

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
 Data File : VW015333.D
 Acq On : 24 Apr 2020 10:37
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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Quant Time: Apr 25 06:54:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	249609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	177640	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	91995	45.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.14%	
35) Dibromofluoromethane	7.88	113	94476	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	10.32	98	378007	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	
62) 4-Bromofluorobenzene	12.62	95	146122	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	89016	45.160	ug/l	98
3) Chloromethane	2.21	50	93578	43.595	ug/l	99
4) Vinyl Chloride	2.36	62	113453	44.759	ug/l	99
5) Bromomethane	2.76	94	88894	49.324	ug/l	95
6) Chloroethane	2.92	64	67805	43.125	ug/l	97
7) Trichlorofluoromethane	3.26	101	167756	46.770	ug/l	97
8) Diethyl Ether	3.69	74	44523	44.223	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.06	101	102642	46.404	ug/l	91
10) Methyl Iodide	4.28	142	106514	45.847	ug/l	98
11) Tert butyl alcohol	5.17	59	34919	209.864	ug/l	99
12) 1,1-Dichloroethene	4.04	96	97823	45.947	ug/l	91
13) Acrolein	3.90	56	19942	228.988	ug/l	98
14) Allyl chloride	4.67	41	121920	43.167	ug/l #	84
15) Acrylonitrile	5.37	53	83067	216.808	ug/l	98
16) Acetone	4.13	43	87775	246.203	ug/l	97
17) Carbon Disulfide	4.38	76	274986	43.463	ug/l	99
18) Methyl Acetate	4.68	43	39216	41.556	ug/l	93
19) Methyl tert-butyl Ether	5.43	73	221398	45.300	ug/l	95
20) Methylene Chloride	4.92	84	100533	43.027	ug/l	90
21) trans-1,2-Dichloroethene	5.43	96	112209	46.471	ug/l	94
22) Diisopropyl ether	6.32	45	246682	45.527	ug/l	96
23) Vinyl Acetate	6.26	43	710138	223.342	ug/l #	94
24) 1,1-Dichloroethane	6.21	63	175067	46.620	ug/l	99
25) 2-Butanone	7.17	43	112441	237.719	ug/l #	86
26) 2,2-Dichloropropane	7.16	77	182168	46.112	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	123471	47.365	ug/l	98
28) Bromochloromethane	7.51	49	63259	46.333	ug/l #	71
29) Tetrahydrofuran	7.53	42	64905	220.251	ug/l	88
30) Chloroform	7.68	83	192455	47.486	ug/l	98
31) Cyclohexane	7.95	56	159237	42.186	ug/l	88
32) 1,1,1-Trichloroethane	7.87	97	185589	47.446	ug/l	99
36) 1,1-Dichloropropene	8.08	75	152301	48.458	ug/l	98
37) Ethyl Acetate	7.26	43	46108	45.204	ug/l	98
38) Carbon Tetrachloride	8.07	117	168774	49.140	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	191538	45.788	ug/l	94
40) Benzene	8.32	78	401314	47.801	ug/l	97
41) Methacrylonitrile	7.49	41	30357	49.602	ug/l	98
42) 1,2-Dichloroethane	8.40	62	118331	47.878	ug/l	99
43) Isopropyl Acetate	8.42	43	96230	44.982	ug/l	94
44) Trichloroethene	9.09	130	130090	50.658	ug/l	95
45) 1,2-Dichloropropane	9.37	63	93542	47.912	ug/l	98
46) Dibromomethane	9.46	93	54518	48.273	ug/l #	88
47) Bromodichloromethane	9.65	83	145907	48.328	ug/l	99
48) Methyl methacrylate	9.43	41	43028	42.547	ug/l #	80
49) 1,4-Dioxane	9.45	88	15839	1052.011	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	227452	226.490	ug/l	97
52) Toluene	10.38	92	285432	48.578	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	140639	47.243	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	166748	48.190	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	75959	48.032	ug/l	99
56) Ethyl methacrylate	10.65	69	92749	45.526	ug/l	93
57) 1,3-Dichloropropane	10.93	76	125914	48.066	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	230073	243.588	ug/l #	89
59) 2-Hexanone	10.96	43	171485	239.214	ug/l	97
60) Dibromochloromethane	11.13	129	103717	49.672	ug/l	100
61) 1,2-Dibromoethane	11.23	107	73091	47.366	ug/l	97
64) Tetrachloroethene	10.86	164	116434	50.106	ug/l	93
65) Chlorobenzene	11.66	112	311952	48.827	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	115011	50.086	ug/l	98
67) Ethyl Benzene	11.73	91	578420	48.547	ug/l	100
68) m/p-Xylenes	11.83	106	460620	98.629	ug/l	99
69) o-Xylene	12.16	106	214753	49.265	ug/l	99
70) Styrene	12.18	104	366714	49.352	ug/l	99
71) Bromoform	12.35	173	63359	48.969	ug/l	98
73) Isopropylbenzene	12.46	105	600741	48.775	ug/l	100
74) N-amyl acetate	12.27	43	94874	44.277	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	79287	45.340	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	61721m	44.913	ug/l	
77) Bromobenzene	12.74	156	141698	50.075	ug/l	81
78) n-propylbenzene	12.80	91	687089	47.913	ug/l	95
79) 2-Chlorotoluene	12.89	91	394407	48.803	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	515686	48.605	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	28075	44.659	ug/l	94
82) 4-Chlorotoluene	12.99	91	415962	48.477	ug/l	97
83) tert-Butylbenzene	13.21	119	456111	49.187	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	513789	49.098	ug/l	100
85) sec-Butylbenzene	13.38	105	615975	48.098	ug/l	97
86) p-Isopropyltoluene	13.50	119	581113	48.833	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	278553	49.543	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	276997	50.259	ug/l	97
89) n-Butylbenzene	13.82	91	515928	47.434	ug/l	97
90) Hexachloroethane	14.09	117	105075	48.148	ug/l	73
91) 1,2-Dichlorobenzene	13.87	146	246723	50.498	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	14451	45.664	ug/l	85

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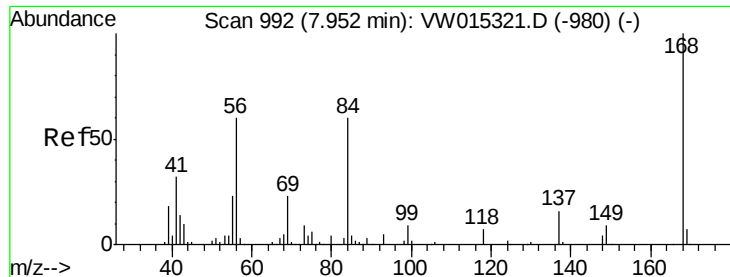
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	164968	48.577	ug/l	96
94) Hexachlorobutadiene	15.23	225	109954	48.564	ug/l	95
95) Naphthalene	15.36	128	266100	48.711	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	139430	50.462	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 249609

Ion Ratio Lower Upper

168 100

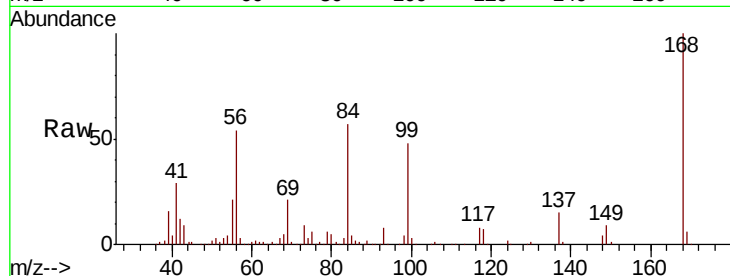
99 47.8 48.5 72.7#

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

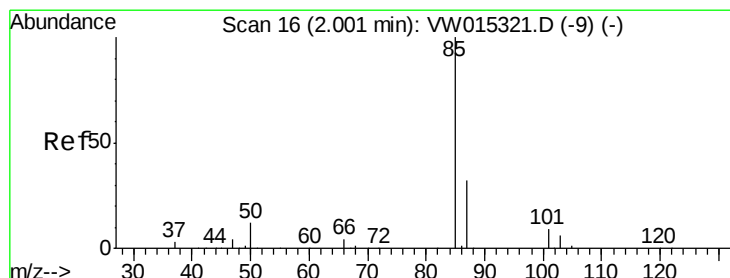
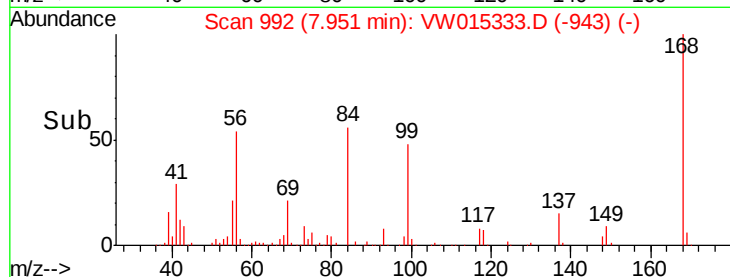
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.160 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015333.D

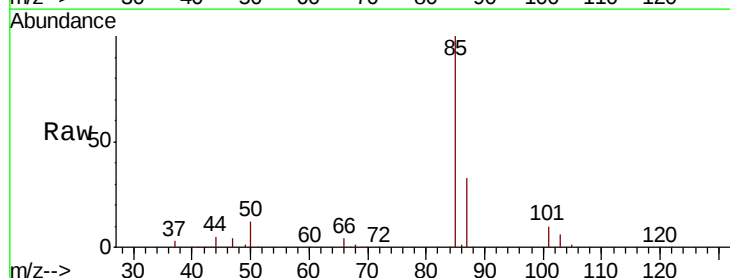
Acq: 24 Apr 2020 10:37

Tgt Ion: 85 Resp: 89016

Ion Ratio Lower Upper

85 100

87 33.1 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

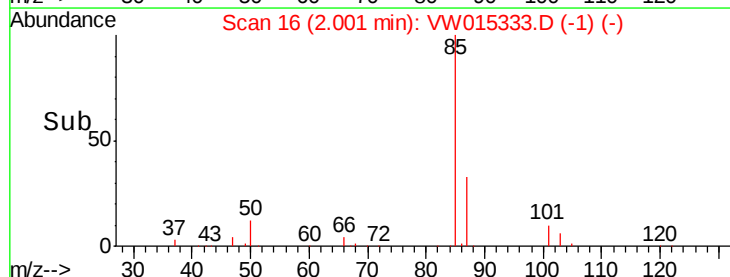
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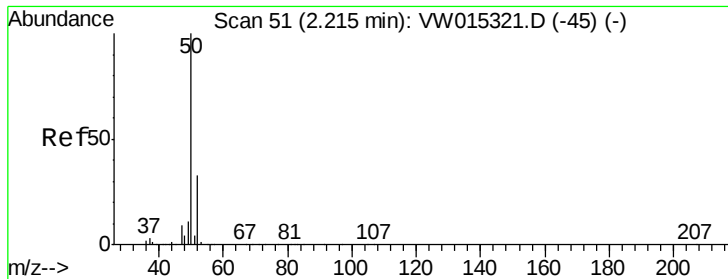
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20000

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Time-->





#3

Chloromethane

Concen: 43.595 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 93578

Ion Ratio Lower Upper

50 100

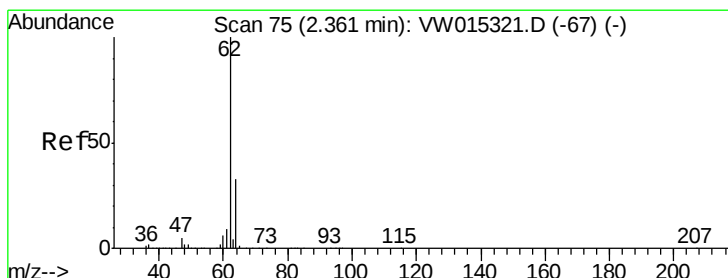
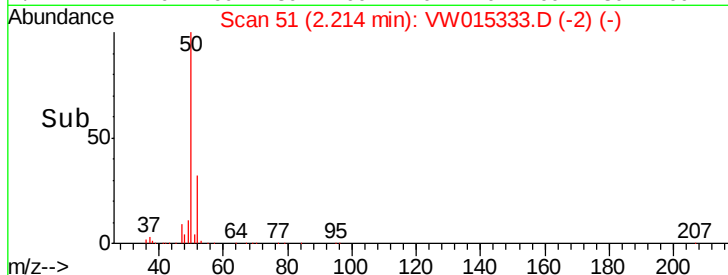
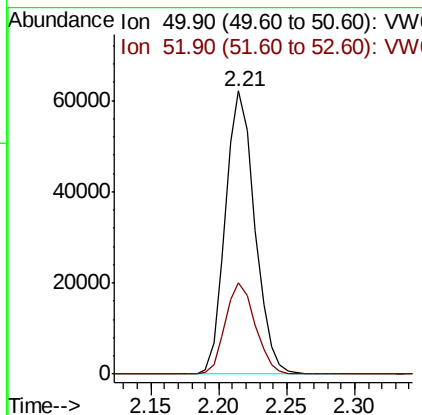
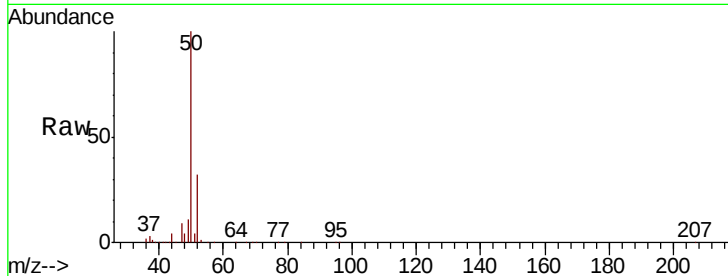
52 32.5 26.5 39.7

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#4

Vinyl Chloride

Concen: 44.759 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW015333.D

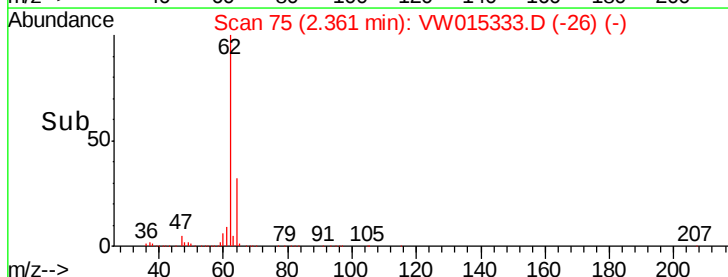
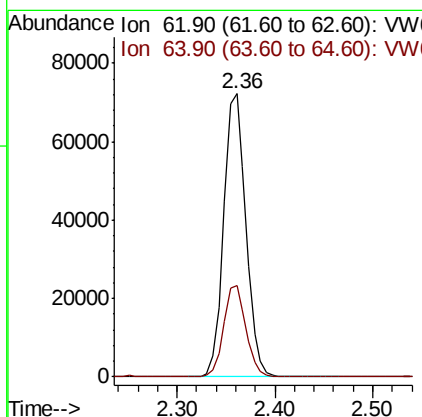
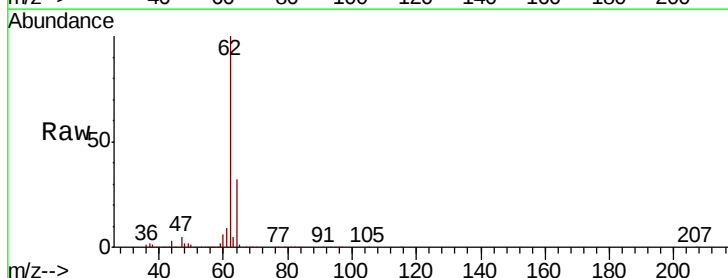
Acq: 24 Apr 2020 10:37

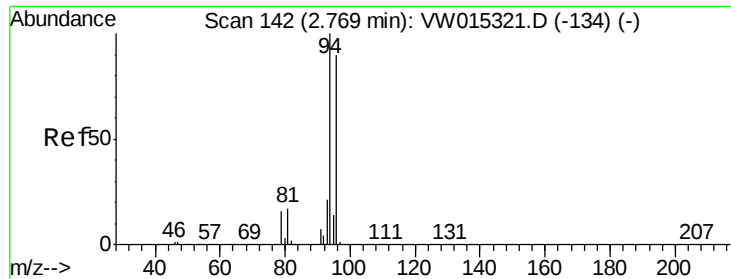
Tgt Ion: 62 Resp: 113453

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.2





#5

Bromomethane

Concen: 49.324 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 88894

Ion Ratio Lower Upper

94 100

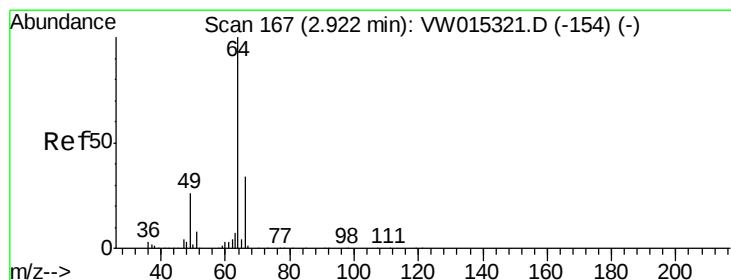
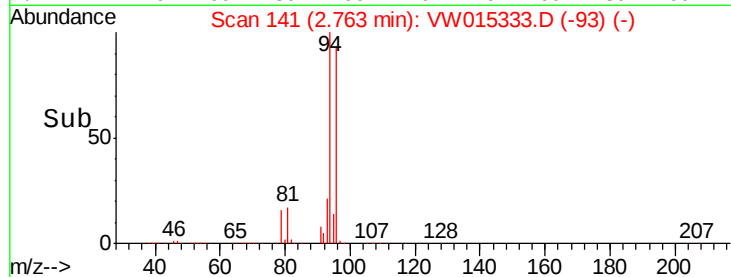
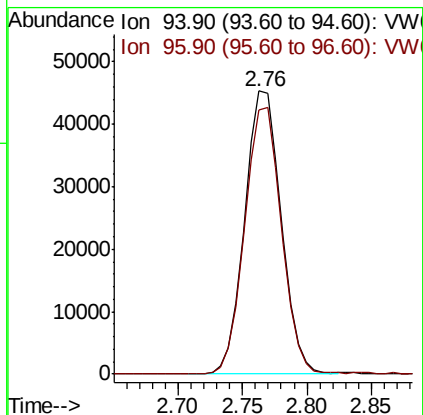
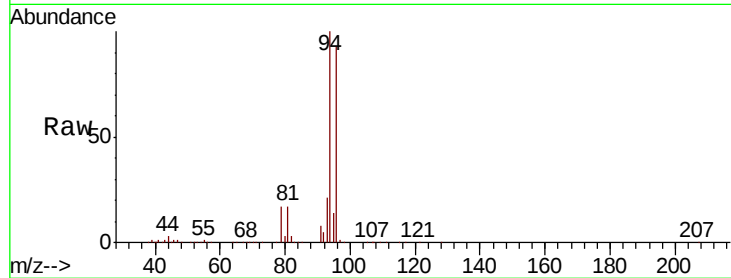
96 93.0 70.4 105.6

Manual Integrations

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#6

Chloroethane

Concen: 43.125 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW015333.D

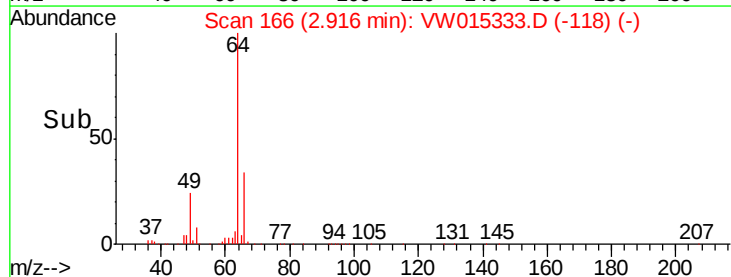
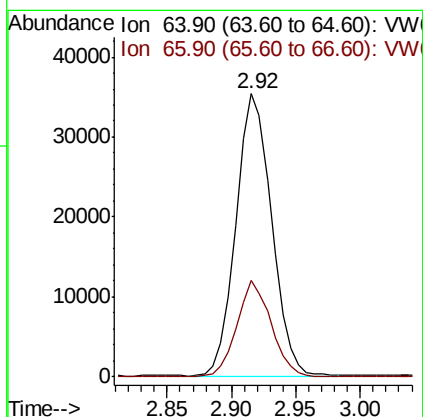
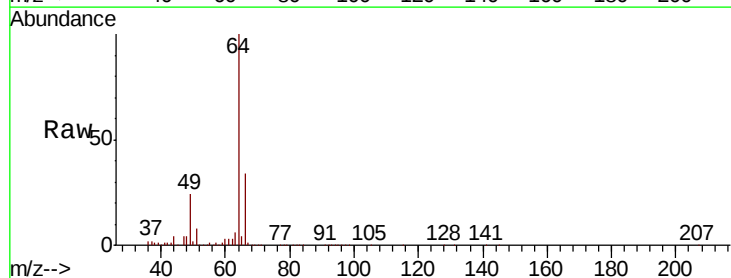
Acq: 24 Apr 2020 10:37

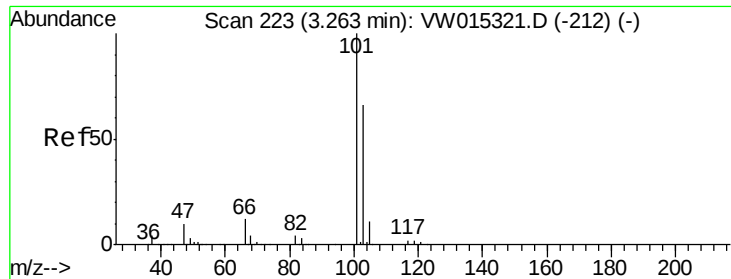
Tgt Ion: 64 Resp: 67805

Ion Ratio Lower Upper

64 100

66 34.1 25.8 38.6





#7

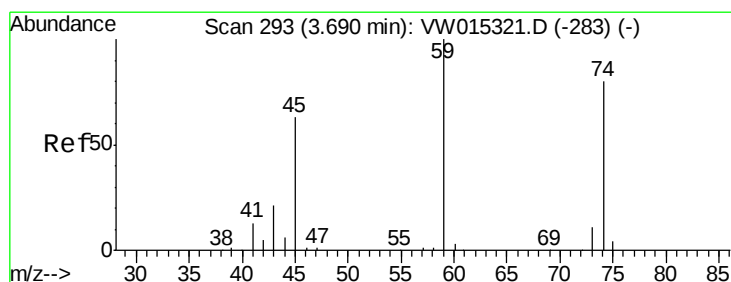
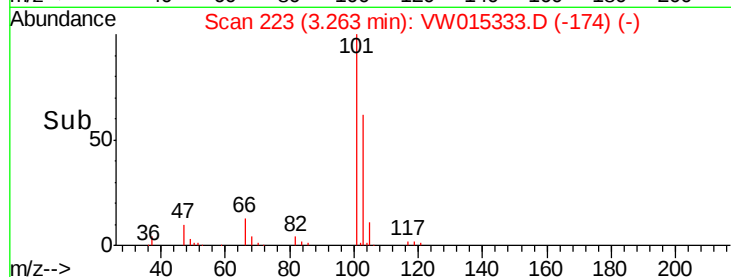
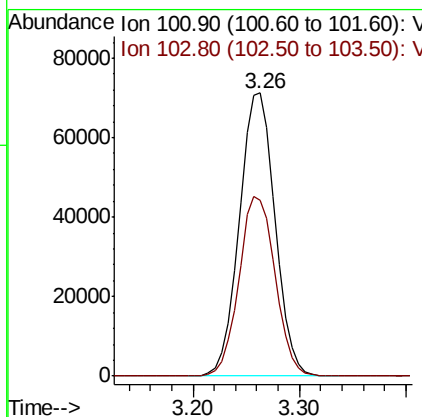
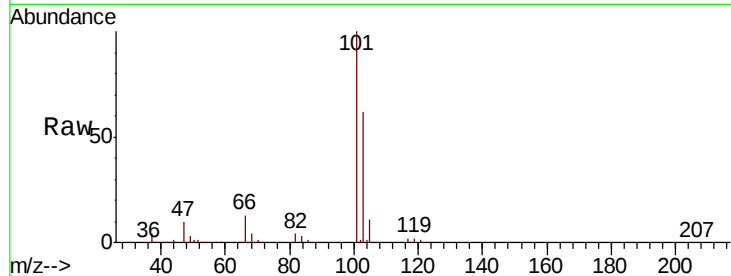
Trichlorofluoromethane
 Concen: 46.770 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.1	51.3	76.9

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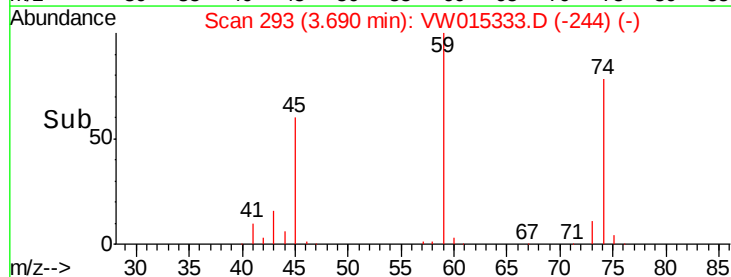
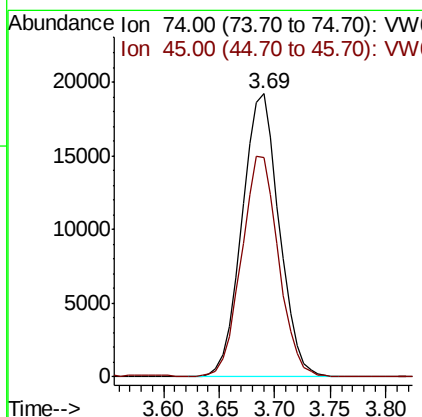
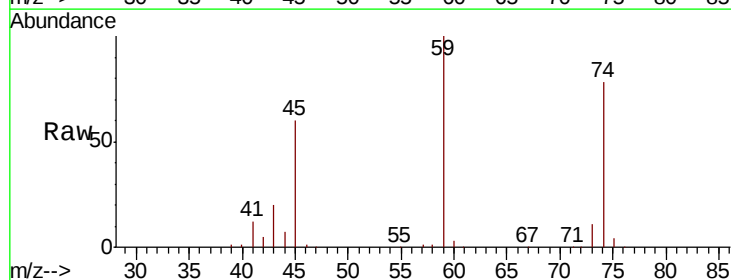
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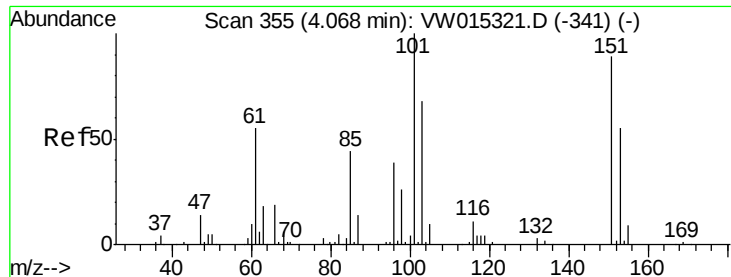


#8

Diethyl Ether
 Concen: 44.223 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	78.0	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.404 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

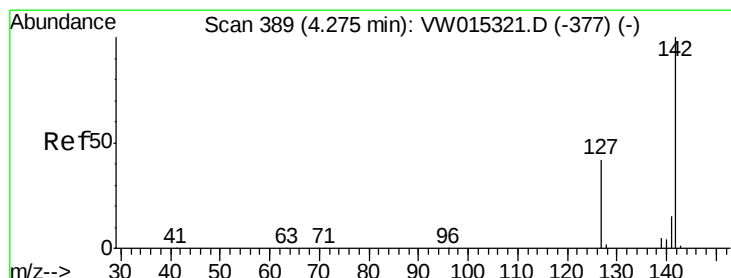
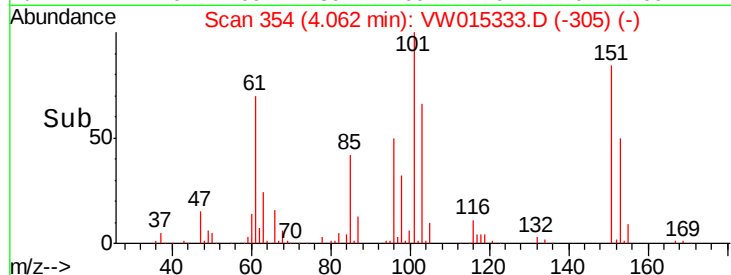
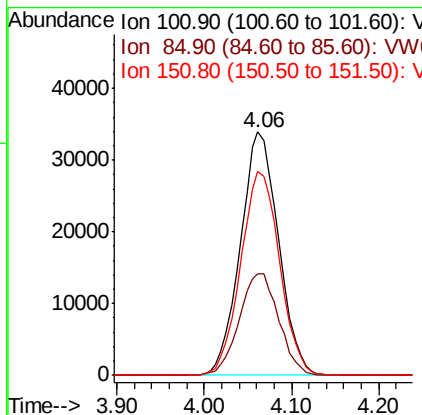
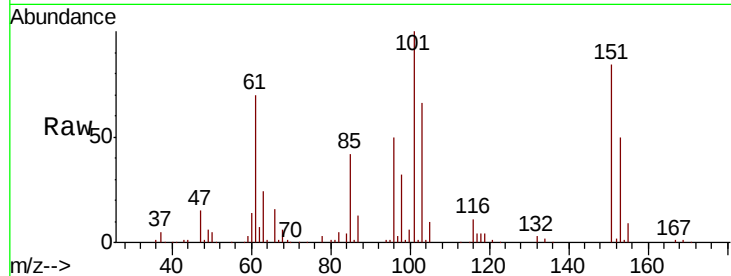
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	102642
Ion Ratio	Lower	Upper	
101	100		
85	43.4	35.3	52.9
151	85.5	59.3	88.9

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#10

Methyl Iodide

Concen: 45.847 ug/l

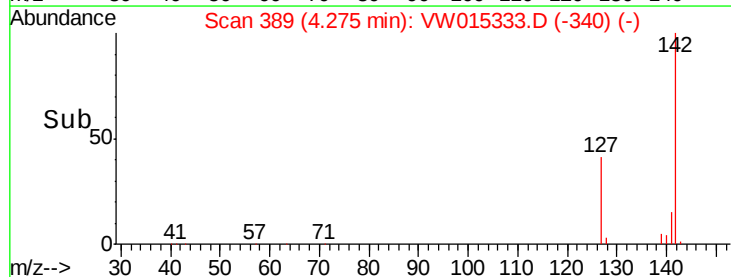
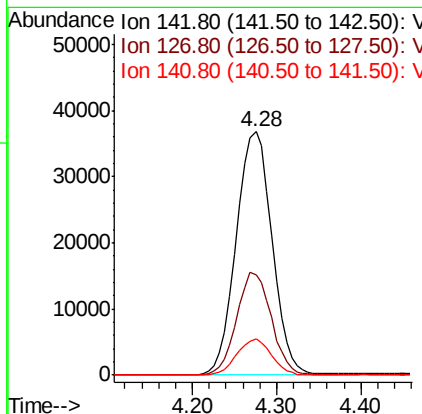
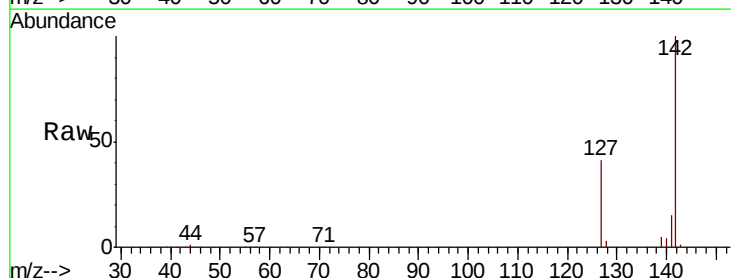
RT: 4.28 min Scan# 389

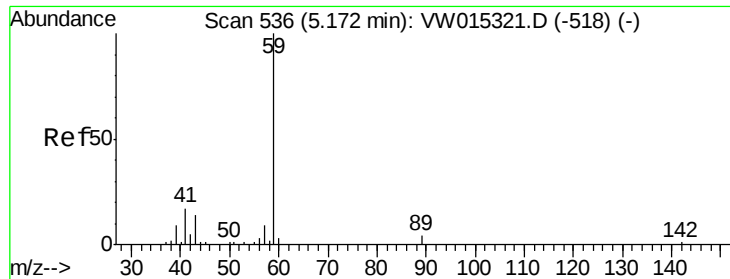
Delta R.T. 0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Tgt Ion:	142	Resp:	106514
Ion Ratio	Lower	Upper	
142	100		
127	40.6	33.9	50.9
141	14.4	11.4	17.2





