

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031720\
 Data File : VX015312.D
 Acq On : 17 Mar 2020 10:22
 Operator : JC/SP
 Sample : VX0317WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/18/2020 4:16:49 PM

Quant Time: Mar 18 02:00:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	304386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	450298	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	415900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	219128	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	170461	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
35) Dibromofluoromethane	5.48	113	144560	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
50) Toluene-d8	8.71	98	546137	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.13	95	197888	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	46466	17.433	ug/l	97
3) Chloromethane	1.32	50	63416	16.796	ug/l	98
4) Vinyl Chloride	1.41	62	65693	17.159	ug/l	97
5) Bromomethane	1.65	94	43759	18.591	ug/l	98
6) Chloroethane	1.72	64	41672	18.145	ug/l	98
7) Trichlorofluoromethane	1.93	101	85454	18.759	ug/l	99
8) Diethyl Ether	2.18	74	39552	19.169	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	55449	19.347	ug/l	97
10) Methyl Iodide	2.50	142	56675	17.503	ug/l	97
11) Tert butyl alcohol	3.05	59	62471	99.709	ug/l	99
12) 1,1-Dichloroethene	2.37	96	52102	17.614	ug/l	97
13) Acrolein	2.29	56	49229	83.610	ug/l	99
14) Allyl chloride	2.72	41	103991	20.163	ug/l	93
15) Acrylonitrile	3.13	53	165534	106.090	ug/l	98
16) Acetone	2.44	43	142308	97.308	ug/l	95
17) Carbon Disulfide	2.56	76	136885	16.664	ug/l	99
18) Methyl Acetate	2.76	43	75152	21.016	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	186991	20.230	ug/l	98
20) Methylene Chloride	2.85	84	66212	19.346	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	60557	19.173	ug/l	96
22) Diisopropyl ether	3.84	45	218864	21.299	ug/l	95
23) Vinyl Acetate	3.80	43	882802	104.514	ug/l	99
24) 1,1-Dichloroethane	3.69	63	113367	19.878	ug/l	98
25) 2-Butanone	4.66	43	223092	104.199	ug/l	99
26) 2,2-Dichloropropane	4.57	77	83997	18.553	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	68378	19.298	ug/l	99
28) Bromochloromethane	5.00	49	54882	21.133	ug/l	96
29) Tetrahydrofuran	5.11	42	141479	102.512	ug/l	98
30) Chloroform	5.20	83	108517	19.522	ug/l	99
31) Cyclohexane	5.57	56	98585	19.380	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	89765	19.481	ug/l	96
36) 1,1-Dichloropropene	5.79	75	81159	19.496	ug/l	98
37) Ethyl Acetate	4.82	43	88673	22.964	ug/l	98
38) Carbon Tetrachloride	5.78	117	75451	19.202	ug/l	96

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 Sample : VX0317WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

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Quant Time: Mar 18 02:00:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	98196	20.201	ug/l	95
40) Benzene	6.13	78	253160	20.498	ug/l	98
41) Methacrylonitrile	5.03	41	48845	21.059	ug/l	98
42) 1,2-Dichloroethane	6.18	62	84537	19.932	ug/l	96
43) Isopropyl Acetate	6.43	43	141811	20.876	ug/l	99
44) Trichloroethene	7.20	130	68879	20.026	ug/l	93
45) 1,2-Dichloropropane	7.51	63	69525	21.748	ug/l	98
46) Dibromomethane	7.65	93	42800	20.547	ug/l	99
47) Bromodichloromethane	7.89	83	84081	20.412	ug/l	97
48) Methyl methacrylate	7.76	41	70429	20.370	ug/l	96
49) 1,4-Dioxane	7.75	88	29334	392.412	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	439910	109.527	ug/l	100
52) Toluene	8.78	92	157800	20.896	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	89965	20.520	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	104786	21.141	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	64249	20.671	ug/l	97
56) Ethyl methacrylate	9.17	69	94914	21.409	ug/l	98
57) 1,3-Dichloropropane	9.36	76	110644	21.159	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	251971	104.326	ug/l	100
59) 2-Hexanone	9.48	43	320598	107.694	ug/l	99
60) Dibromochloromethane	9.57	129	67219	20.588	ug/l	99
61) 1,2-Dibromoethane	9.67	107	66345	20.322	ug/l	100
64) Tetrachloroethene	9.33	164	72046	20.952	ug/l	93
65) Chlorobenzene	10.13	112	169659	20.319	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	63616	20.205	ug/l	99
67) Ethyl Benzene	10.25	91	291147	20.534	ug/l	99
68) m/p-Xylenes	10.35	106	222571	41.259	ug/l	99
69) o-Xylene	10.70	106	107222	20.760	ug/l	99
70) Styrene	10.71	104	186030	21.006	ug/l	99
71) Bromoform	10.85	173	49974	20.468	ug/l #	100
73) Isopropylbenzene	11.01	105	285024	20.362	ug/l	100
74) N-amyl acetate	10.89	43	120370	20.404	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	95299	20.428	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	77286m	17.682	ug/l	
77) Bromobenzene	11.25	156	75970	19.474	ug/l	98
78) n-propylbenzene	11.35	91	334145	20.894	ug/l	99
79) 2-Chlorotoluene	11.42	91	195242	20.443	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	242115	20.777	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	29584	19.209	ug/l	98
82) 4-Chlorotoluene	11.51	91	228837	20.281	ug/l	100
83) tert-Butylbenzene	11.76	119	230280	20.438	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	240061	20.507	ug/l	99
85) sec-Butylbenzene	11.94	105	283519	20.844	ug/l	99
86) p-Isopropyltoluene	12.06	119	260564	20.793	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	137723	20.082	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	141097	19.928	ug/l	99
89) n-Butylbenzene	12.39	91	230862	20.713	ug/l	99
90) Hexachloroethane	12.59	117	45528	19.217	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	137628	20.185	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18249	19.535	ug/l	95

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Manual Integrations
APPROVED

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Quant Time: Mar 18 02:00:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	97708	20.645	ug/l	99
94) Hexachlorobutadiene	13.78	225	49776	20.496	ug/l	98
95) Naphthalene	13.83	128	264282	19.123	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	98909	20.946	ug/l	98

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

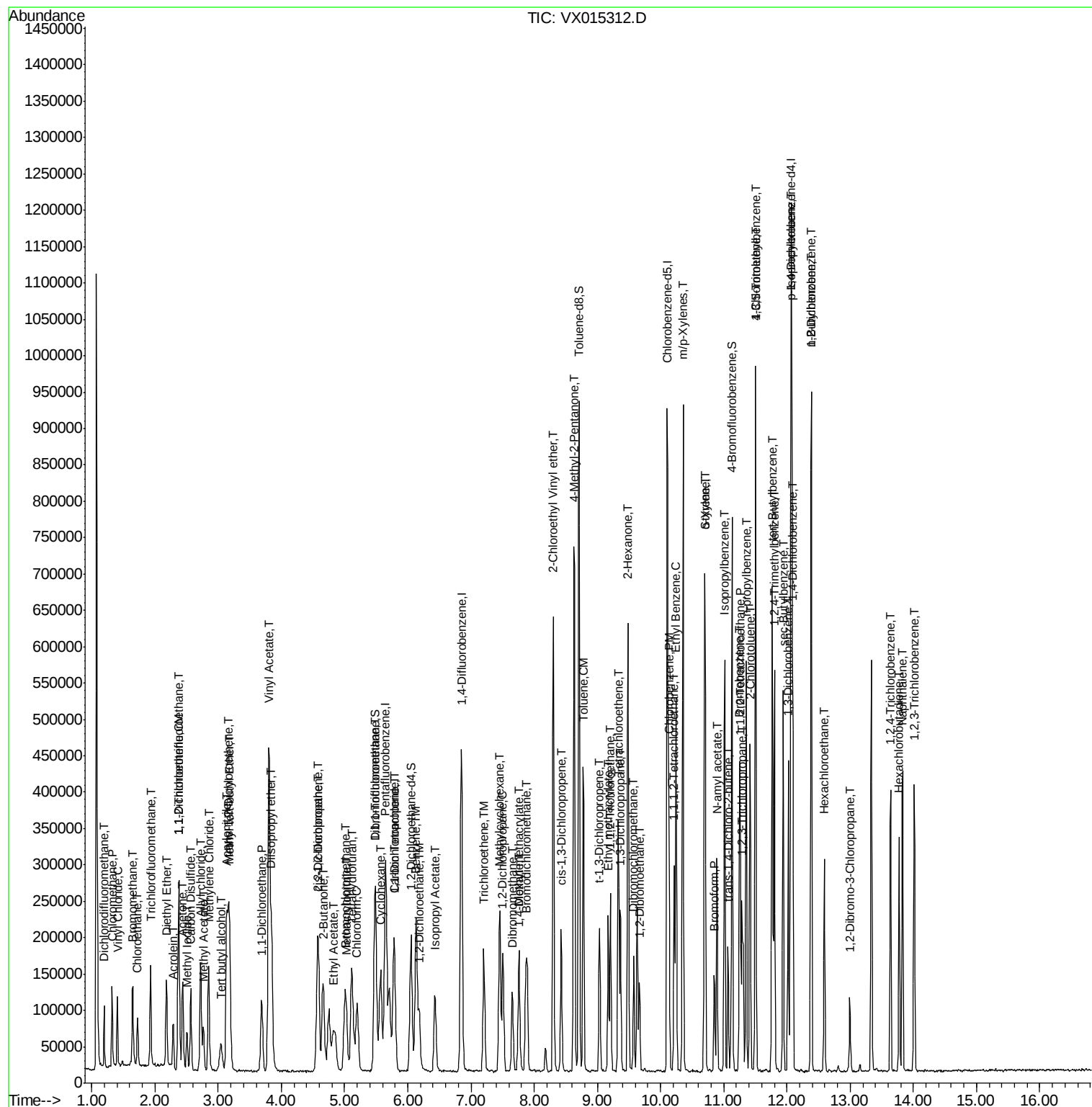
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Data File : VX015312.D
Acq On : 17 Mar 2020 10:22
Operator : JC/SP
Sample : VX0317WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

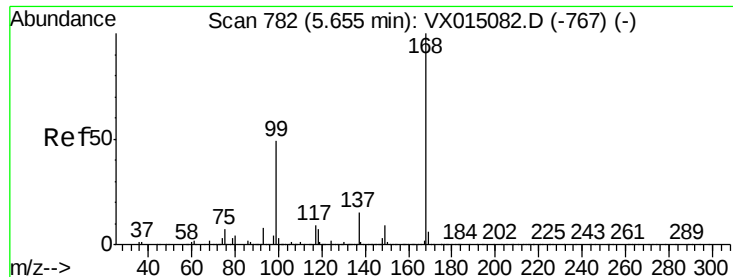
Instrument :
MSVOA_X
ClientSampleID :
VX0317WBSD01

Manual Integrations
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Quant Time: Mar 18 02:00:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

Tot Ion:168 Resp: 304386

Ion Ratio Lower Upper

168 100

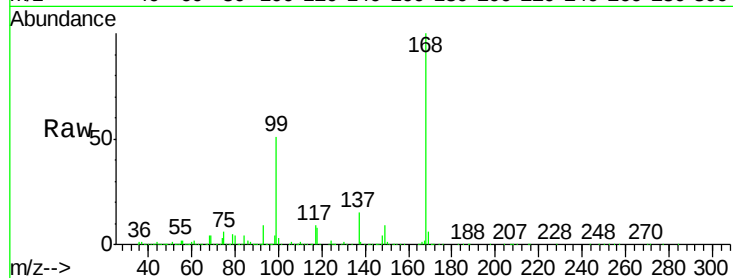
99 50.9 39.4 59.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

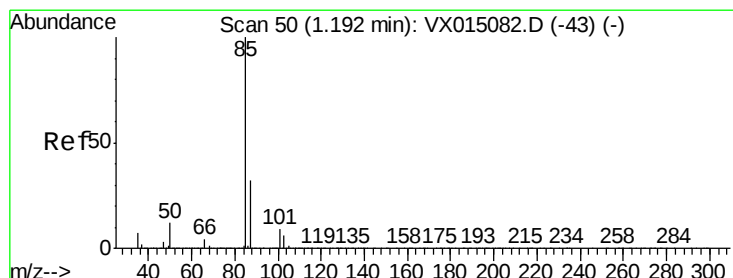
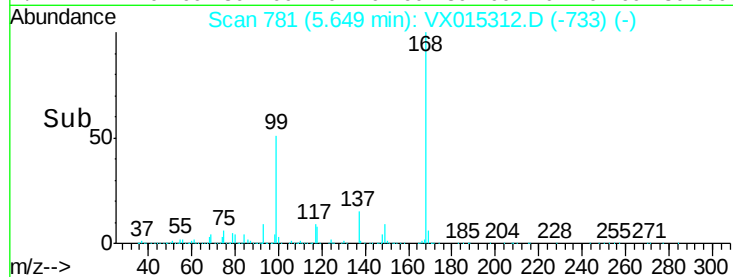
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.433 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015312.D

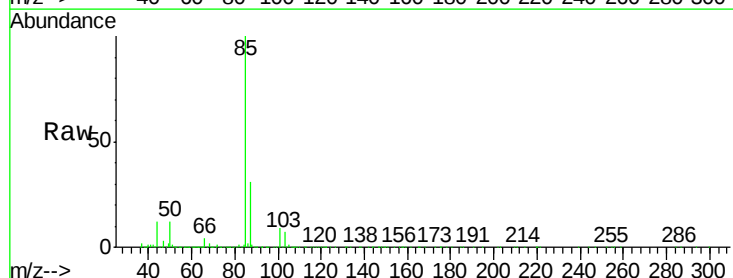
Acq: 17 Mar 2020 10:22

Tgt Ion: 85 Resp: 46466

Ion Ratio Lower Upper

85 100

87 30.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

50000

40000

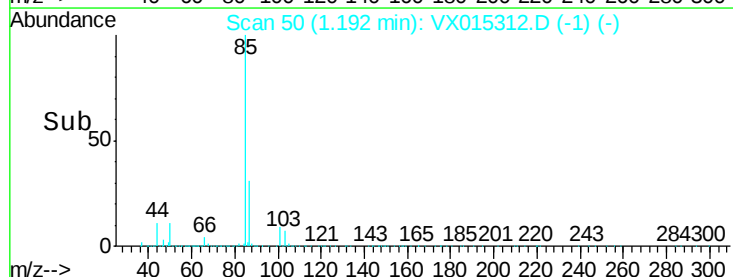
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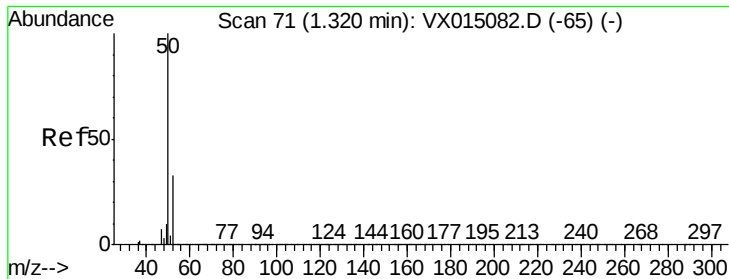
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10000

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Time-->





#3

Chloromethane

Concen: 16.796 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

Tot Ion: 50 Resp: 63416

Ion Ratio Lower Upper

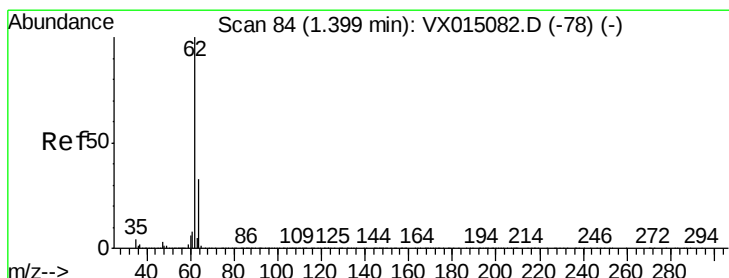
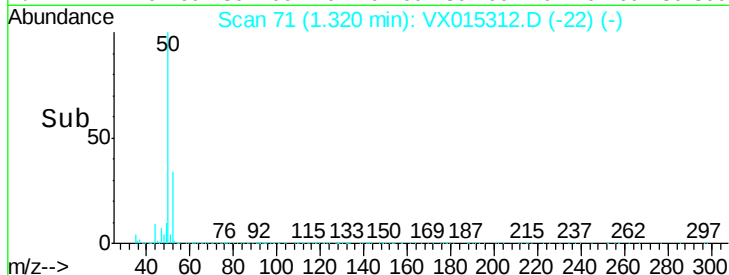
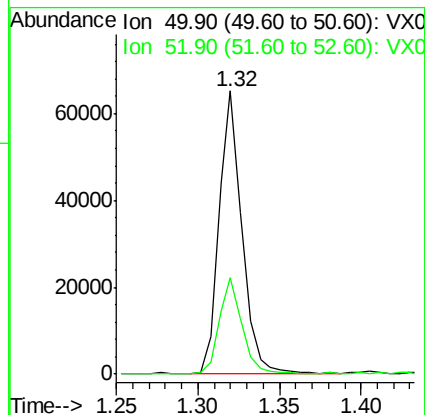
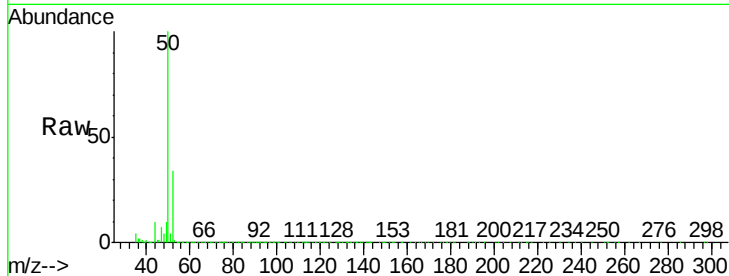
50 100

