

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081420\
 Data File : VW016183.D
 Acq On : 14 Aug 2020 10:14
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 8/17/2020 5:46:25 PM

Quant Time: Aug 14 11:47:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 14 11:36:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	264897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	427970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	399957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	193165	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	24632	8.96	ug/l	0.00
Spiked Amount			Recovery	=	17.92%	
35) Dibromofluoromethane	7.89	113	25170	9.81	ug/l	0.00
Spiked Amount			Recovery	=	19.62%	
50) Toluene-d8	10.32	98	96031	9.73	ug/l	0.00
Spiked Amount			Recovery	=	19.46%	
62) 4-Bromofluorobenzene	12.62	95	34902	9.75	ug/l	0.00
Spiked Amount			Recovery	=	19.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	19235	13.468	ug/l	97
3) Chloromethane	2.21	50	19362	10.239	ug/l	94
4) Vinyl Chloride	2.36	62	28674	9.994	ug/l	98
5) Bromomethane	2.78	94	17865	8.305	ug/l	97
6) Chloroethane	2.93	64	15764	8.325	ug/l	96
7) Trichlorofluoromethane	3.26	101	21989	10.571	ug/l	99
8) Diethyl Ether	3.68	74	13630	10.343	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	30353	12.163	ug/l	99
10) Methyl Iodide	4.27	142	41395	11.805	ug/l	96
11) Tert butyl alcohol	5.23	59	6254	41.694	ug/l	97
12) 1,1-Dichloroethene	4.03	96	30061	12.160	ug/l	97
13) Acrolein	3.90	56	10179	53.620	ug/l	98
14) Allyl chloride	4.67	41	38059	9.796	ug/l	97
15) Acrylonitrile	5.38	53	23985	46.815	ug/l	97
16) Acetone	4.15	43	23061	45.354	ug/l	99
17) Carbon Disulfide	4.37	76	87495	11.939	ug/l	99
18) Methyl Acetate	4.68	43	10807	9.323	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	34518	9.579	ug/l	100
20) Methylene Chloride	4.92	84	42837	14.208	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	32224	11.342	ug/l	98
22) Diisopropyl ether	6.32	45	74461	9.577	ug/l	94
23) Vinyl Acetate	6.26	43	198343	42.916	ug/l	99
24) 1,1-Dichloroethane	6.22	63	52440	10.521	ug/l	97
25) 2-Butanone	7.18	43	31228	45.449	ug/l	98
26) 2,2-Dichloropropane	7.17	77	34961	11.160	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	32353	10.721	ug/l	96
28) Bromochloromethane	7.52	49	19100	9.518	ug/l	99
29) Tetrahydrofuran	7.54	42	18946	45.412	ug/l	96
30) Chloroform	7.68	83	55367	10.841	ug/l	99
31) Cyclohexane	7.96	56	49187	10.458	ug/l	# 93
32) 1,1,1-Trichloroethane	7.88	97	46103	10.763	ug/l	97
36) 1,1-Dichloropropene	8.09	75	44823	10.723	ug/l	99
37) Ethyl Acetate	7.26	43	13581	8.384	ug/l	99
38) Carbon Tetrachloride	8.07	117	44477	10.944	ug/l	95

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

39) Methylcyclohexane	9.34	83	50692	10.234	ug/l	98
40) Benzene	8.33	78	124611	10.831	ug/l	98
41) Methacrylonitrile	7.49	41	6609	7.196	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	32316	9.230	ug/l	100
43) Isopropyl Acetate	8.43	43	26171	8.370	ug/l	99
44) Trichloroethene	9.09	130	35785	11.670	ug/l	97
45) 1,2-Dichloropropane	9.37	63	29020	10.310	ug/l	98
46) Dibromomethane	9.46	93	15176	10.409	ug/l	99
47) Bromodichloromethane	9.65	83	38738	10.333	ug/l	92
48) Methyl methacrylate	9.44	41	12137	8.494	ug/l	98
49) 1,4-Dioxane	9.48	88	3067	167.840	ug/l #	82
51) 4-Methyl-2-Pentanone	10.21	43	67147	43.830	ug/l	100
52) Toluene	10.39	92	79384	10.703	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	33960	9.468	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	42637	9.872	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	21101	10.429	ug/l	91
56) Ethyl methacrylate	10.65	69	22230	8.938	ug/l	98
57) 1,3-Dichloropropane	10.94	76	35912	10.039	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	49996	41.618	ug/l	98
59) 2-Hexanone	10.97	43	44544	43.457	ug/l	95
60) Dibromochloromethane	11.13	129	24709	10.485	ug/l	98
61) 1,2-Dibromoethane	11.24	107	20659	10.568	ug/l	99
64) Tetrachloroethene	10.87	164	26912	10.646	ug/l	95
65) Chlorobenzene	11.66	112	84236	10.810	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	28759	10.438	ug/l	98
67) Ethyl Benzene	11.73	91	146894	10.179	ug/l	100
68) m/p-Xylenes	11.84	106	115215	21.254	ug/l	99
69) o-Xylene	12.17	106	49217	9.964	ug/l	98
70) Styrene	12.18	104	87233	10.254	ug/l	100
71) Bromoform	12.35	173	12589	10.036	ug/l #	98
73) Isopropylbenzene	12.47	105	141782	10.339	ug/l	98
74) N-amyl acetate	12.27	43	24036	8.372	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	24275	10.579	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	17682m	10.340	ug/l	
77) Bromobenzene	12.75	156	31972	10.424	ug/l	98
78) n-propylbenzene	12.80	91	173325	10.451	ug/l	100
79) 2-Chlorotoluene	12.90	91	98767	10.429	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	122998	10.502	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	6566	9.669	ug/l	96
82) 4-Chlorotoluene	12.99	91	104548	10.554	ug/l	100
83) tert-Butylbenzene	13.21	119	99728	10.278	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	122579	10.483	ug/l	99
85) sec-Butylbenzene	13.38	105	147423	10.513	ug/l	100
86) p-Isopropyltoluene	13.50	119	134428	10.497	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	65019	10.555	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	65191	10.832	ug/l	98
89) n-Butylbenzene	13.83	91	122066	10.042	ug/l	99
90) Hexachloroethane	14.10	117	25114	10.859	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	57518	10.840	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3497	9.573	ug/l	98

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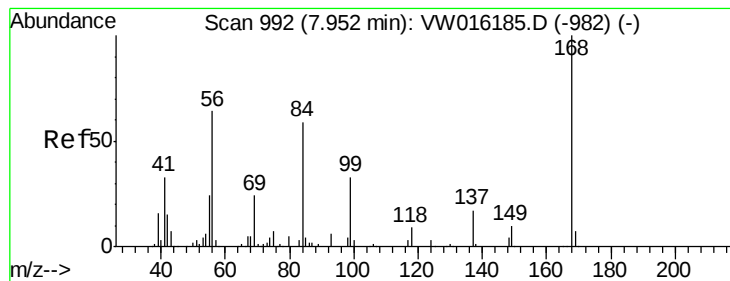
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	31363	9.398	ug/l	99
94) Hexachlorobutadiene	15.24	225	20349	9.775	ug/l	96
95) Naphthalene	15.37	128	50010	8.725	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	27112	9.436	ug/l	99

(#) = 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: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 264897

Ion Ratio Lower Upper

168 100

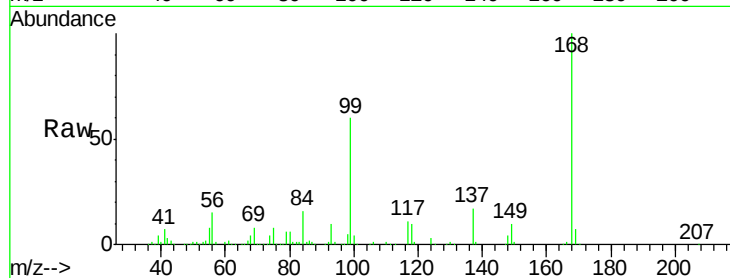
99 60.4 48.3 72.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

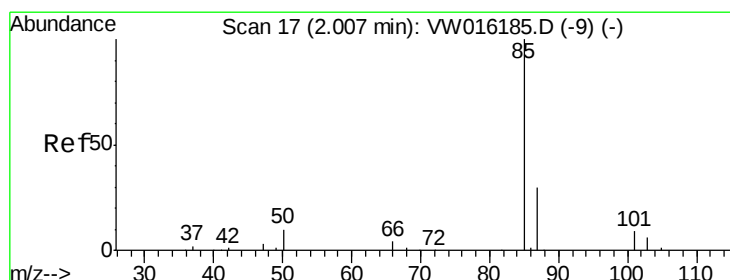
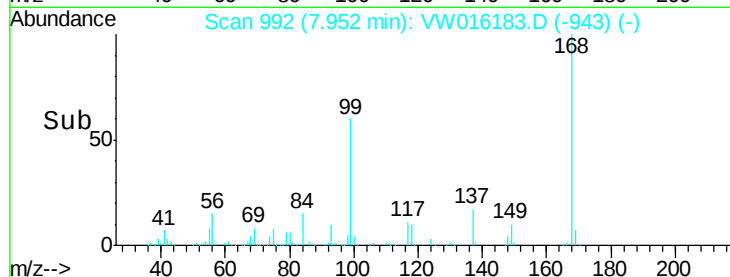
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 13.468 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016183.D

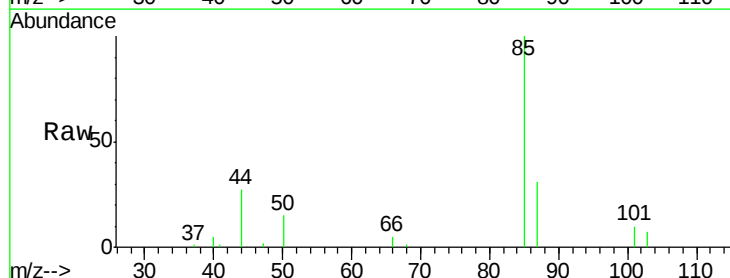
Acq: 14 Aug 2020 10:14

Tgt Ion: 85 Resp: 19235

Ion Ratio Lower Upper

85 100

87 31.1 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

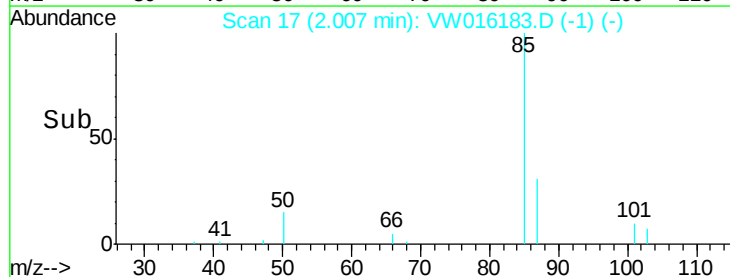
6000

4000

2000

0

Time-->





#3

Chloromethane

Concen: 10.239 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 19362

Ion Ratio Lower Upper

50 100

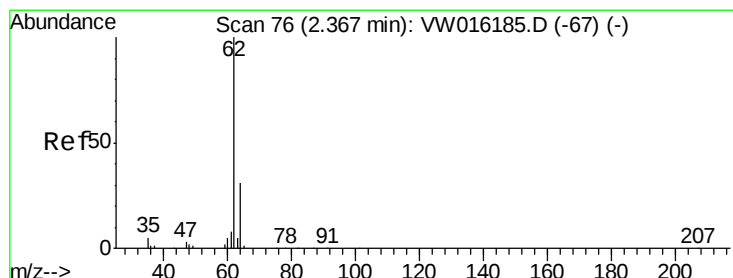
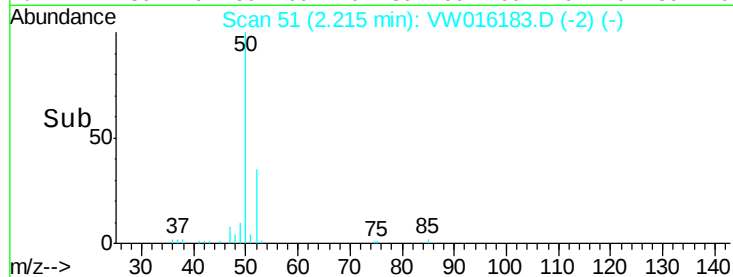
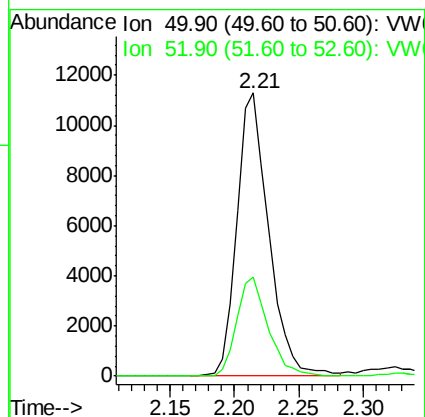
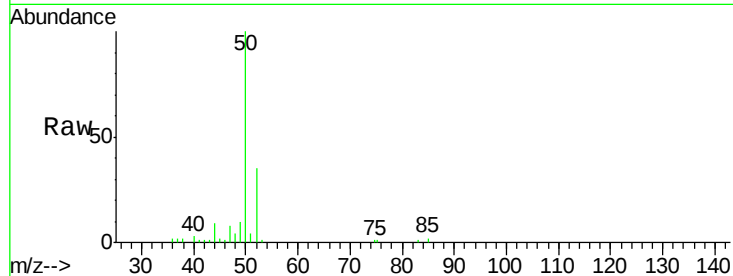
52 34.8 25.3 37.9

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#4

Vinyl Chloride

Concen: 9.994 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW016183.D

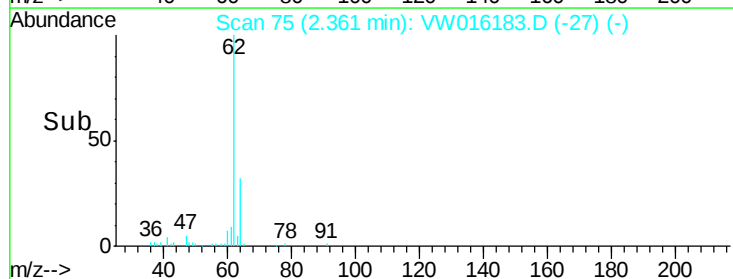
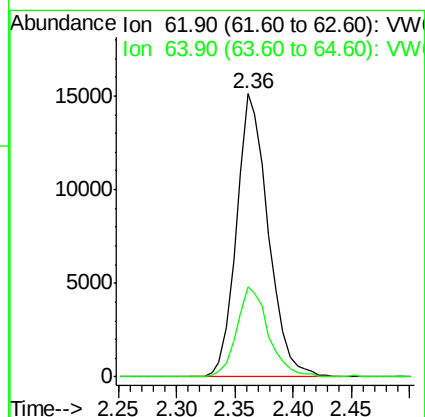
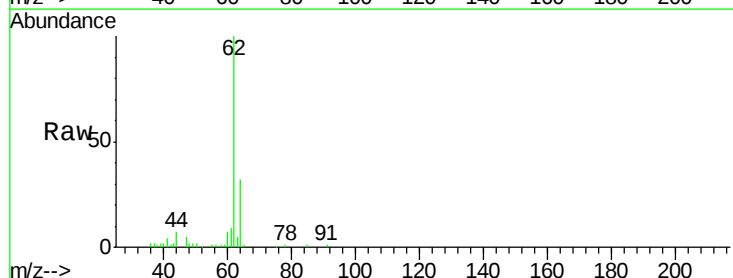
Acq: 14 Aug 2020 10:14

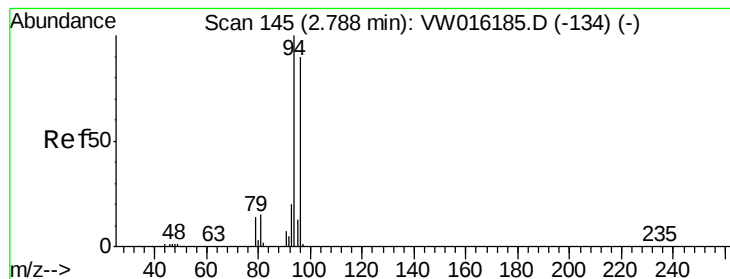
Tgt Ion: 62 Resp: 28674

Ion Ratio Lower Upper

62 100

64 31.9 24.5 36.7





#5

Bromomethane

Concen: 8.305 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 17865

Ion Ratio Lower Upper

94 100

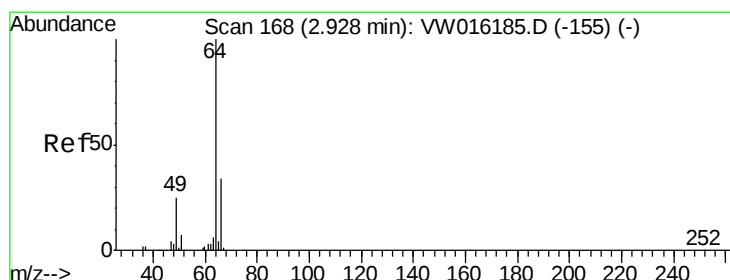
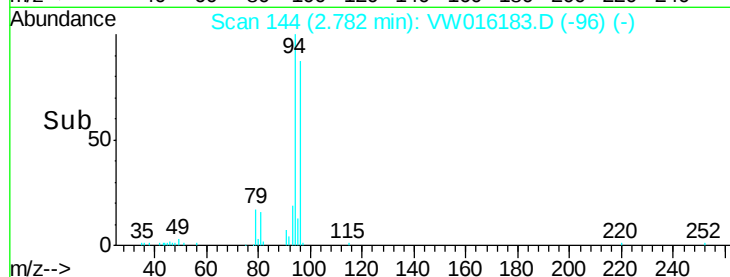
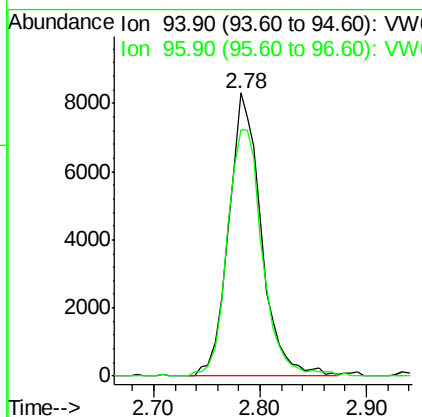
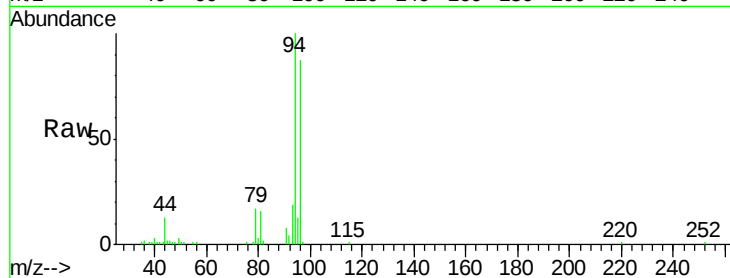
96 87.1 71.8 107.6

Manual Integrations

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#6

Chloroethane

Concen: 8.325 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016183.D

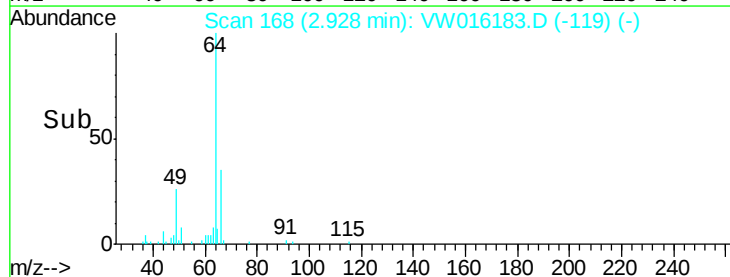
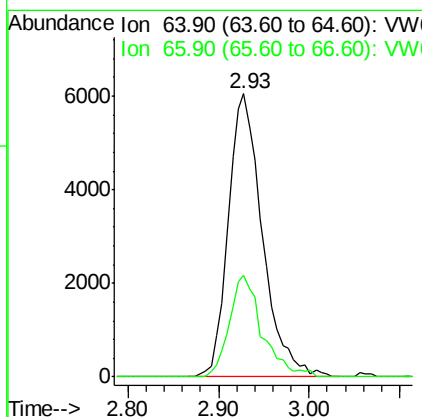
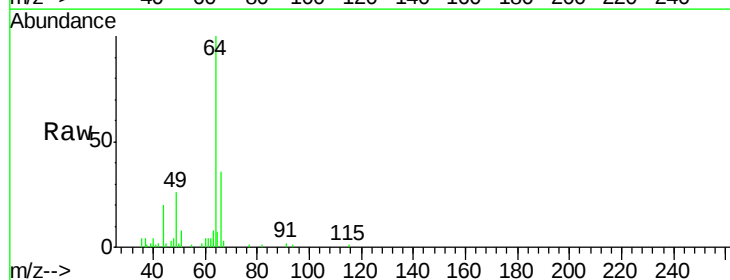
Acq: 14 Aug 2020 10:14

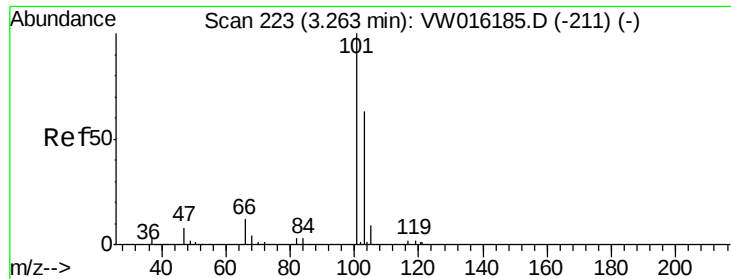
Tgt Ion: 64 Resp: 15764

Ion Ratio Lower Upper

64 100

66 35.9 26.9 40.3





#7

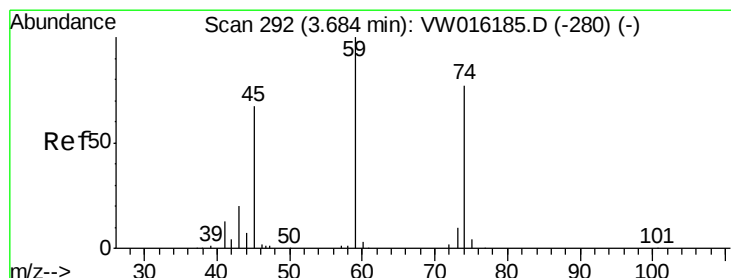
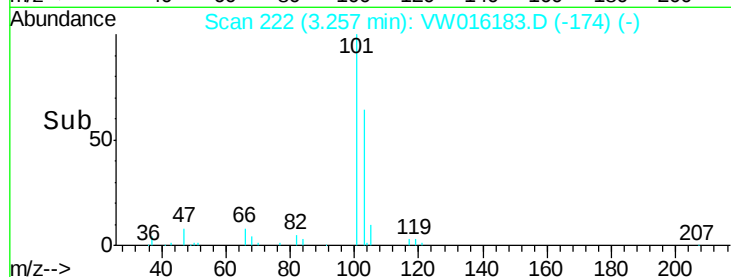
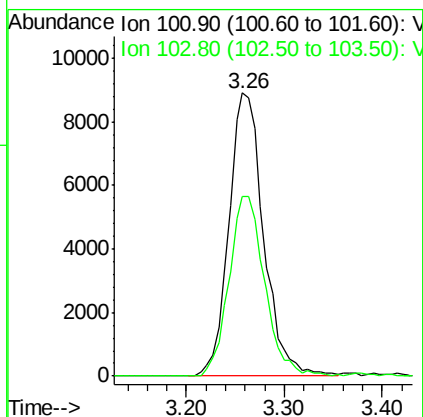
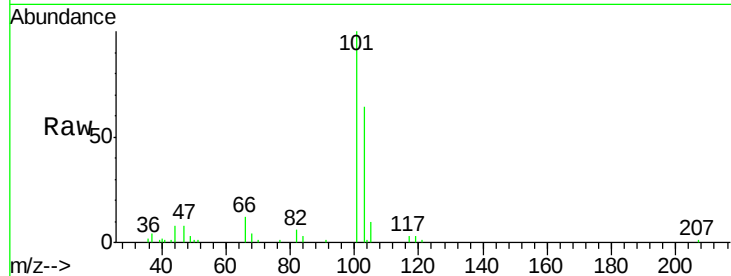
Trichlorofluoromethane
Concen: 10.571 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW016183.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	50.4	75.6

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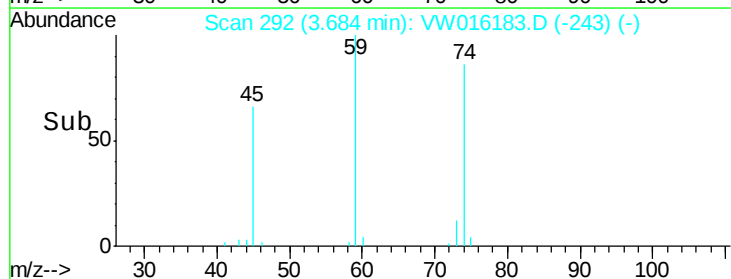
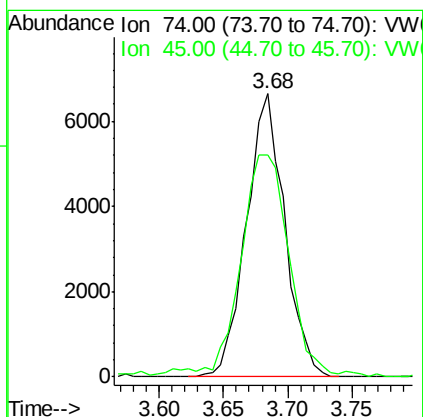
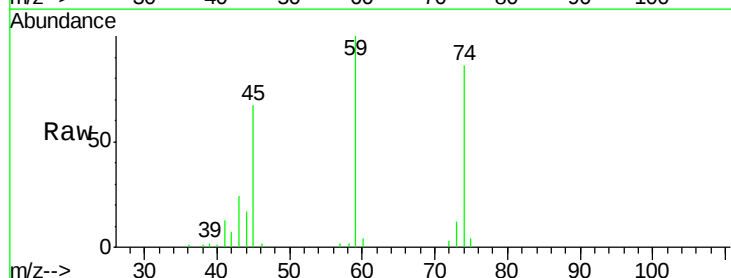
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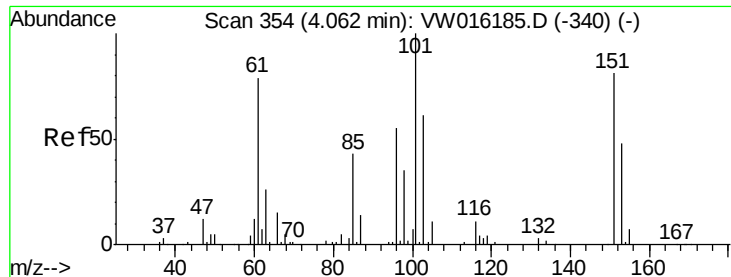


#8

Diethyl Ether
Concen: 10.343 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.7	45.9	137.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 12.163 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_W

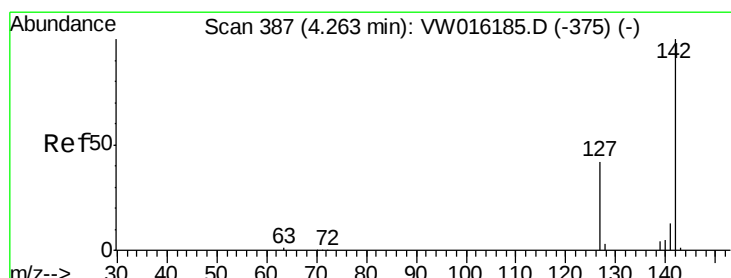
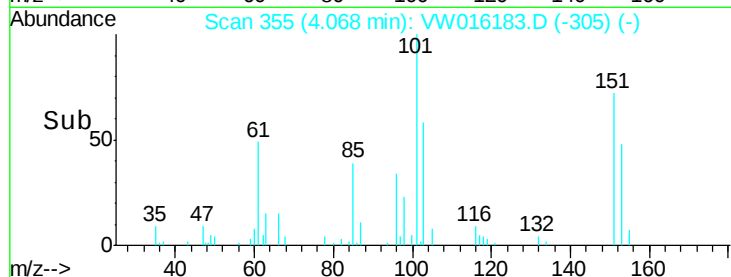
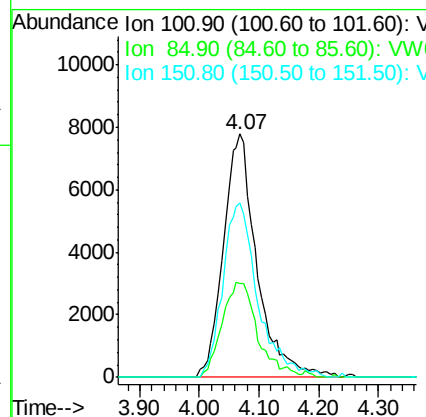
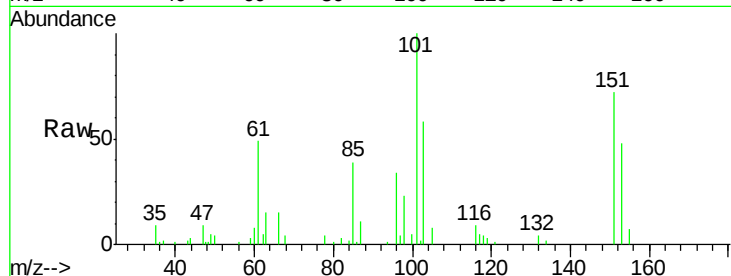
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	30353
Ion Ratio	Lower	Upper	
101	100		
85	41.4	33.3	49.9
151	74.7	61.1	91.7

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#10

Methyl Iodide

Concen: 11.805 ug/l

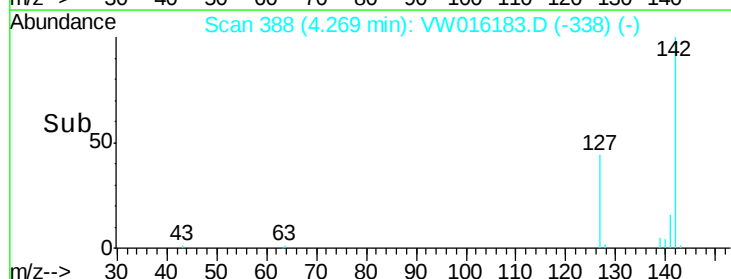
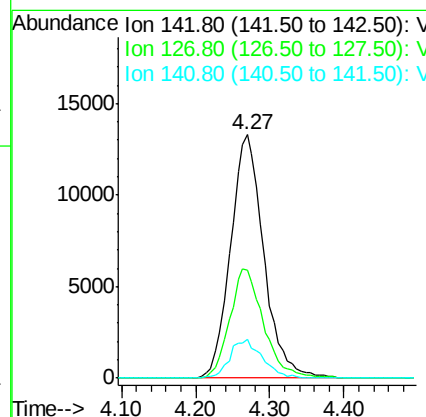
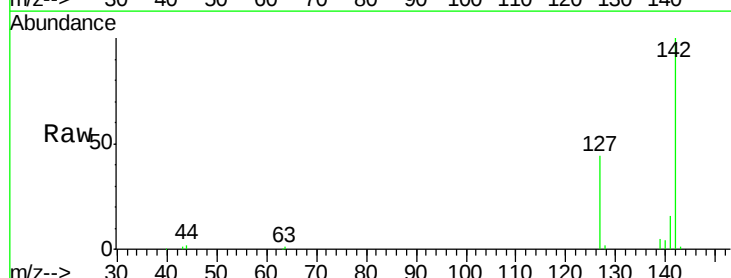
RT: 4.27 min Scan# 388

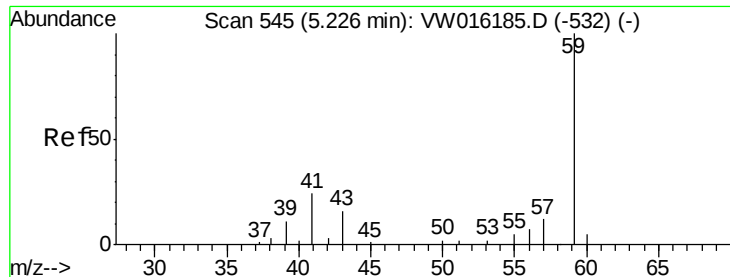
Delta R.T. 0.01 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Tgt Ion:	142	Resp:	41395
Ion Ratio	Lower	Upper	
142	100		
127	45.7	34.6	52.0
141	15.5	11.4	17.2