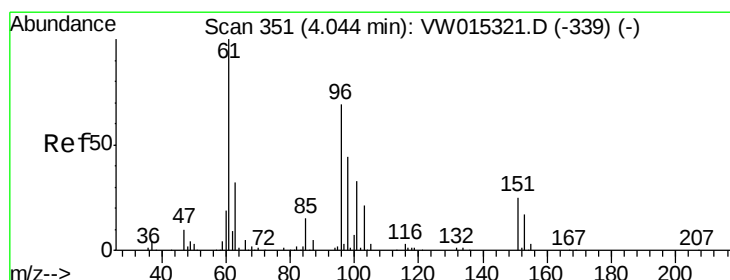
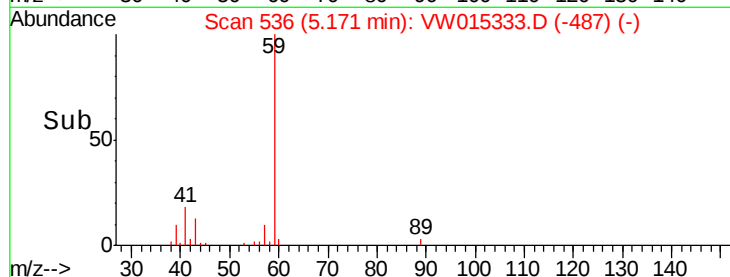
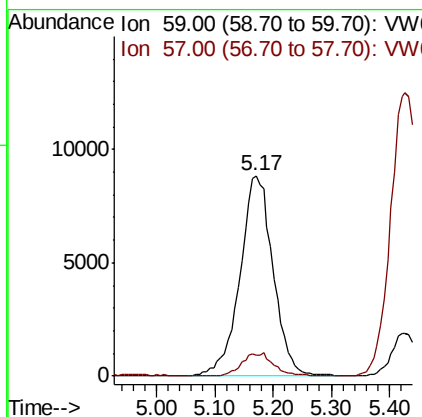
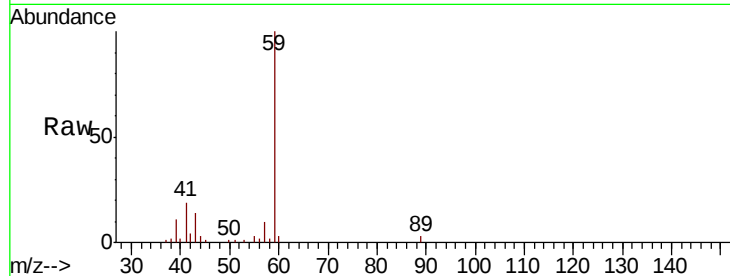
#11
Tert butyl alcohol
Concen: 209.864 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	59	Resp	34919
Ion Ratio	100	Lower	Upper
57	10.9	8.4	12.6

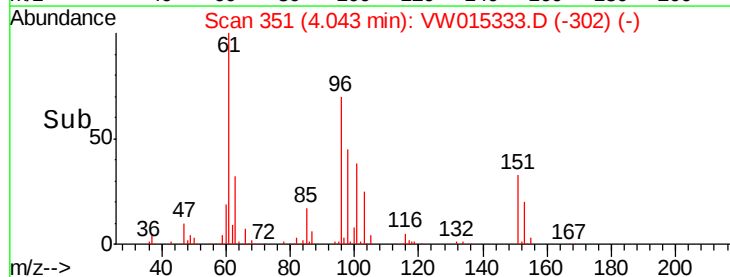
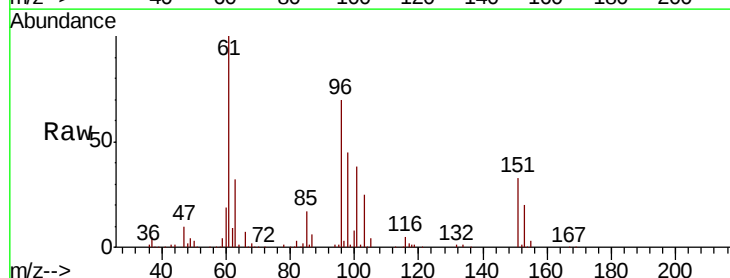
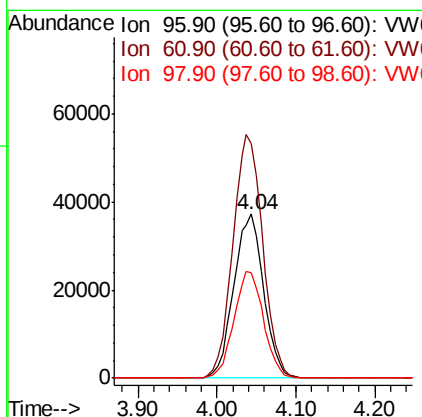
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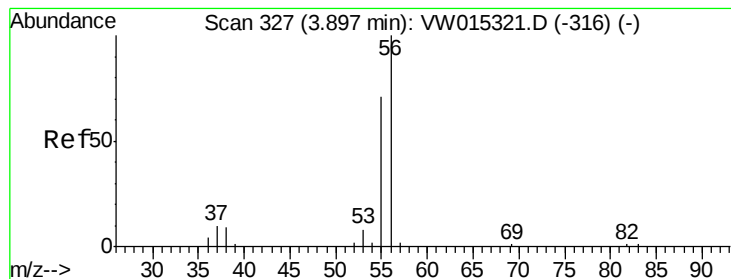
apatel
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#12
1,1-Dichloroethene
Concen: 45.947 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion	96	Resp	97823
Ion Ratio	100	Lower	Upper
61	143.2	127.0	190.4
98	64.1	51.0	76.4





#13

Acrolein

Concen: 228.988 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 19942

Ion Ratio Lower Upper

56 100

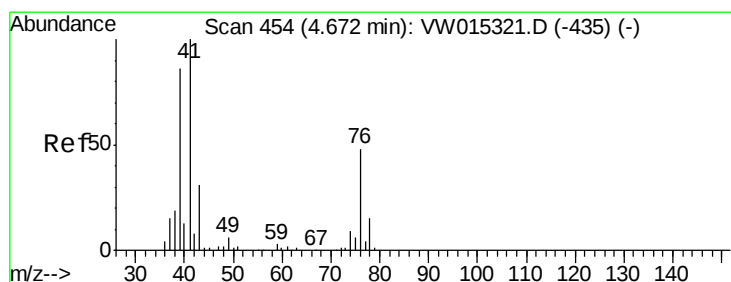
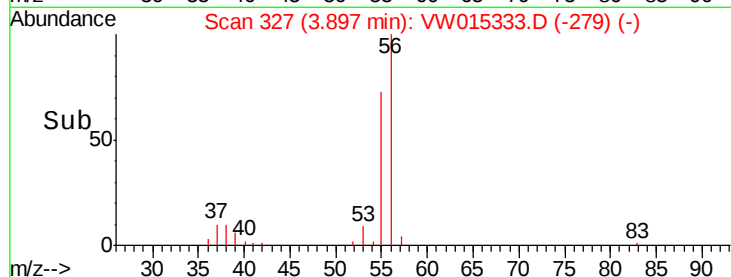
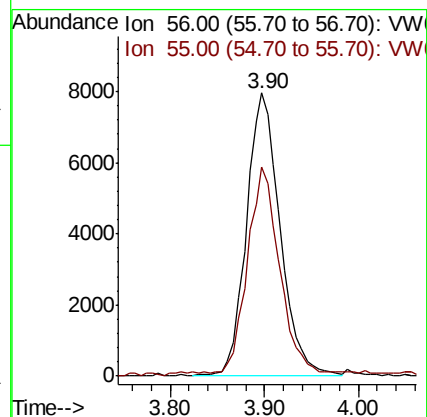
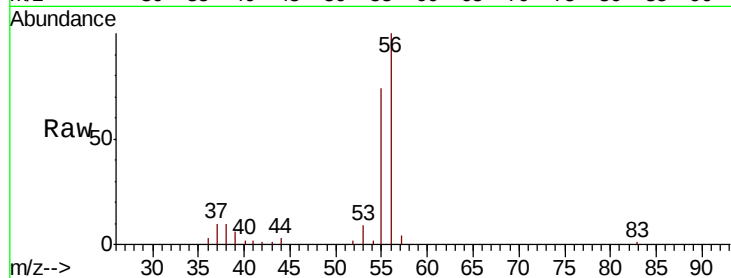
55 68.9 56.2 84.2

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#14

Allyl chloride

Concen: 43.167 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

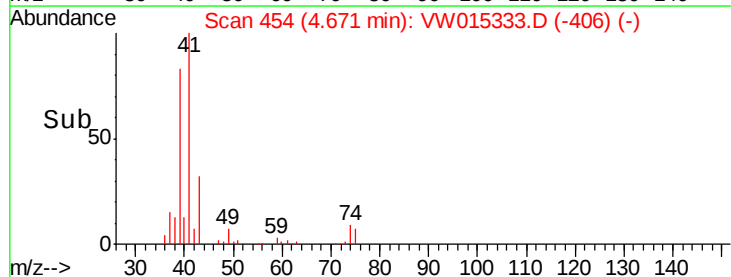
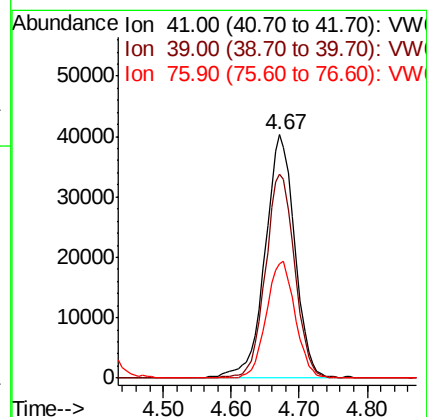
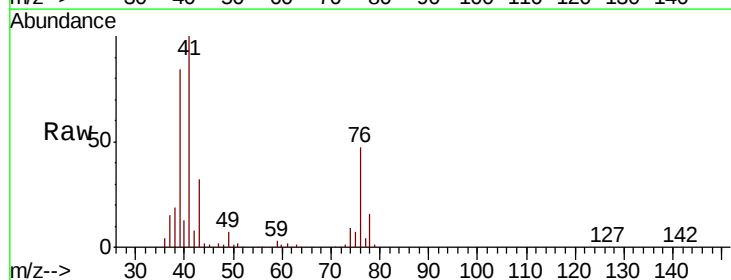
Tgt Ion: 41 Resp: 121920

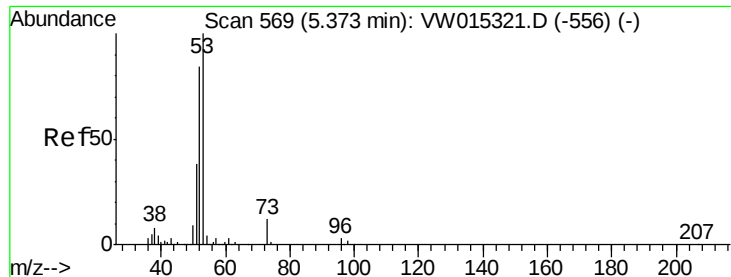
Ion Ratio Lower Upper

41 100

39 83.1 54.0 81.0#

76 46.7 31.8 47.6





#15

Acrylonitrile

Concen: 216.808 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

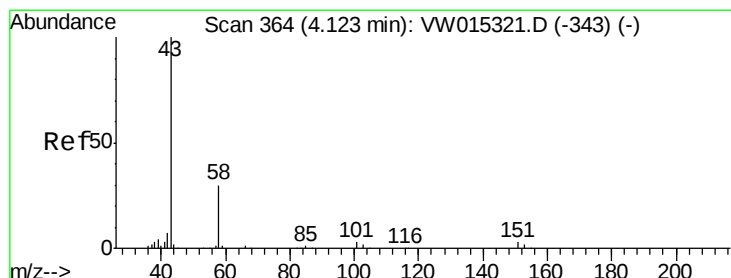
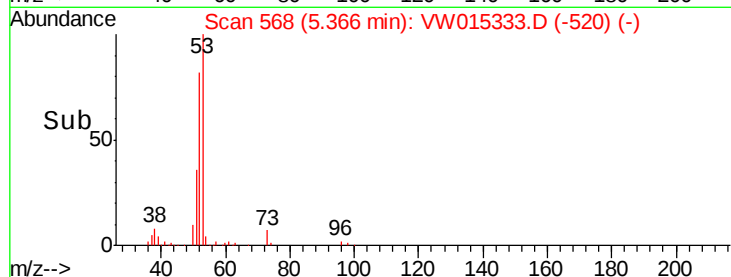
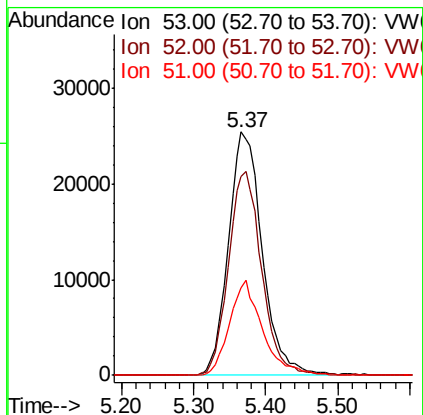
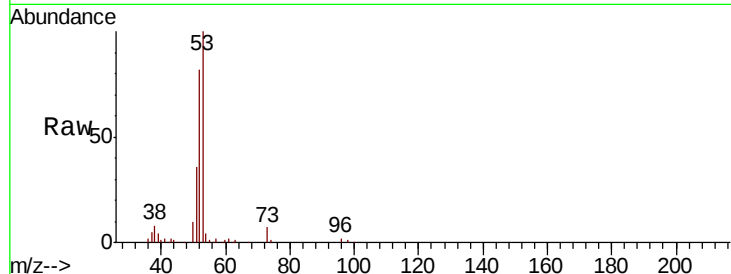
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	83067
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.2	97.8
51	38.0	28.2	42.4

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#16

Acetone

Concen: 246.203 ug/l

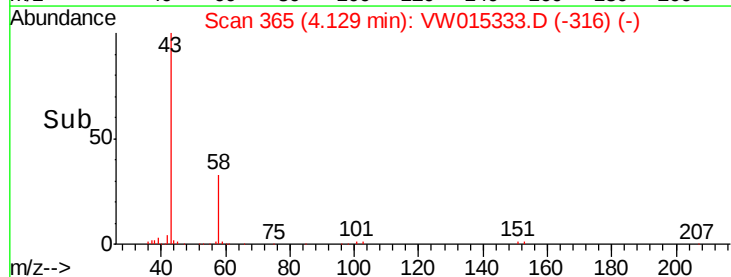
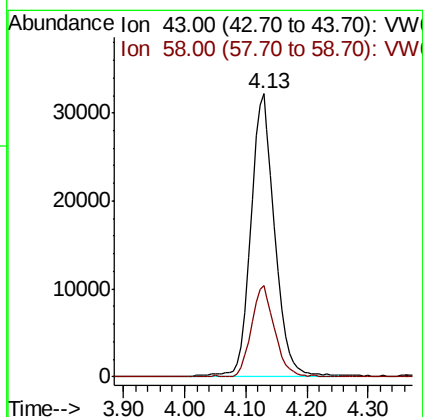
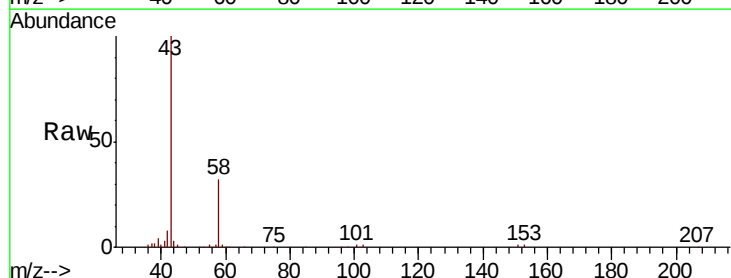
RT: 4.13 min Scan# 365

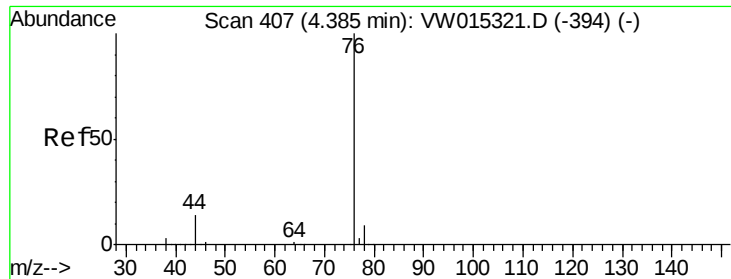
Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Tgt Ion:	43	Resp:	87775
Ion Ratio	Lower	Upper	
43	100		
58	32.3	27.0	40.4





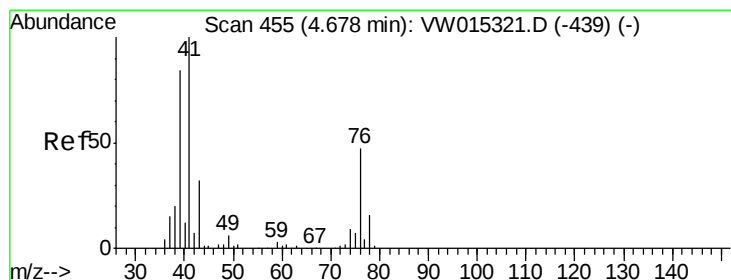
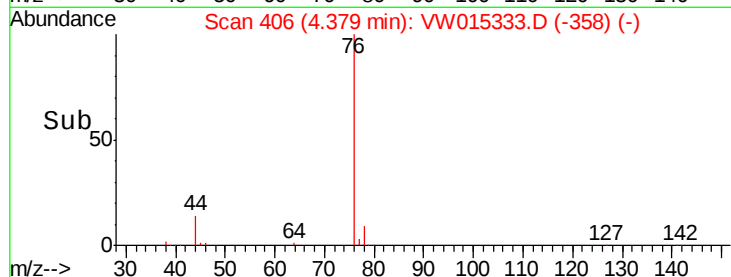
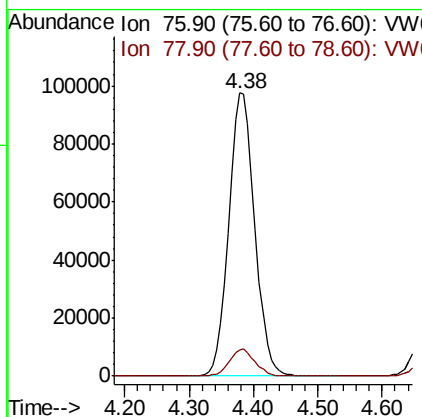
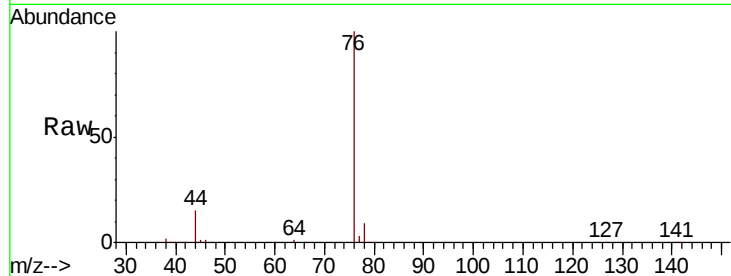
#17
Carbon Disulfide
Concen: 43.463 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

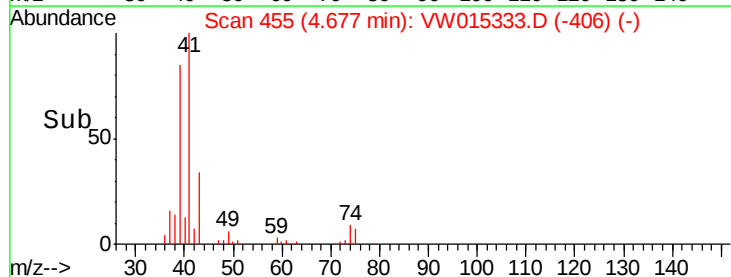
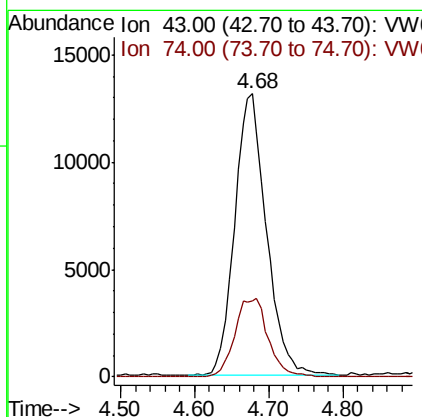
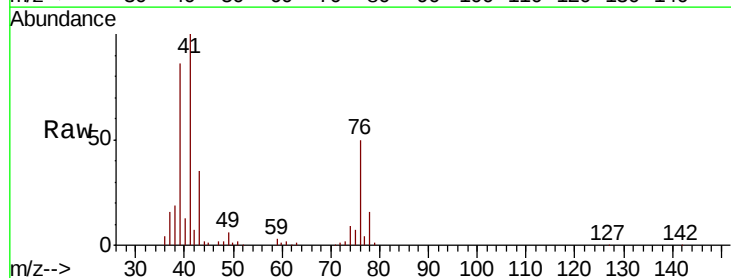
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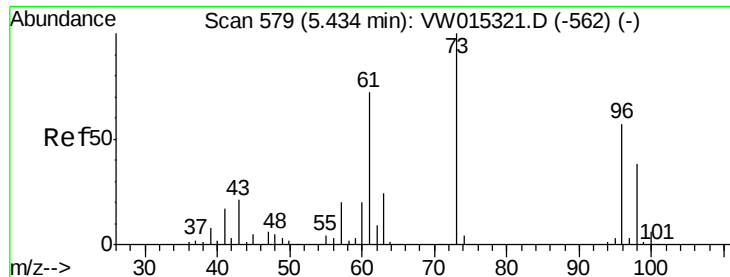
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#18
Methyl Acetate
Concen: 41.556 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.2	20.6	31.0





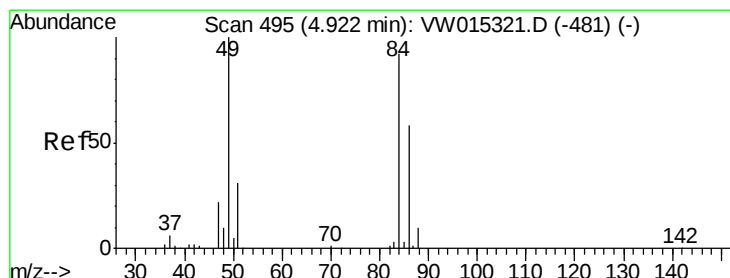
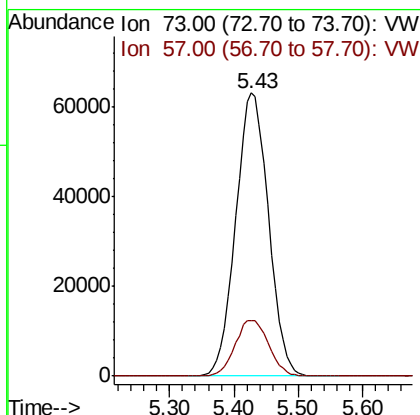
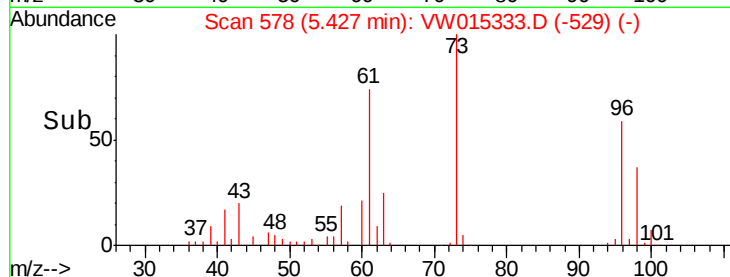
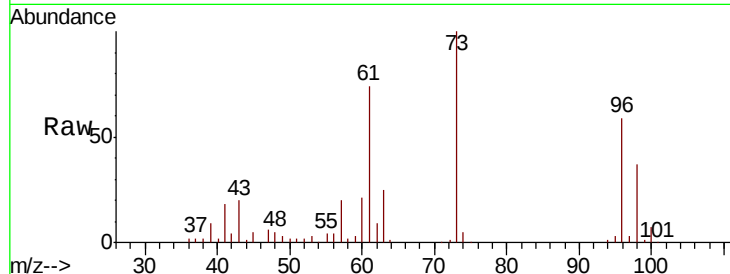
#19
Methyl tert-butyl Ether
Concen: 45.300 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 221398
Ion Ratio Lower Upper
73 100
57 19.8 17.8 26.6

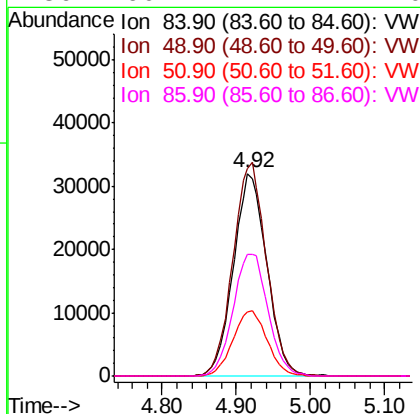
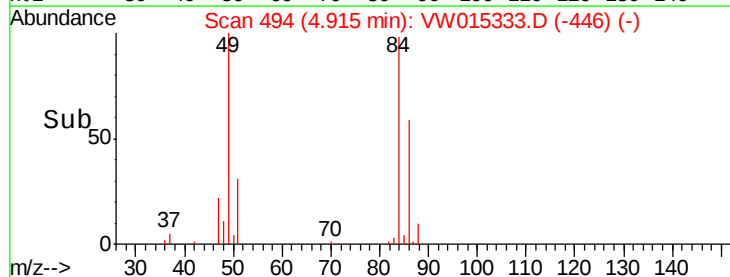
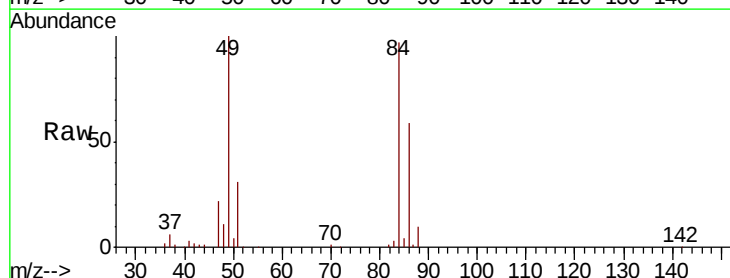
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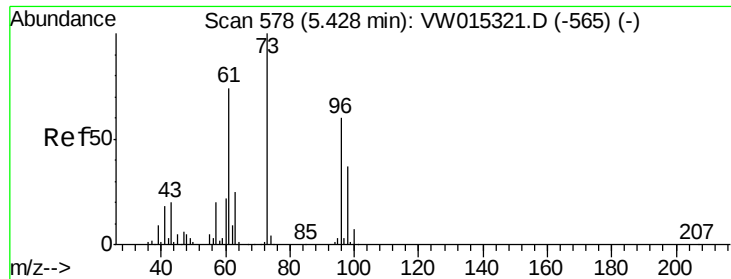
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#20
Methylene Chloride
Concen: 43.027 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion: 84 Resp: 100533
Ion Ratio Lower Upper
84 100
49 102.6 95.4 143.0
51 31.8 29.8 44.8
86 60.1 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 46.471 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

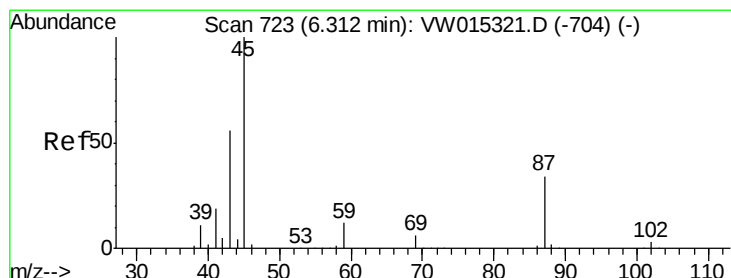
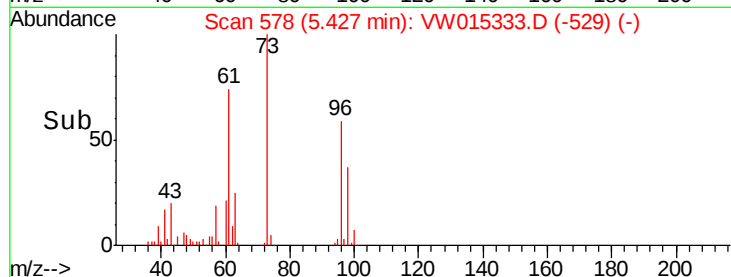
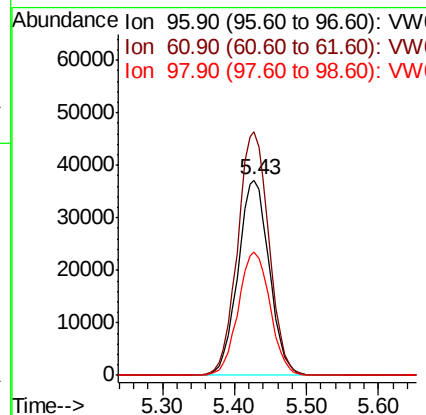
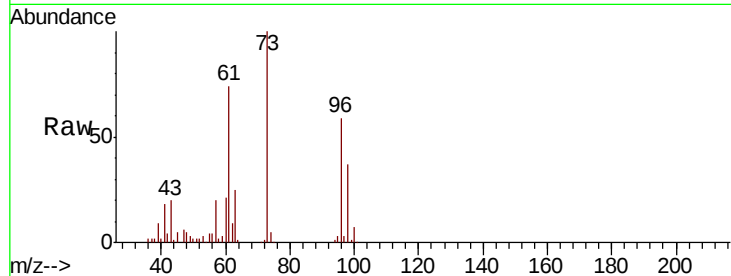
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	112209
Ion	Ratio	Lower	Upper
96	100		
61	124.7	107.8	161.6
98	63.0	50.2	75.2

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#22

Diisopropyl ether

Concen: 45.527 ug/l

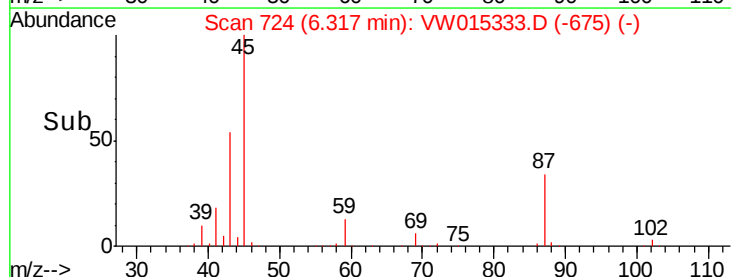
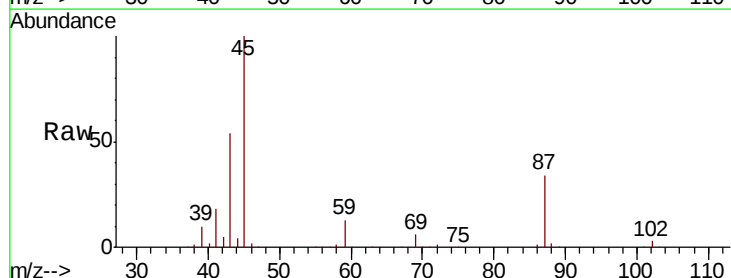
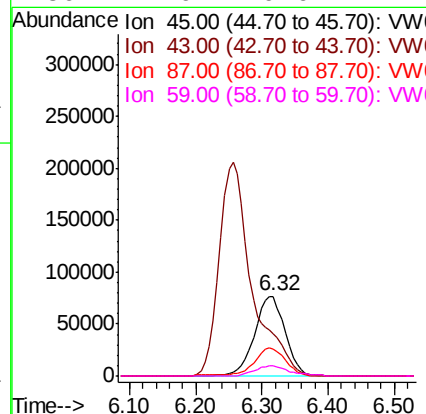
RT: 6.32 min Scan# 724

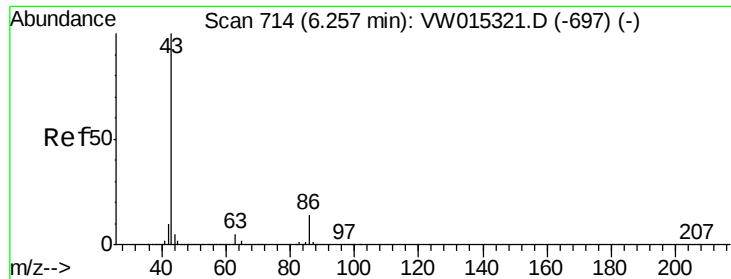
Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Tgt Ion:	45	Resp:	246682
Ion	Ratio	Lower	Upper
45	100		
43	53.3	41.8	62.6
87	34.3	23.2	34.8
59	12.9	9.6	14.4