52 33.9 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.159 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX015312.D

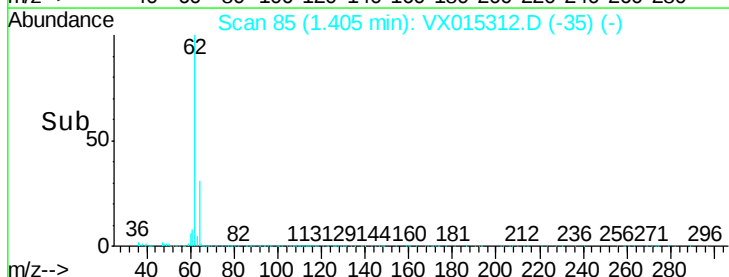
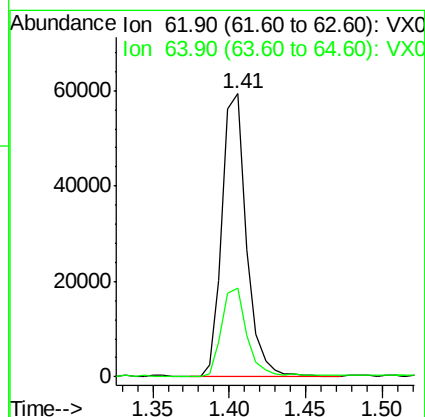
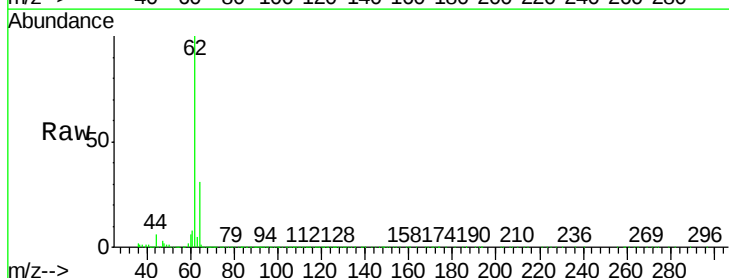
Acq: 17 Mar 2020 10:22

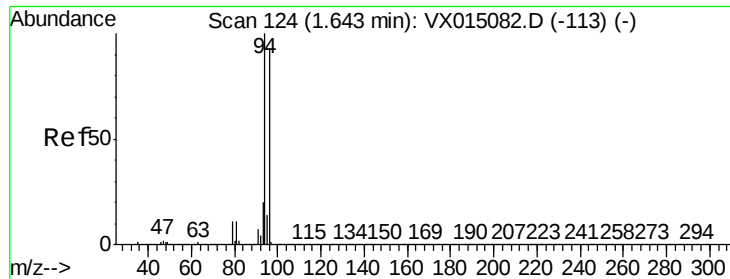
Tgt Ion: 62 Resp: 65693

Ion Ratio Lower Upper

62 100

64 31.1 26.1 39.1





#5

Bromomethane

Concen: 18.591 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

Tot Ion: 94 Resp: 43759

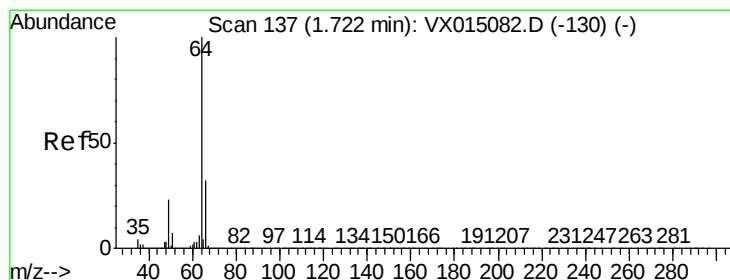
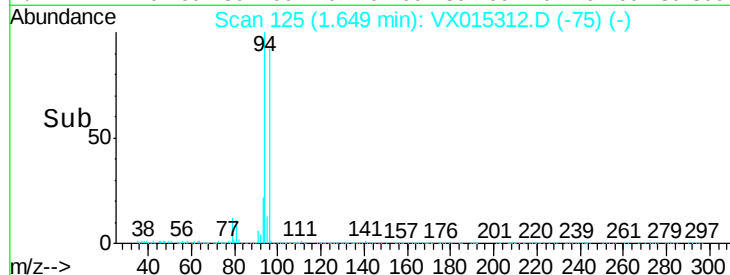
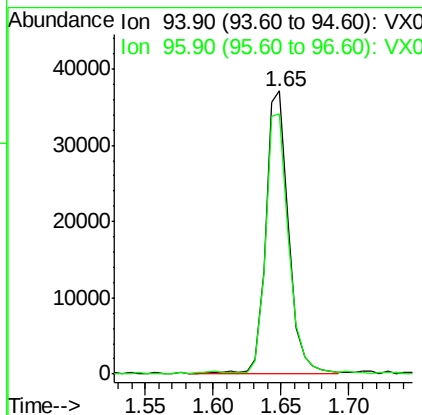
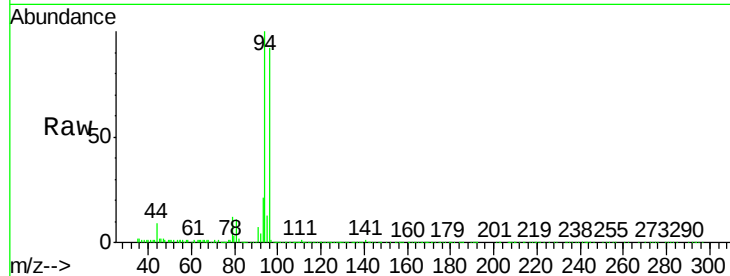
Ion Ratio Lower Upper

94 100

96 91.1 74.6 111.8

Manual Integrations
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#6

Chloroethane

Concen: 18.145 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015312.D

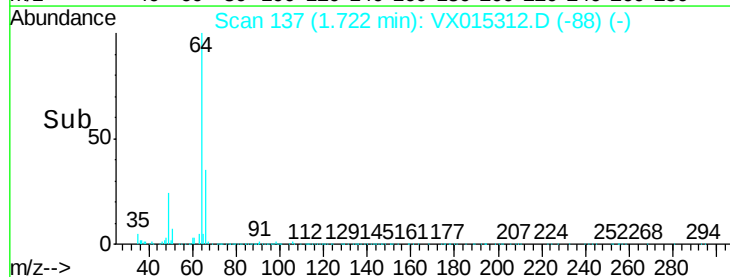
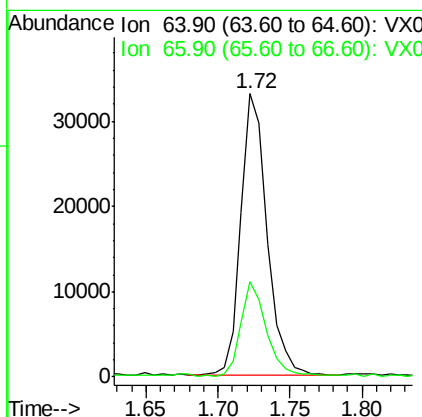
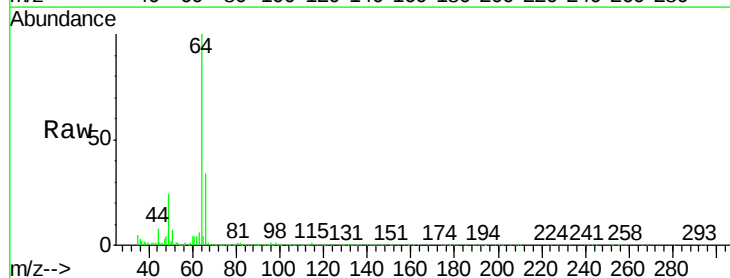
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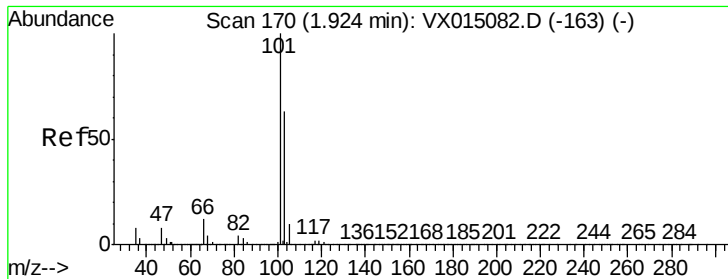
Tgt Ion: 64 Resp: 41672

Ion Ratio Lower Upper

64 100

66 33.3 25.8 38.8





#7

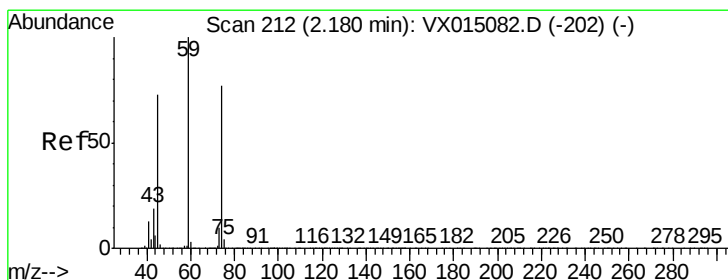
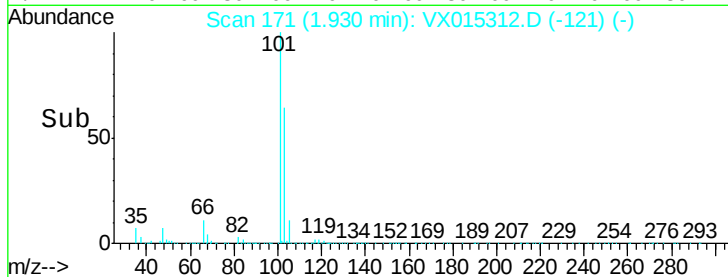
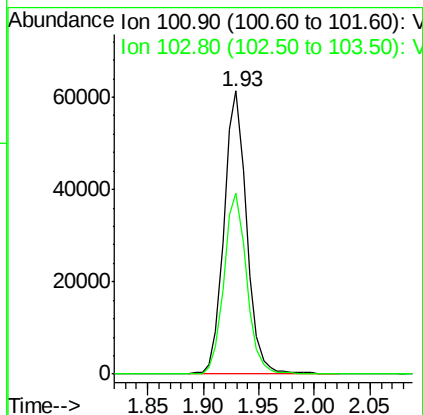
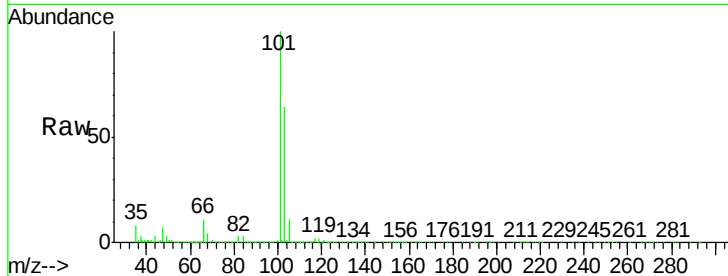
Trichlorofluoromethane
Concen: 18.759 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	50.4	75.6

Manual Integrations
APPROVED

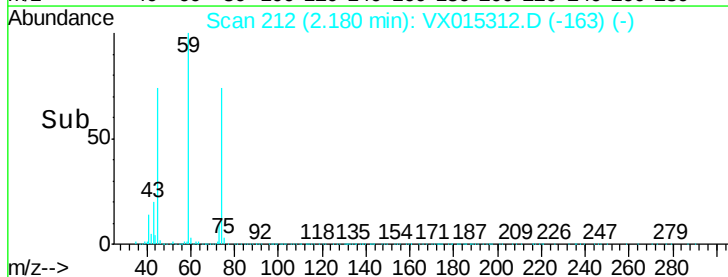
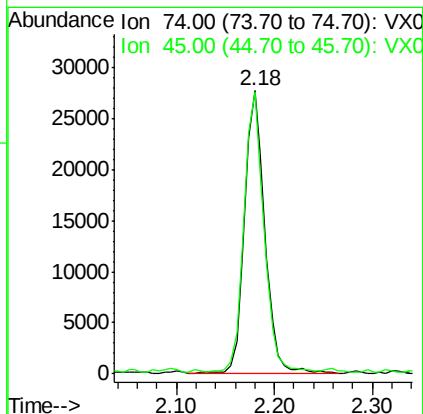
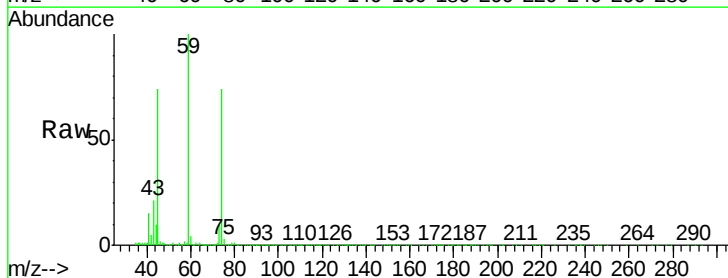
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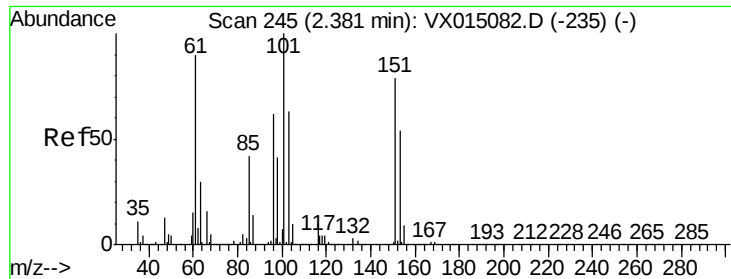


#8

Diethyl Ether
Concen: 19.169 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.1	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.347 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

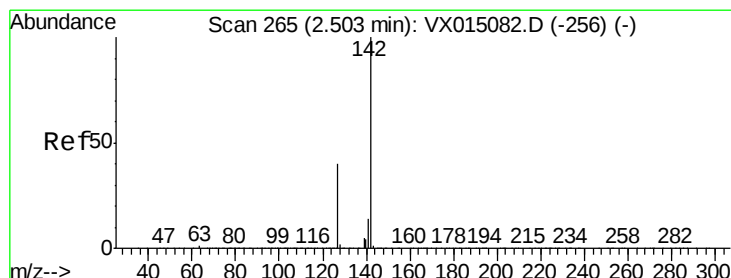
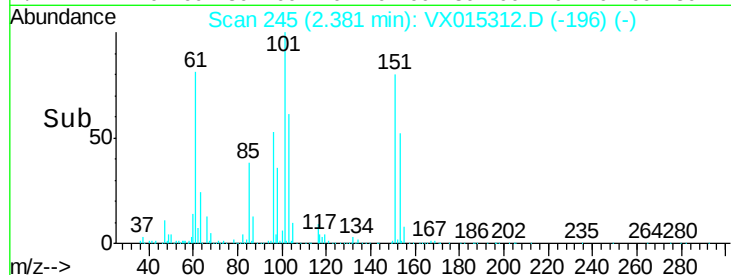
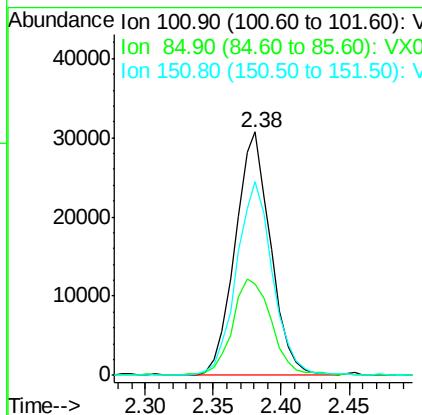
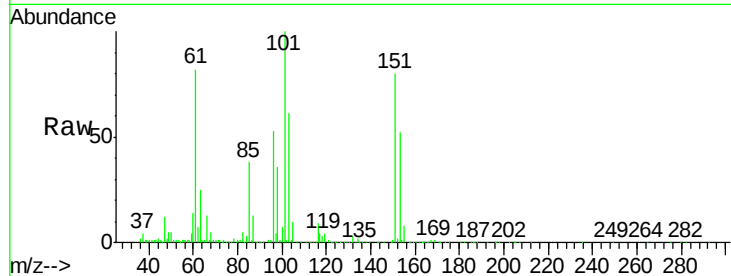
ClientSampleId :

