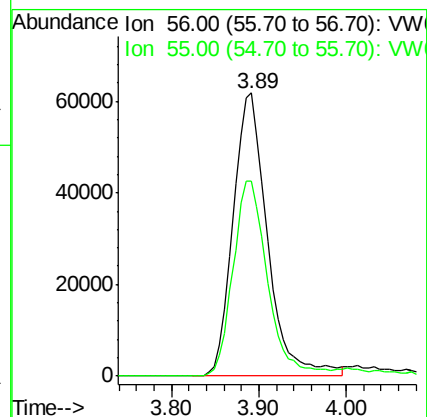
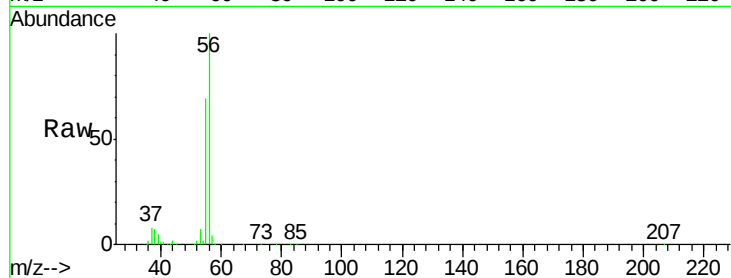
55 69.0 56.7 85.1

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#14

Allyl chloride

Concen: 50.310 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

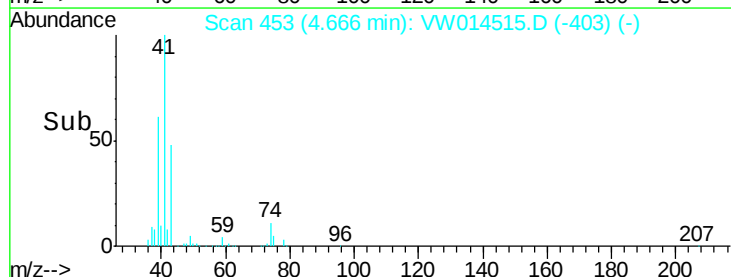
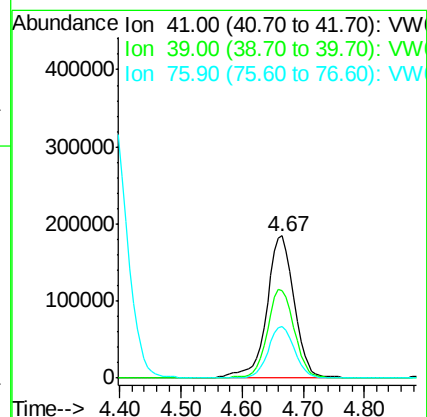
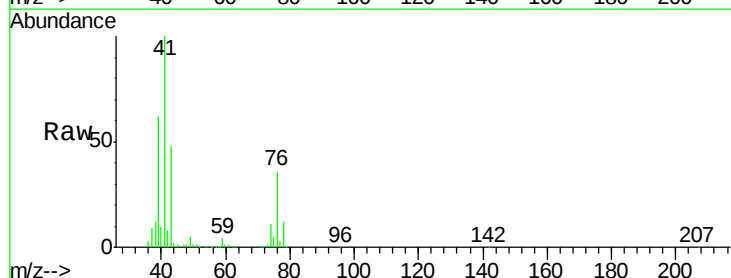
Tgt Ion: 41 Resp: 575531

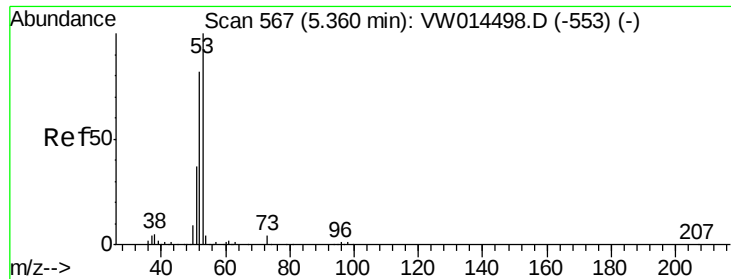
Ion Ratio Lower Upper

41 100

39 61.7 48.5 72.7

76 34.7 28.1 42.1





#15

Acrylonitrile

Concen: 297.025 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Instrument :

MSVOA_W

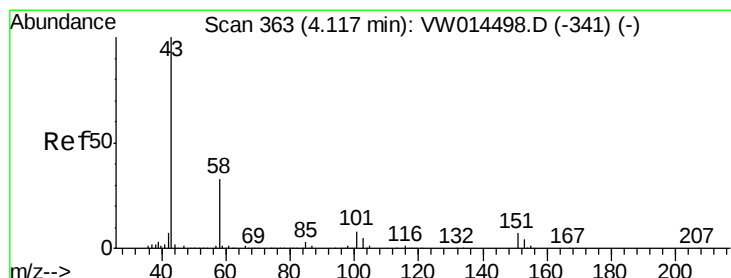
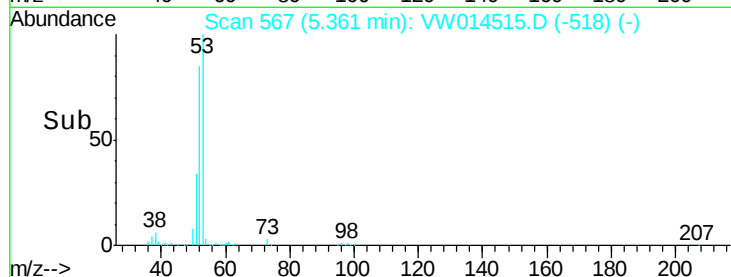
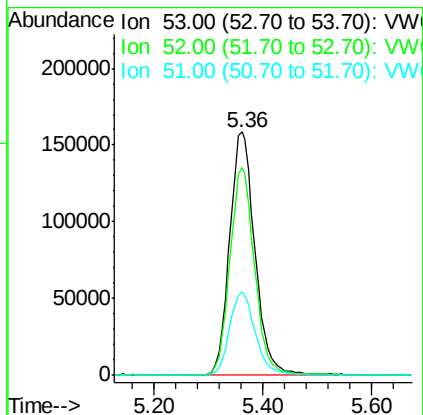
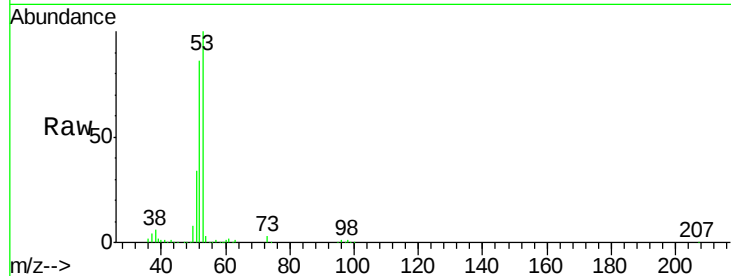
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	516821
Ion Ratio		Lower	Upper
53	100		
52	82.5	66.5	99.7
51	34.8	28.4	42.6

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#16

Acetone

Concen: 224.487 ug/l

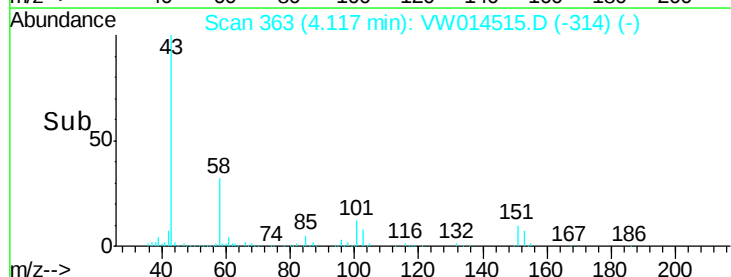
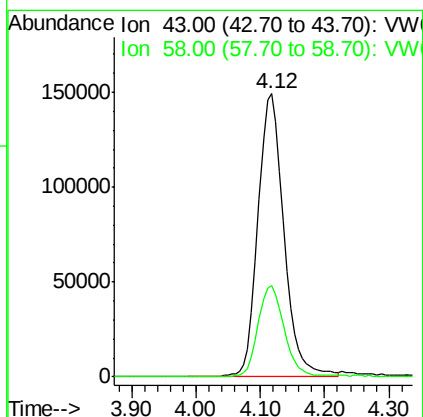
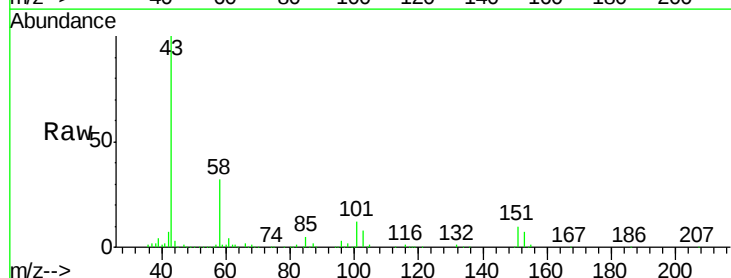
RT: 4.12 min Scan# 363

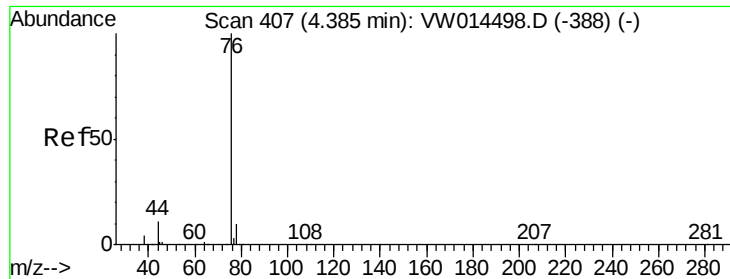
Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Tgt Ion:	43	Resp:	416901
Ion Ratio		Lower	Upper
43	100		
58	32.0	26.6	39.8





#17

Carbon Disulfide

Concen: 52.998 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 1195777

Ion Ratio Lower Upper

76 100

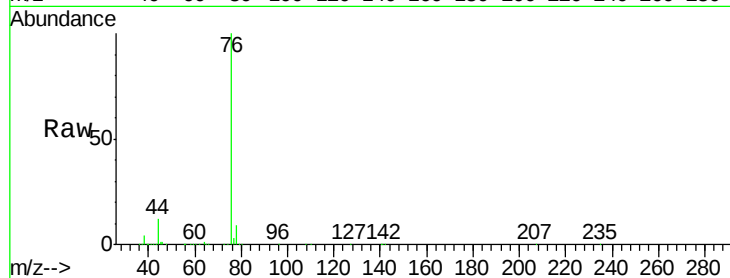
78 9.0 7.8 11.6

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.39

400000

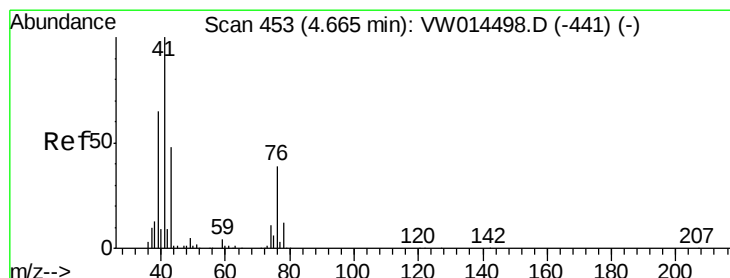
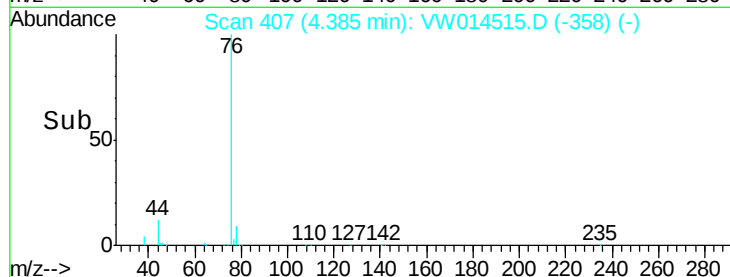
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 58.501 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW014515.D

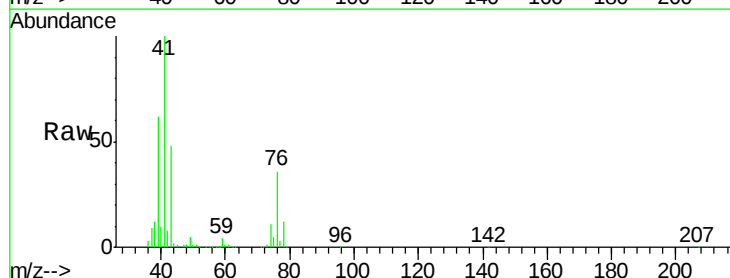
Acq: 03 Jan 2020 22:35

Tgt Ion: 43 Resp: 262389

Ion Ratio Lower Upper

43 100

74 24.0 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

100000

80000

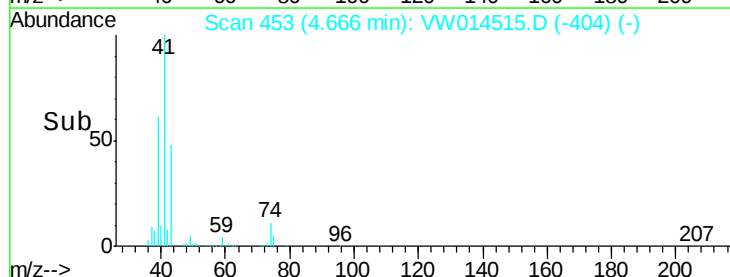
60000

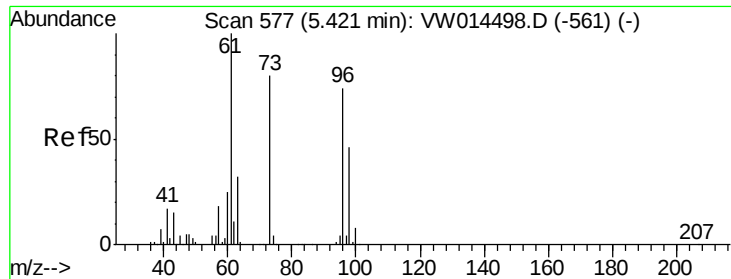
40000

20000

0

Time-->





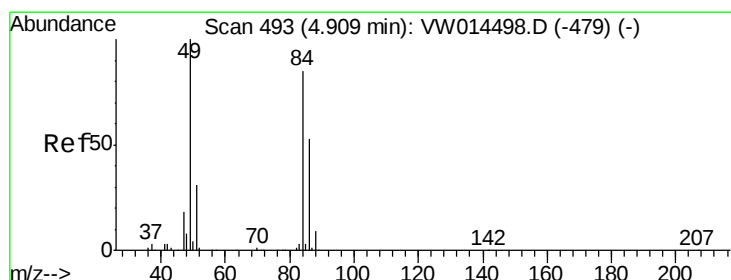
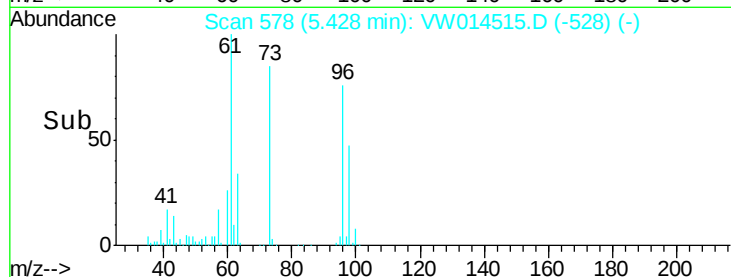
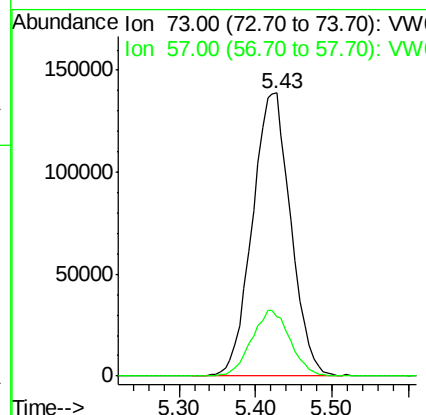
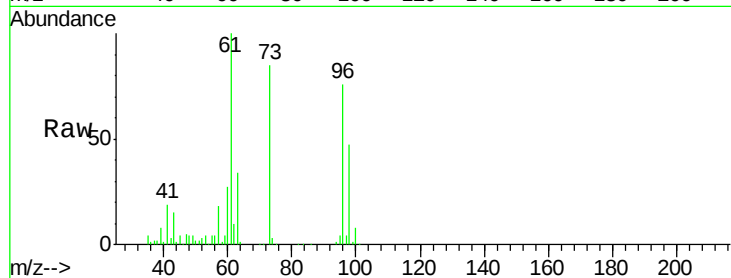
#19
Methvl tert-butvl Ether
Concen: 52.206 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 485123
Ion Ratio Lower Upper
73 100
57 21.1 18.1 27.1

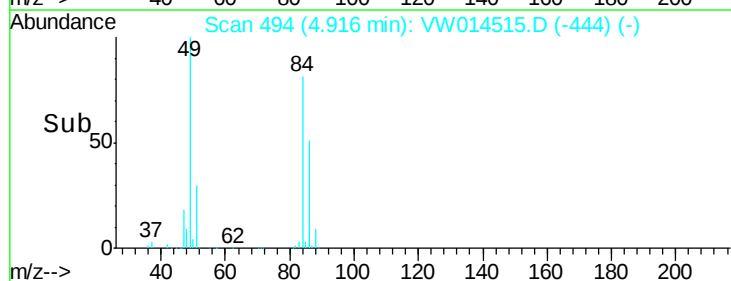
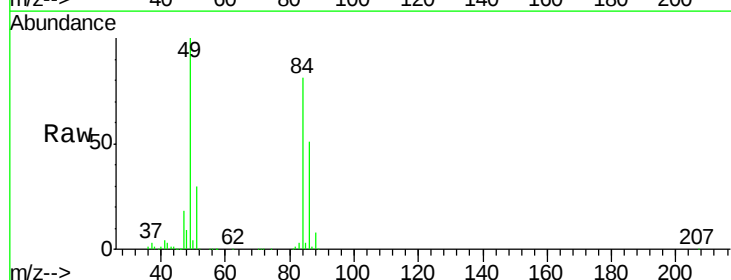
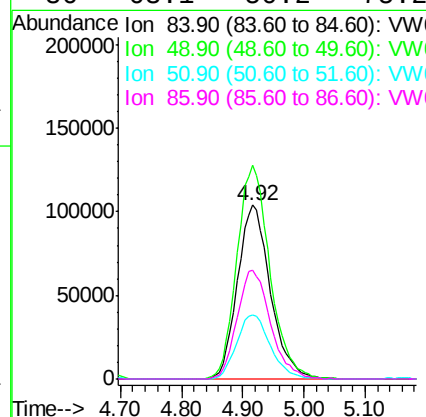
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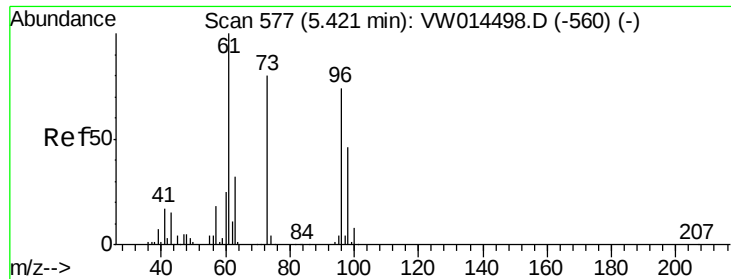
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#20
Methylene Chloride
Concen: 51.565 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Tgt Ion: 84 Resp: 386271
Ion Ratio Lower Upper
84 100
49 123.1 94.4 141.6
51 37.1 29.5 44.3
86 63.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 50.785 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Instrument :

MSVOA_W

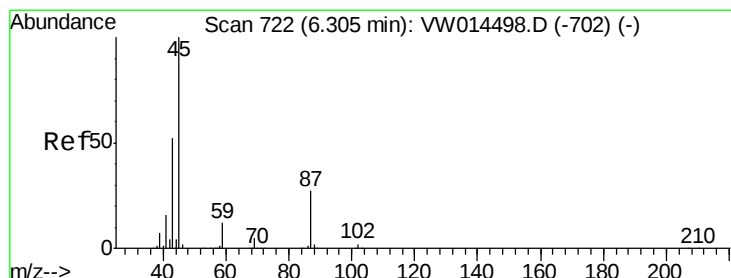
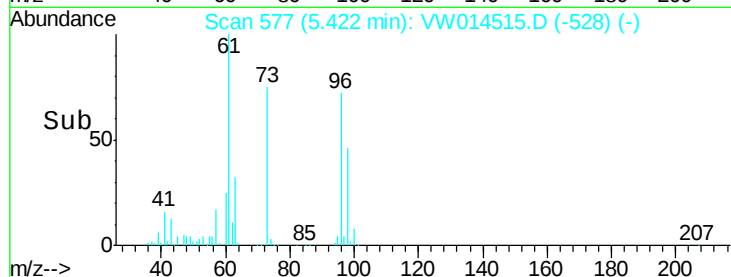
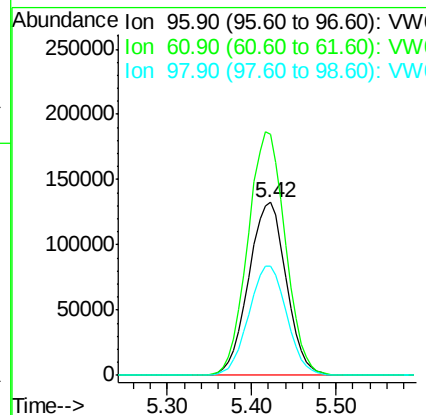
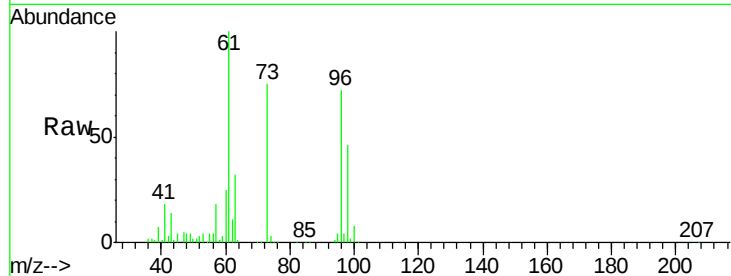
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	403678
Ion	Ratio	Lower	Upper
96	100		
61	139.4	107.8	161.6
98	63.5	49.4	74.0

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#22

Diisopropyl ether

Concen: 50.851 ug/l

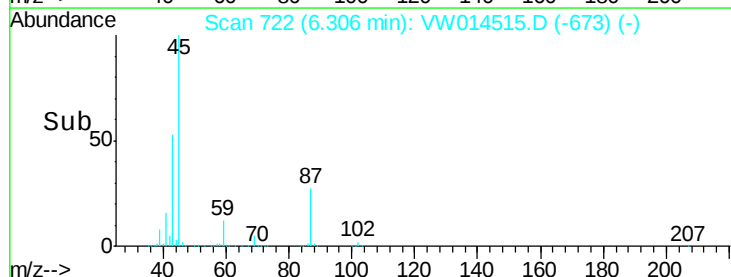
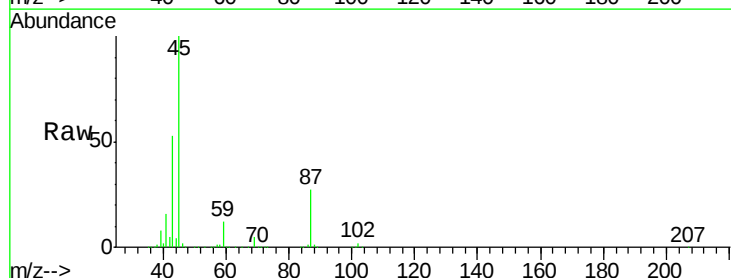
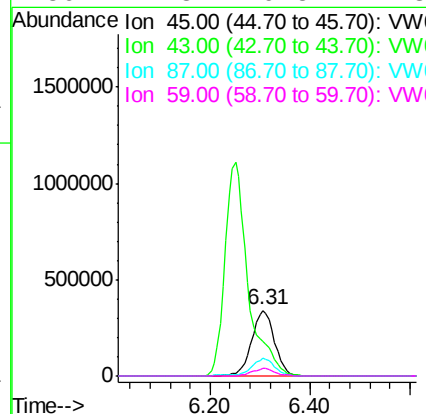
RT: 6.31 min Scan# 722

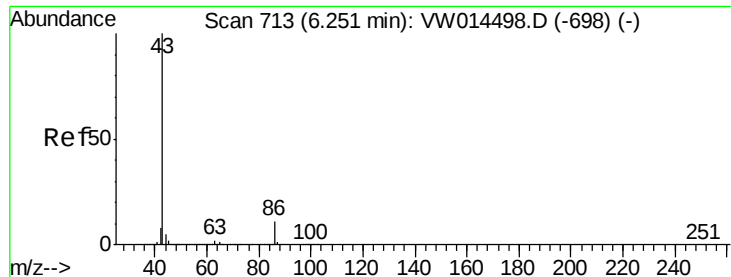
Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Tgt Ion:	45	Resp:	1088826
Ion	Ratio	Lower	Upper
45	100		
43	53.0	41.4	62.0
87	27.0	22.2	33.2
59	11.8	9.5	14.3





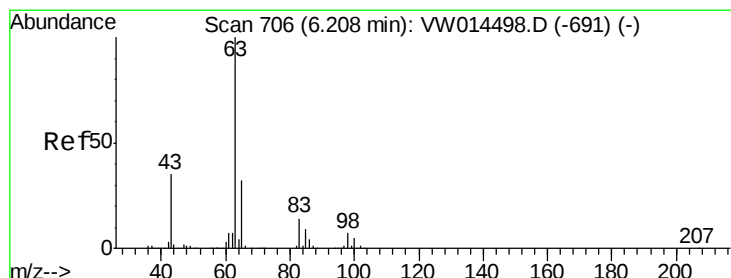
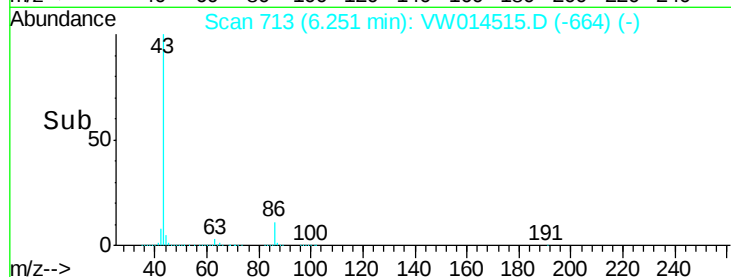
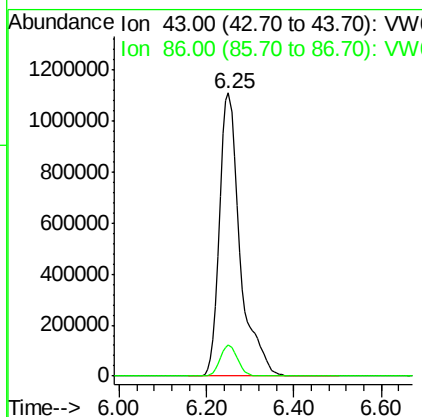
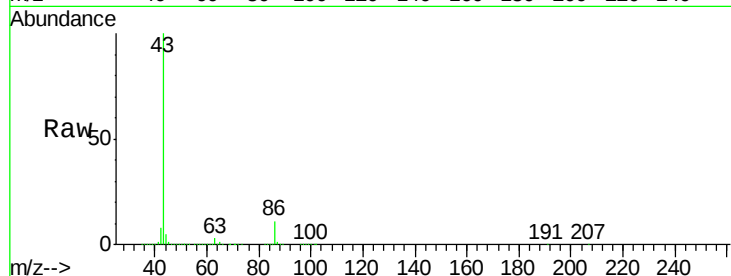
#23
 Vinyl Acetate
 Concen: 276.122 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW014515.D
 Acq: 03 Jan 2020 22:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 3570249
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.8 13.2