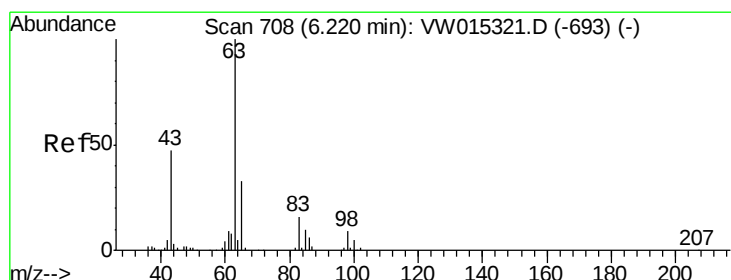
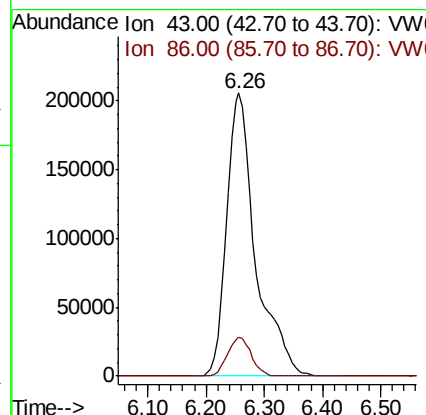
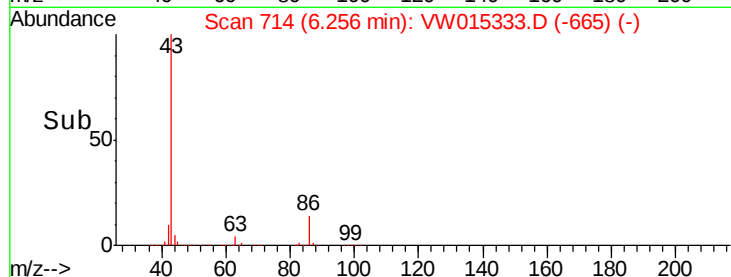
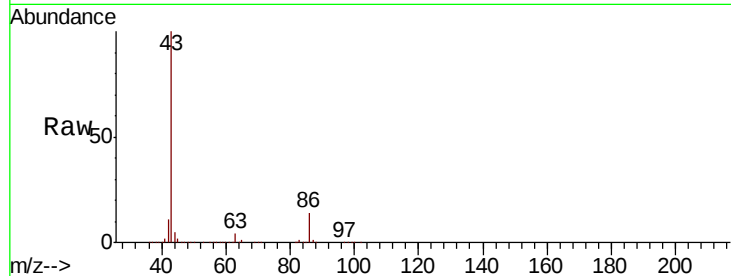
#23
 Vinyl Acetate
 Concen: 223.342 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
86	13.9	9.1	13.7#

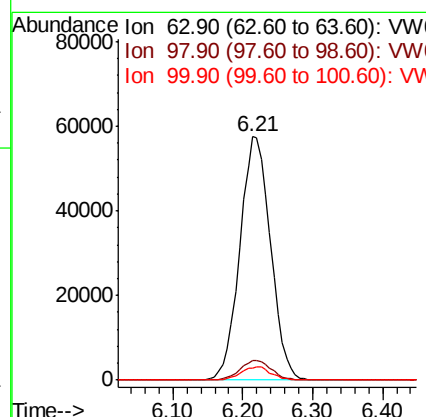
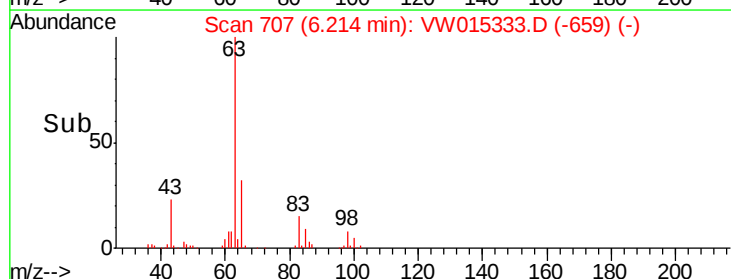
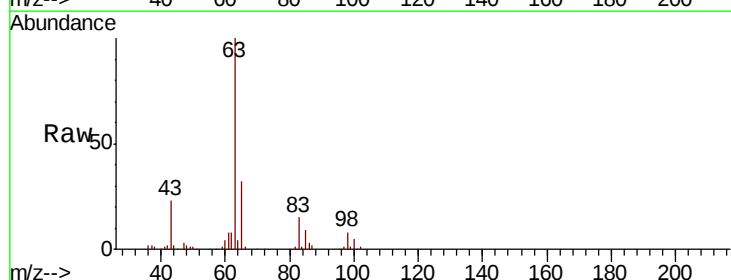
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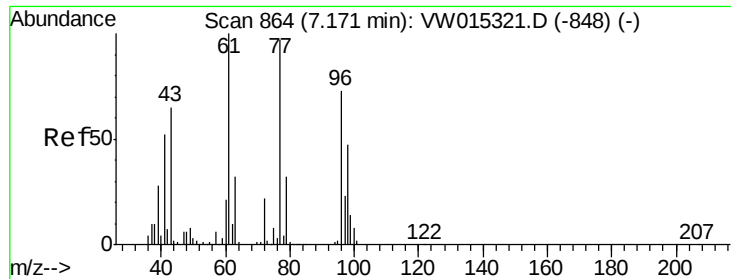
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#24
 1,1-Dichloroethane
 Concen: 46.620 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Tgt Ion	Ratio	Lower	Upper
63	100		
98	8.1	3.6	10.9
100	4.8	2.4	7.2





#25

2-Butanone

Concen: 237.719 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 112441

Ion Ratio Lower Upper

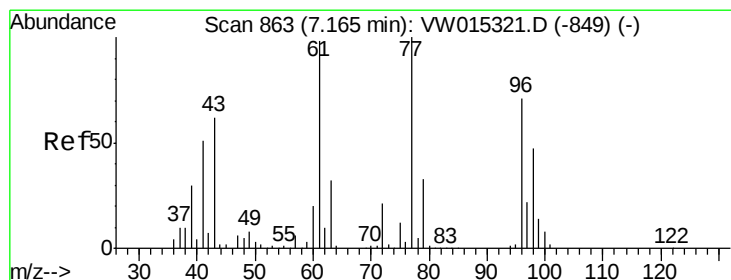
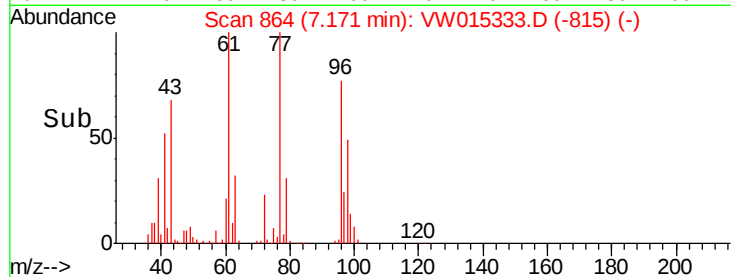
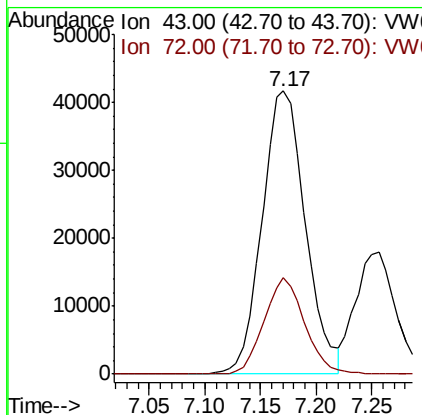
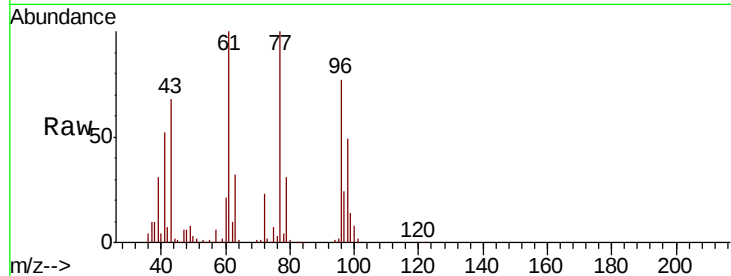
43 100

72 34.1 21.6 32.4#

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#26

2,2-Dichloropropane

Concen: 46.112 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015333.D

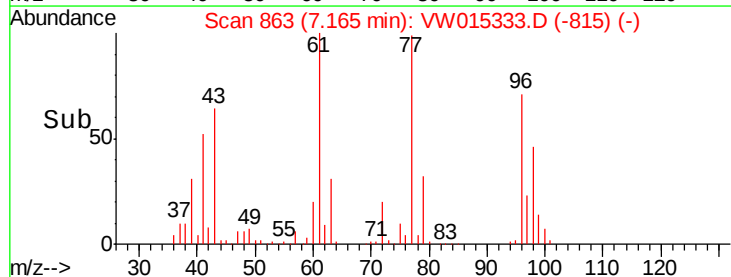
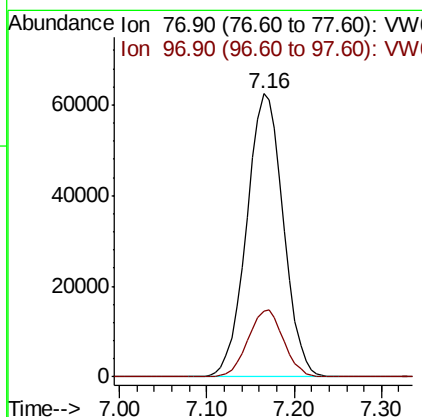
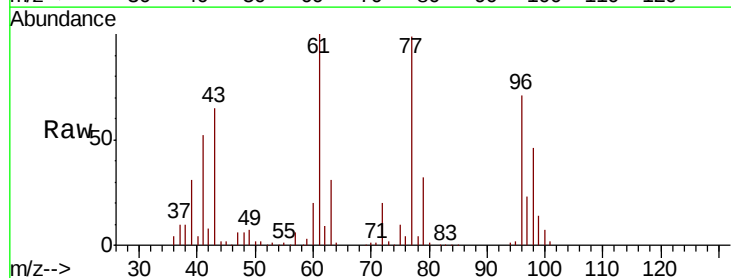
Acq: 24 Apr 2020 10:37

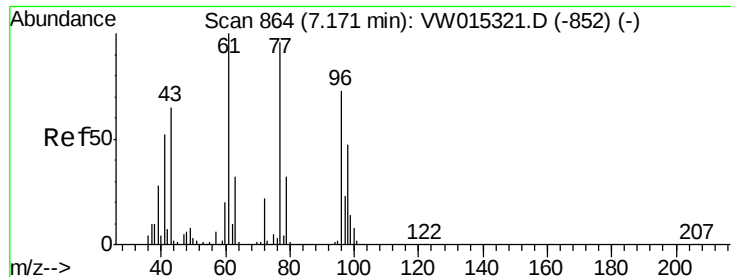
Tgt Ion: 77 Resp: 182168

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.5





#27

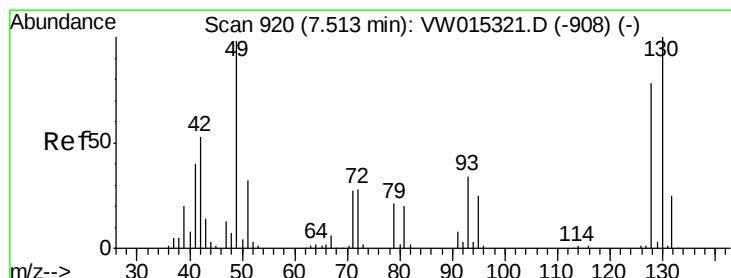
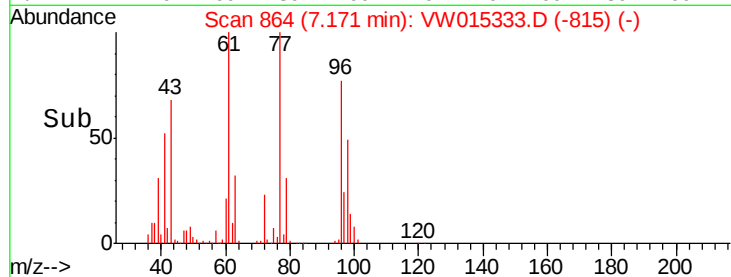
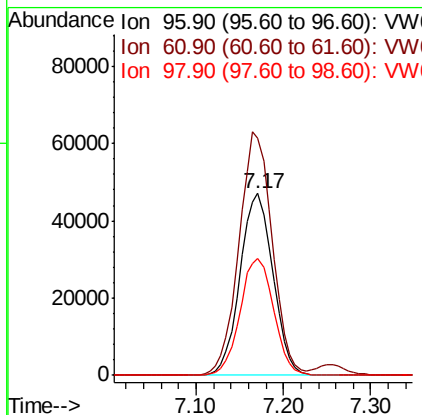
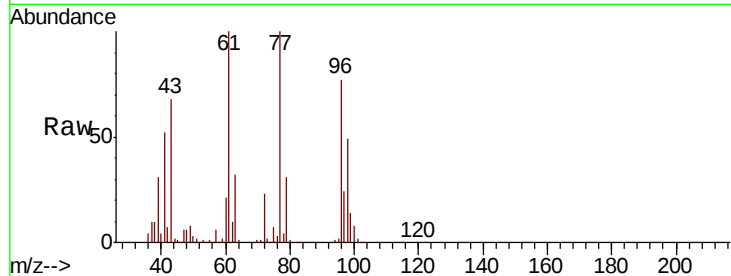
cis-1,2-Dichloroethene
Concen: 47.365 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	123471		
61	134.9	0.0	275.0	
98	65.5	0.0	130.8	

Manual Integrations
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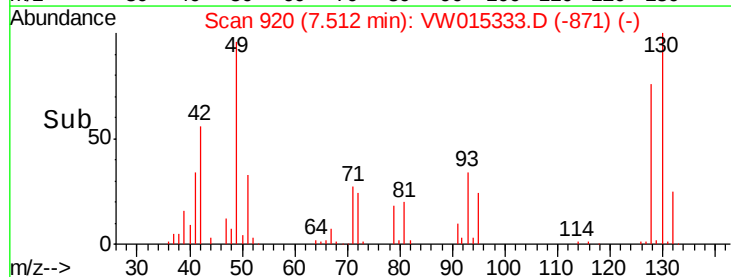
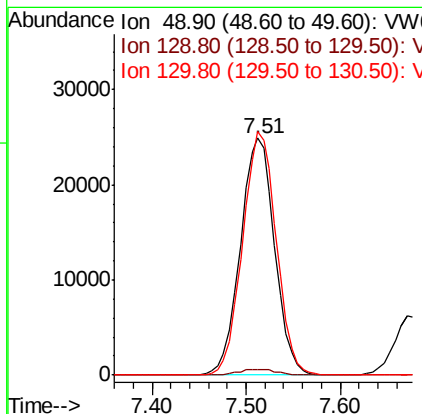
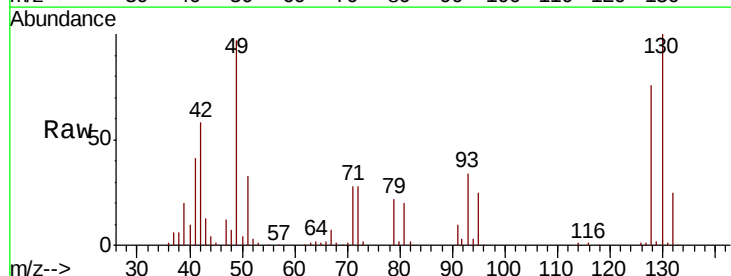
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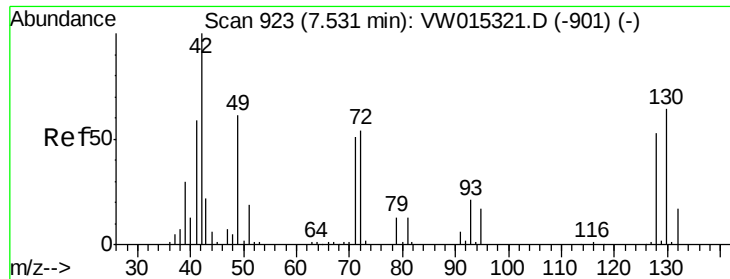


#28

Bromochloromethane
Concen: 46.333 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	63259		
129	2.5	0.0	4.6	
130	101.4	60.9	91.3#	





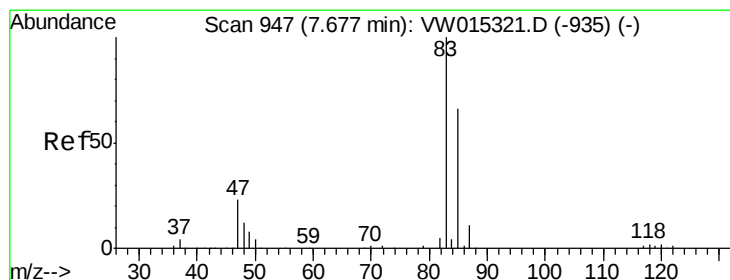
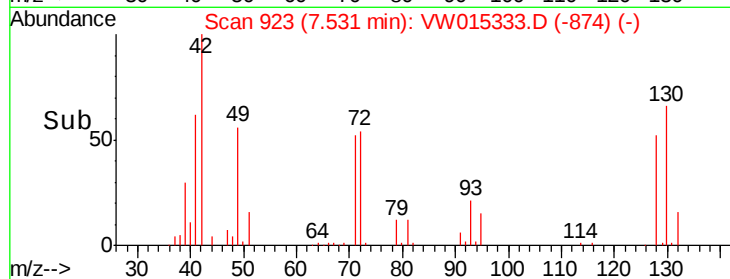
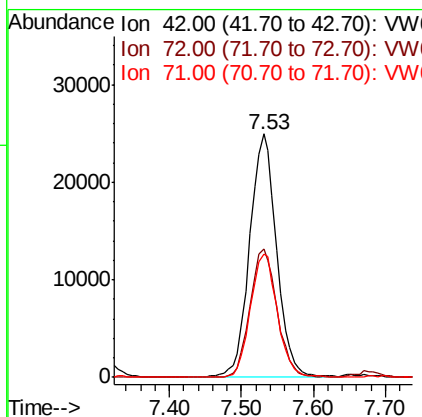
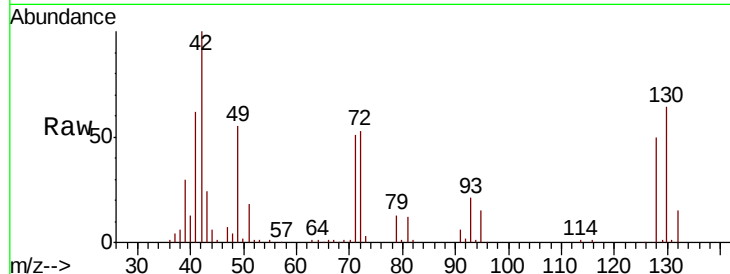
#29
Tetrahydrofuran
Concen: 220.251 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.7	36.2	54.2
71	50.9	34.2	51.4

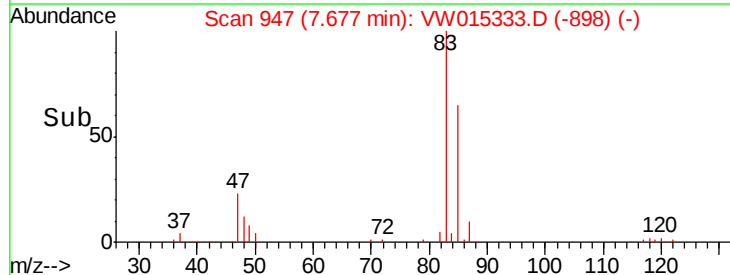
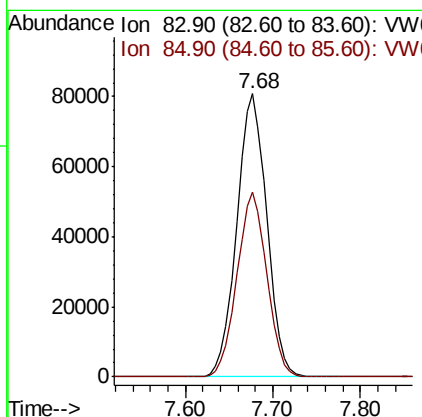
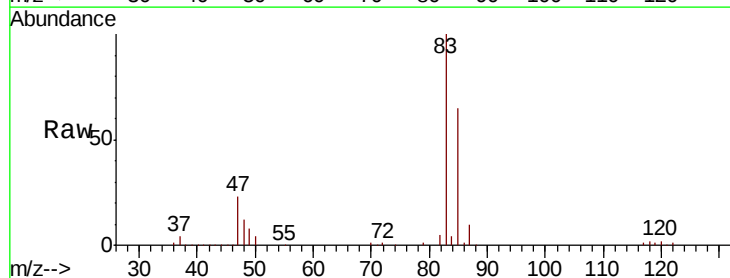
Manual Integrations
APPROVED

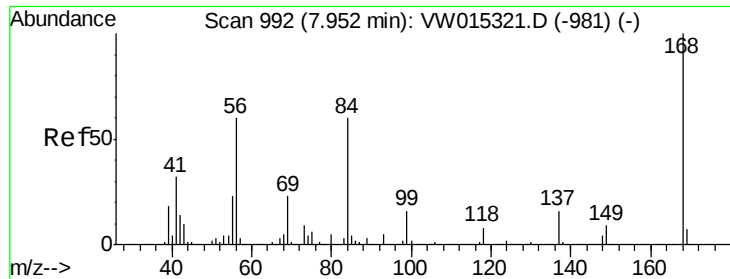
apatel
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#30
Chloroform
Concen: 47.486 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.9	76.3





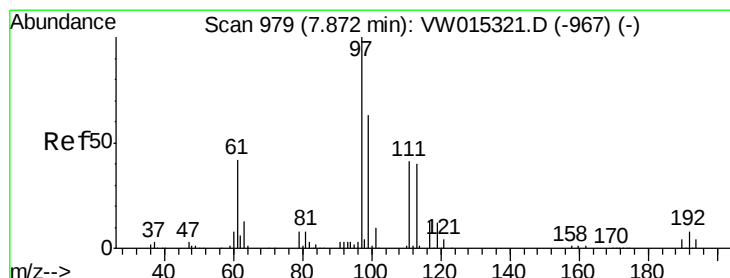
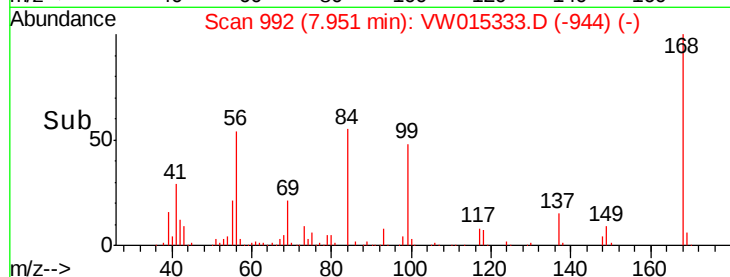
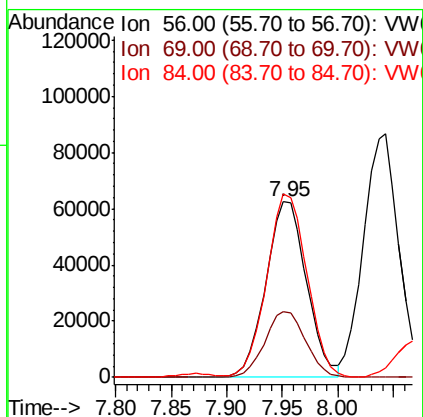
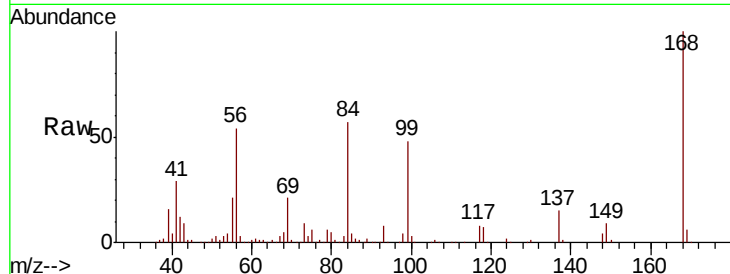
#31
Cyclohexane
Concen: 42.186 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.7	27.1	40.7
84	103.0	71.9	107.9

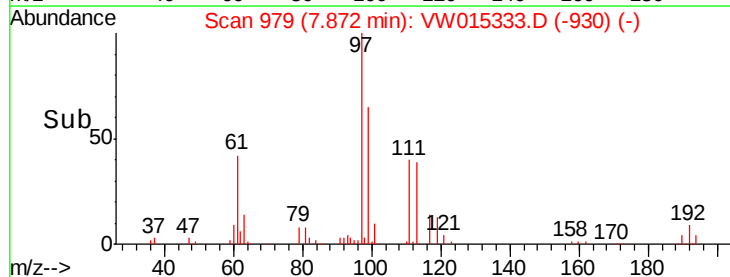
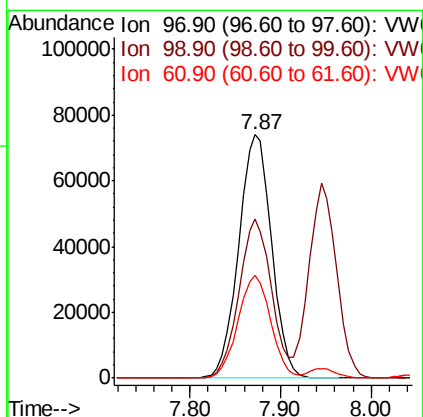
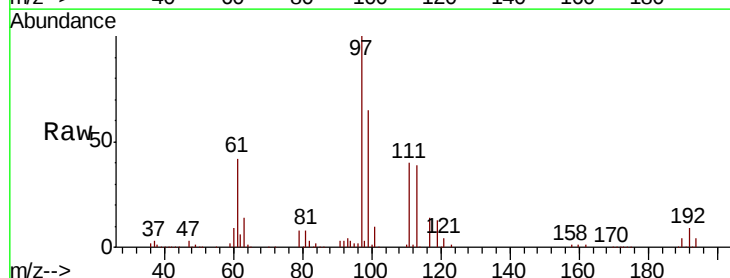
Manual Integrations
APPROVED

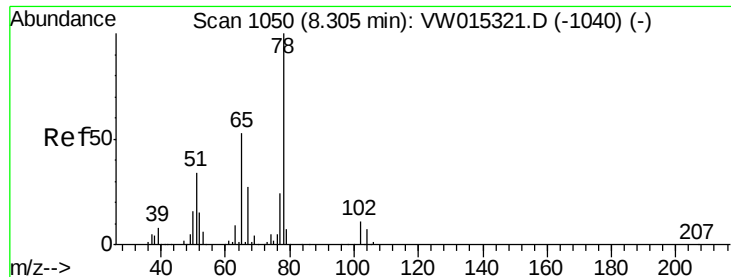
apatel
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#32
1,1,1-Trichloroethane
Concen: 47.446 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.2	78.2
61	42.0	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 45.070 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 91995

Ion Ratio Lower Upper

65 100

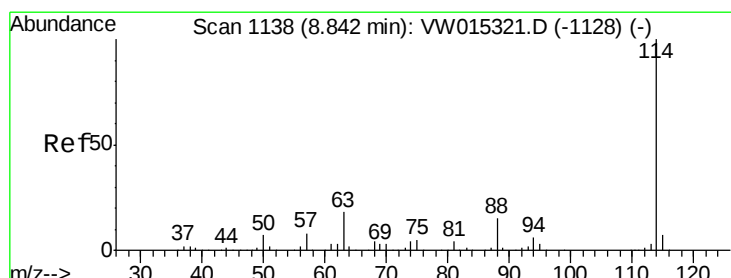
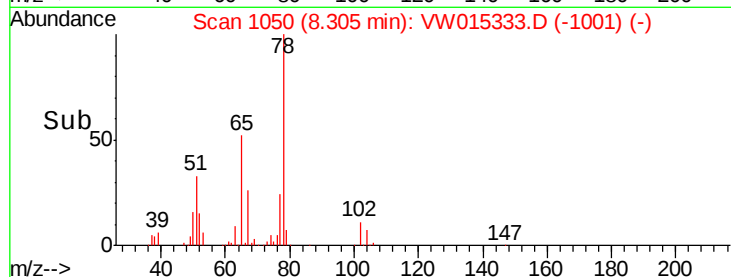
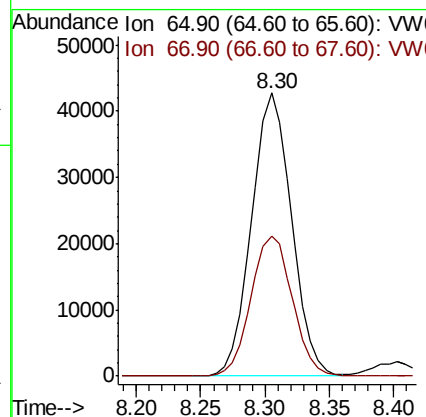
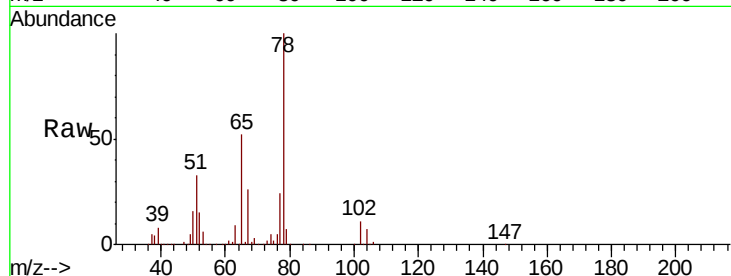
67 51.2 0.0 107.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

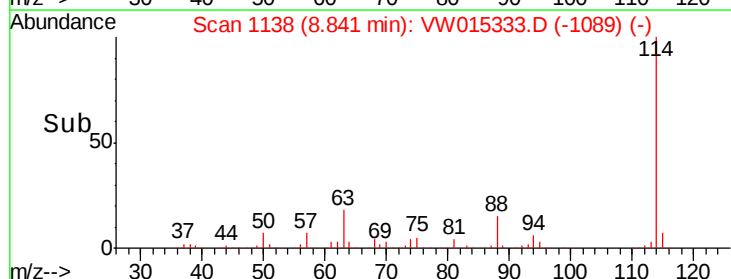
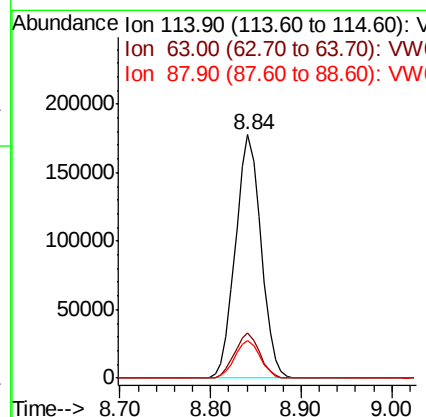
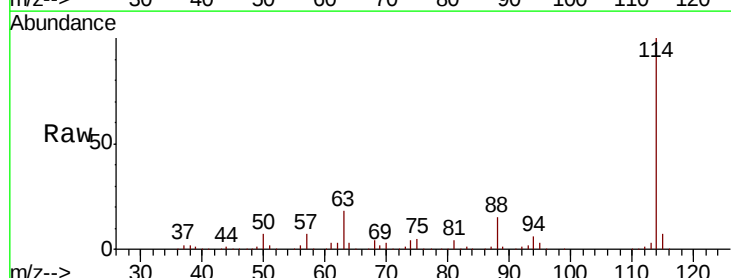
Tgt Ion: 114 Resp: 348221

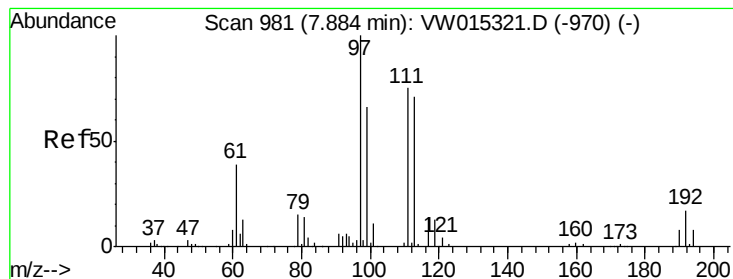
Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.8

88 15.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.980 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