VX0317WBSD01

Tot Ion:	101	Resp:	55449
Ion Ratio	Lower	Upper	
101	100		
85	44.5	33.7	50.5
151	82.2	64.0	96.0

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#10

Methyl Iodide

Concen: 17.503 ug/l

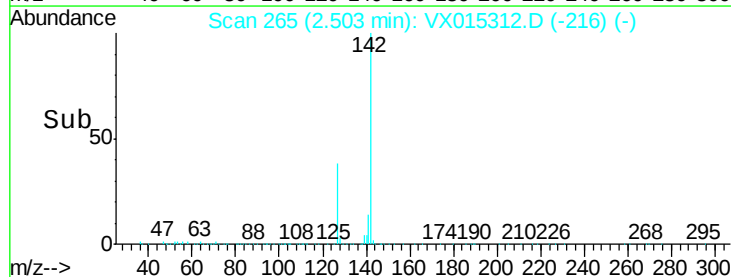
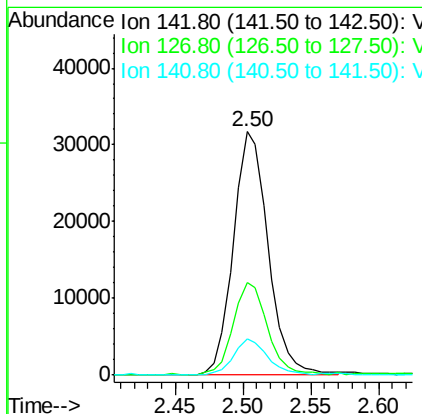
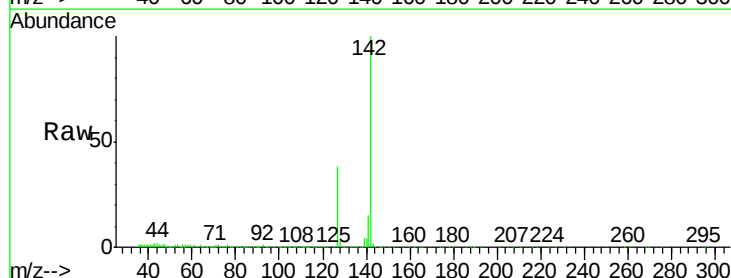
RT: 2.50 min Scan# 265

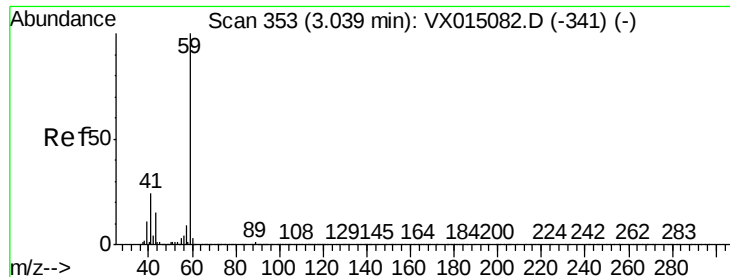
Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Tgt Ion:	142	Resp:	56675
Ion Ratio	Lower	Upper	
142	100		
127	37.7	31.7	47.5
141	14.7	11.3	16.9





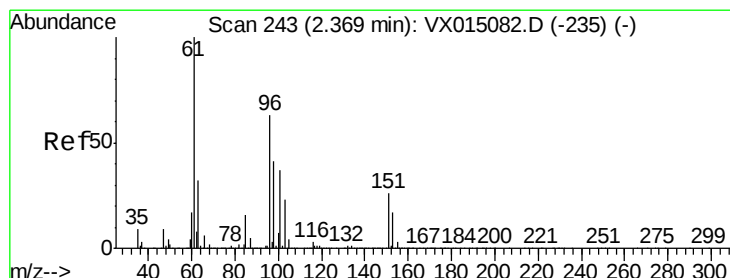
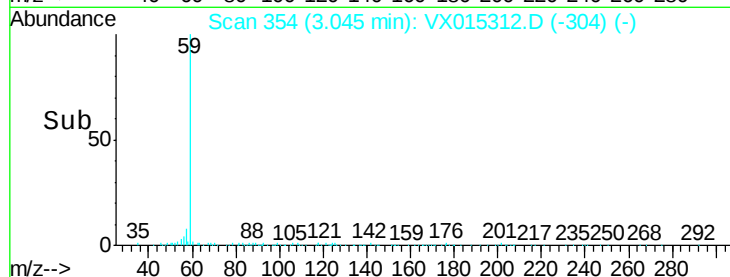
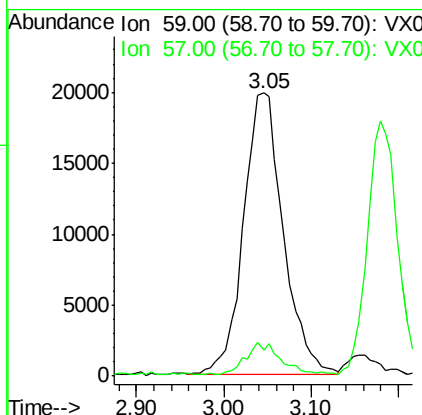
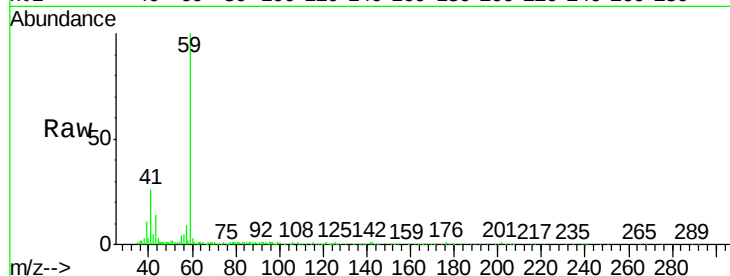
#11
Tert butyl alcohol
Concen: 99.709 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion: 59 Resp: 62471
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

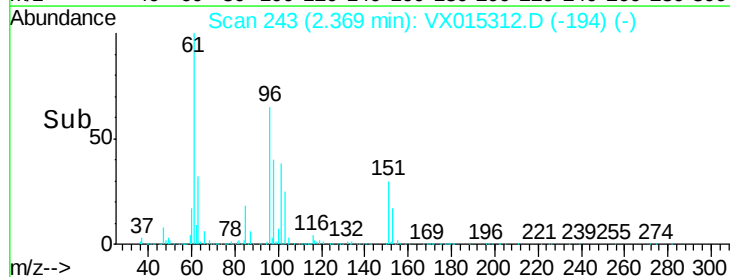
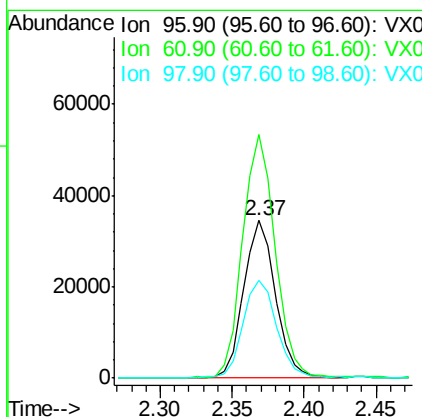
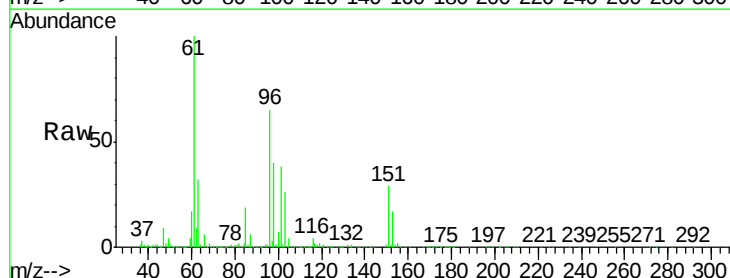
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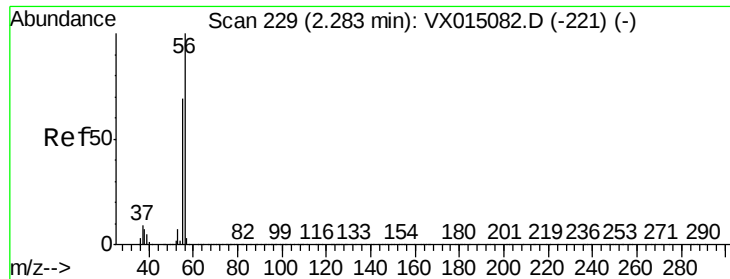
MMDadoda
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#12
1,1-Dichloroethene
Concen: 17.614 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion: 96 Resp: 52102
Ion Ratio Lower Upper
96 100
61 154.3 126.2 189.4
98 61.3 51.4 77.0





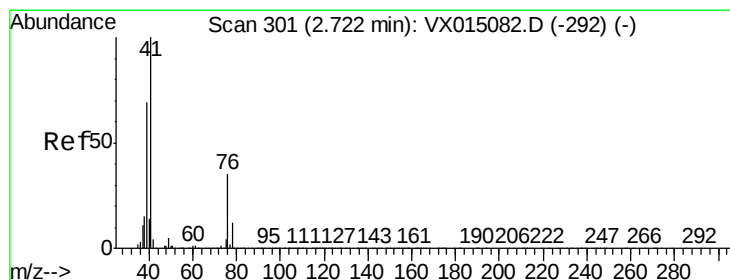
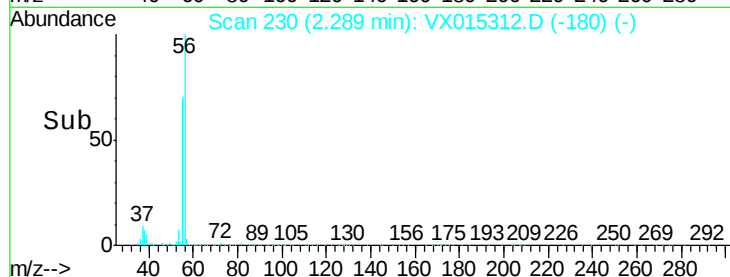
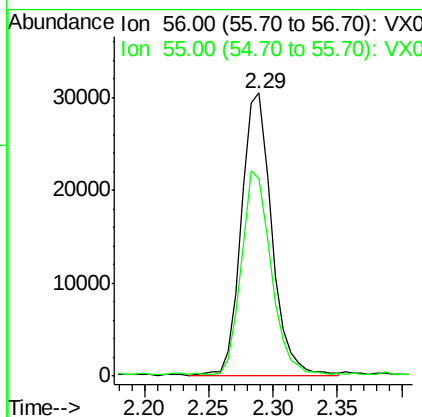
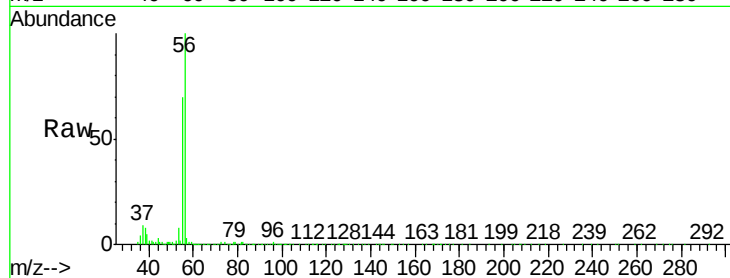
#13
Acrolein
Concen: 83.610 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.3	55.4	83.0

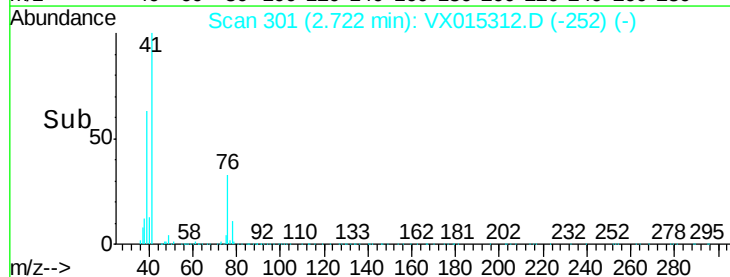
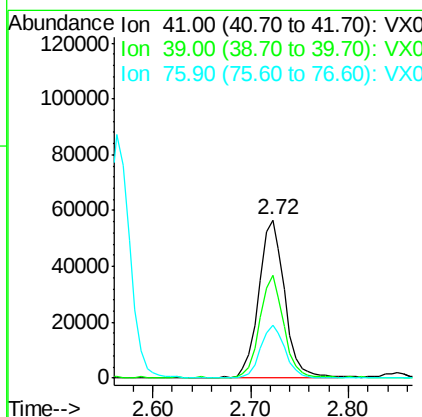
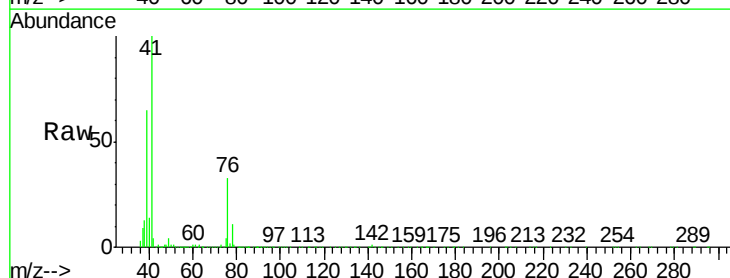
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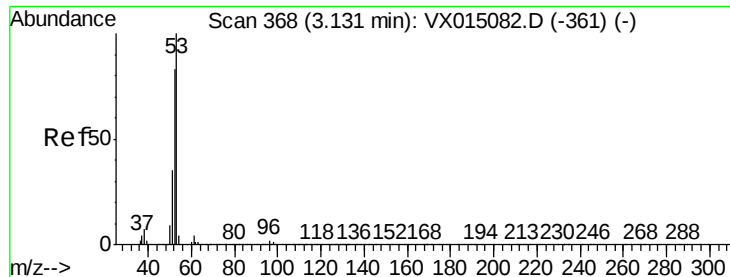
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#14
Allyl chloride
Concen: 20.163 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.3	52.9	79.3
76	31.3	26.8	40.2





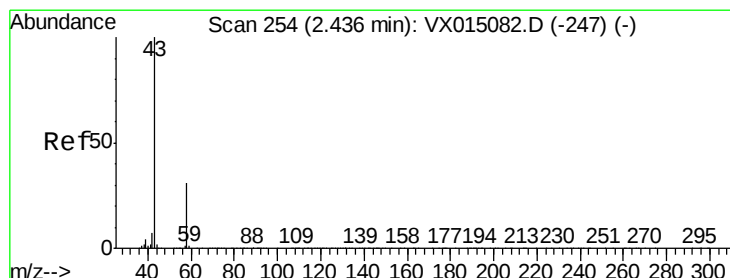
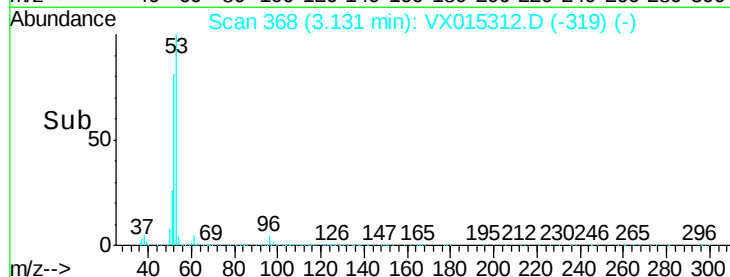
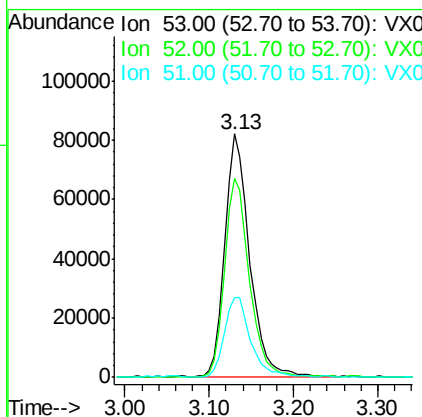
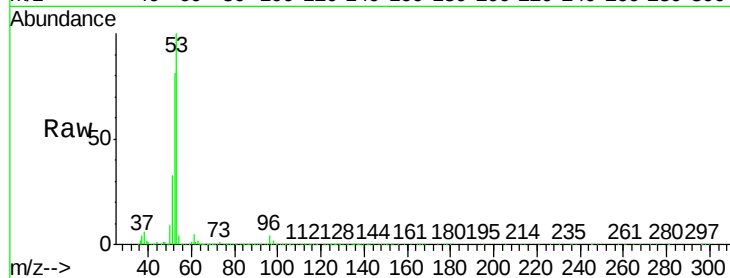
#15
 Acrylonitrile
 Concen: 106.090 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01

Tot Ion:	53	Resp:	165534
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.6	100.0
51	33.8	29.0	43.6