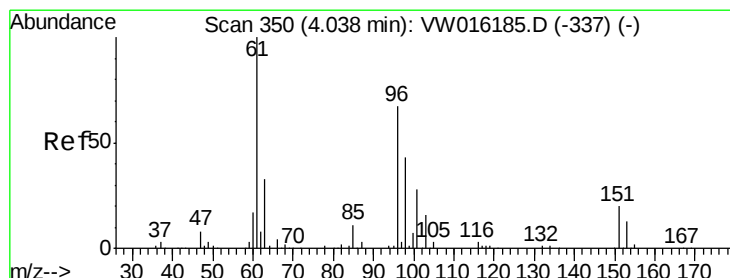
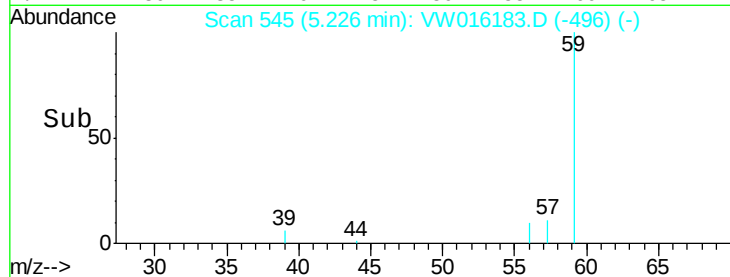
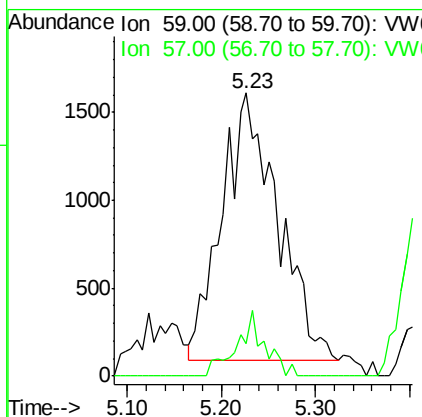
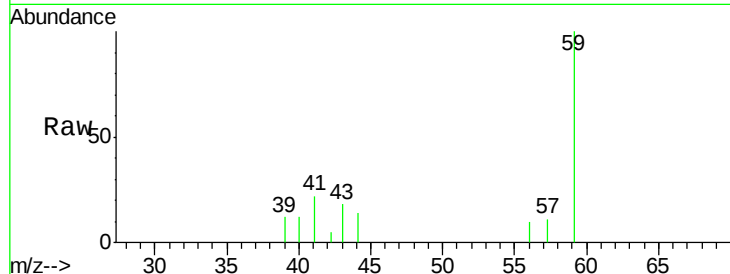
#11
Tert butyl alcohol
Concen: 41.694 ug/l
RT: 5.23 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion: 59 Resp: 6254
Ion Ratio Lower Upper
59 100
57 12.3 9.0 13.6

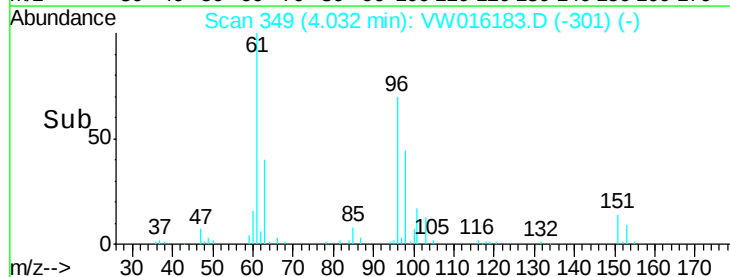
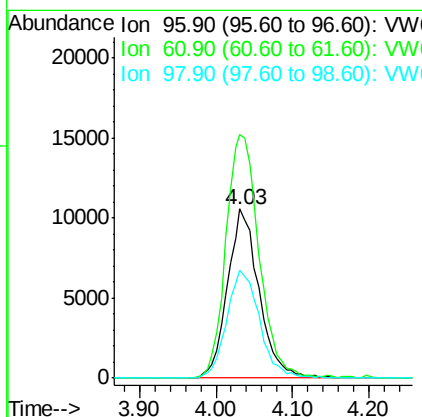
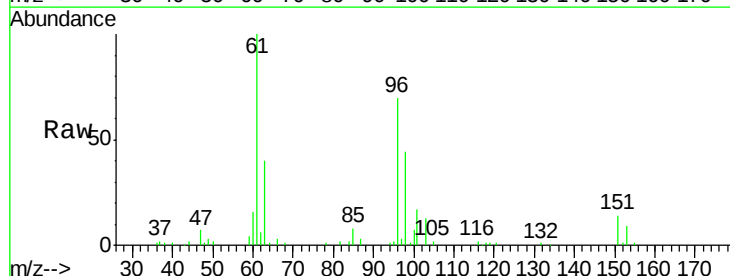
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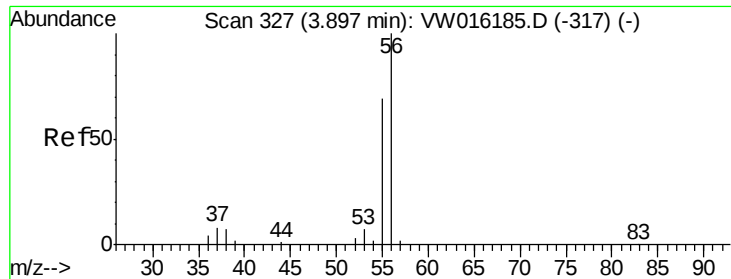
MMDadoda
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#12
1,1-Dichloroethene
Concen: 12.160 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion: 96 Resp: 30061
Ion Ratio Lower Upper
96 100
61 143.9 119.5 179.3
98 63.6 51.3 76.9





#13

Acrolein

Concen: 53.620 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 10179

Ion Ratio Lower Upper

56 100

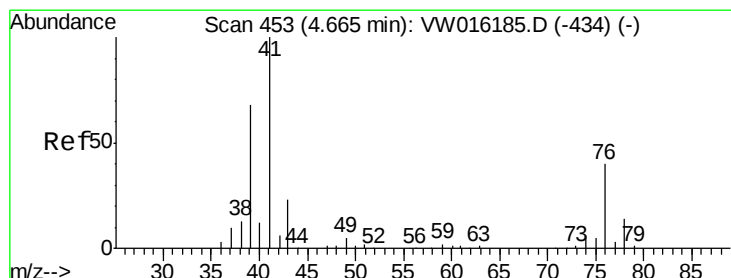
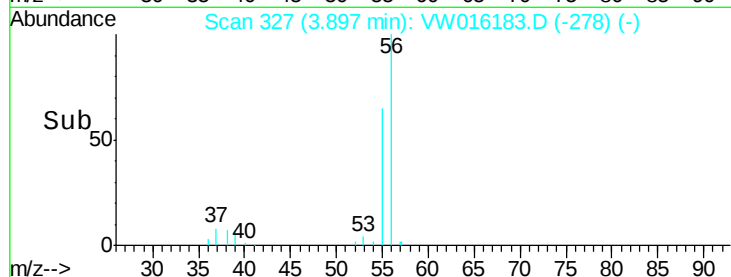
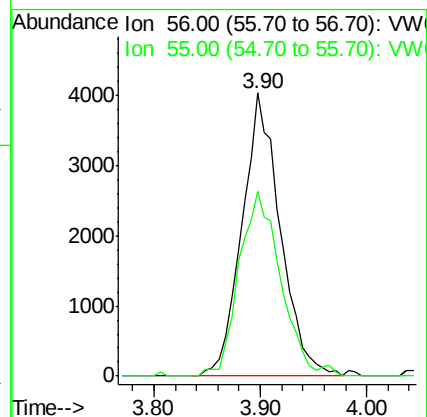
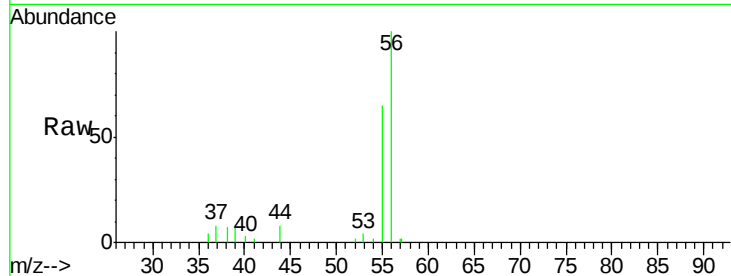
55 70.1 55.0 82.6

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8/17/2020 5:46:25 PM



#14

Allyl chloride

Concen: 9.796 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

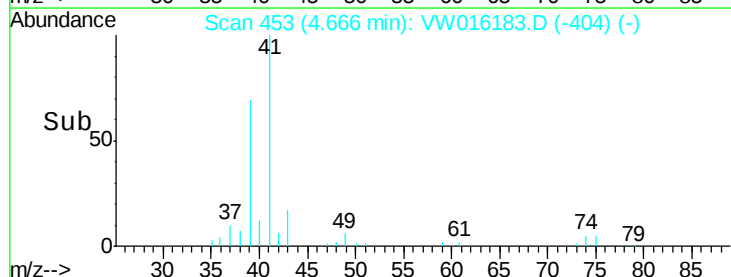
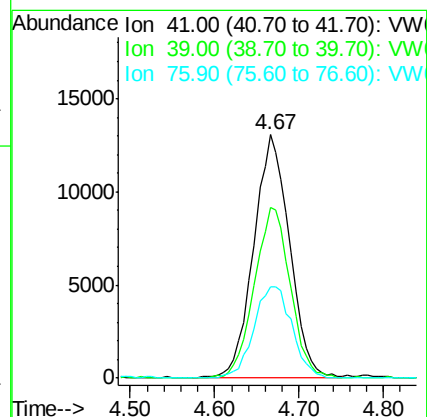
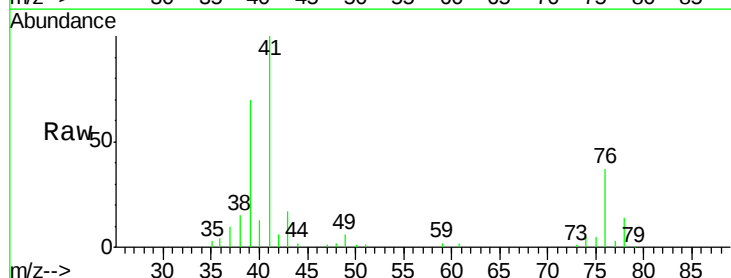
Tgt Ion: 41 Resp: 38059

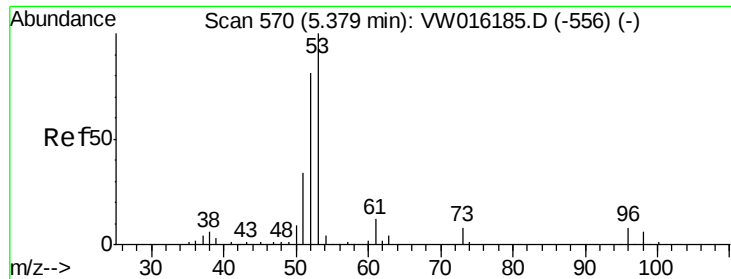
Ion Ratio Lower Upper

41 100

39 70.0 53.4 80.0

76 39.7 32.0 48.0





#15

Acrylonitrile

Concen: 46.815 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_W

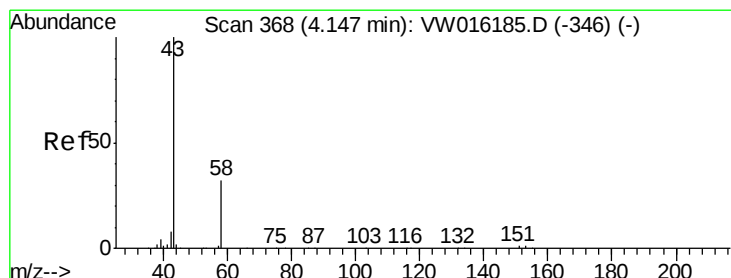
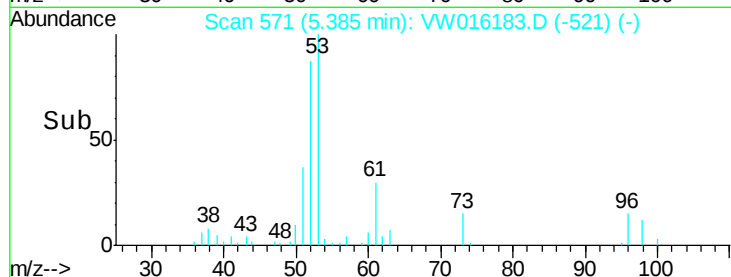
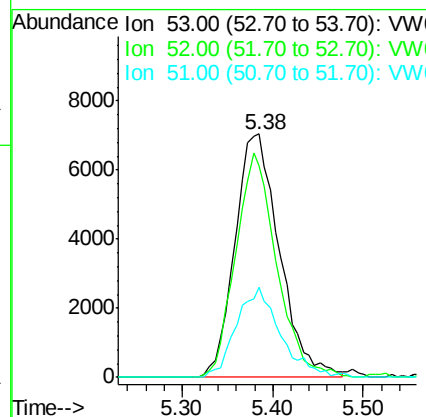
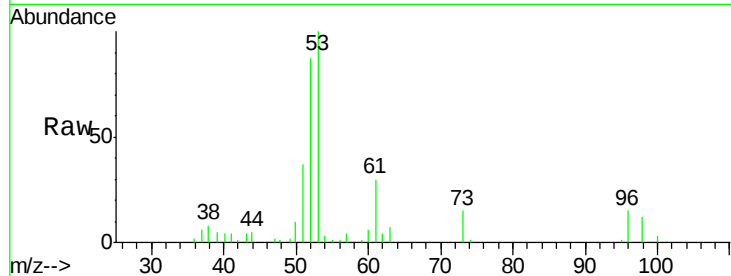
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	23985
Ion Ratio	Lower	Upper	
53	100		
52	85.1	65.3	97.9
51	36.4	29.0	43.4

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#16

Acetone

Concen: 45.354 ug/l

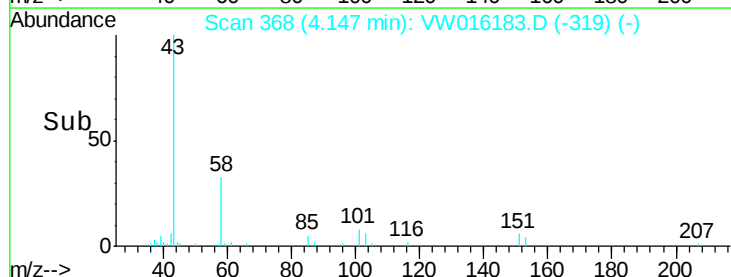
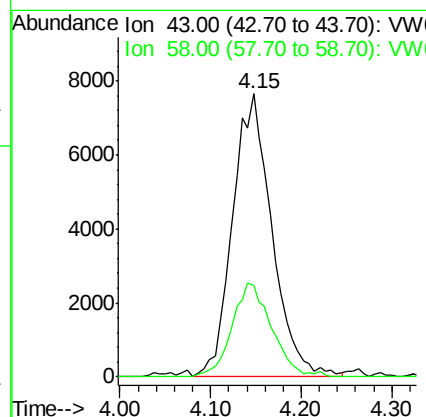
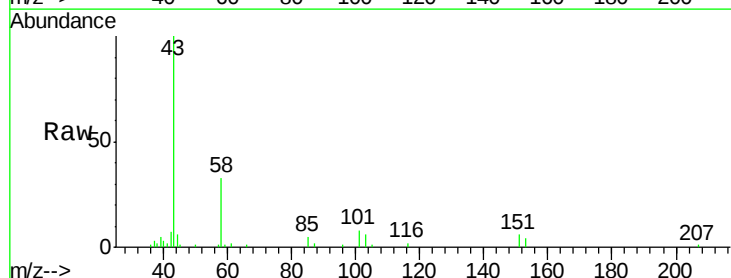
RT: 4.15 min Scan# 368

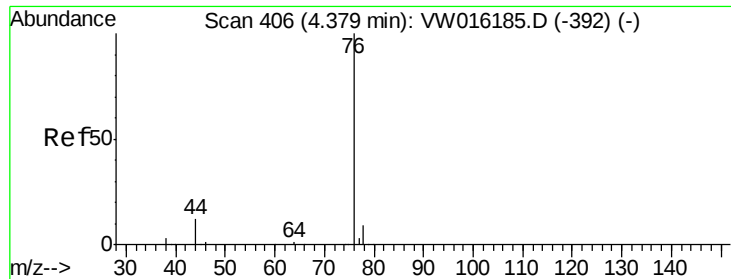
Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Tgt Ion:	43	Resp:	23061
Ion Ratio	Lower	Upper	
43	100		
58	32.5	25.8	38.6





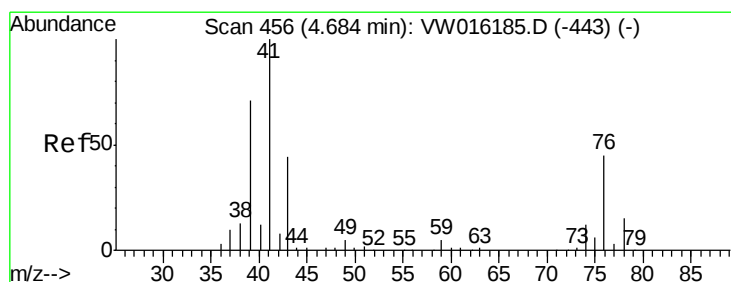
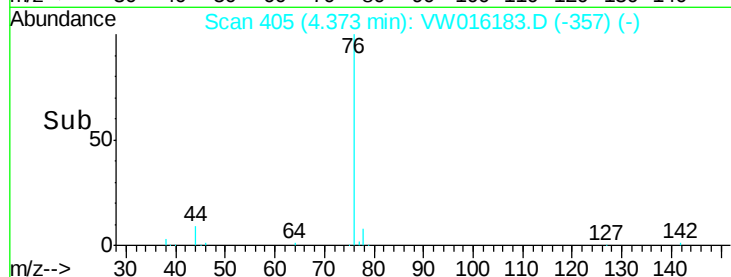
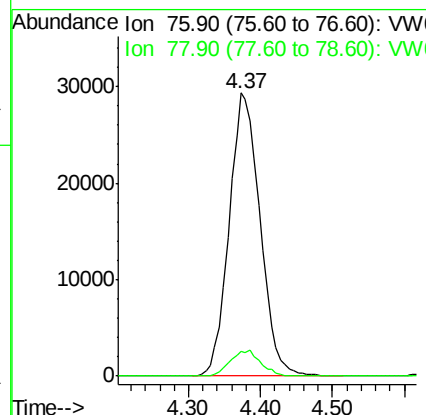
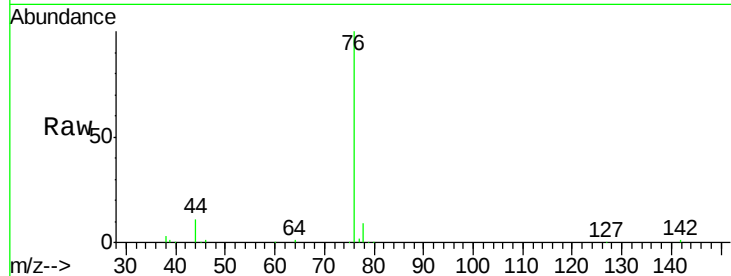
#17
Carbon Disulfide
Concen: 11.939 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.0	10.6

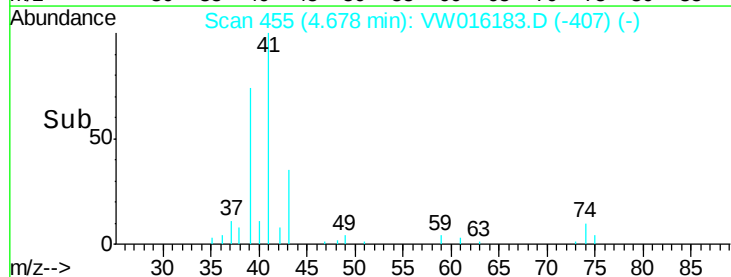
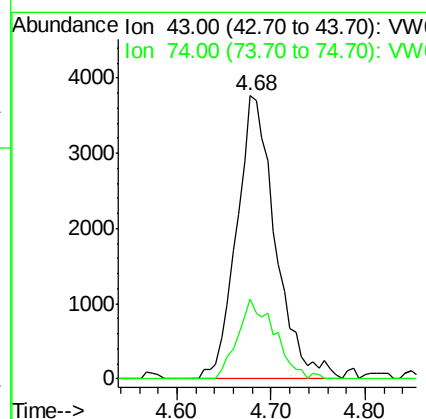
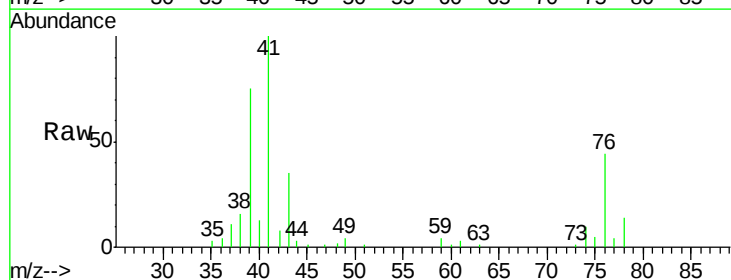
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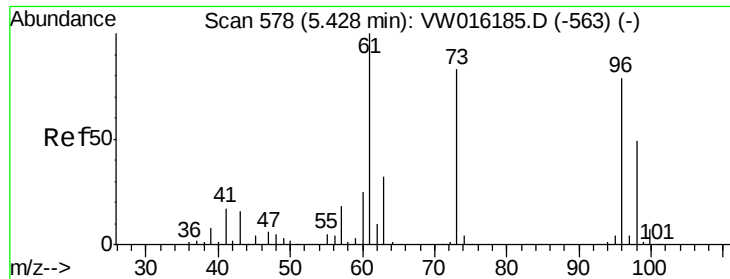
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#18
Methyl Acetate
Concen: 9.323 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.0	20.6	31.0





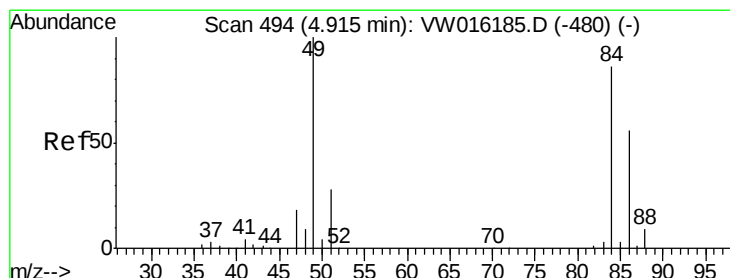
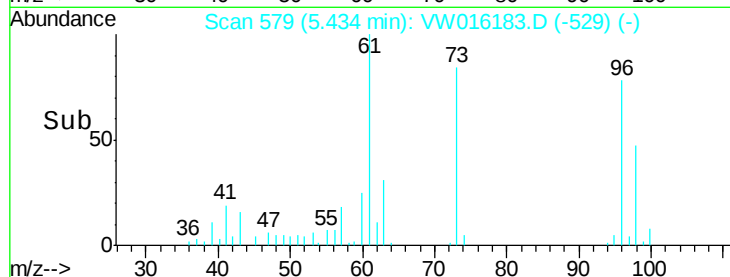
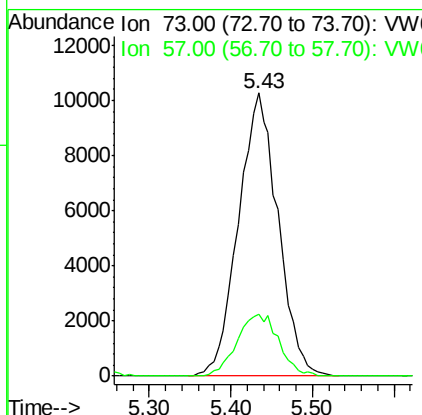
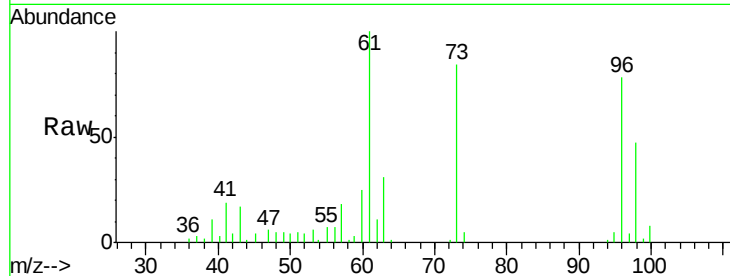
#19
Methyl tert-butyl Ether
Concen: 9.579 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 73 Resp: 34518
Ion Ratio Lower Upper
73 100
57 21.7 17.2 25.8

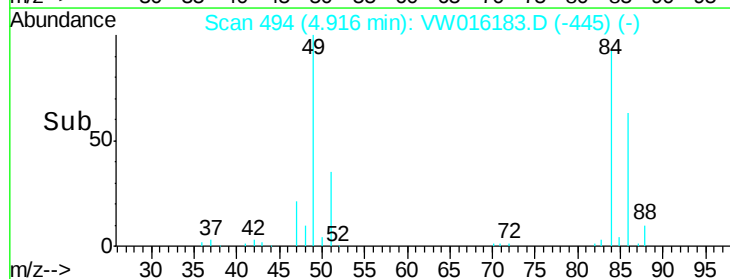
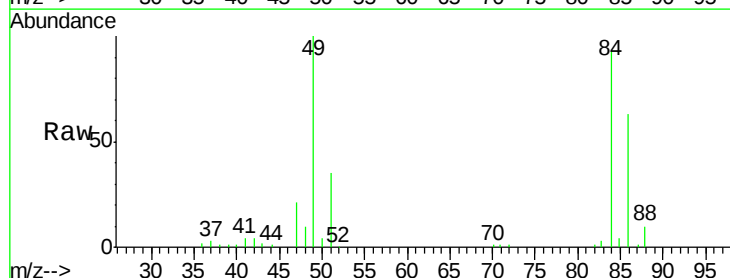
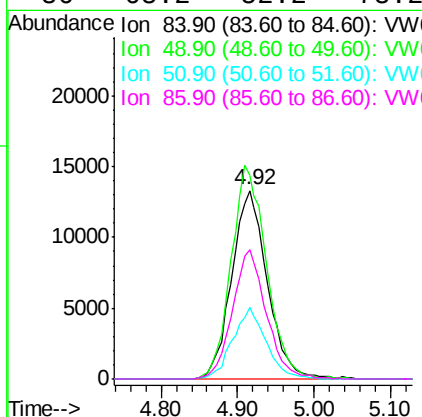
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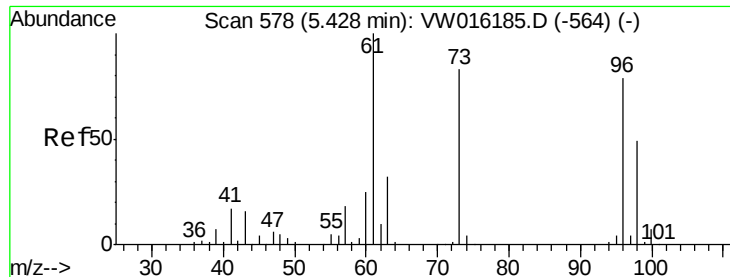
MMDadoda
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#20
Methylene Chloride
Concen: 14.208 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion: 84 Resp: 42837
Ion Ratio Lower Upper
84 100
49 107.7 93.4 140.2
51 37.9 26.6 40.0
86 68.2 52.2 78.2





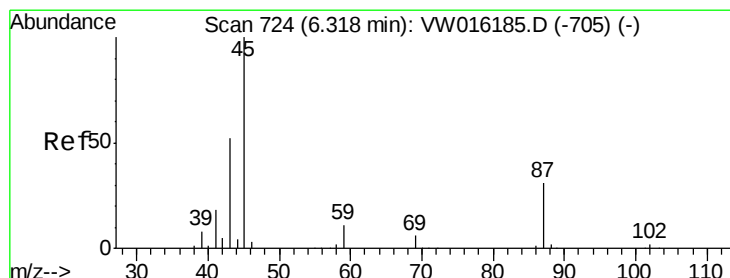
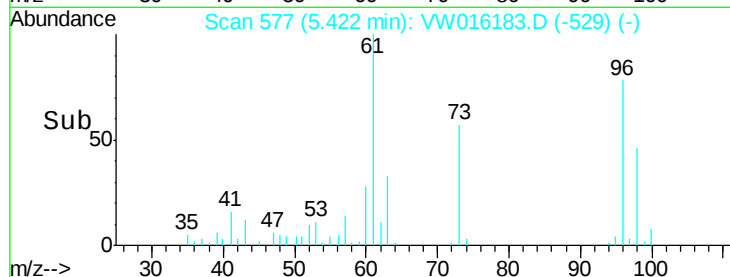
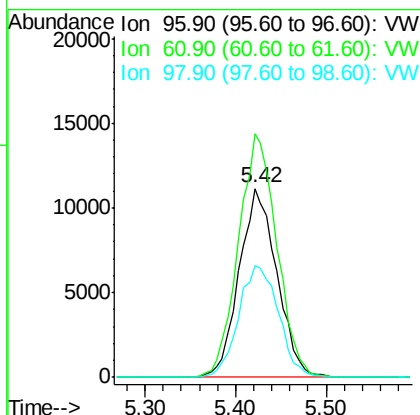
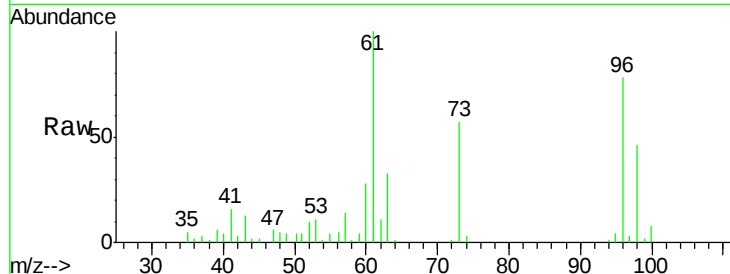
#21
trans-1,2-Dichloroethene
Concen: 11.342 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.9	101.4	152.0
98	59.3	49.4	74.0

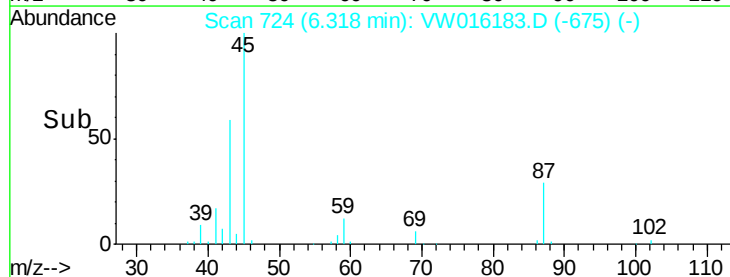
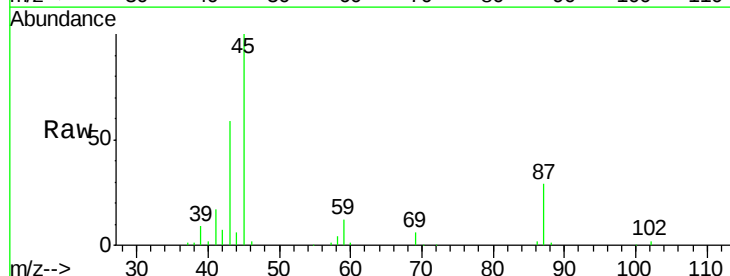
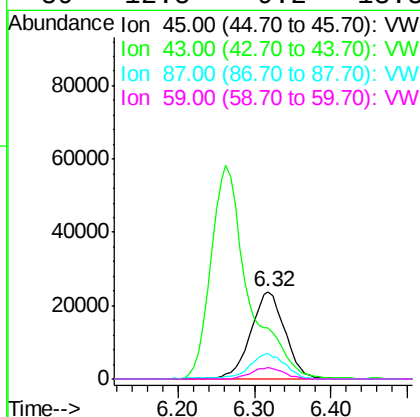
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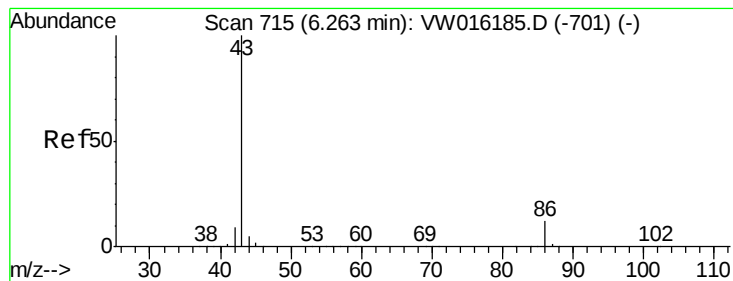
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#22
Diisopropyl ether
Concen: 9.577 ug/l
RT: 6.32 min Scan# 724
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.4	41.7	62.5
87	28.6	25.0	37.6
59	12.5	9.2	13.8