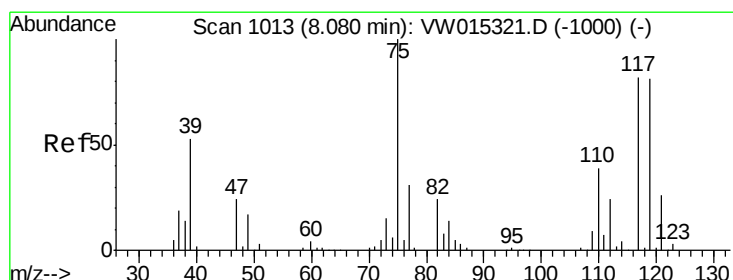
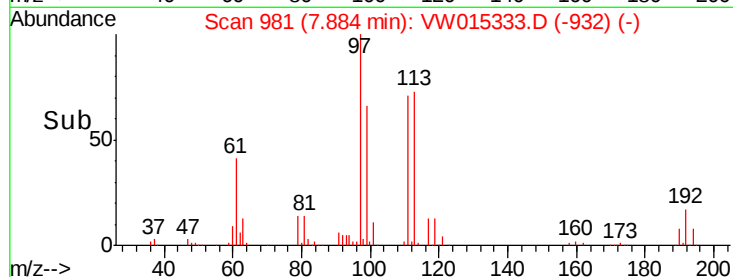
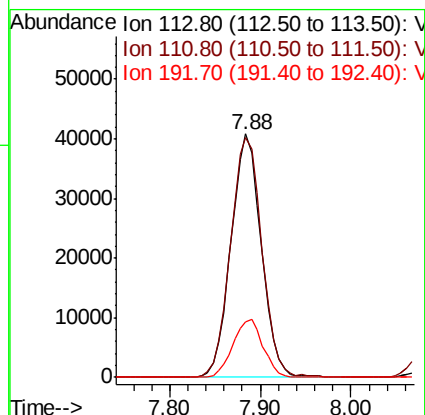
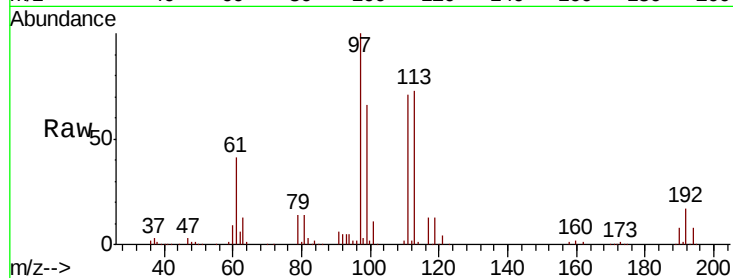
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.0	124.4
192	23.7	15.1	22.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.458 ug/l

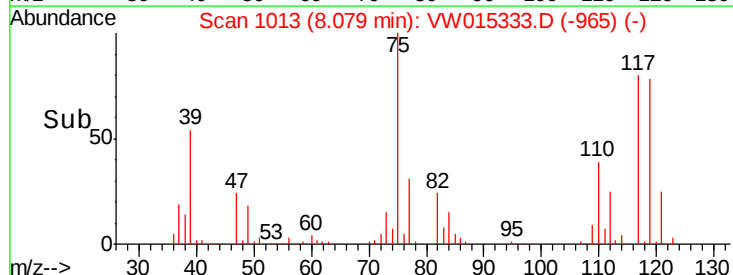
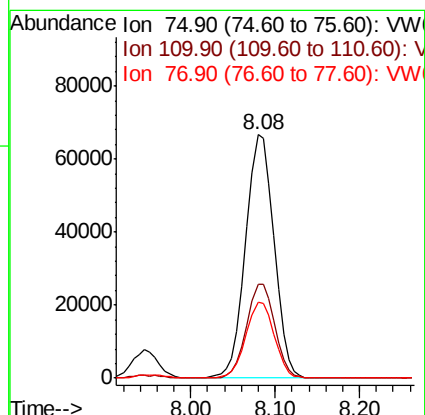
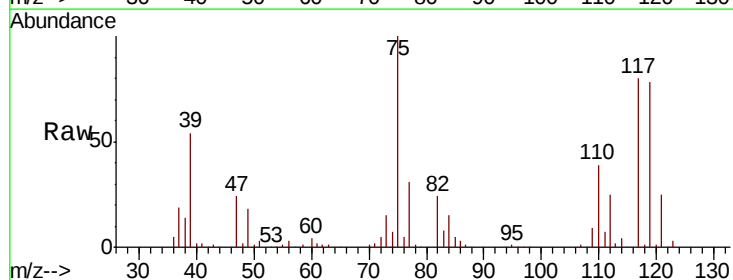
RT: 8.08 min Scan# 1013

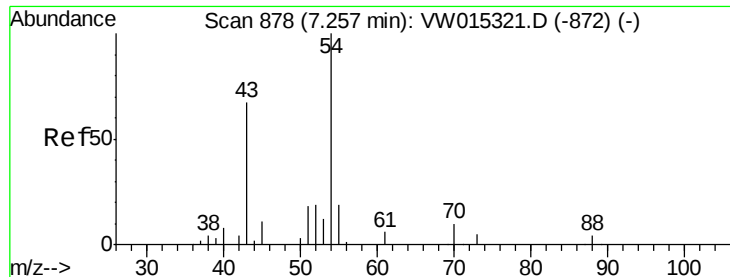
Delta R.T. -0.01 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.1	18.2	54.6
77	31.1	24.5	36.7





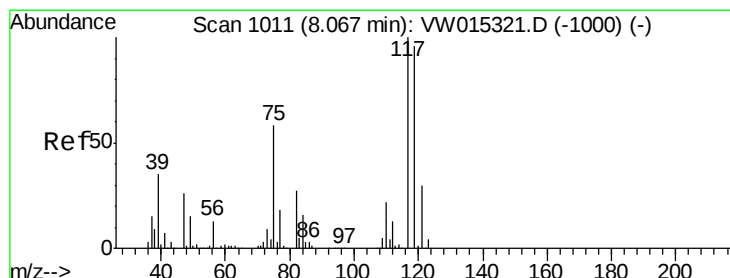
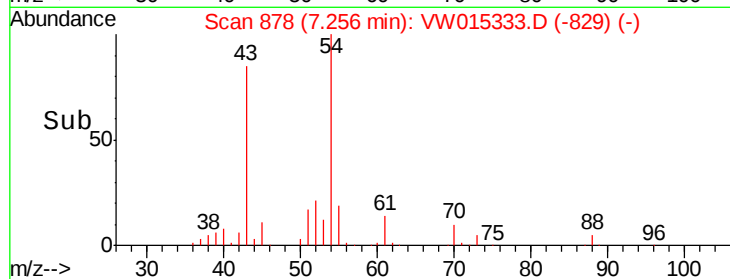
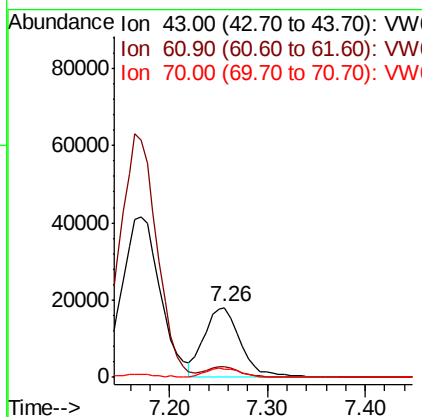
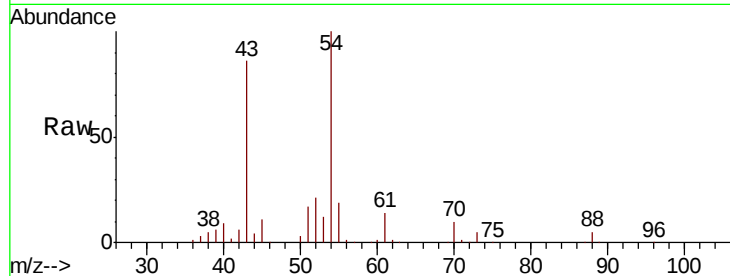
#37
Ethyl Acetate
Concen: 45.204 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	46108
Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.9	17.9
70	12.6	8.8	13.2

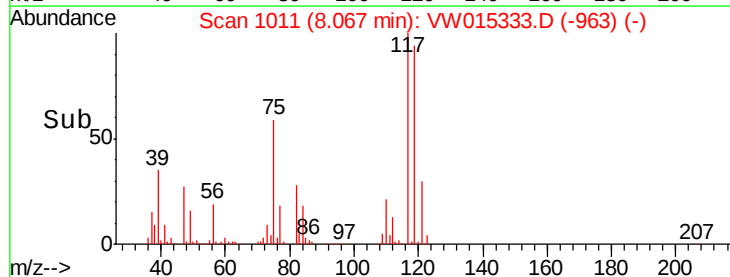
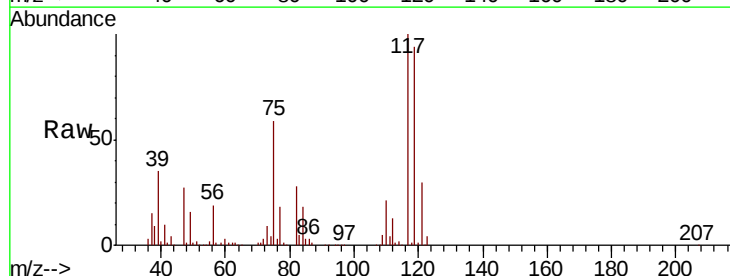
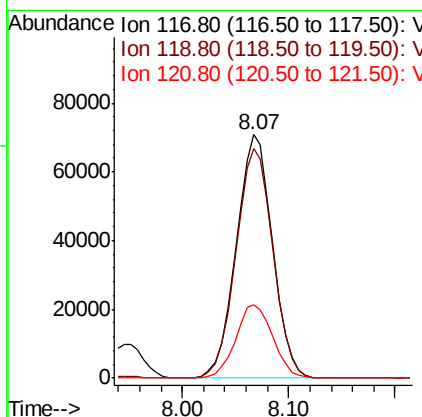
Manual Integrations
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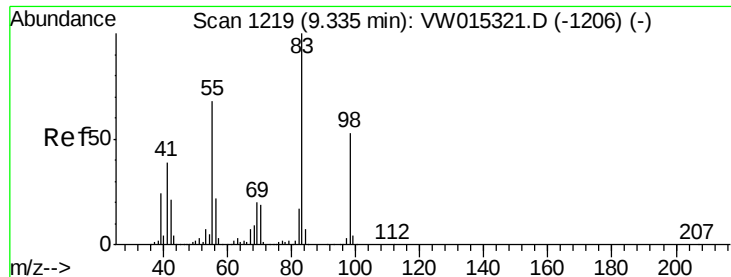
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#38
Carbon Tetrachloride
Concen: 49.140 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion:	117	Resp:	168774
Ion	Ratio	Lower	Upper
117	100		
119	94.4	72.3	108.5
121	30.3	23.7	35.5





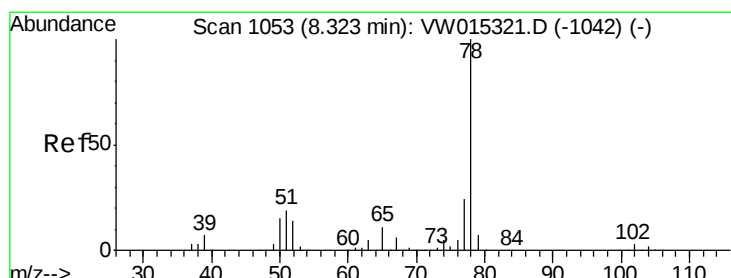
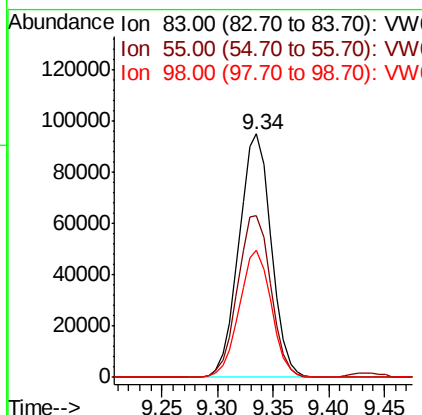
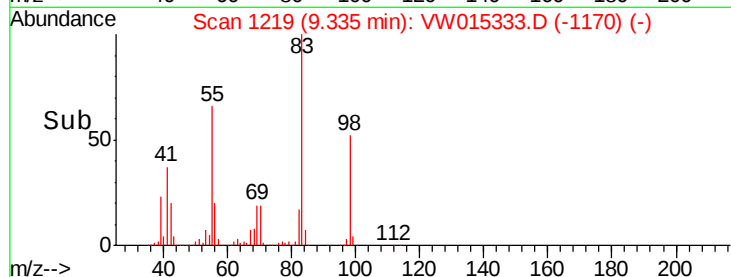
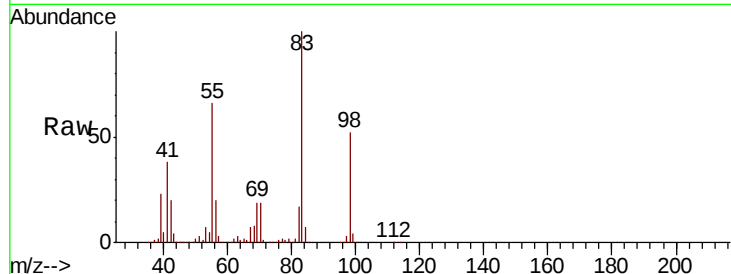
#39
Methvlcvclohexane
Concen: 45.788 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.4	58.1	87.1
98	52.5	40.2	60.4

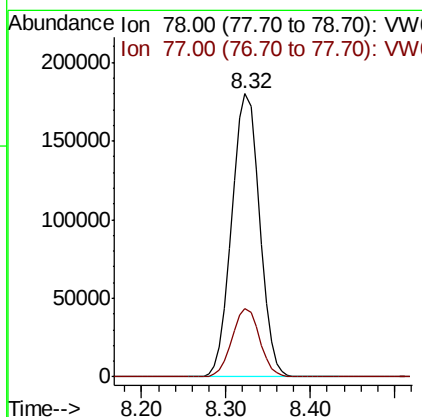
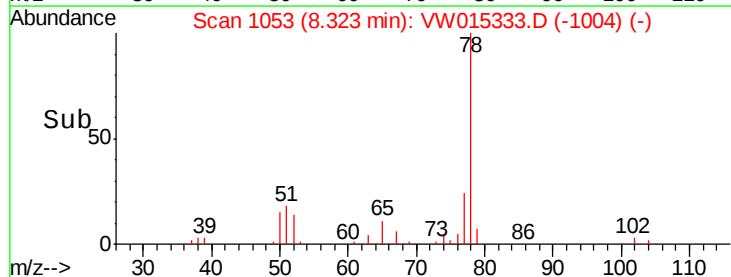
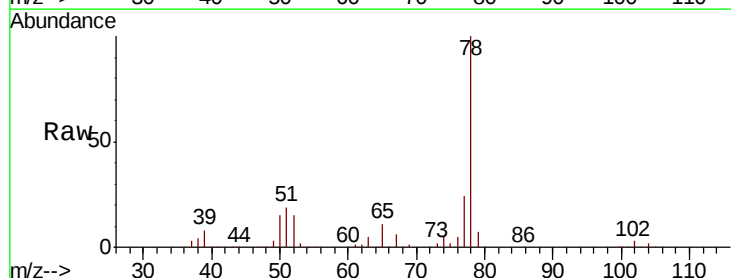
Manual Integrations
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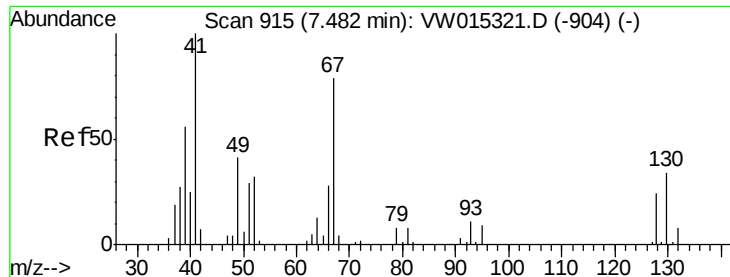
apatel
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#40
Benzene
Concen: 47.801 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.2	27.2





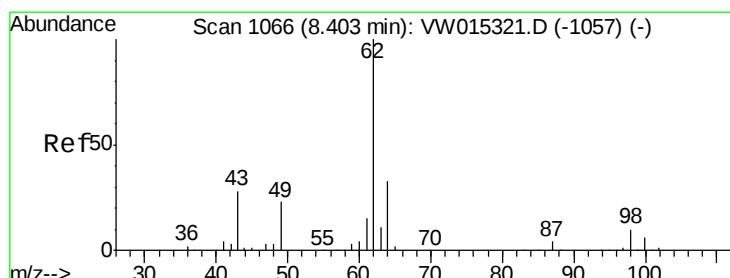
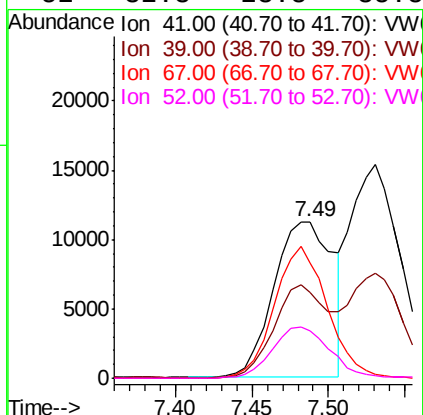
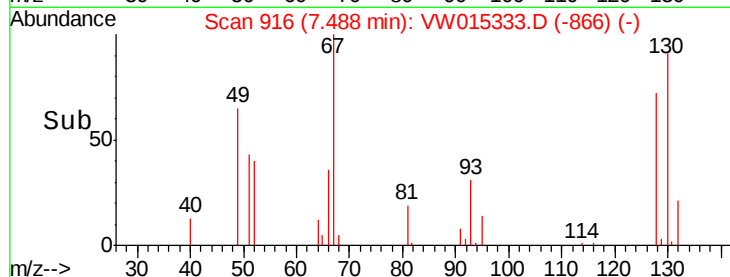
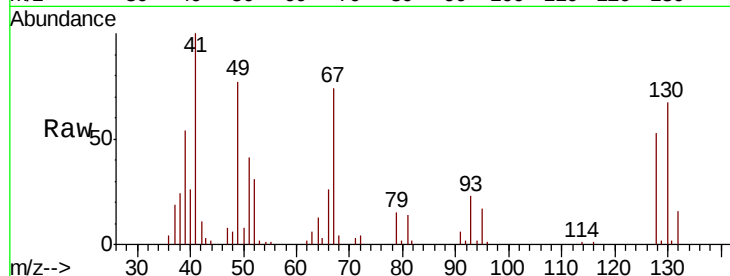
#41
Methacrylonitrile
Concen: 49.602 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	50.8	41.9	62.9
67	75.9	60.6	91.0
52	32.3	23.8	35.8

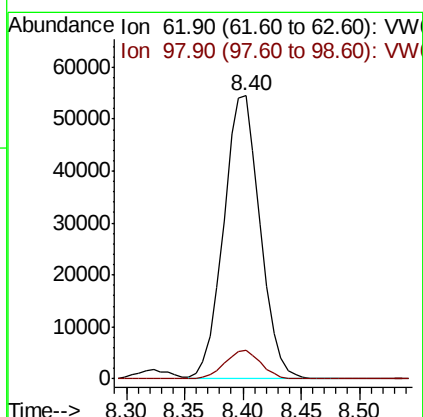
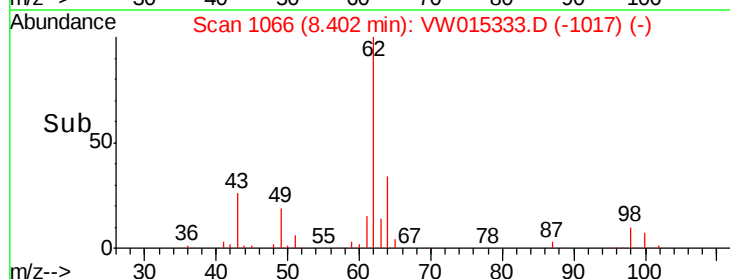
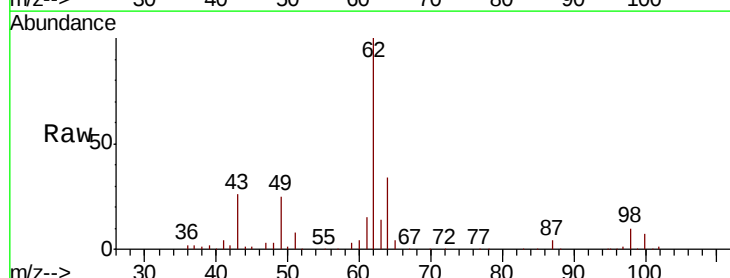
Manual Integrations
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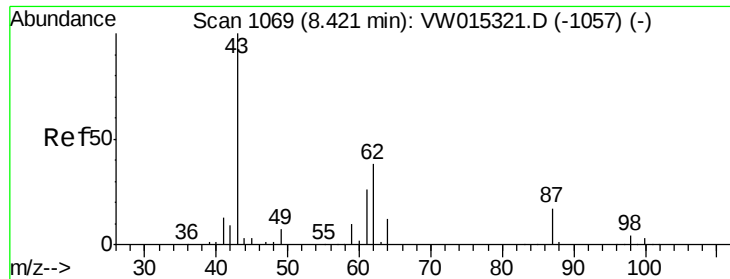
apatel
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#42
1,2-Dichloroethane
Concen: 47.878 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4





#43

Isopropyl Acetate

Concen: 44.982 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

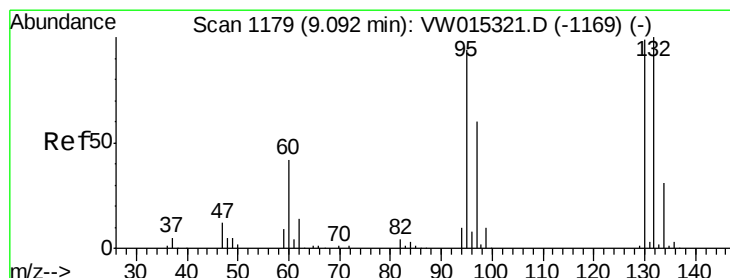
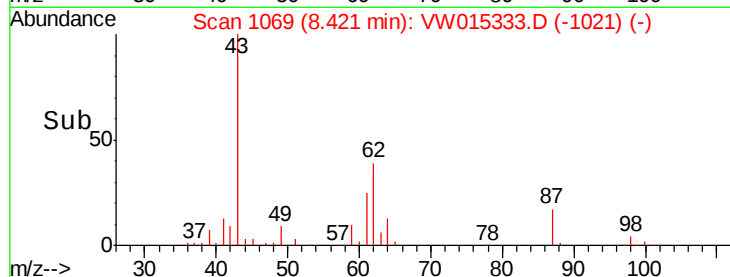
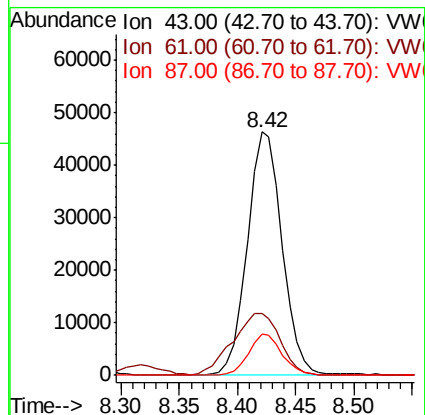
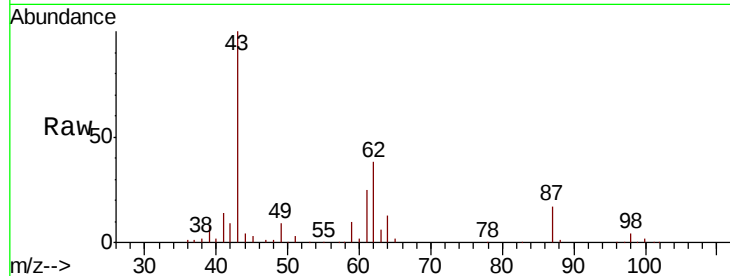
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	96230
Ion	Ratio	Lower	Upper
43	100		
61	34.8	24.8	37.2
87	16.4	11.4	17.2

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#44

Trichloroethene

Concen: 50.658 ug/l

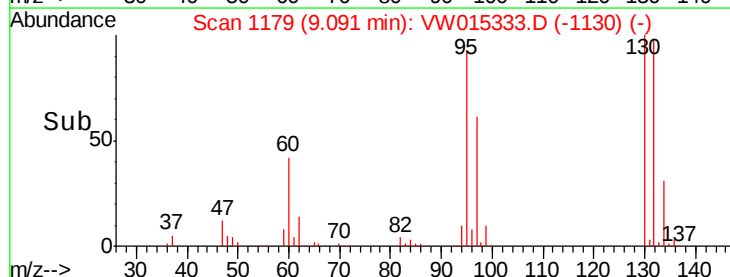
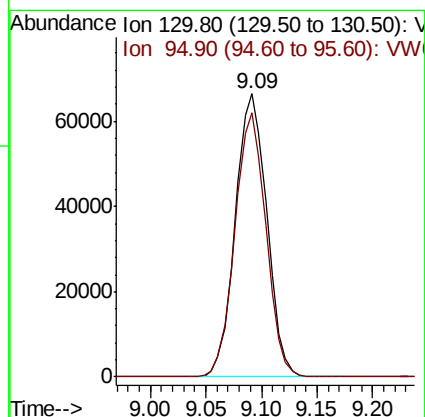
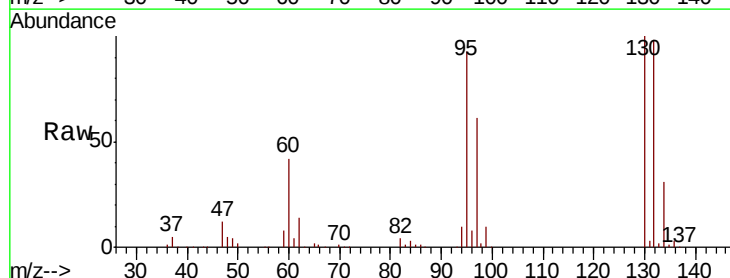
RT: 9.09 min Scan# 1179

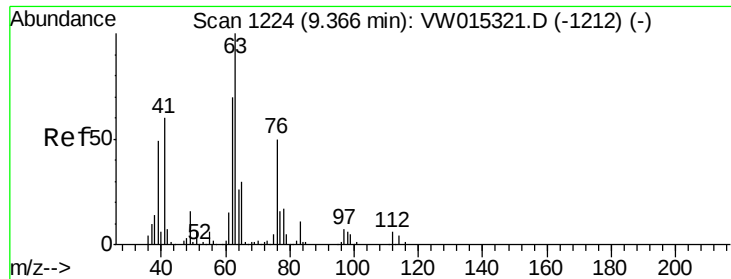
Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Tgt Ion:	130	Resp:	130090
Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	196.4





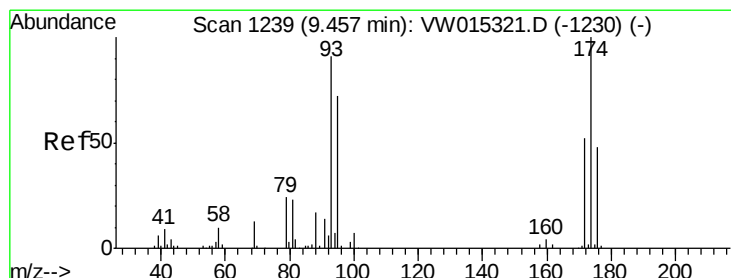
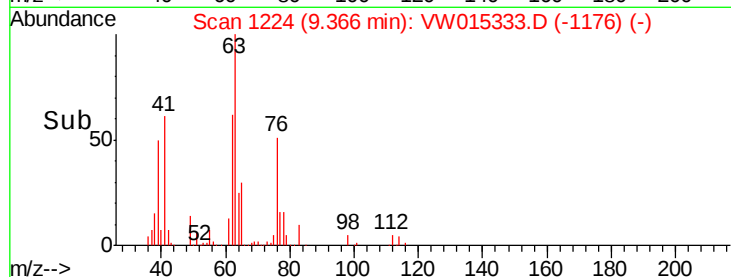
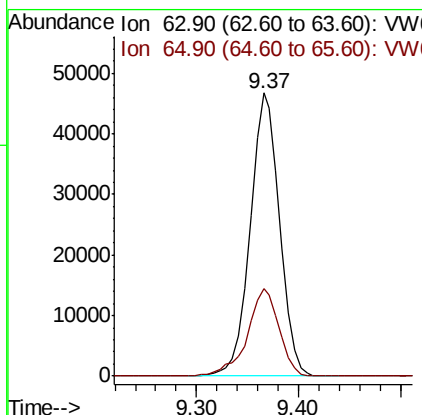
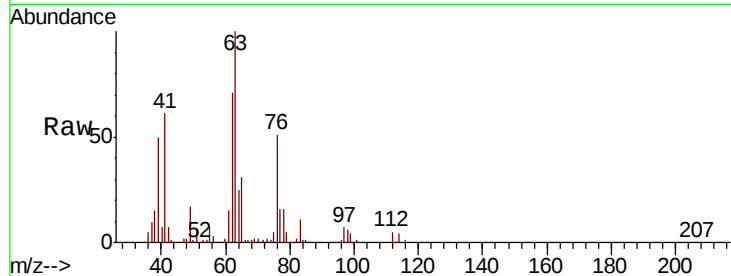
#45
 1,2-Dichloropropane
 Concen: 47.912 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	63	Resp	93542
Ion Ratio	Lower	Upper	
63	100		
65	30.9	25.5	38.3

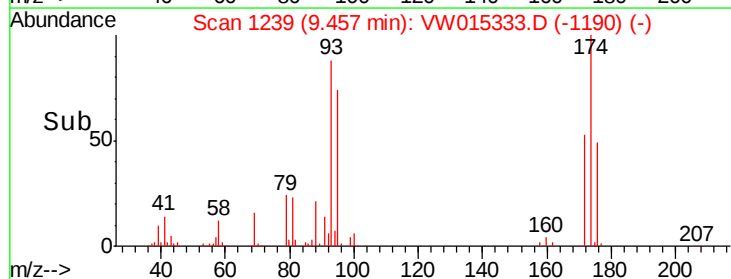
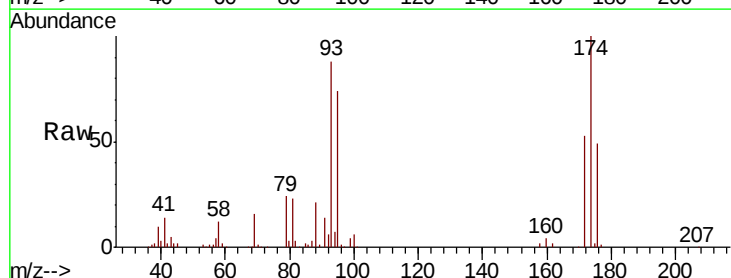
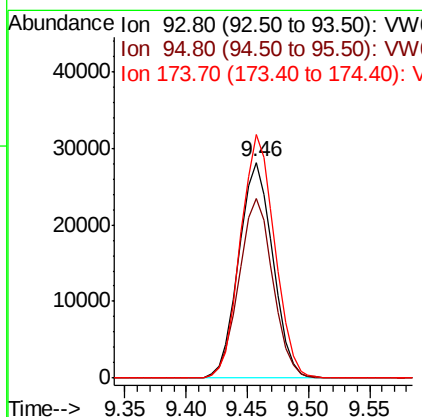
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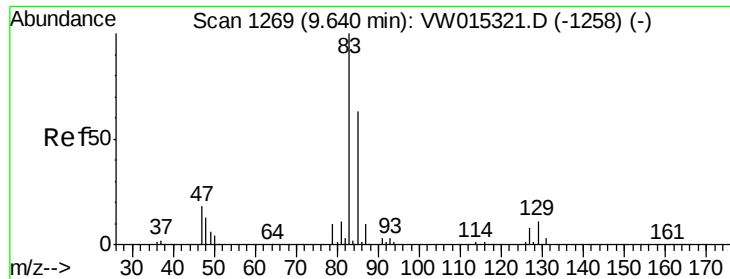
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#46
 Dibromomethane
 Concen: 48.273 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Tgt Ion	93	Resp	54518
Ion Ratio	Lower	Upper	
93	100		
95	82.8	67.5	101.3
174	113.1	74.1	111.1#