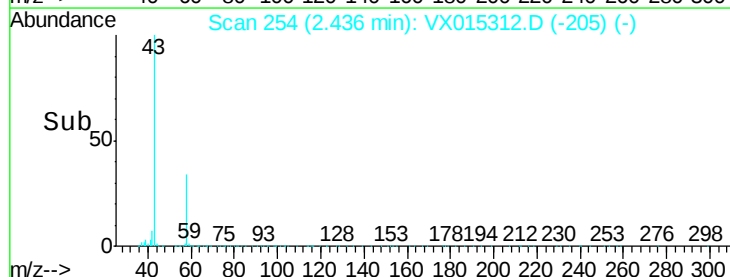
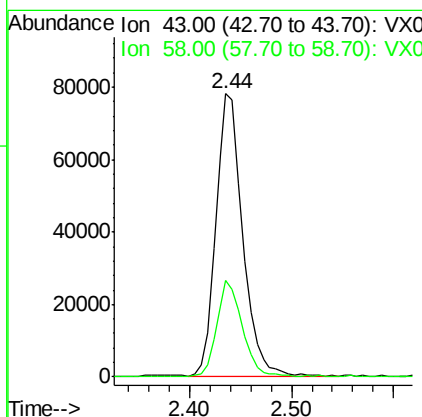
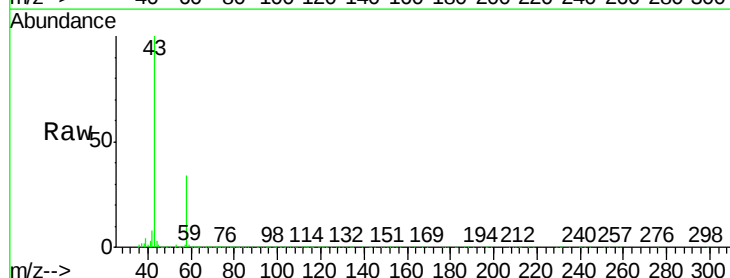
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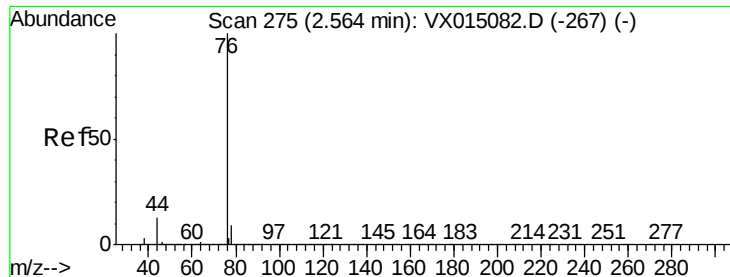
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#16
 Acetone
 Concen: 97.308 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Tgt Ion:	43	Resp:	142308
Ion Ratio	Lower	Upper	
43	100		
58	34.0	24.8	37.2





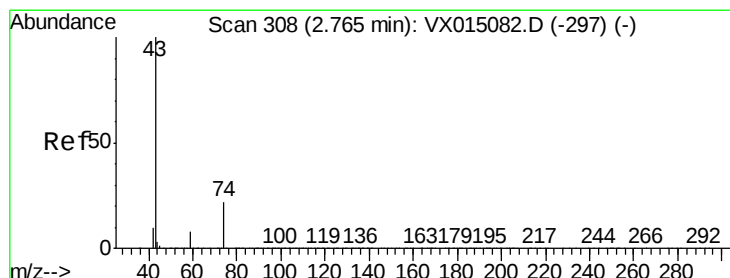
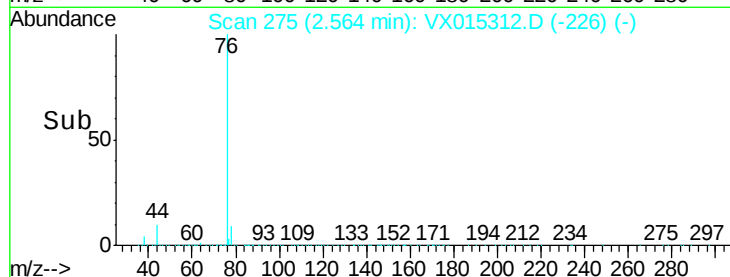
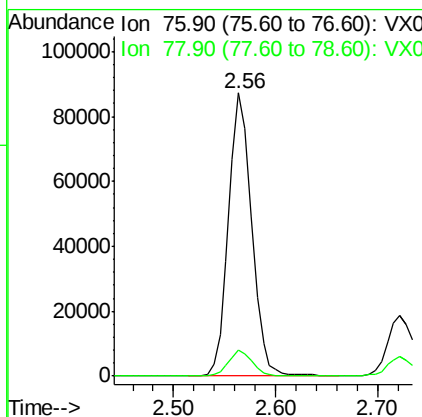
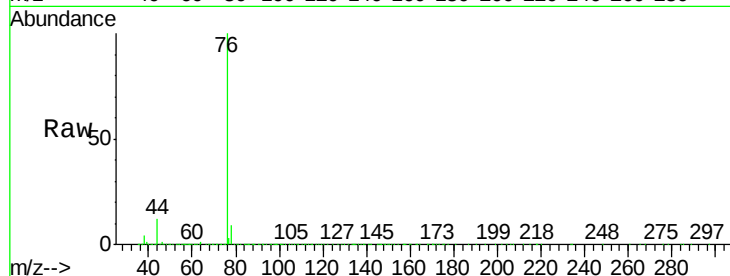
#17
Carbon Disulfide
Concen: 16.664 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

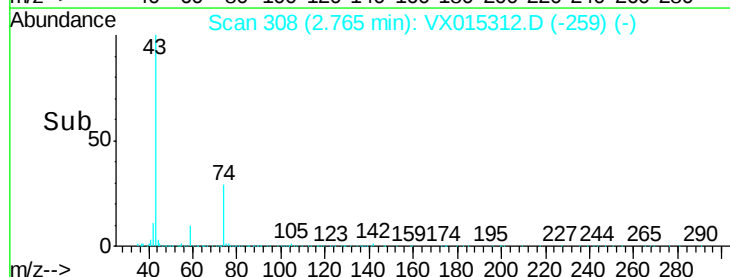
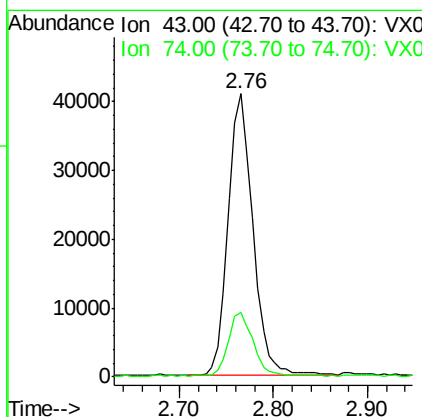
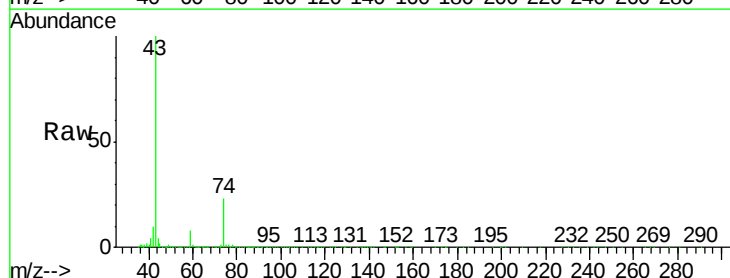
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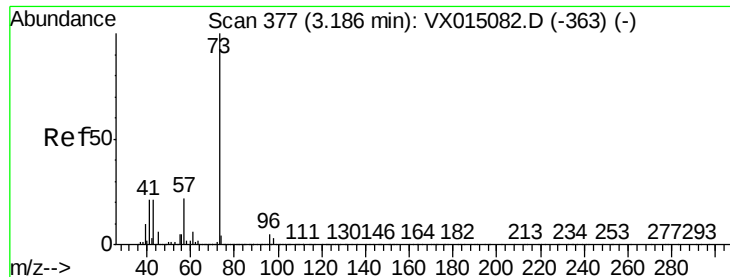
MMDadoda
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#18
Methyl Acetate
Concen: 21.016 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.8	28.2





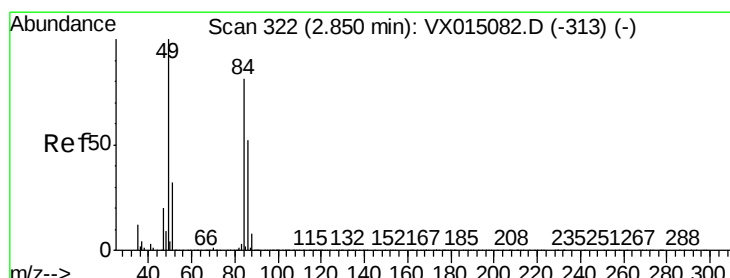
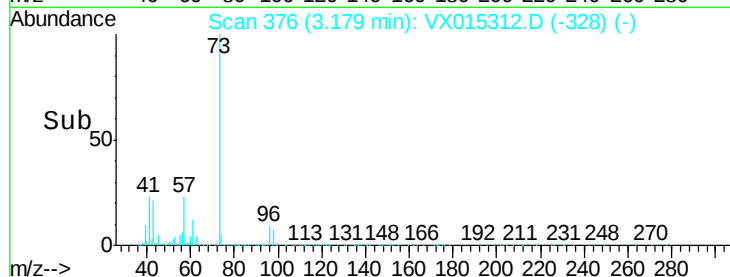
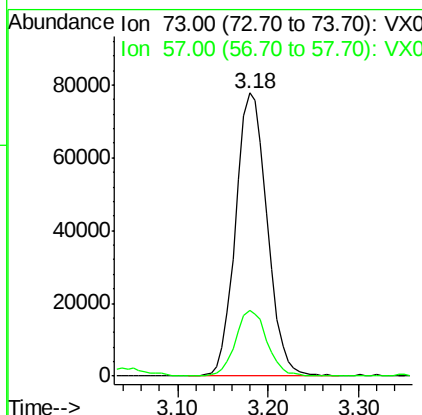
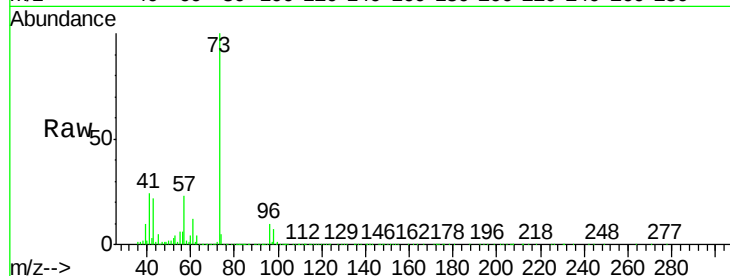
#19
Methvl tert-butvl Ether
Concen: 20.230 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.8	26.6

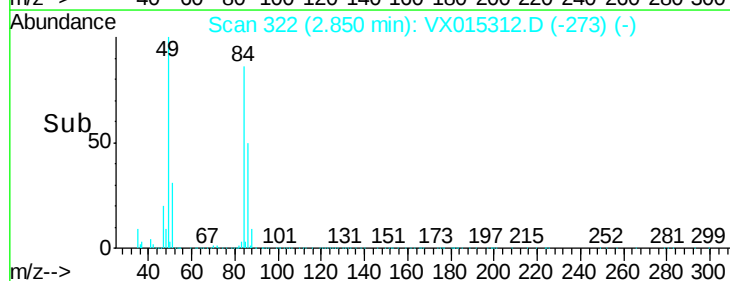
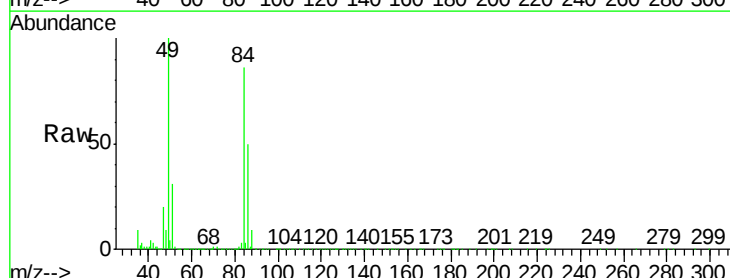
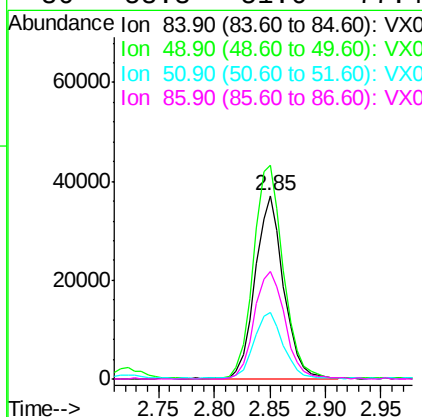
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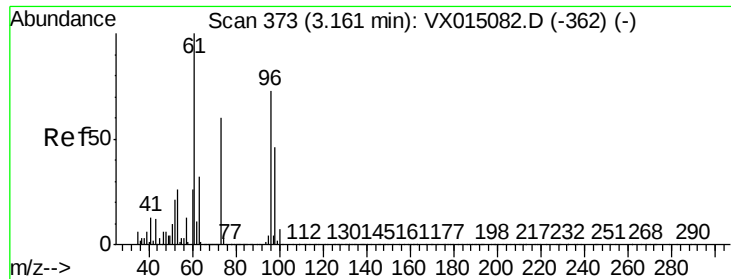
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#20
Methylene Chloride
Concen: 19.346 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.1	99.4	149.2
51	35.7	31.5	47.3
86	58.3	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 19.173 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

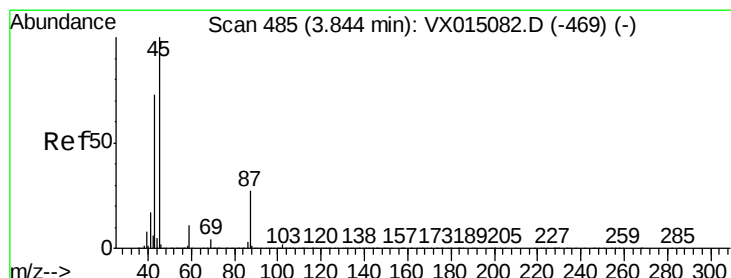
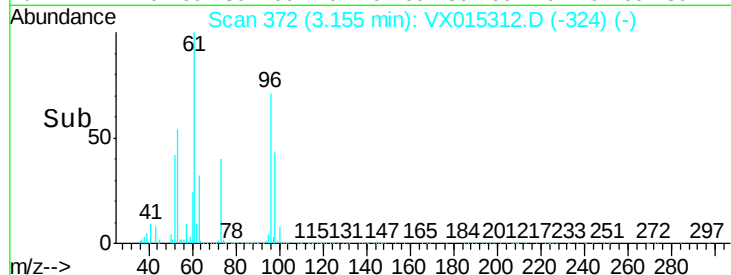
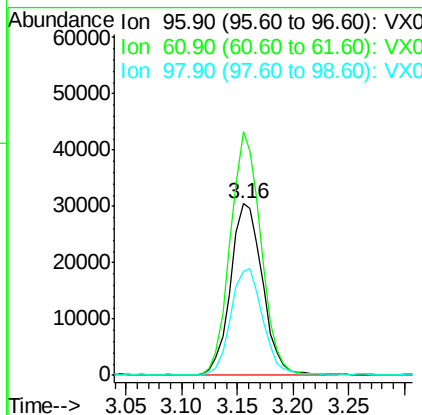
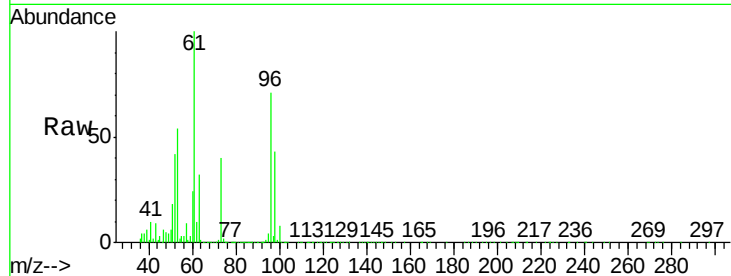
ClientSampleId :

VX0317WBSD01

Tot Ion:	96	Resp:	60557
Ion	Ratio	Lower	Upper
96	100		
61	141.8	109.9	164.9
98	60.3	50.2	75.2