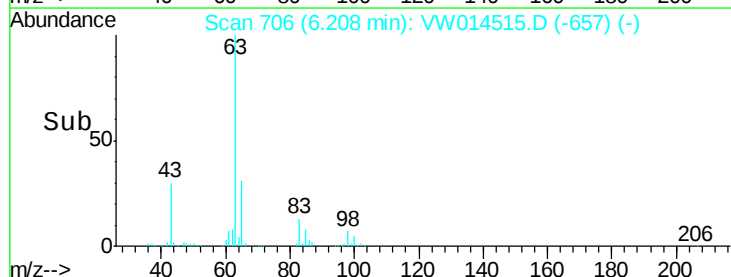
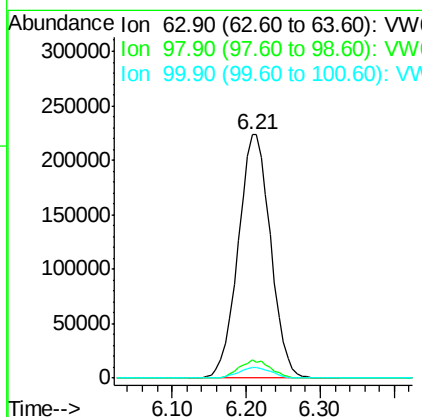
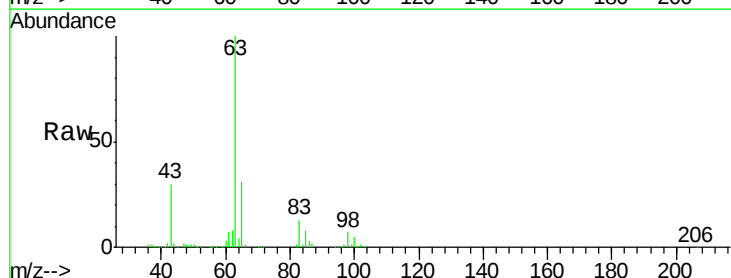
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#24
 1,1-Dichloroethane
 Concen: 50.432 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: VW014515.D
 Acq: 03 Jan 2020 22:35

Tgt Ion: 63 Resp: 681169
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.6 2.5 7.4





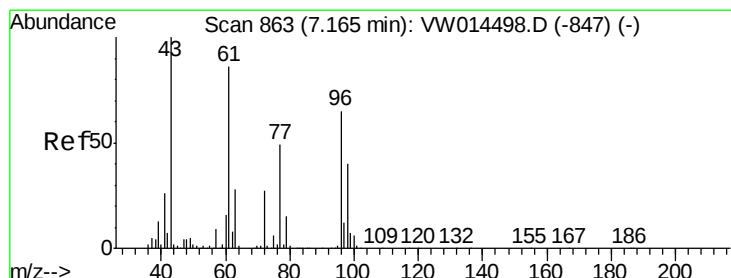
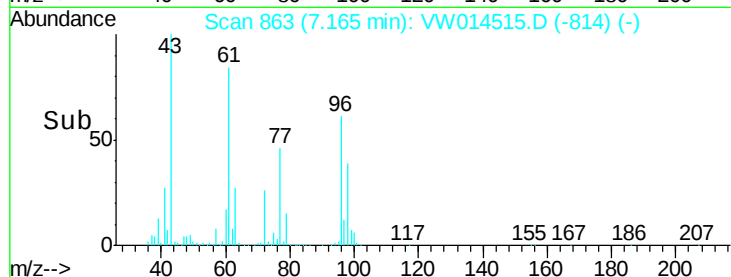
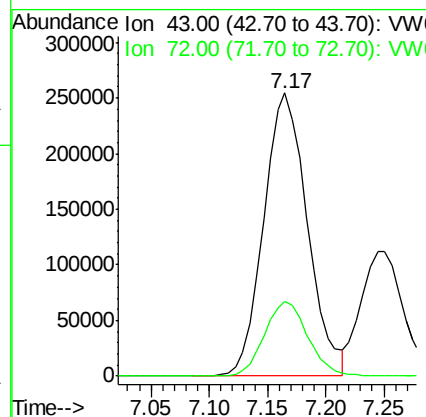
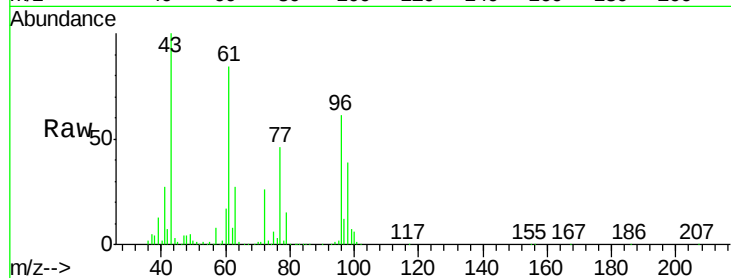
#25
2-Butanone
Concen: 276.539 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 659075
Ion Ratio Lower Upper
43 100
72 26.3 21.9 32.9

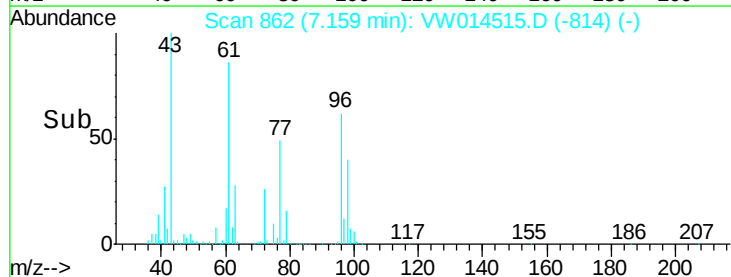
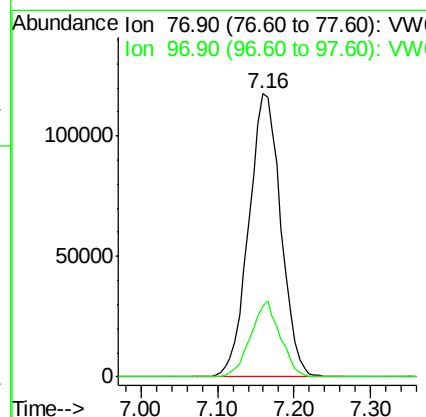
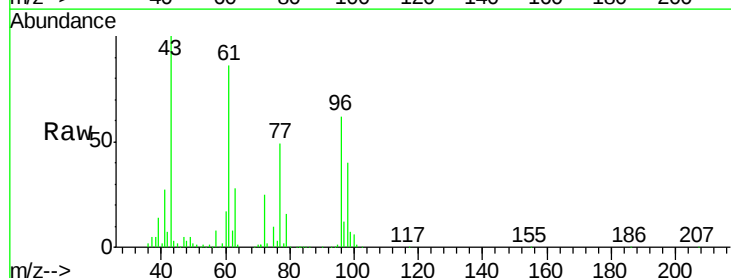
Manual Integrations
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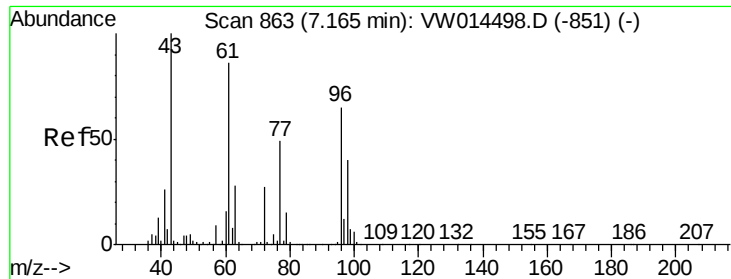
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#26
2,2-Dichloropropane
Concen: 45.818 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Tgt Ion: 77 Resp: 342620
Ion Ratio Lower Upper
77 100
97 24.7 12.5 37.5





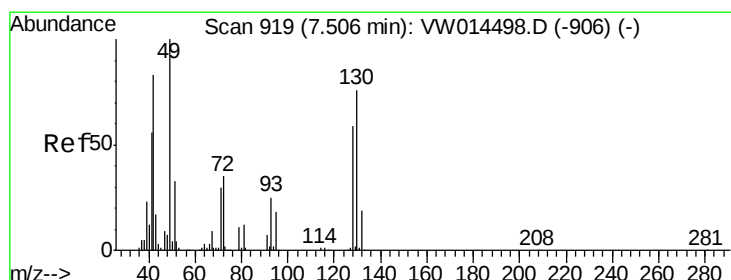
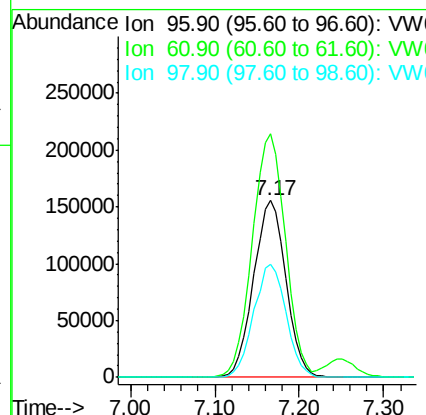
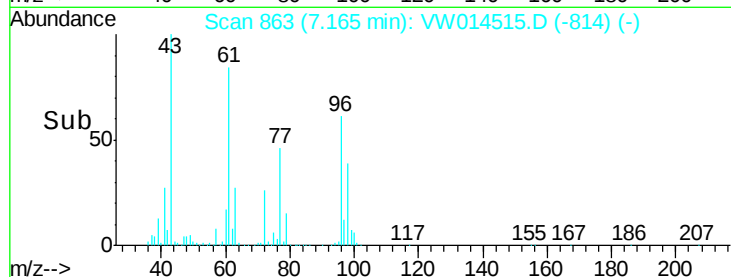
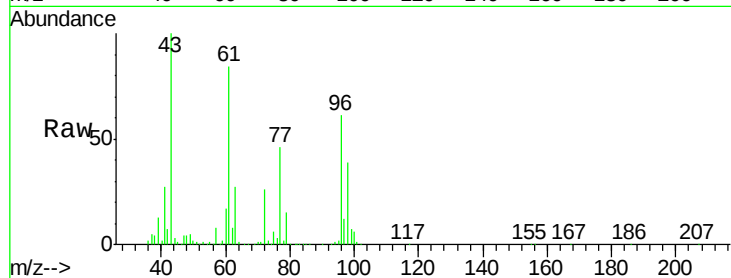
#27
 cis-1,2-Dichloroethene
 Concen: 48.696 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW014515.D
 Acq: 03 Jan 2020 22:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	406721		
61	140.7	0.0	274.8	
98	64.3	0.0	128.6	

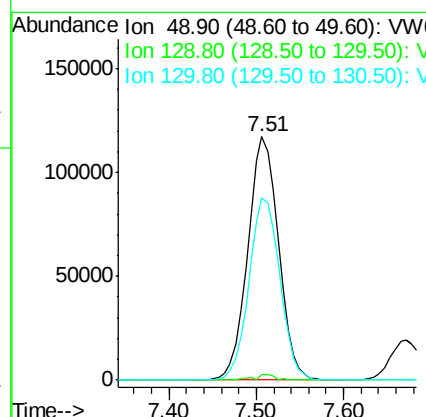
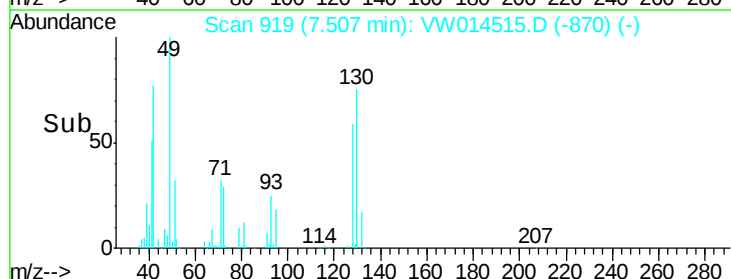
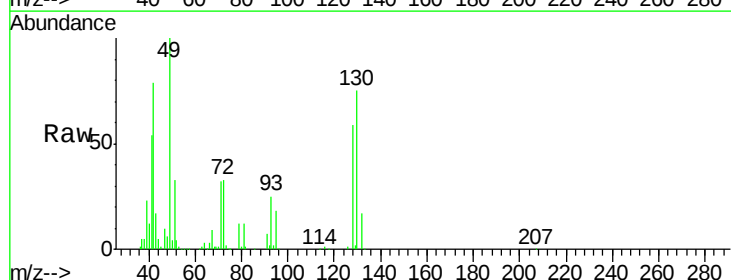
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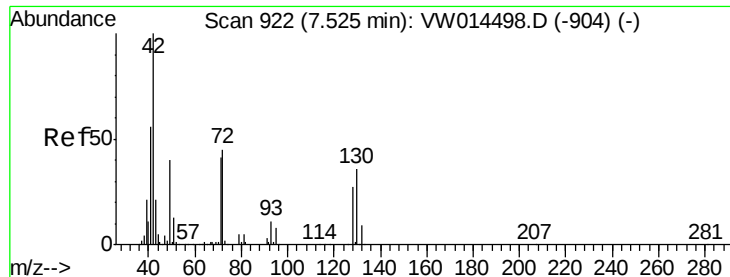
apatel
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#28
 Bromochloromethane
 Concen: 54.158 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW014515.D
 Acq: 03 Jan 2020 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	286783		
129	1.6	0.0	2.0	
130	75.3	62.5	93.7	





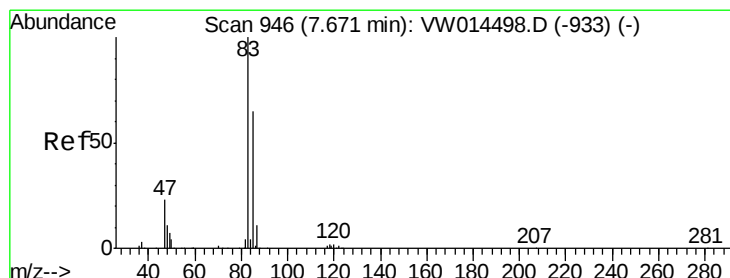
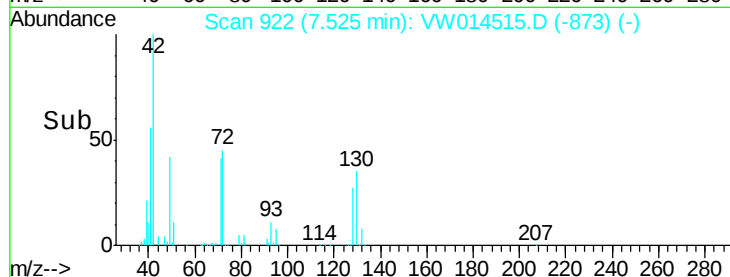
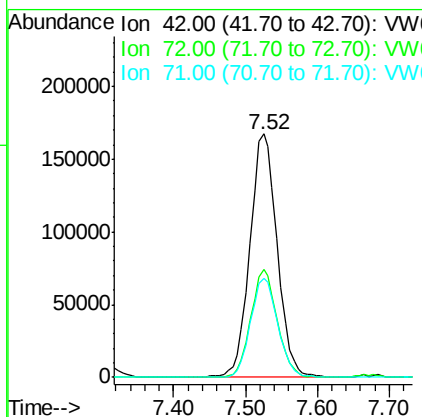
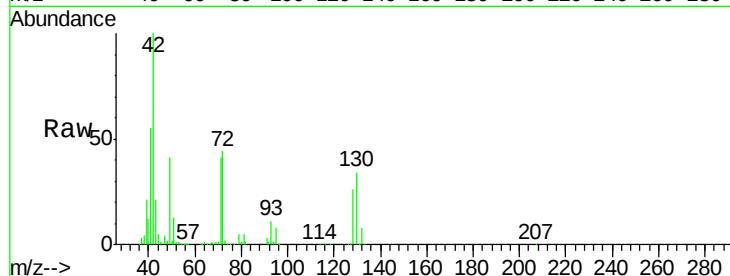
#29
Tetrahydrofuran
Concen: 298.285 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.5	51.7
71	40.6	32.0	48.0

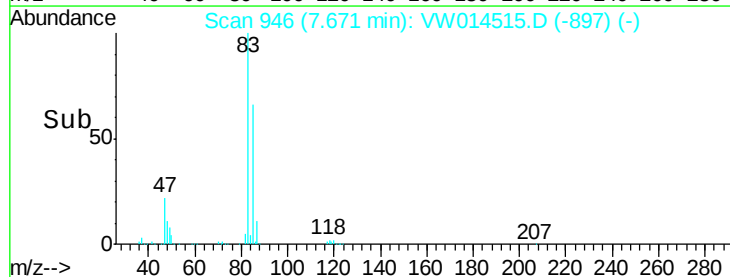
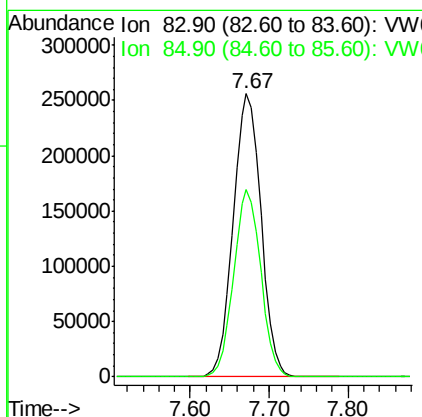
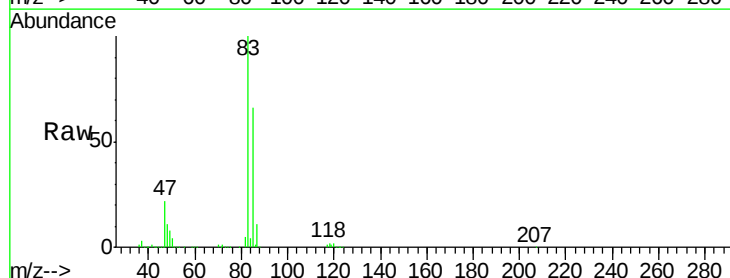
Manual Integrations
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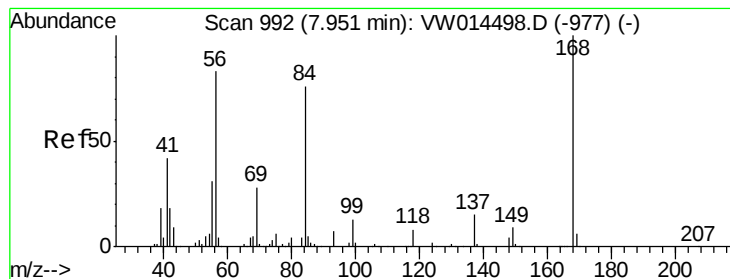
apatel
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#30
Chloroform
Concen: 49.770 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.2	78.2





#31

Cyclohexane

Concen: 53.491 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Instrument :

MSVOA_W

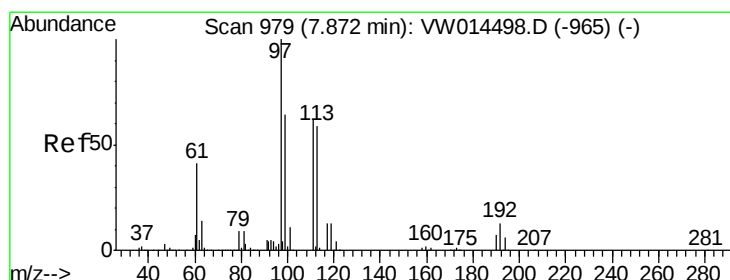
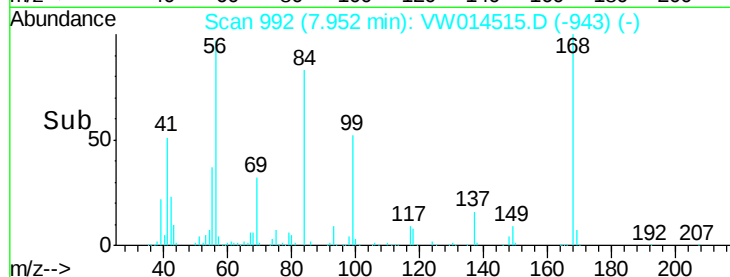
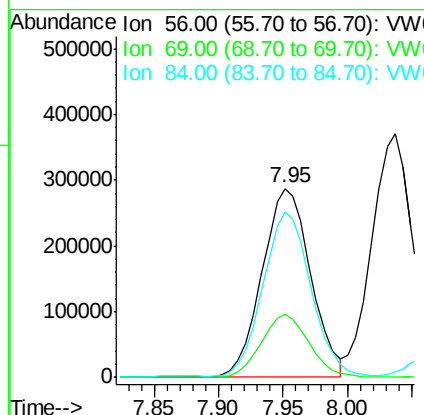
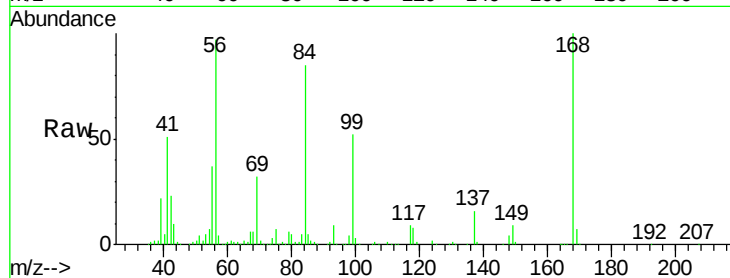
ClientSampled :

VSTDCCC050EC

Tot Ion:	56	Resp:	750837
Ion Ratio	Lower	Upper	
56	100		
69	33.1	26.8	40.2
84	86.5	71.8	107.6

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#32

1,1,1-Trichloroethane

Concen: 51.875 ug/l

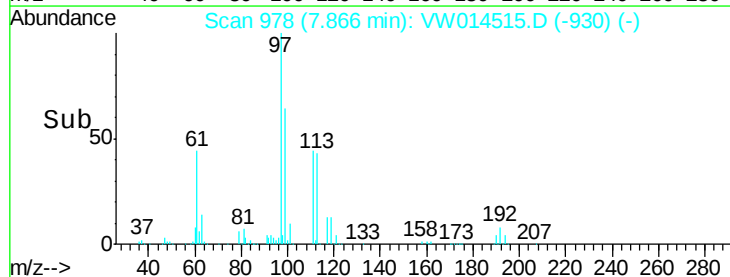
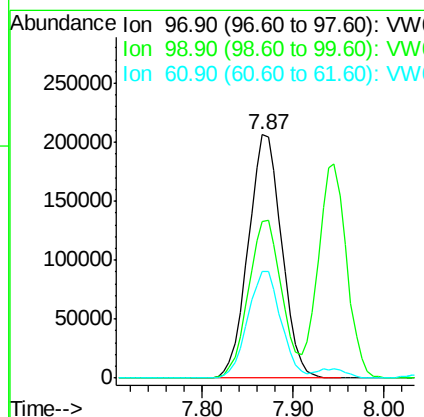
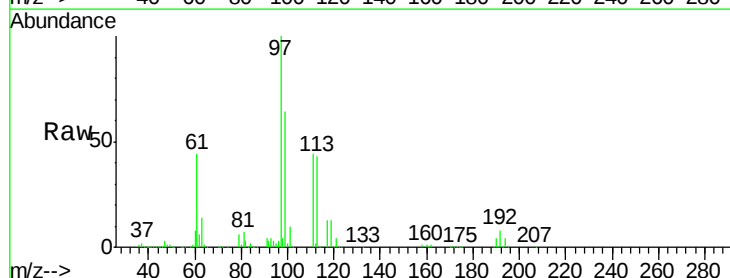
RT: 7.87 min Scan# 978

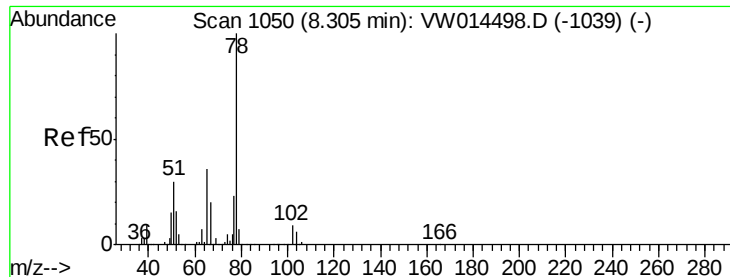
Delta R.T. -0.01 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Tgt Ion:	97	Resp:	526960
Ion Ratio	Lower	Upper	
97	100		
99	65.3	51.8	77.6
61	43.7	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 52.270 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 343779

Ion Ratio Lower Upper

65 100

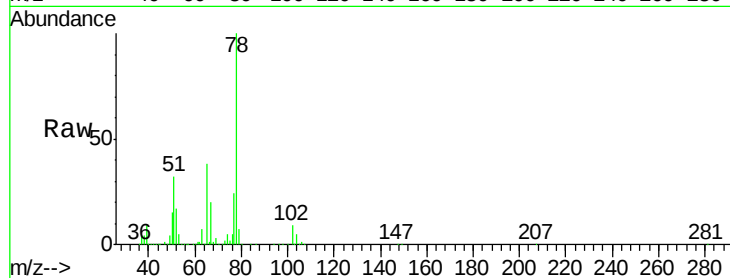
67 54.1 0.0 108.4

Manual Integrations

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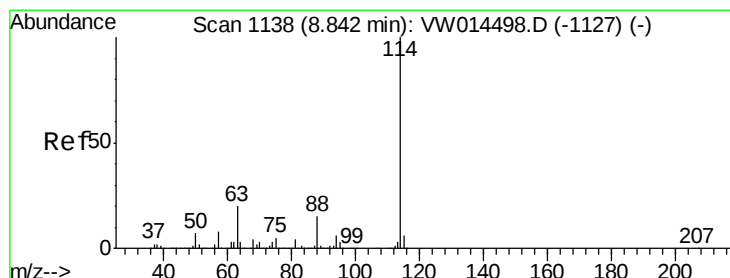
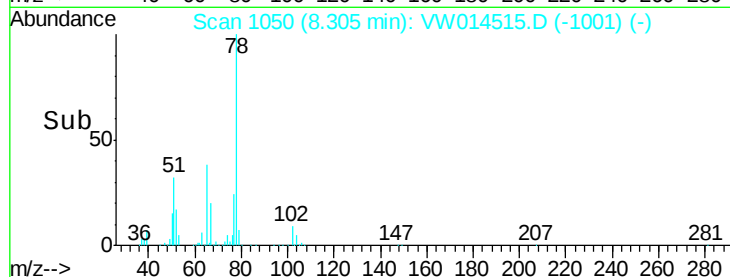
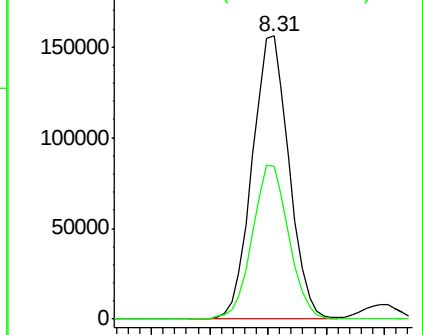
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