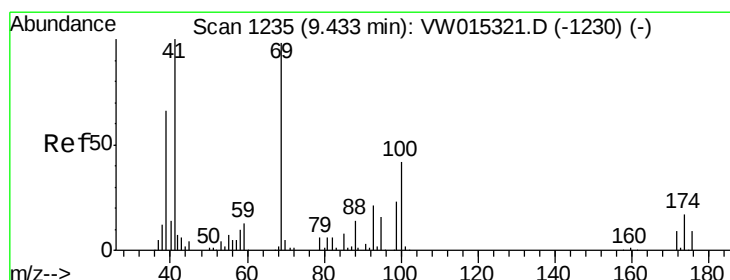
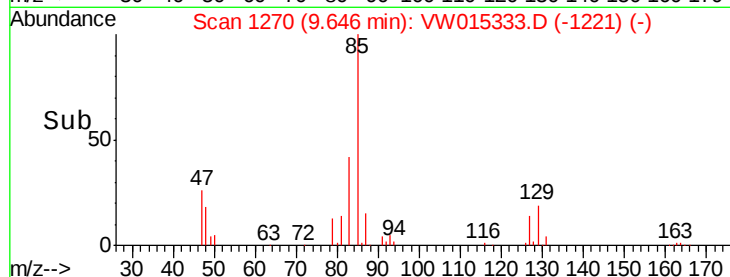
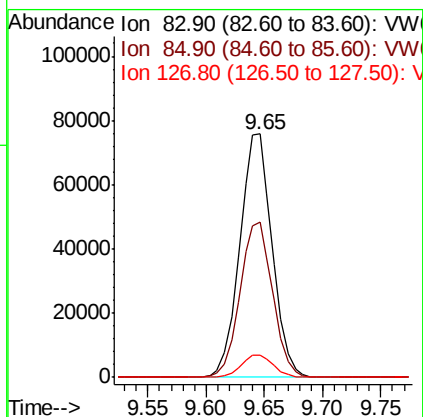
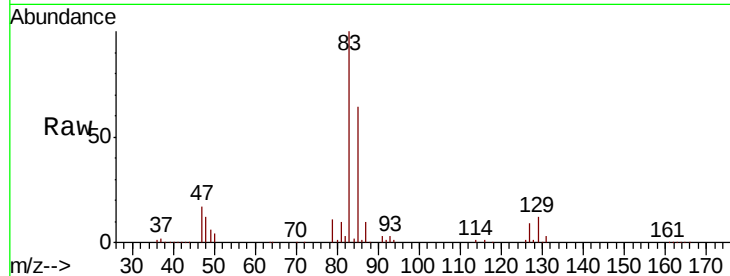
#47
Bromodichloromethane
Concen: 48.328 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83	85	127
Ion	100	63.9	9.1
Ratio			
Lower		50.6	6.7
Upper		76.0	10.1

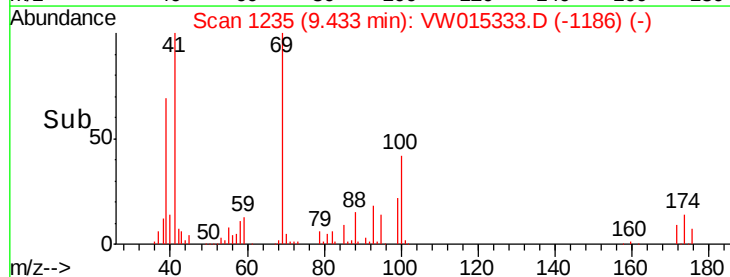
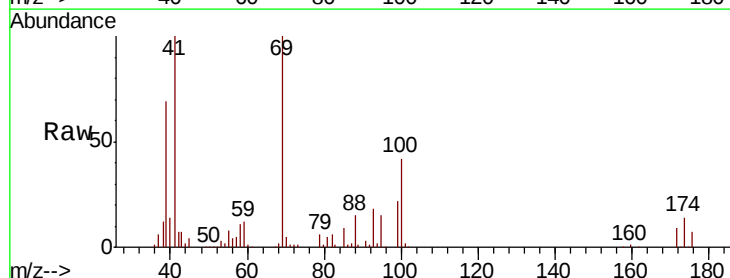
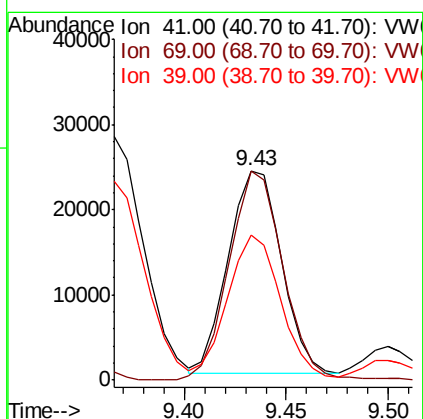
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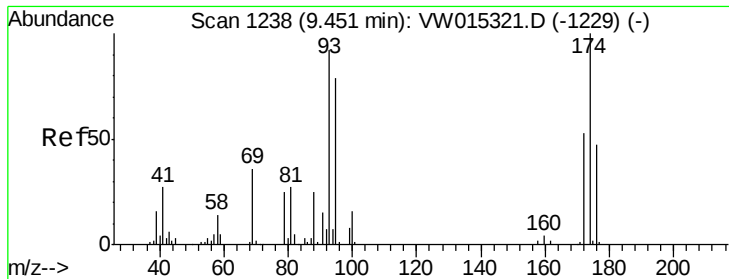
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#48
Methyl methacrylate
Concen: 42.547 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion	41	69	39
Ion	100	105.8	68.6
Ratio			
Lower		70.6	42.6
Upper		105.8	64.0#





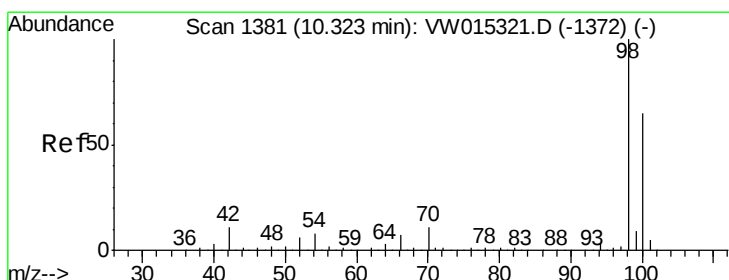
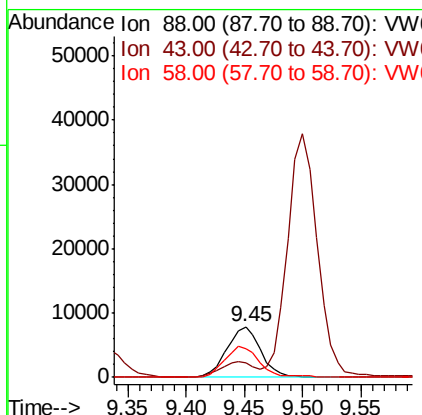
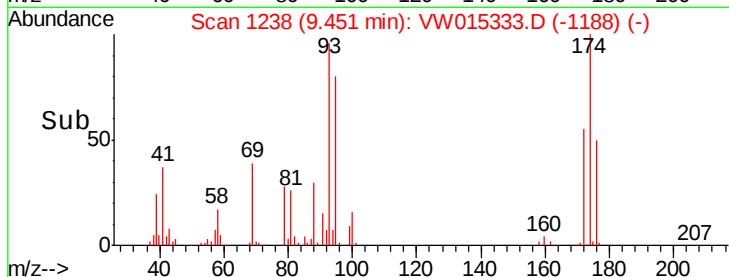
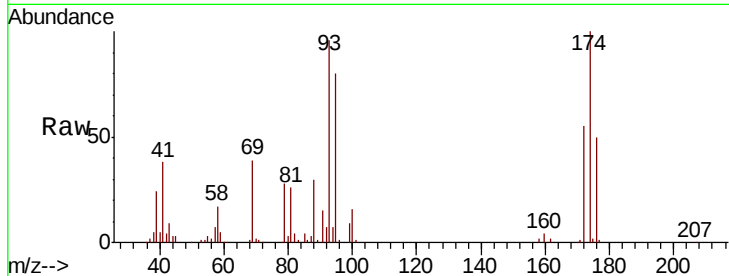
#49
1,4-Dioxane
Concen: 1052.011 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	15839
Ion	Ratio	Lower	Upper
88	100		
43	29.4	23.5	35.3
58	63.3	55.4	83.2

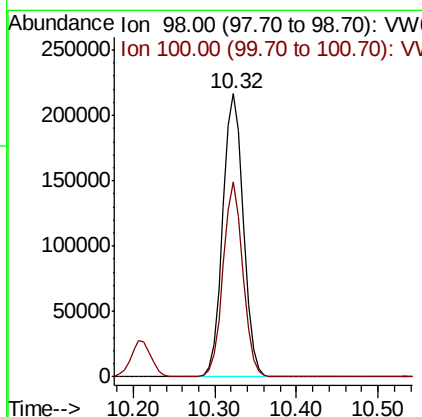
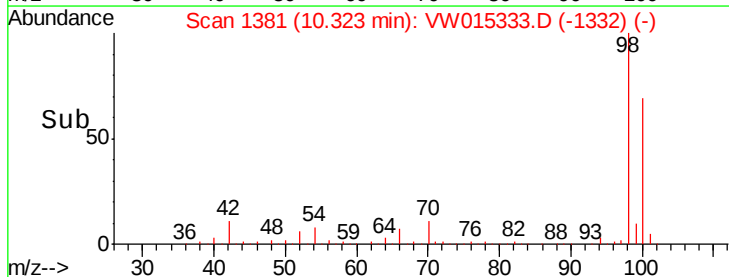
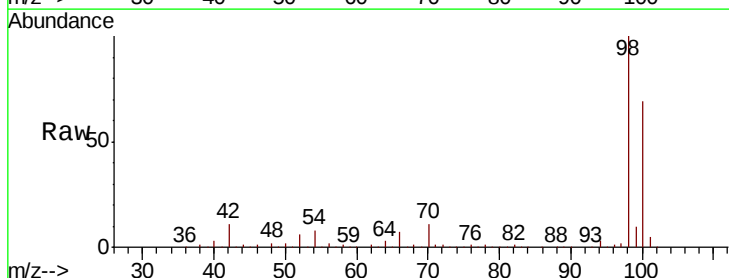
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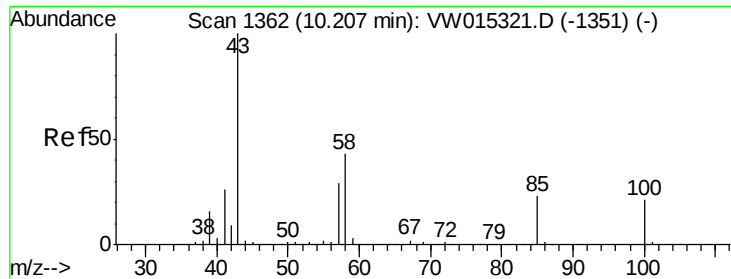
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#50
Toluene-d8
Concen: 46.586 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion	98	Resp	378007
Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 226.490 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 227452

Ion Ratio Lower Upper

43 100

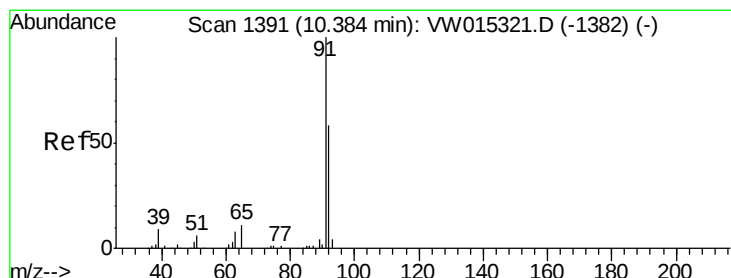
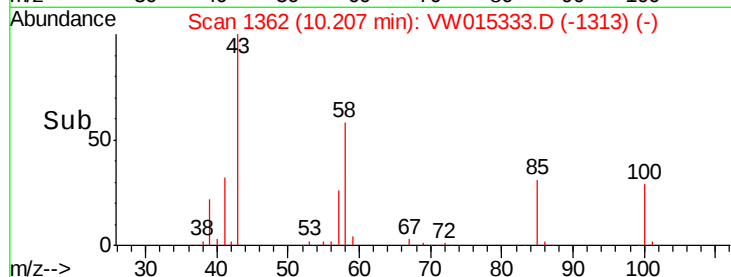
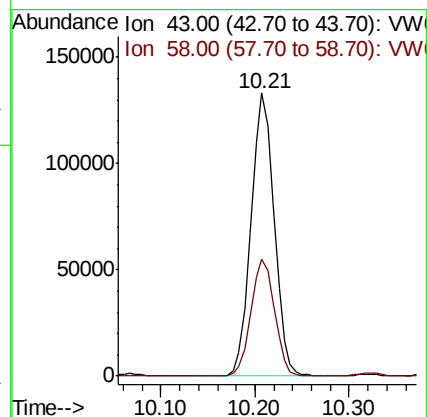
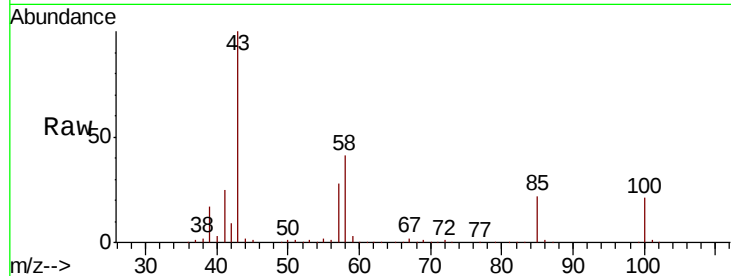
58 42.1 32.3 48.5

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#52

Toluene

Concen: 48.578 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW015333.D

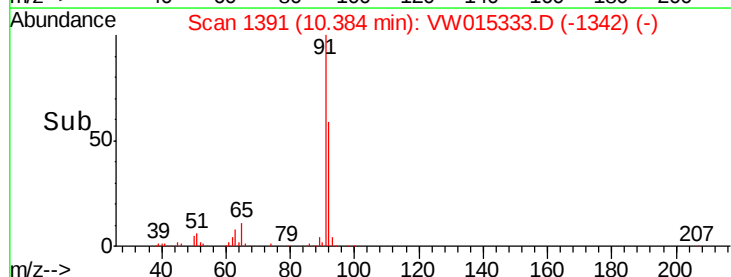
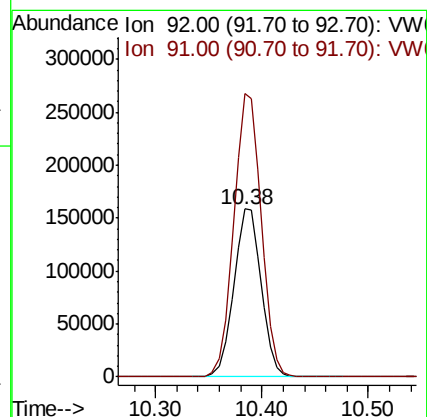
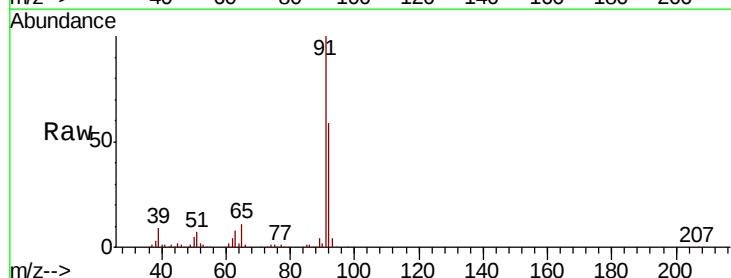
Acq: 24 Apr 2020 10:37

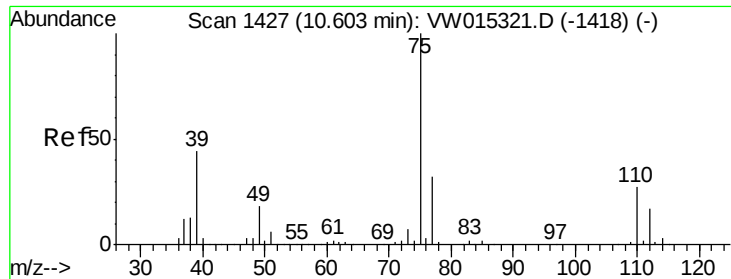
Tgt Ion: 92 Resp: 285432

Ion Ratio Lower Upper

92 100

91 169.4 137.1 205.7





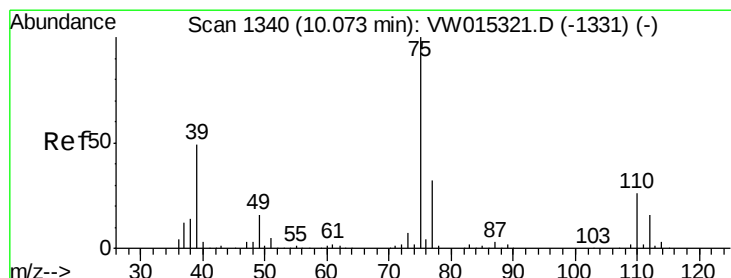
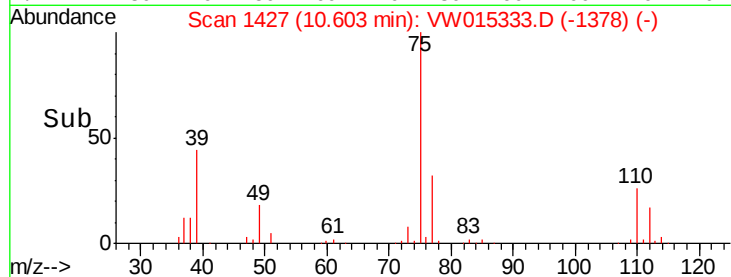
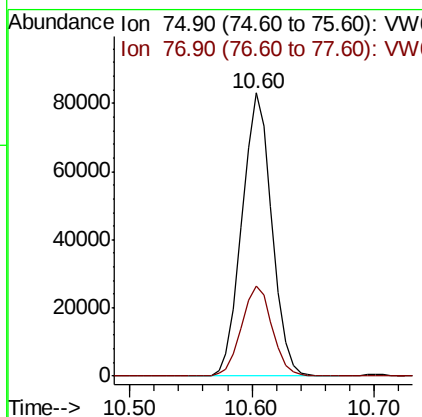
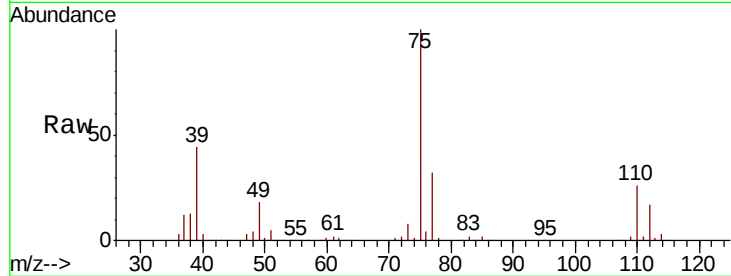
#53
 t-1,3-Dichloropropene
 Concen: 47.243 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 140639
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.5 38.3

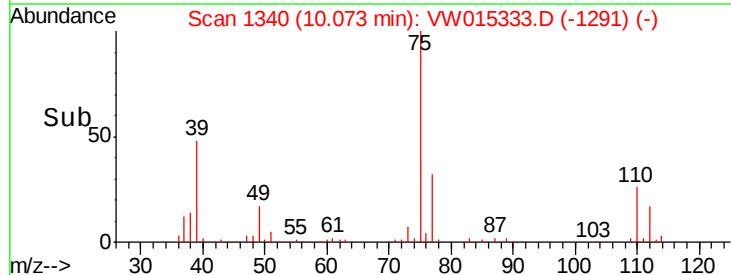
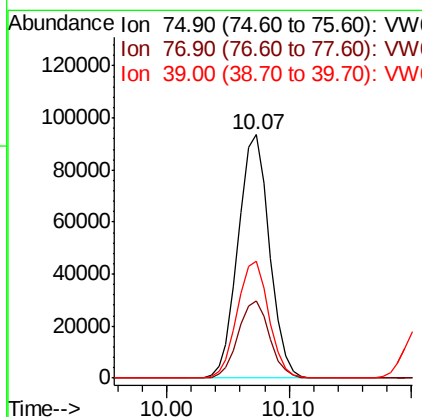
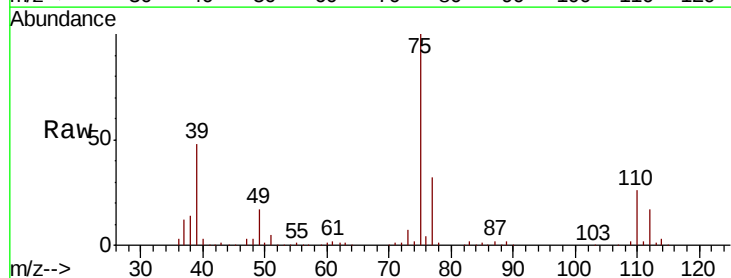
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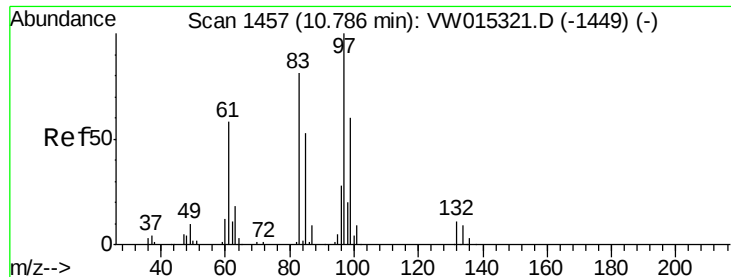
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#54
 cis-1,3-Dichloropropene
 Concen: 48.190 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Tgt Ion: 75 Resp: 166748
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.6 39.8
 39 47.7 37.8 56.6





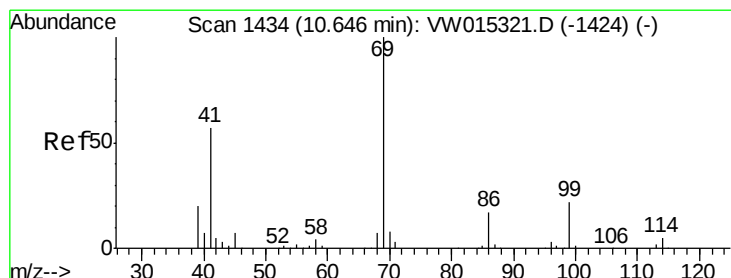
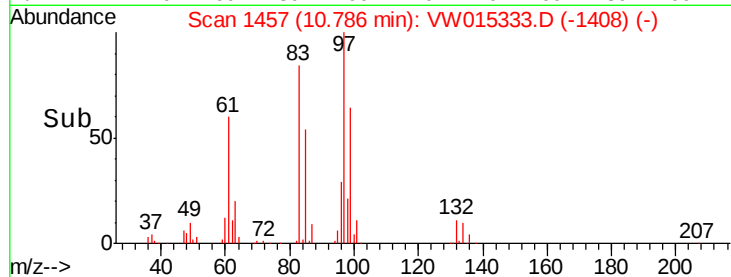
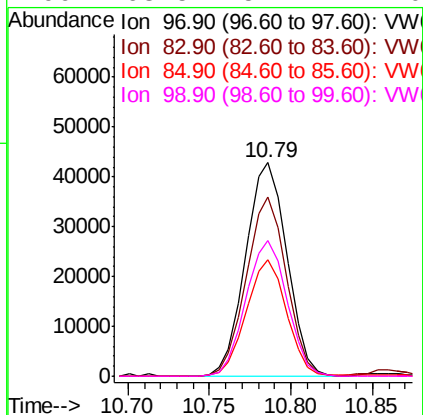
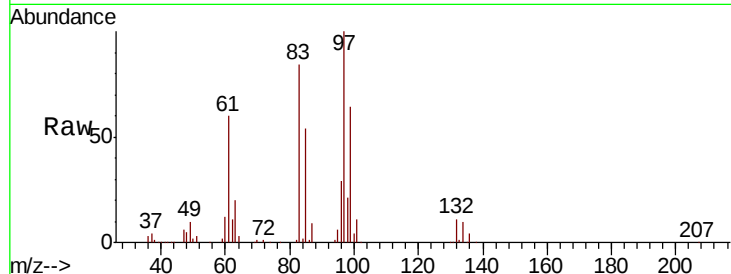
#55
 1,1,2-Trichloroethane
 Concen: 48.032 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	75959
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.3	100.9
85	54.3	43.8	65.8
99	63.5	51.4	77.0

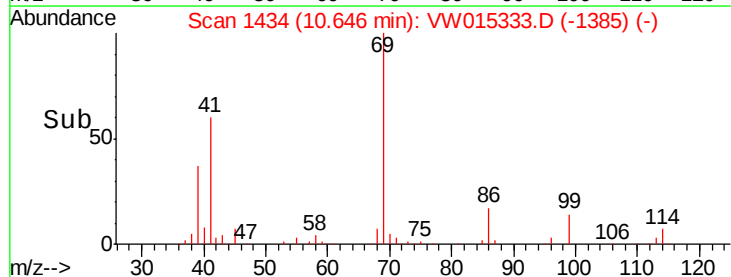
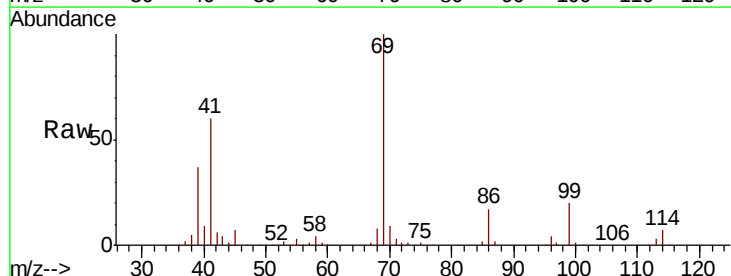
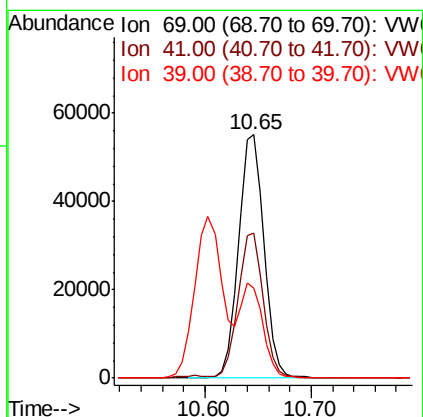
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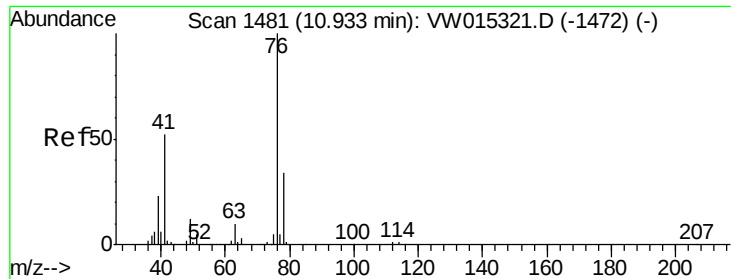
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#56
 Ethyl methacrylate
 Concen: 45.526 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Tgt Ion	69	Resp	92749
Ion	Ratio	Lower	Upper
69	100		
41	58.6	51.3	76.9
39	34.0	24.6	37.0





#57

1,3-Dichloropropane

Concen: 48.066 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 125914

Ion Ratio Lower Upper

76 100

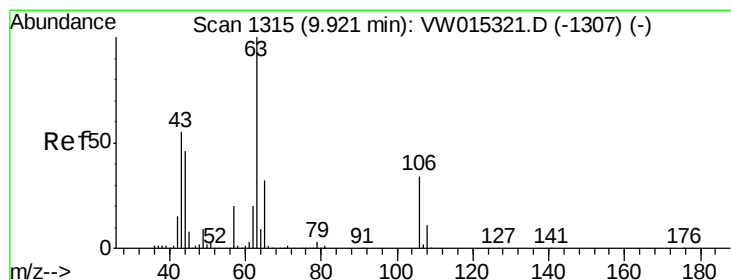
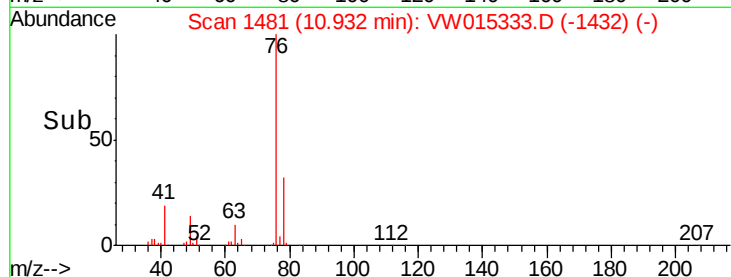
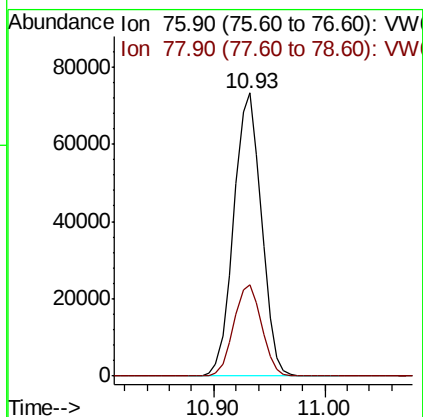
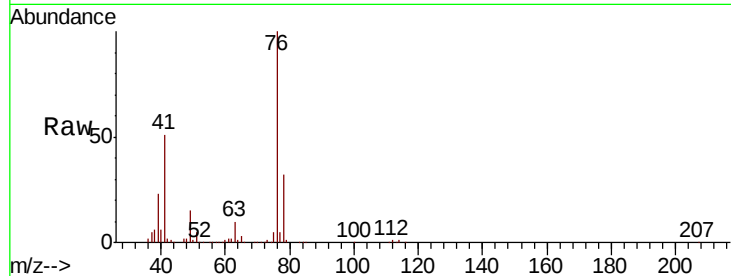
78 32.6 26.2 39.4

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#58

2-Chloroethyl Vinyl ether

Concen: 243.588 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW015333.D

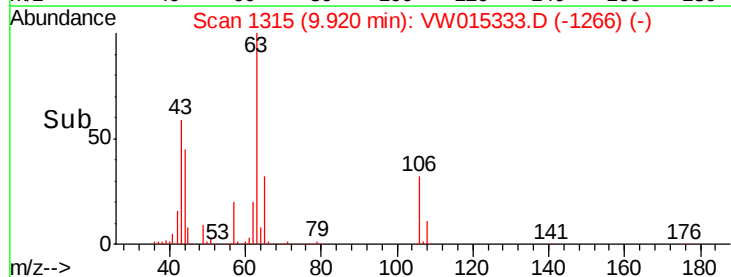
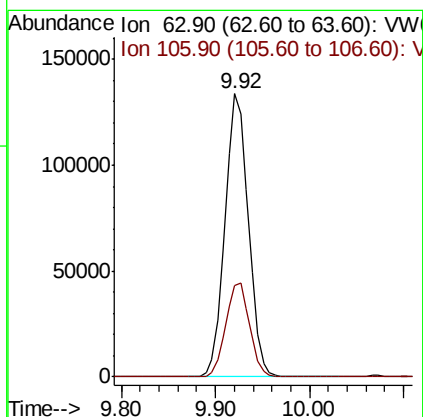
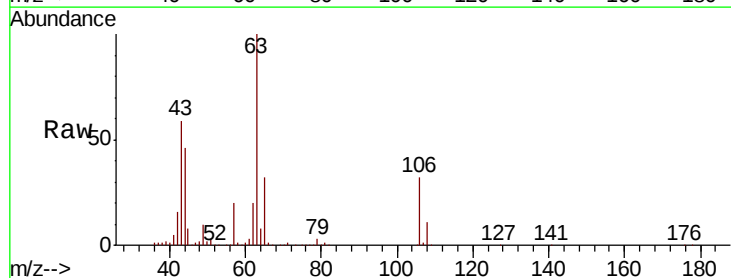
Acq: 24 Apr 2020 10:37