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#22

Diisopropyl ether

Concen: 21.299 ug/l

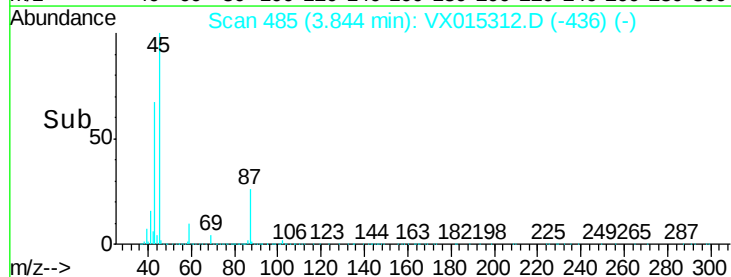
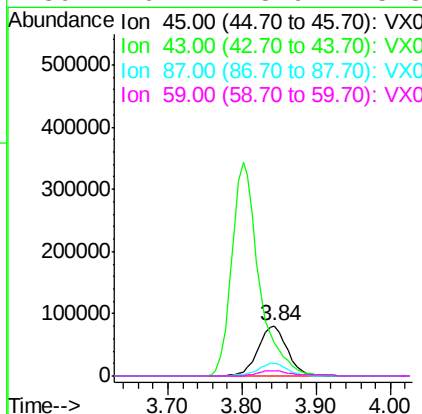
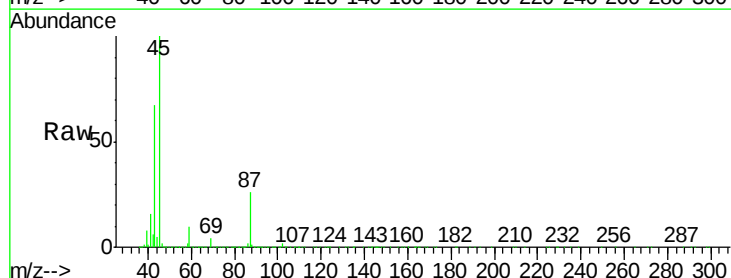
RT: 3.84 min Scan# 485

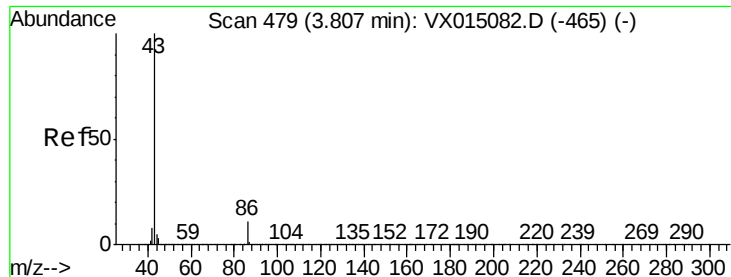
Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Tgt Ion:	45	Resp:	218864
Ion	Ratio	Lower	Upper
45	100		
43	67.1	58.2	87.2
87	25.7	21.2	31.8
59	10.2	8.9	13.3





#23

Vinyl Acetate

Concen: 104.514 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

Tot Ion: 43 Resp: 882802

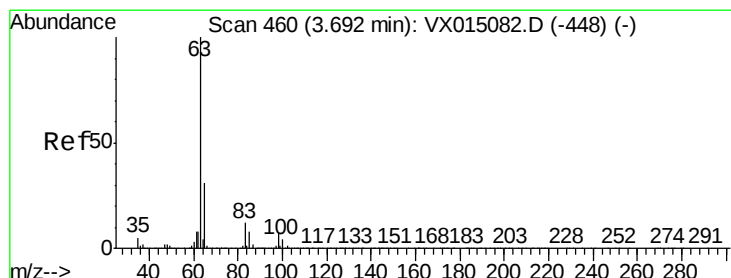
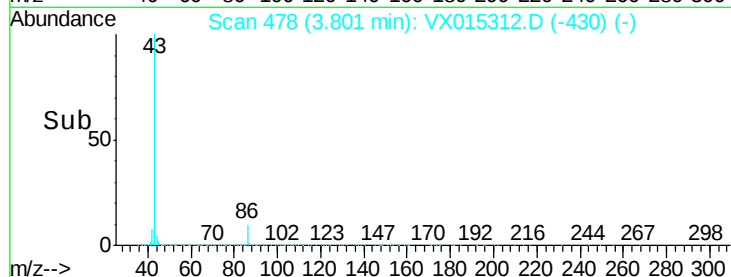
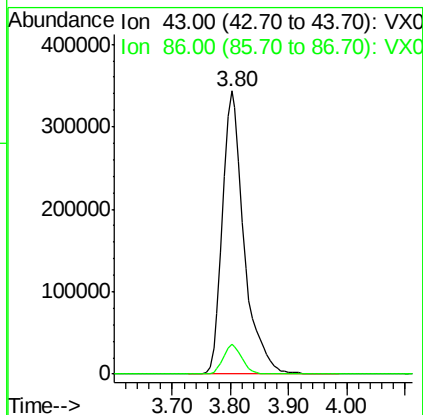
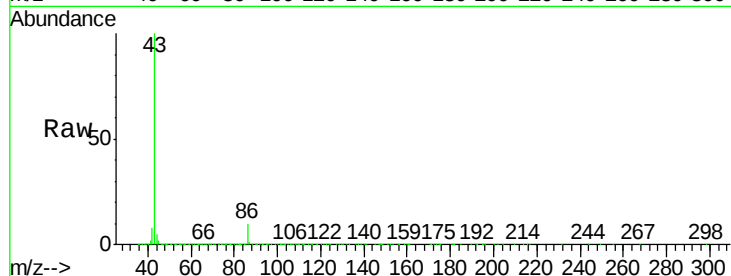
Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 19.878 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

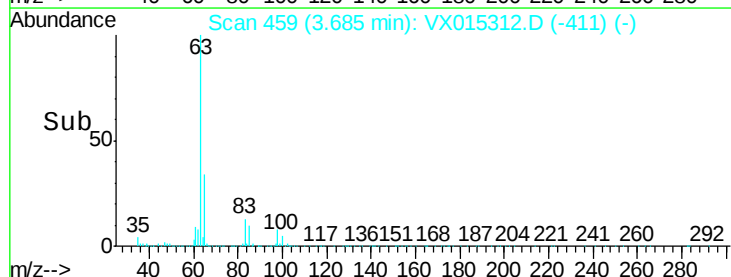
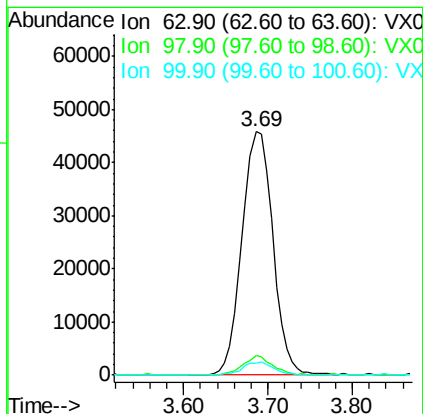
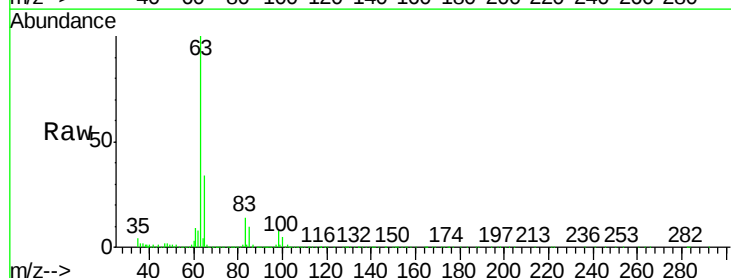
Tgt Ion: 63 Resp: 113367

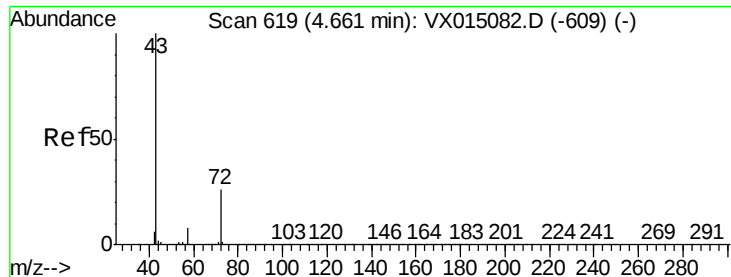
Ion Ratio Lower Upper

63 100

98 8.1 3.7 11.1

100 4.8 2.1 6.5





#25

2-Butanone

Concen: 104.199 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Tot Ion: 43 Resp: 223092

Ion Ratio Lower Upper

43 100

72 25.4 20.6 30.8

Instrument :

MSVOA_X

ClientSampleId :

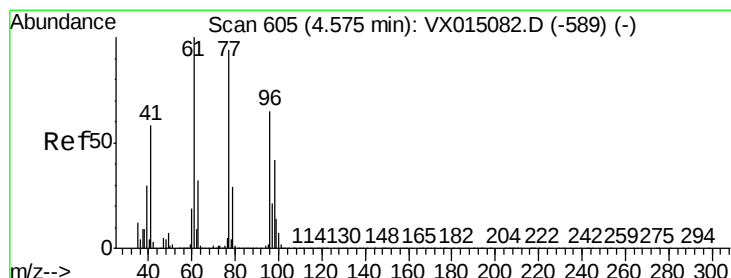
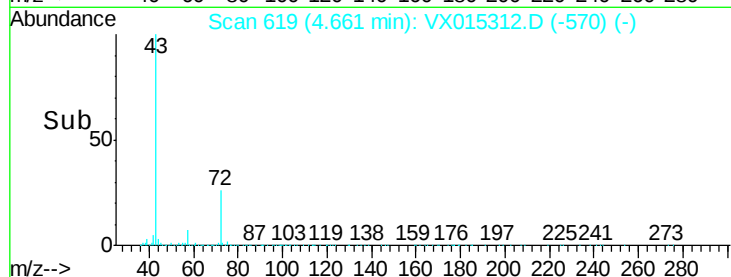
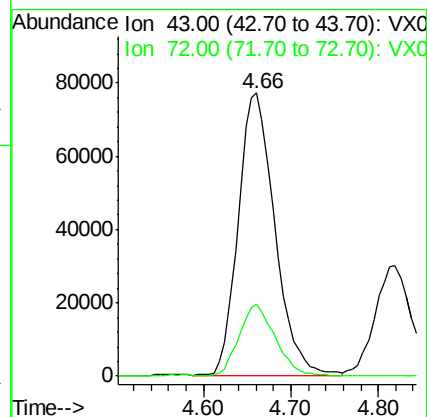
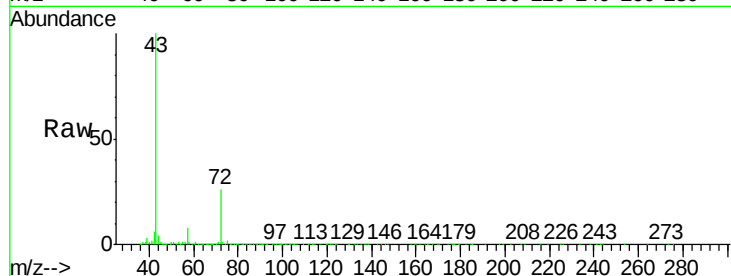
VX0317WBSD01

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.553 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015312.D

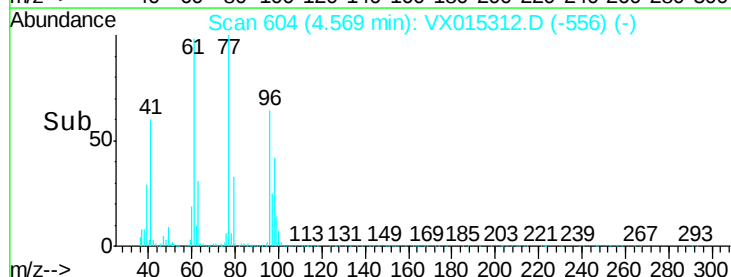
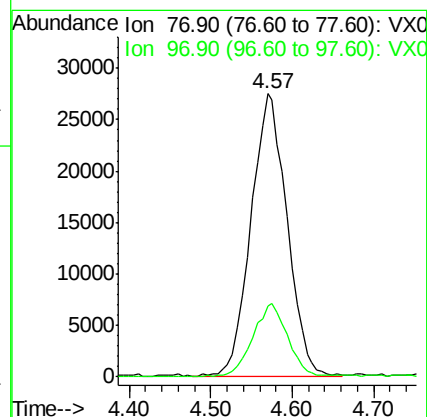
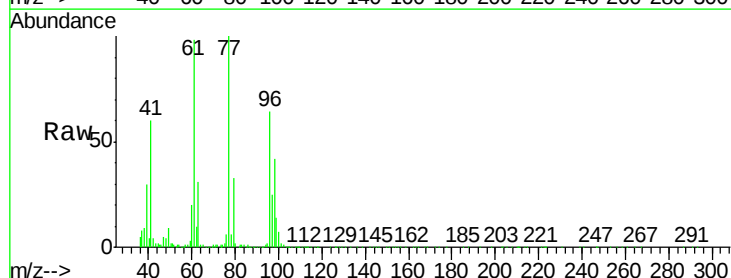
Acq: 17 Mar 2020 10:22

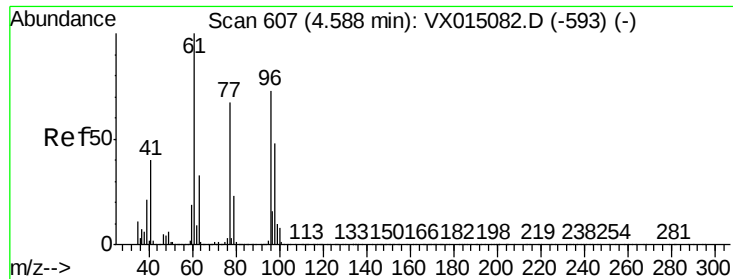
Tgt Ion: 77 Resp: 83997

Ion Ratio Lower Upper

77 100

97 25.5 11.8 35.4





#27

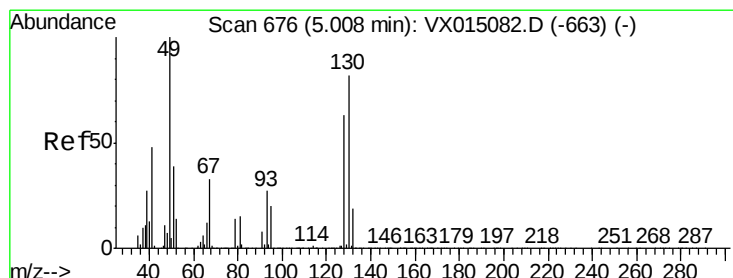
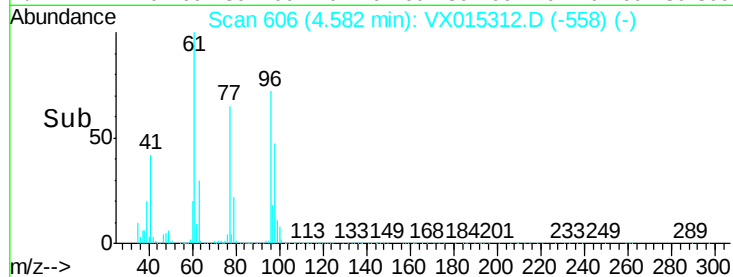
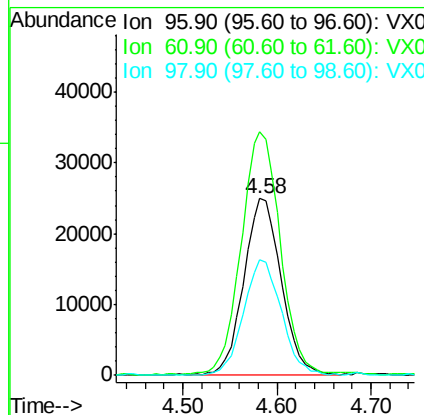
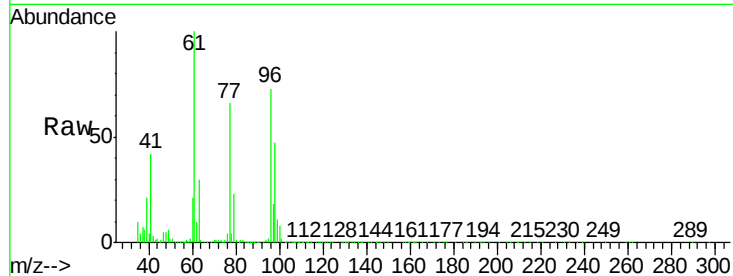
cis-1,2-Dichloroethene
Concen: 19.298 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	286.8
98	67.0	0.0	128.4