#23

Vinyl Acetate

Concen: 42.916 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 198343

Ion Ratio Lower Upper

43 100

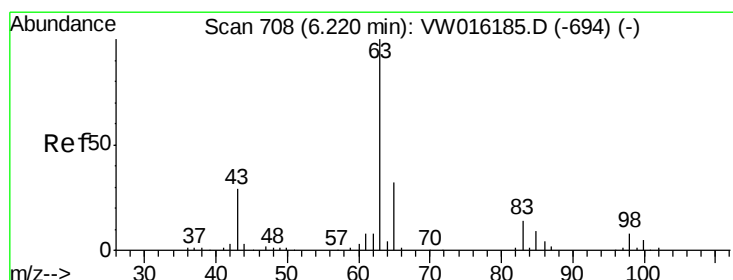
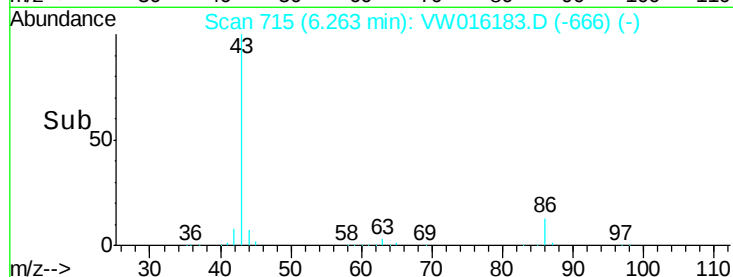
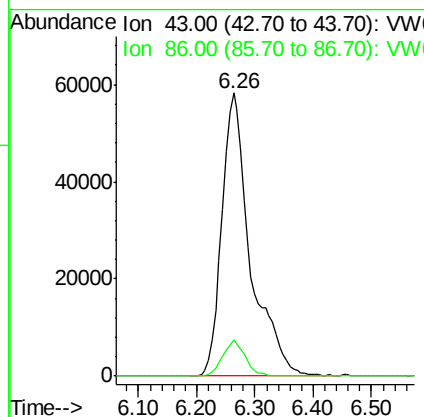
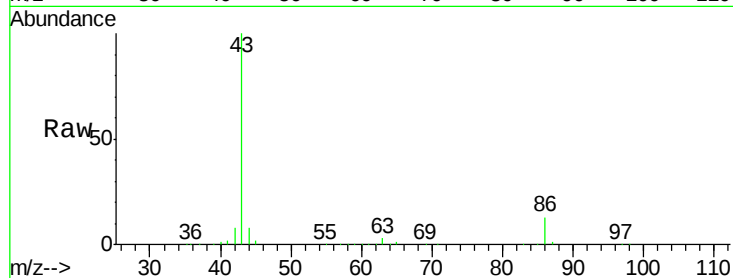
86 12.7 9.8 14.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 10.521 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

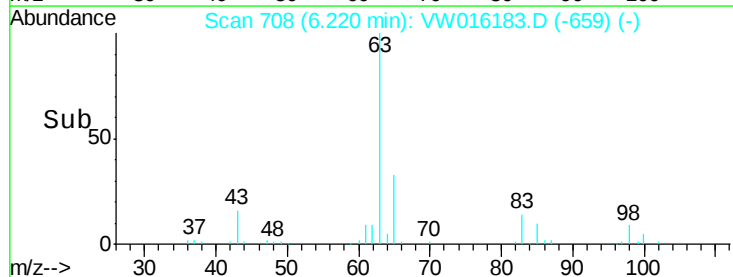
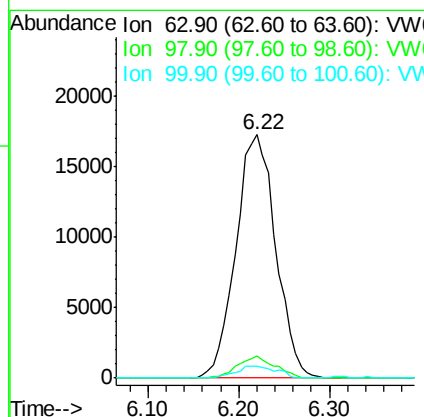
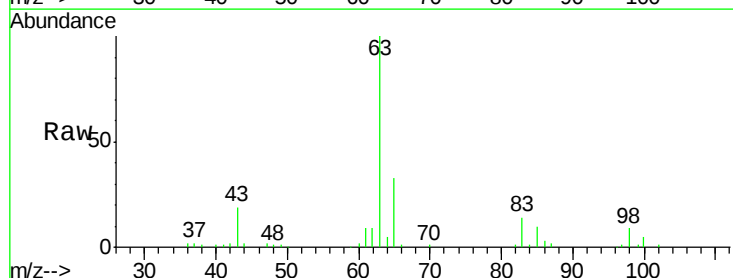
Tgt Ion: 63 Resp: 52440

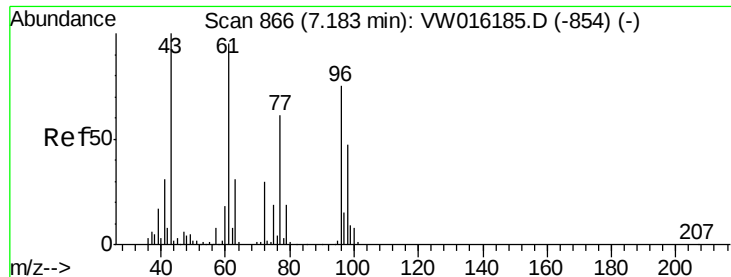
Ion Ratio Lower Upper

63 100

98 9.1 3.9 11.7

100 5.1 2.6 8.0





#25

2-Butanone

Concen: 45.449 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 31228

Ion Ratio Lower Upper

43 100

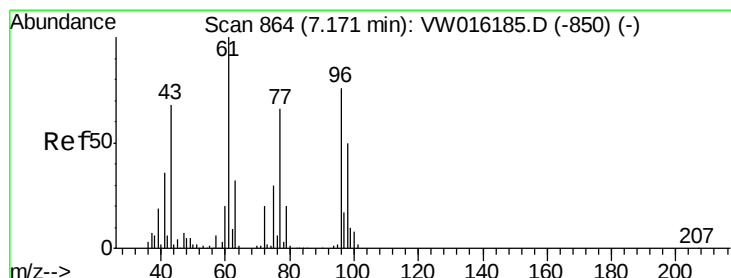
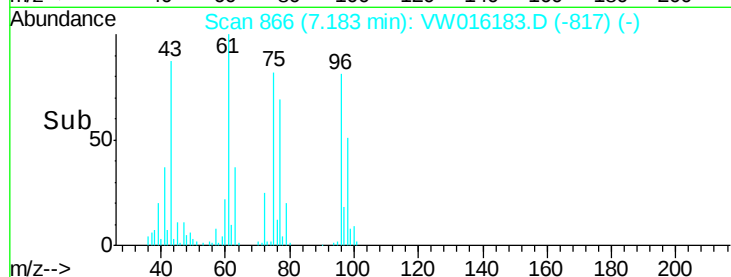
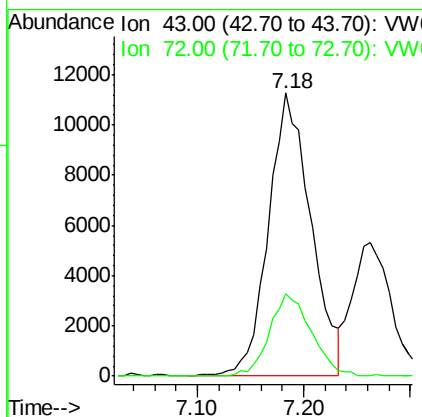
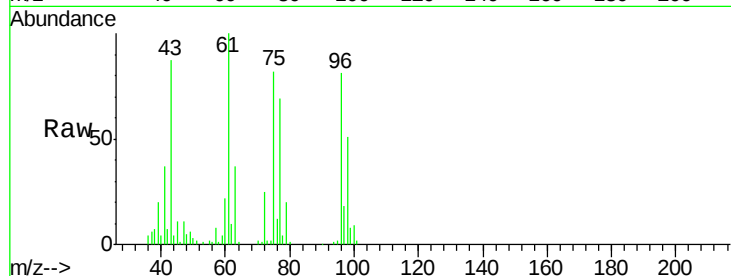
72 29.1 24.2 36.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 11.160 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016183.D

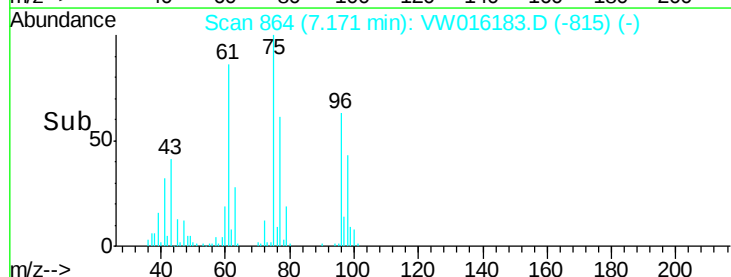
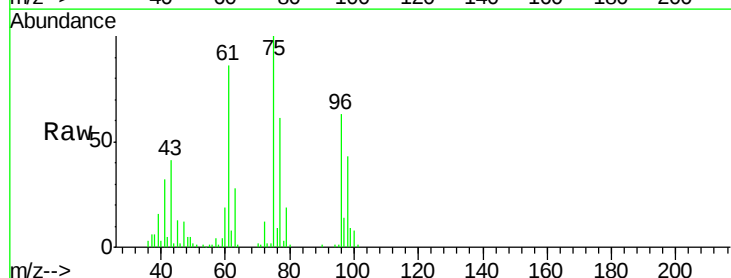
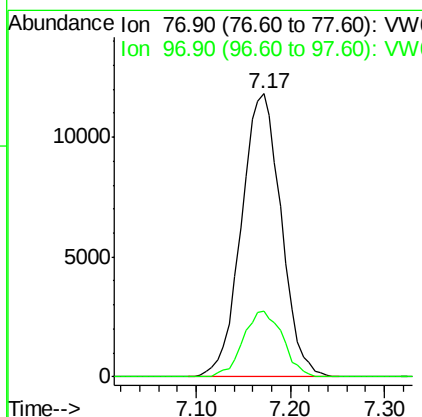
Acq: 14 Aug 2020 10:14

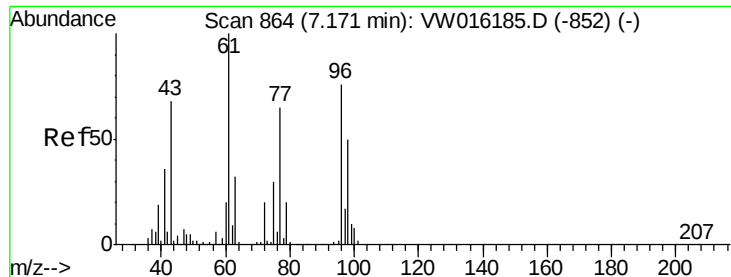
Tgt Ion: 77 Resp: 34961

Ion Ratio Lower Upper

77 100

97 23.2 12.1 36.3





#27

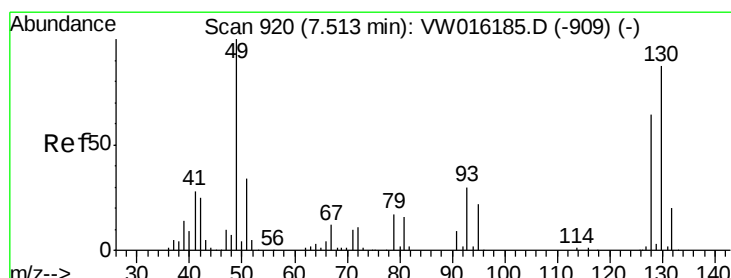
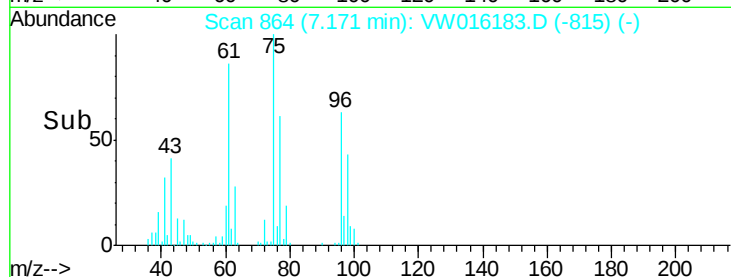
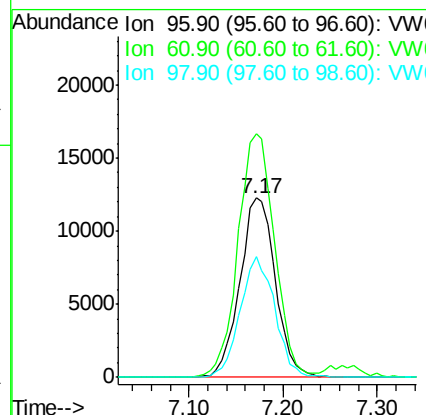
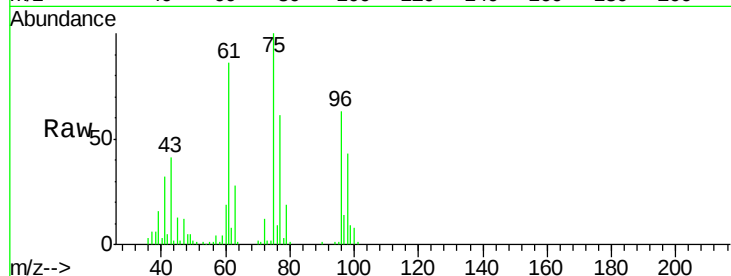
cis-1,2-Dichloroethene
Concen: 10.721 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.8	0.0	267.0
98	65.7	0.0	129.6

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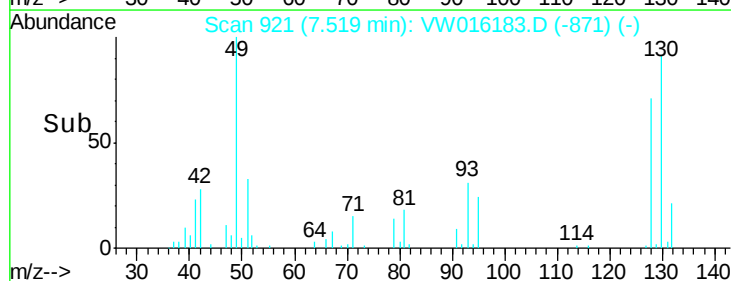
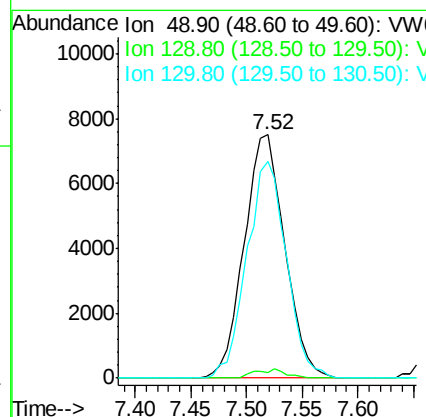
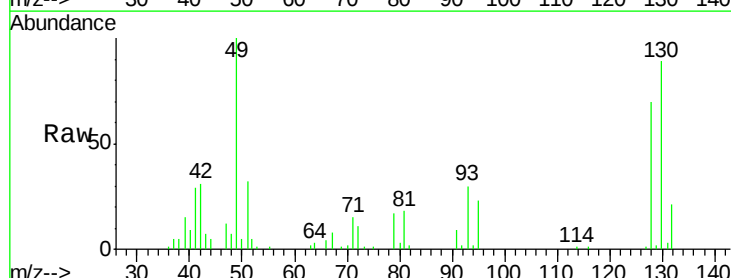
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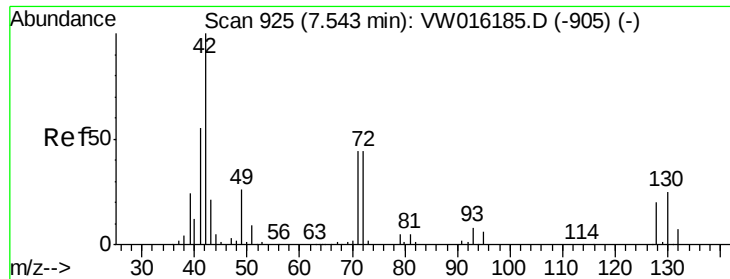


#28

Bromochloromethane
Concen: 9.518 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.2
130	86.7	69.9	104.9





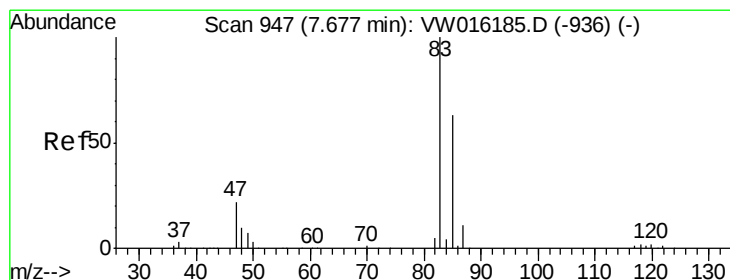
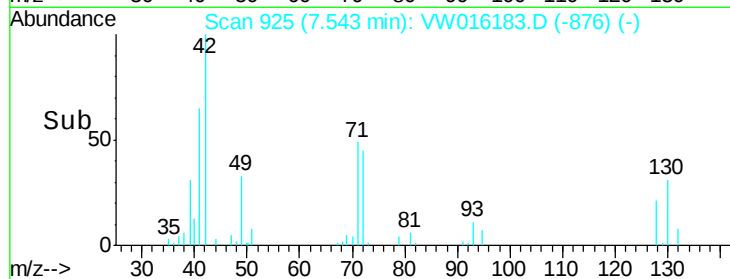
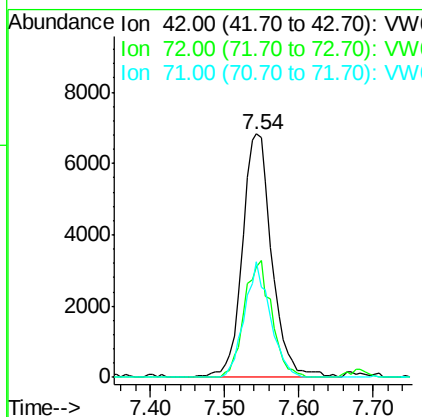
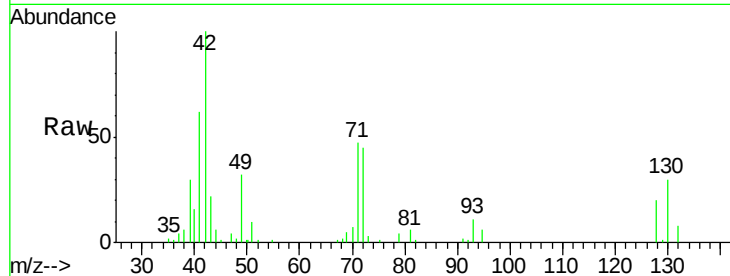
#29
Tetrahydrofuran
Concen: 45.412 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	37.4	56.2
71	41.4	35.6	53.4

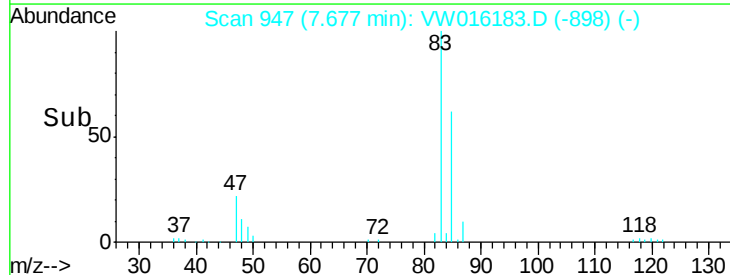
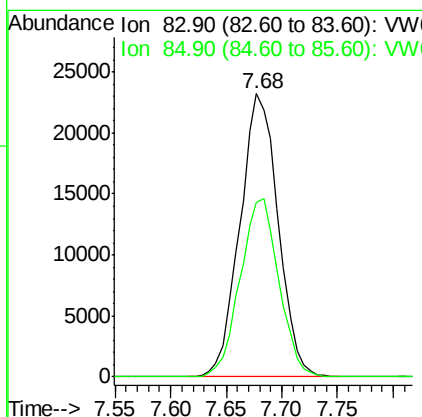
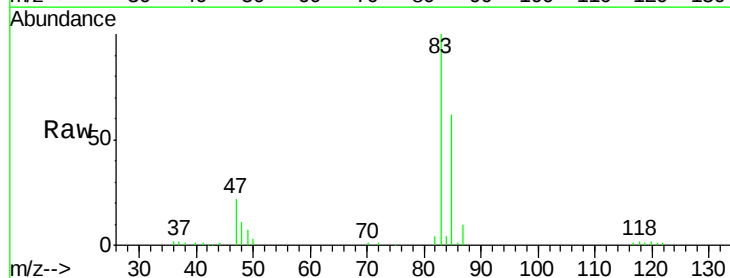
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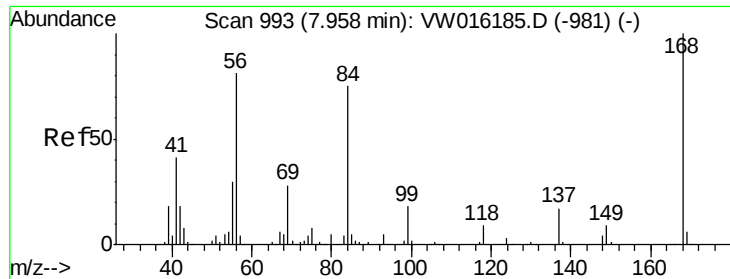
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#30
Chloroform
Concen: 10.841 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.9	50.0	75.0





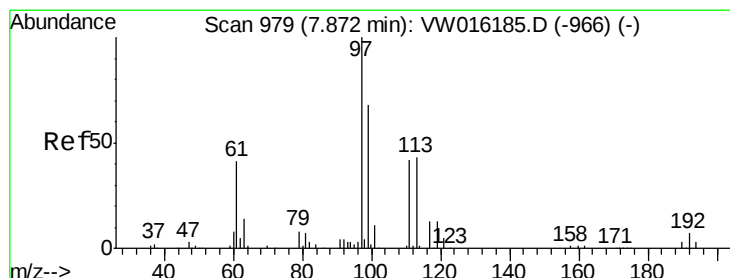
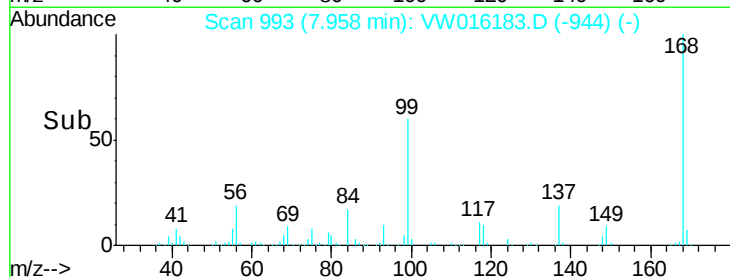
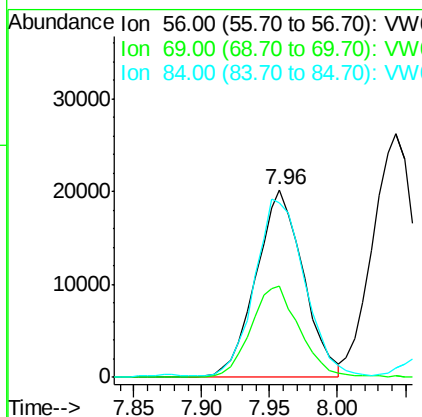
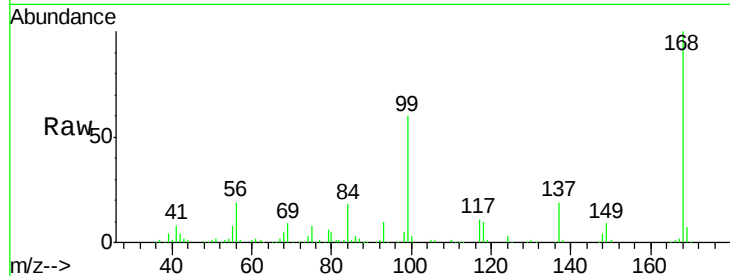
#31
Cyclohexane
Concen: 10.458 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	48.6	27.3	40.9#
84	92.7	73.5	110.3

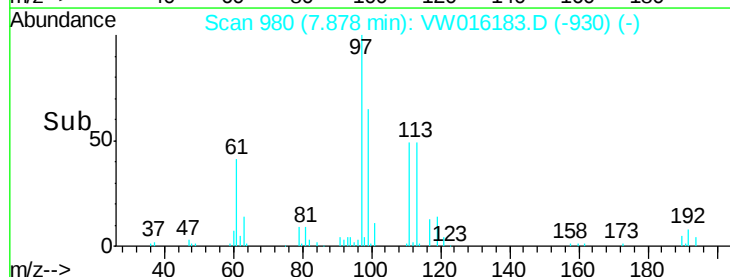
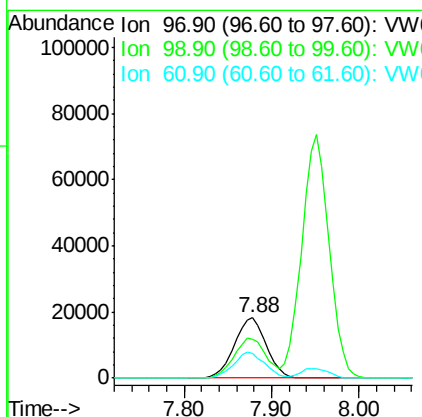
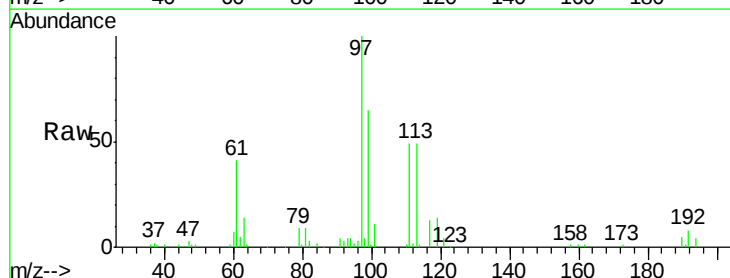
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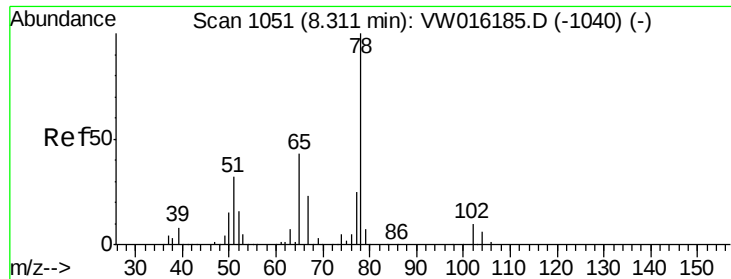
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#32
1,1,1-Trichloroethane
Concen: 10.763 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.8	51.3	76.9
61	42.3	33.2	49.8





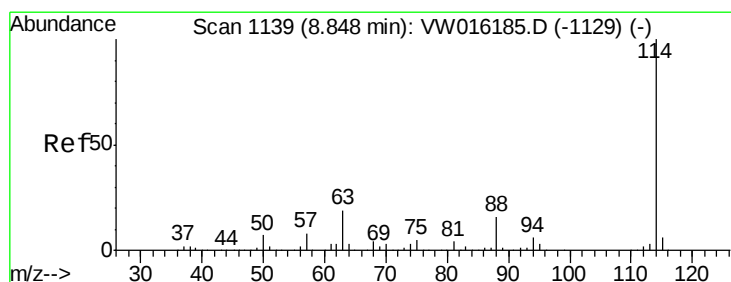
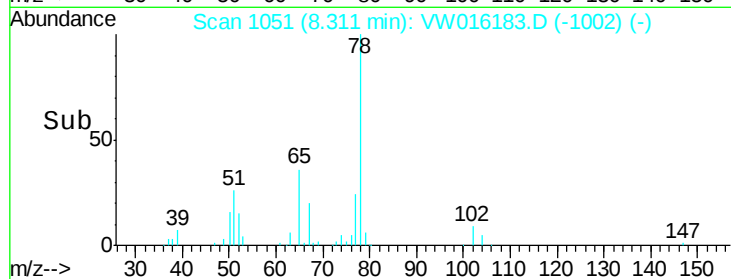
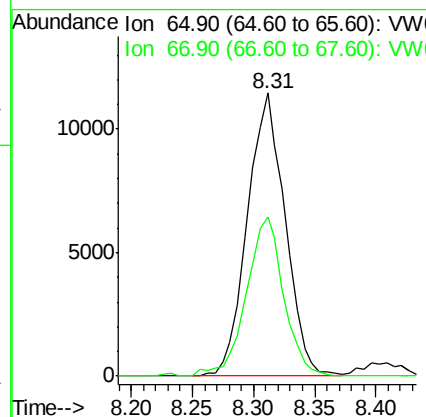
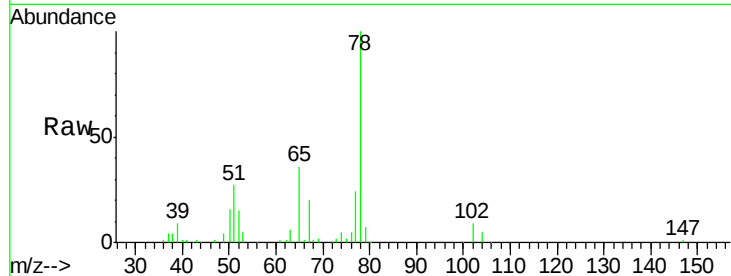
#33
 1,2-Dichloroethane-d4
 Concen: 8.958 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
65	100	24632		
67	55.6	0.0	105.6	

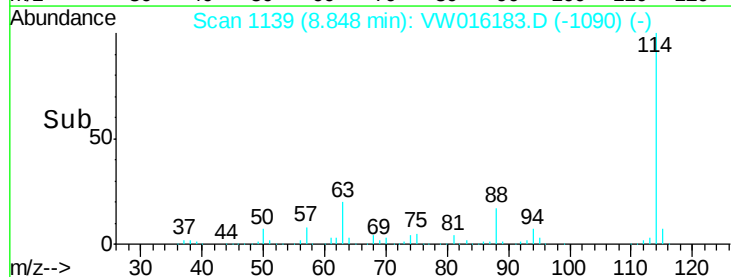
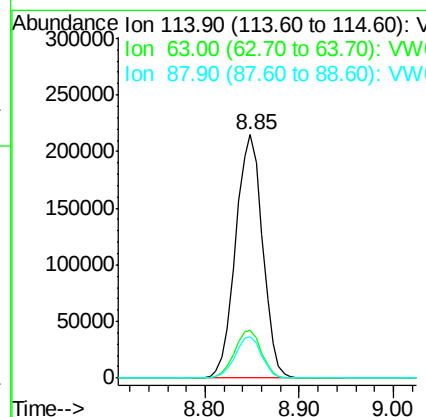
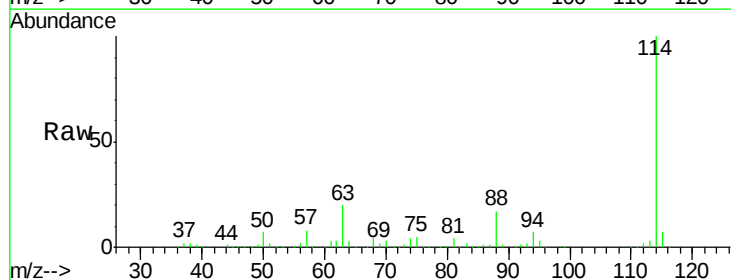
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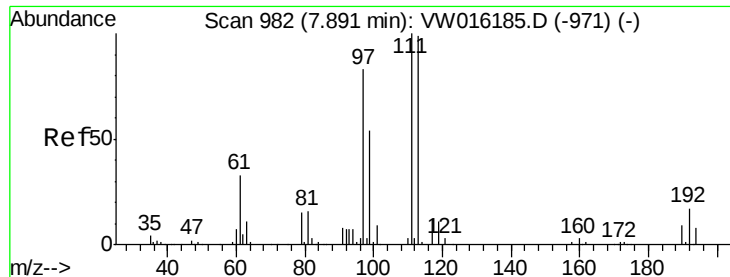
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	427970		
63	19.8	0.0	38.4	
88	16.9	0.0	32.8	





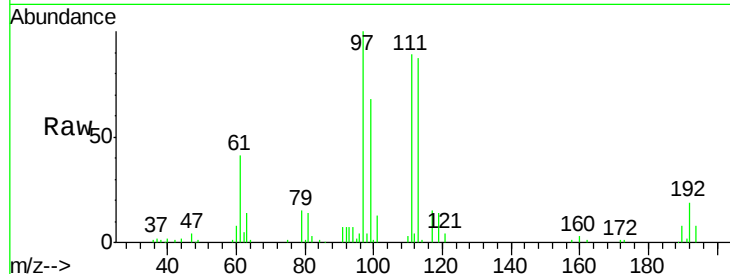
#35
 Dibromofluoromethane
 Concen: 9.810 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