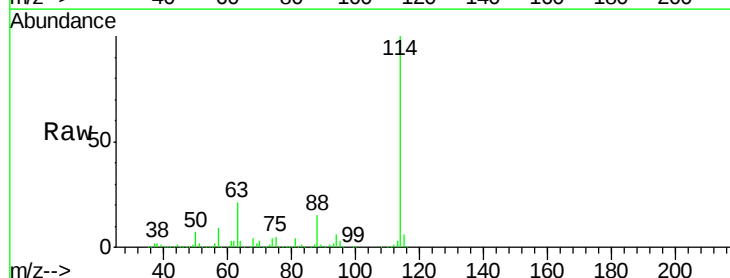
Tgt Ion: 114 Resp: 1076714

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.4

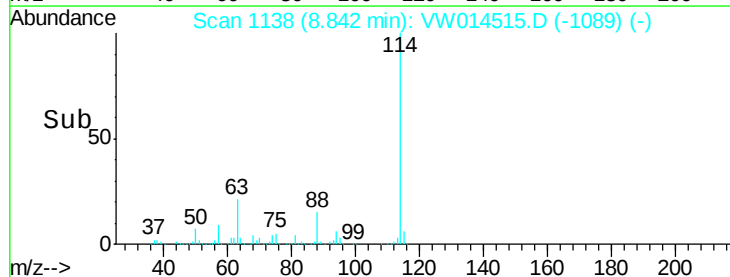
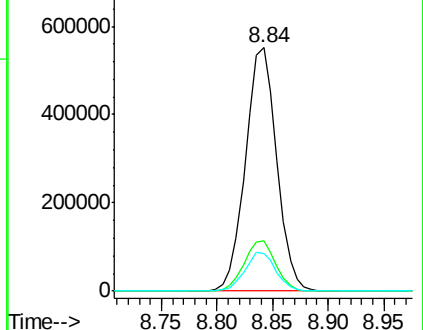
88 15.5 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





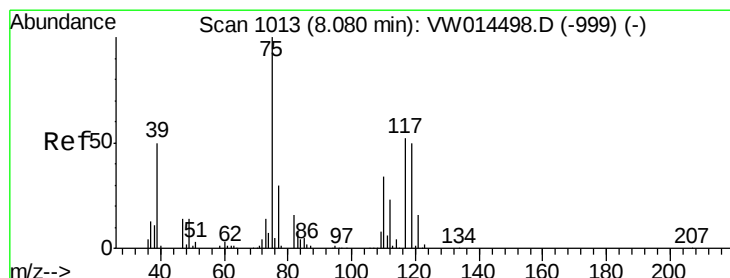
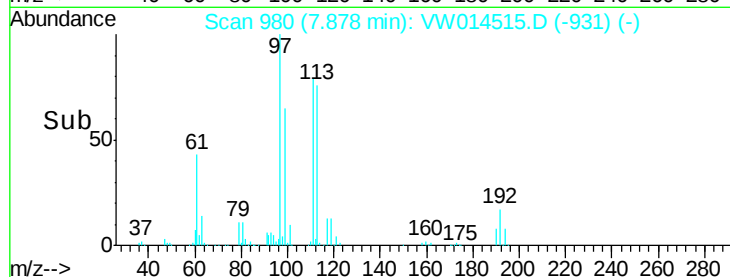
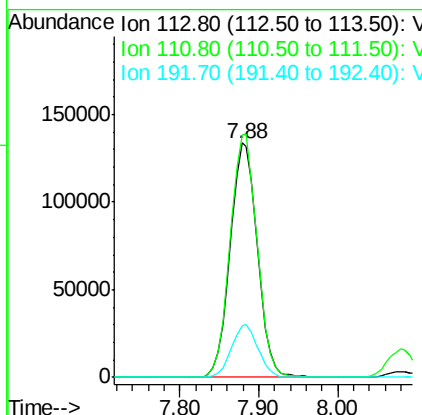
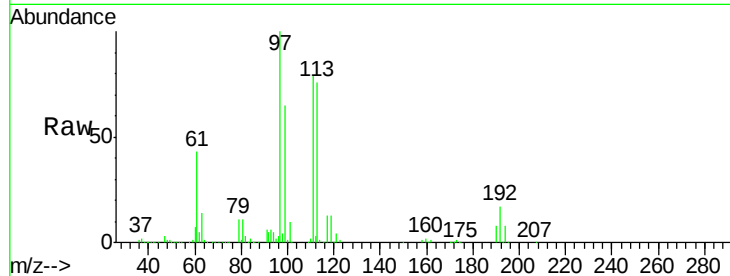
#35
 Dibromofluoromethane
 Concen: 52.106 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW014515.D
 Acq: 03 Jan 2020 22:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.2
192	22.0	17.8	26.8

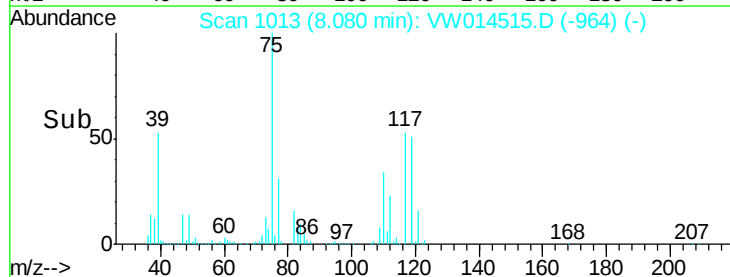
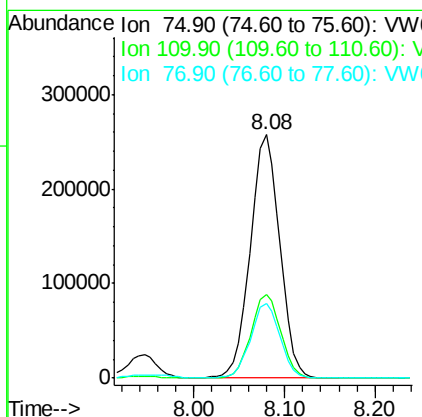
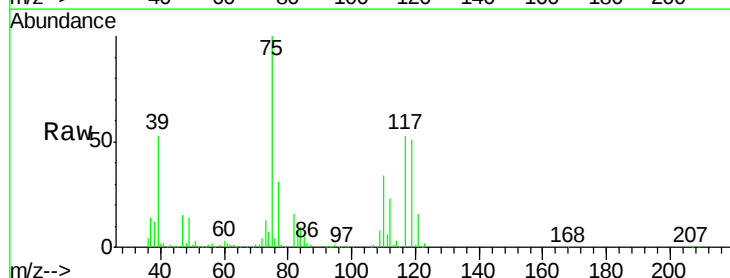
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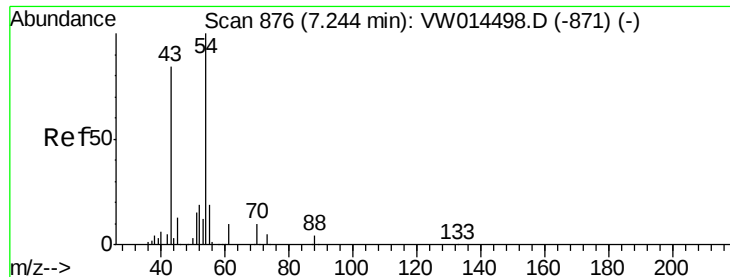
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#36
 1,1-Dichloropropene
 Concen: 55.762 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW014515.D
 Acq: 03 Jan 2020 22:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.8	53.5
77	30.8	24.7	37.1





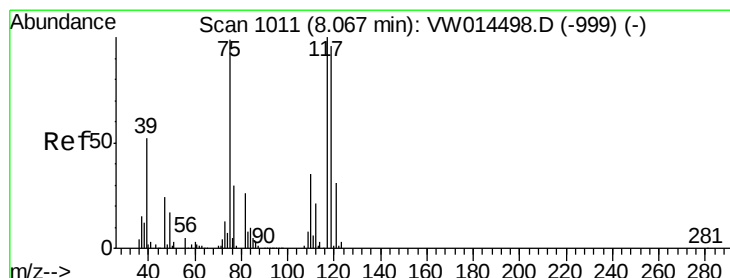
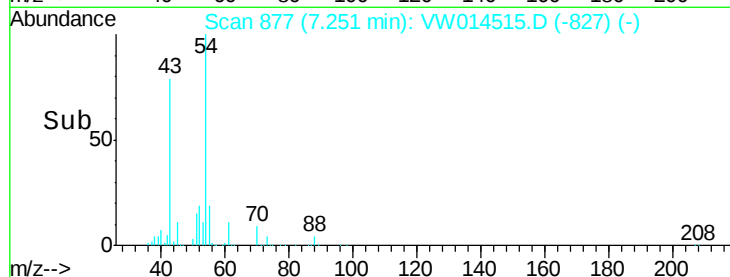
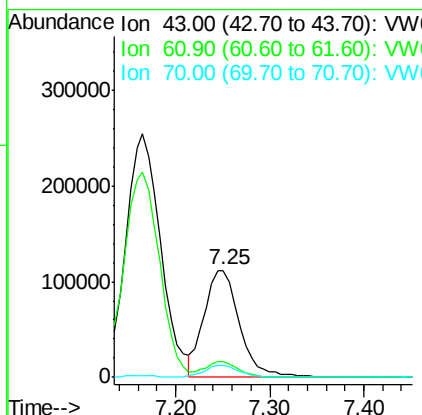
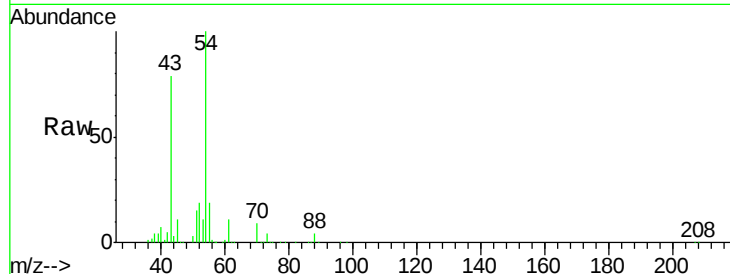
#37
Ethyl Acetate
Concen: 61.100 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.7	17.5
70	11.1	9.0	13.6

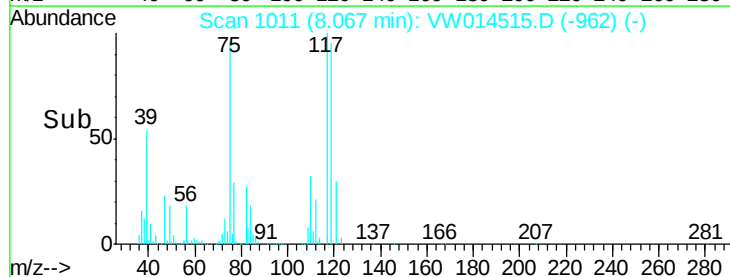
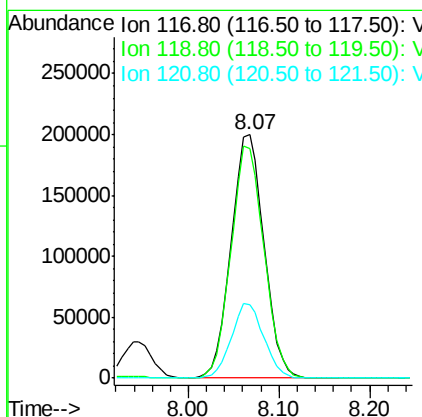
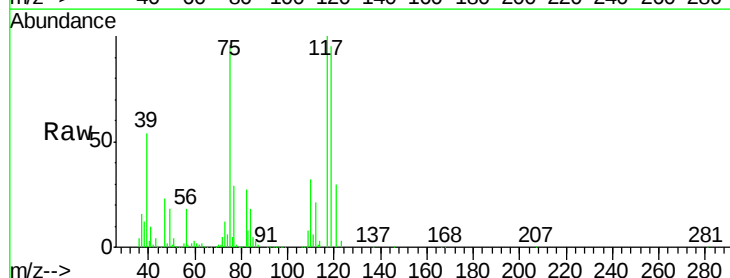
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#38
Carbon Tetrachloride
Concen: 55.855 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.0	115.6
121	30.1	24.6	36.8





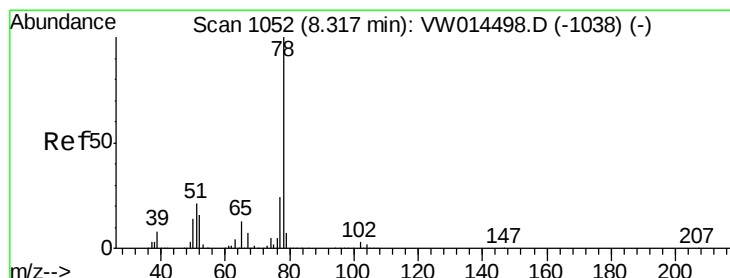
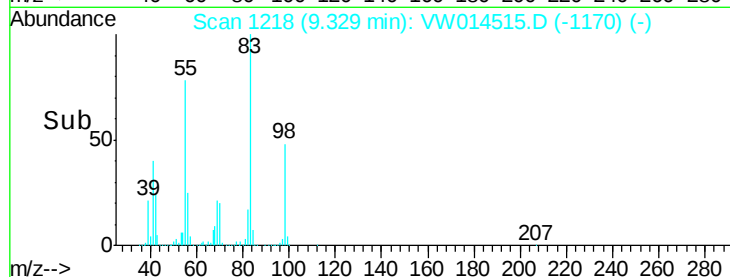
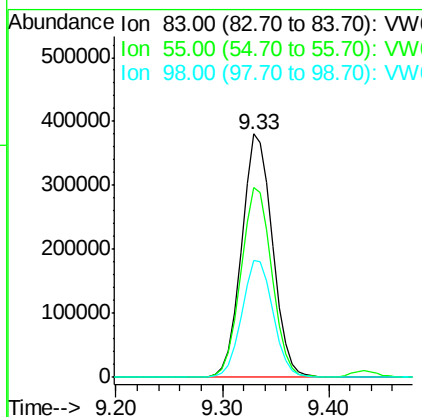
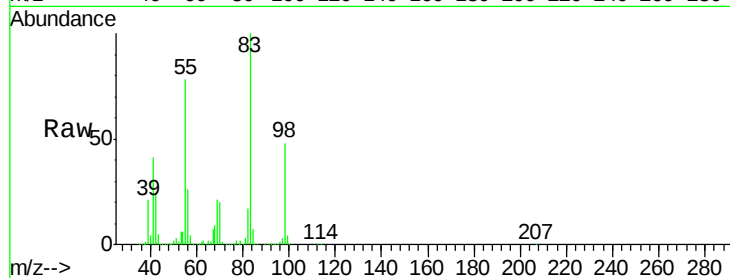
#39
Methvlcvclohexane
Concen: 58.223 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.8	60.1	90.1
98	48.2	38.8	58.2

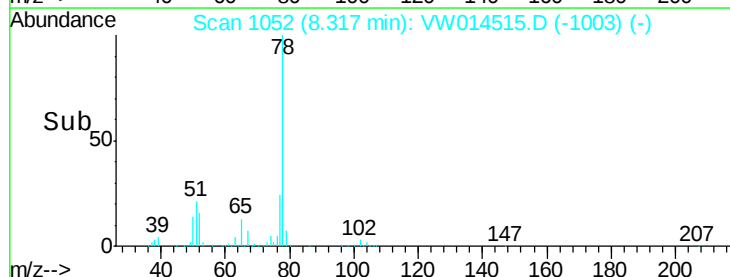
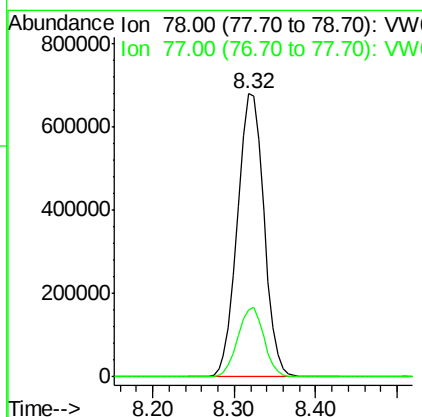
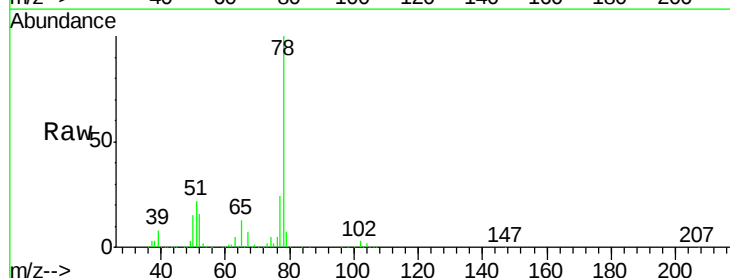
Manual Integrations
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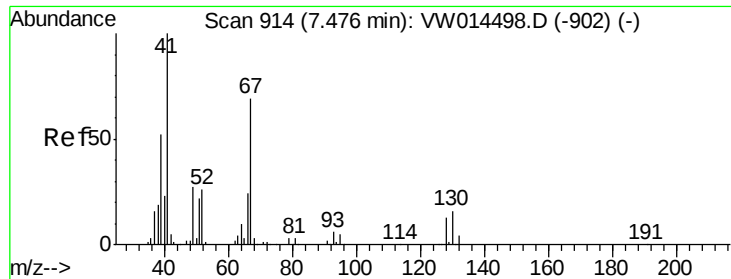
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#40
Benzene
Concen: 52.109 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9





#41

Methacrylonitrile

Concen: 58.784 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.01 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 154263

Ion Ratio Lower Upper

41 100

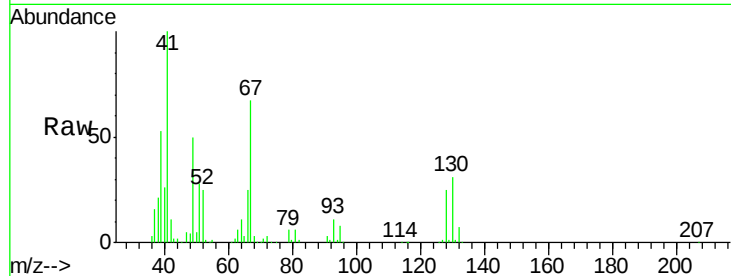
39 51.7 46.0 69.0

67 76.7 60.8 91.2

52 30.3 23.7 35.5

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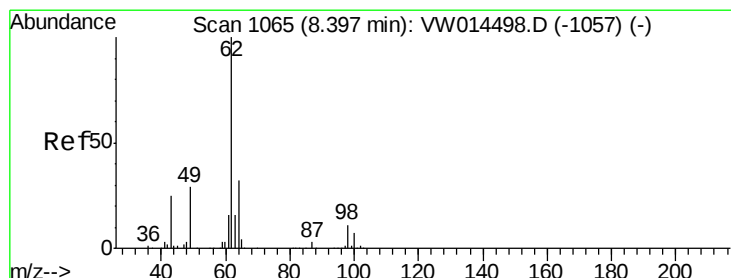
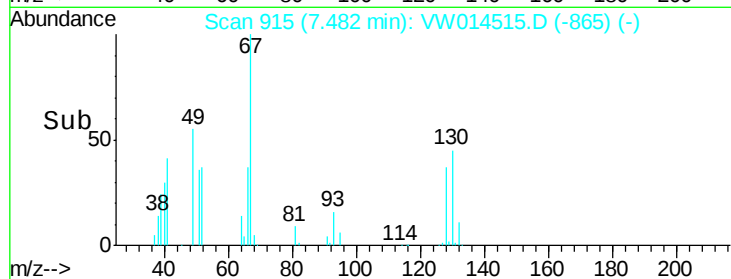
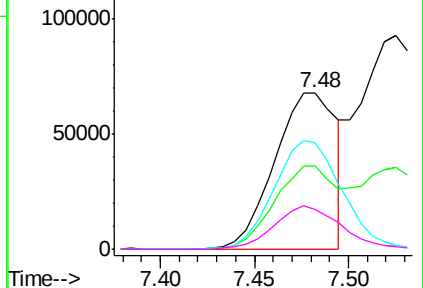


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 53.531 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW014515.D

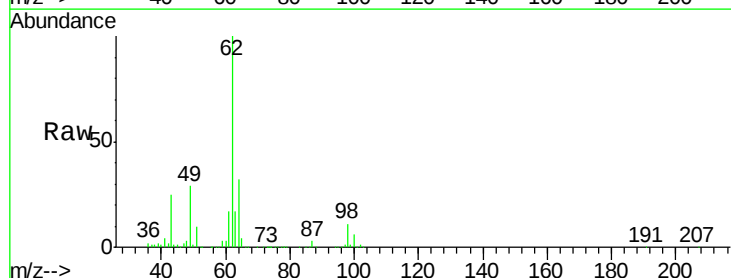
Acq: 03 Jan 2020 22:35

Tgt Ion: 62 Resp: 407982

Ion Ratio Lower Upper

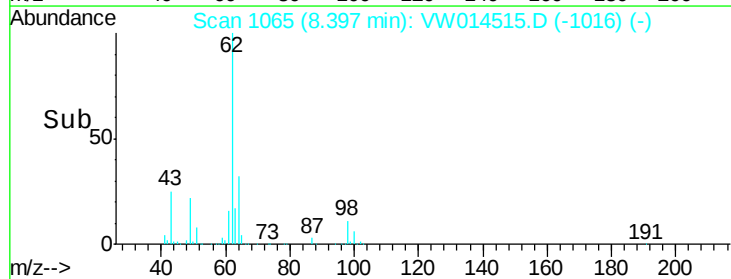
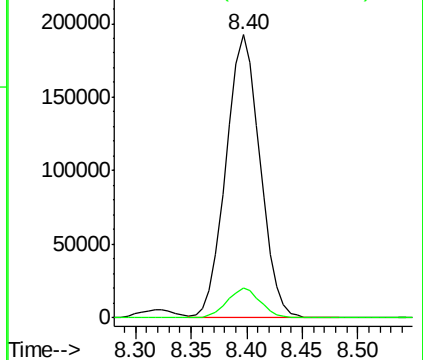
62 100

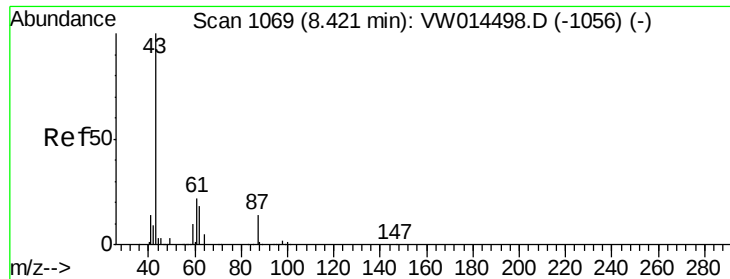
98 10.4 0.0 22.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 60.282 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Instrument :

MSVOA_W

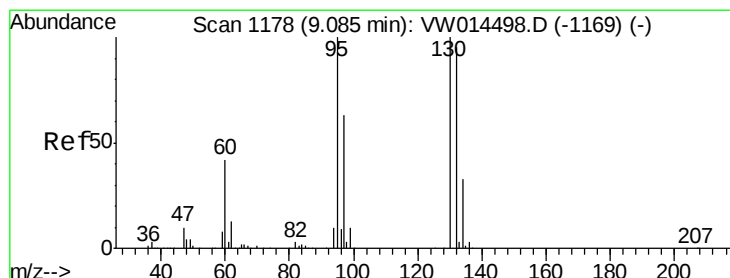
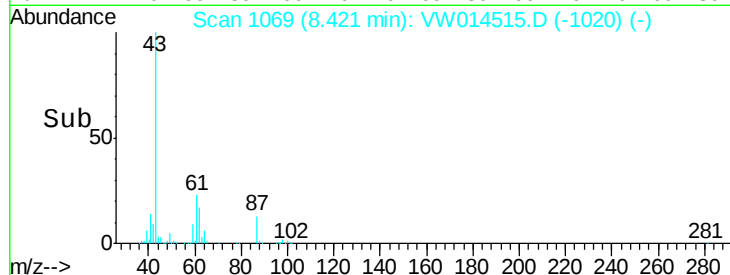
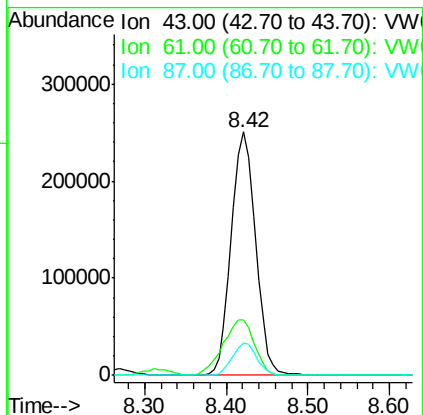
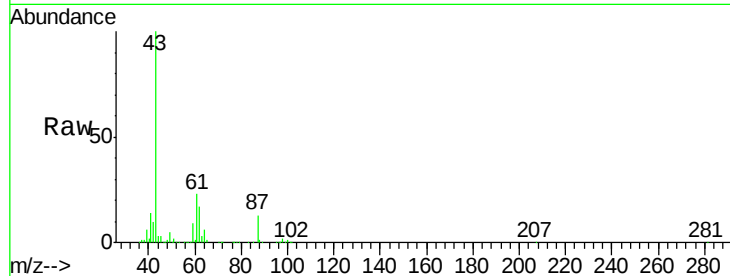
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	515324
Ion	Ratio	Lower	Upper
43	100		
61	29.6	24.7	37.1
87	13.2	11.1	16.7

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#44

Trichloroethene

Concen: 52.276 ug/l

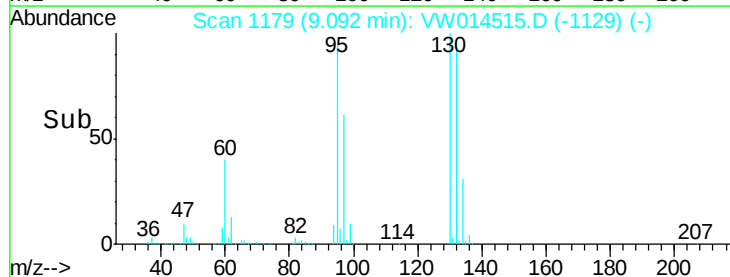
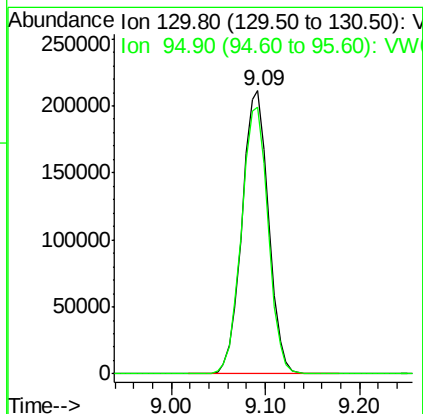
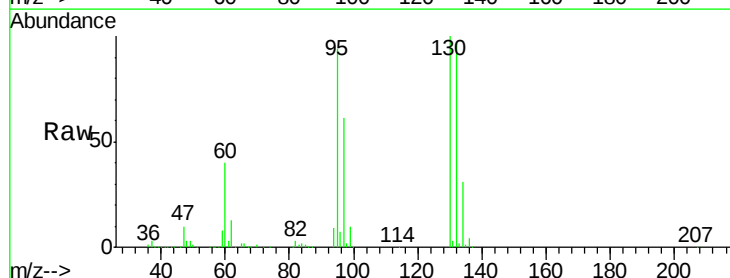
RT: 9.09 min Scan# 1179