Manual Integrations
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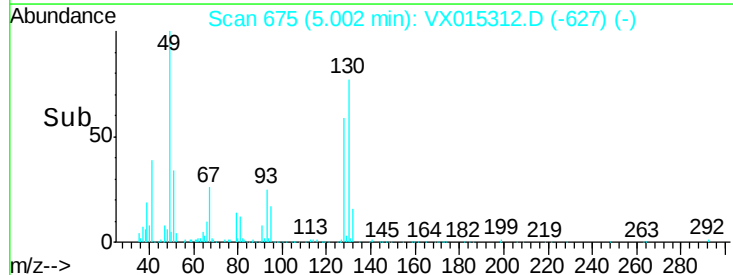
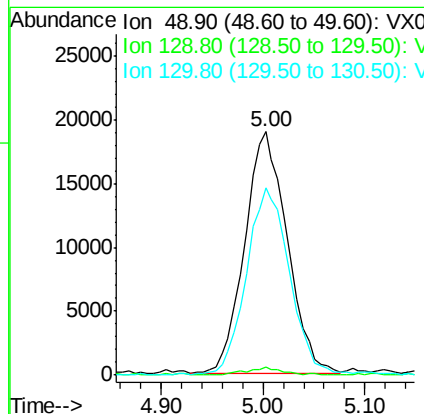
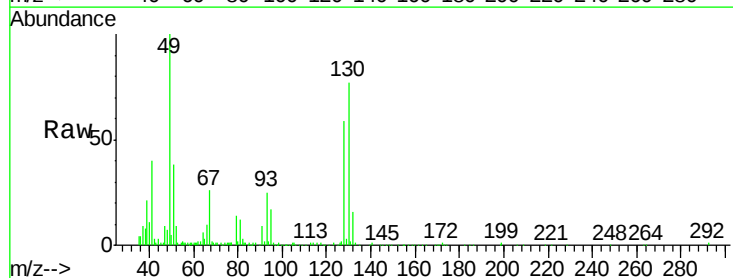
MMDadoda
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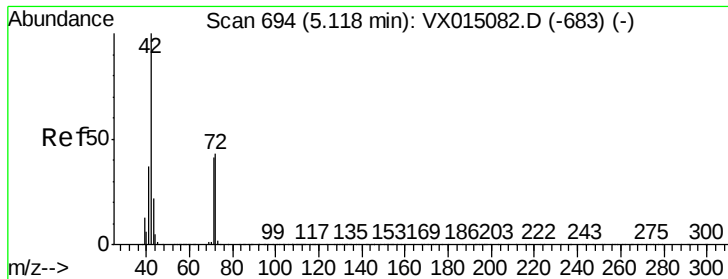


#28

Bromochloromethane
Concen: 21.133 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	77.5	65.0	97.6





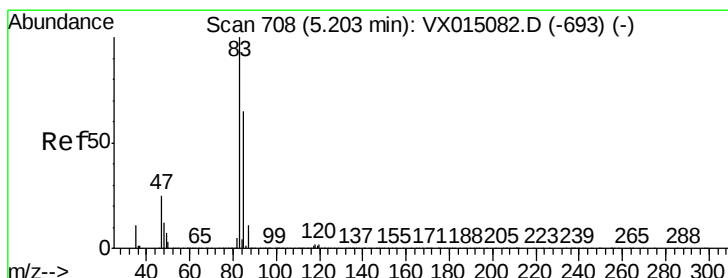
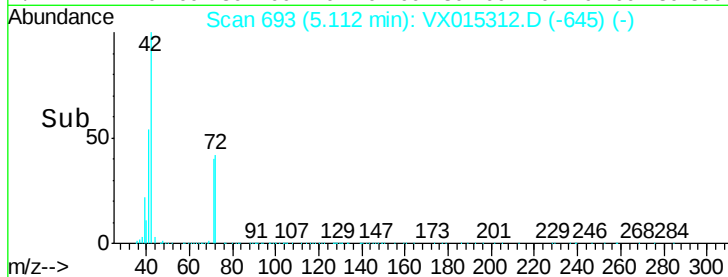
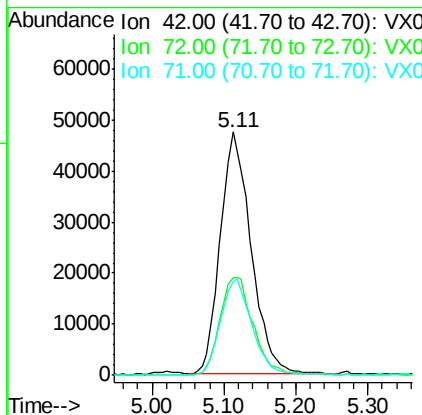
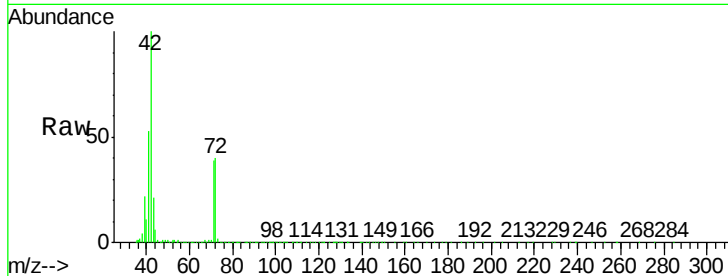
#29
Tetrahydrofuran
Concen: 102.512 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	36.4	54.6
71	39.9	33.3	49.9

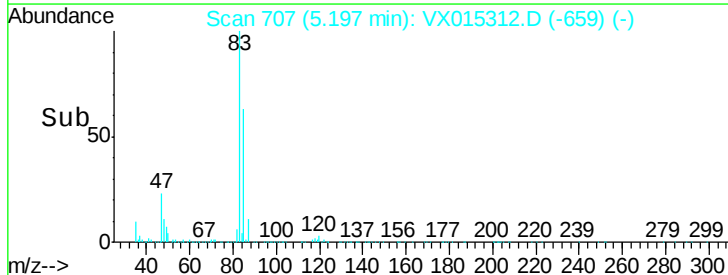
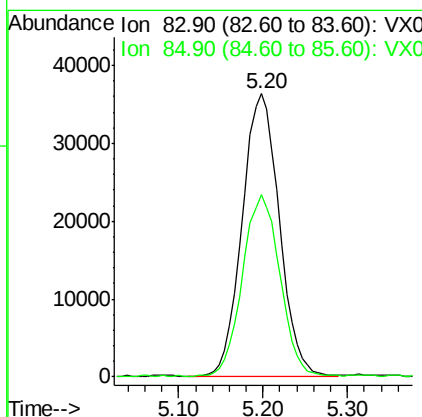
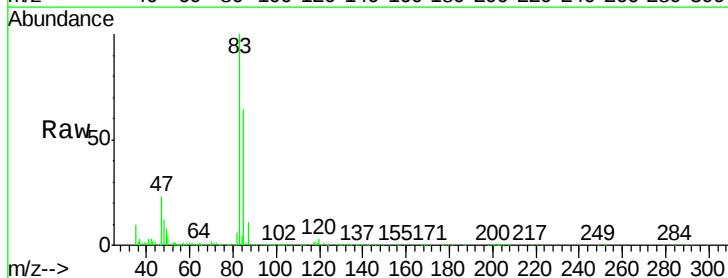
Manual Integrations
APPROVED

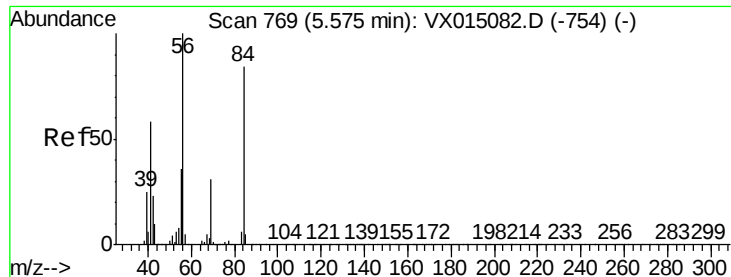
MMDadoda
3/18/2020 4:16:49 PM



#30
Chloroform
Concen: 19.522 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.0	78.0





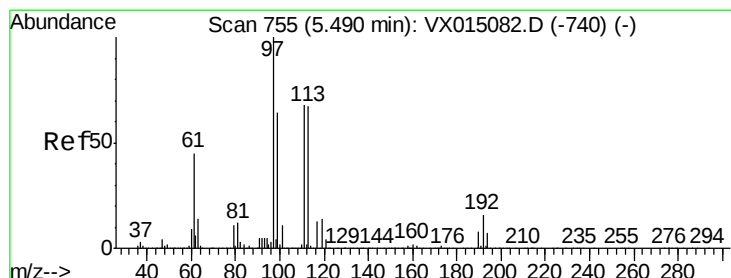
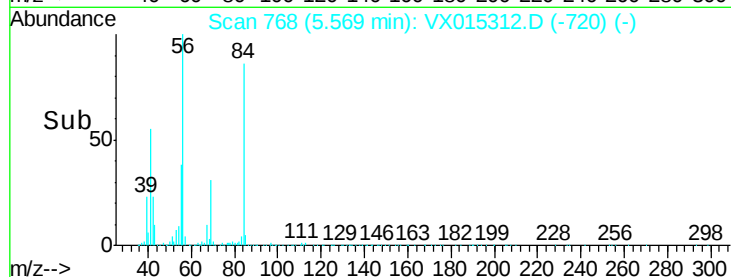
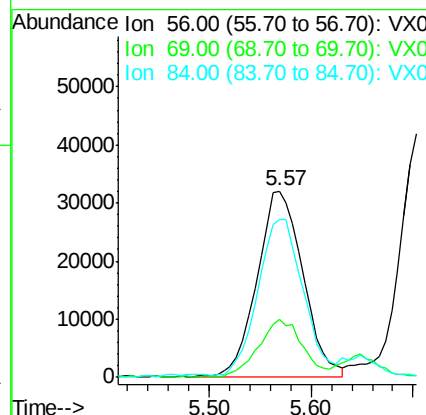
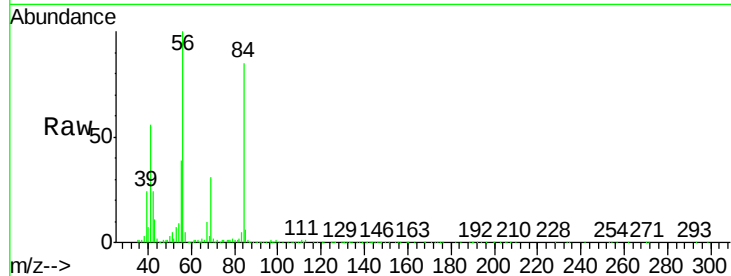
#31
Cyclohexane
Concen: 19.380 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.0	37.6
84	84.3	67.6	101.4

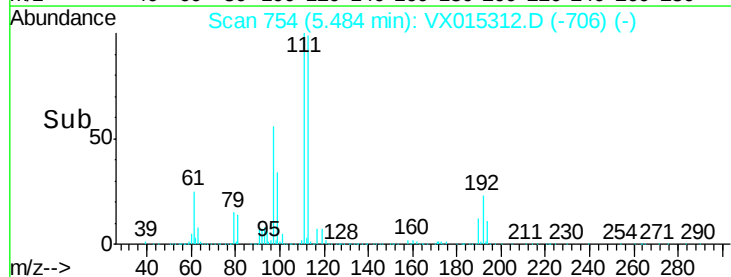
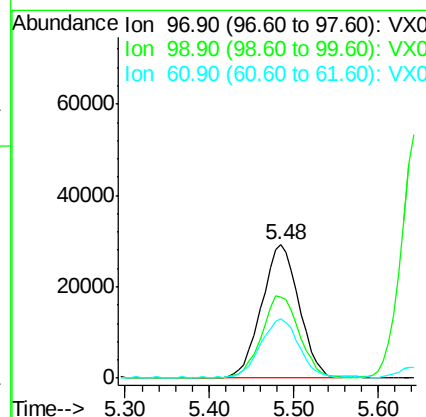
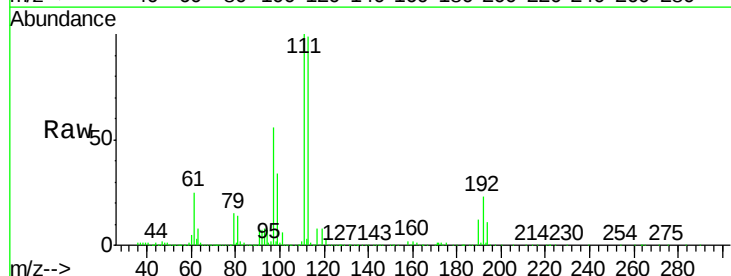
Manual Integrations
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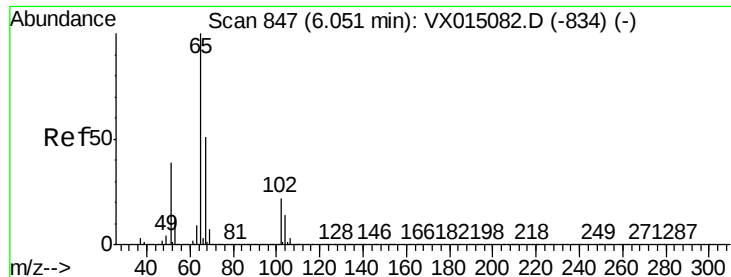
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#32
1,1,1-Trichloroethane
Concen: 19.481 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.5	52.8	79.2
61	44.4	36.6	54.8





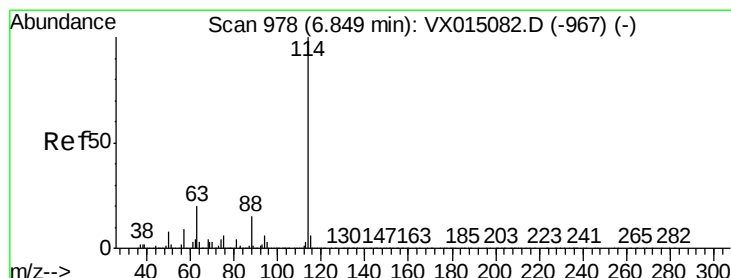
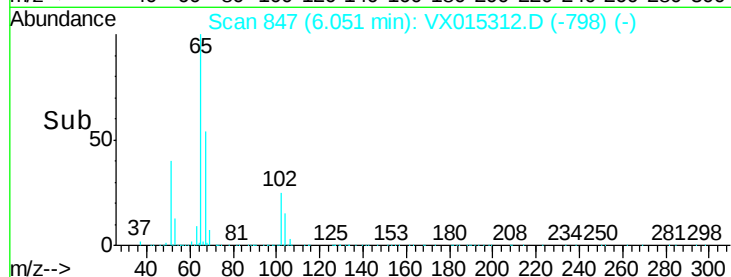
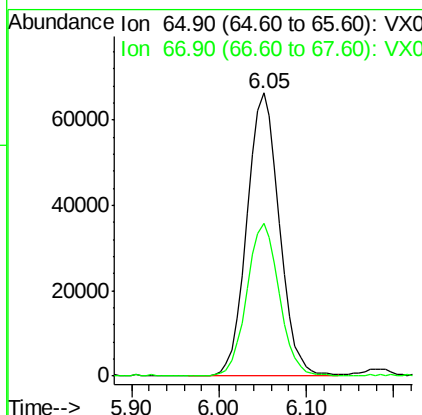
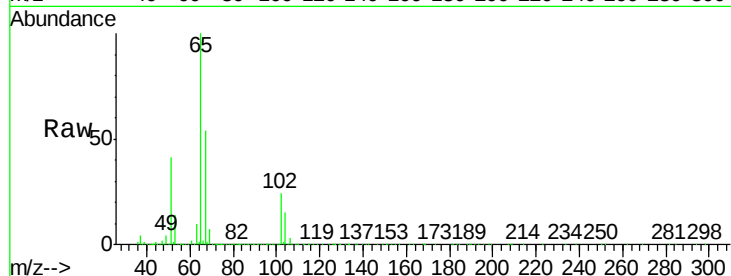
#33
 1,2-Dichloroethane-d4
 Concen: 47.204 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	170461		
67	54.3	0.0	105.6	

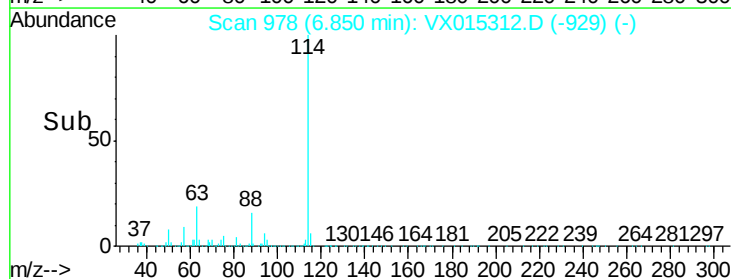
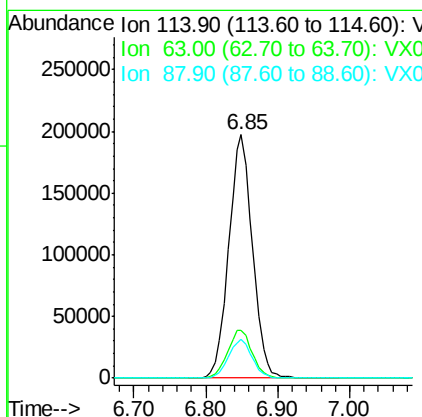
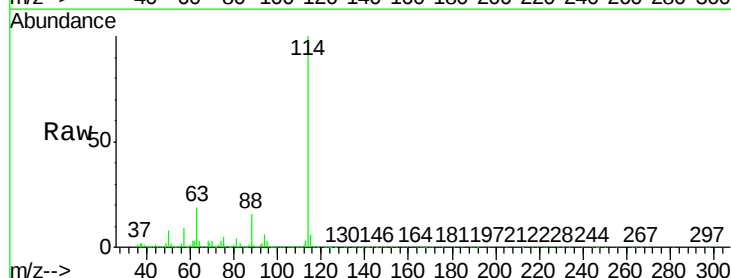
Manual Integrations
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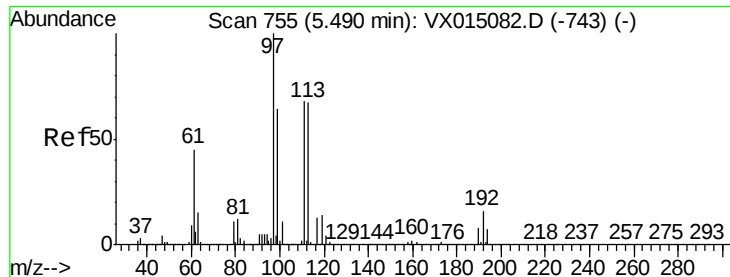
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	450298		
63	19.3	0.0	40.0	
88	15.8	0.0	30.6	