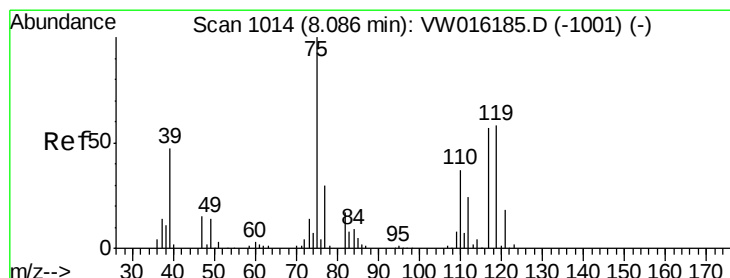
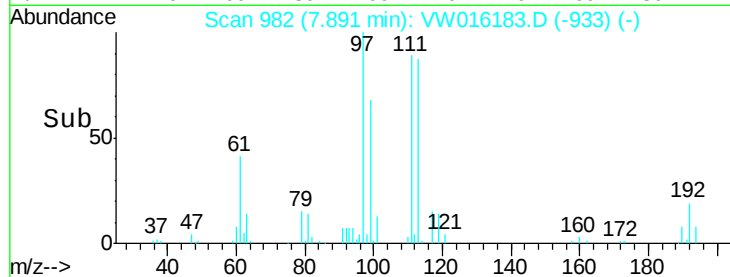
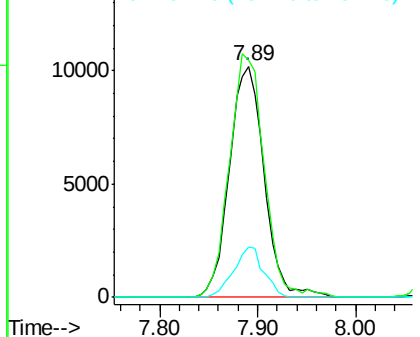
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.5	125.3
192	18.7	14.3	21.5

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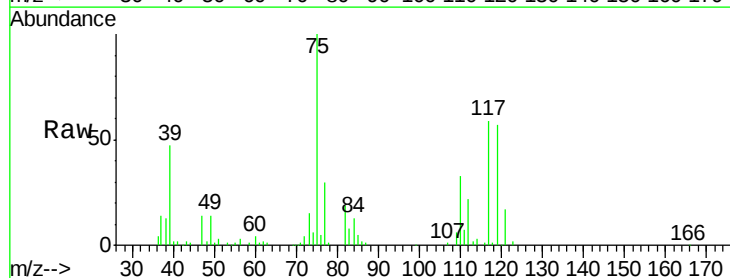


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

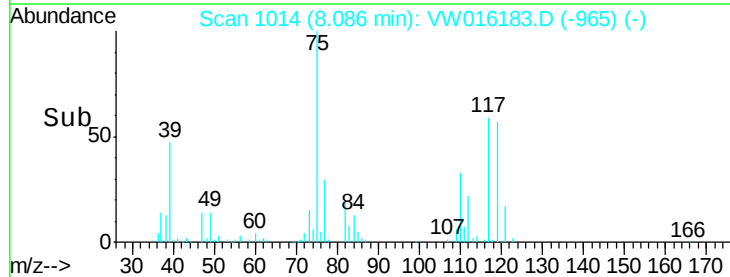
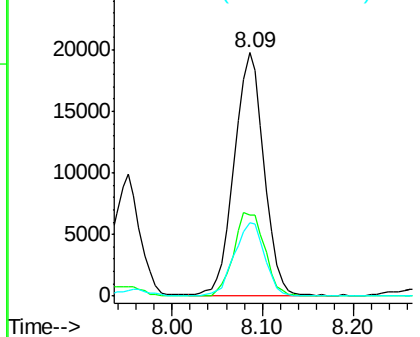


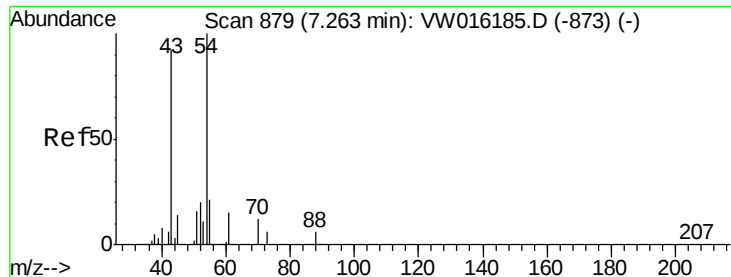
#36
 1,1-Dichloropropene
 Concen: 10.723 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	18.1	54.3
77	31.1	24.7	37.1



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW





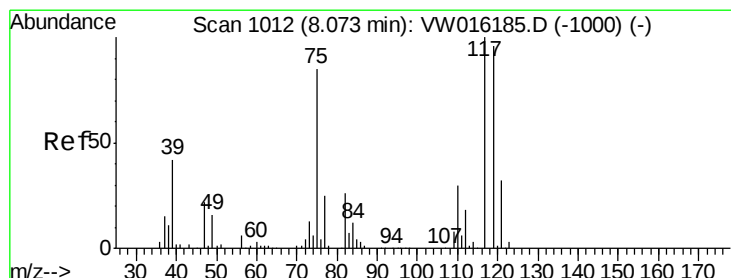
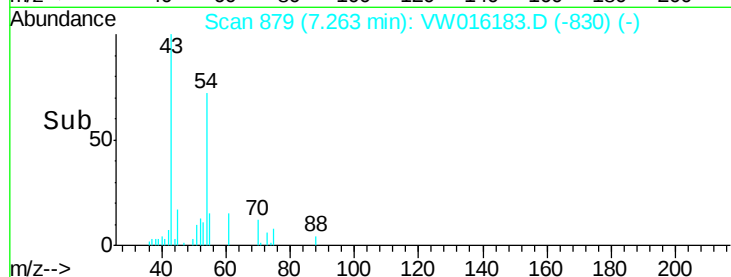
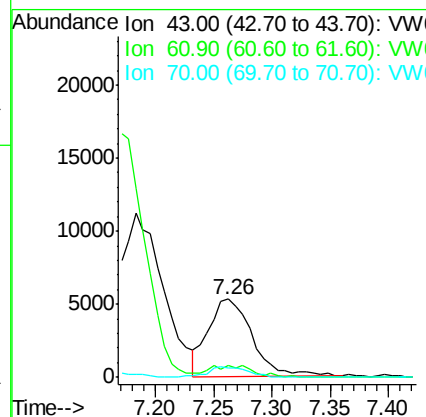
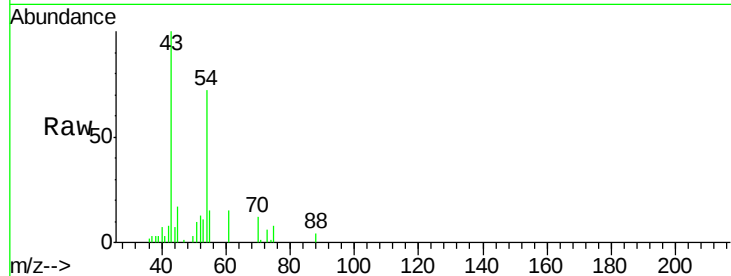
#37
Ethyl Acetate
Concen: 8.384 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.6	18.8
70	12.5	9.8	14.8

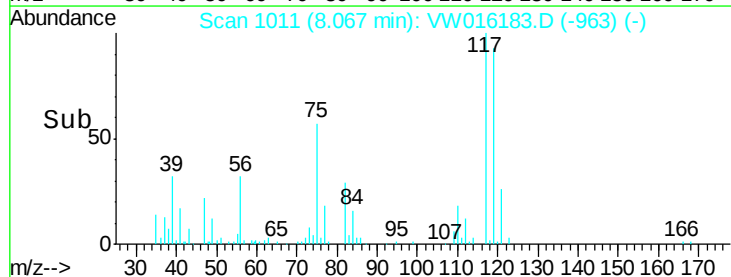
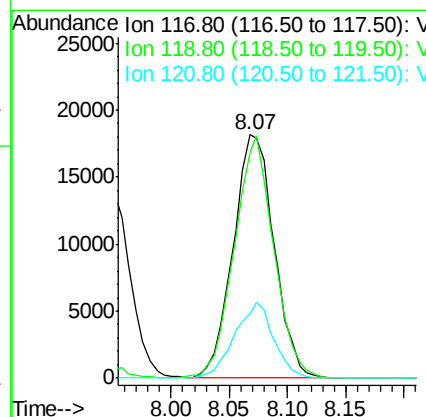
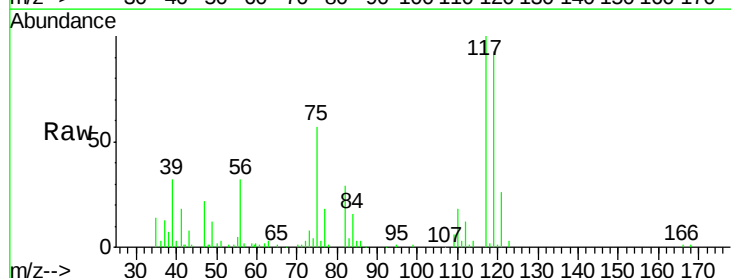
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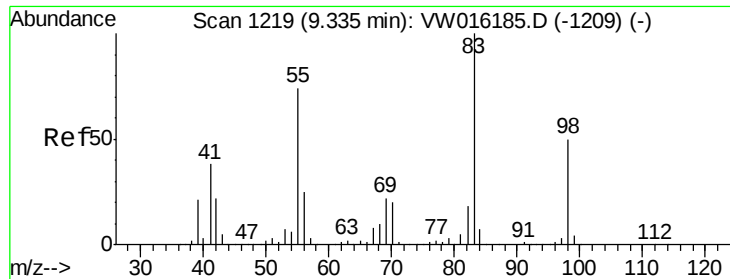
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#38
Carbon Tetrachloride
Concen: 10.944 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	76.6	115.0
121	26.3	25.4	38.0





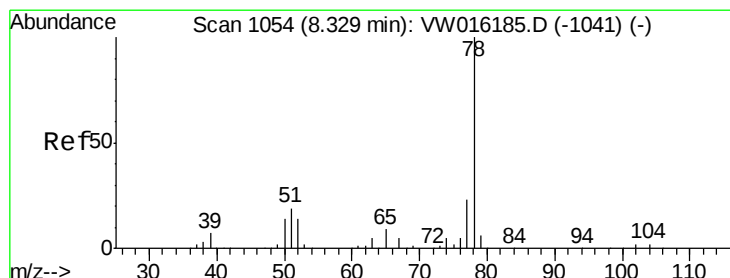
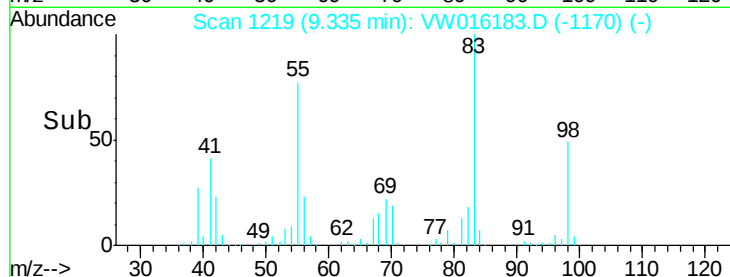
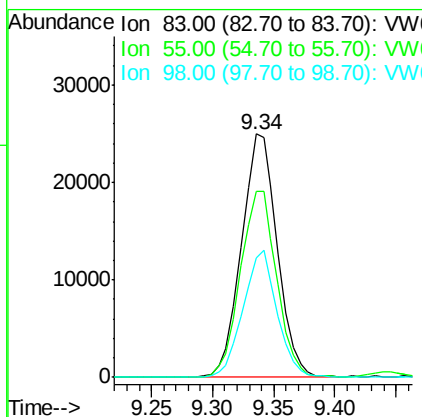
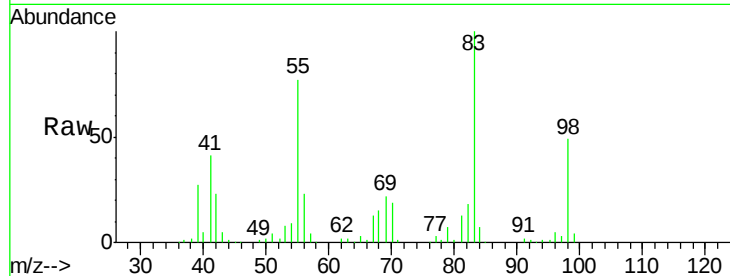
#39
Methvlcvclohexane
Concen: 10.234 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	83	Resp	50692
Ion Ratio	100	Lower	Upper
83	100		
55	76.7	59.2	88.8
98	49.2	40.2	60.2

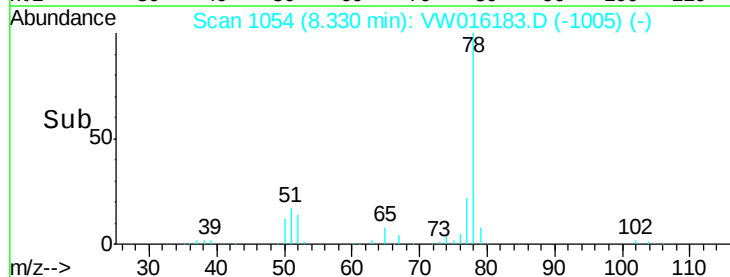
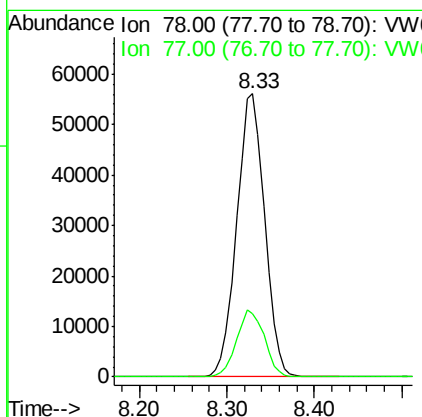
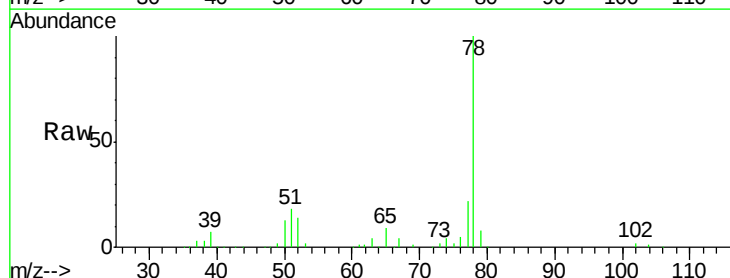
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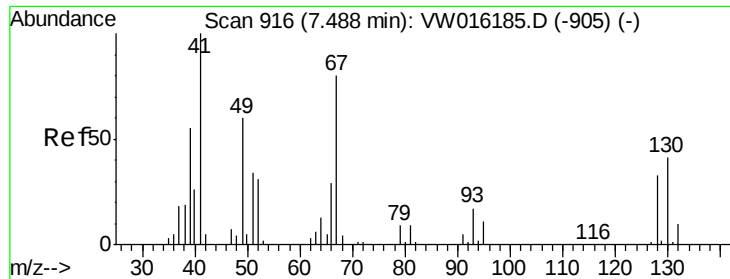
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#40
Benzene
Concen: 10.831 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion	78	Resp	124611
Ion Ratio	100	Lower	Upper
78	100		
77	22.5	18.6	28.0





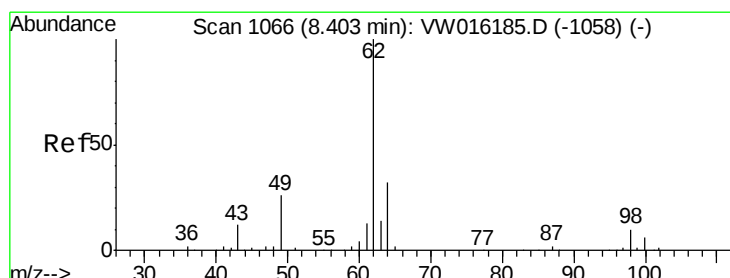
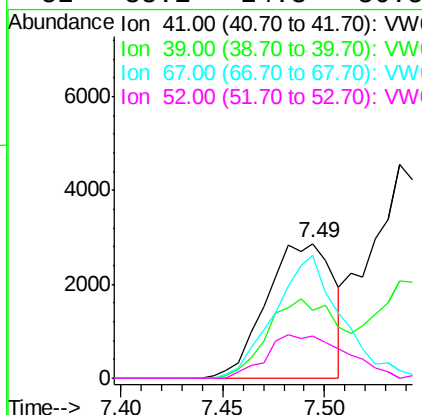
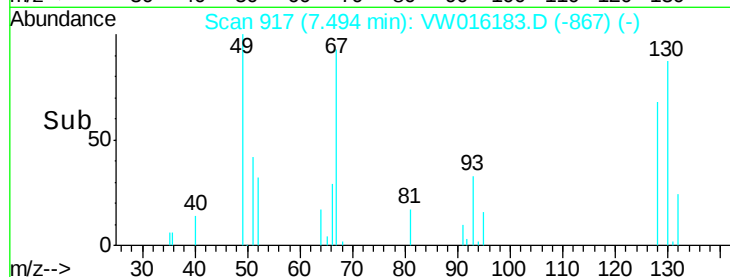
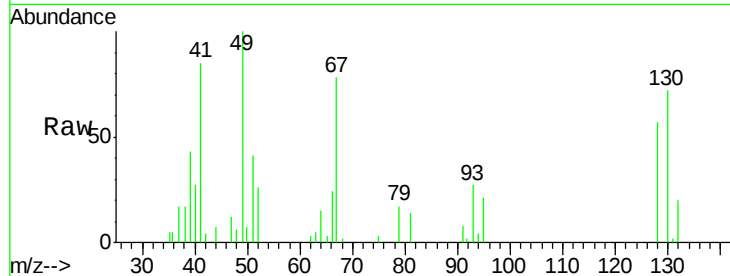
#41
Methacrylonitrile
Concen: 7.196 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
41	100		
39	61.3	43.4	65.2
67	90.0	61.5	92.3
52	38.1	24.3	36.5

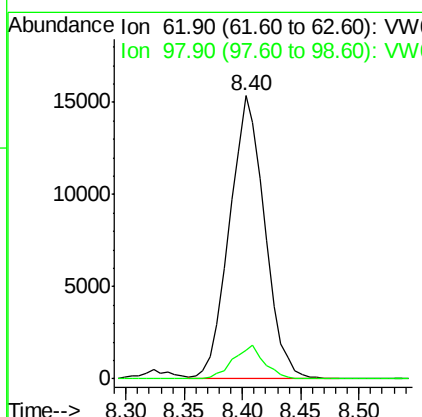
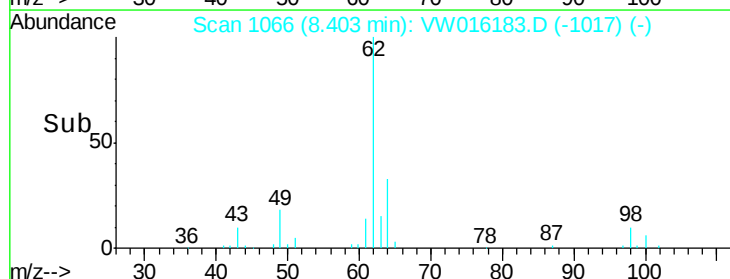
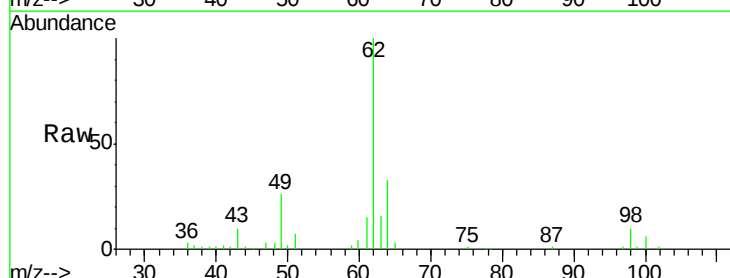
Manual Integrations
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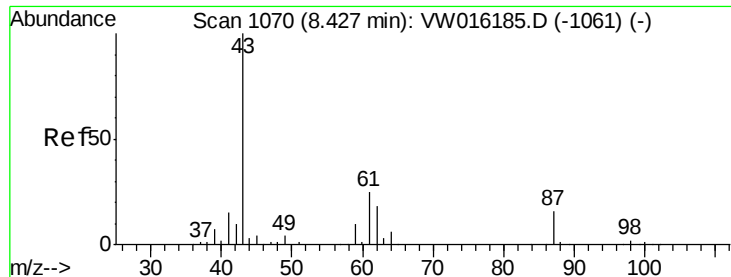
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#42
1,2-Dichloroethane
Concen: 9.230 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.8





#43

Isopropyl Acetate

Concen: 8.370 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_W

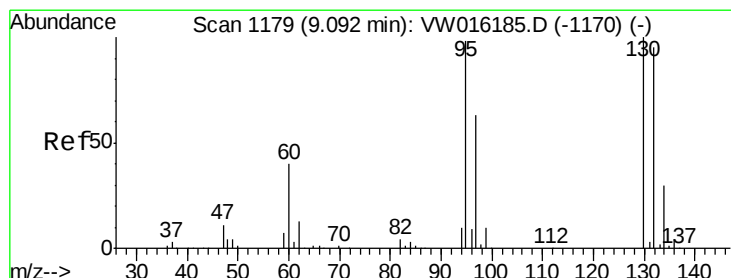
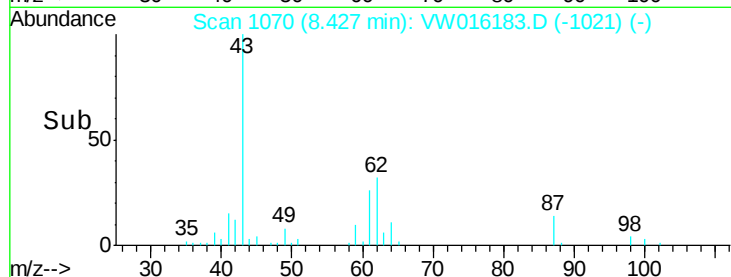
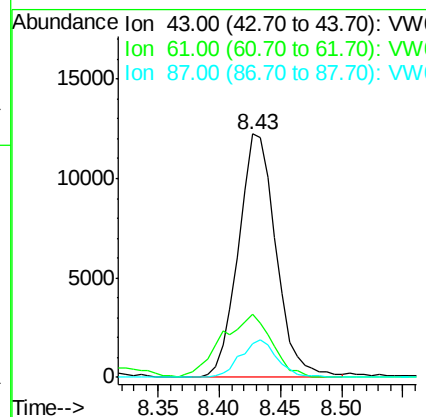
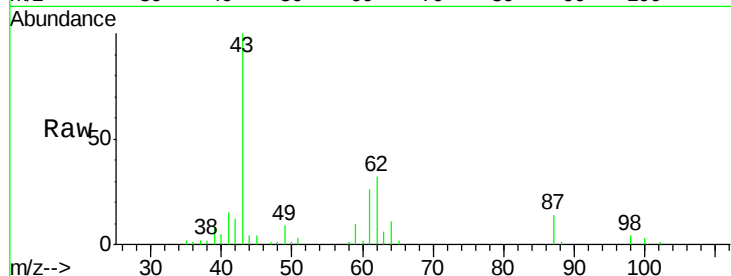
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	26171
Ion	Ratio	Lower	Upper
43	100		
61	34.6	26.9	40.3
87	15.1	12.0	18.0

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#44

Trichloroethene

Concen: 11.670 ug/l

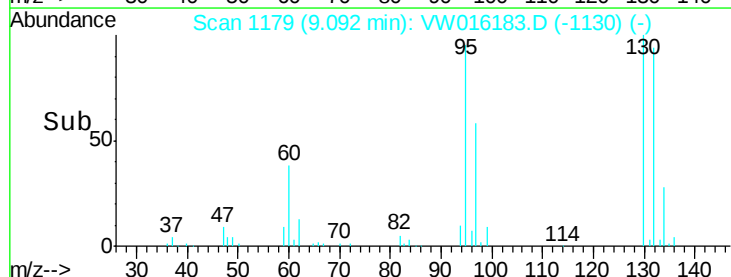
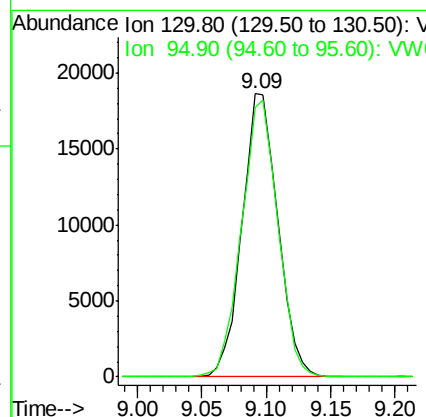
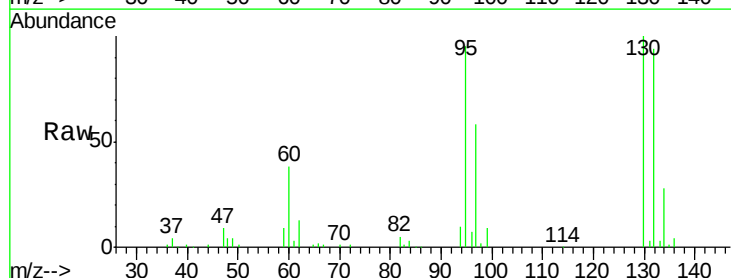
RT: 9.09 min Scan# 1179

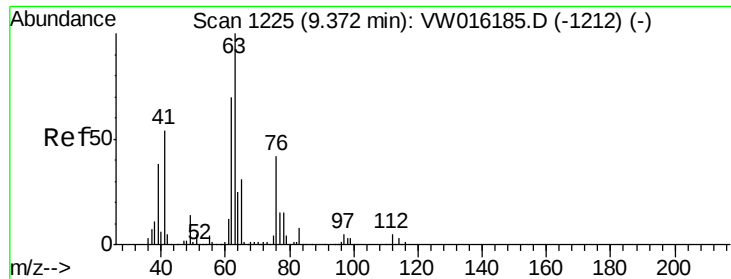
Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Tgt Ion:	130	Resp:	35785
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	196.4





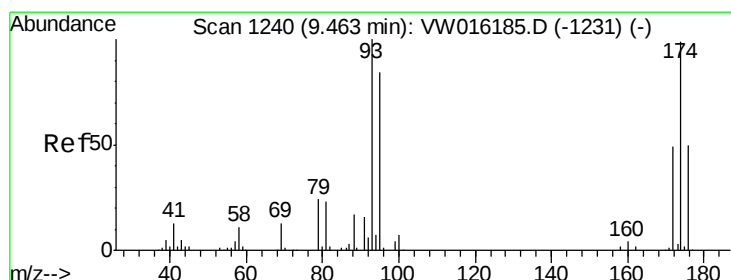
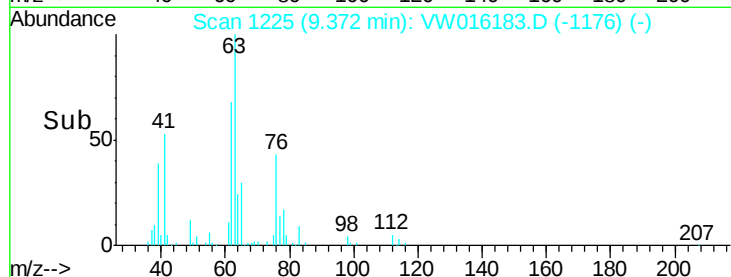
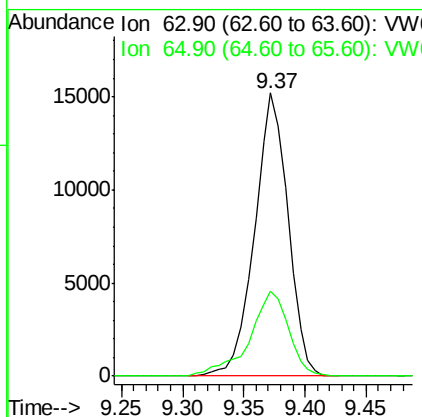
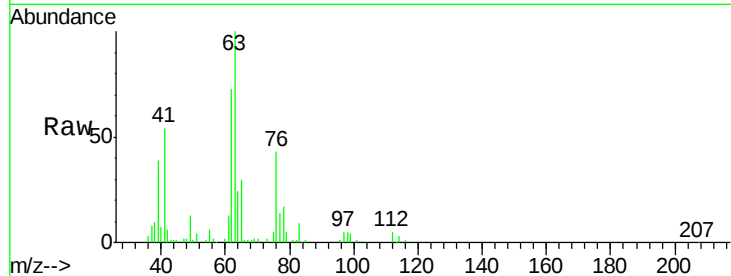
#45
 1,2-Dichloropropane
 Concen: 10.310 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	25.0	37.6

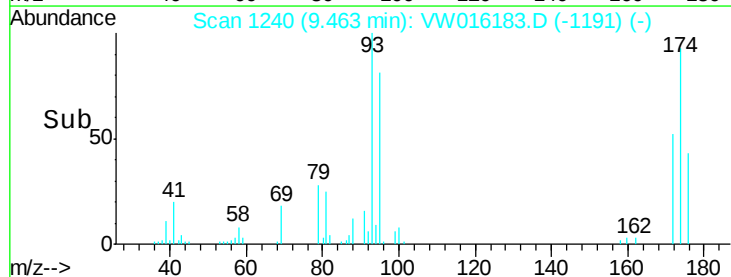
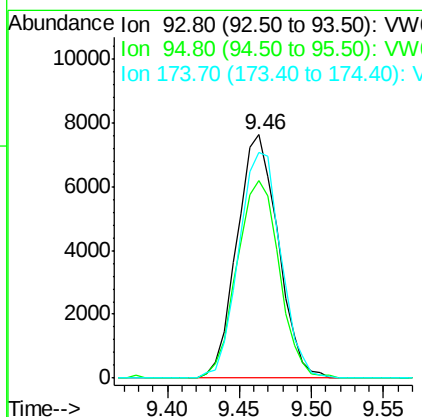
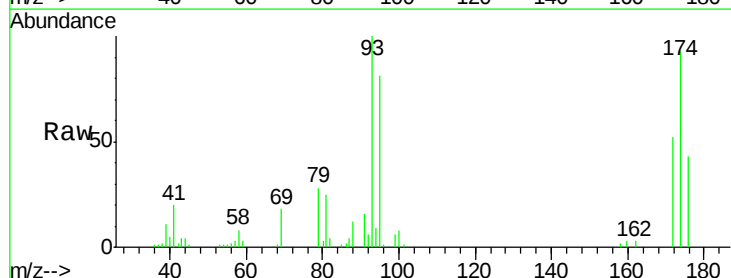
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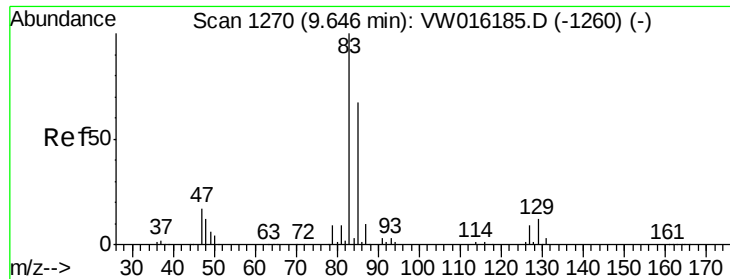
MMDadoda
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#46
 Dibromomethane
 Concen: 10.409 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	65.9	98.9
174	94.5	77.0	115.6





#47

Bromodichloromethane

Concen: 10.333 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_W

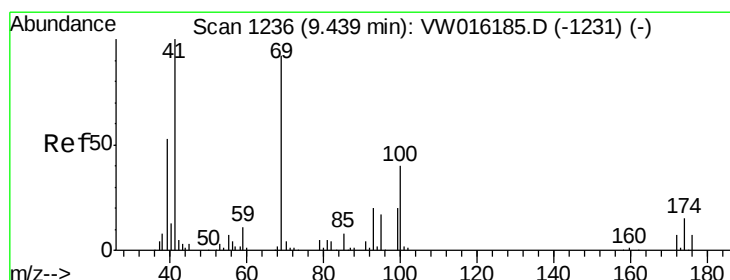
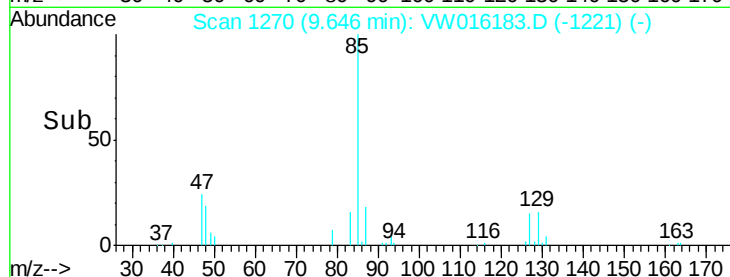
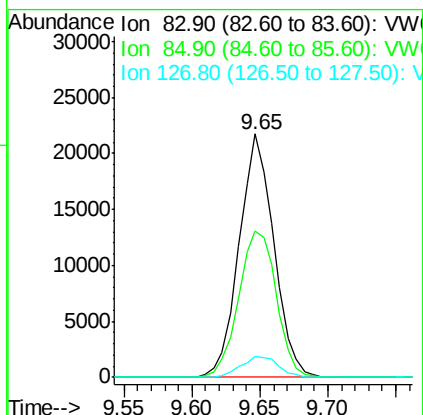
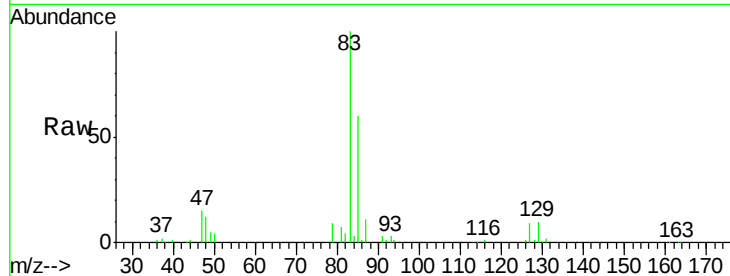
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	38738
Ion	Ratio	Lower	Upper
83	100		
85	59.9	53.3	79.9
127	8.7	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 8.494 ug/l