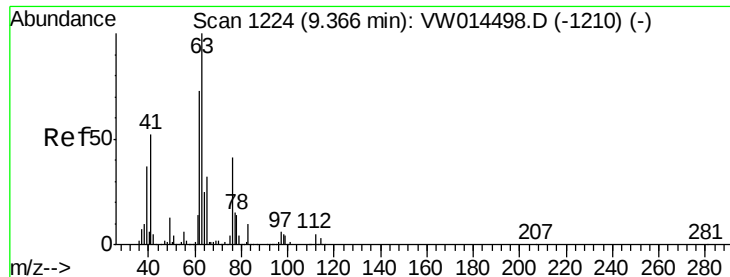
Delta R.T. 0.01 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Tgt Ion:	130	Resp:	415439
Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	199.4





#45

1,2-Dichloropropane

Concen: 51.961 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 374470

Ion Ratio Lower Upper

63 100

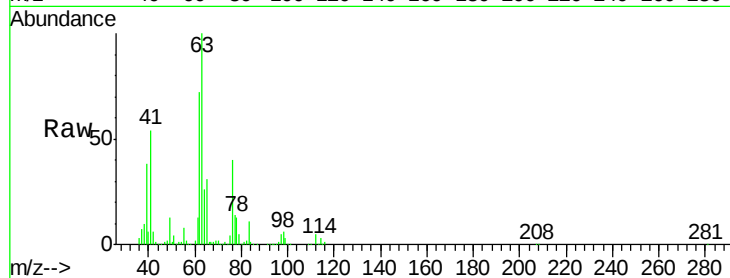
65 30.8 25.6 38.4

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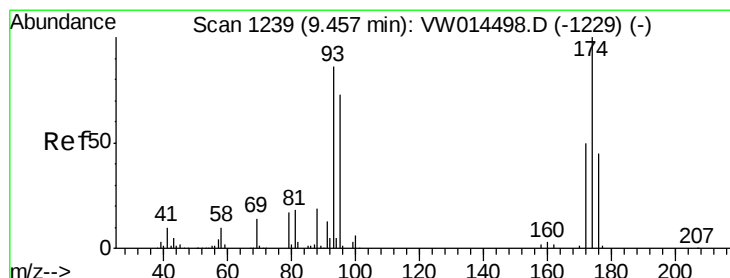
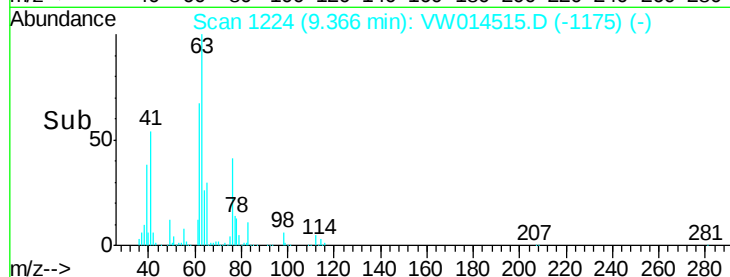
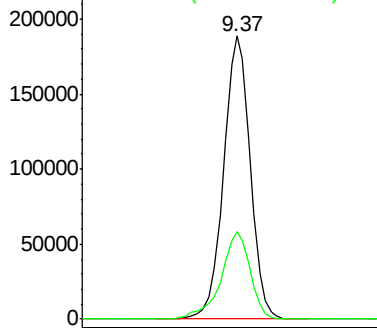
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 53.819 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

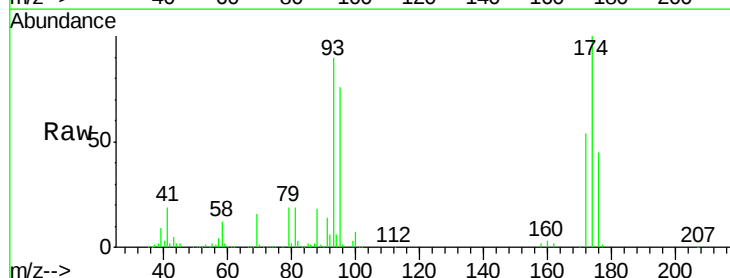
Tgt Ion: 93 Resp: 191476

Ion Ratio Lower Upper

93 100

95 83.2 66.4 99.6

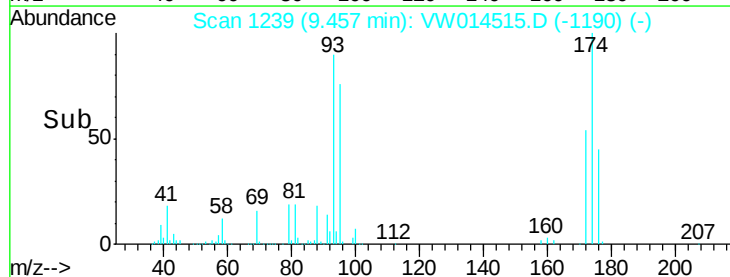
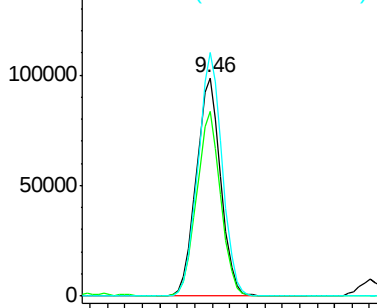
174 110.2 89.1 133.7

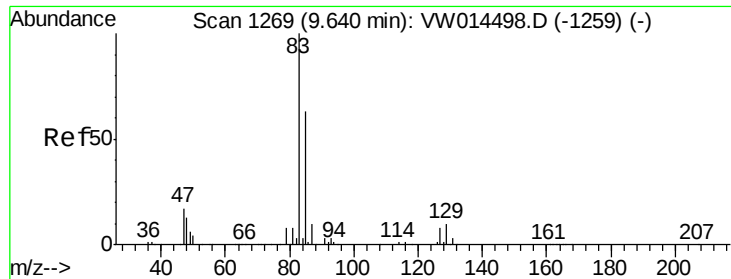


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





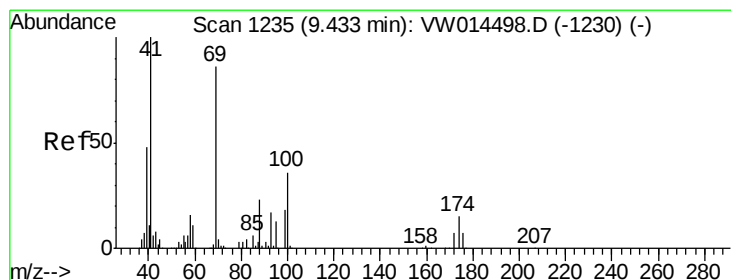
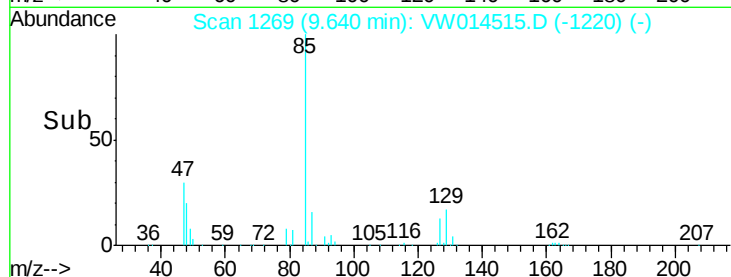
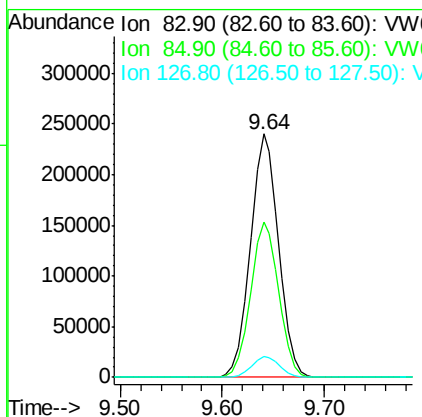
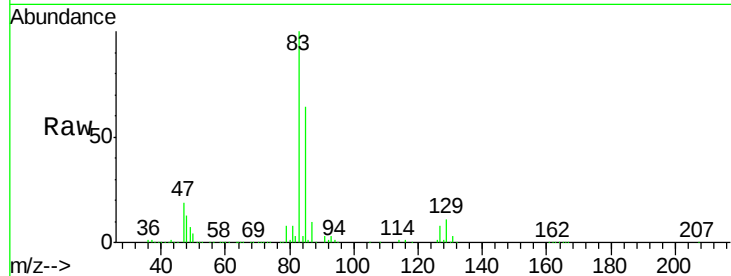
#47
Bromodichloromethane
Concen: 52.374 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	460038		
85	63.8		50.6	76.0
127	8.4		6.6	9.8

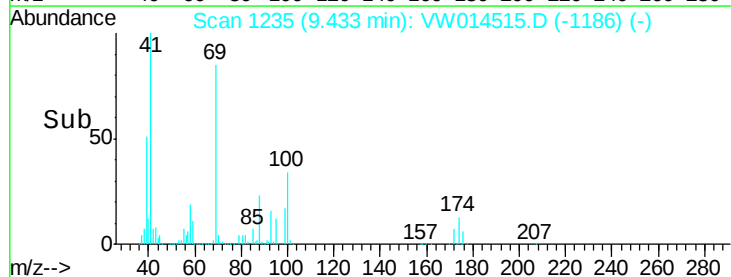
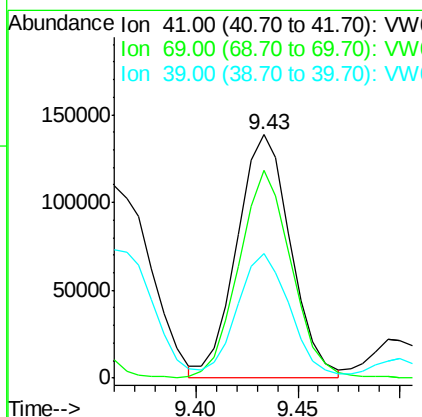
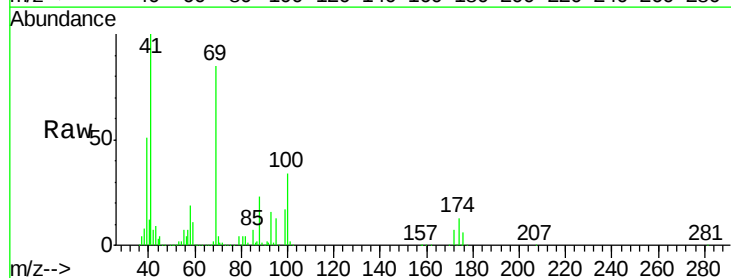
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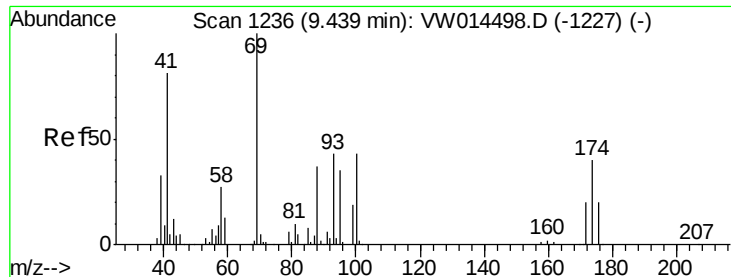
apatel
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#48
Methyl methacrylate
Concen: 60.653 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	253153		
69	83.7		68.3	102.5
39	46.7		36.8	55.2





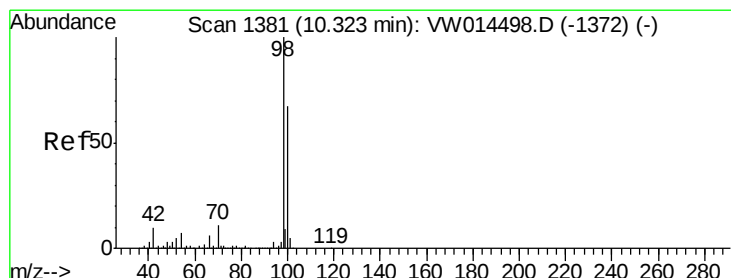
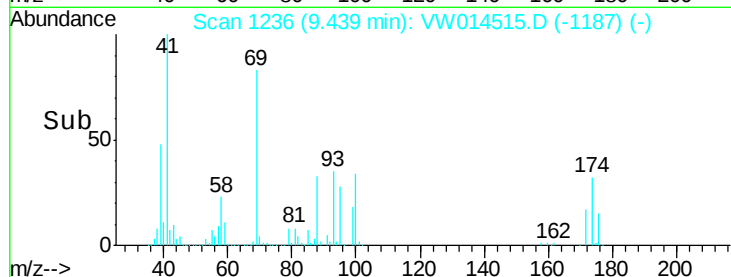
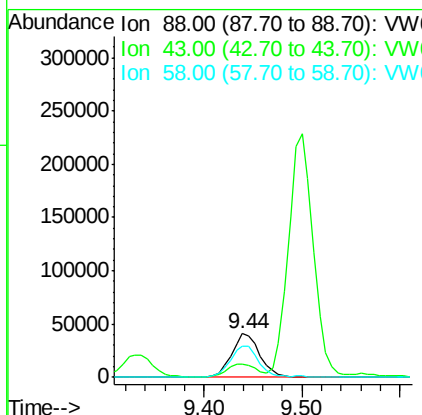
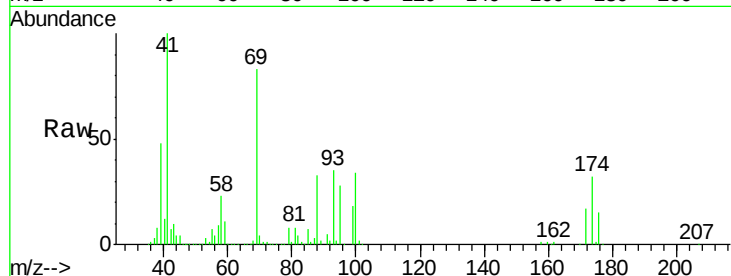
#49
1,4-Dioxane
Concen: 1222.161 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.0	24.9	37.3
58	71.7	56.9	85.3

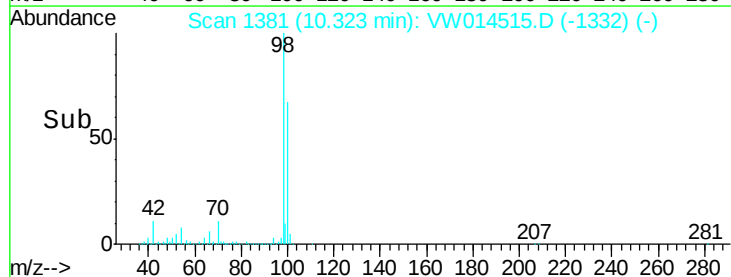
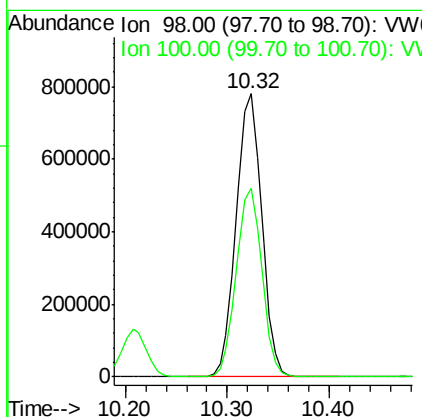
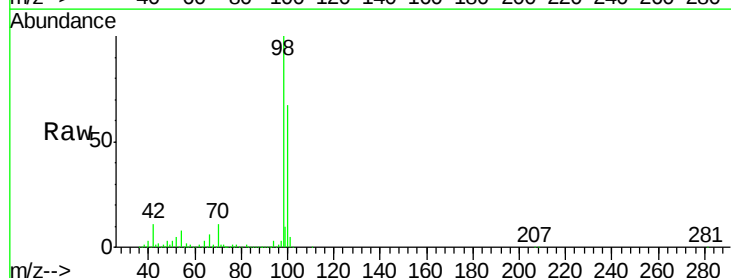
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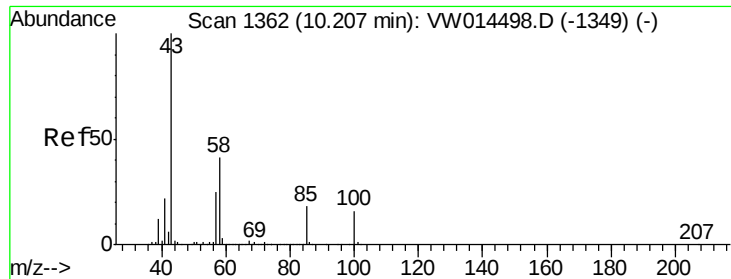
apatel
1/6/2020 10:43:39 AM



#50
Toluene-d8
Concen: 52.735 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.8	80.6





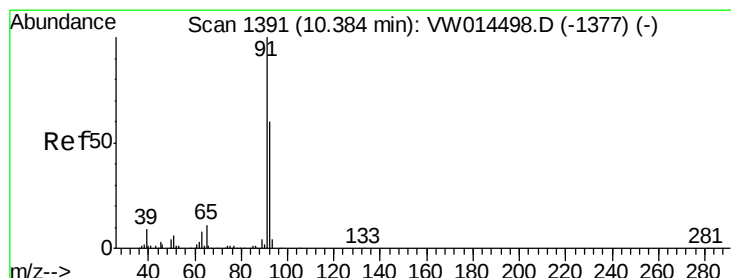
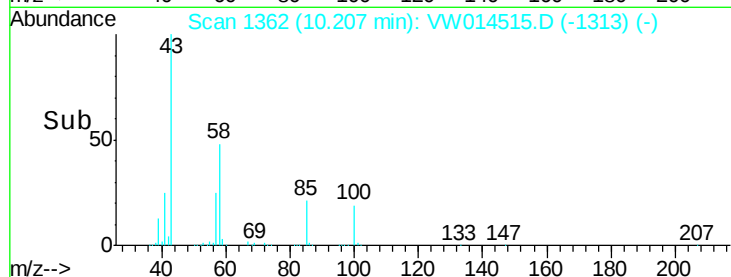
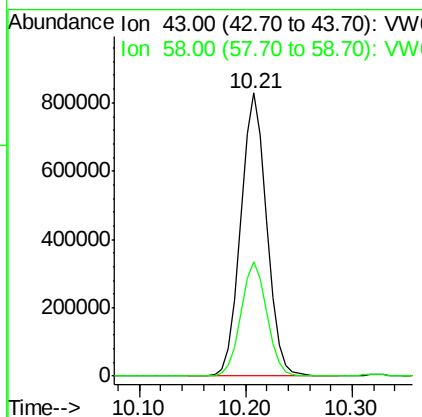
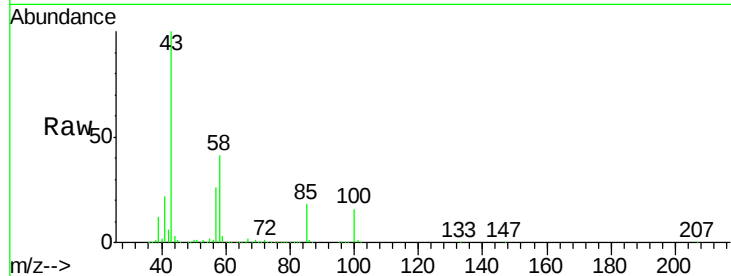
#51
4-Methyl-2-Pentanone
Concen: 319.247 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1417236
Ion Ratio Lower Upper
43 100
58 40.4 32.7 49.1

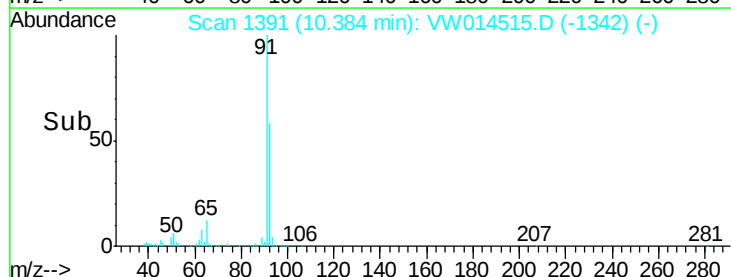
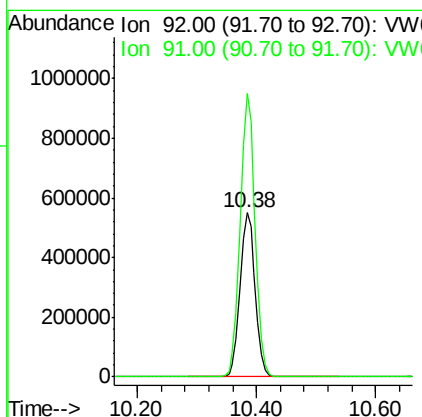
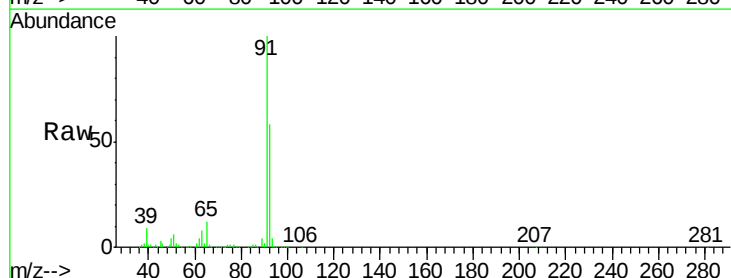
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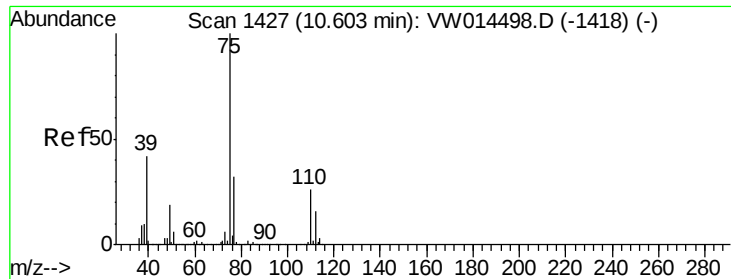
apatel
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#52
Toluene
Concen: 52.048 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Tgt Ion: 92 Resp: 961643
Ion Ratio Lower Upper
92 100
91 170.3 134.1 201.1





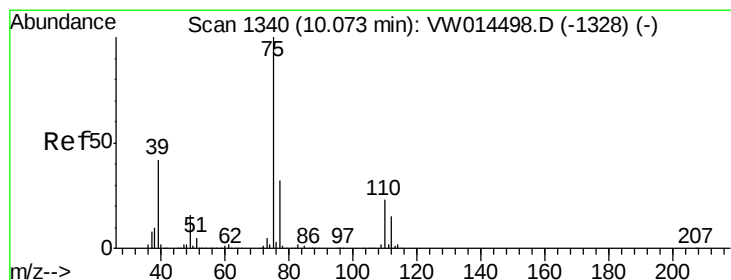
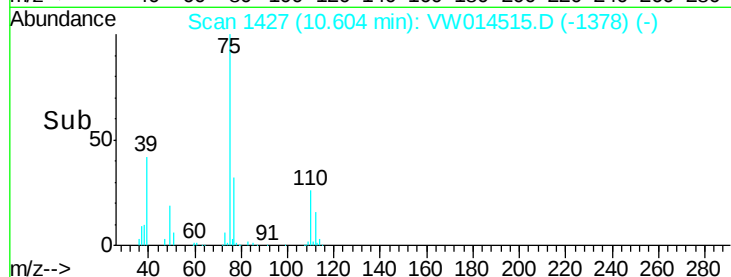
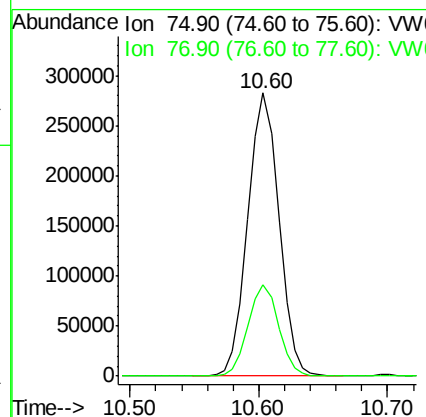
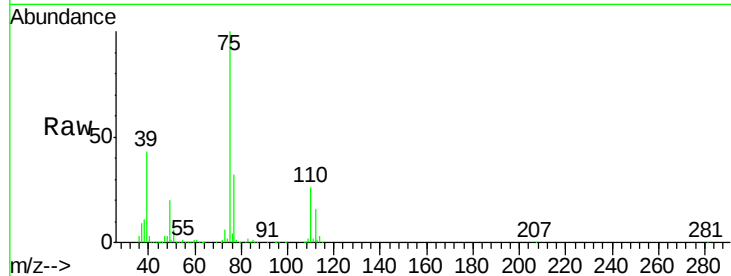
#53
t-1,3-Dichloropropene
Concen: 52.101 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 473837
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2

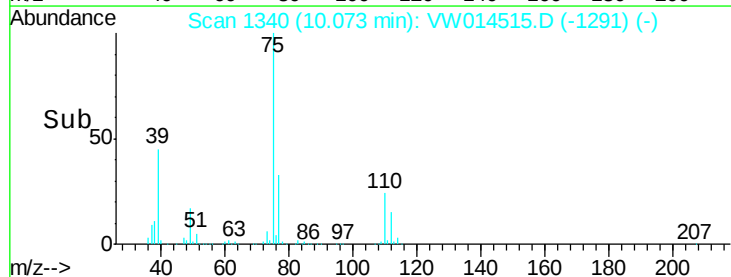
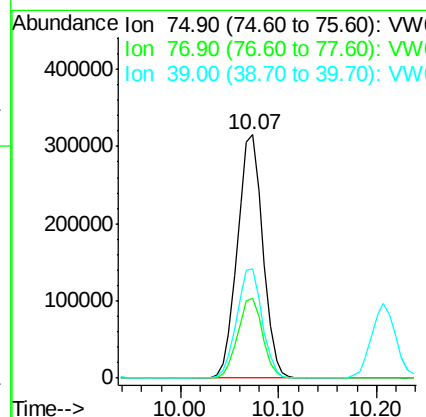
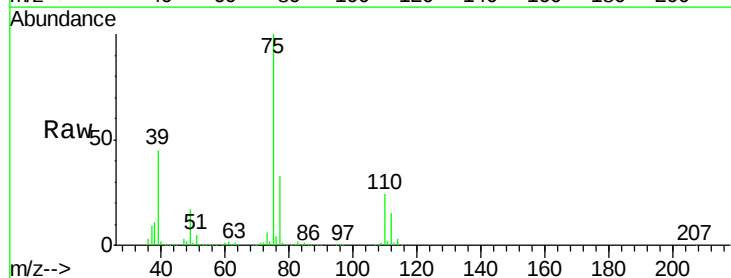
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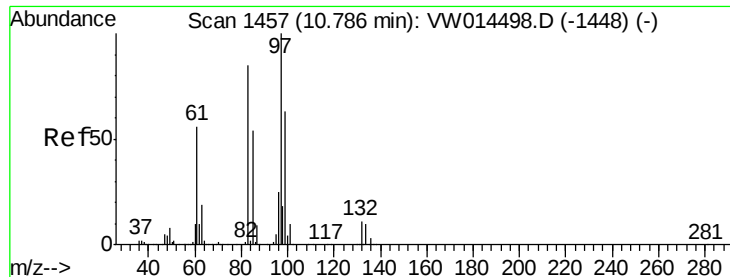
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#54
cis-1,3-Dichloropropene
Concen: 51.161 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Tgt Ion: 75 Resp: 568654
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0
39 44.6 33.4 50.2