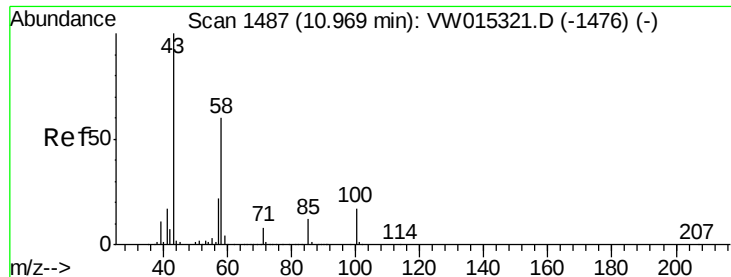
Tgt Ion: 63 Resp: 230073

Ion Ratio Lower Upper

63 100

106 33.9 22.6 33.8#





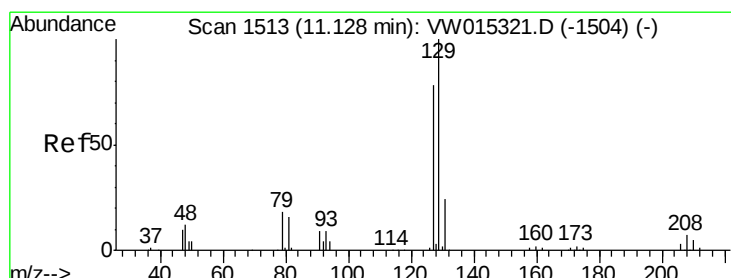
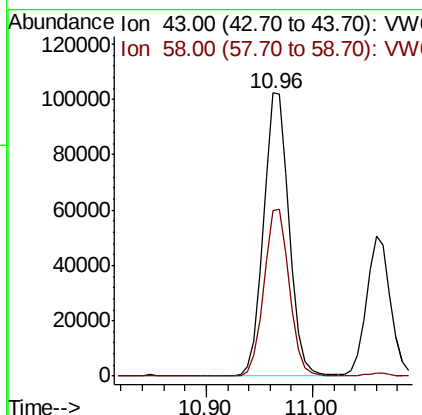
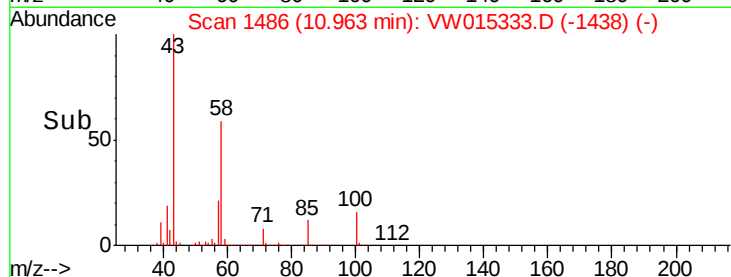
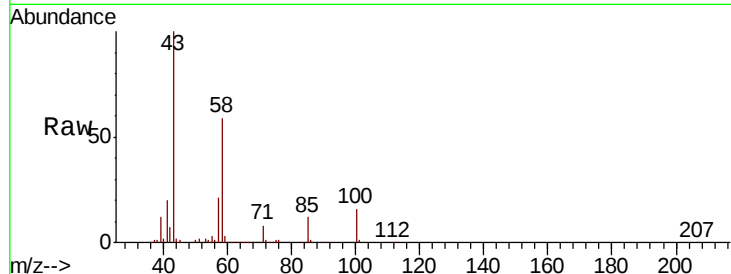
#59
2-Hexanone
Concen: 239.214 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 171485
Ion Ratio Lower Upper
43 100
58 58.7 28.1 84.3

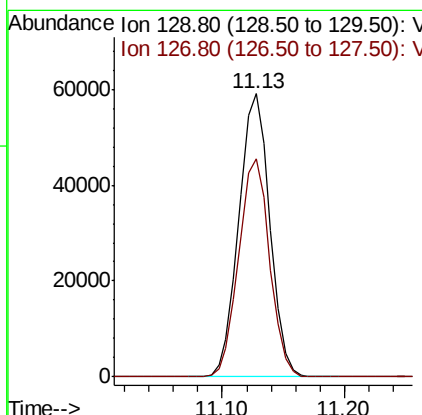
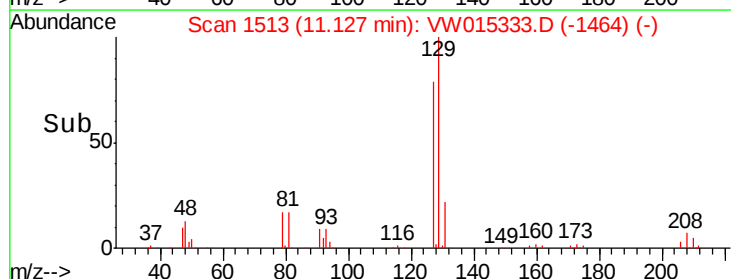
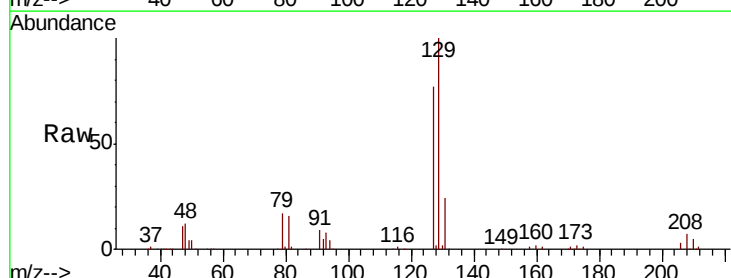
Manual Integrations
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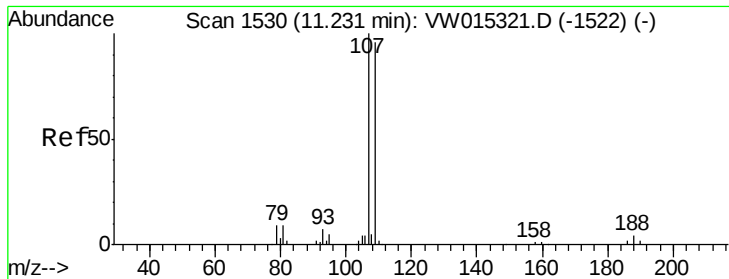
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#60
Dibromochloromethane
Concen: 49.672 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion: 129 Resp: 103717
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.8





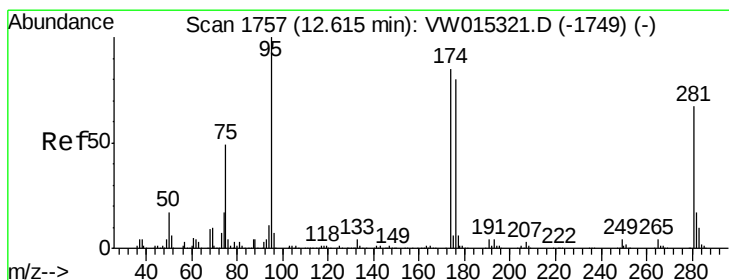
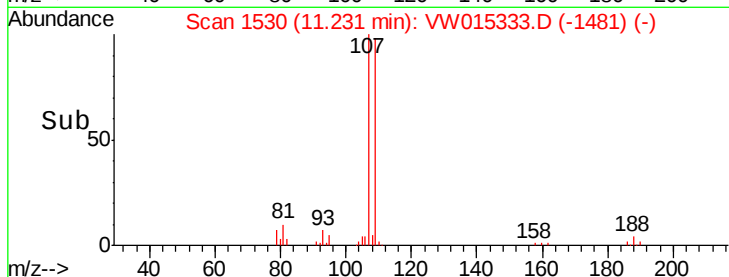
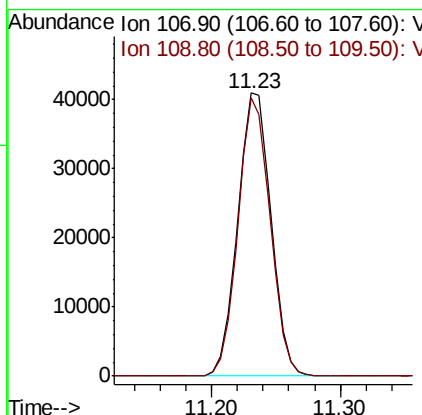
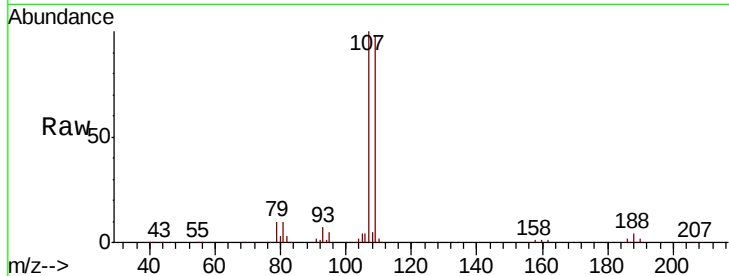
#61
 1,2-Dibromoethane
 Concen: 47.366 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	74.3	111.5

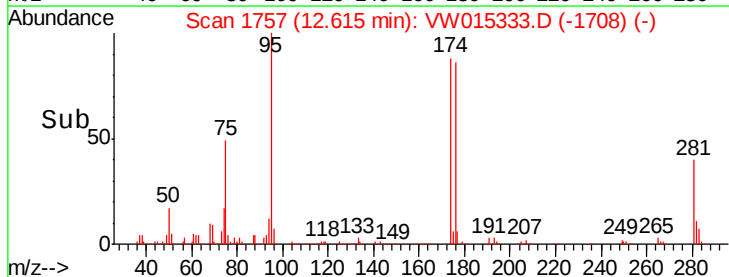
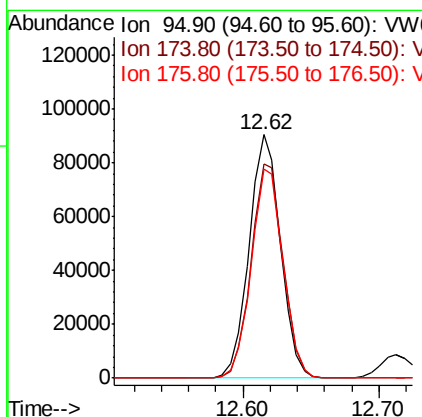
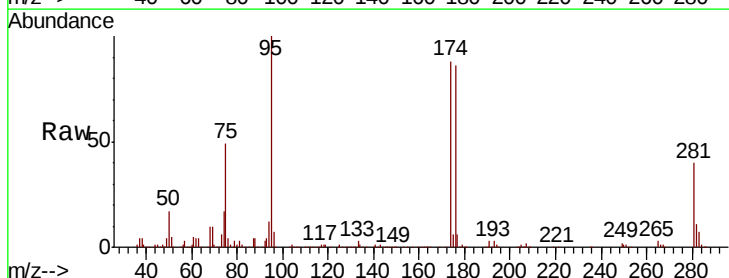
Manual Integrations
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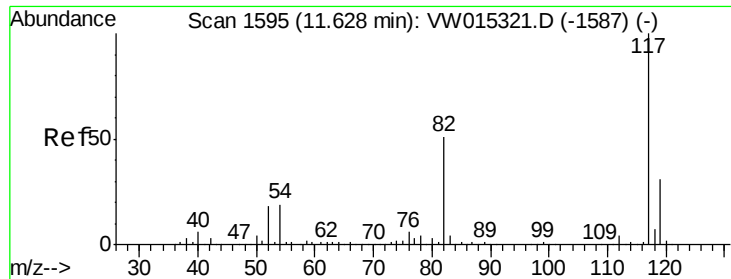
apatel
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#62
 4-Bromofluorobenzene
 Concen: 47.198 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	144.4
176	87.1	0.0	140.6





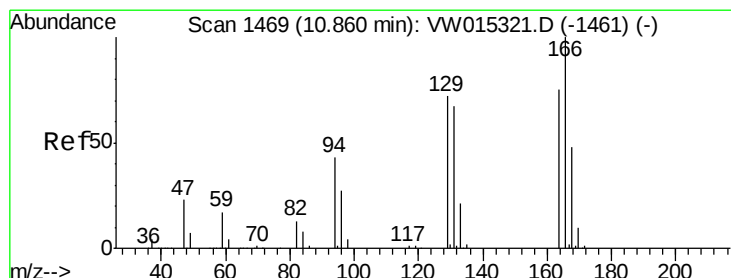
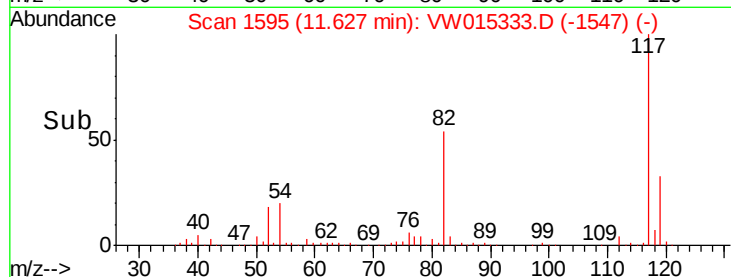
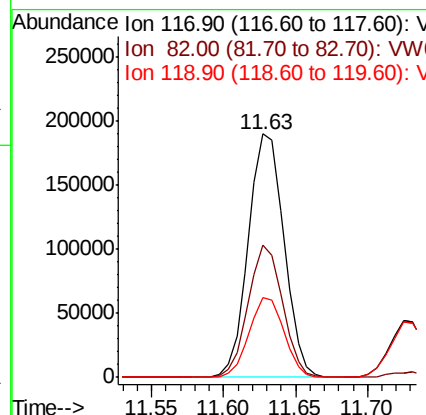
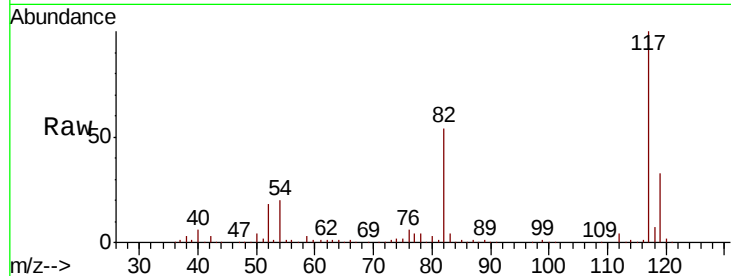
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.1	66.1
119	33.0	24.9	37.3

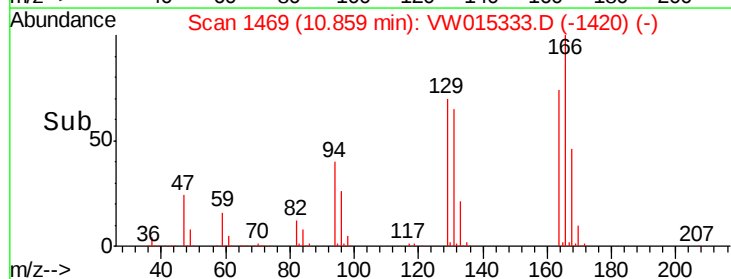
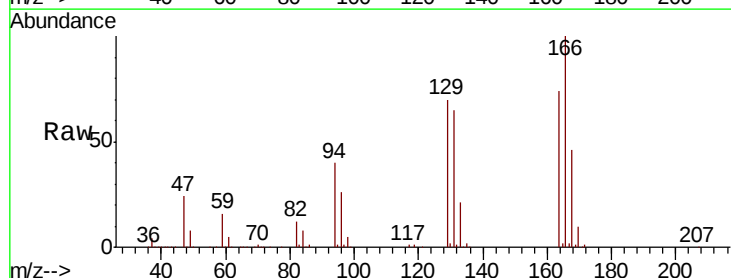
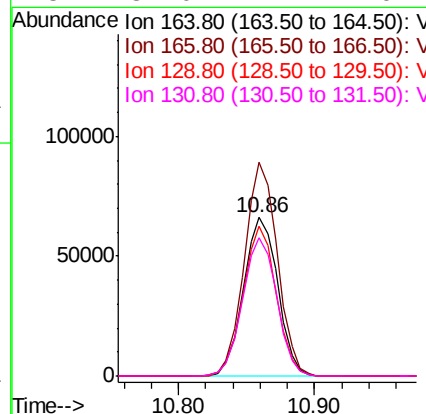
Manual Integrations
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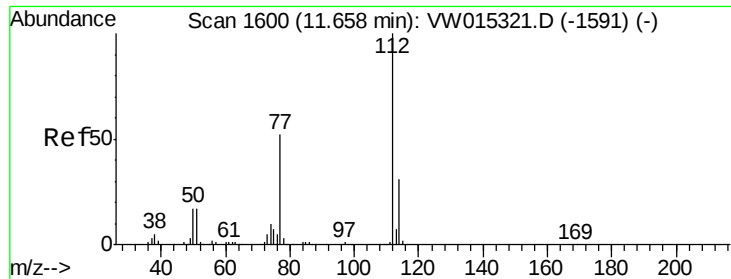
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#64
Tetrachloroethene
Concen: 50.106 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.7	102.6	154.0
129	94.4	80.2	120.2
131	87.0	77.4	116.2





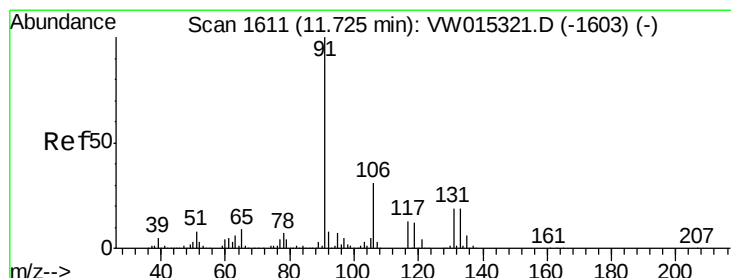
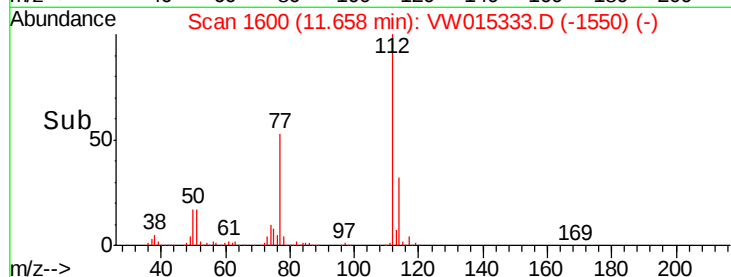
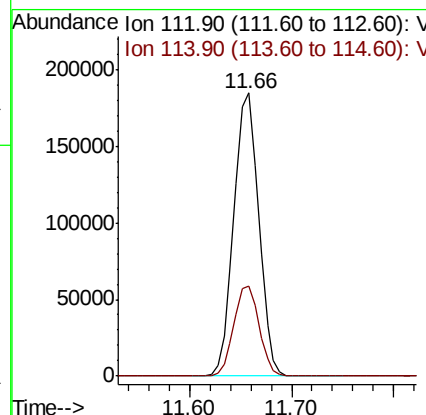
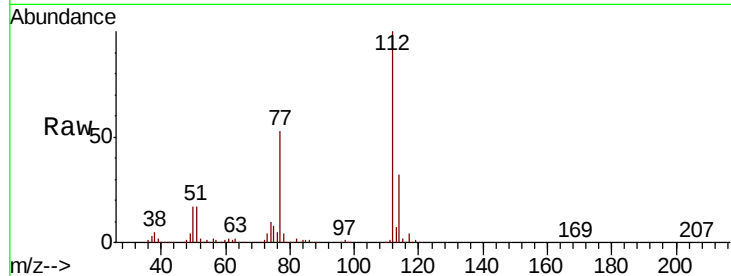
#65
Chlorobenzene
Concen: 48.827 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	311952		
114	32.1	25.8	38.6	

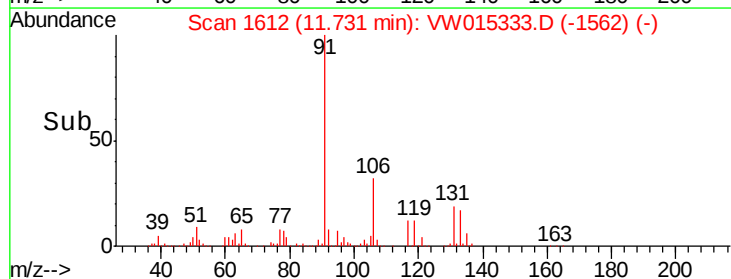
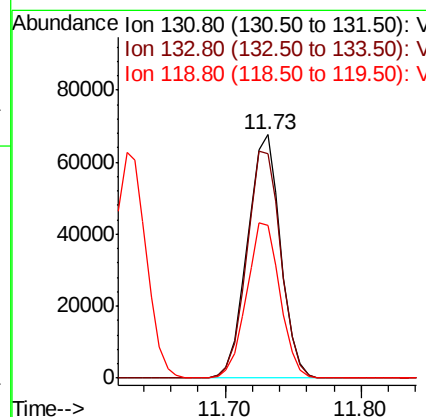
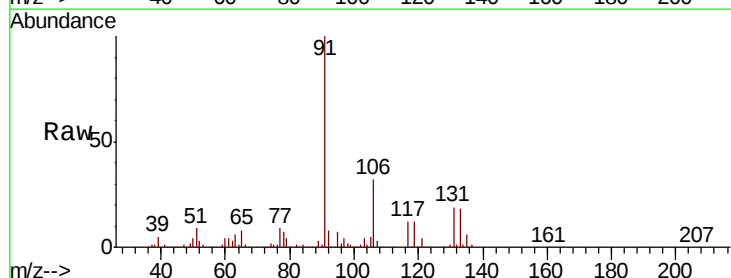
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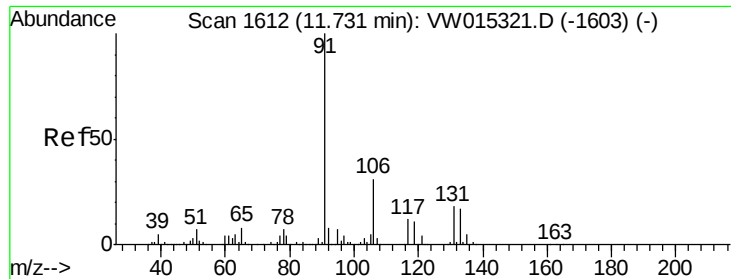
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.086 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	115011		
133	95.8	47.7	143.1	
119	64.5	34.0	101.8	





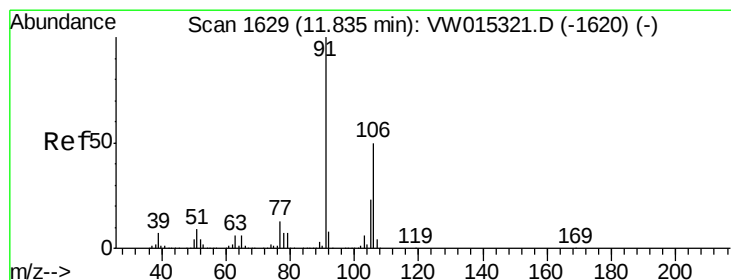
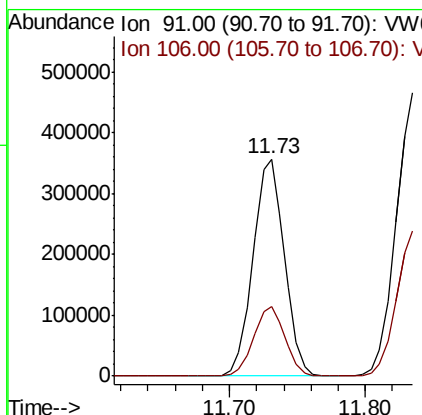
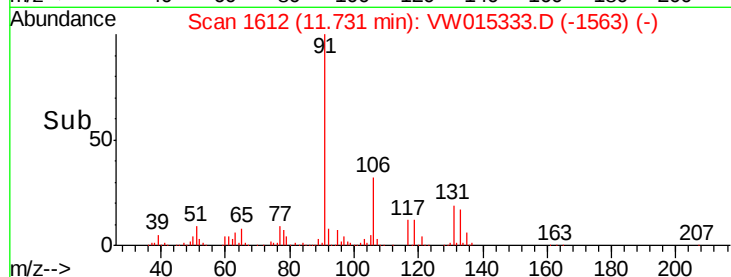
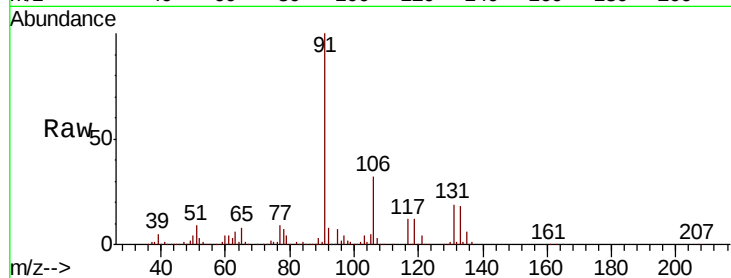
#67
Ethyl Benzene
Concen: 48.547 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 578420
Ion Ratio Lower Upper
91 100
106 32.3 25.7 38.5

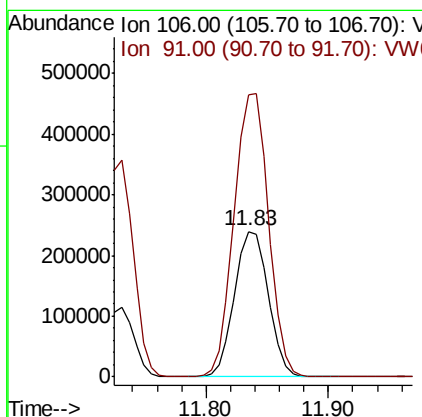
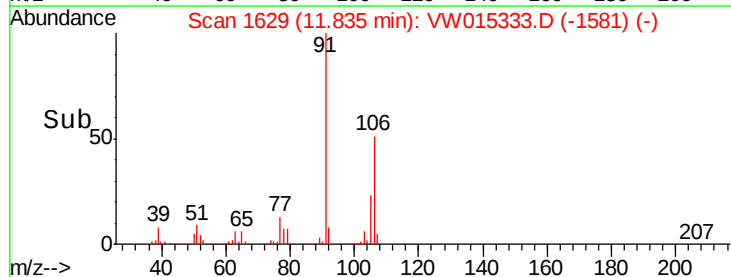
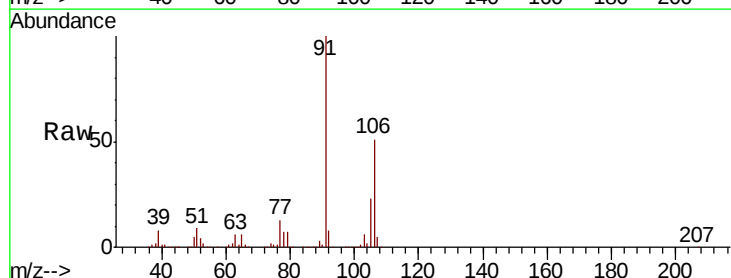
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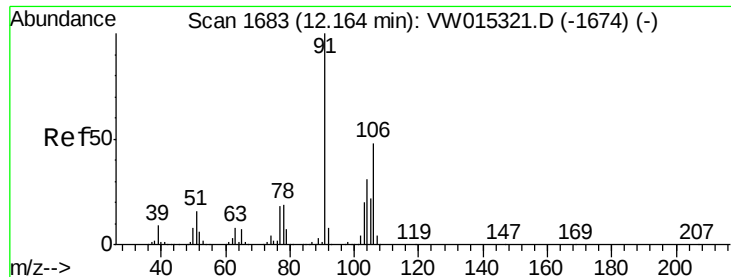
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#68
m/p-Xylenes
Concen: 98.629 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion: 106 Resp: 460620
Ion Ratio Lower Upper
106 100
91 197.9 160.0 240.0





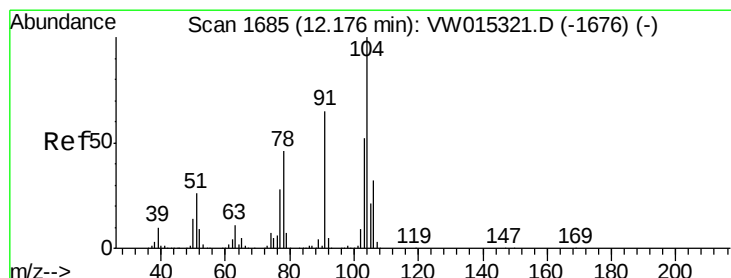
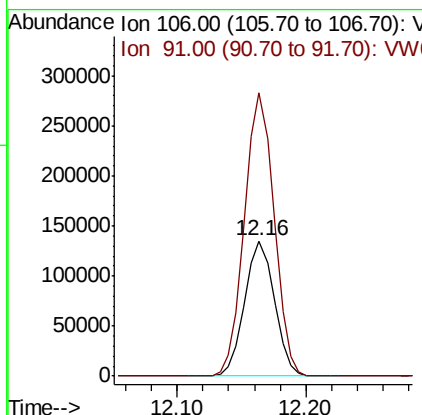
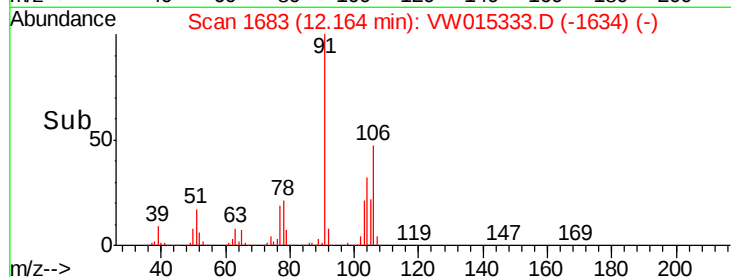
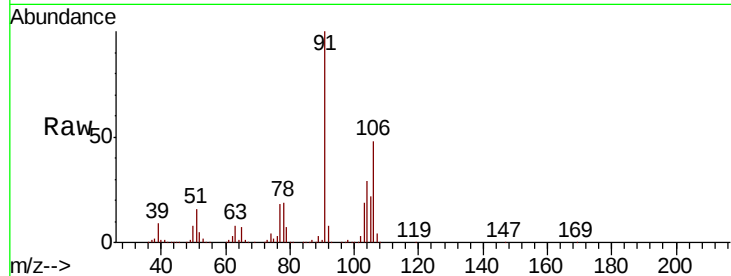
#69
o-Xylene
Concen: 49.265 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.9	105.7	317.1

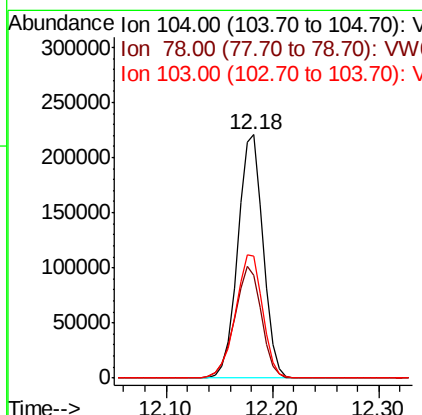
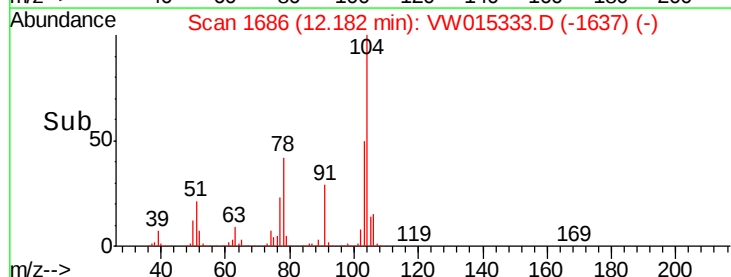
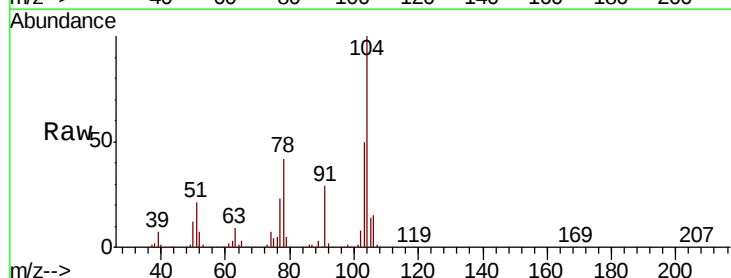
Manual Integrations
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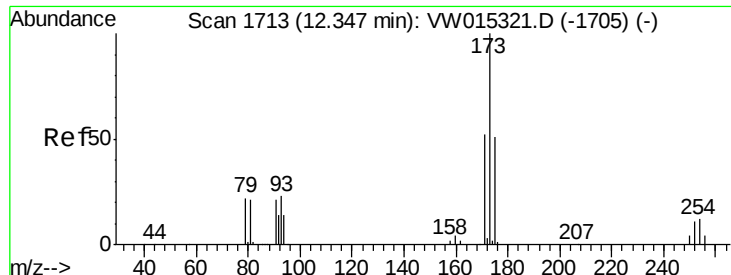
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#70
Styrene
Concen: 49.352 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.0	39.8	59.6
103	54.6	43.8	65.6





#71

Bromoform

Concen: 48.969 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

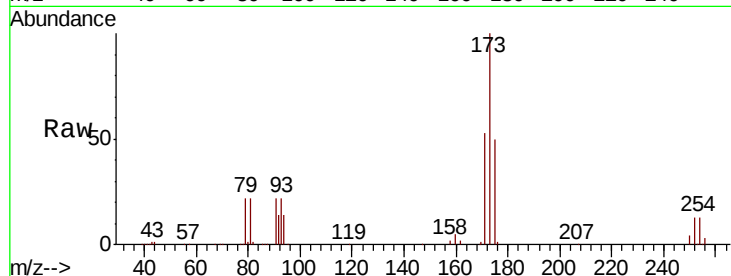
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
173	100			
175	49.2	25.1	75.4	
254	0.1	0.1	0.1	