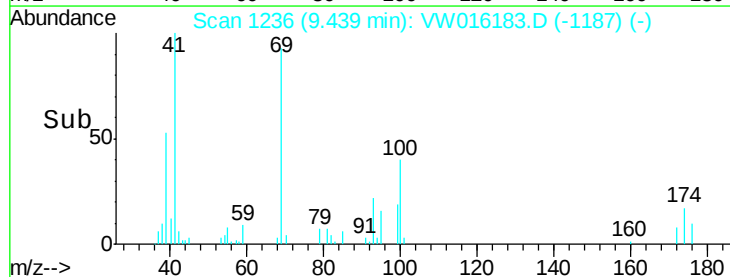
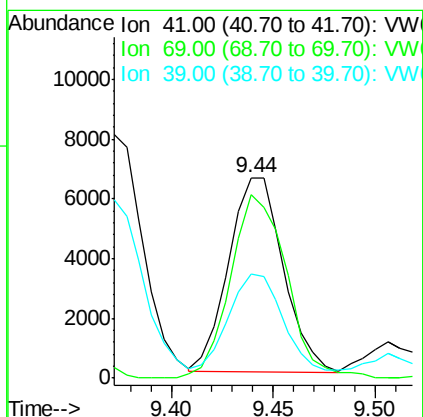
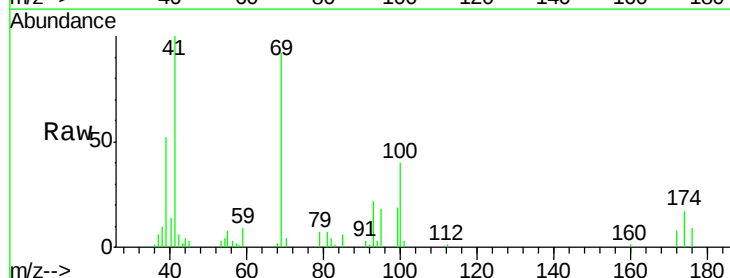
RT: 9.44 min Scan# 1236

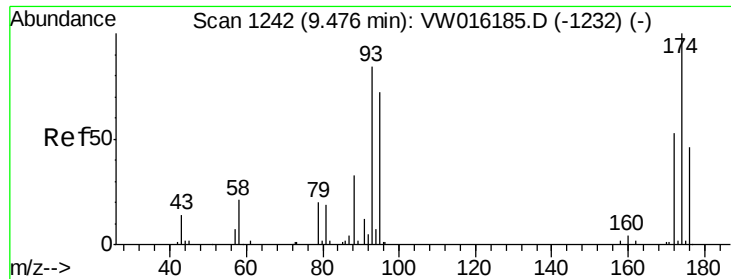
Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Tgt Ion:	41	Resp:	12137
Ion	Ratio	Lower	Upper
41	100		
69	96.9	77.4	116.0
39	49.6	42.2	63.2





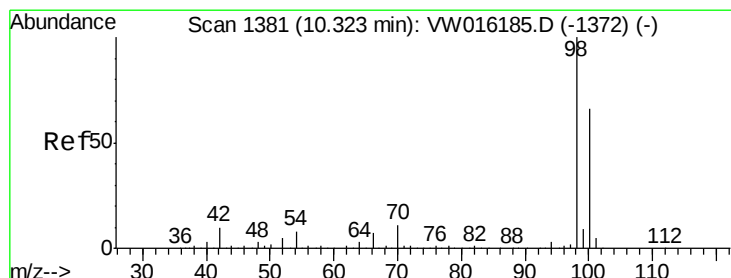
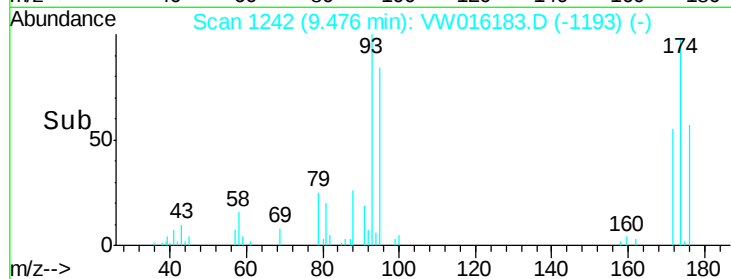
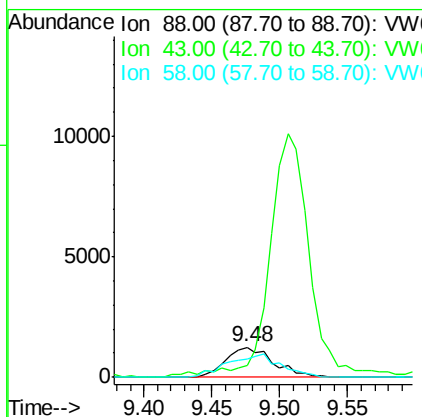
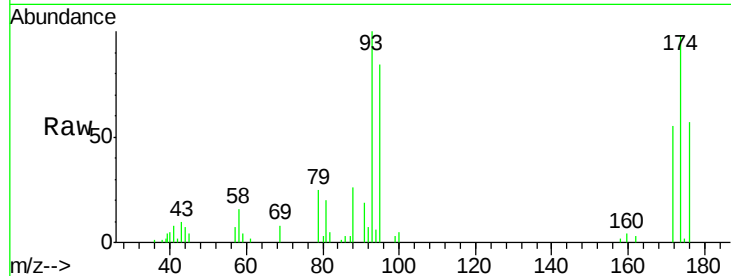
#49
 1,4-Dioxane
 Concen: 167.840 ug/l
 RT: 9.48 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	88	Resp	3067
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	85.2	56.6	84.8#

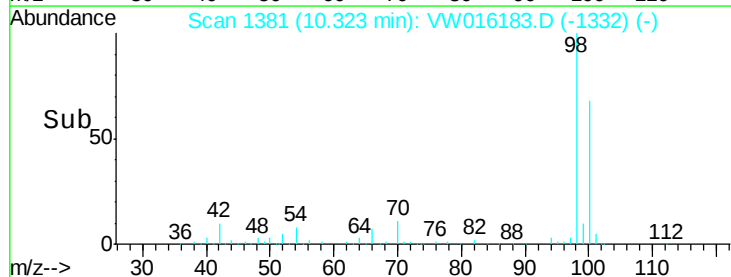
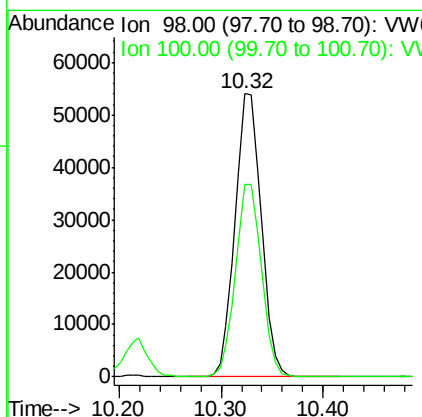
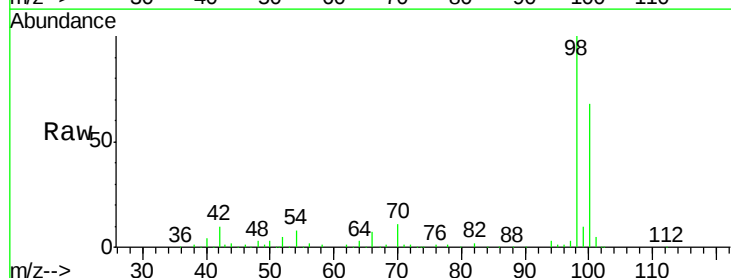
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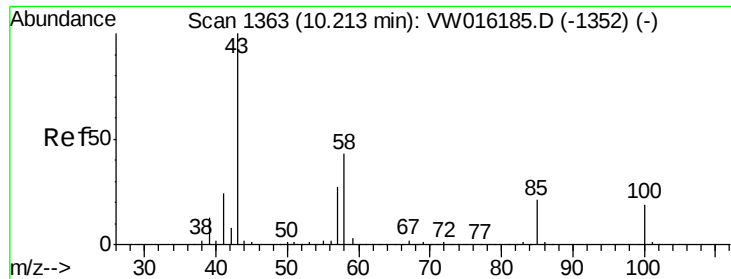
MMDadoda
 8/17/2020 5:46:25 PM



#50
 Toluene-d8
 Concen: 9.726 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Tgt Ion	98	Resp	96031
Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 43.830 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 67147

Ion Ratio Lower Upper

43 100

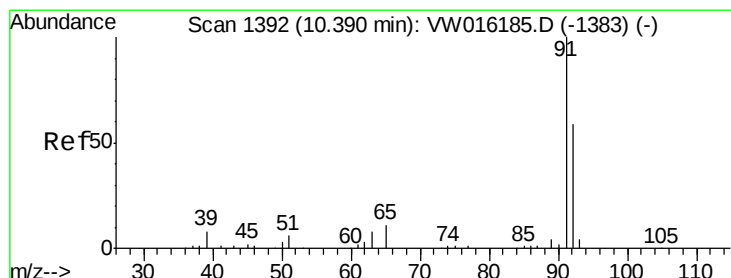
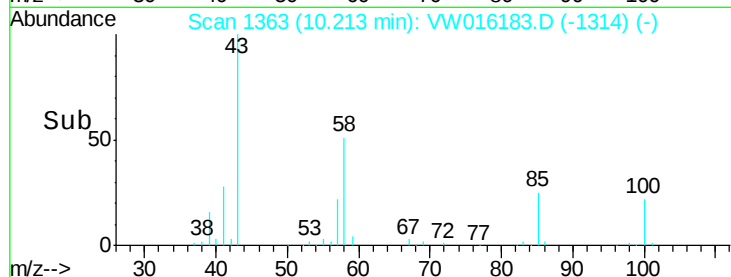
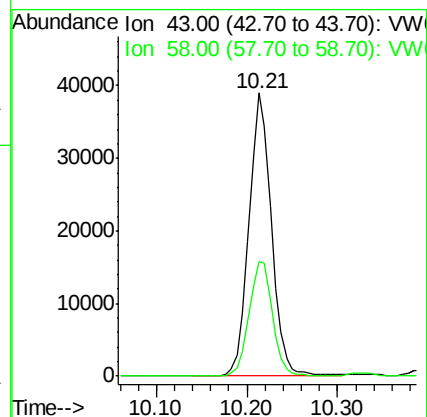
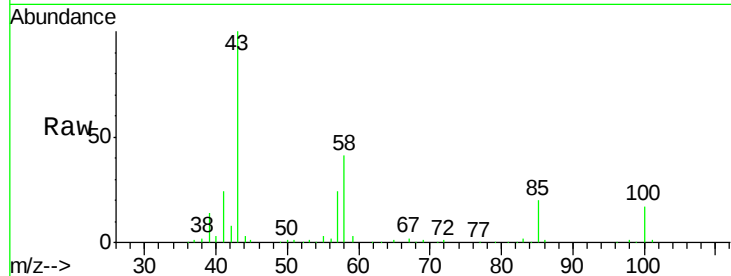
58 41.9 33.7 50.5

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#52

Toluene

Concen: 10.703 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016183.D

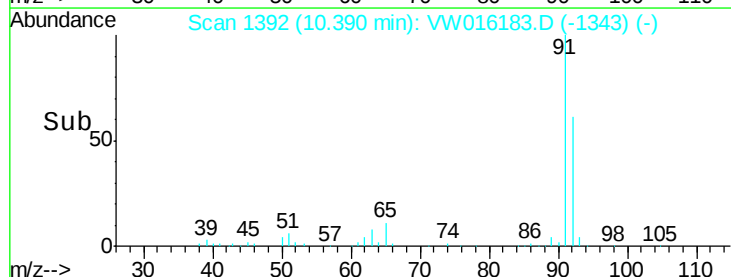
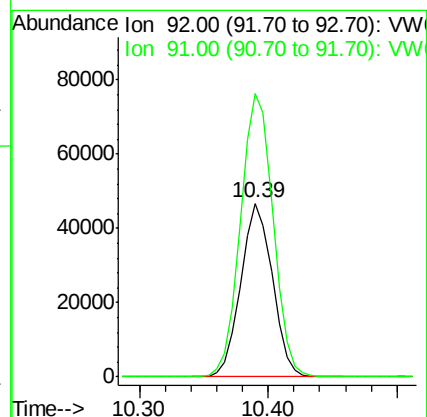
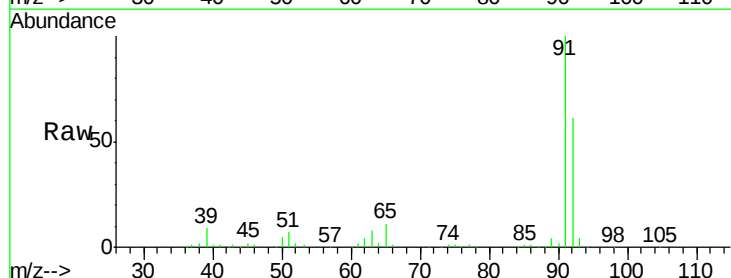
Acq: 14 Aug 2020 10:14

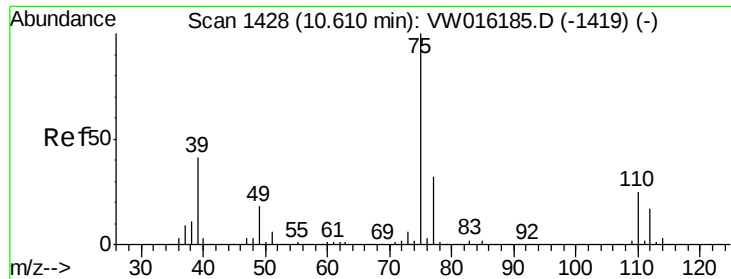
Tgt Ion: 92 Resp: 79384

Ion Ratio Lower Upper

92 100

91 167.7 133.3 199.9





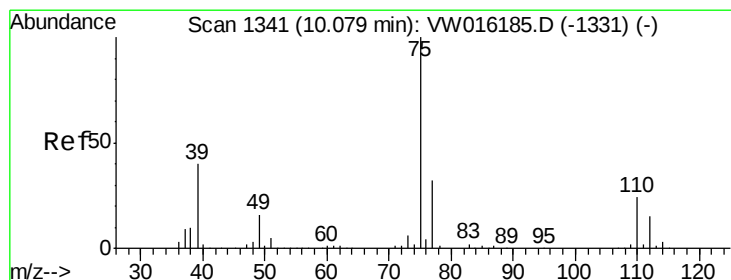
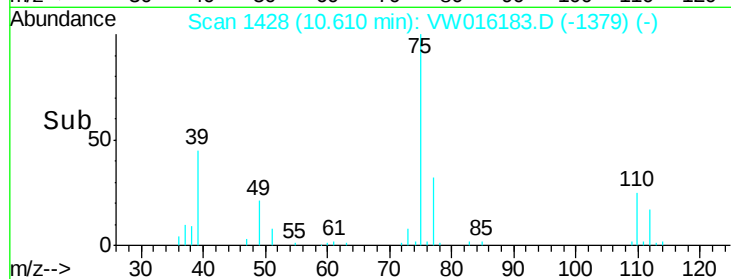
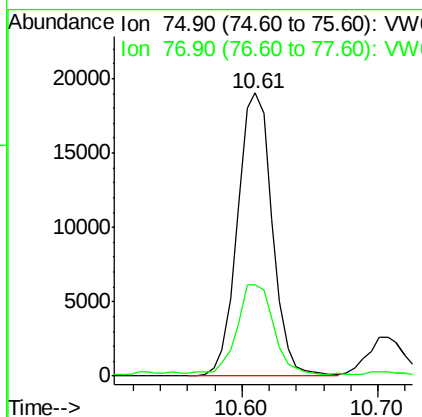
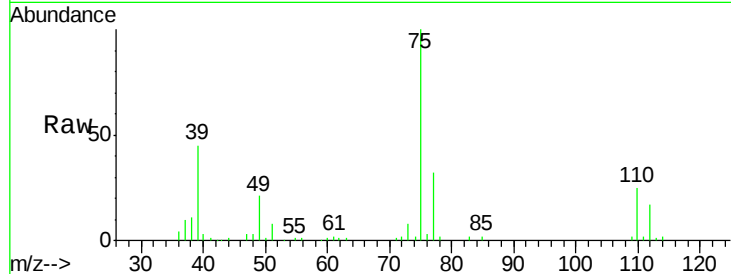
#53
 t-1,3-Dichloropropene
 Concen: 9.468 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion: 75 Resp: 33960
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.6 38.4

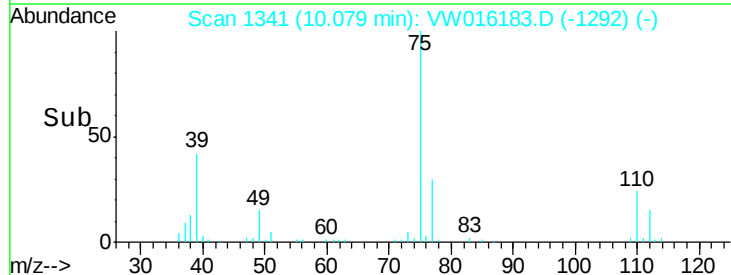
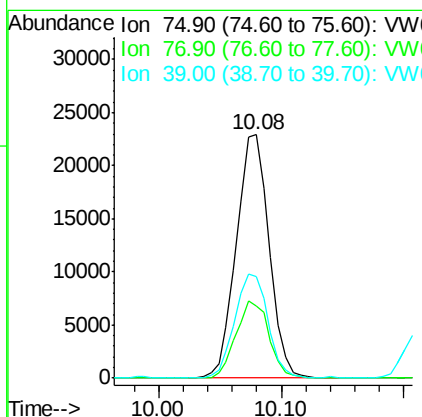
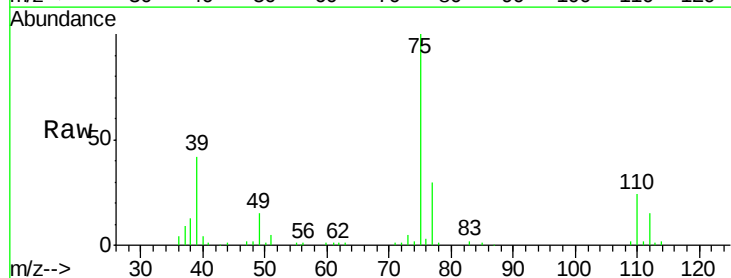
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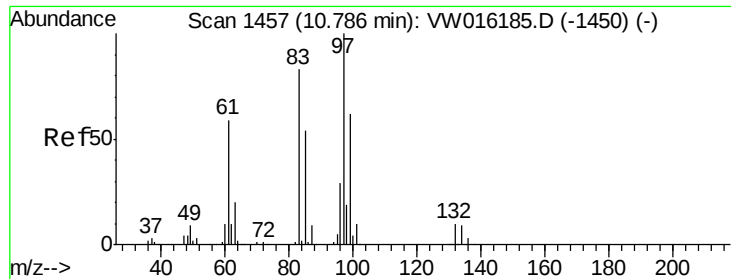
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#54
 cis-1,3-Dichloropropene
 Concen: 9.872 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Tgt Ion: 75 Resp: 42637
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.3 37.9
 39 41.7 32.3 48.5





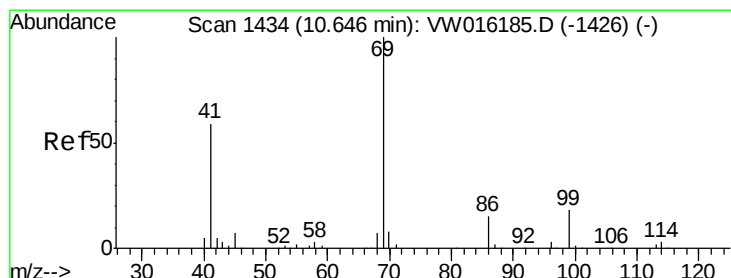
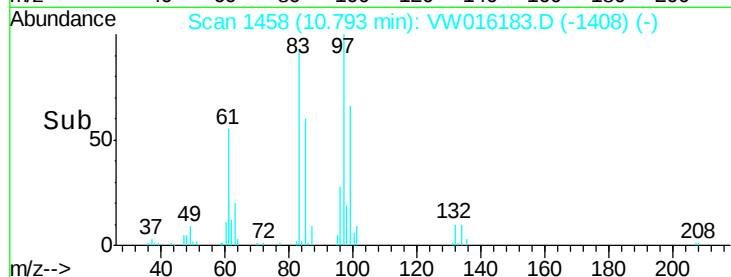
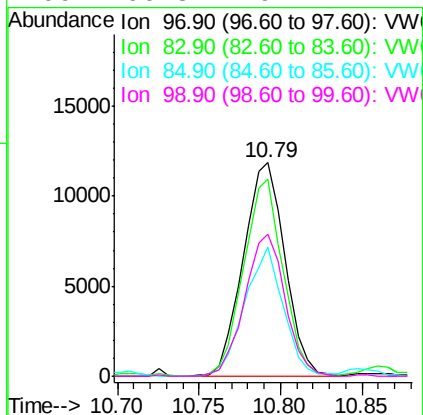
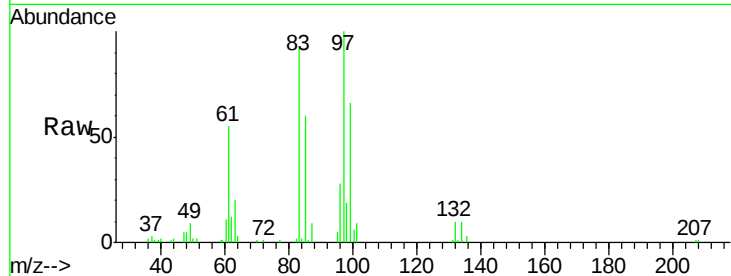
#55
 1,1,2-Trichloroethane
 Concen: 10.429 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion:	97	Resp:	21101
Ion	Ratio	Lower	Upper
97	100		
83	92.2	66.6	100.0
85	60.5	43.0	64.4
99	66.3	49.4	74.2

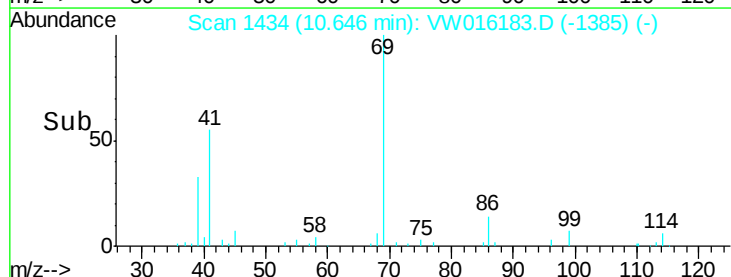
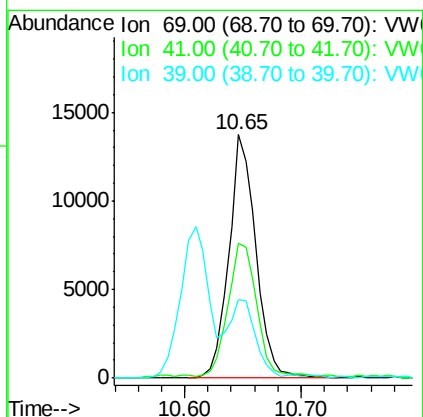
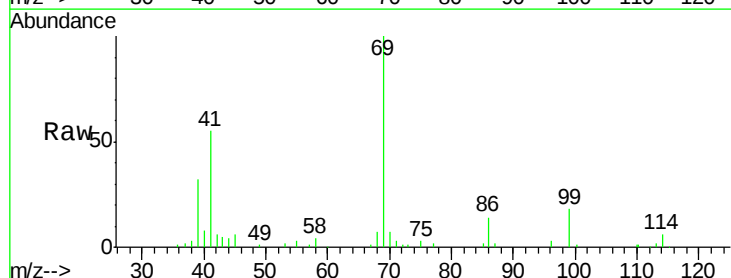
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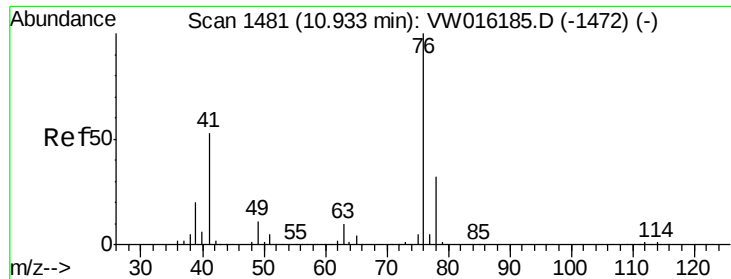
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#56
 Ethyl methacrylate
 Concen: 8.938 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Tgt Ion:	69	Resp:	22230
Ion	Ratio	Lower	Upper
69	100		
41	58.8	47.6	71.4
39	28.4	24.6	36.8





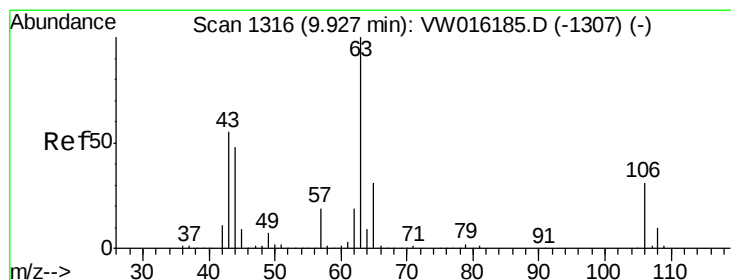
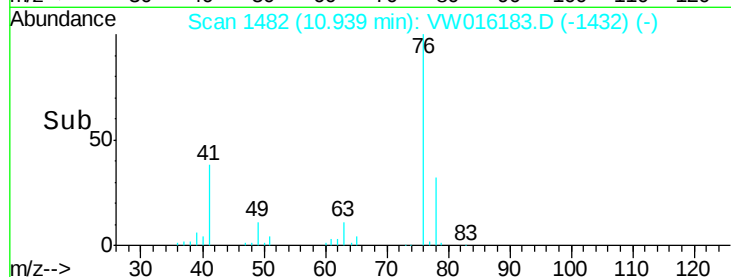
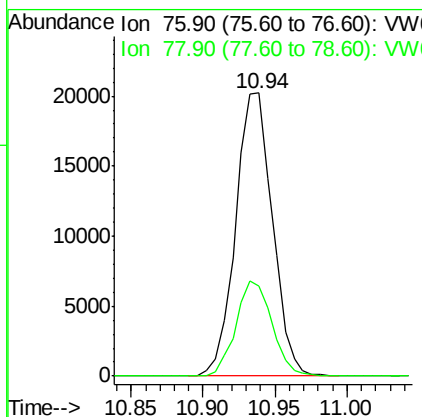
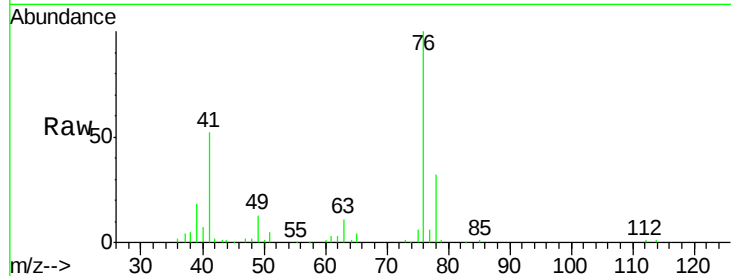
#57
 1,3-Dichloropropane
 Concen: 10.039 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.1	25.8	38.8

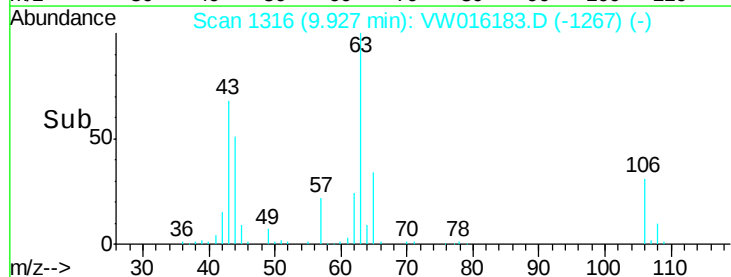
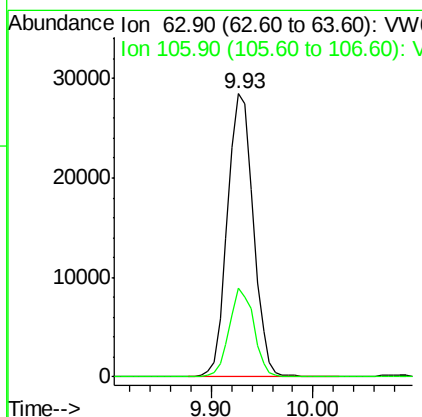
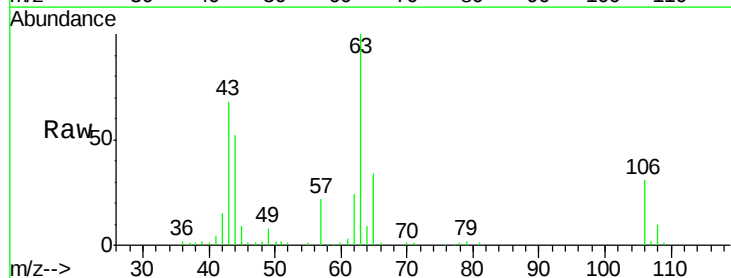
Manual Integrations
 APPROVED

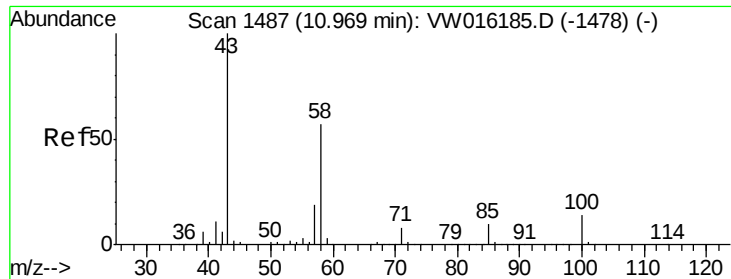
MMDadoda
 8/17/2020 5:46:25 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 41.618 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	24.9	37.3





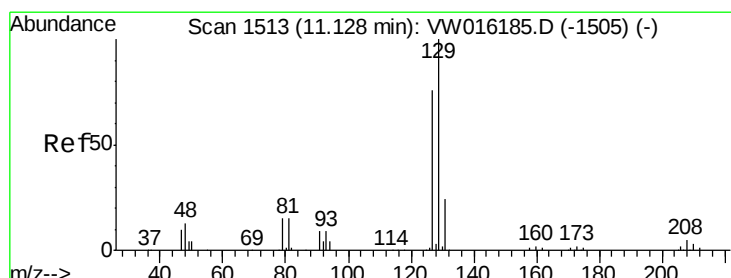
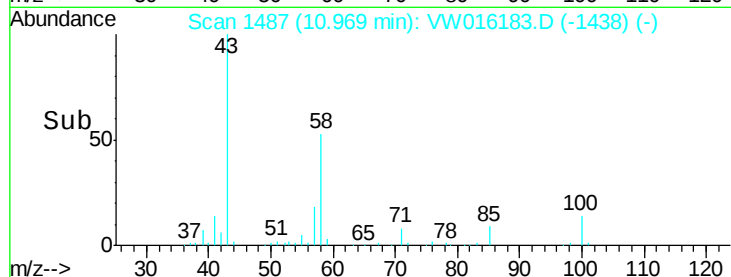
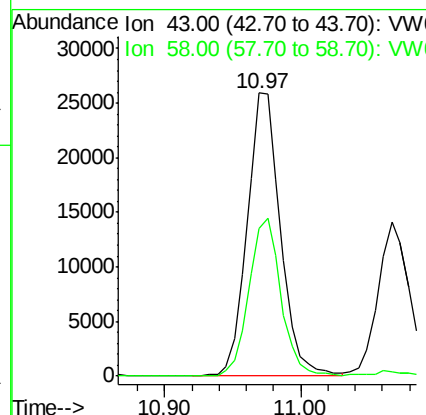
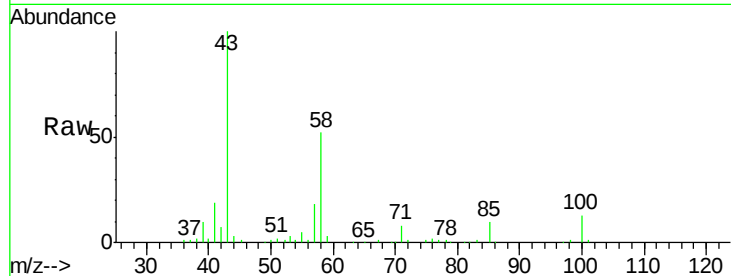
#59
2-Hexanone
Concen: 43.457 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 44544
Ion Ratio Lower Upper
43 100
58 53.7 28.8 86.5