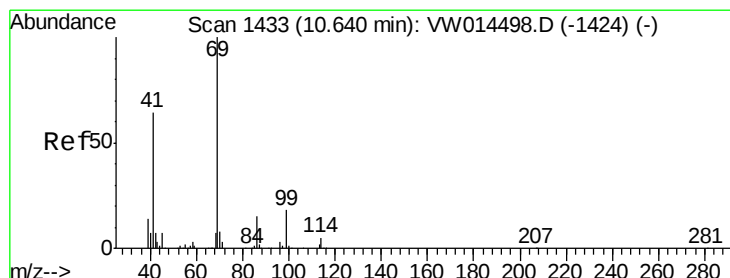
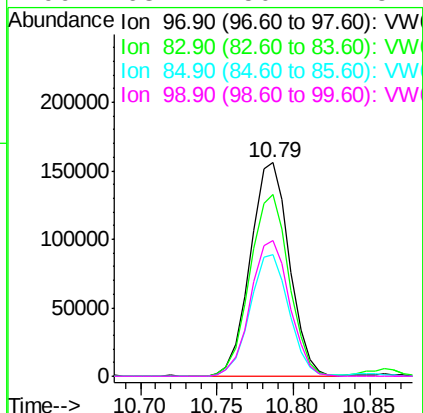
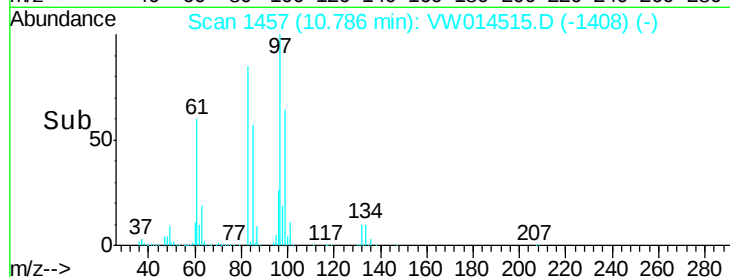
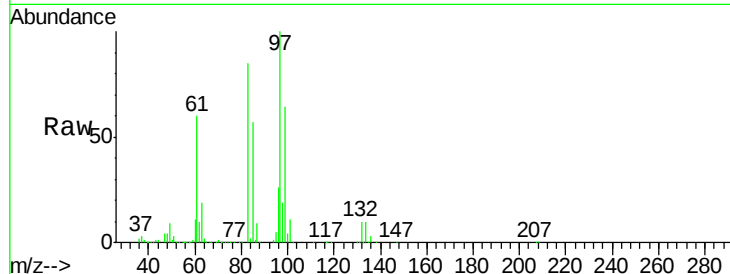
#55
 1,1,2-Trichloroethane
 Concen: 53.471 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW014515.D
 Acq: 03 Jan 2020 22:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	277839
Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.2	102.4
85	56.8	43.0	64.4
99	63.7	50.1	75.1

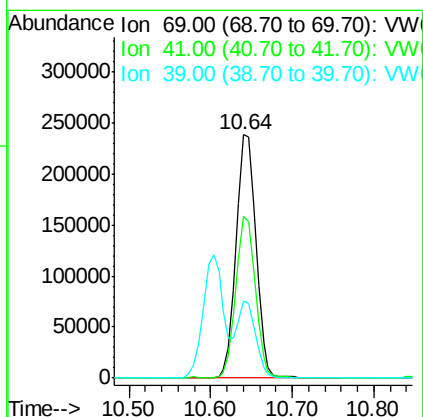
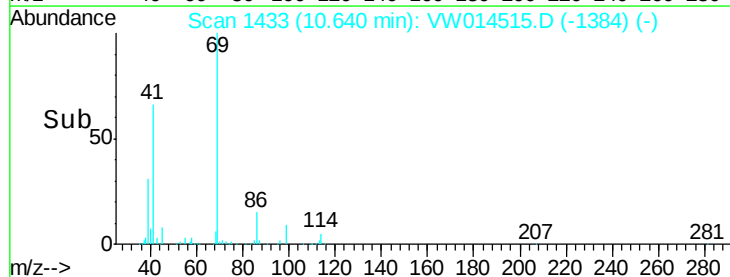
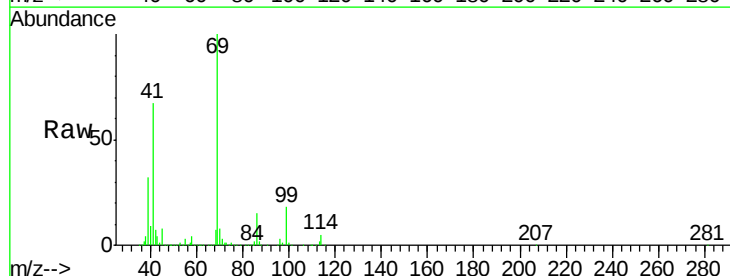
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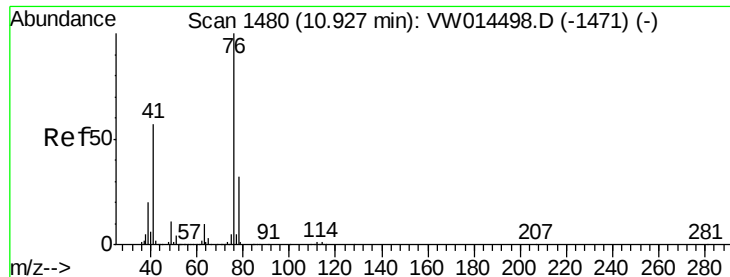
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#56
 Ethyl methacrylate
 Concen: 58.836 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VW014515.D
 Acq: 03 Jan 2020 22:35

Tgt Ion:	69	Resp:	397305
Ion	Ratio	Lower	Upper
69	100		
41	66.2	51.3	76.9
39	27.7	21.0	31.6





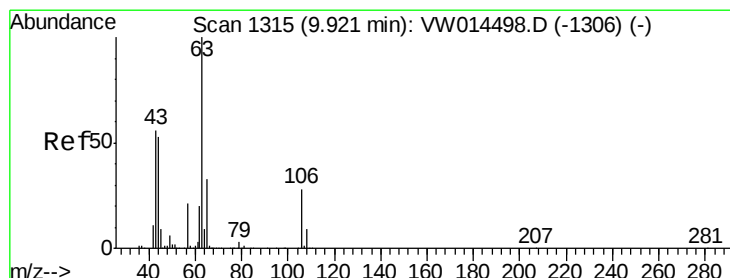
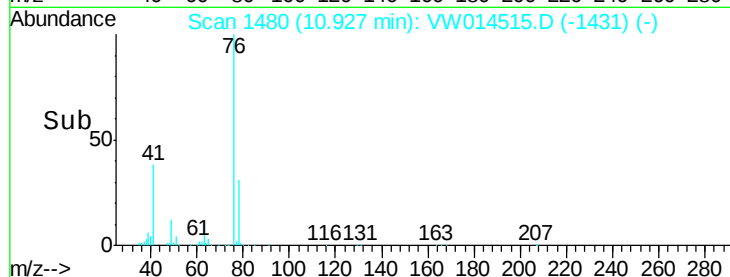
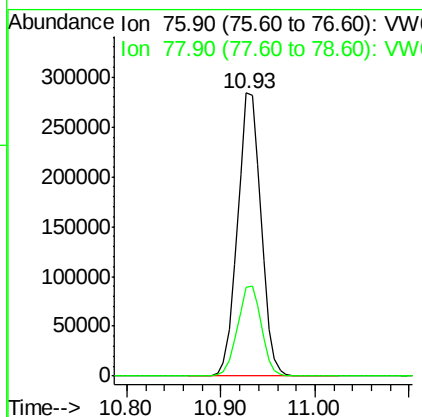
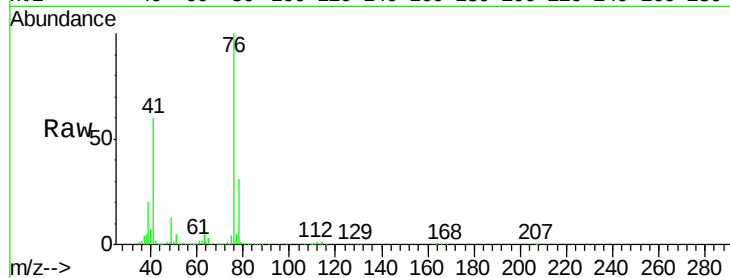
#57
 1,3-Dichloropropane
 Concen: 53.972 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW014515.D
 Acq: 03 Jan 2020 22:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.9	38.9

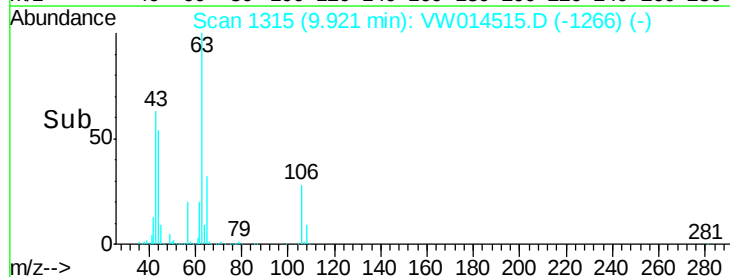
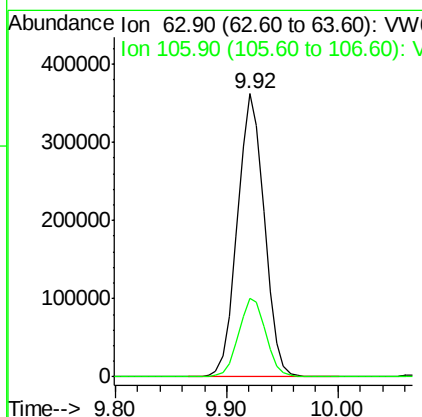
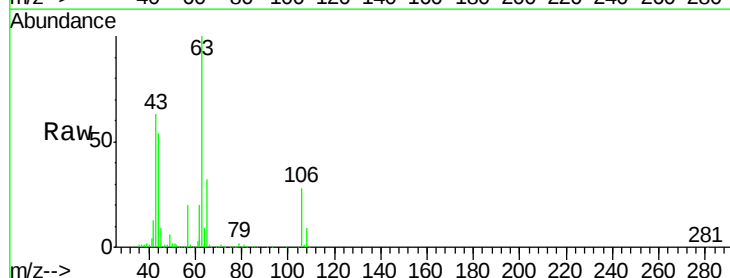
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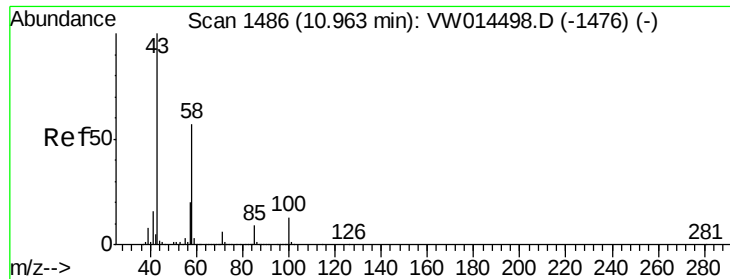
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#58
 2-Chloroethyl Vinyl ether
 Concen: 295.295 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW014515.D
 Acq: 03 Jan 2020 22:35

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.9	23.0	34.6





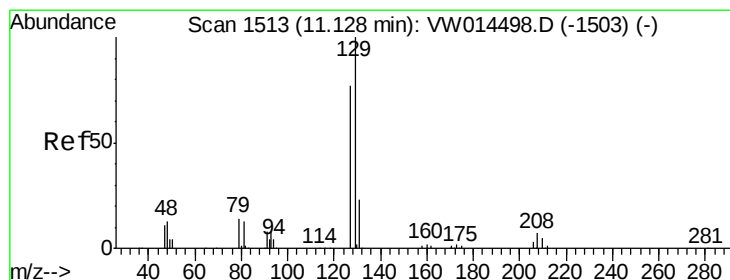
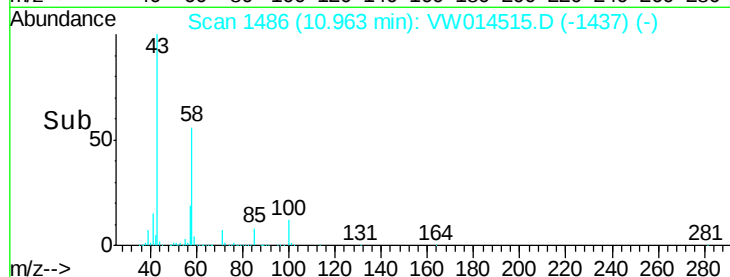
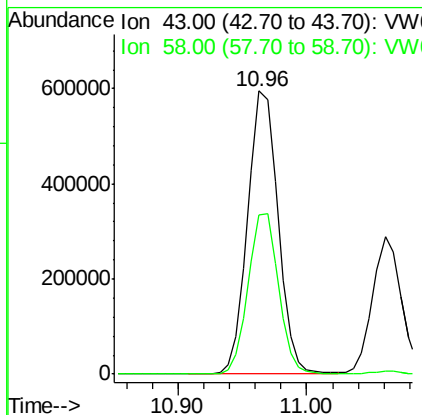
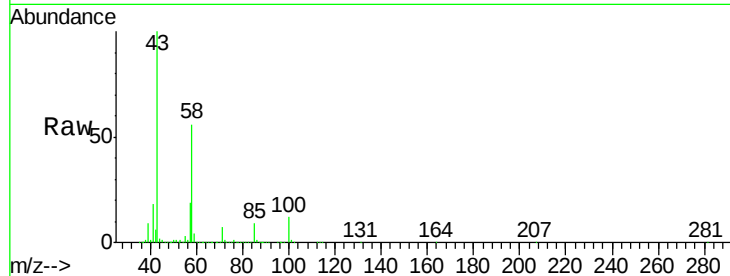
#59
2-Hexanone
Concen: 317.893 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 972459
Ion Ratio Lower Upper
43 100
58 56.6 28.7 86.3

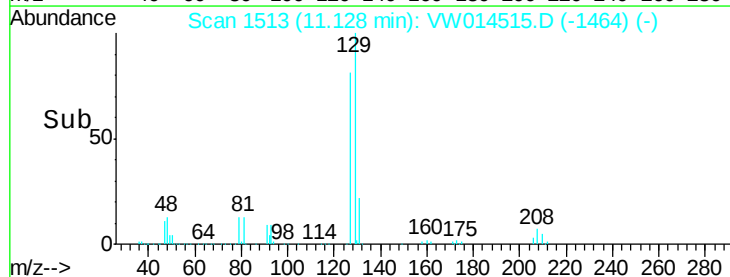
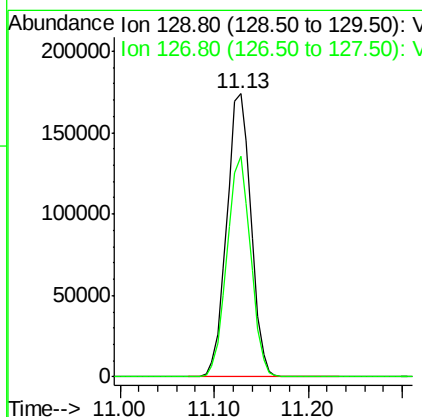
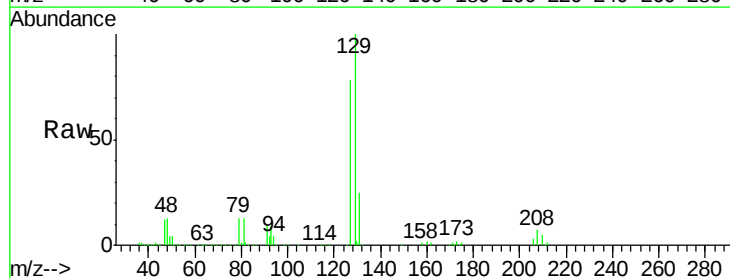
Manual Integrations
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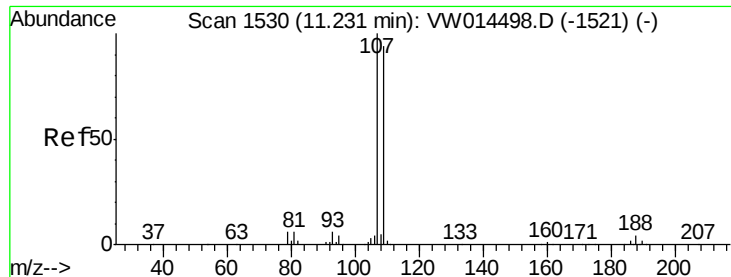
apatel
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#60
Dibromochloromethane
Concen: 53.026 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Tgt Ion: 129 Resp: 310876
Ion Ratio Lower Upper
129 100
127 76.4 38.1 114.5





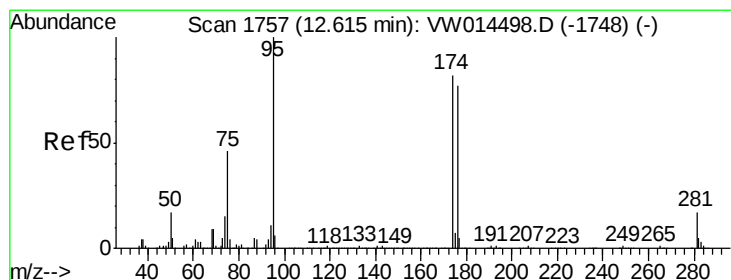
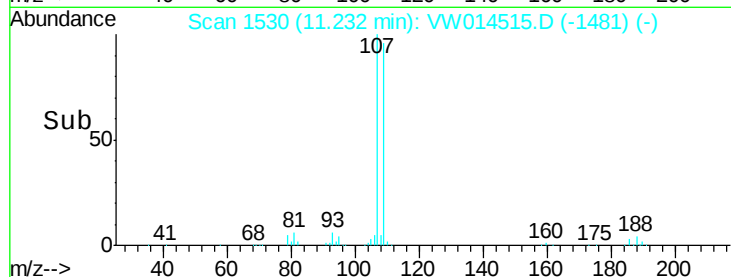
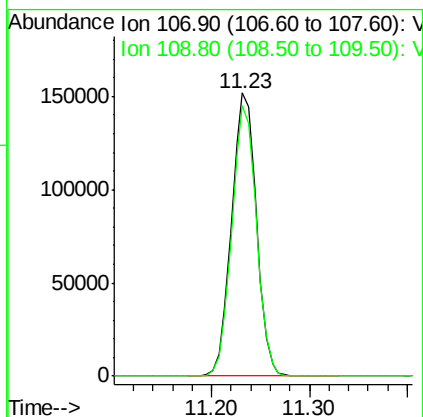
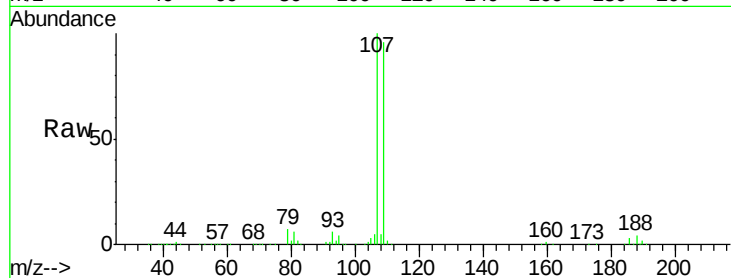
#61
 1,2-Dibromoethane
 Concen: 54.307 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW014515.D
 Acq: 03 Jan 2020 22:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.1	112.7

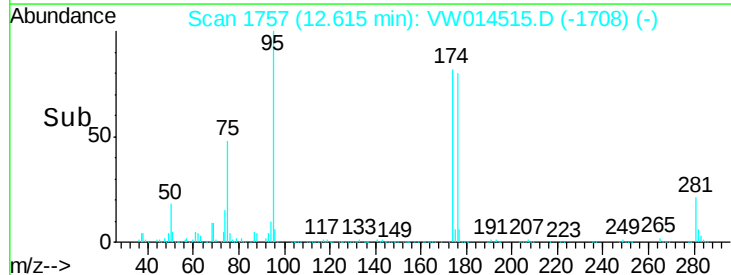
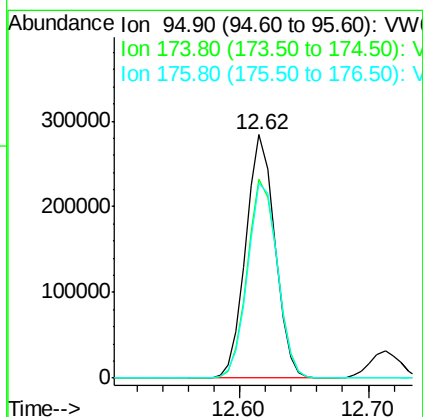
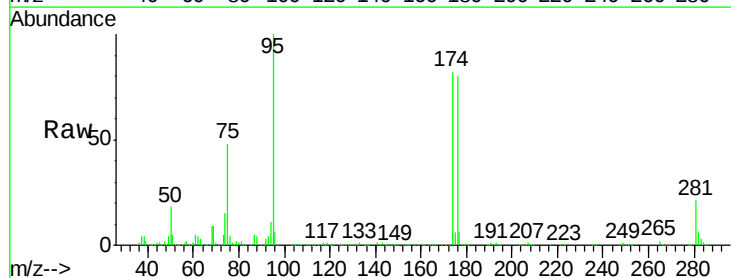
Manual Integrations
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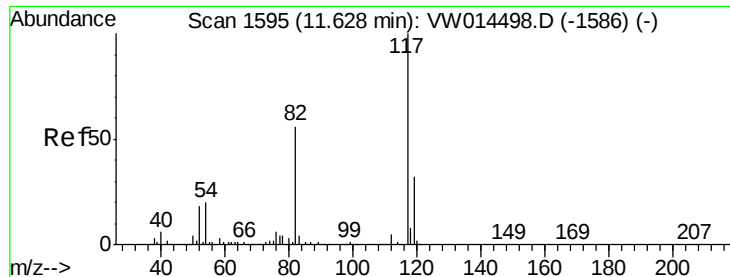
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.923 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW014515.D
 Acq: 03 Jan 2020 22:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	168.6
176	82.2	0.0	162.0





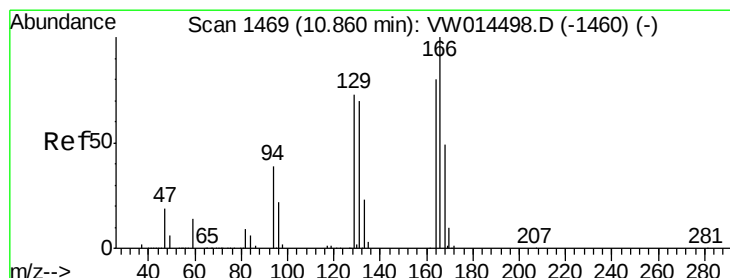
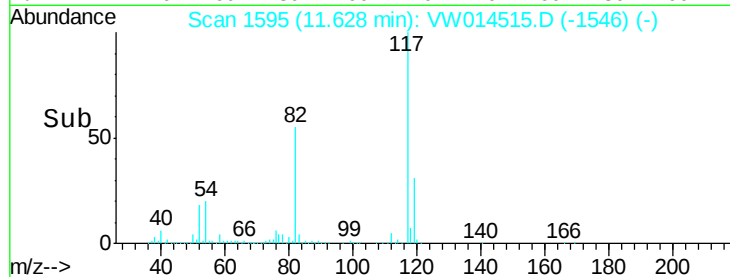
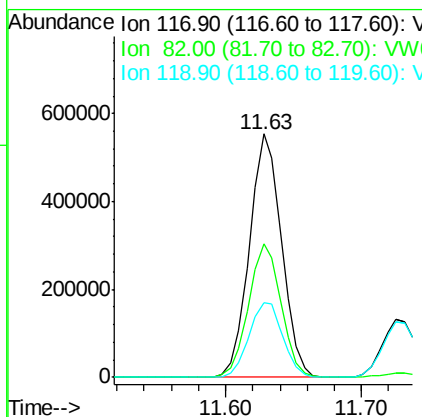
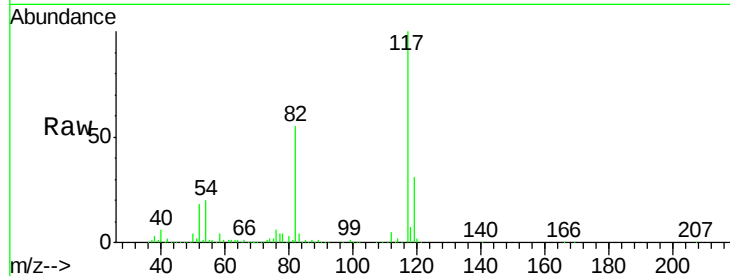
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	919361		
82	54.7	44.6	67.0	
119	30.8	25.7	38.5	

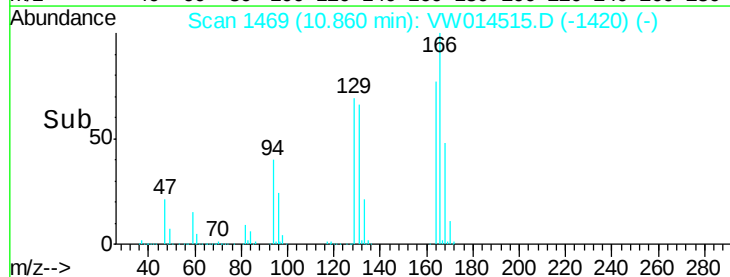
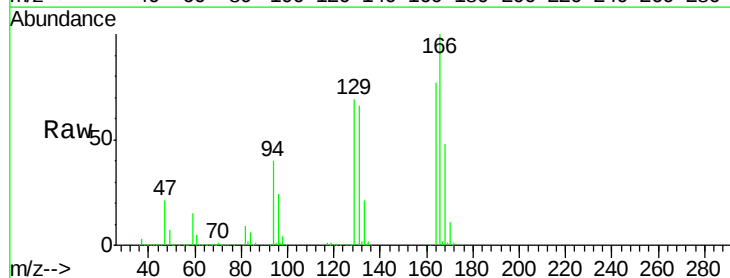
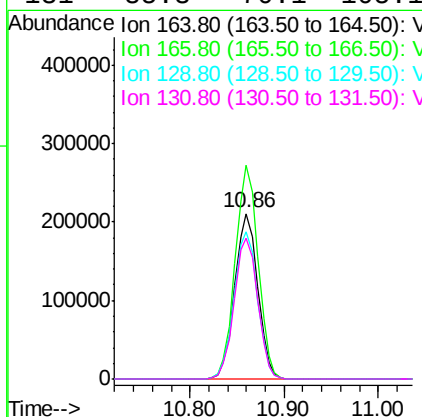
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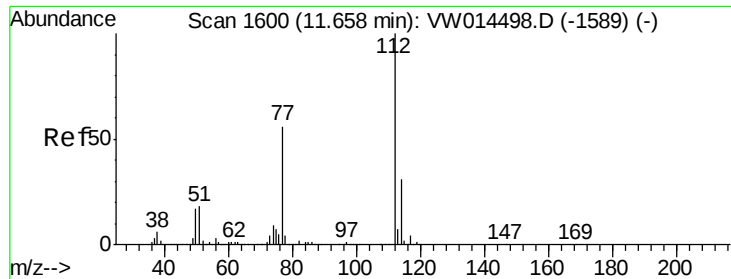
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#64
Tetrachloroethene
Concen: 53.834 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	358310		
166	129.1	99.8	149.6	
129	89.0	72.4	108.6	
131	85.3	70.1	105.1	