Manual Integrations
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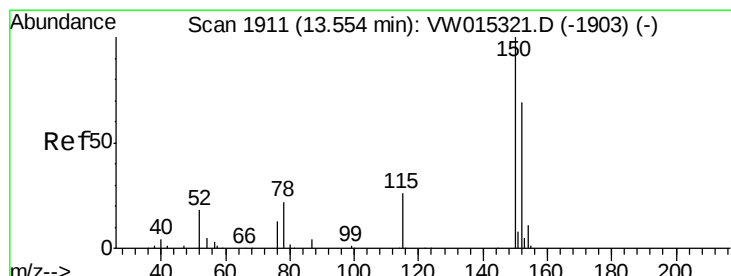
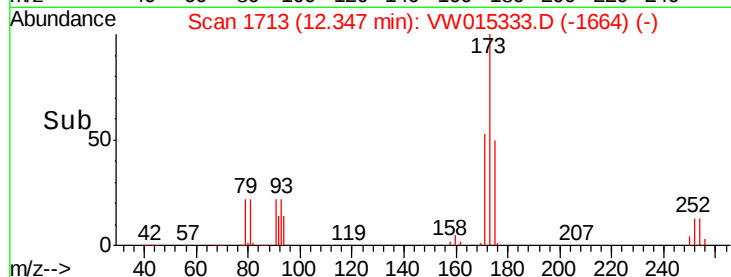
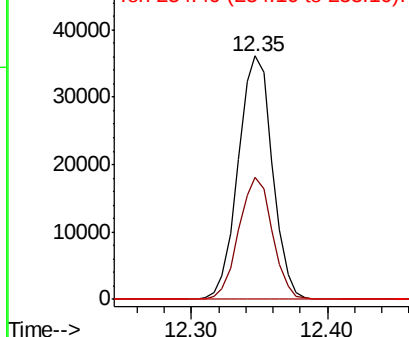


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

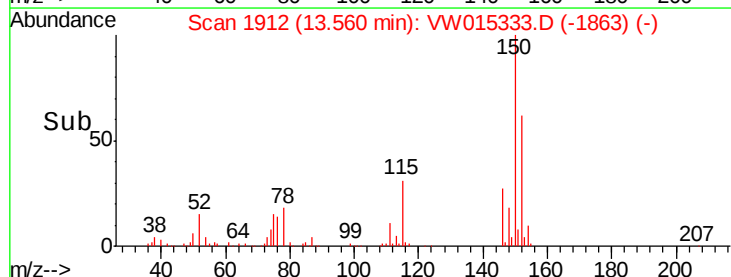
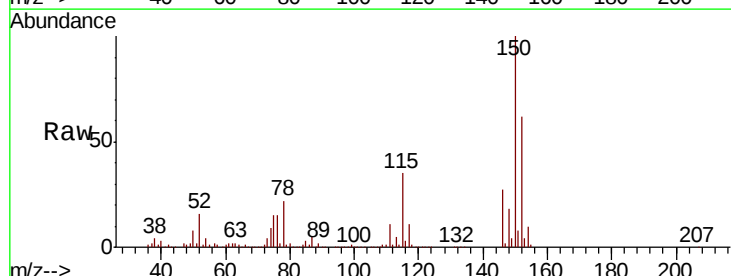
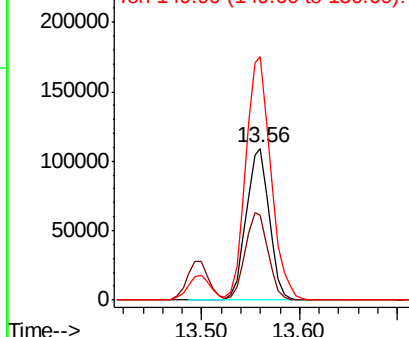
Tgt Ion	Ion	Ratio	Lower	Upper
152	100			
115	57.5	31.3	93.9	
150	174.9	0.0	343.4	

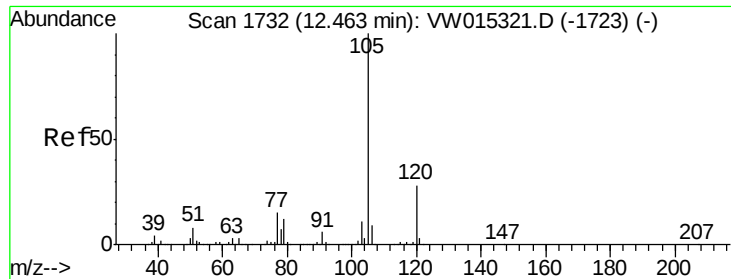
Abundance

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: 48.775 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 600741

Ion Ratio Lower Upper

105 100

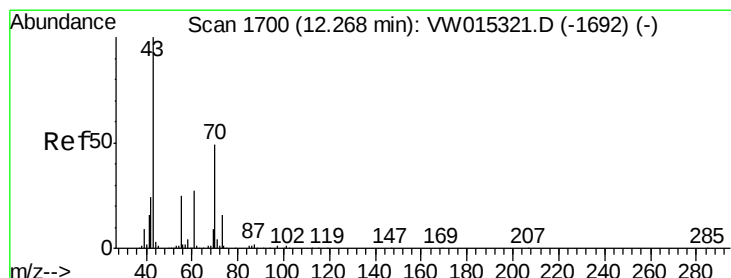
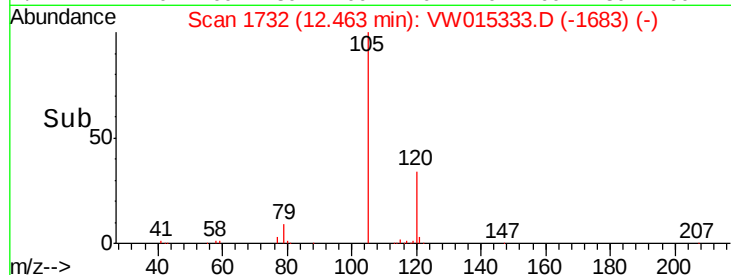
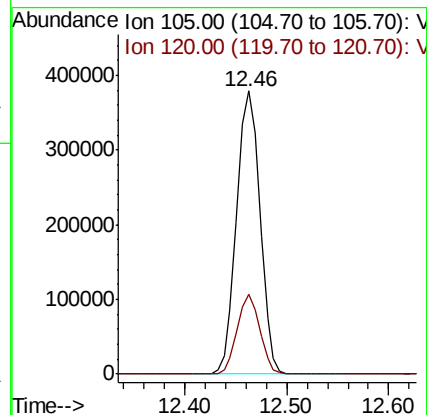
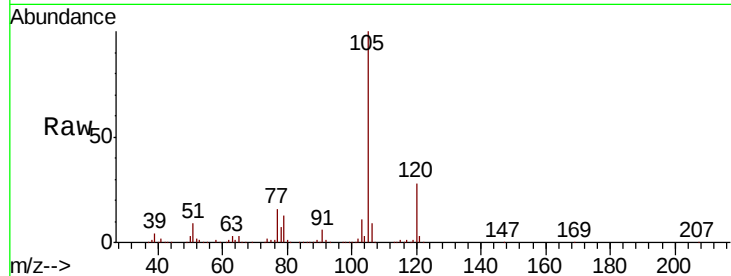
120 27.3 13.7 41.1

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#74

N-ethyl acetate

Concen: 44.277 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Tgt Ion: 43 Resp: 94874

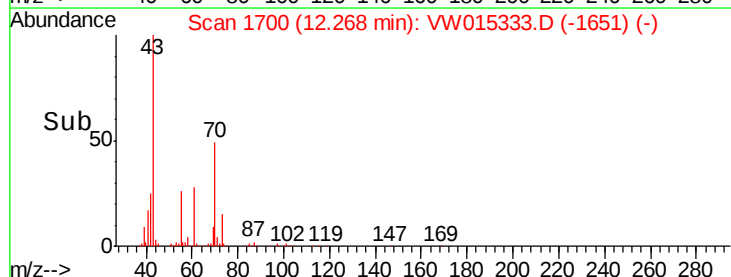
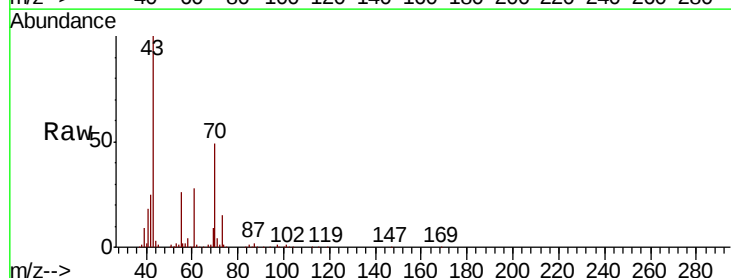
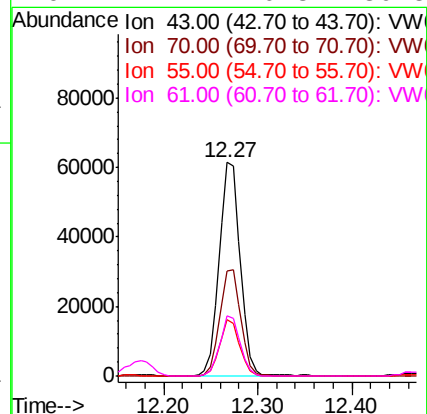
Ion Ratio Lower Upper

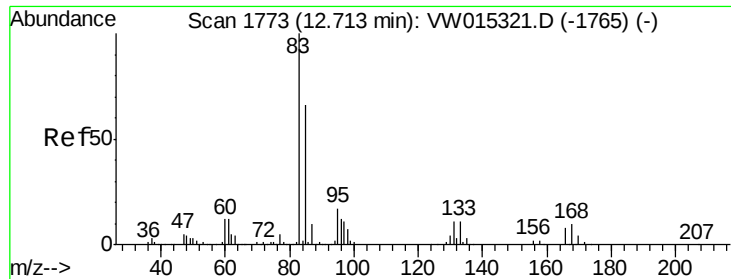
43 100

70 50.1 35.4 53.2

55 25.2 18.5 27.7

61 27.2 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 45.340 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

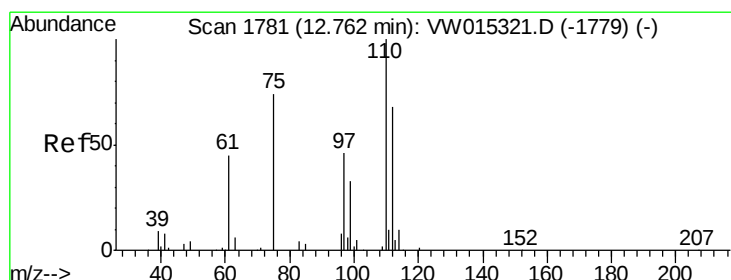
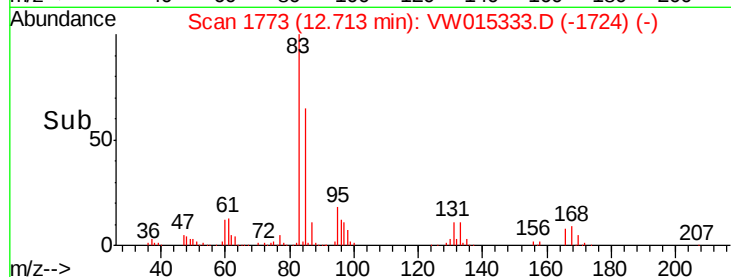
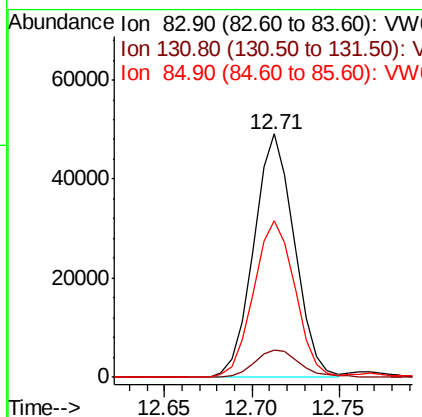
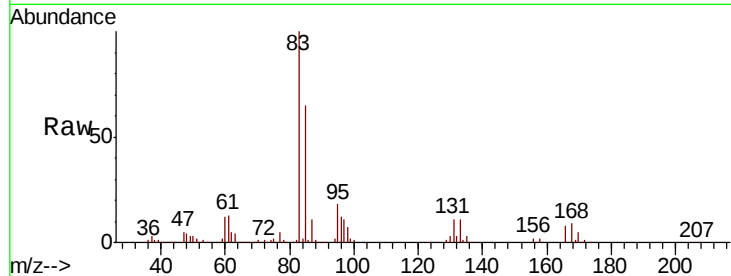
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	79287
Ion Ratio	Lower	Upper	
83	100		
131	12.7	5.1	15.2
85	65.5	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 44.913 ug/l m

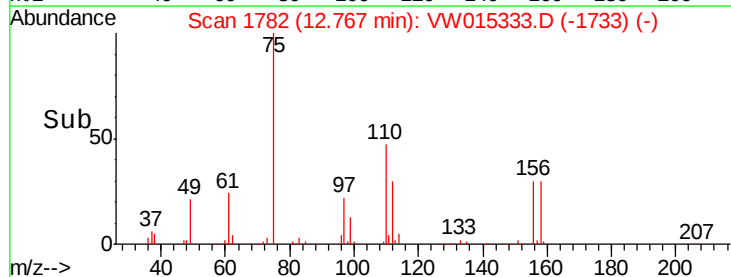
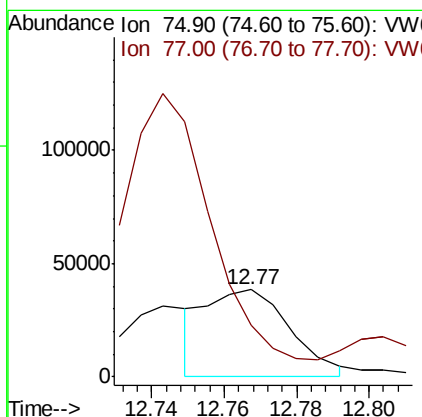
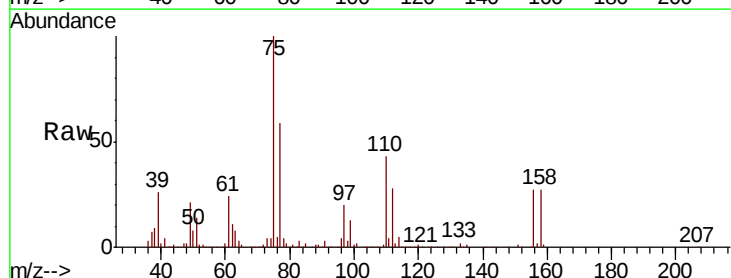
RT: 12.77 min Scan# 1782

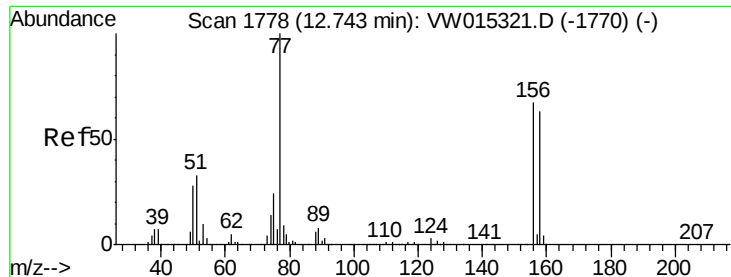
Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Tgt Ion:	75	Resp:	61721
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.075 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

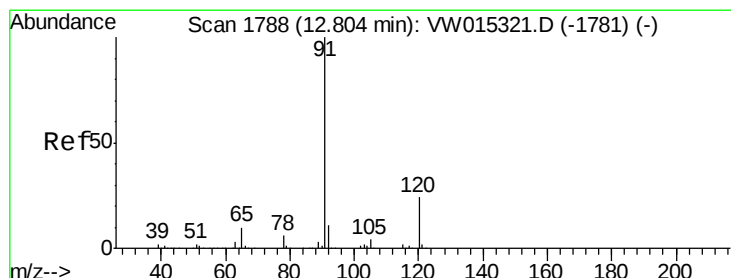
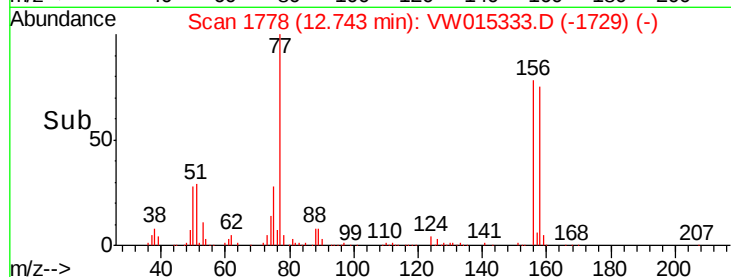
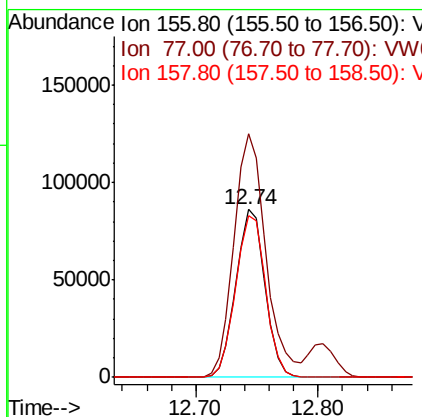
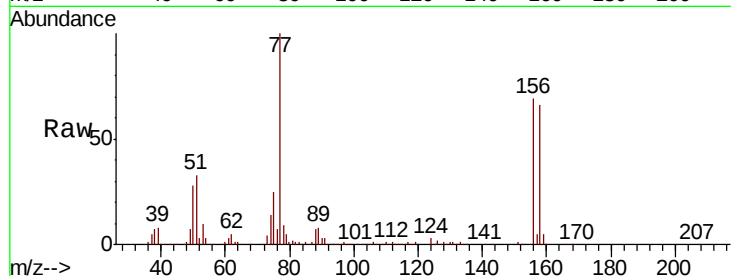
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	160.1	100.5	301.5	
158	98.5	47.9	143.8	

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#78

n-propylbenzene

Concen: 47.913 ug/l

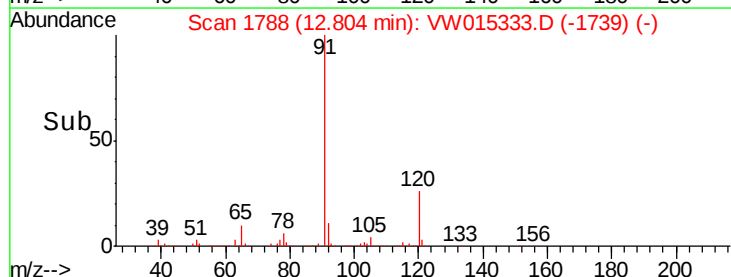
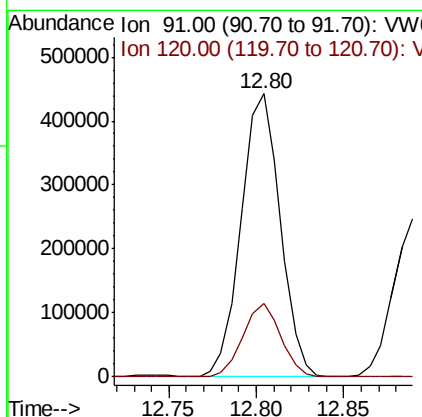
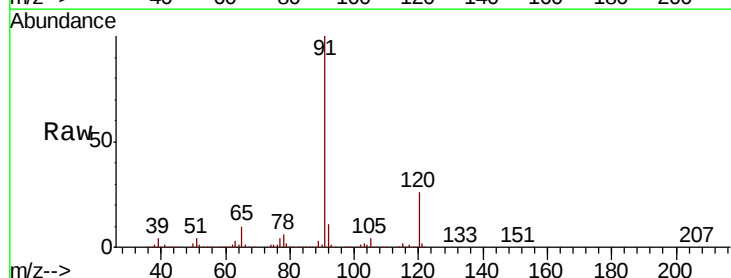
RT: 12.80 min Scan# 1788

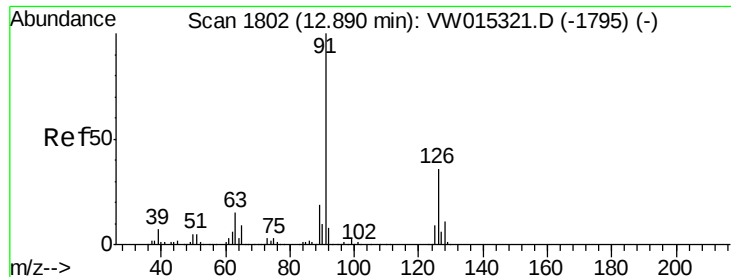
Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	25.2	11.4	34.1	





#79

2-Chlorotoluene

Concen: 48.803 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 394407

Ion Ratio Lower Upper

91 100

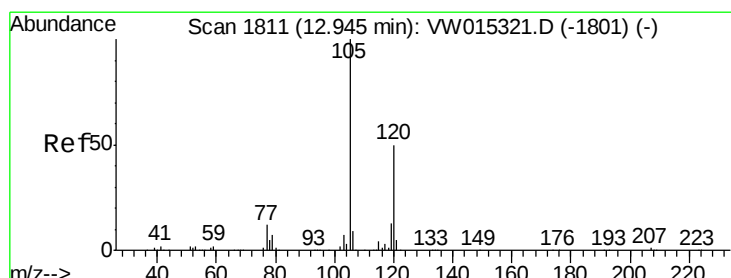
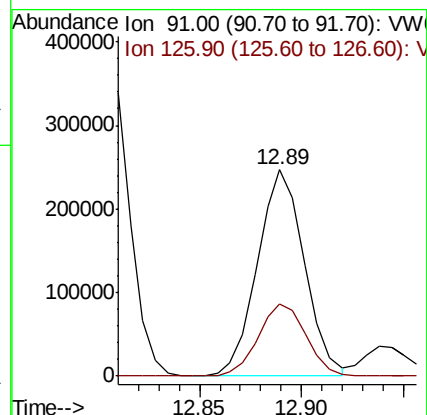
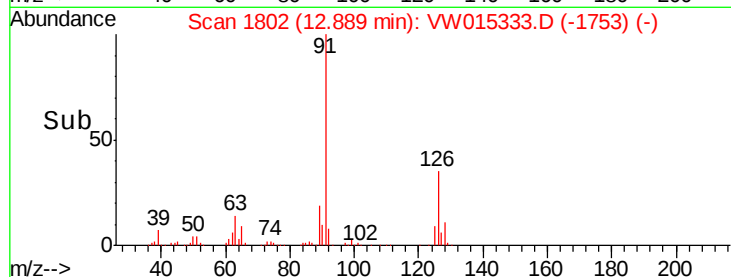
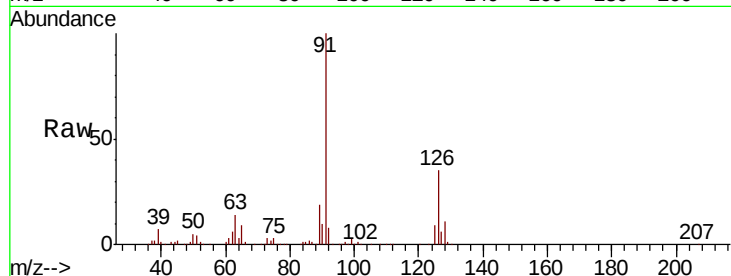
126 36.0 16.8 50.4

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#80

1,3,5-Trimethylbenzene

Concen: 48.605 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015333.D

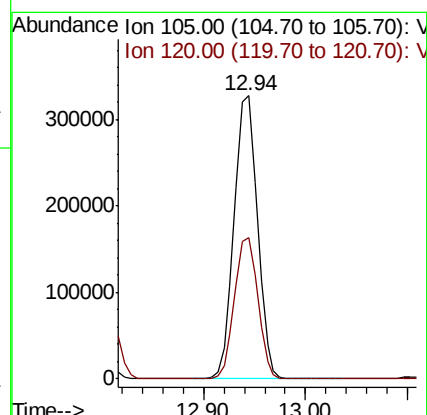
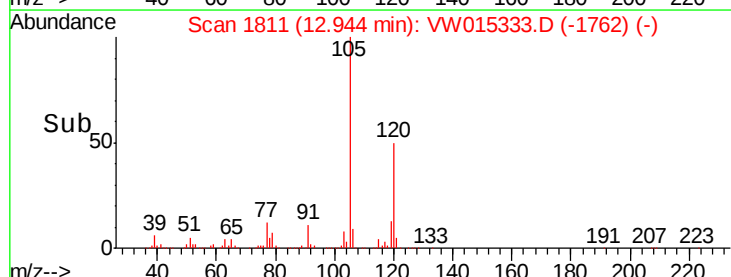
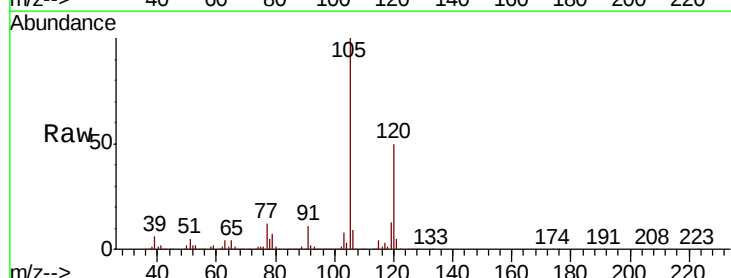
Acq: 24 Apr 2020 10:37

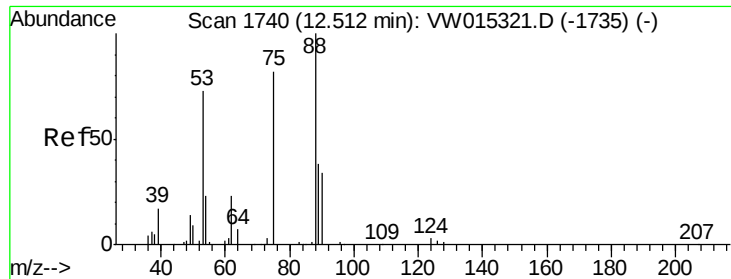
Tgt Ion:105 Resp: 515686

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.8





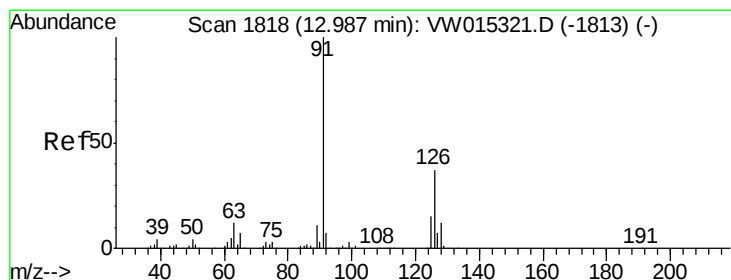
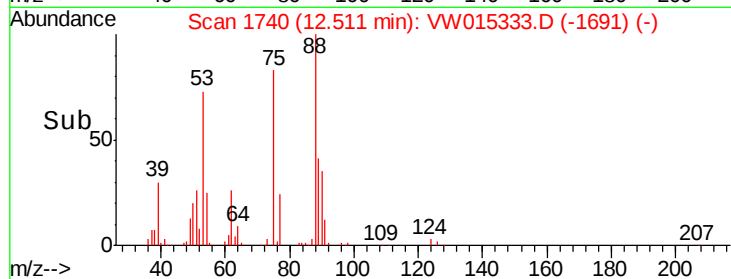
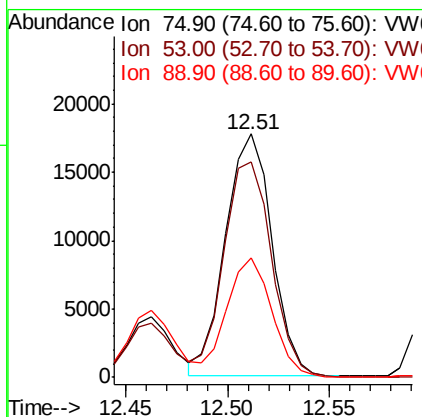
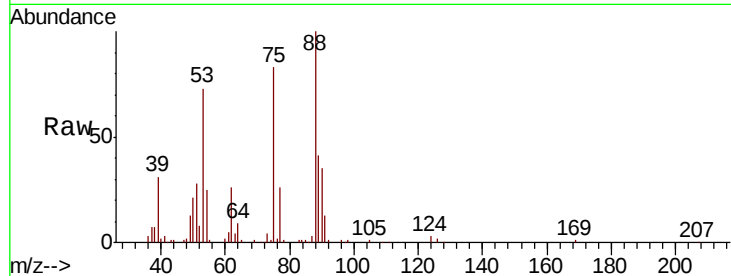
#81
trans-1,4-Dichloro-2-butene
Concen: 44.659 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.2	69.4	104.2
89	47.5	34.8	52.2

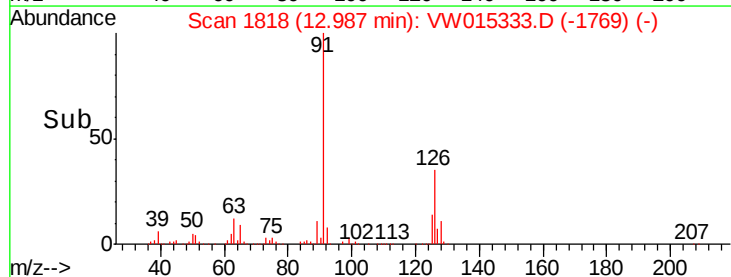
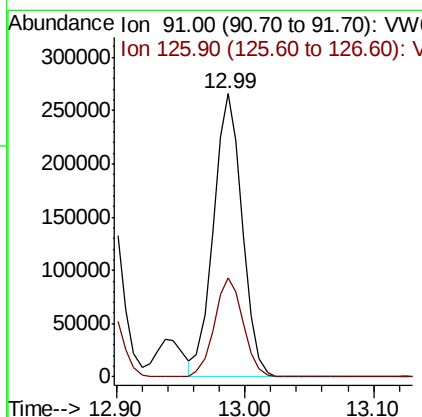
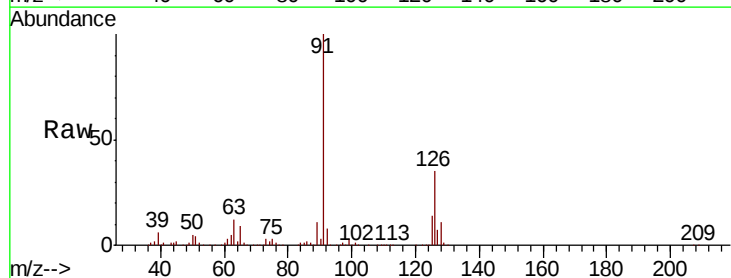
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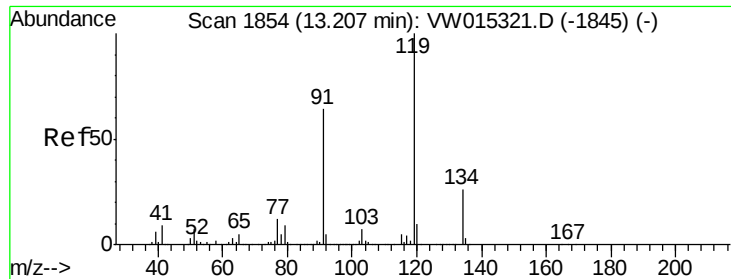
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#82
4-Chlorotoluene
Concen: 48.477 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	16.8	50.3





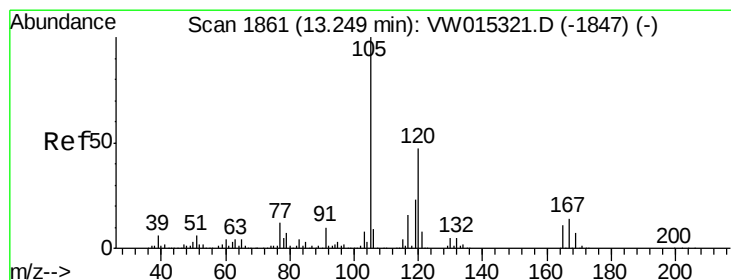
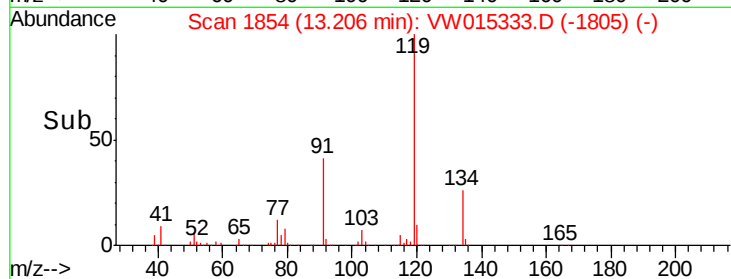
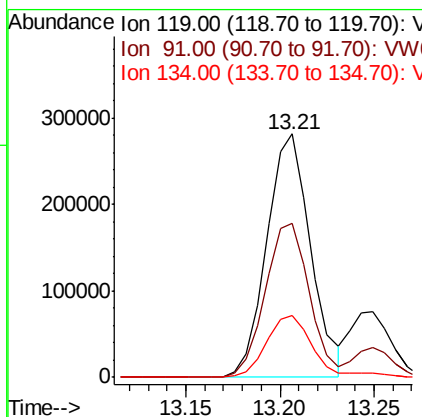
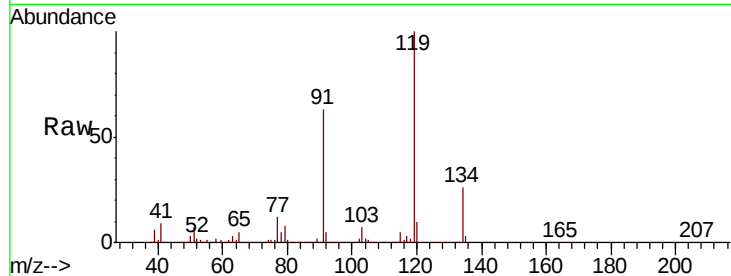
#83
tert-Butylbenzene
Concen: 49.187 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	456111		
91	63.6	32.8	98.3	
134	27.3	13.3	39.9	