#35

Dibromofluoromethane

Concen: 50.887 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

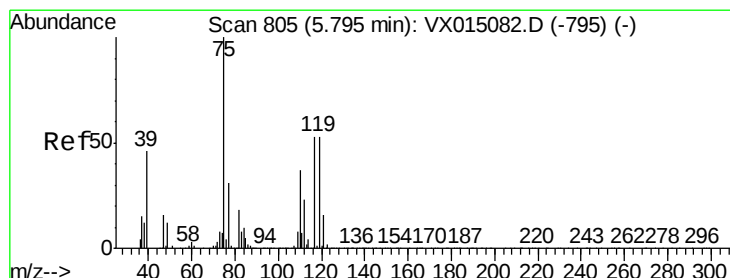
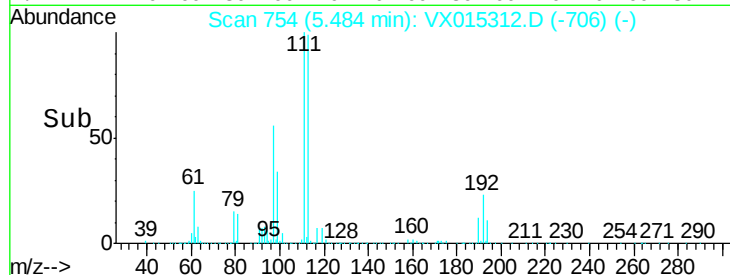
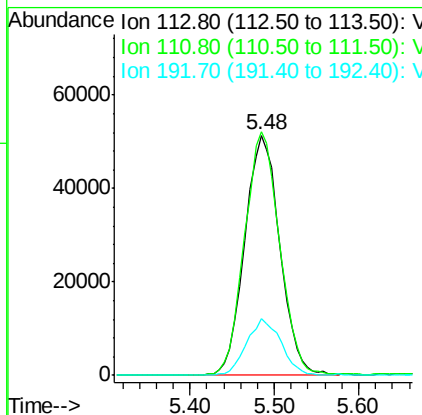
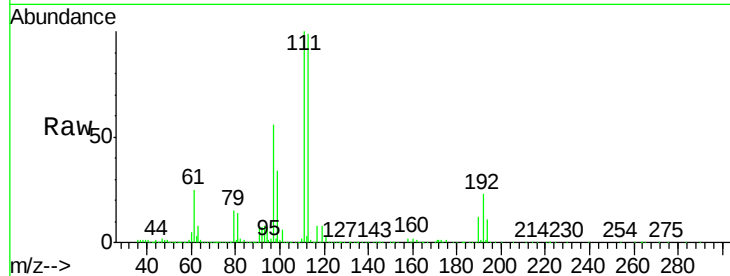
ClientSampleId :

VX0317WBSD01

Tot Ion:	113	Resp:	144560
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.6	123.8
192	23.6	18.6	28.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.496 ug/l

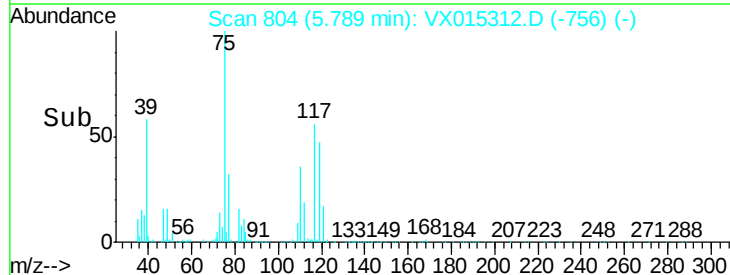
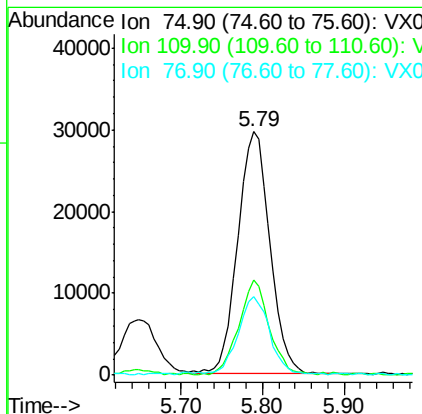
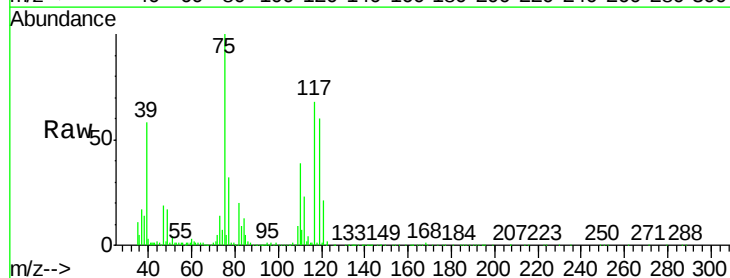
RT: 5.79 min Scan# 804

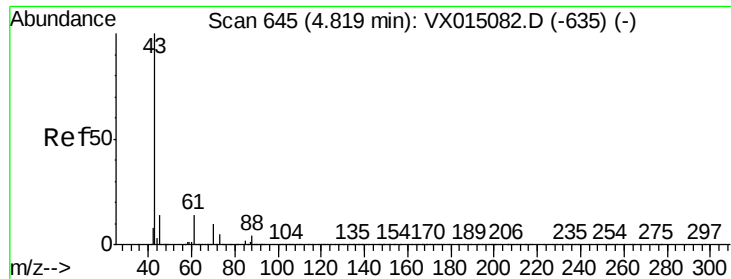
Delta R.T. -0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Tgt Ion:	75	Resp:	81159
Ion Ratio	Lower	Upper	
75	100		
110	37.3	17.9	53.8
77	31.6	24.8	37.2





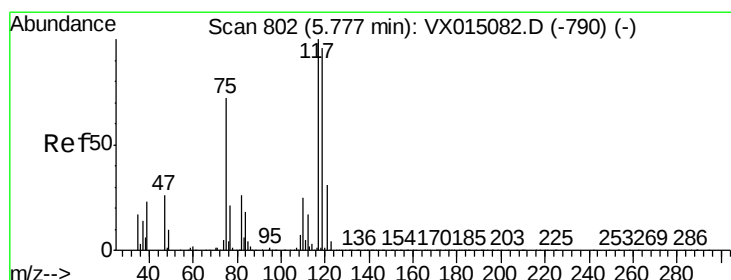
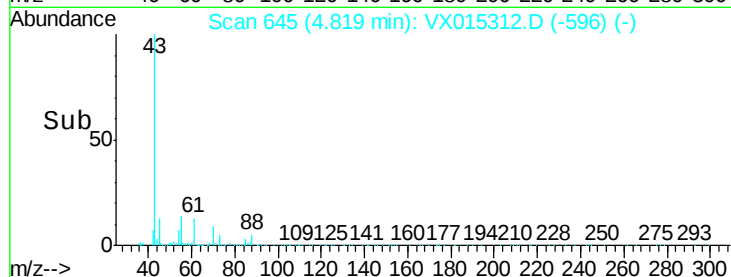
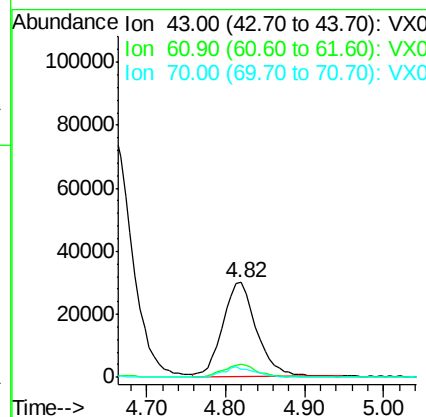
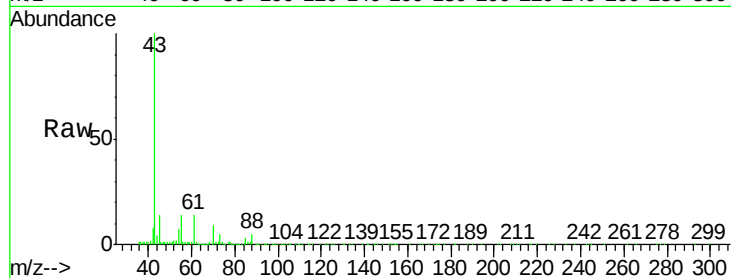
#37
Ethyl Acetate
Concen: 22.964 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion	43	Resp	88673
Ion Ratio	Lower	Upper	
43	100		
61	12.6	11.0	16.4
70	10.4	8.1	12.1

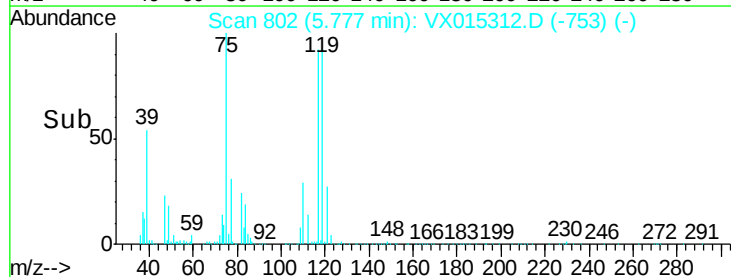
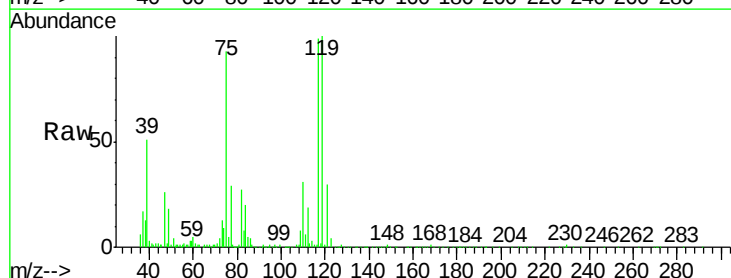
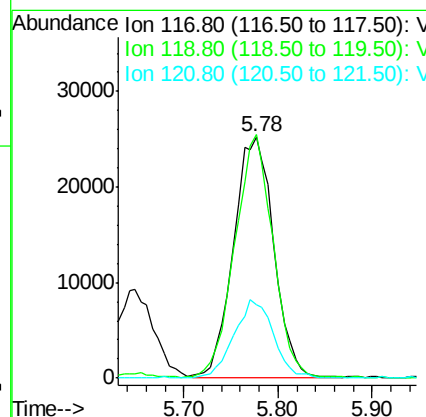
Manual Integrations
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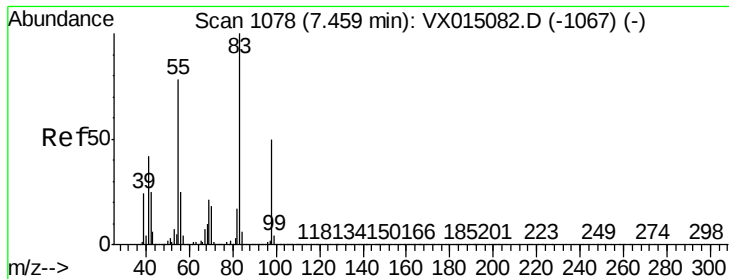
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#38
Carbon Tetrachloride
Concen: 19.202 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion	117	Resp	75451
Ion Ratio	Lower	Upper	
117	100		
119	100.2	76.9	115.3
121	30.1	24.6	37.0





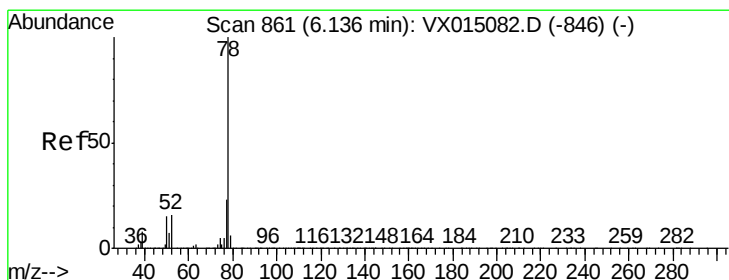
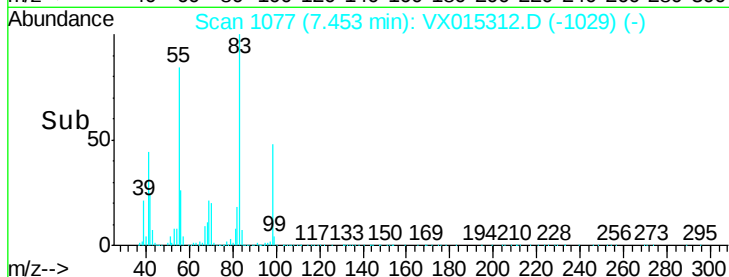
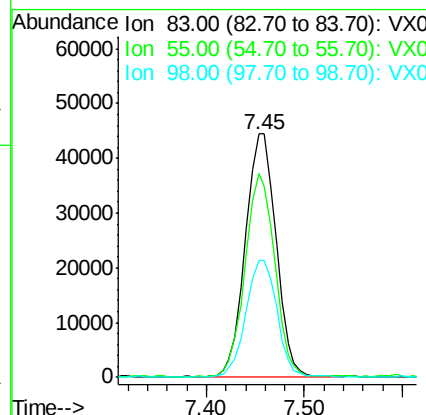
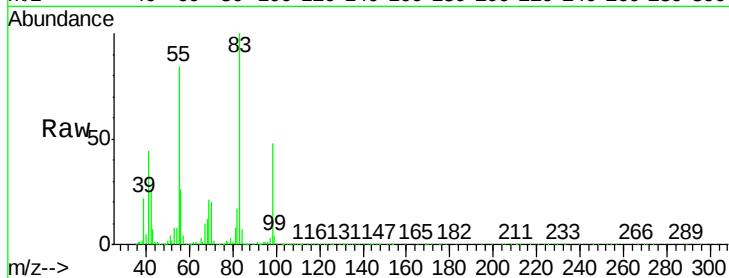
#39
Methvlcvclohexane
Concen: 20.201 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.3	62.4	93.6
98	48.0	39.7	59.5

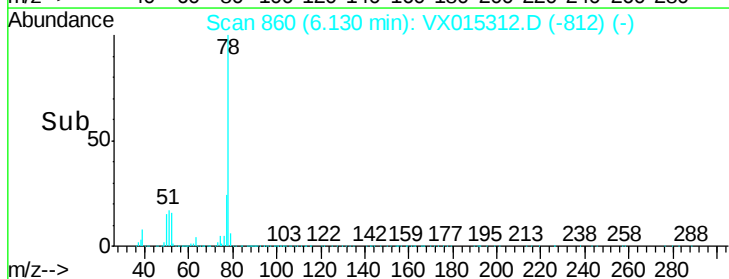
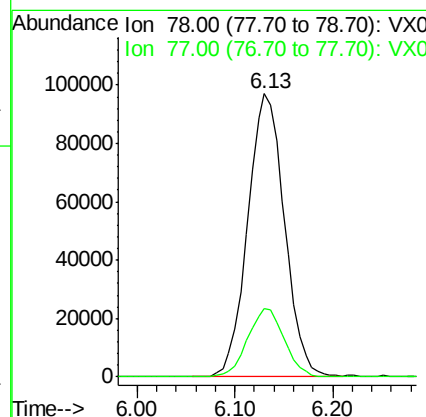
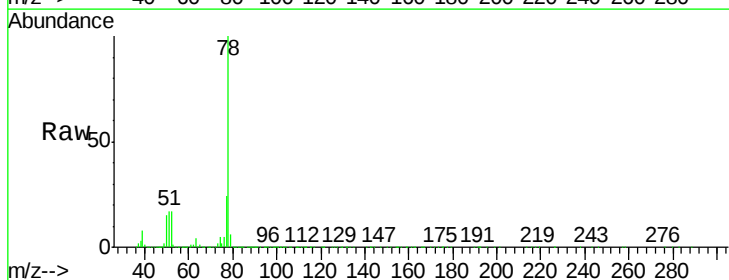
Manual Integrations
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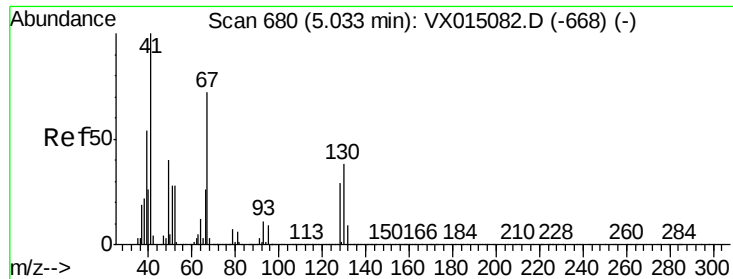
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#40
Benzene
Concen: 20.498 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.6	28.0