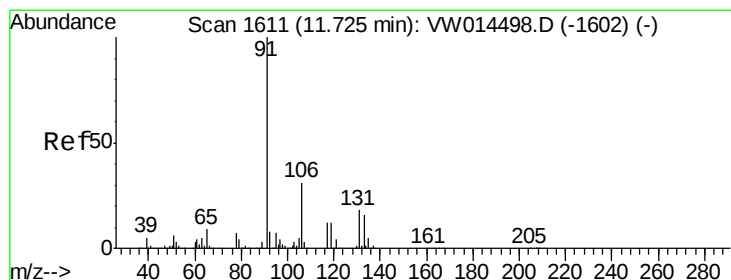
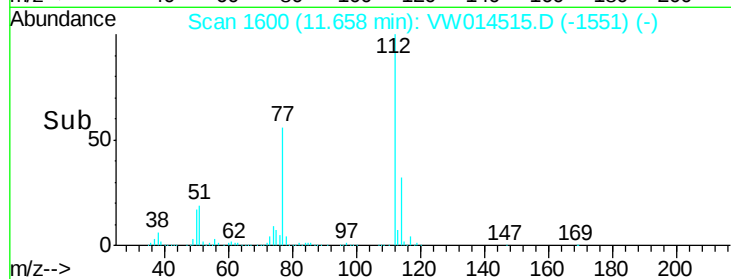
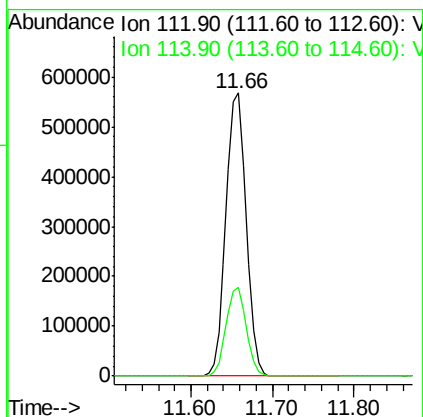
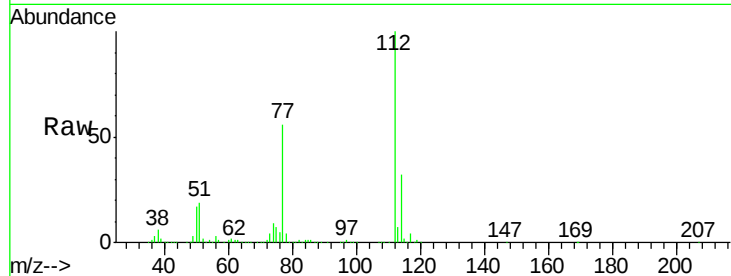
#65
Chlorobenzene
Concen: 51.510 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	24.6	37.0

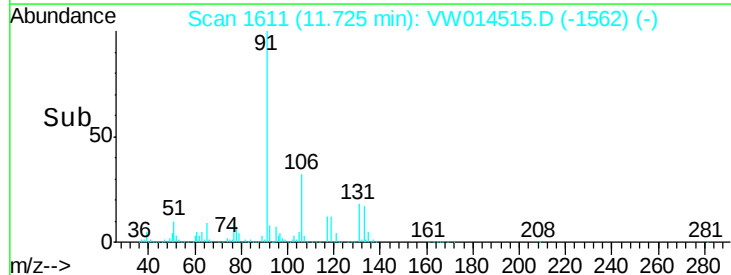
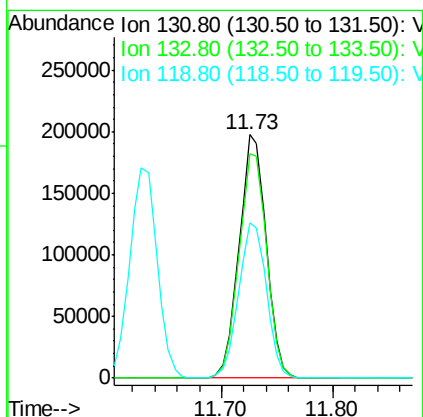
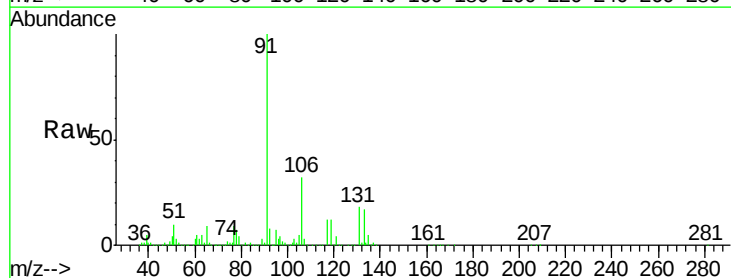
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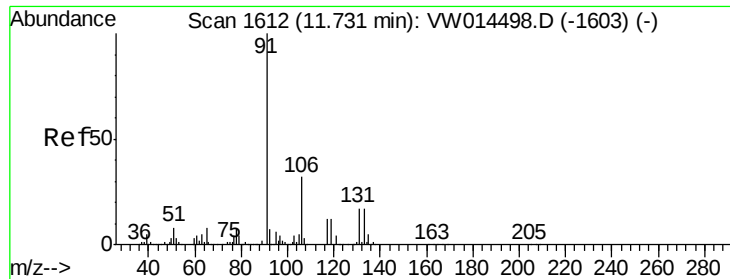
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.462 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.3	142.0
119	65.5	33.1	99.3





#67

Ethyl Benzene

Concen: 52.789 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1791813

Ion Ratio Lower Upper

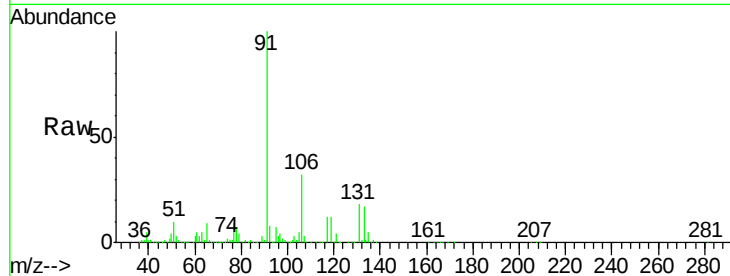
91 100

106 31.6 25.5 38.3

Manual Integrations
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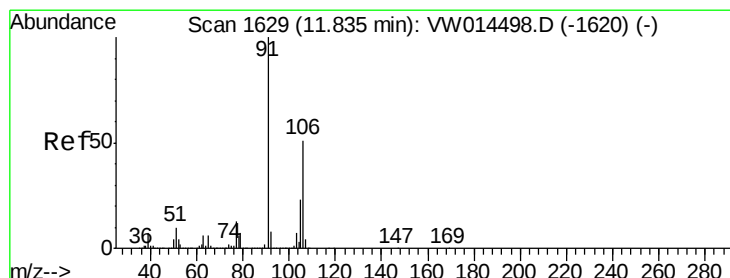
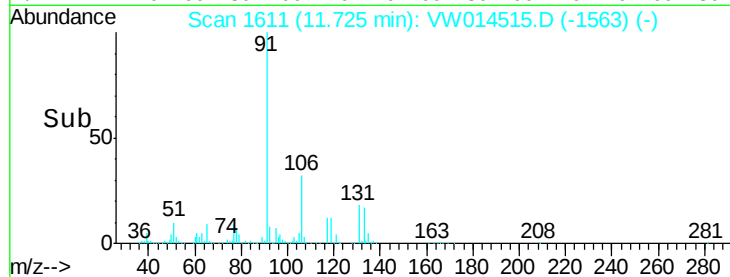
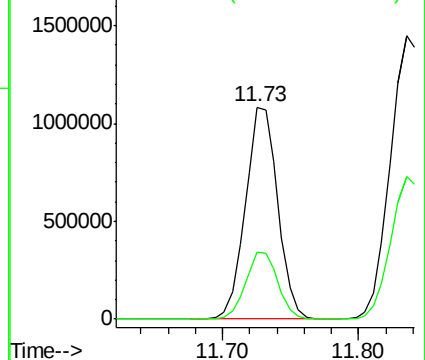
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 105.255 ug/l

RT: 11.84 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VW014515.D

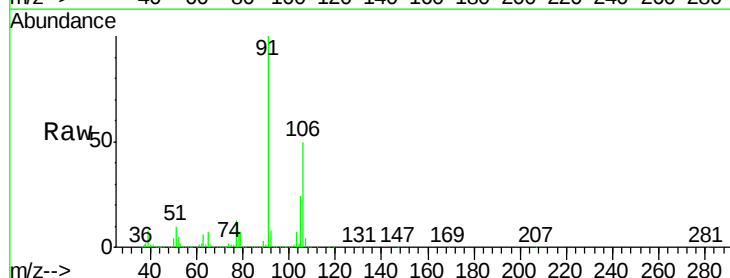
Acq: 03 Jan 2020 22:35

Tgt Ion: 106 Resp: 1367357

Ion Ratio Lower Upper

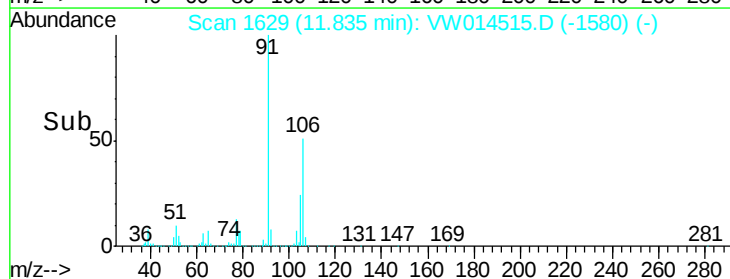
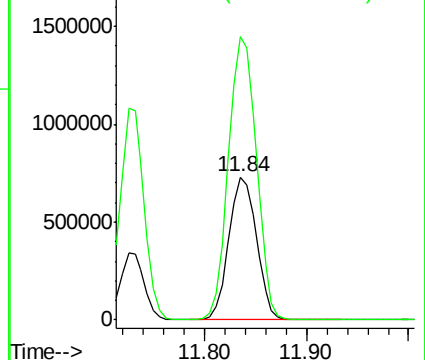
106 100

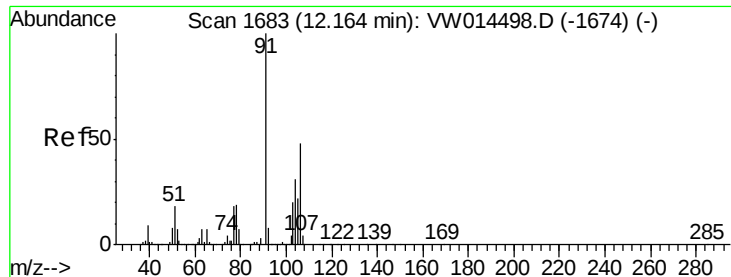
91 200.2 159.0 238.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





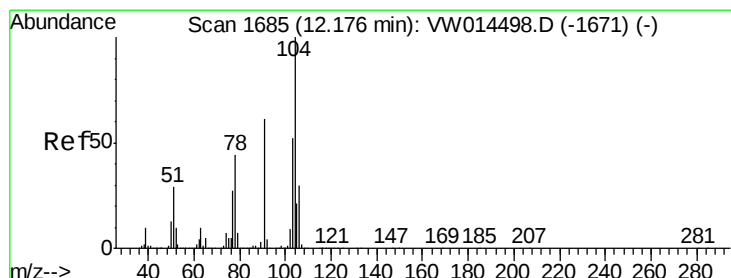
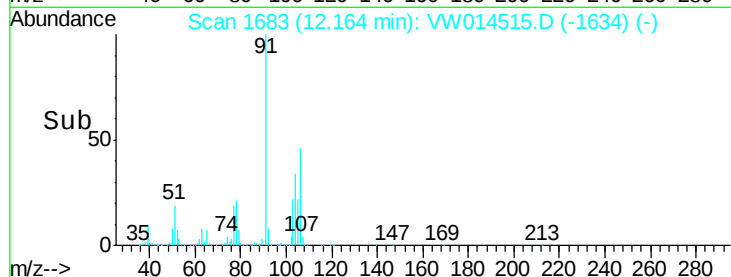
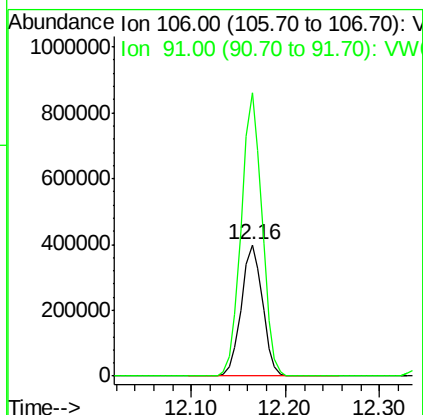
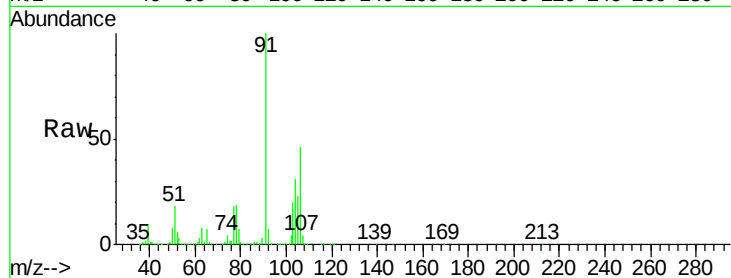
#69
o-Xylene
Concen: 52.184 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.7	105.2	315.6

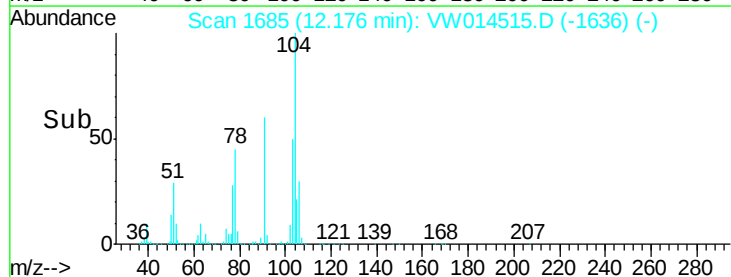
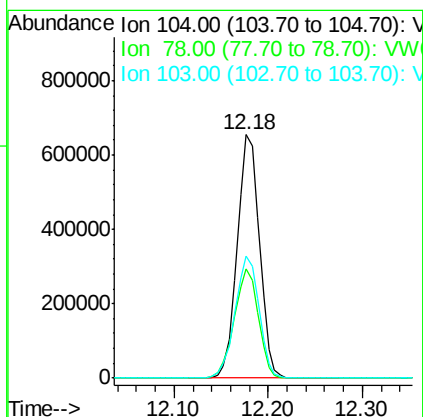
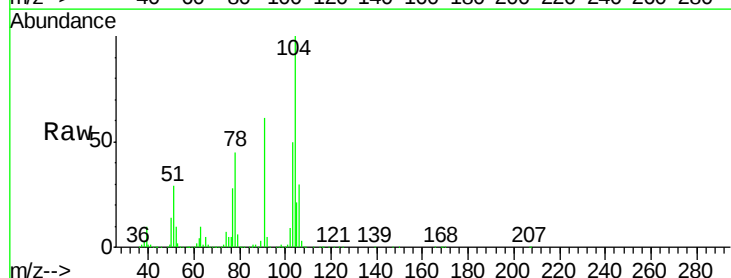
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#70
Styrene
Concen: 53.148 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	38.4	57.6
103	53.8	43.7	65.5





#71

Bromoform

Concen: 55.300 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Instrument :

MSVOA_W

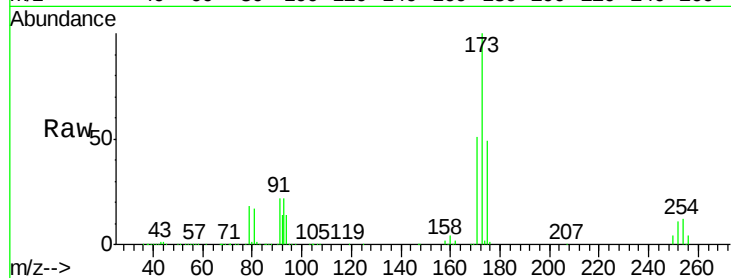
ClientSampleId :

VSTDCCC050EC

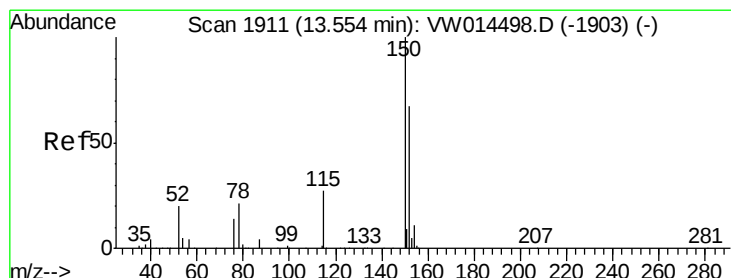
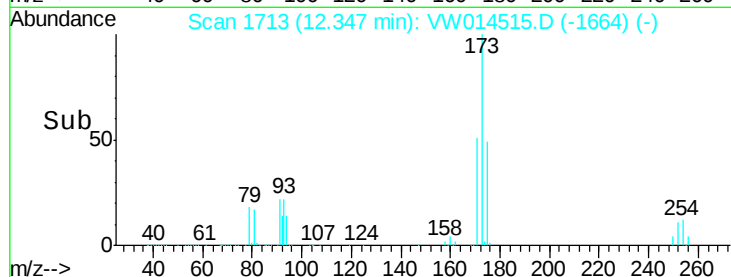
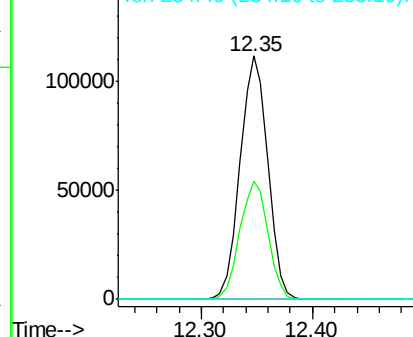
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.5	73.5
254	0.1	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

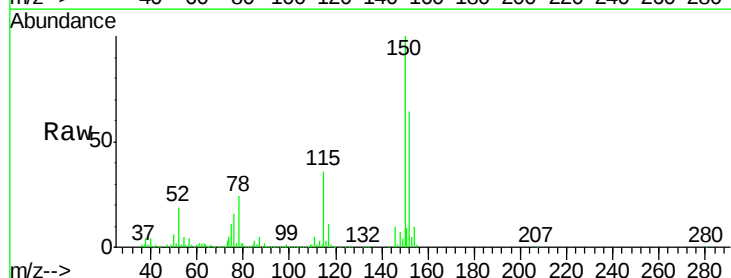
RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

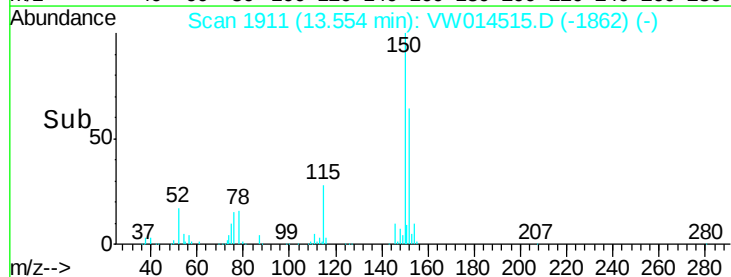
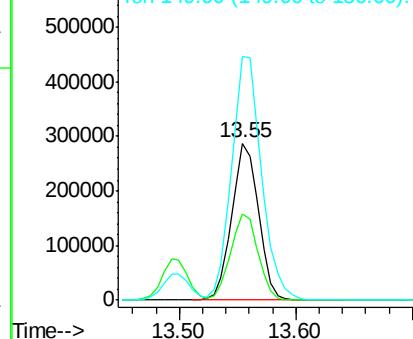
Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	27.7	83.1
150	173.2	0.0	343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.151 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1787581

Ion Ratio Lower Upper

105 100

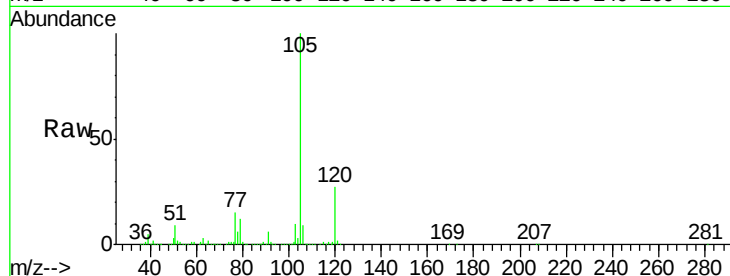
120 26.5 13.4 40.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

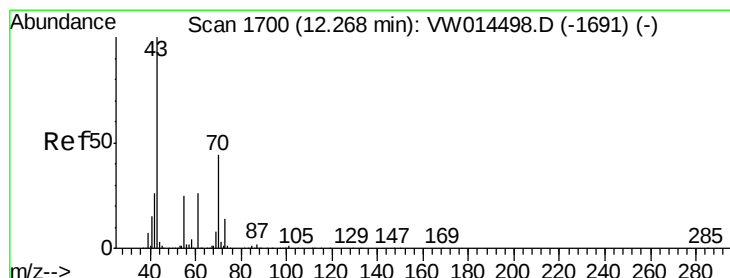
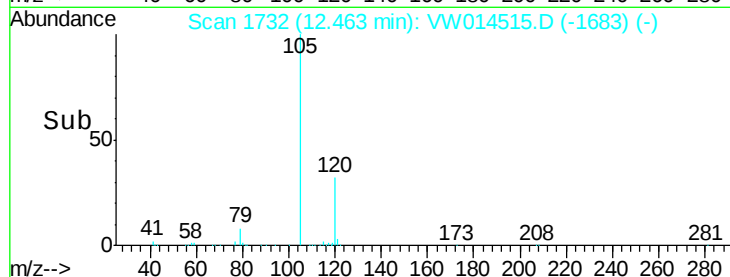
12.46

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 60.785 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Tgt Ion: 43 Resp: 458374

Ion Ratio Lower Upper

43 100

70 44.4 36.5 54.7

55 25.4 20.9 31.3

61 25.1 20.7 31.1

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

400000

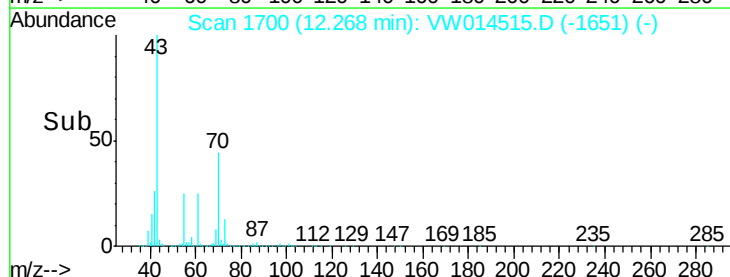
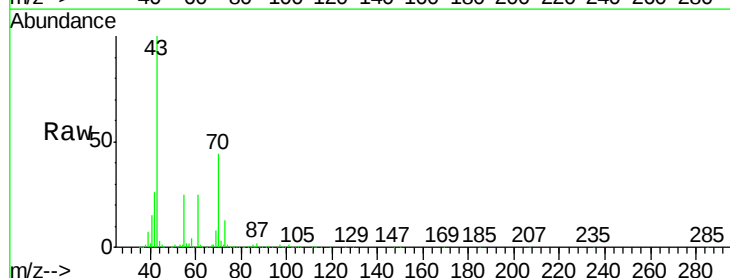
300000

200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 57.135 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Instrument :

MSVOA_W

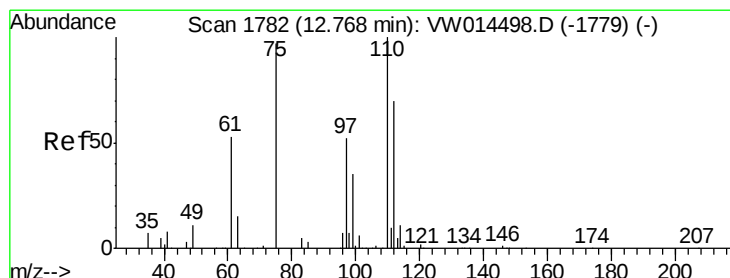
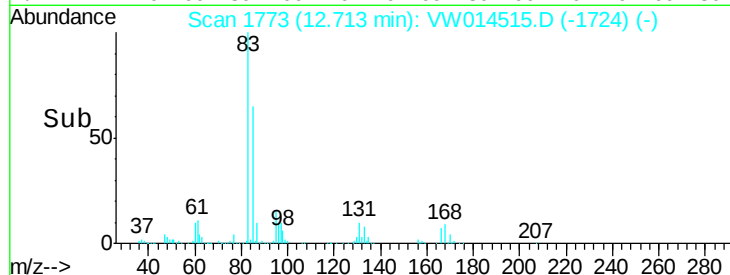
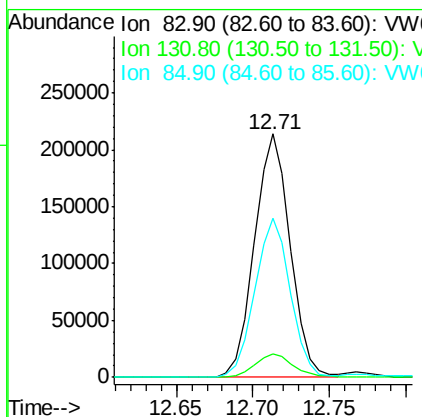
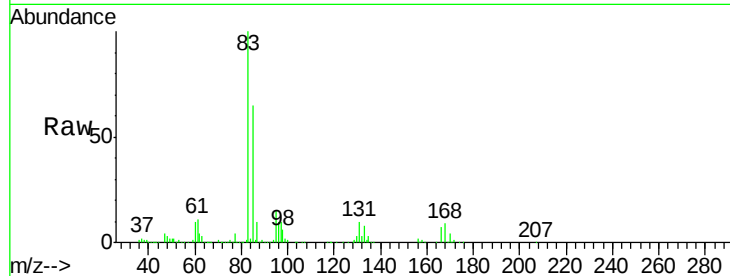
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	346832
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.4
85	64.9	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 50.520 ug/l m