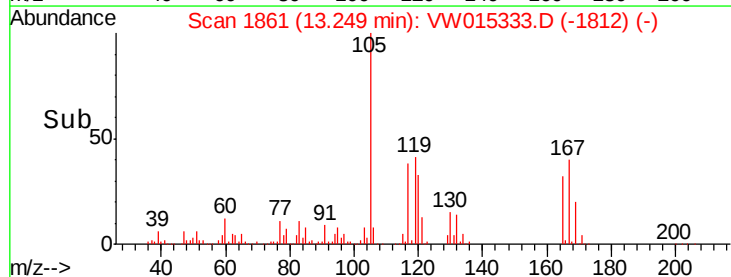
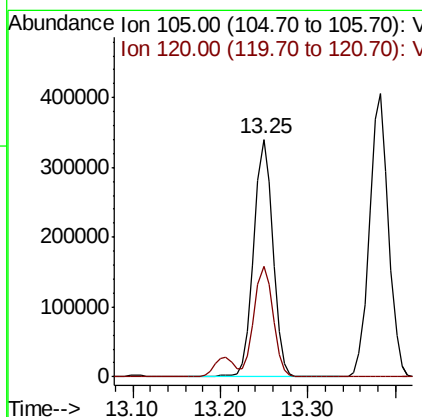
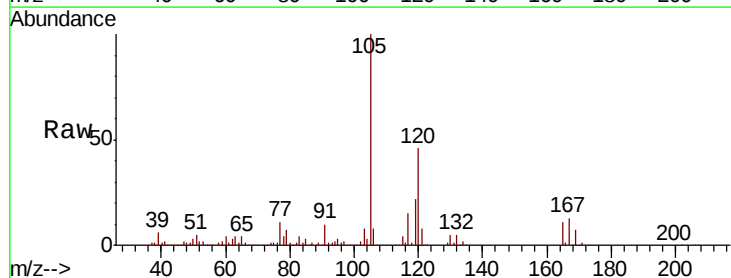
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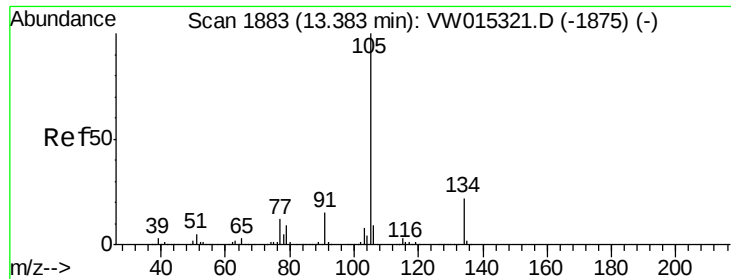
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#84
1,2,4-Trimethylbenzene
Concen: 49.098 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	513789		
120	46.3	23.0	69.0	





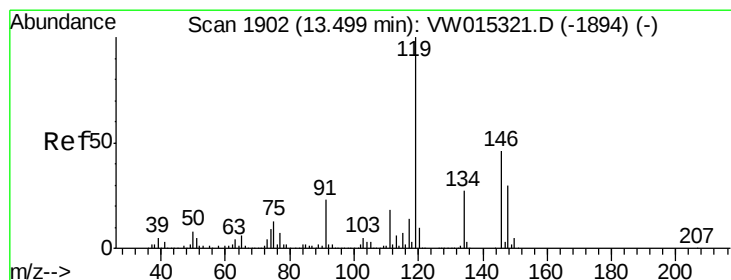
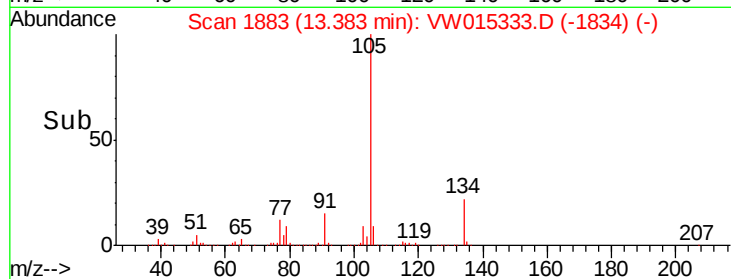
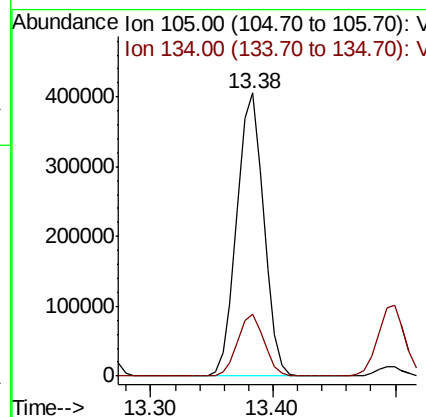
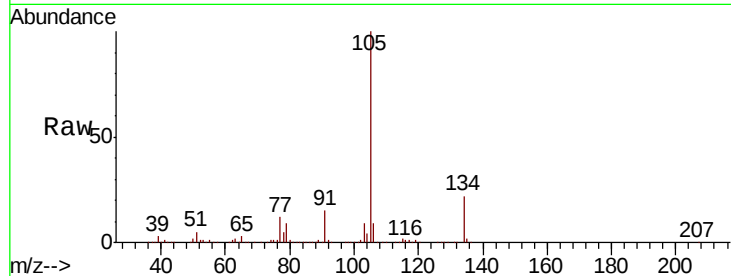
#85
 sec-Butylbenzene
 Concen: 48.098 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.5	10.1	30.1

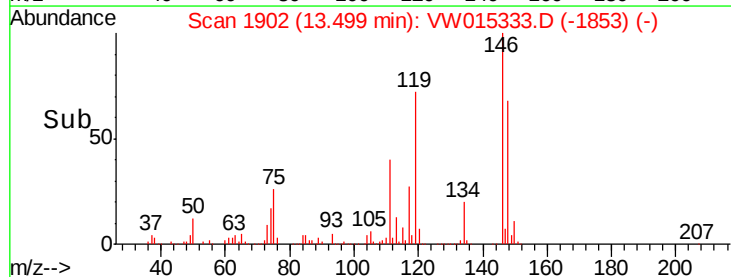
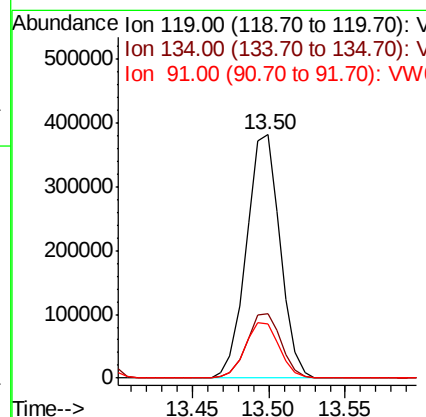
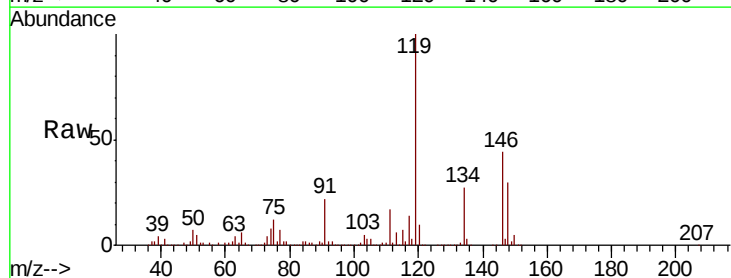
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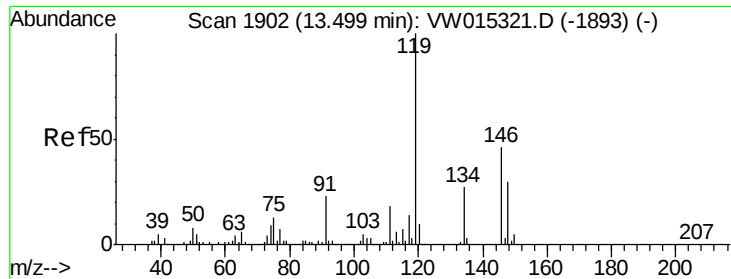
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#86
 p-Isopropyltoluene
 Concen: 48.833 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.3	39.9
91	23.1	12.0	36.1





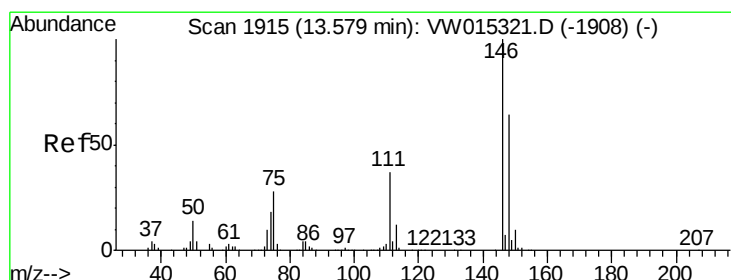
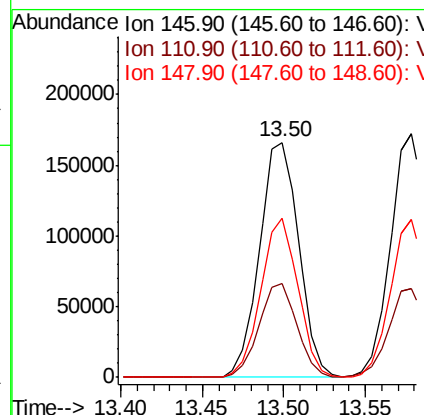
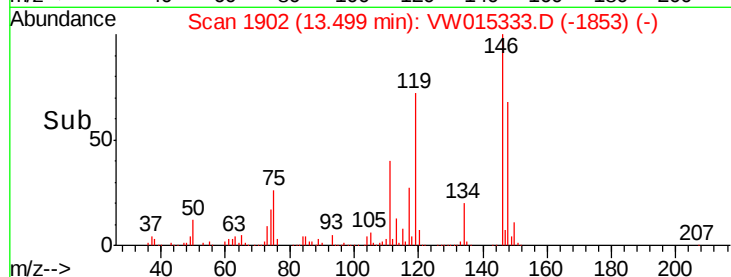
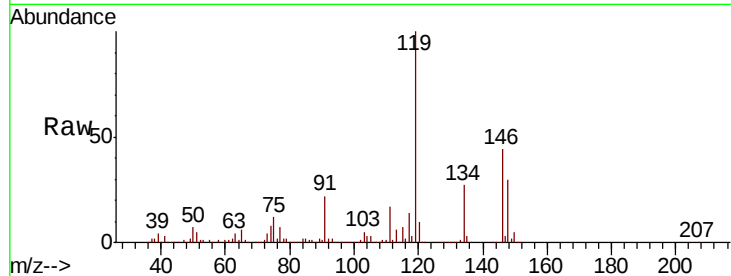
#87
 1,3-Dichlorobenzene
 Concen: 49.543 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	278553		
111	38.6	21.1	63.4	
148	64.3	31.8	95.3	

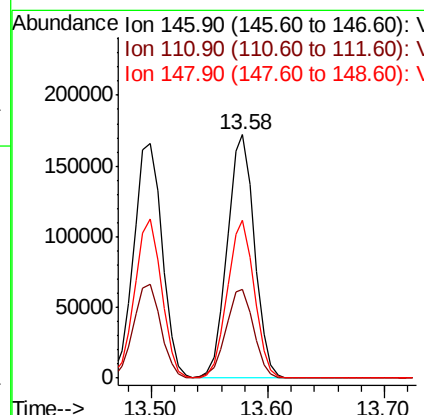
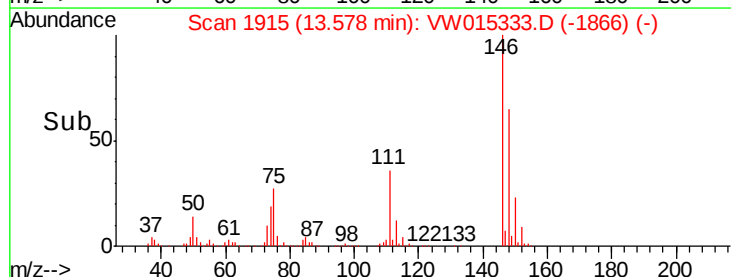
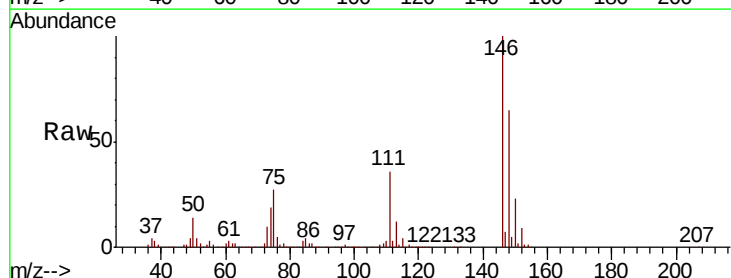
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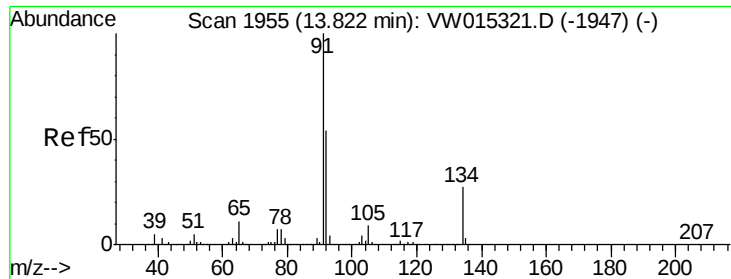
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#88
 1,4-Dichlorobenzene
 Concen: 50.259 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	276997		
111	37.1	20.4	61.3	
148	64.3	31.5	94.5	





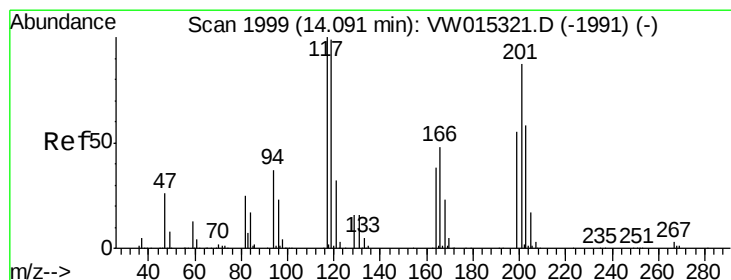
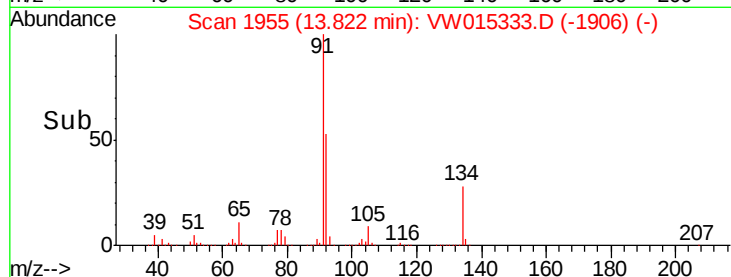
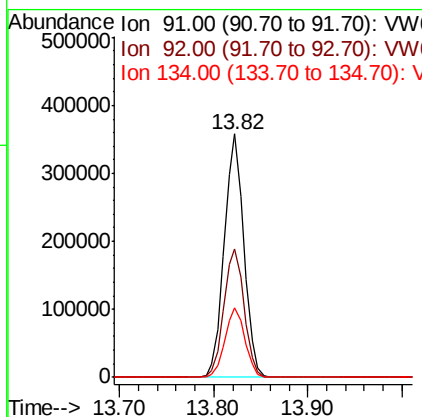
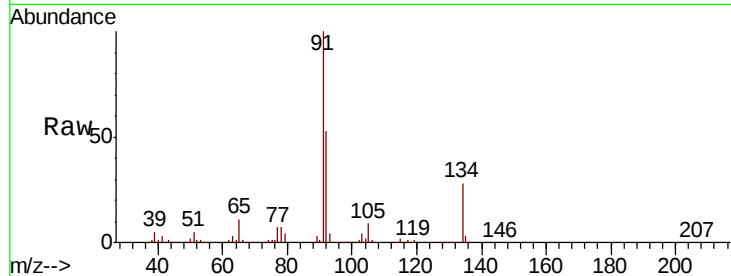
#89
n-Butylbenzene
Concen: 47.434 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.6	82.7
134	29.0	12.8	38.3

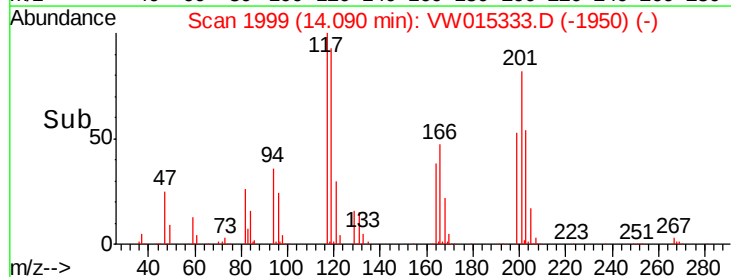
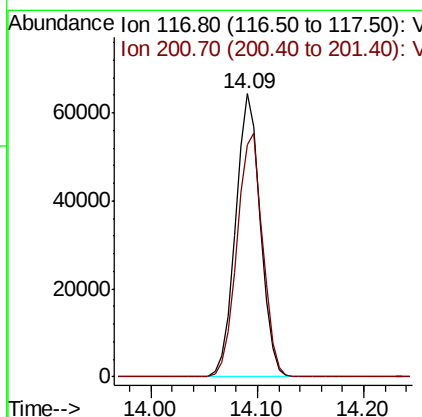
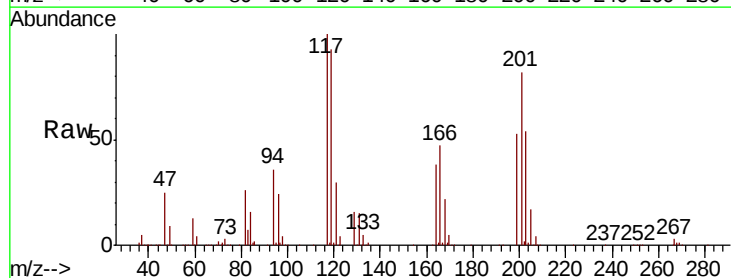
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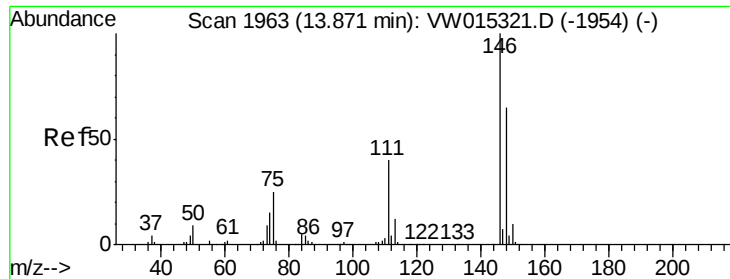
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#90
Hexachloroethane
Concen: 48.148 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.1	33.6	100.6





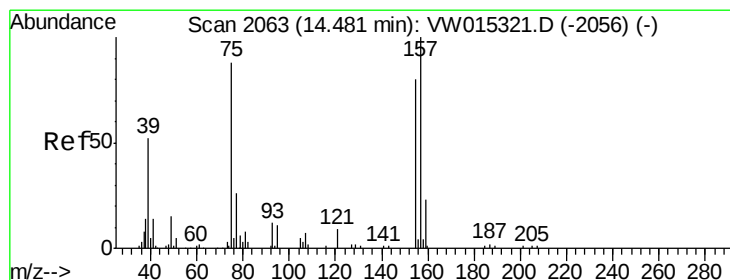
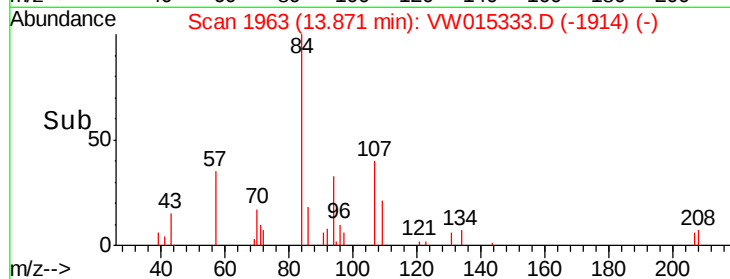
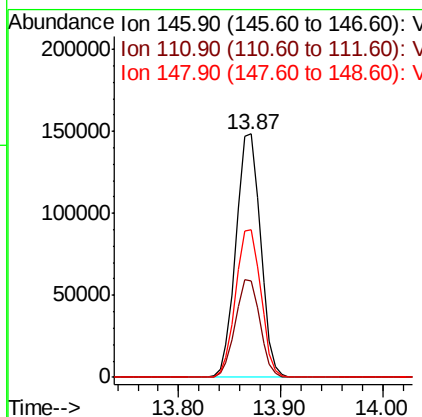
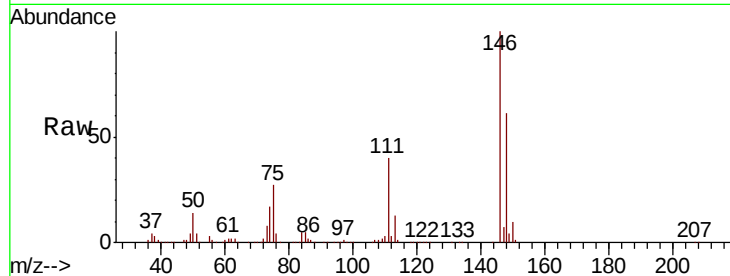
#91
 1,2-Dichlorobenzene
 Concen: 50.498 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	21.6	65.0
148	62.3	31.0	93.0

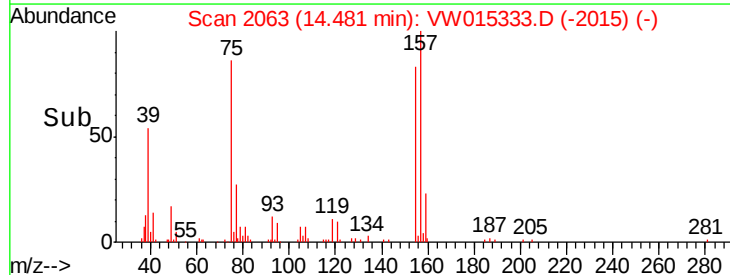
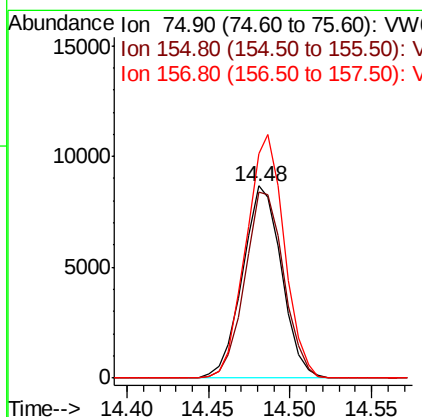
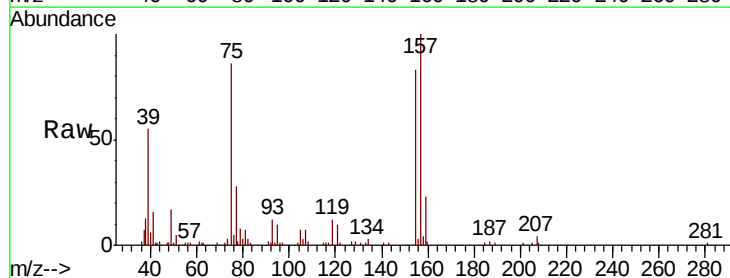
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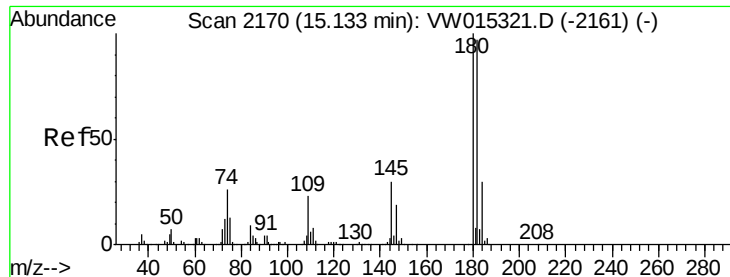
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.664 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.6	41.6	124.9
157	123.7	53.8	161.2





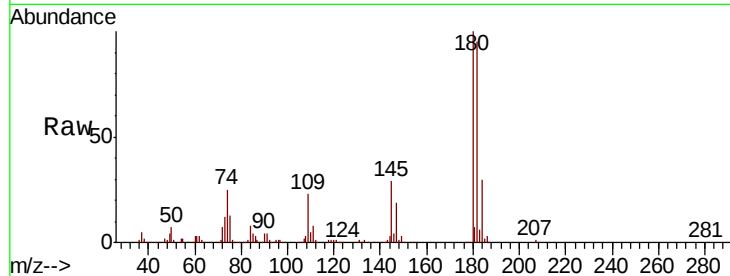
#93
 1,2,4-Trichlorobenzene
 Concen: 48.577 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

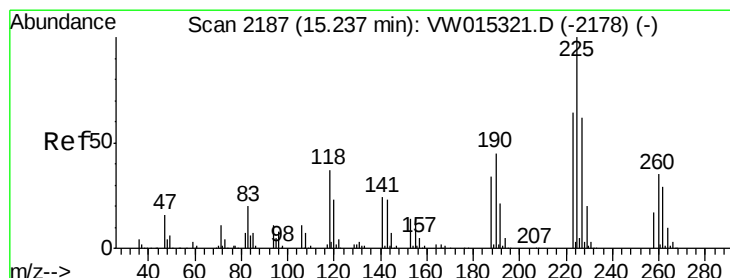
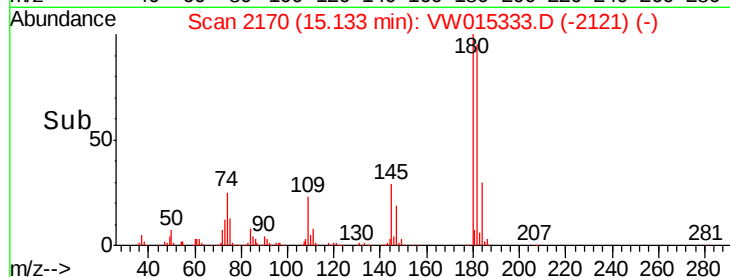
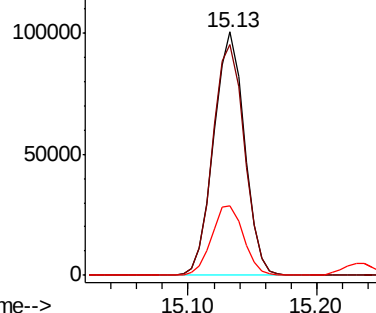
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	98.2	47.1	141.4	
145	29.7	16.2	48.6	

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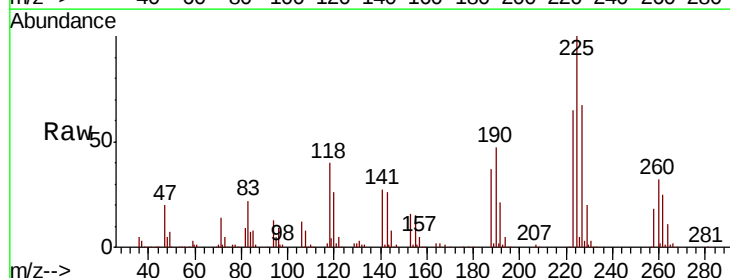


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

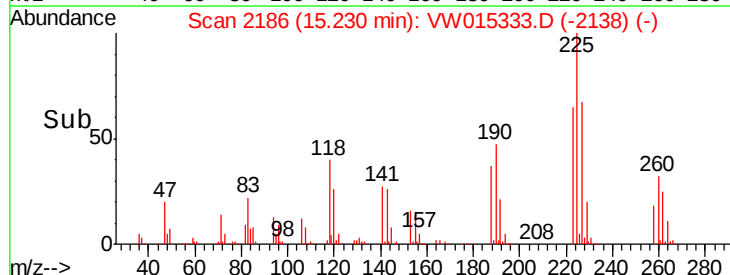
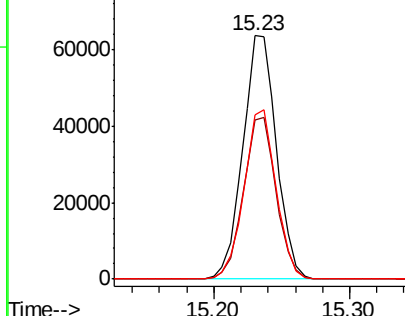


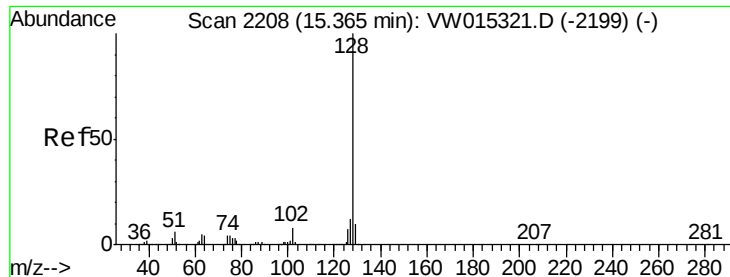
#94
 Hexachlorobutadiene
 Concen: 48.564 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.6	31.0	93.0	
227	66.4	30.8	92.3	



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





#95

Naphthalene

Concen: 48.711 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

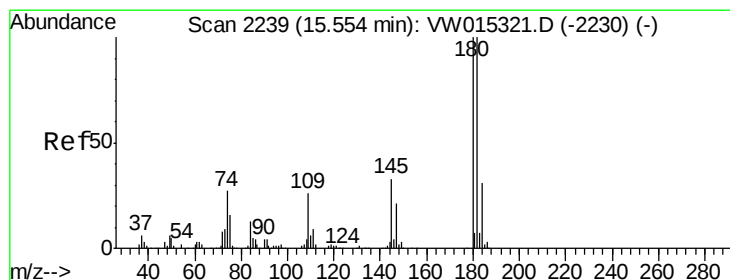
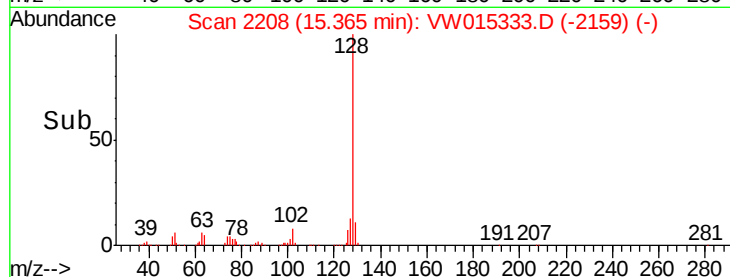
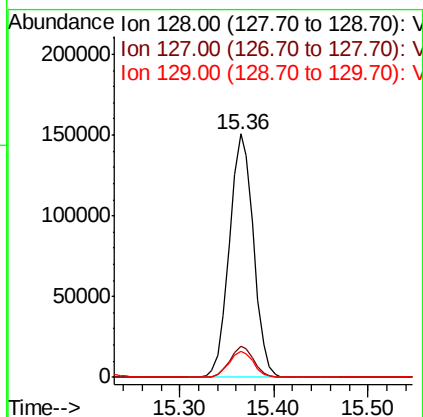
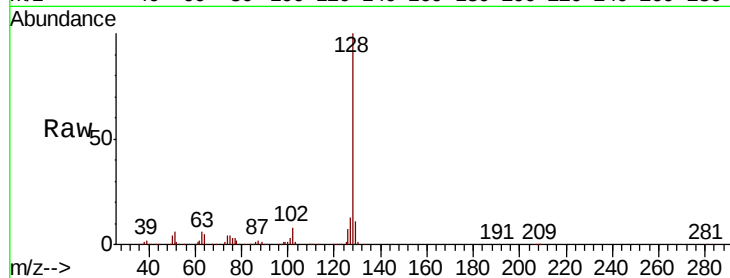
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	266100
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	11.0	8.6	12.8

Manual Integrations
APPROVED

apatel
4/27/2020 2:28:06 PM



#96

1,2,3-Trichlorobenzene

Concen: 50.462 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Tgt Ion:	180	Resp:	139430
Ion Ratio	Lower	Upper	
180	100		
182	95.8	48.8	146.3
145	30.9	17.2	51.6