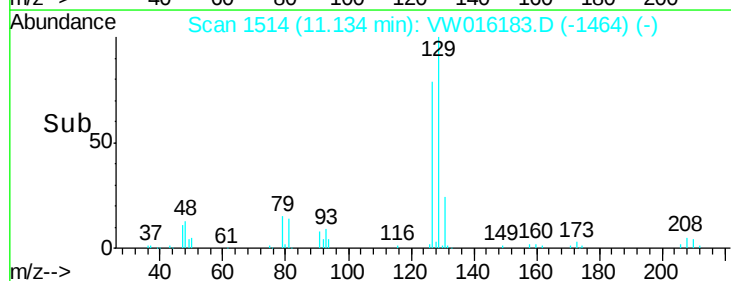
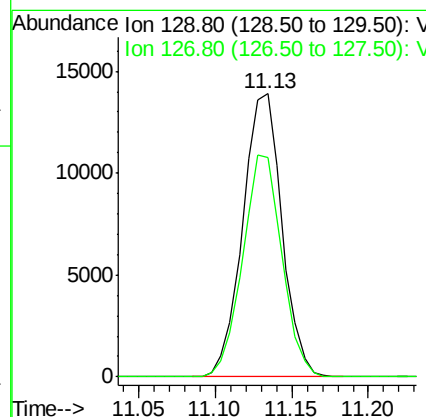
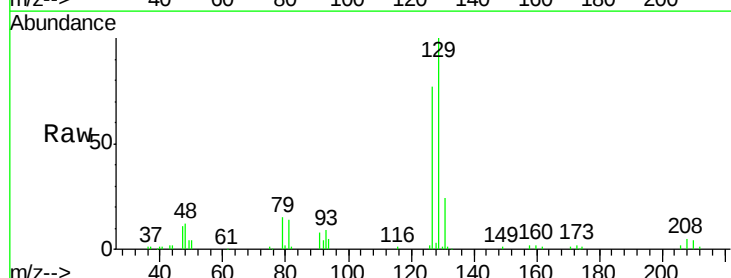
Manual Integrations
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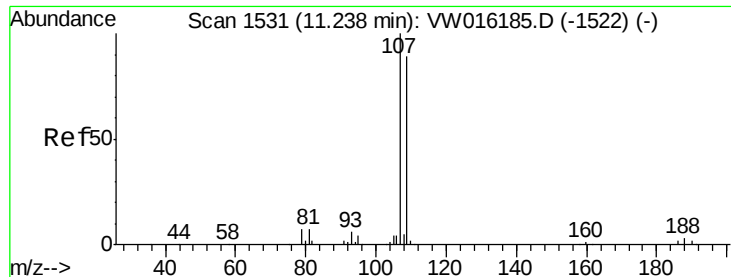
MMDadoda
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#60
Dibromochloromethane
Concen: 10.485 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion: 129 Resp: 24709
Ion Ratio Lower Upper
129 100
127 78.2 38.3 114.8





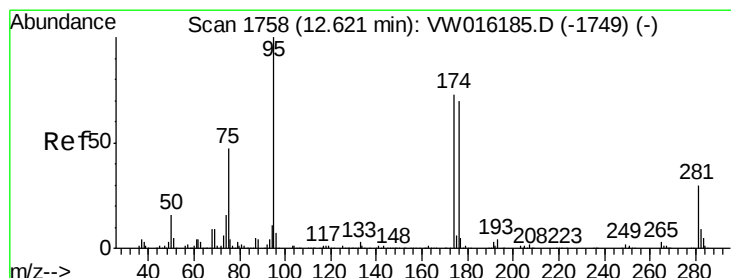
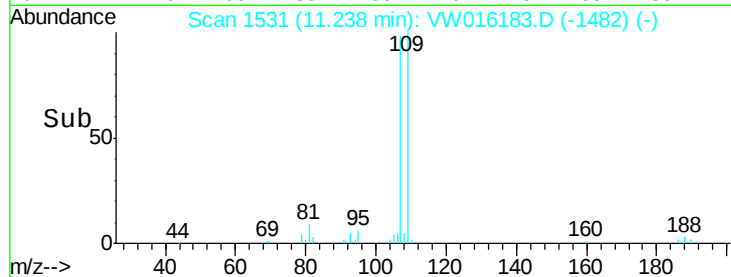
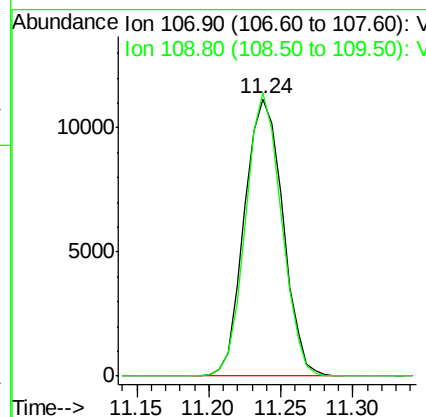
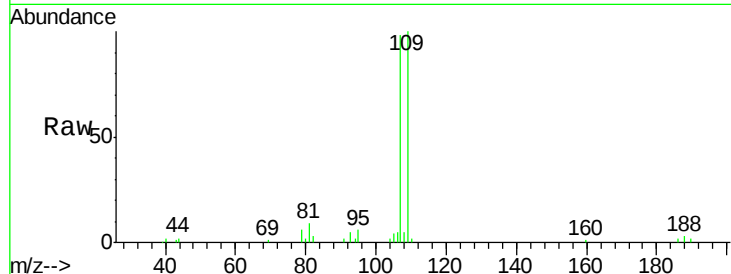
#61
 1,2-Dibromoethane
 Concen: 10.568 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion: 107 Resp: 20659
 Ion Ratio Lower Upper
 107 100
 109 94.8 74.7 112.1

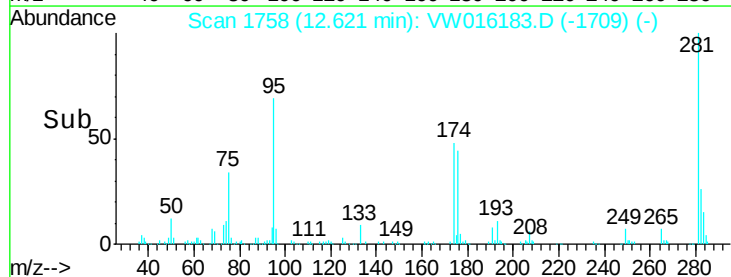
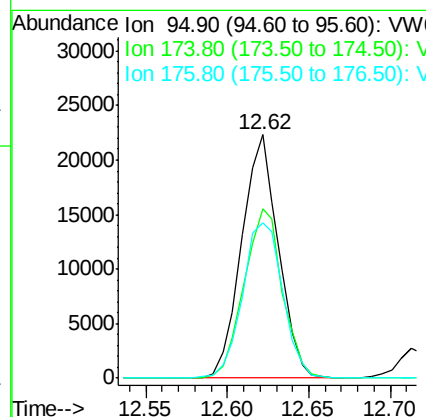
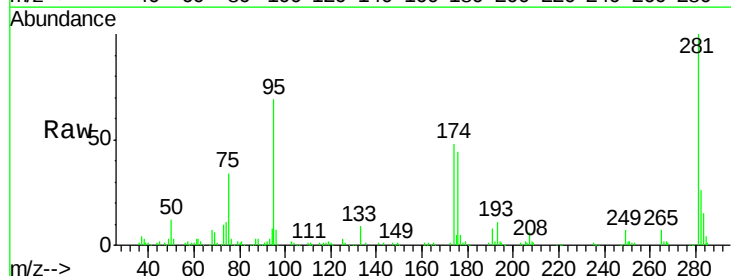
Manual Integrations
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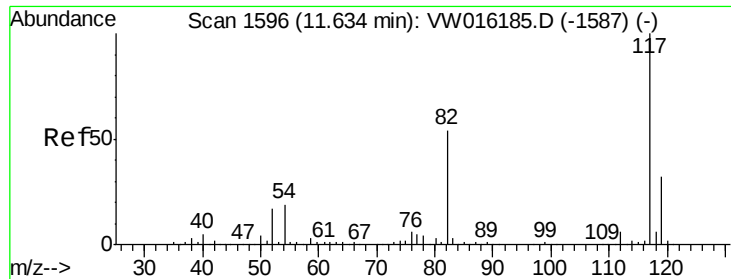
MMDadoda
 8/17/2020 5:46:25 PM



#62
 4-Bromofluorobenzene
 Concen: 9.749 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Tgt Ion: 95 Resp: 34902
 Ion Ratio Lower Upper
 95 100
 174 73.0 0.0 145.6
 176 70.0 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_W

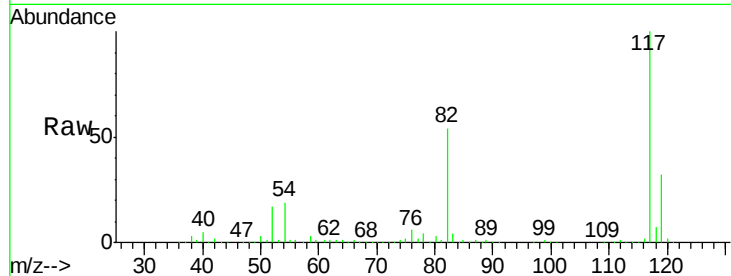
ClientSampleId :

VSTDIC010

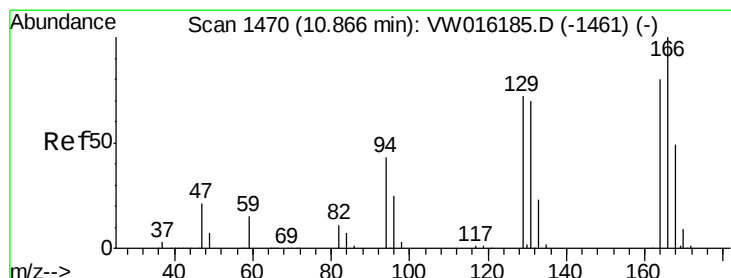
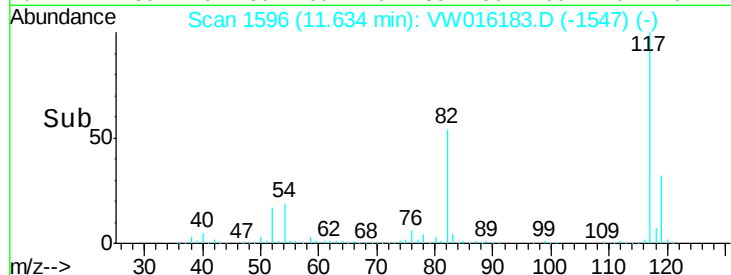
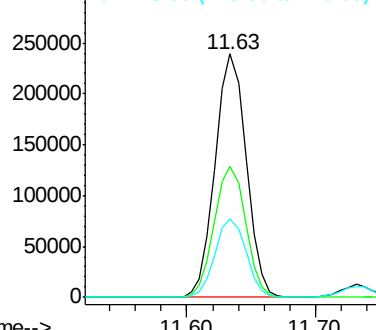
Tot Ion:	117	Resp:	399957
Ion Ratio	Lower	Upper	
117	100		
82	53.9	43.6	65.4
119	32.3	25.4	38.0

Manual Integrations
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Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 10.646 ug/l

RT: 10.87 min Scan# 1470

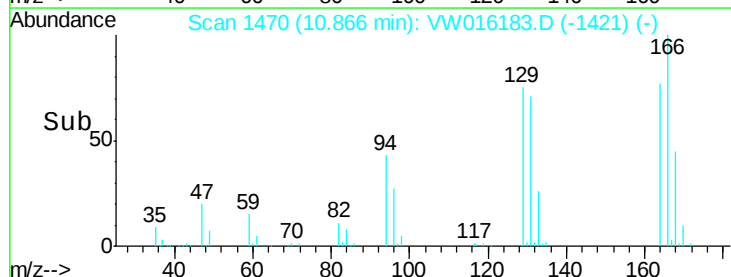
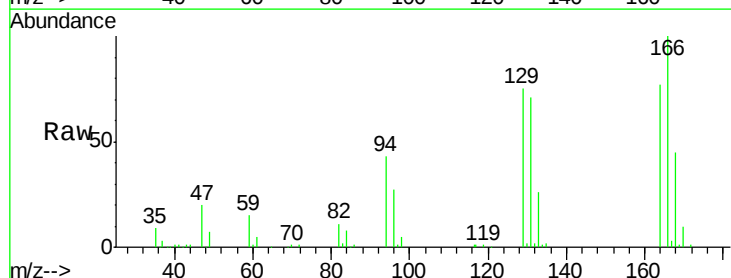
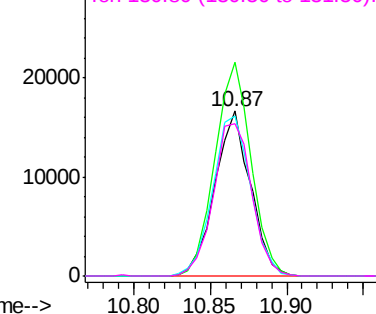
Delta R.T. 0.00 min

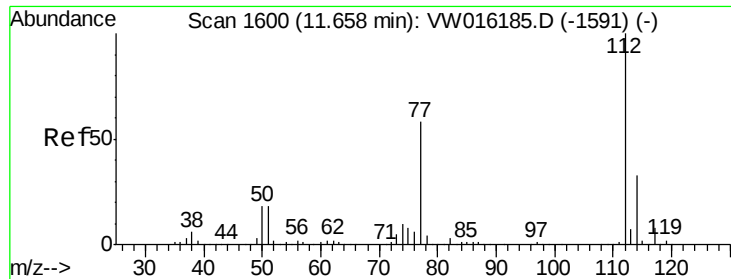
Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Tgt Ion:	164	Resp:	26912
Ion Ratio	Lower	Upper	
164	100		
166	129.4	100.3	150.5
129	97.3	72.2	108.4
131	92.5	70.7	106.1

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 10.810 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:112 Resp: 84236

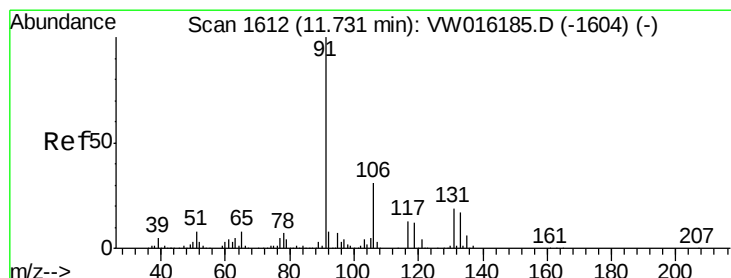
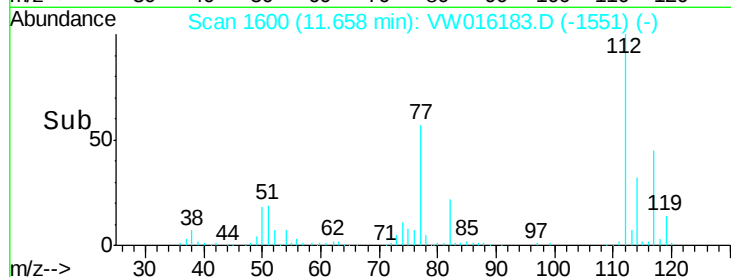
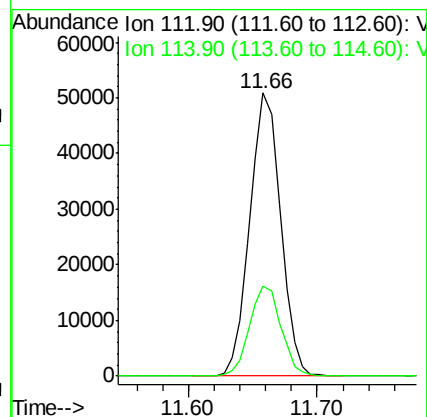
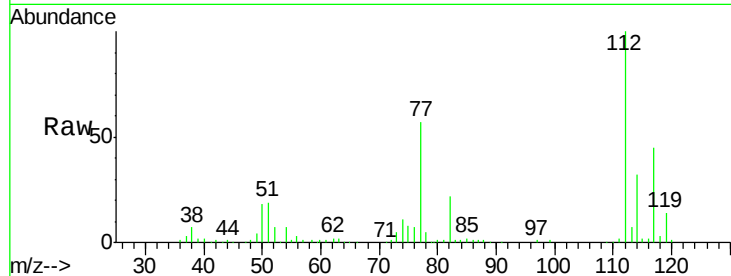
Ion Ratio Lower Upper

112 100

114 31.9 26.6 39.8

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 10.438 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

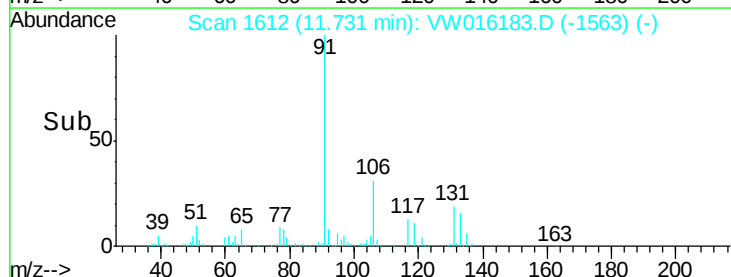
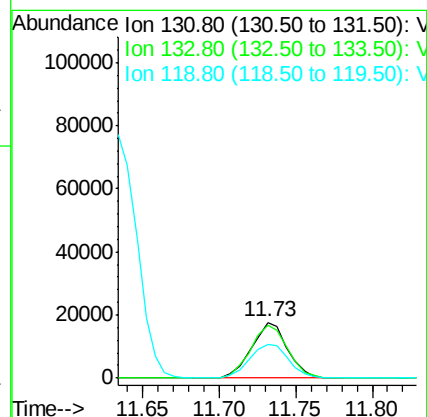
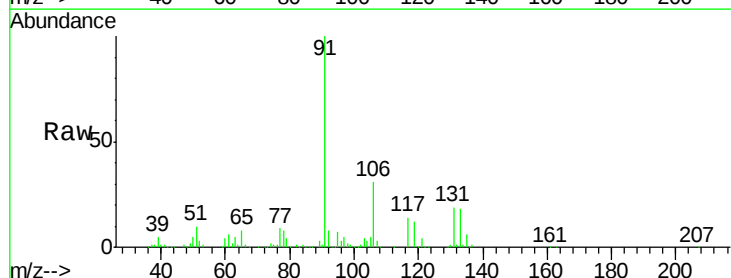
Tgt Ion:131 Resp: 28759

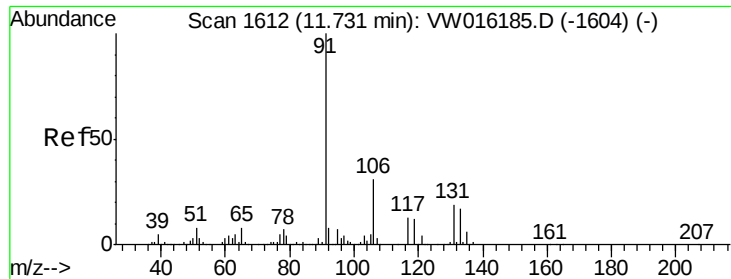
Ion Ratio Lower Upper

131 100

133 97.5 47.1 141.3

119 66.6 33.1 99.3





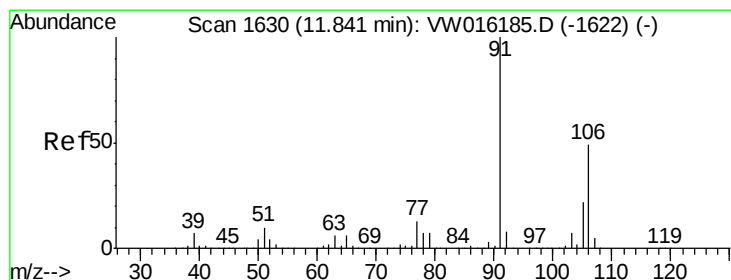
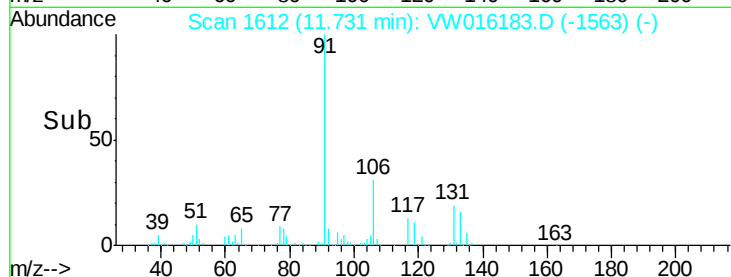
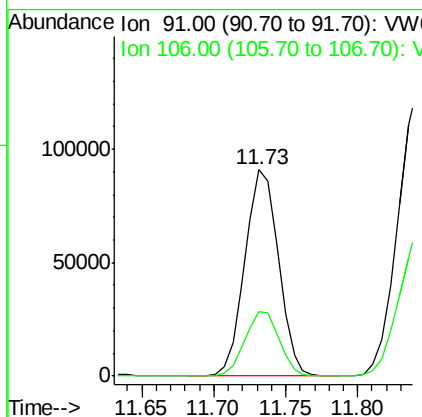
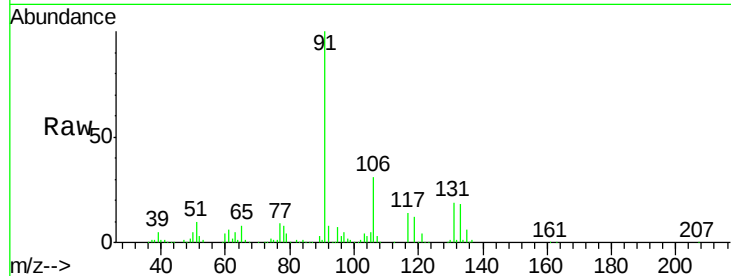
#67
Ethyl Benzene
Concen: 10.179 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 146894
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

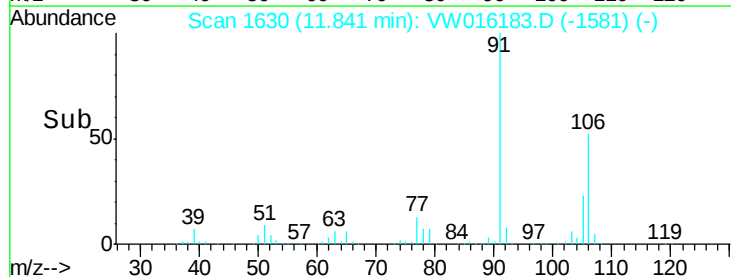
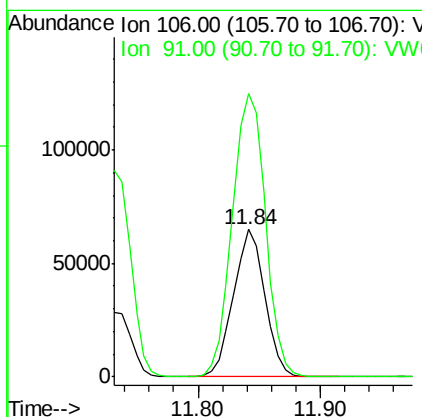
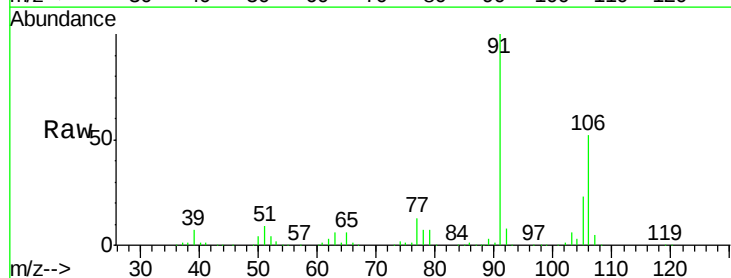
Manual Integrations
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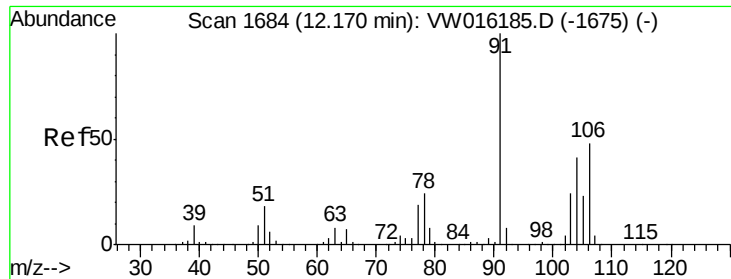
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#68
m/p-Xylenes
Concen: 21.254 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion: 106 Resp: 115215
Ion Ratio Lower Upper
106 100
91 203.3 161.4 242.2





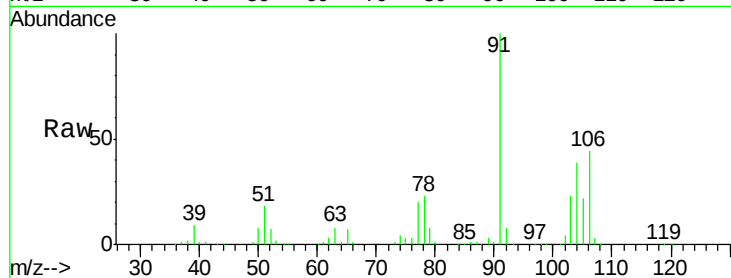
#69
o-Xylene
Concen: 9.964 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

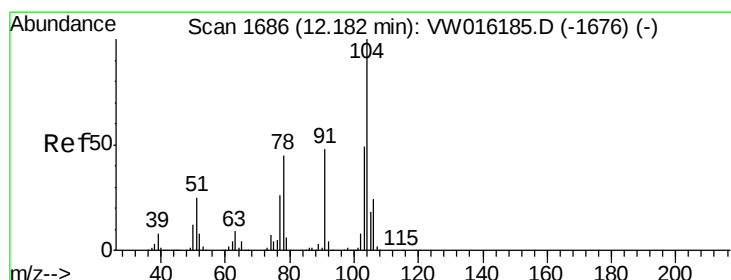
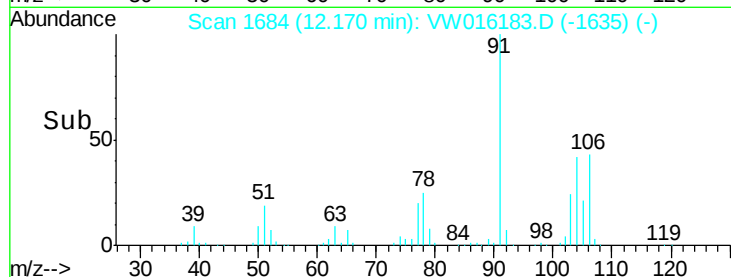
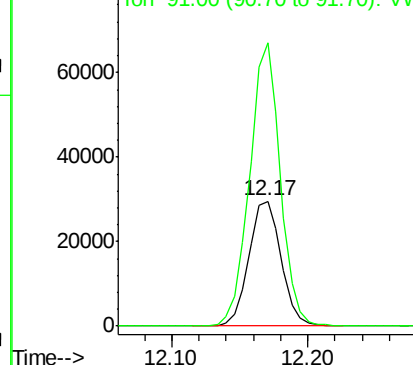
Tot Ion:106 Resp: 49217
Ion Ratio Lower Upper
106 100
91 215.4 106.0 317.9

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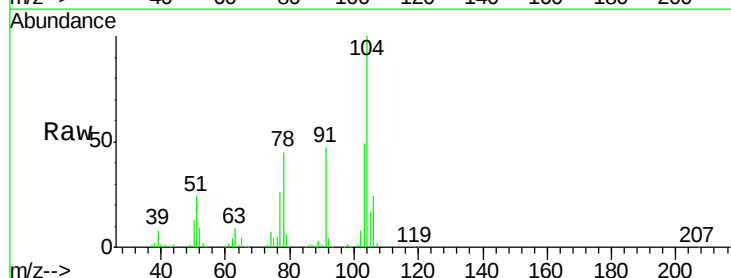


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

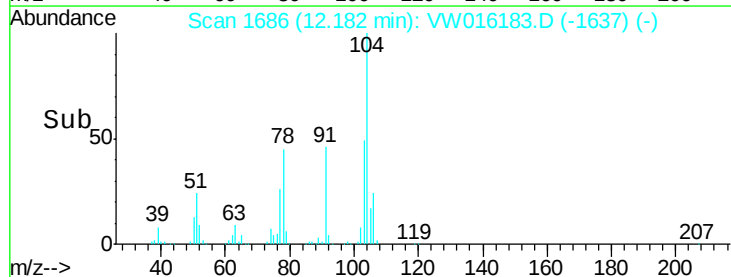
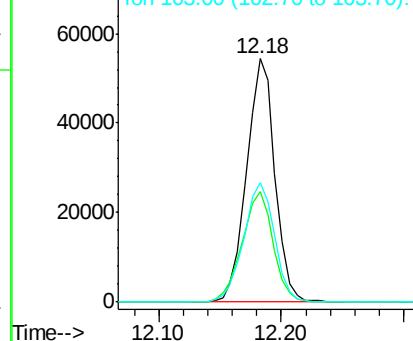


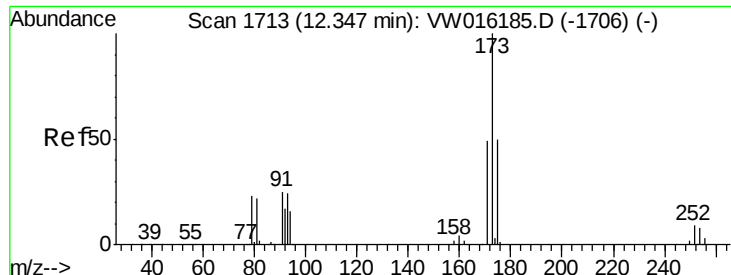
#70
Styrene
Concen: 10.254 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion:104 Resp: 87233
Ion Ratio Lower Upper
104 100
78 49.7 39.4 59.2
103 53.5 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





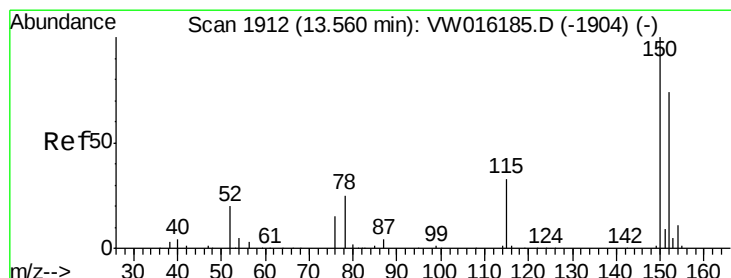
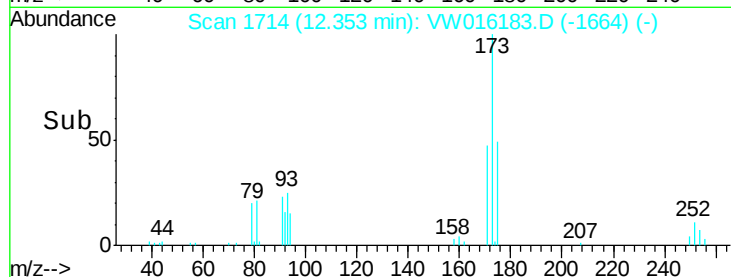
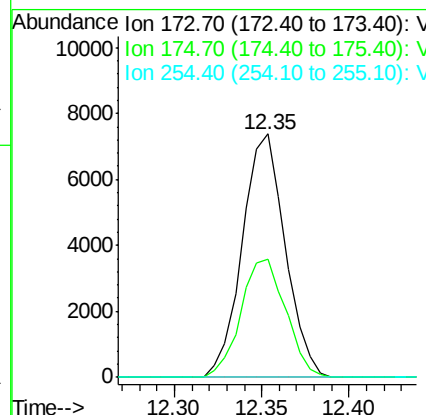
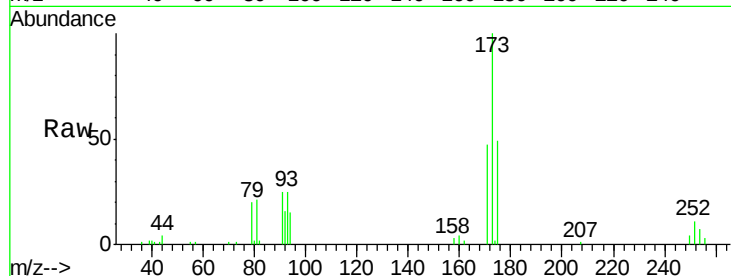
#71
Bromoform
Concen: 10.036 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.8	24.7	74.1
254	0.0	0.0	0.0