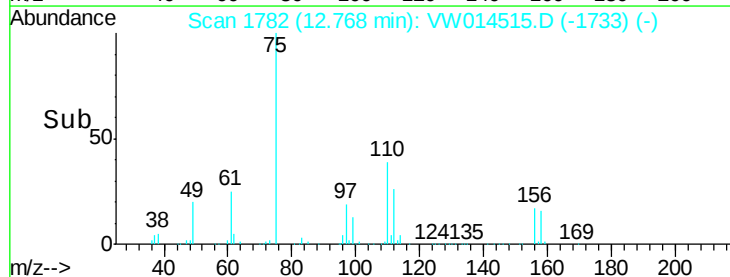
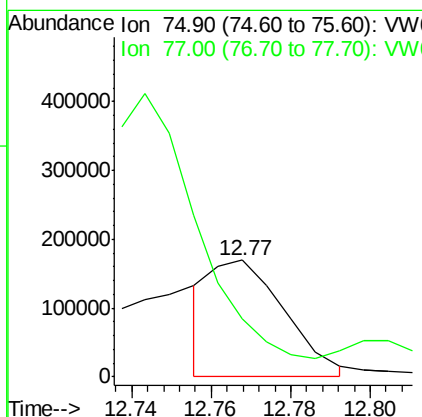
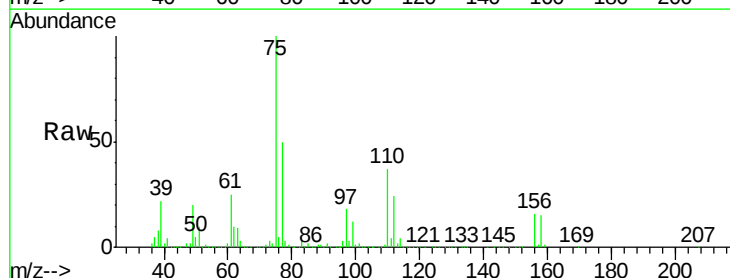
RT: 12.77 min Scan# 1782

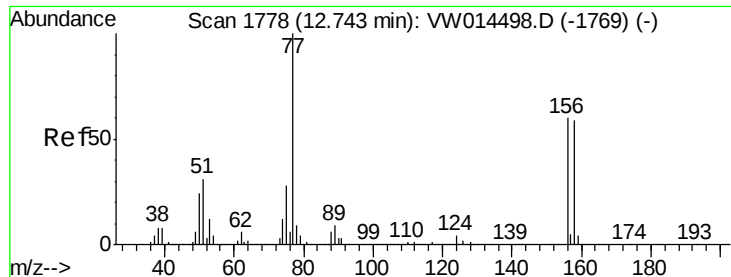
Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Tgt Ion:	75	Resp:	218936
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





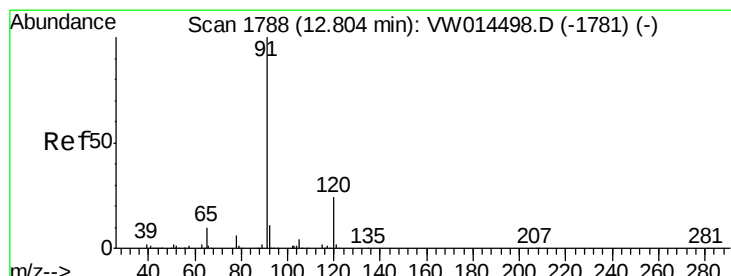
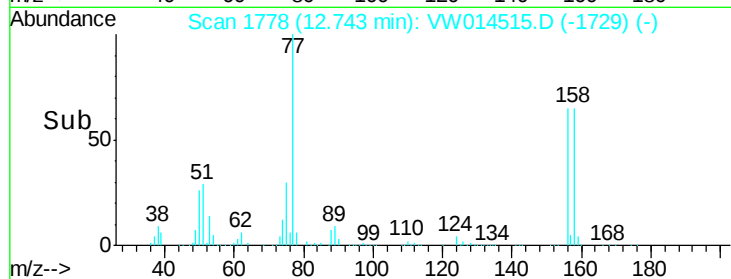
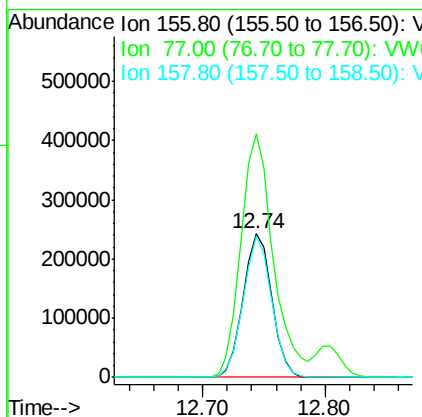
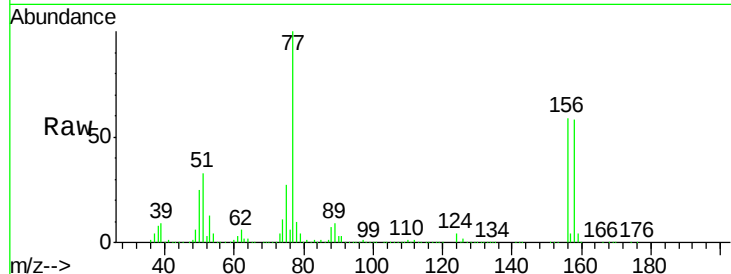
#77
Bromobenzene
Concen: 50.739 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	191.2	92.3	277.1	
158	97.1	48.6	145.9	

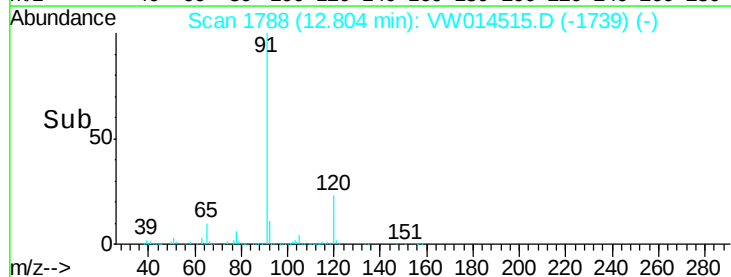
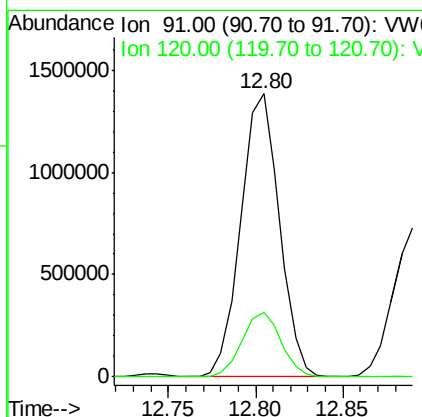
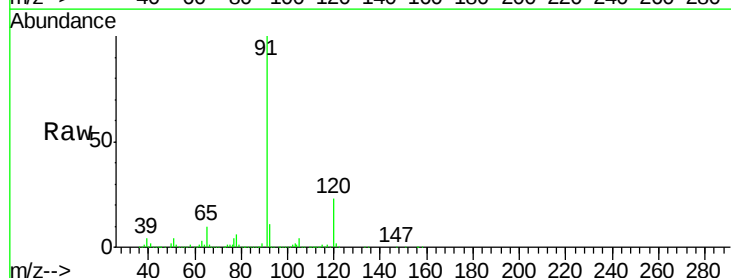
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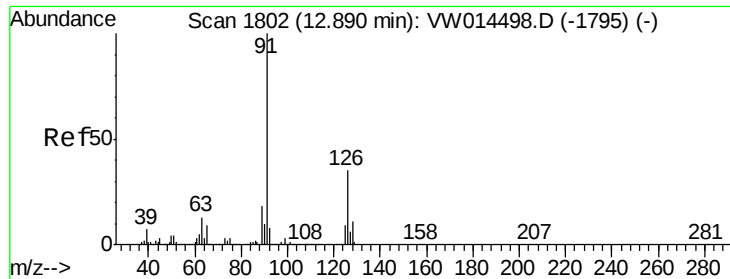
apatel
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#78
n-propylbenzene
Concen: 53.714 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.0	11.7	35.1	





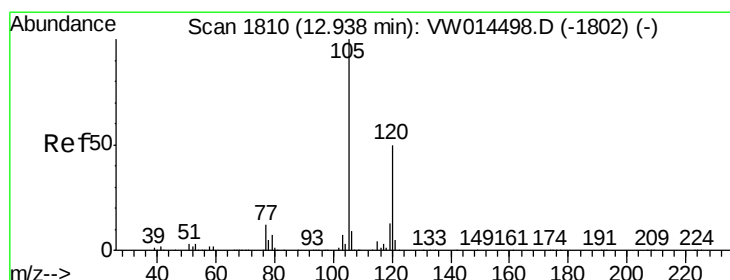
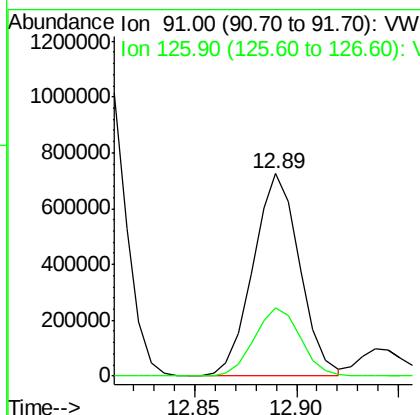
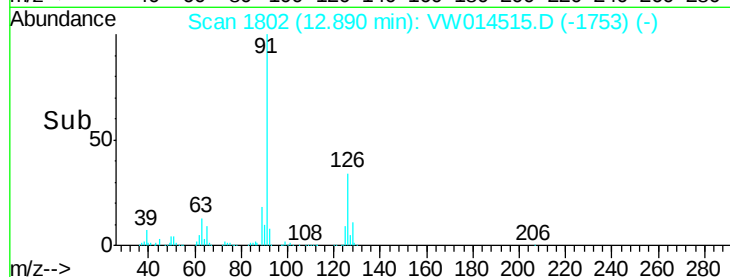
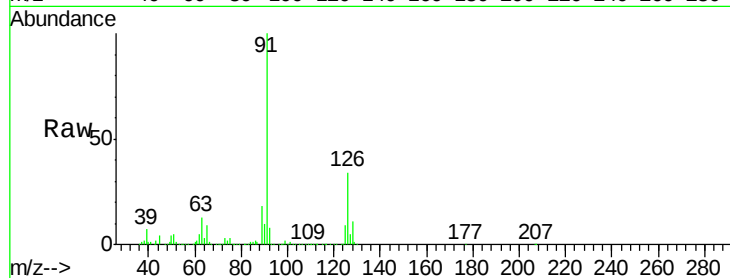
#79
 2-Chlorotoluene
 Concen: 51.065 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW014515.D
 Acq: 03 Jan 2020 22:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 1149252
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.1 51.2

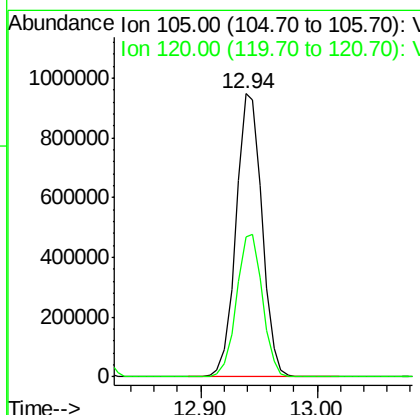
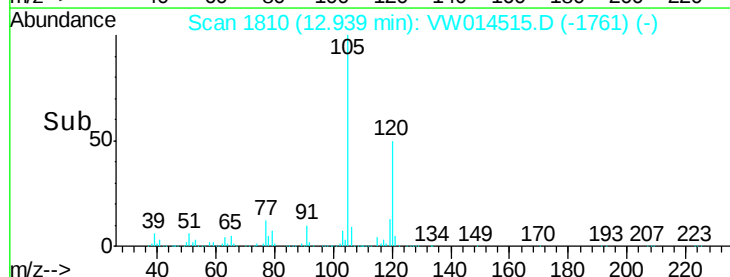
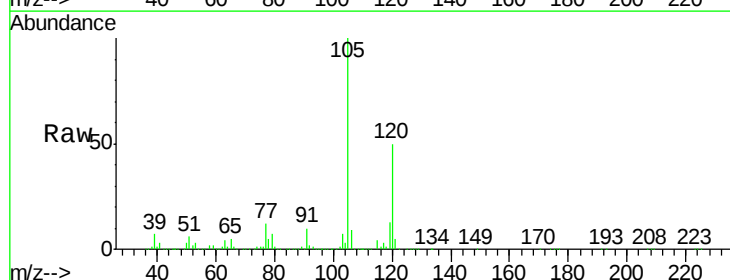
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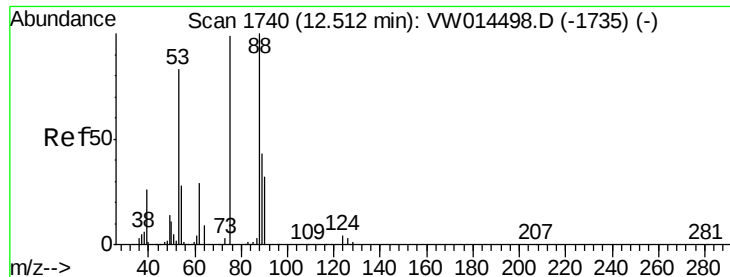
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.930 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW014515.D
 Acq: 03 Jan 2020 22:35

Tgt Ion: 105 Resp: 1466429
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 56.603 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Instrument :

MSVOA_W

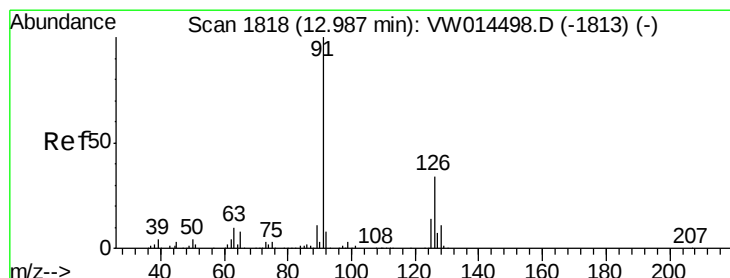
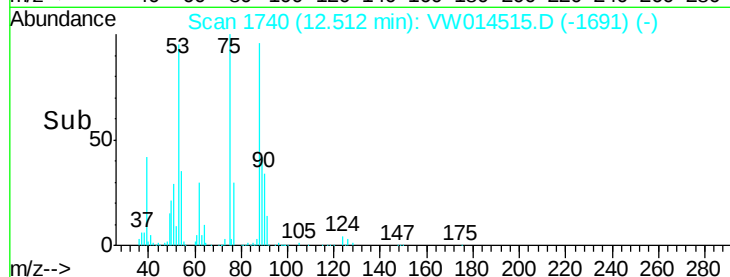
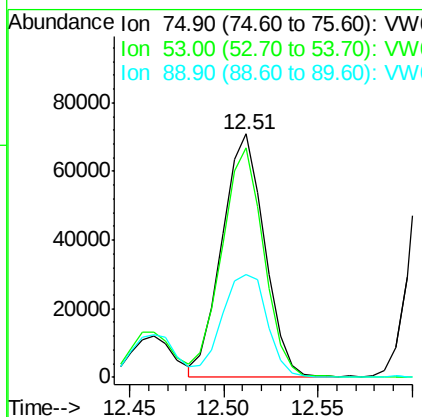
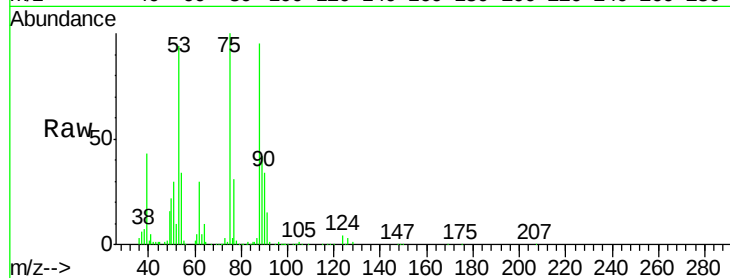
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	110097
Ion	Ratio	Lower	Upper
75	100		
53	93.6	70.9	106.3
89	45.7	35.8	53.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.134 ug/l

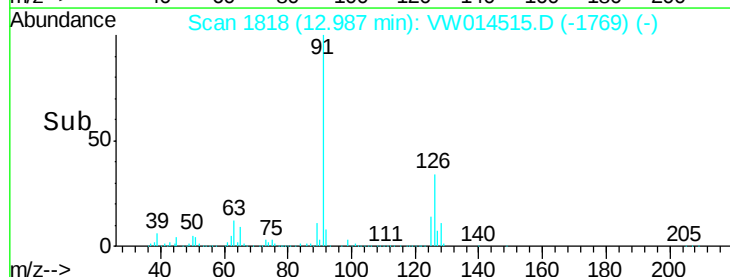
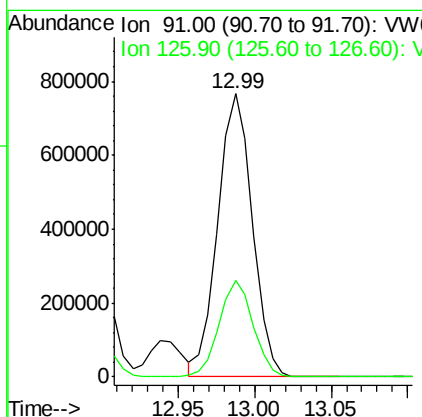
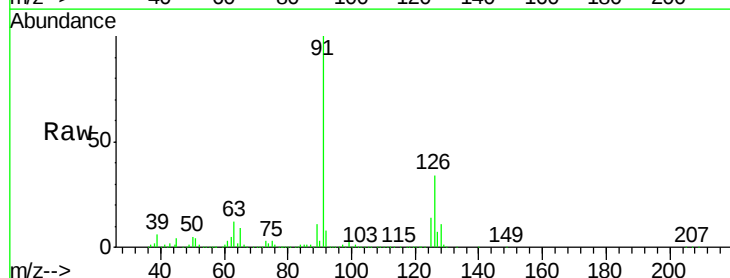
RT: 12.99 min Scan# 1818

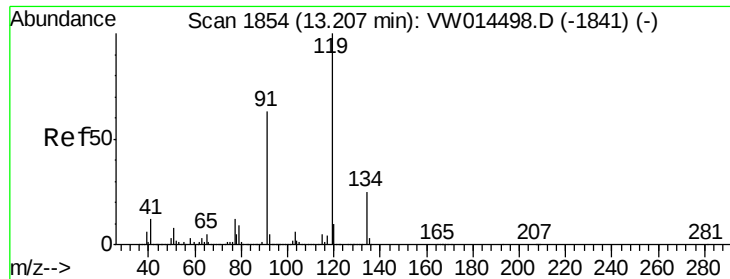
Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Tgt Ion:	91	Resp:	1195623
Ion	Ratio	Lower	Upper
91	100		
126	33.6	17.1	51.2





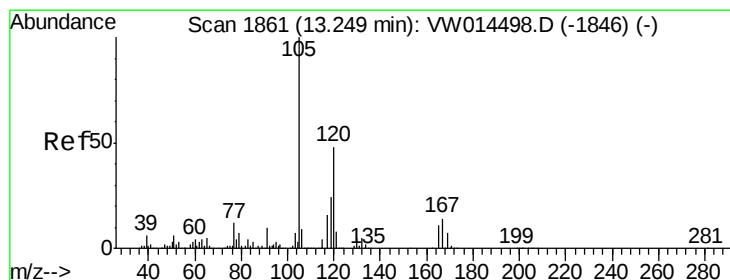
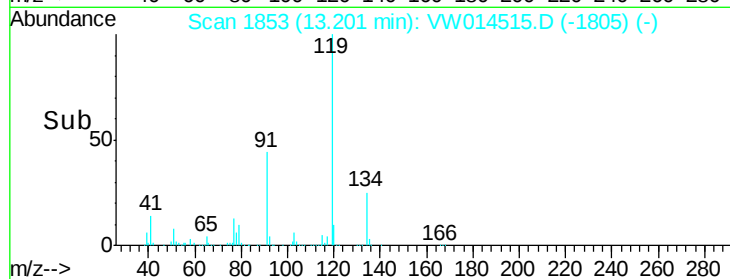
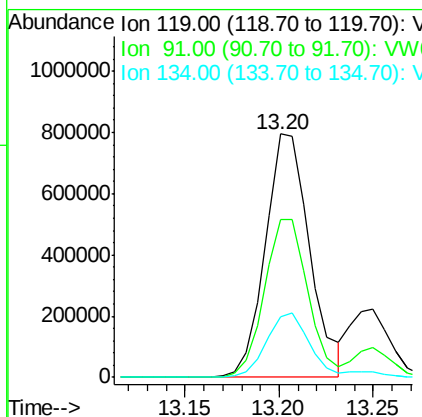
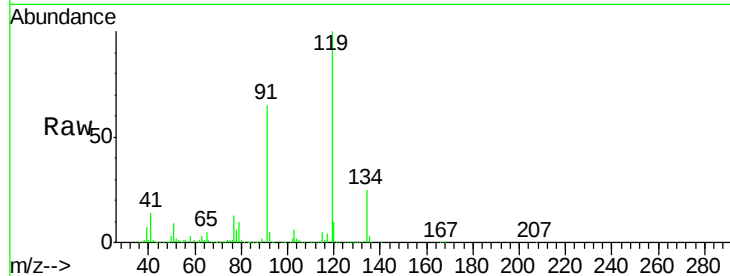
#83
tert-Butylbenzene
Concen: 52.617 ug/l
RT: 13.20 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.6	31.1	93.3
134	27.3	13.5	40.5

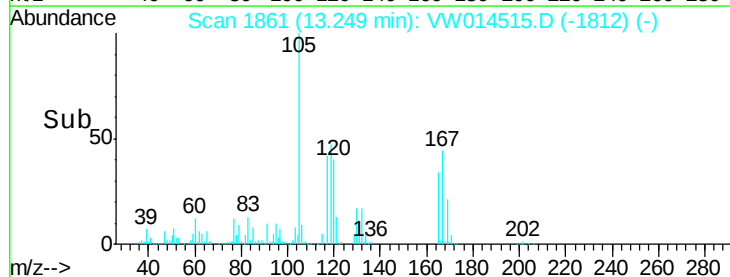
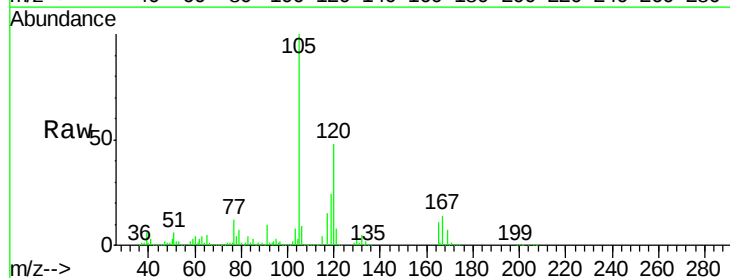
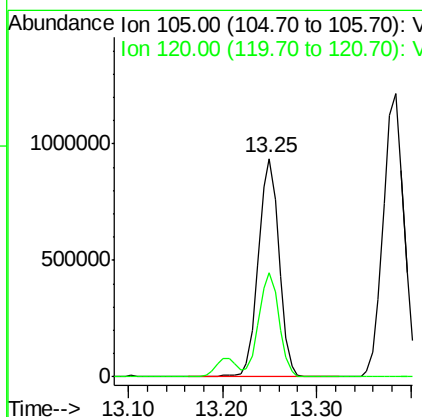
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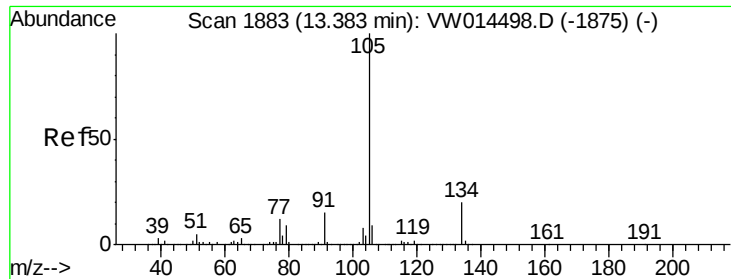
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#84
1,2,4-Trimethylbenzene
Concen: 51.455 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.4	70.0





#85

sec-Butylbenzene

Concen: 54.437 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1862947

Ion Ratio Lower Upper

105 100

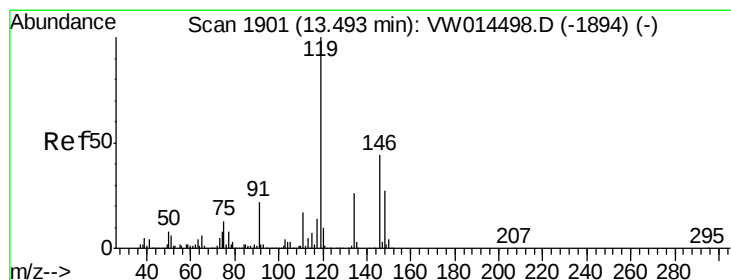
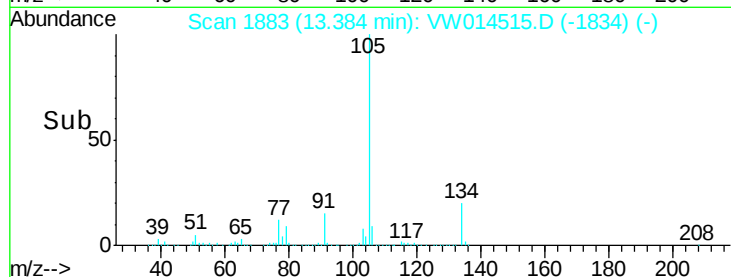
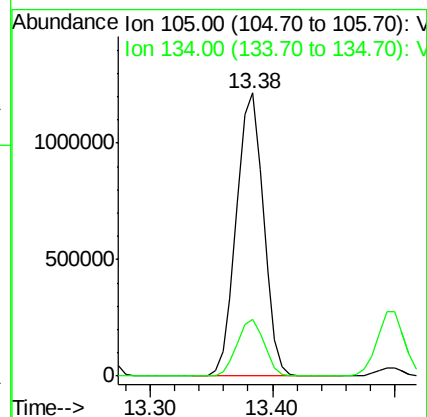
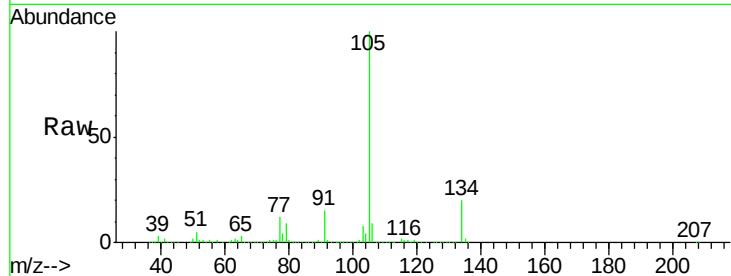
134 20.1 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 53.039 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