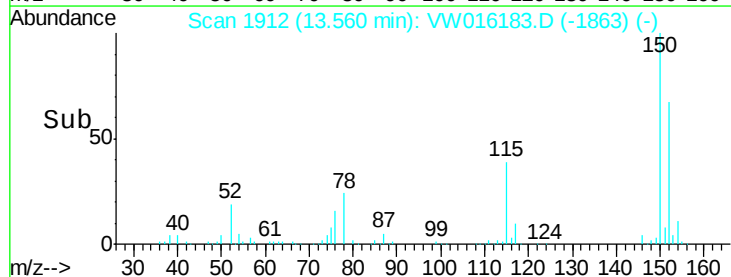
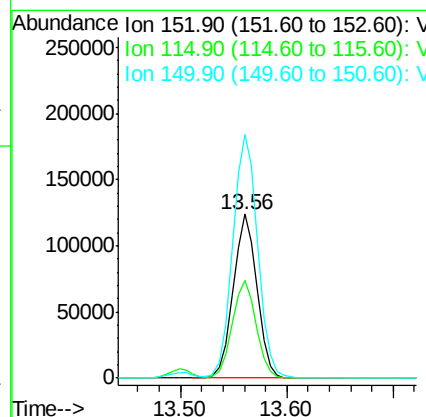
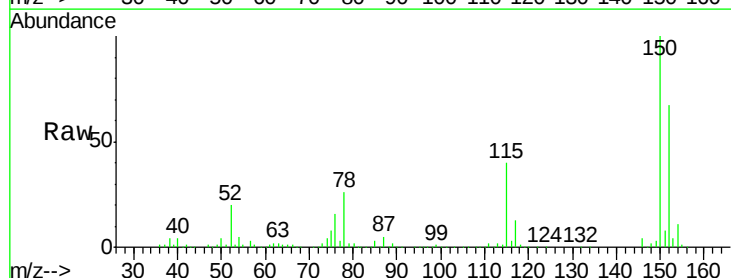
Manual Integrations
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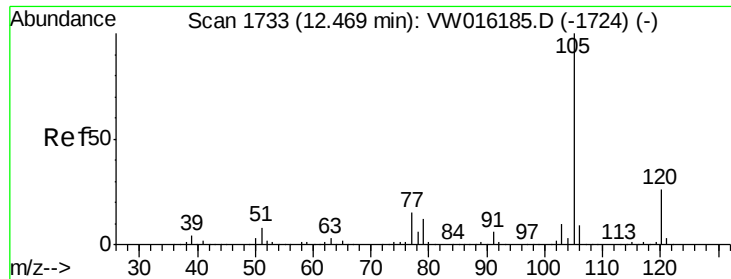
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.9	92.5
150	155.8	0.0	337.8





#73

Isopropylbenzene

Concen: 10.339 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 105 Resp: 141782

Ion Ratio Lower Upper

105 100

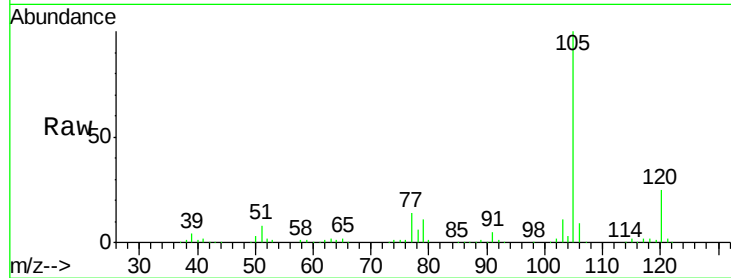
120 25.2 13.2 39.6

Manual Integrations

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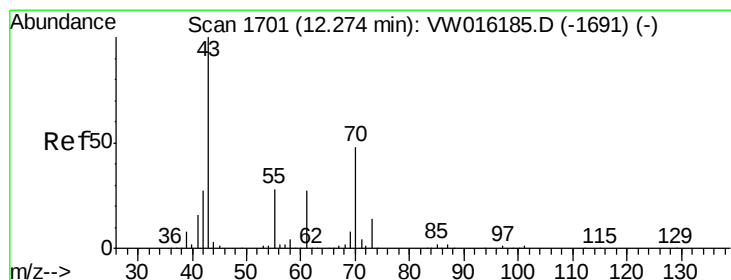
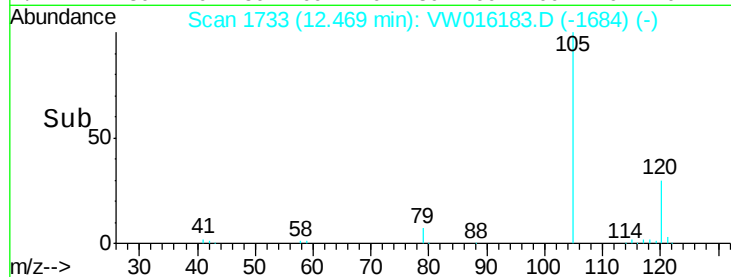
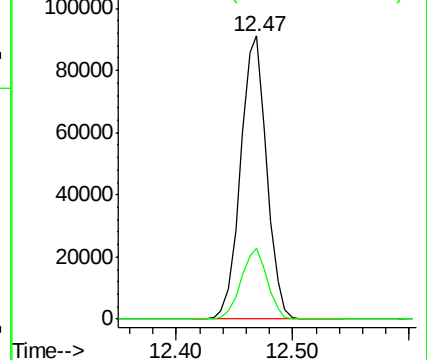
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 8.372 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Tgt Ion: 43 Resp: 24036

Ion Ratio Lower Upper

43 100

70 45.6 38.6 58.0

55 28.4 22.2 33.2

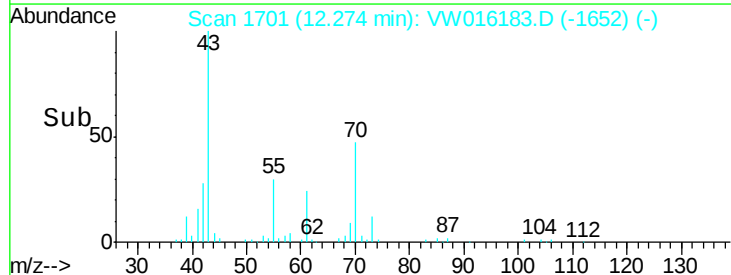
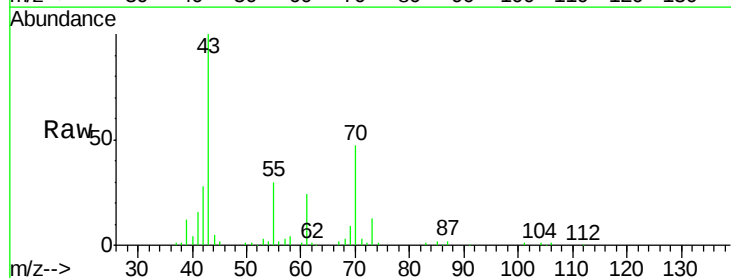
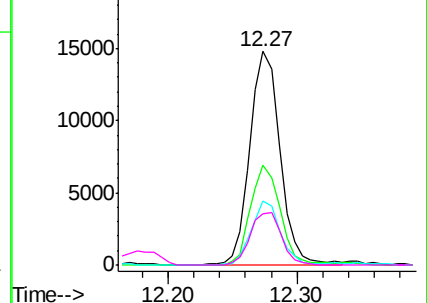
61 25.0 21.3 31.9

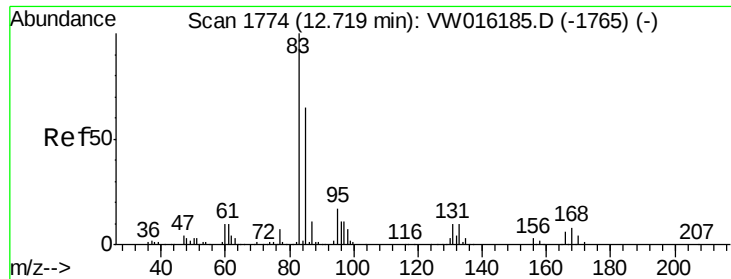
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 10.579 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_W

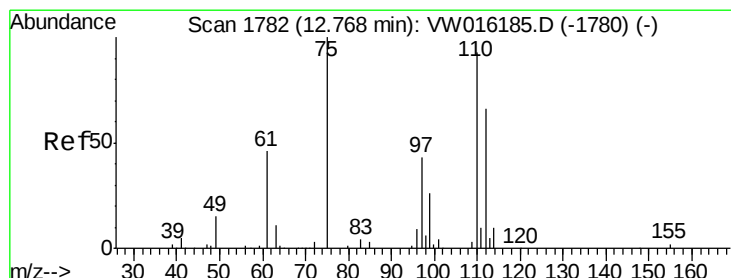
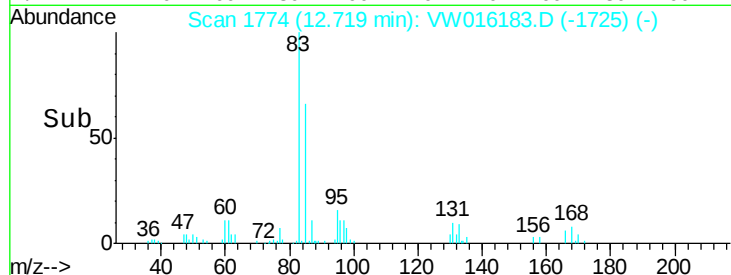
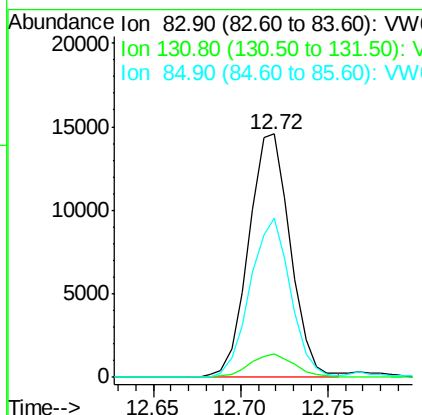
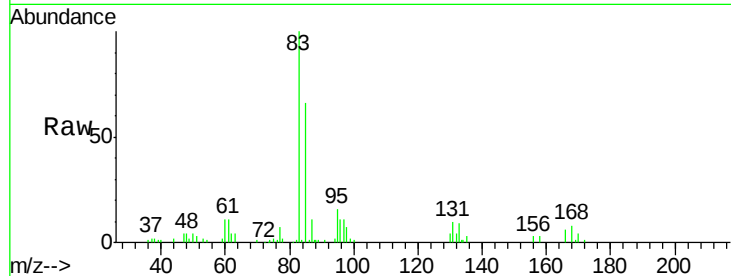
ClientSampled :

VSTDIC010

Tot Ion:	83	Resp:	24275
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.6	16.8
85	63.5	31.3	93.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 10.340 ug/l m

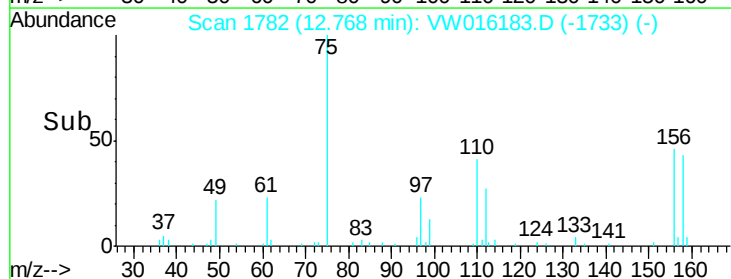
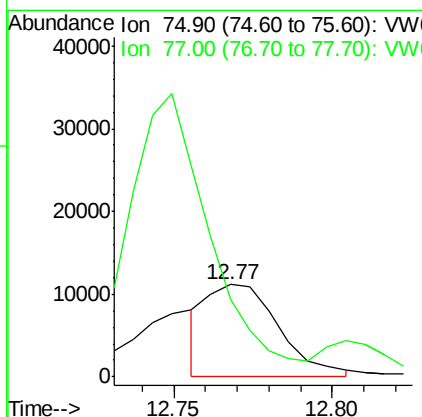
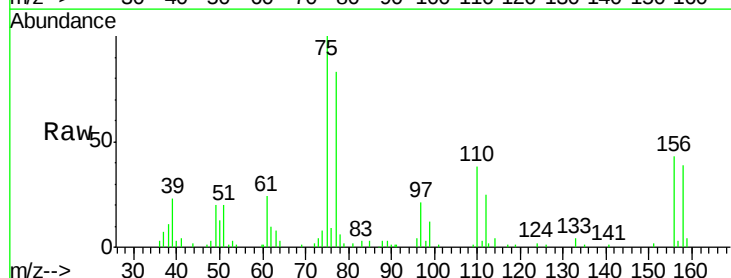
RT: 12.77 min Scan# 1782

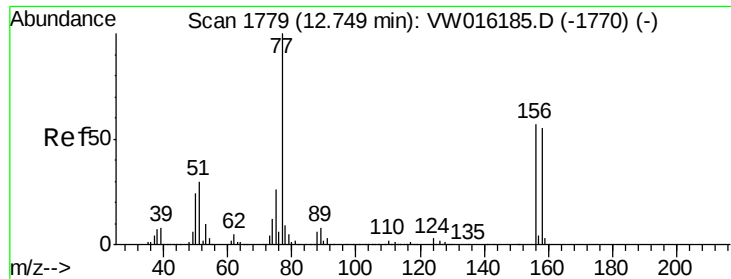
Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Tgt Ion:	75	Resp:	17682
Ion Ratio	Lower	Upper	
75	100		
77	350.2	173.6	520.6





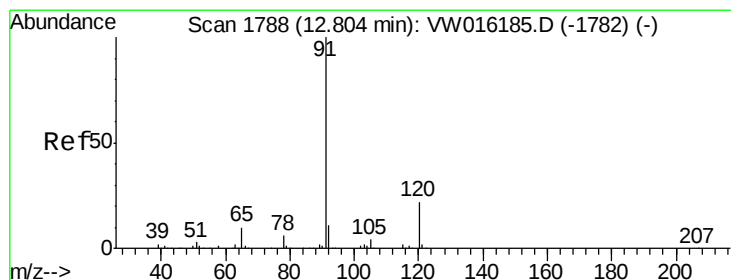
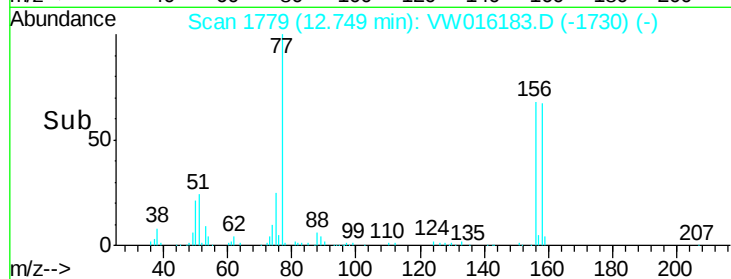
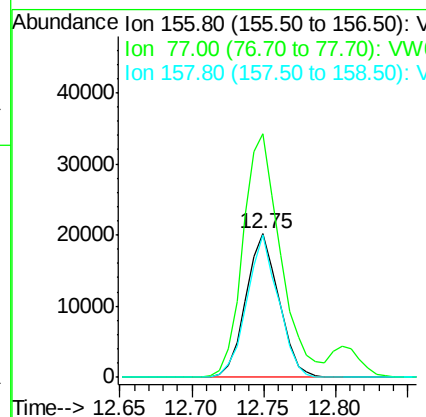
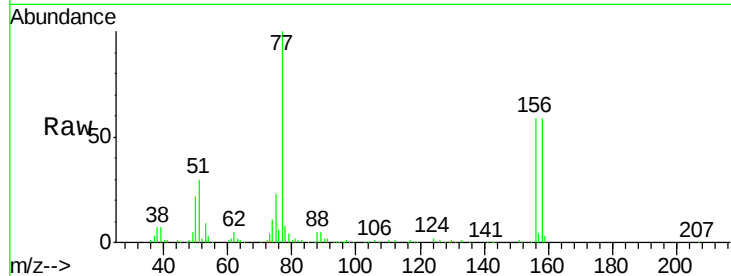
#77
Bromobenzene
Concen: 10.424 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
156	100		
77	193.7	97.9	293.6
158	94.5	49.0	147.2

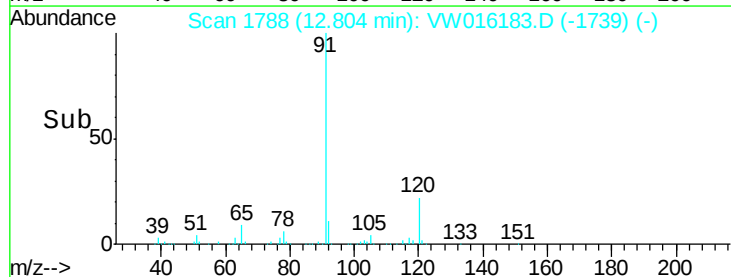
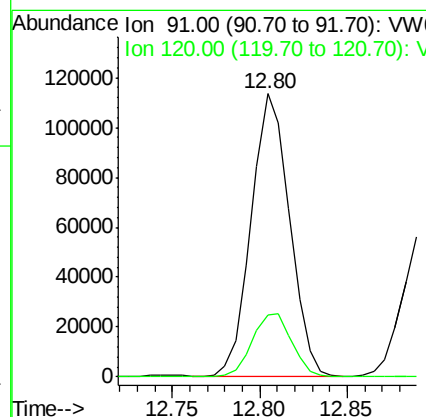
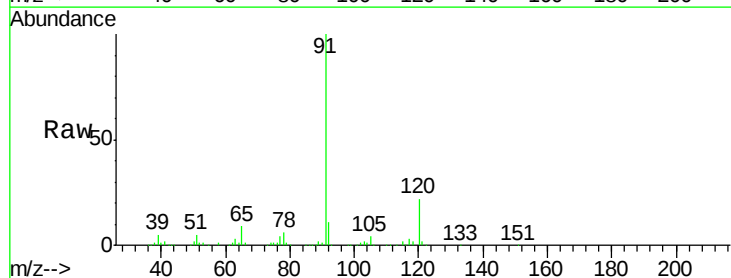
Manual Integrations
APPROVED

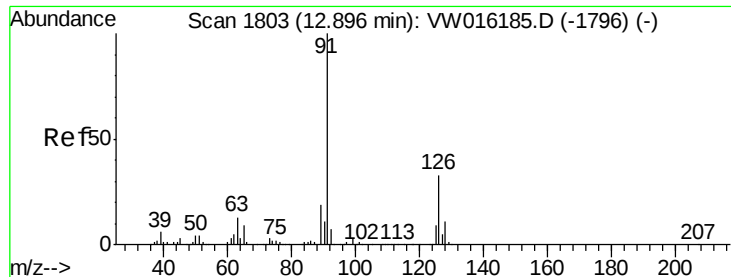
MMDadoda
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#78
n-propylbenzene
Concen: 10.451 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.6	34.7





#79

2-Chlorotoluene

Concen: 10.429 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 98767

Ion Ratio Lower Upper

91 100

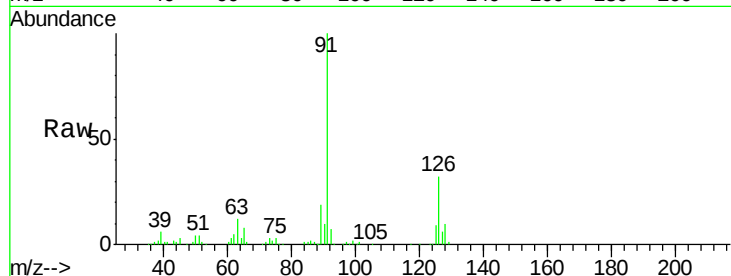
126 34.0 16.4 49.2

Manual Integrations

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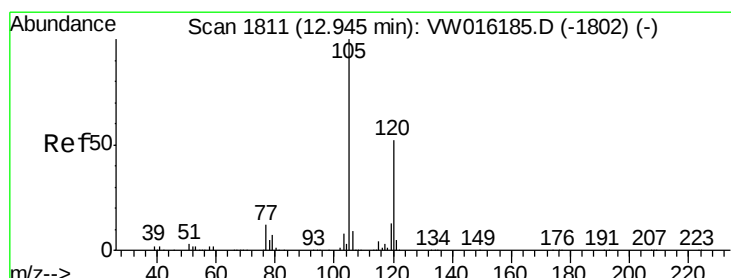
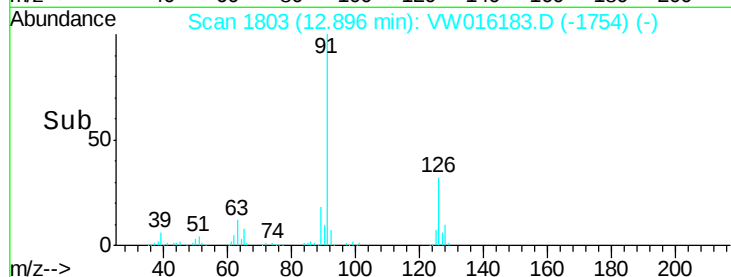
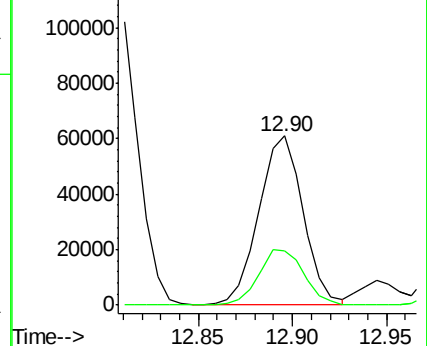
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 10.502 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016183.D

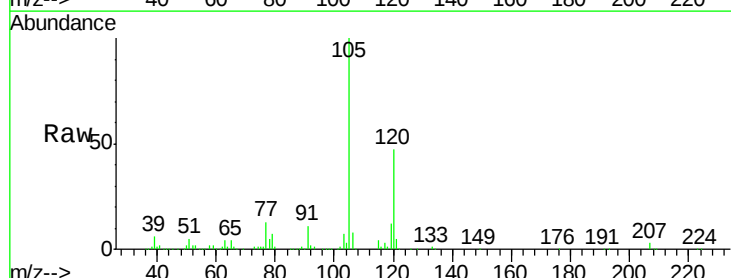
Acq: 14 Aug 2020 10:14

Tgt Ion:105 Resp: 122998

Ion Ratio Lower Upper

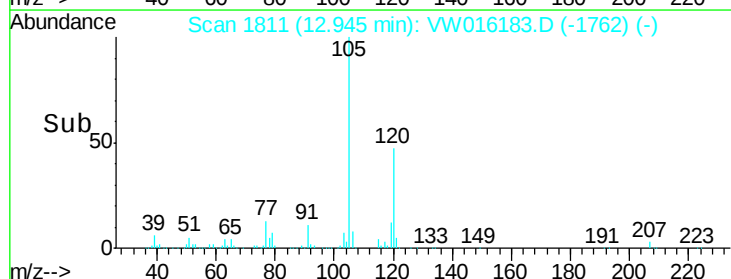
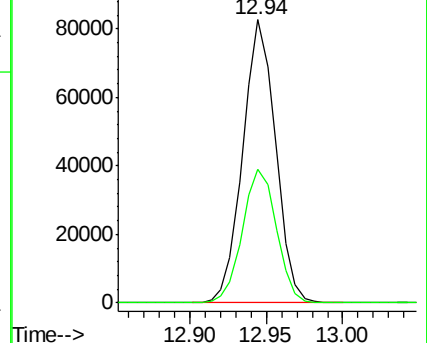
105 100

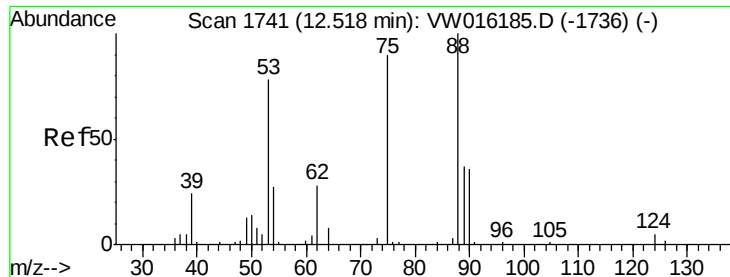
120 49.1 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





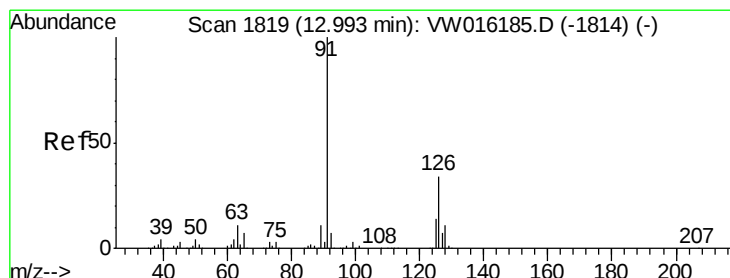
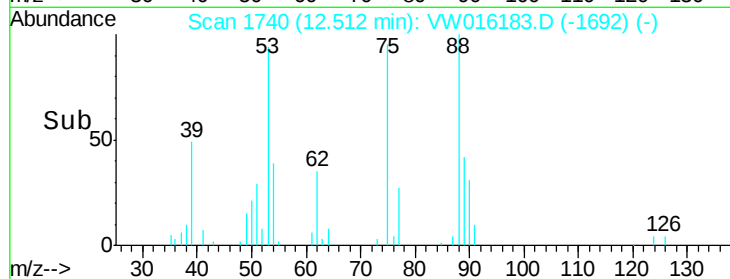
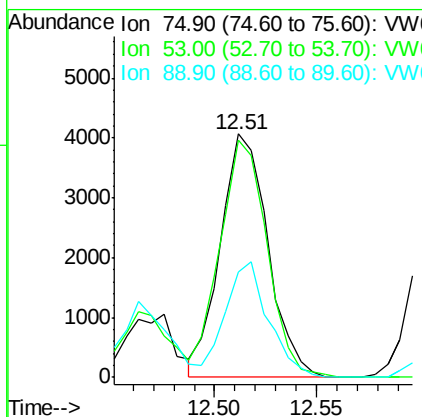
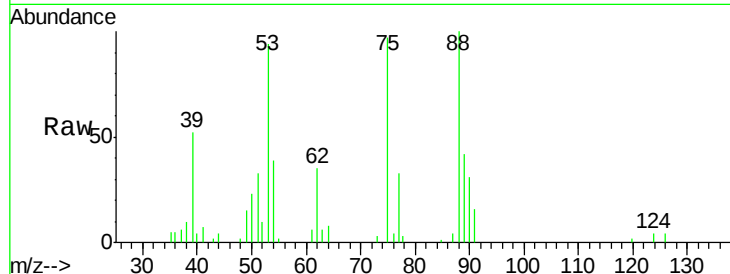
#81
trans-1,4-Dichloro-2-butene
Concen: 9.669 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.8	74.6	111.8
89	42.9	37.2	55.8

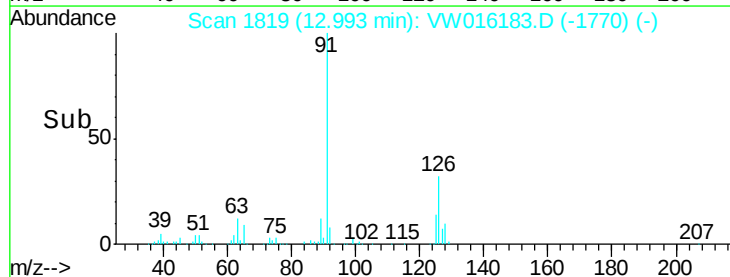
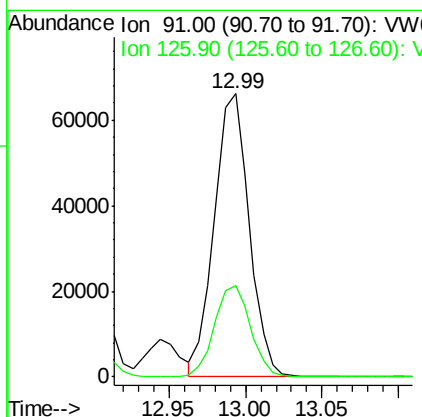
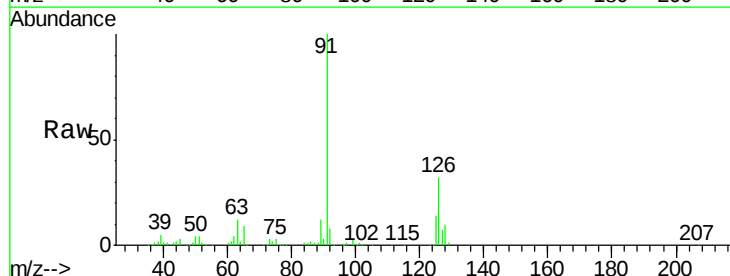
Manual Integrations
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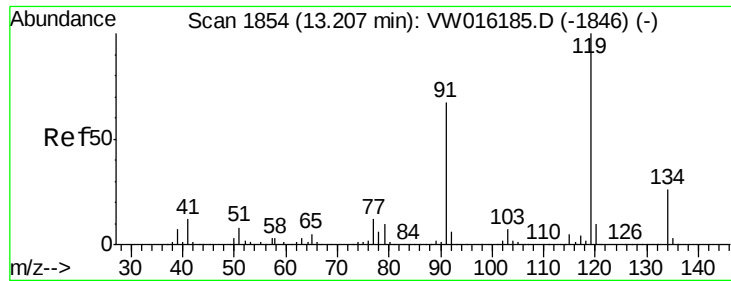
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#82
4-Chlorotoluene
Concen: 10.554 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.6	49.8





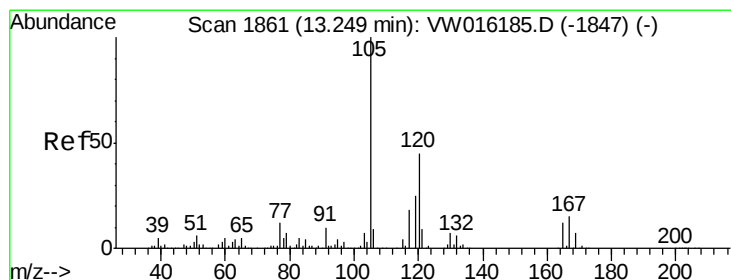
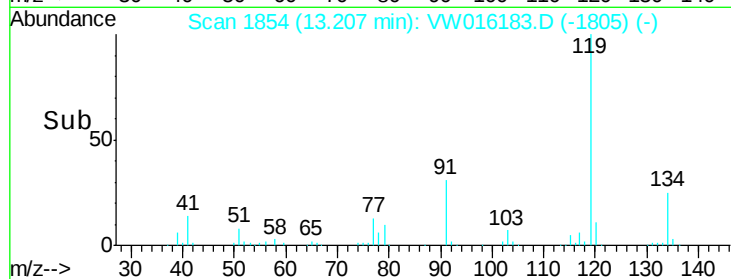
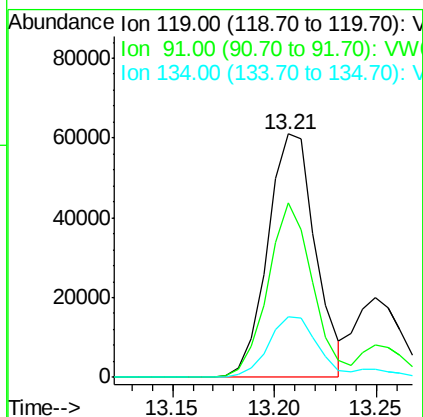
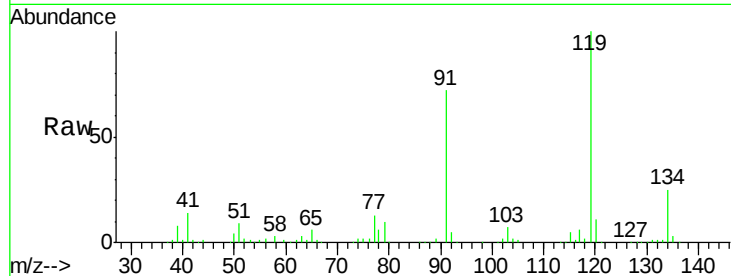
#83
tert-Butylbenzene
Concen: 10.278 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
119	100	99728		
91	67.6	33.3	99.9	
134	25.3	13.5	40.5	