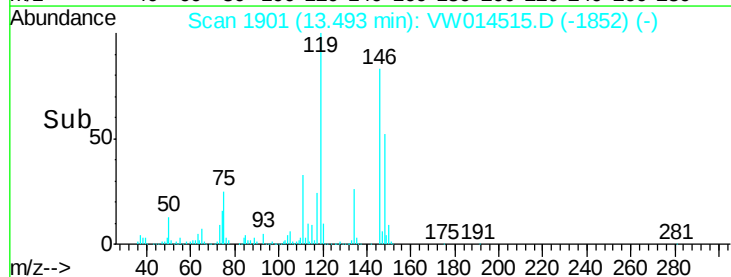
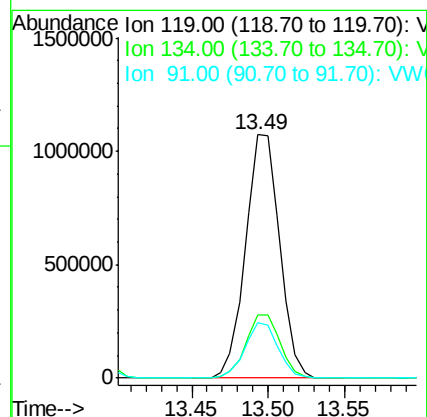
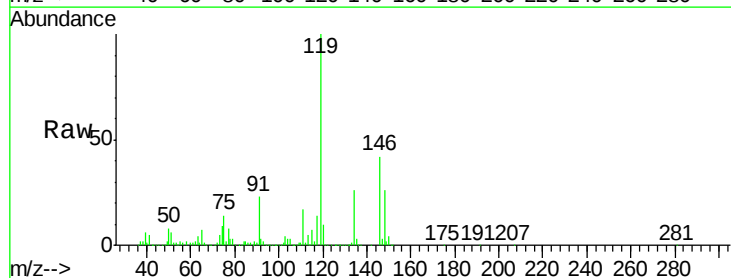
Tgt Ion:119 Resp: 1654434

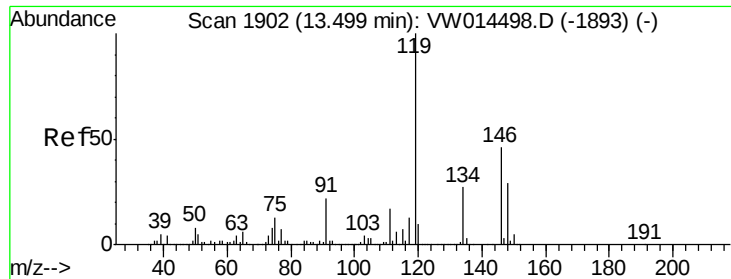
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

91 22.2 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 50.621 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

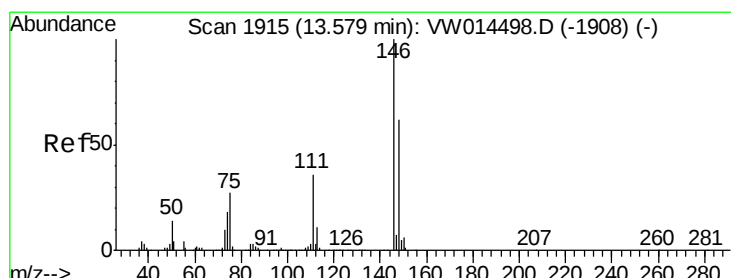
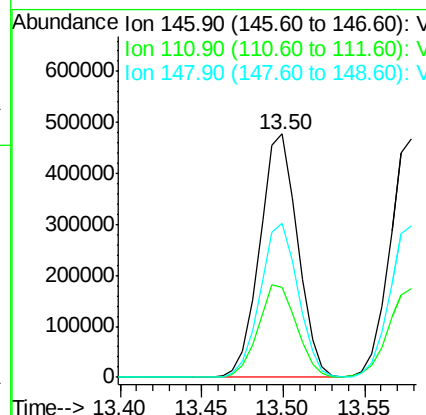
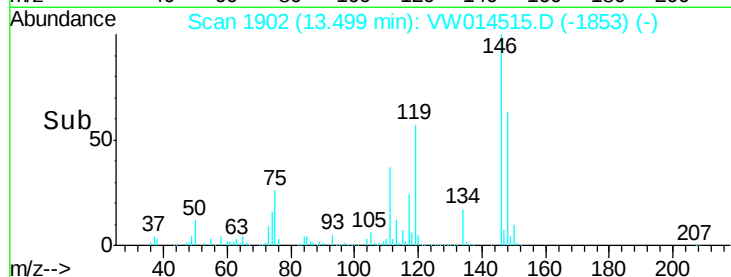
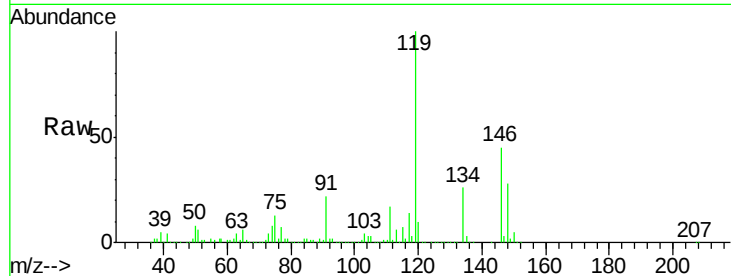
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.3	57.9
148	63.3	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 49.960 ug/l

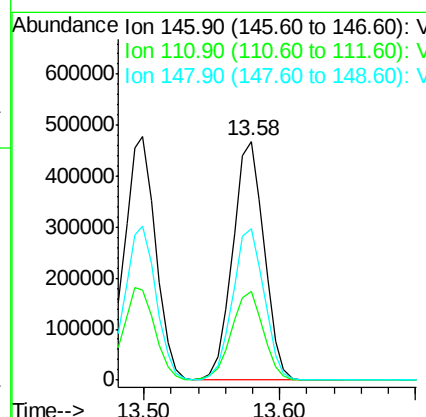
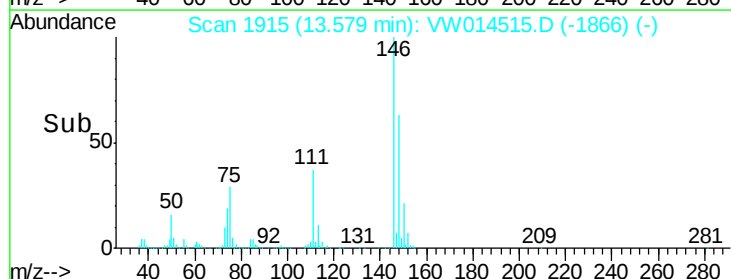
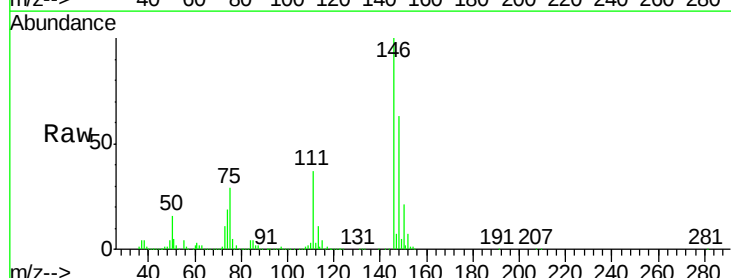
RT: 13.58 min Scan# 1915

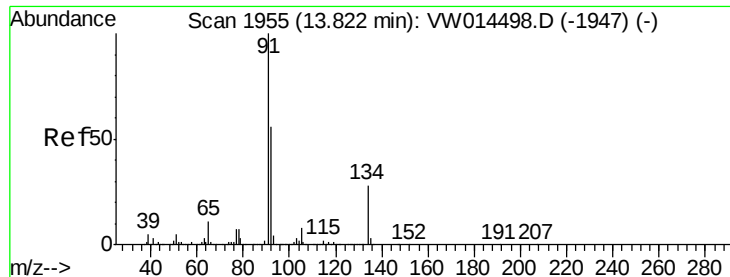
Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.7	56.1
148	64.1	31.7	95.1





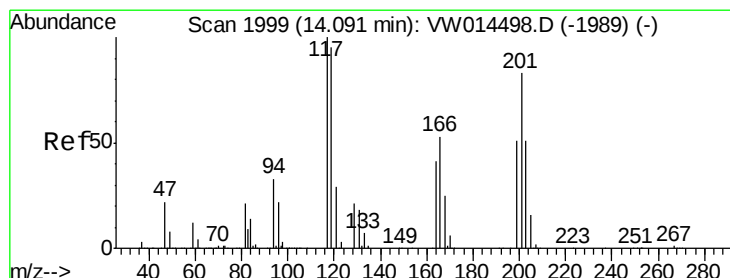
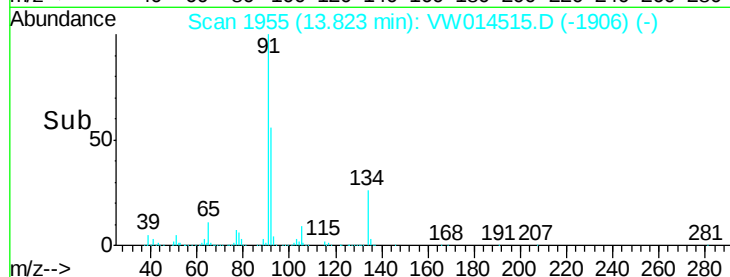
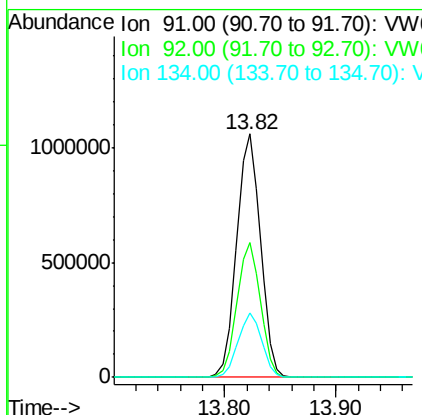
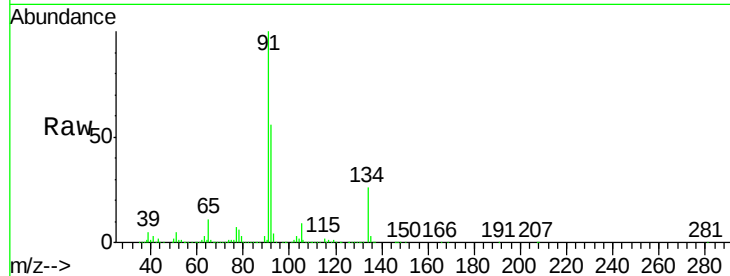
#89
n-Butylbenzene
Concen: 54.043 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1565458
Ion Ratio Lower Upper
91 100
92 54.8 27.5 82.5
134 26.1 13.7 41.1

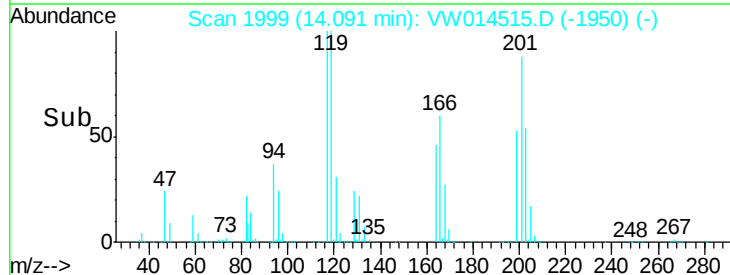
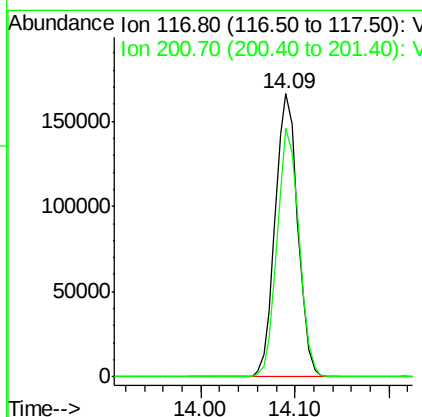
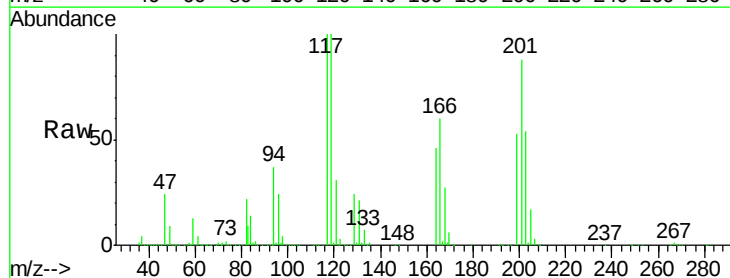
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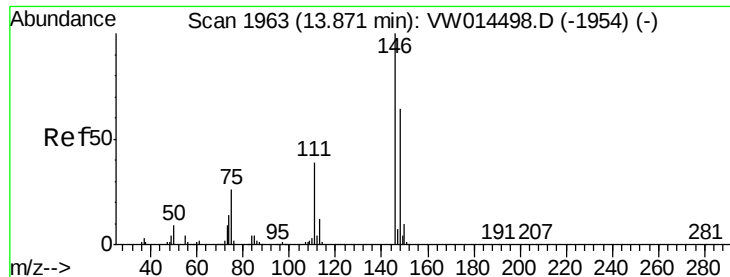
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#90
Hexachloroethane
Concen: 50.932 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Tgt Ion: 117 Resp: 277537
Ion Ratio Lower Upper
117 100
201 85.3 43.0 128.8





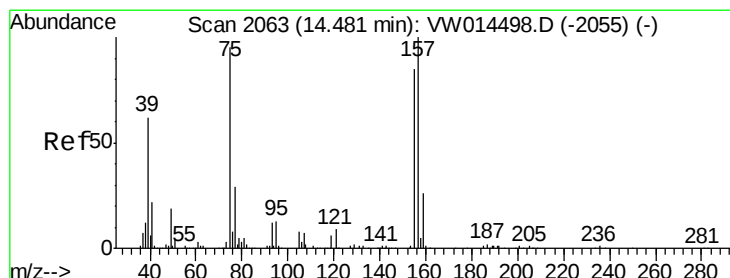
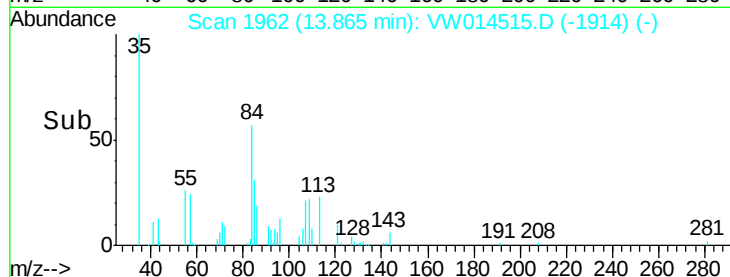
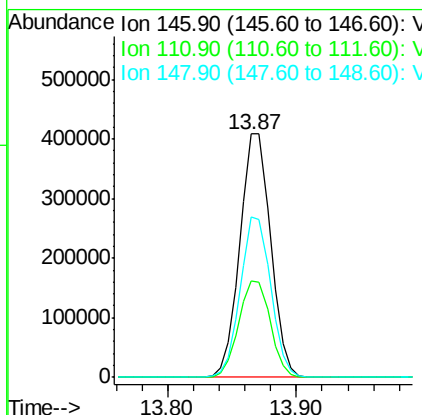
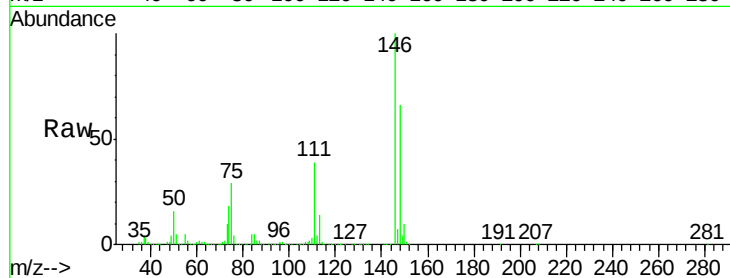
#91
 1,2-Dichlorobenzene
 Concen: 50.675 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014515.D
 Acq: 03 Jan 2020 22:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	676530		
111	40.6		20.4	61.3
148	65.0		32.3	96.8

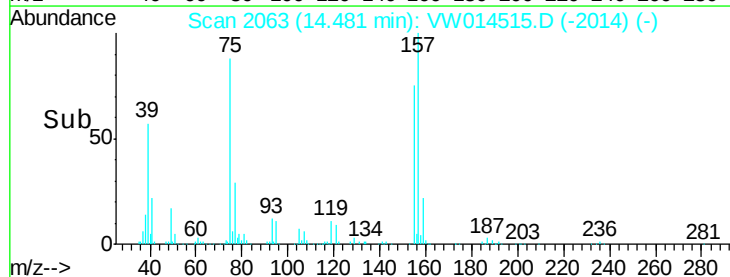
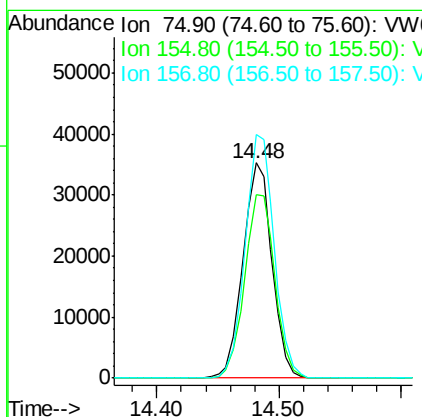
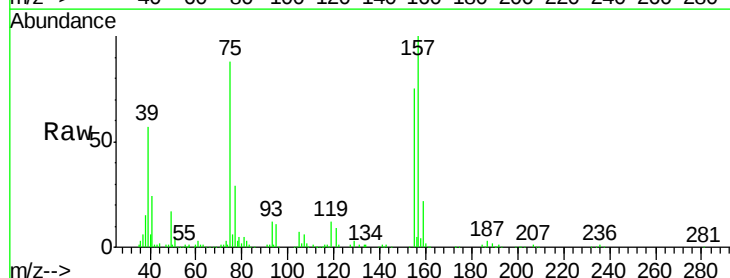
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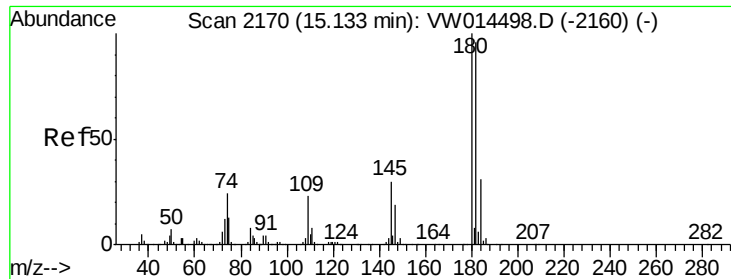
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.485 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW014515.D
 Acq: 03 Jan 2020 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	58144		
155	88.3		45.8	137.4
157	112.9		58.1	174.2





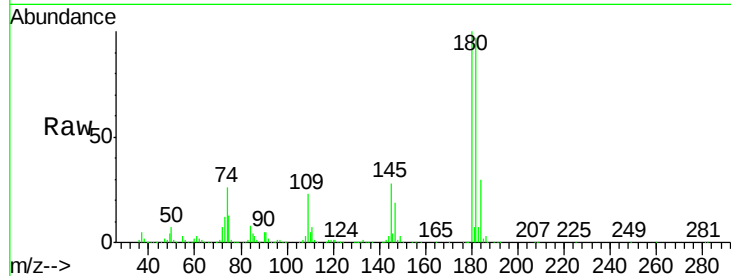
#93
1,2,4-Trichlorobenzene
Concen: 51.875 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

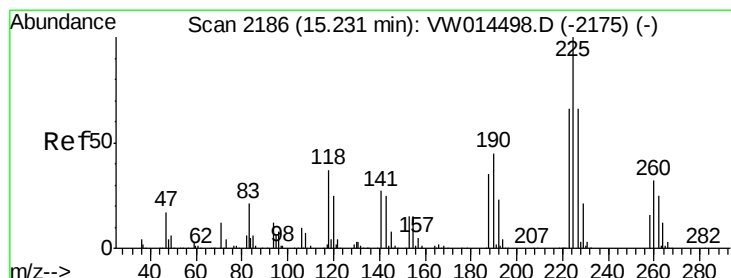
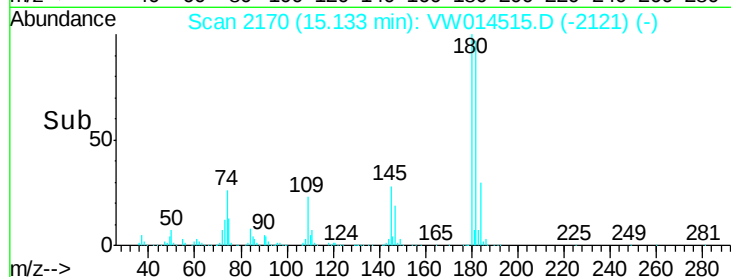
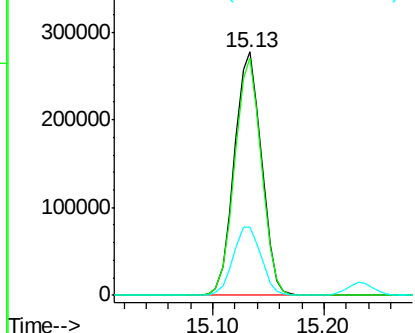
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	141.8
145	29.1	14.7	44.1

Manual Integrations
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apatel
1/6/2020 10:43:39 AM

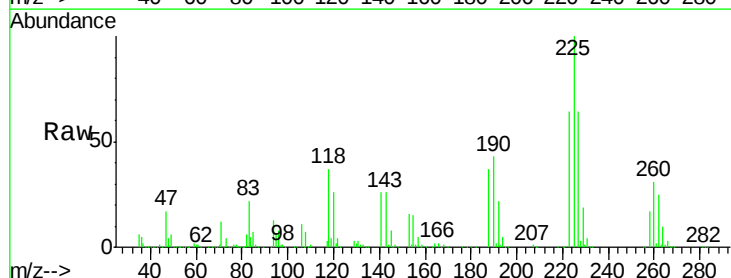


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

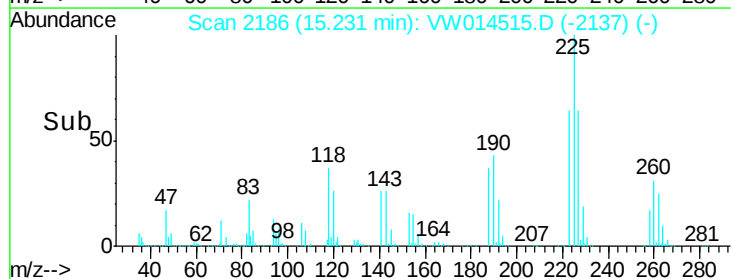
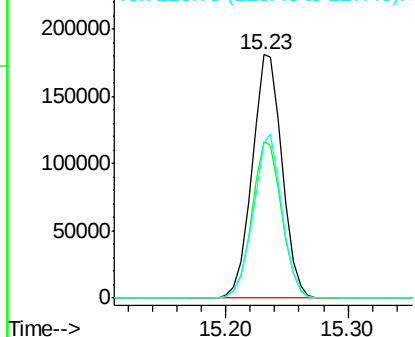


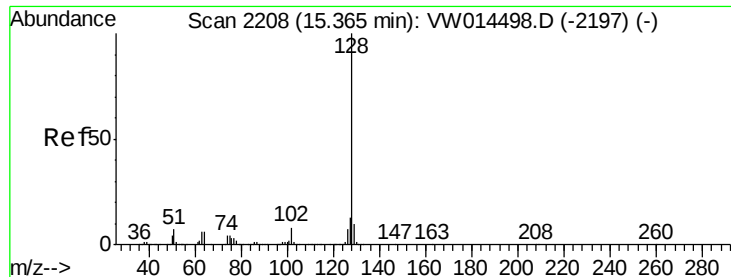
#94
Hexachlorobutadiene
Concen: 50.896 ug/l
RT: 15.23 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VW014515.D
Acq: 03 Jan 2020 22:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	32.4	97.2
227	64.5	32.6	97.8



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





#95

Naphthalene

Concen: 59.791 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Instrument :

MSVOA_W

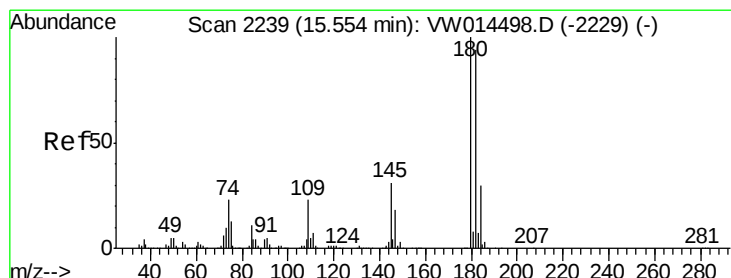
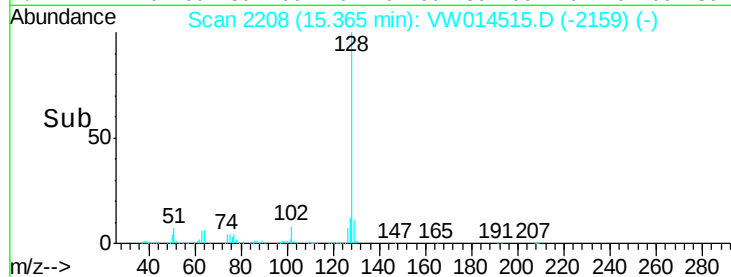
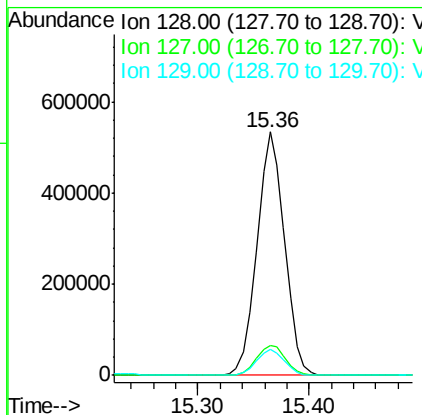
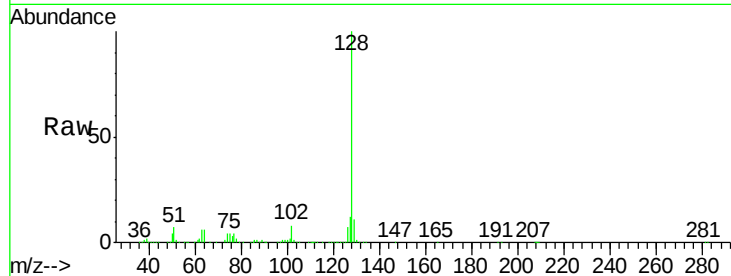
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	919320
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	15.8
129	10.7	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 53.414 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW014515.D

Acq: 03 Jan 2020 22:35

Tgt Ion:	180	Resp:	419751
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.4	142.2
145	30.2	15.5	46.5