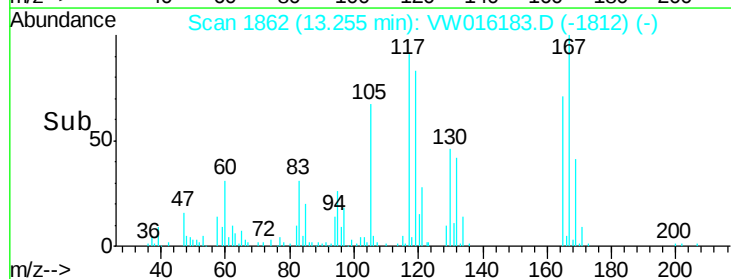
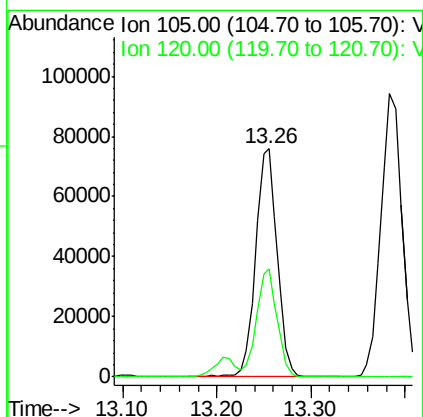
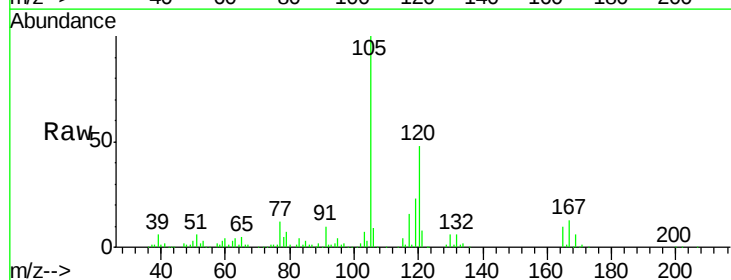
Manual Integrations
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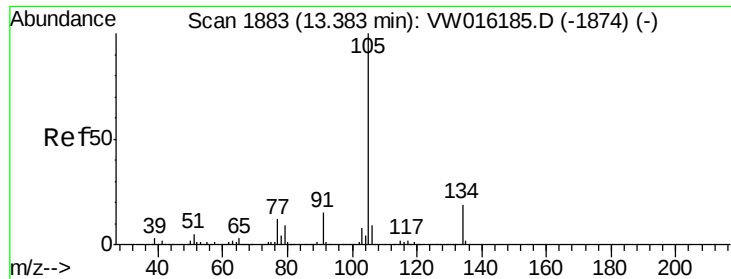
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#84
1,2,4-Trimethylbenzene
Concen: 10.483 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	122579		
120	45.0	22.2	66.6	





#85

sec-Butylbenzene

Concen: 10.513 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion:105 Resp: 147423

Ion Ratio Lower Upper

105 100

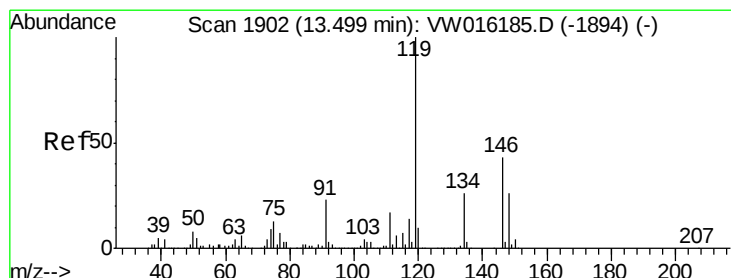
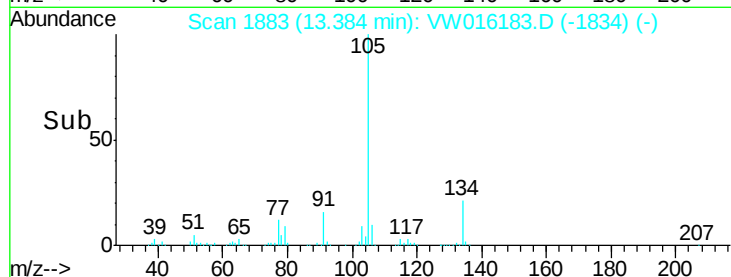
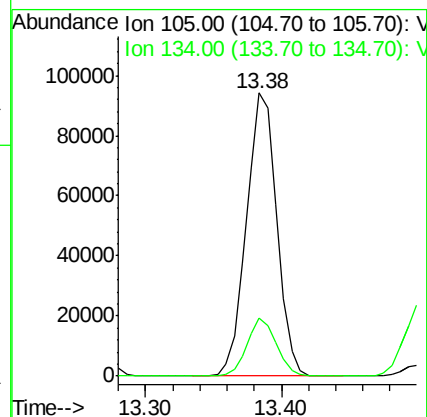
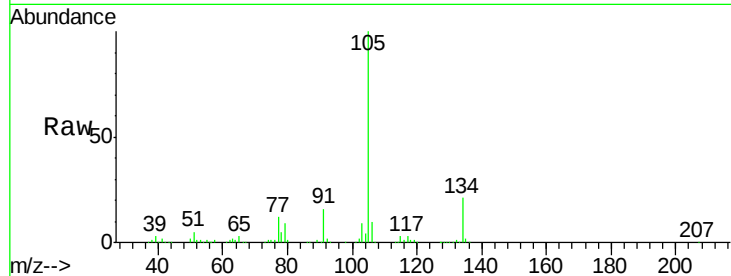
134 19.8 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 10.497 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

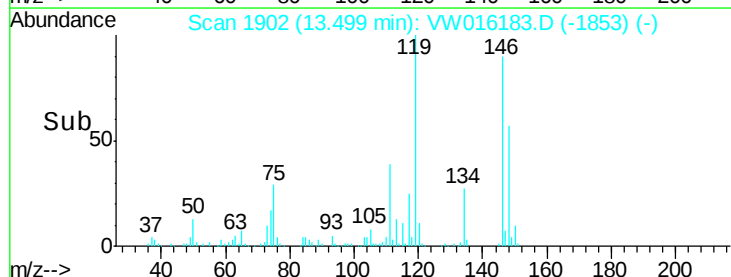
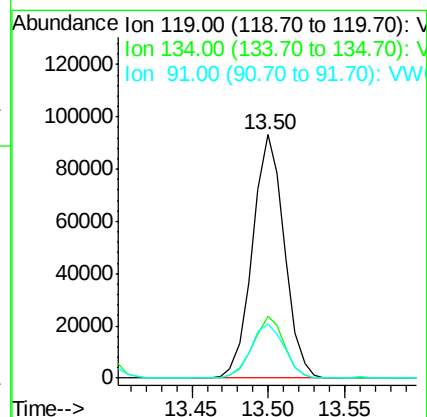
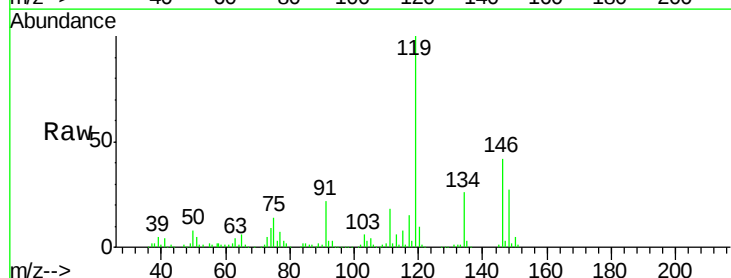
Tgt Ion:119 Resp: 134428

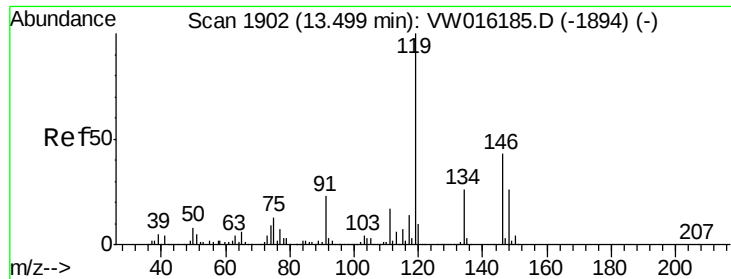
Ion Ratio Lower Upper

119 100

134 25.1 12.8 38.4

91 23.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 10.555 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

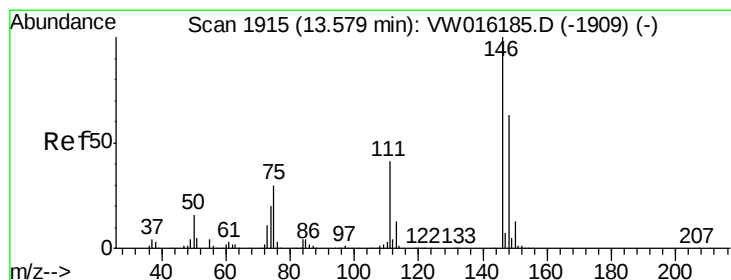
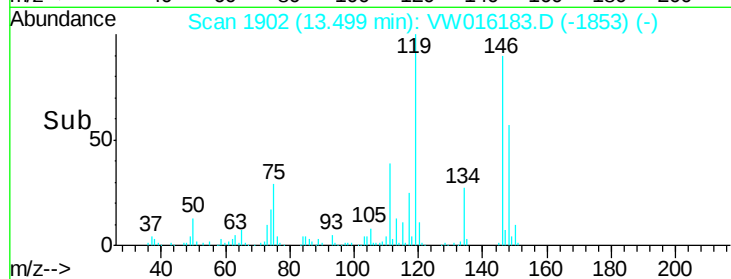
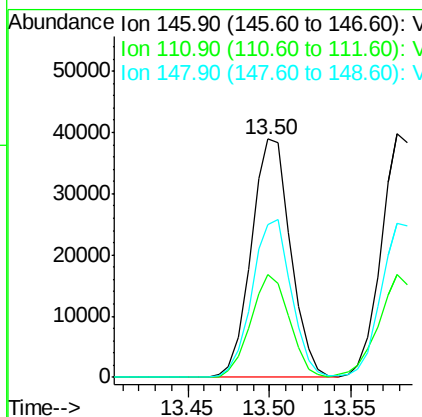
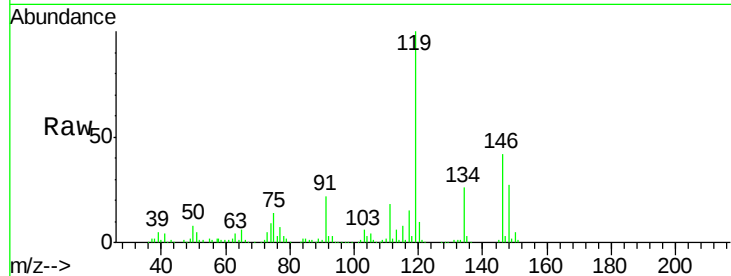
Instrument :
MSVOA_W

ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.8	62.5
148	65.9	31.1	93.5

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#88

1,4-Dichlorobenzene

Concen: 10.832 ug/l

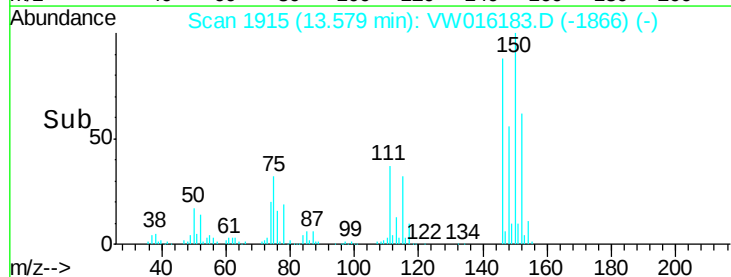
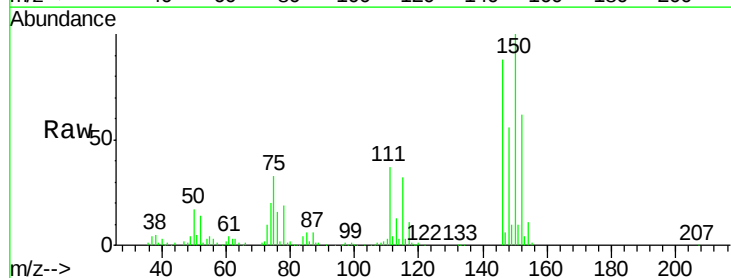
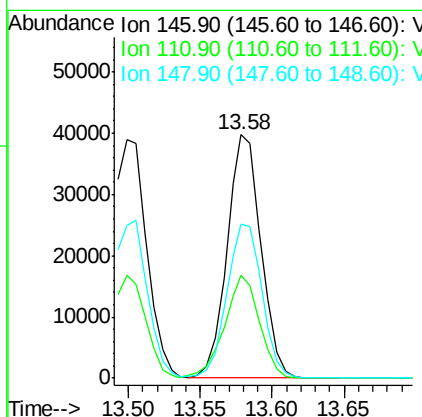
RT: 13.58 min Scan# 1915

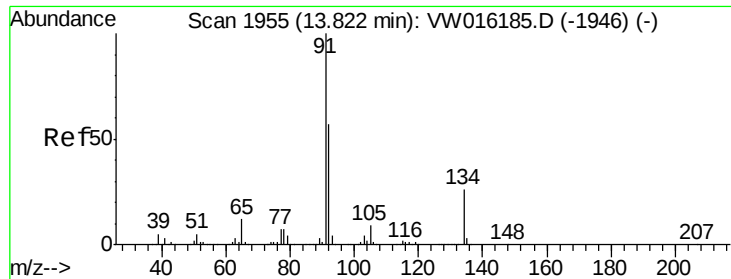
Delta R.T. 0.00 min

Lab File: VW016183.D

Acq: 14 Aug 2020 10:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	20.8	62.2
148	65.7	32.1	96.3





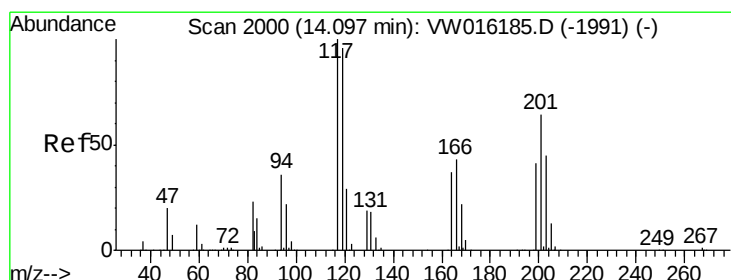
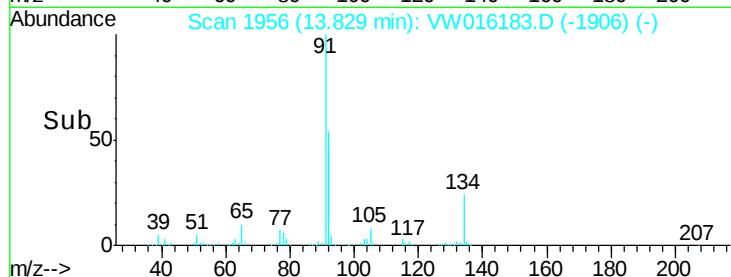
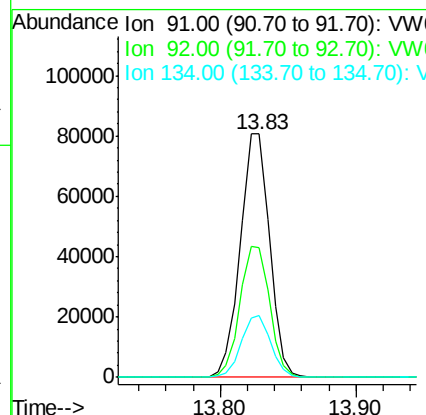
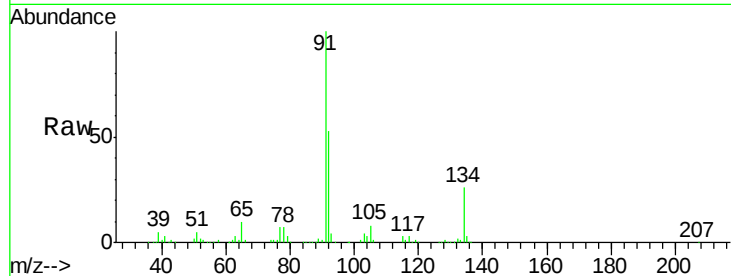
#89
n-Butylbenzene
Concen: 10.042 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.01 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.4	82.2
134	25.4	13.0	39.0

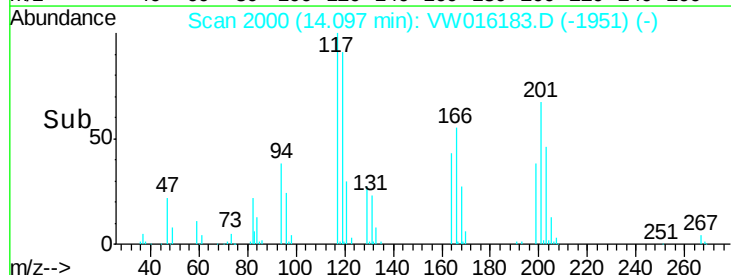
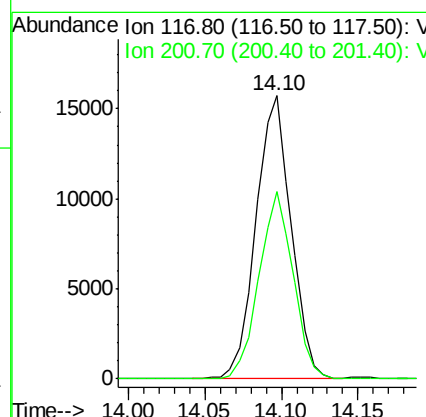
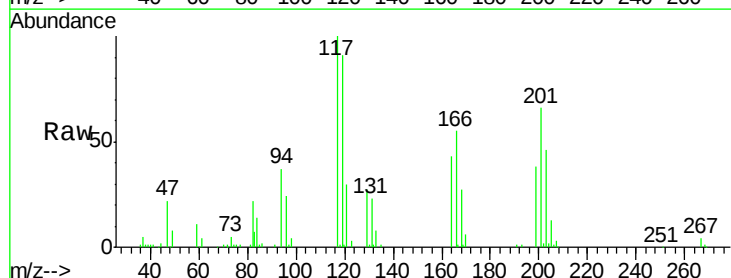
Manual Integrations
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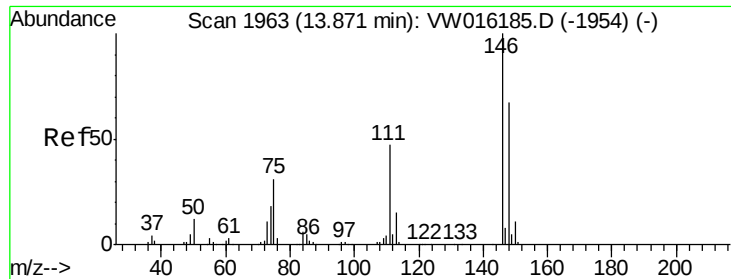
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#90
Hexachloroethane
Concen: 10.859 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.3	33.8	101.3





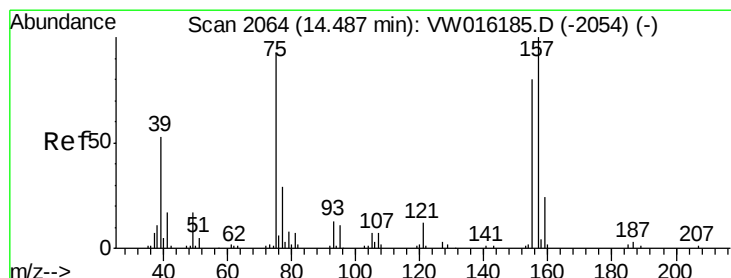
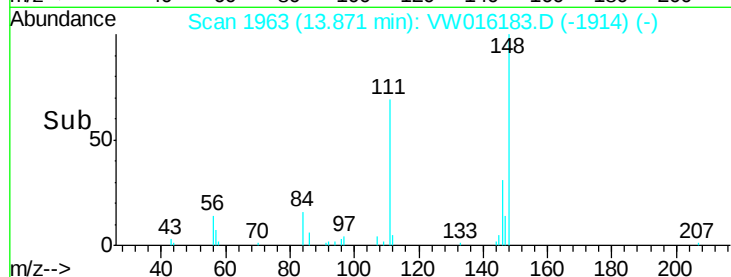
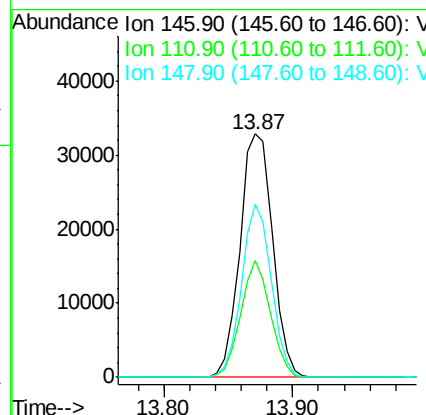
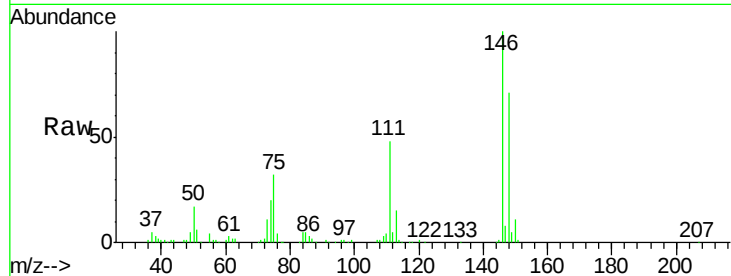
#91
 1,2-Dichlorobenzene
 Concen: 10.840 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.9	65.8
148	64.7	32.1	96.3

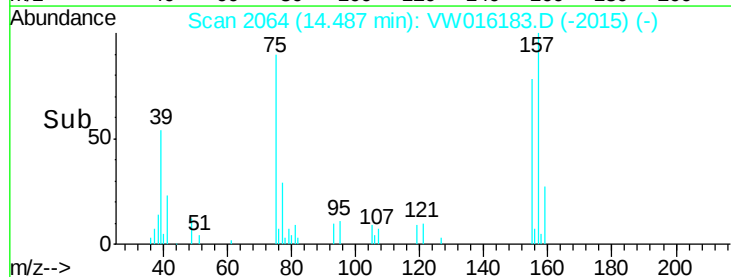
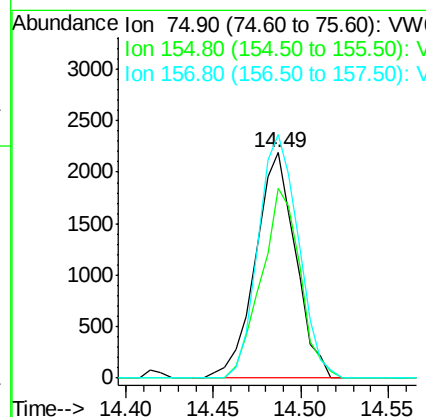
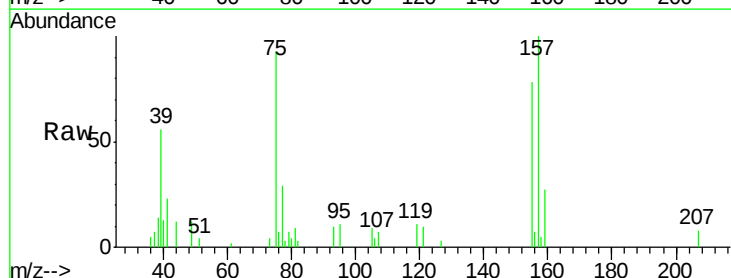
Manual Integrations
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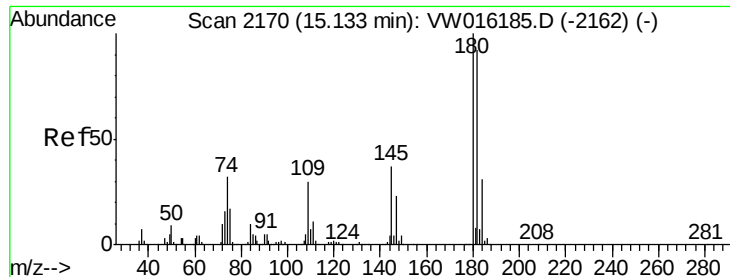
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.573 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016183.D
 Acq: 14 Aug 2020 10:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.3	41.3	124.1
157	107.8	53.0	159.0





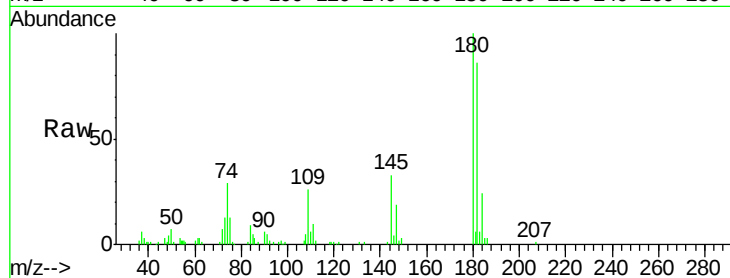
#93
1,2,4-Trichlorobenzene
Concen: 9.398 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.01 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

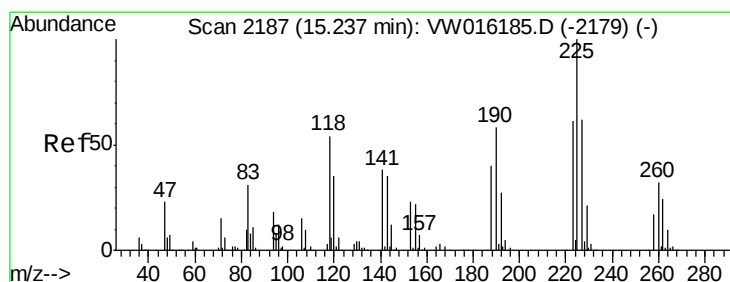
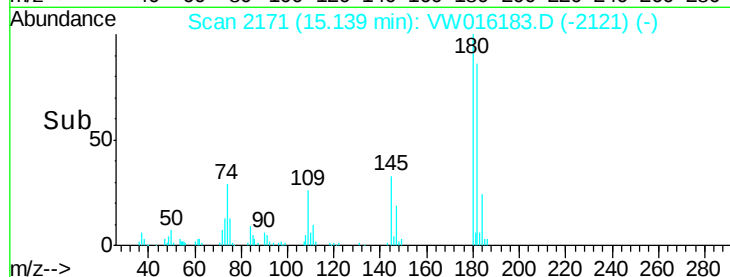
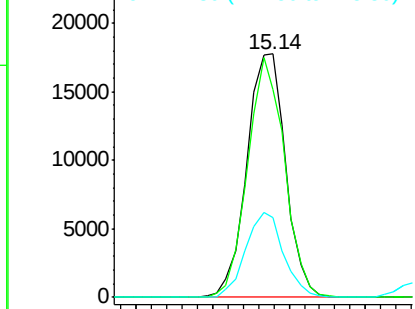
Tot Ion	Ratio	Resp	Lower	Upper
180	100	31363		
182	93.4	46.0	138.0	
145	33.9	16.9	50.7	

Manual Integrations
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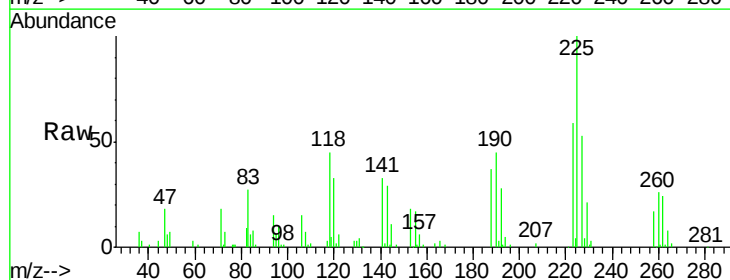


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

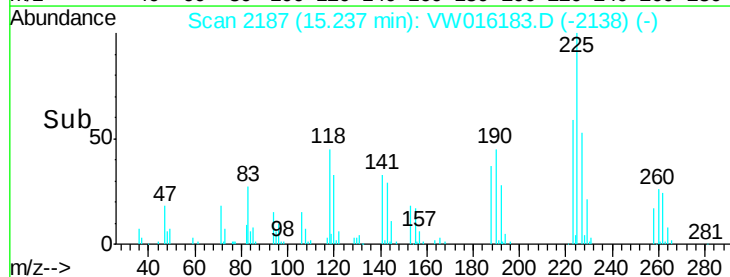
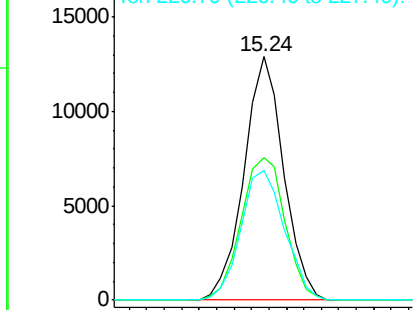


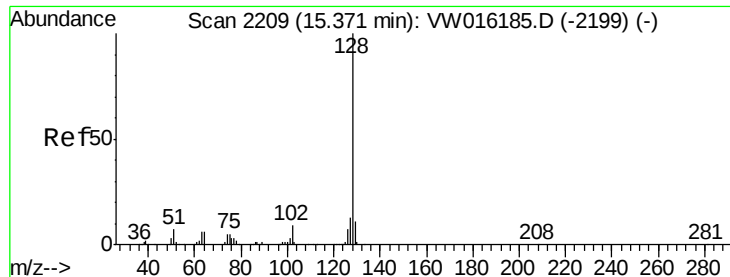
#94
Hexachlorobutadiene
Concen: 9.775 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	20349		
223	64.9	33.0	99.0	
227	58.7	32.0	96.2	



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





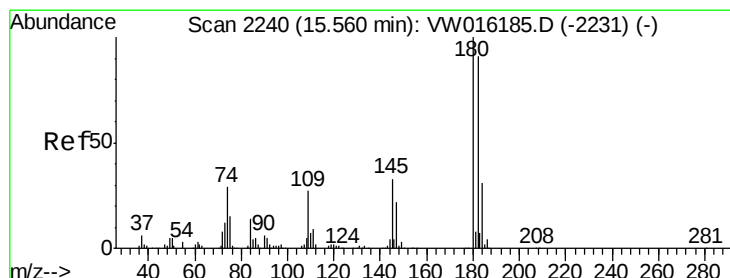
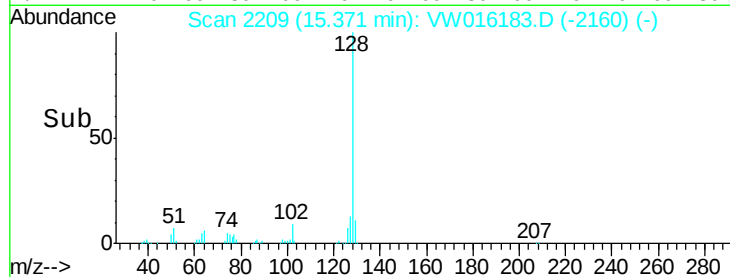
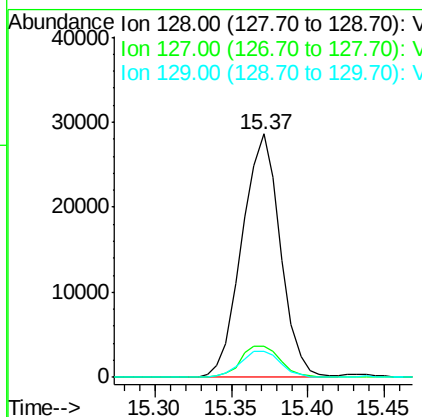
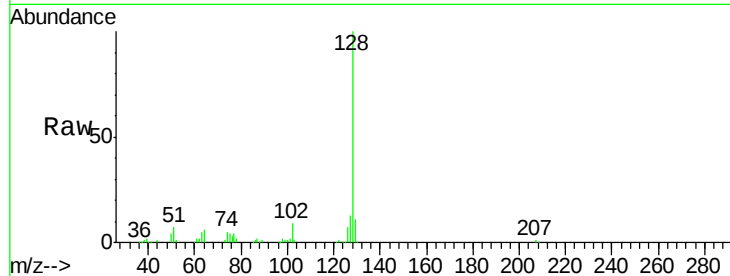
#95
Naphthalene
Concen: 8.725 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
128	100	50010		
127	13.4		10.2	15.4
129	11.3		8.7	13.1

Manual Integrations
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8/17/2020 5:46:25 PM



#96
1,2,3-Trichlorobenzene
Concen: 9.436 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016183.D
Acq: 14 Aug 2020 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	27112		
182	95.3		47.7	143.1
145	36.8		17.4	52.3