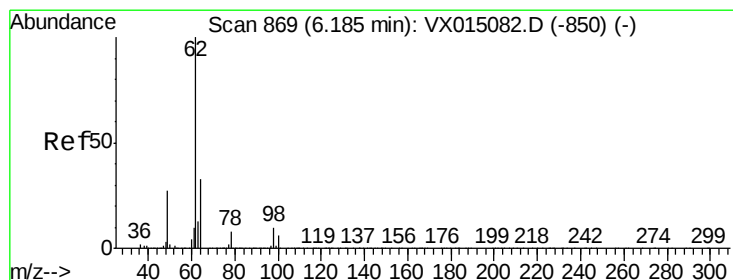
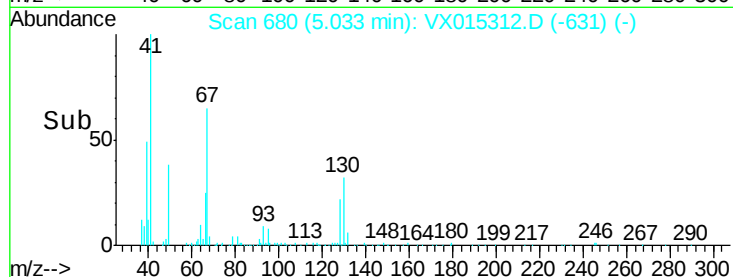
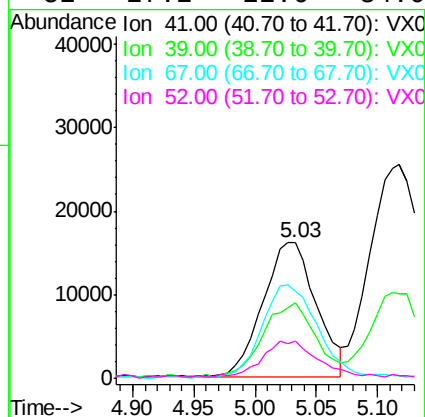
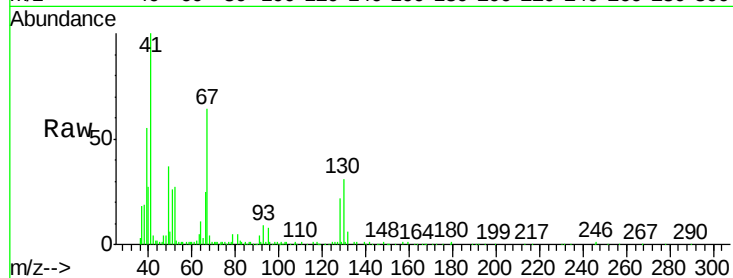
#41
Methacrylonitrile
Concen: 21.059 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.2	43.9	65.9	
67	74.3	57.8	86.8	
52	27.2	22.6	34.0	

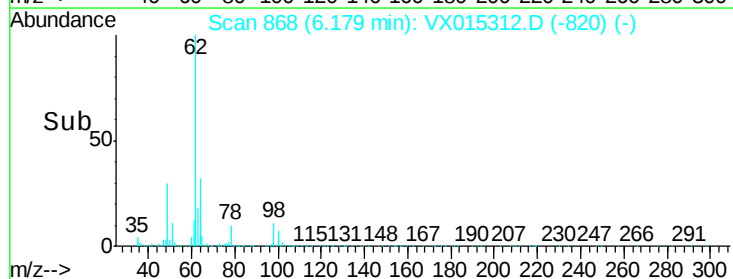
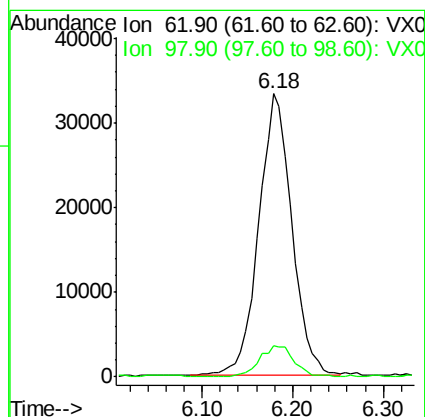
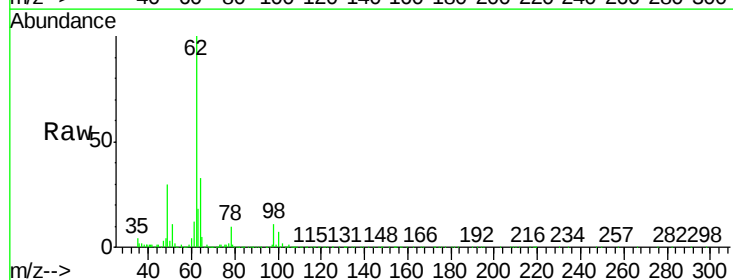
Manual Integrations
APPROVED

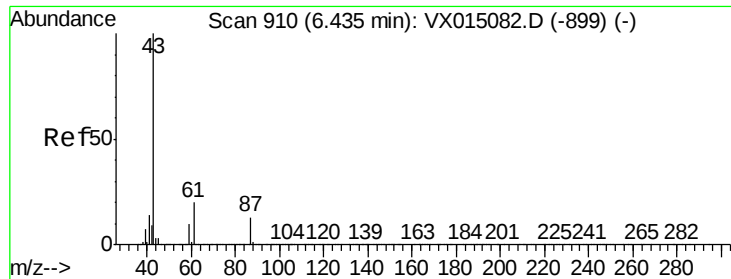
MMDadoda
3/18/2020 4:16:49 PM



#42
1,2-Dichloroethane
Concen: 19.932 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.7	0.0	20.6	





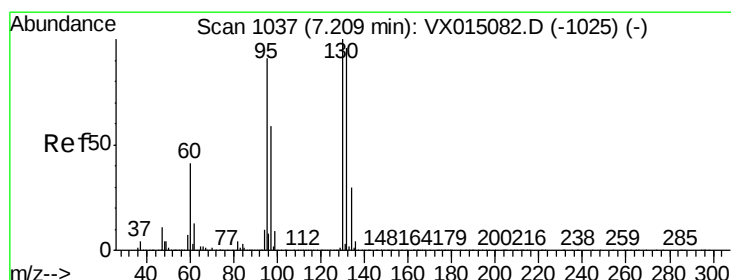
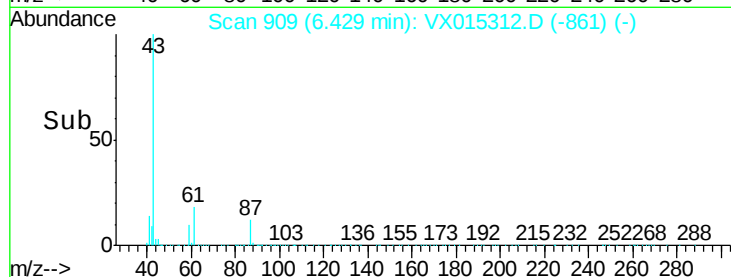
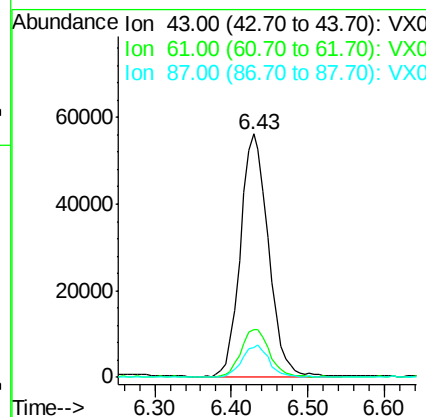
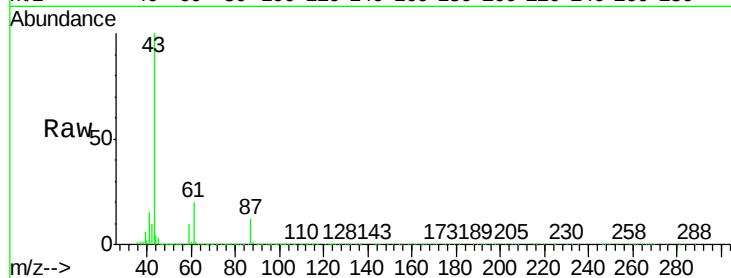
#43
Isopropyl Acetate
Concen: 20.876 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.1	24.1
87	12.5	10.6	16.0

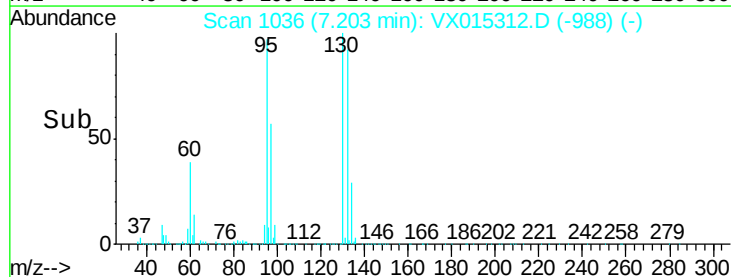
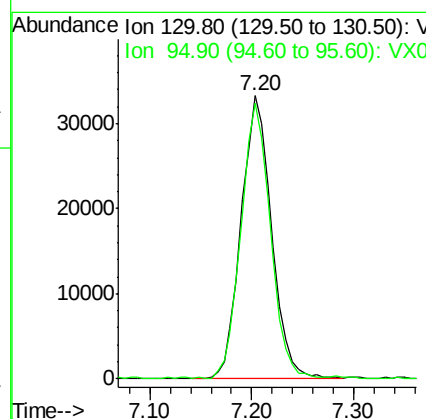
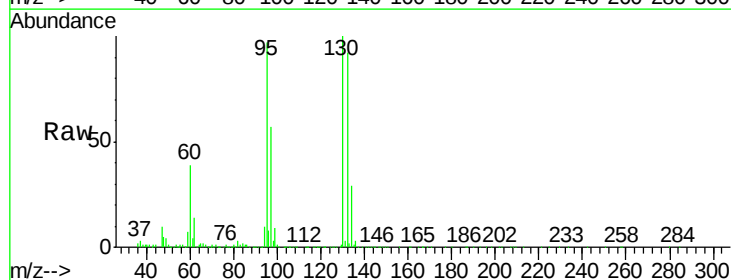
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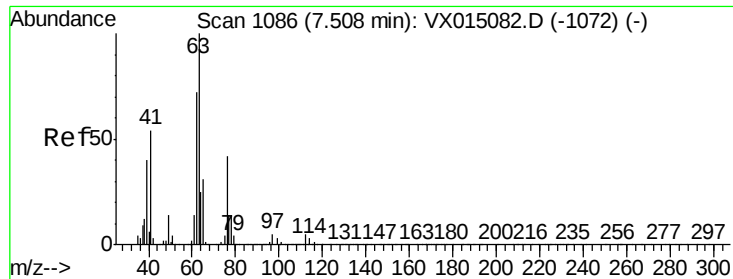
MMDadoda
3/18/2020 4:16:49 PM



#44
Trichloroethene
Concen: 20.026 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	181.2





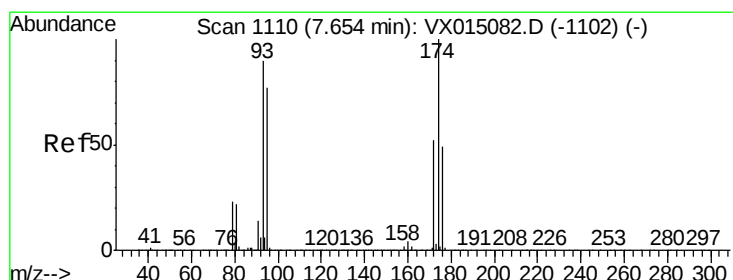
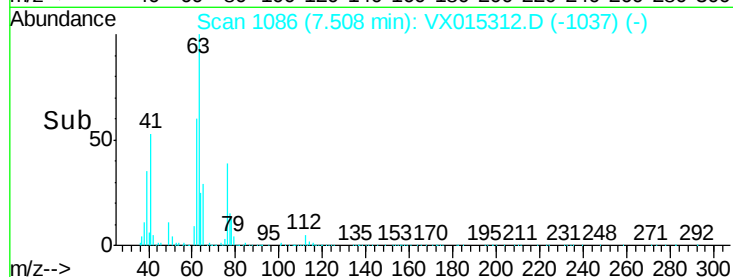
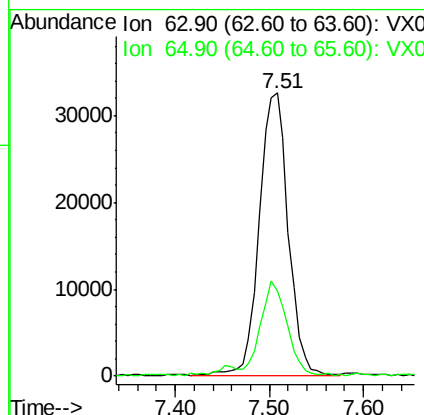
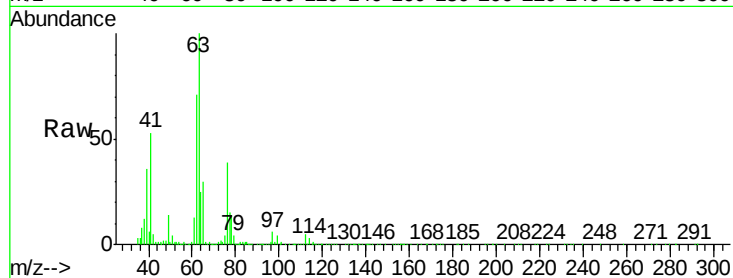
#45
 1,2-Dichloropropane
 Concen: 21.748 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.7	24.6	36.8

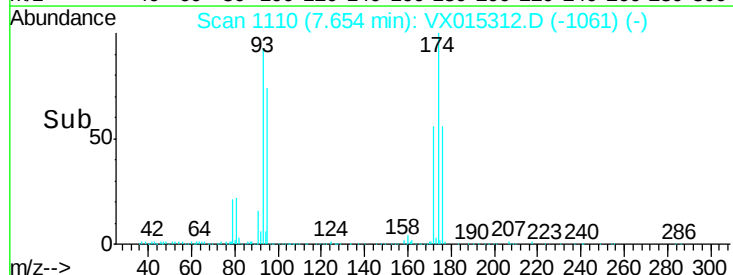
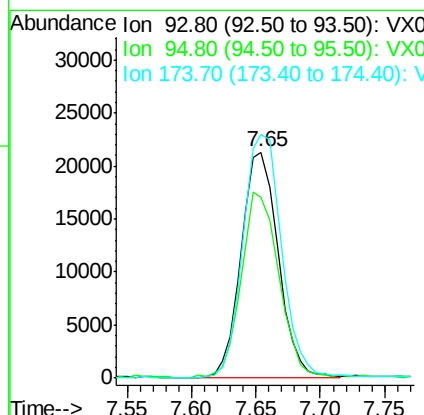
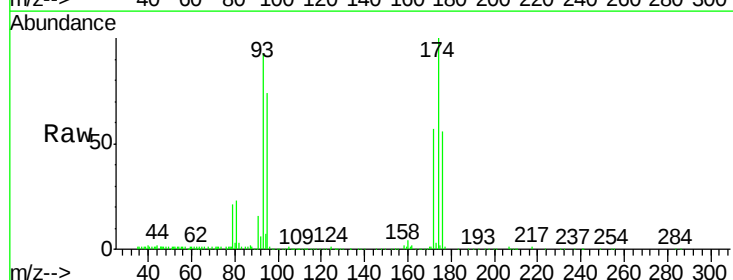
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 3/18/2020 4:16:49 PM



#46
 Dibromomethane
 Concen: 20.547 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	67.8	101.8
174	112.9	91.0	136.4





#47

Bromodichloromethane

Concen: 20.412 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

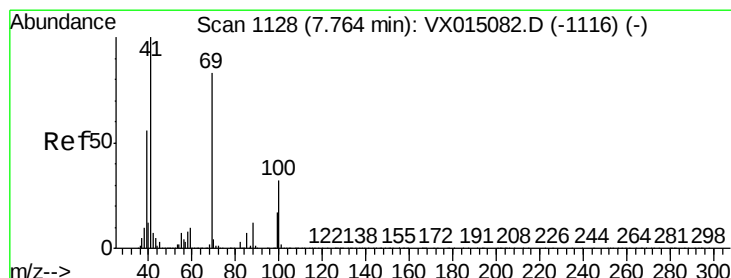
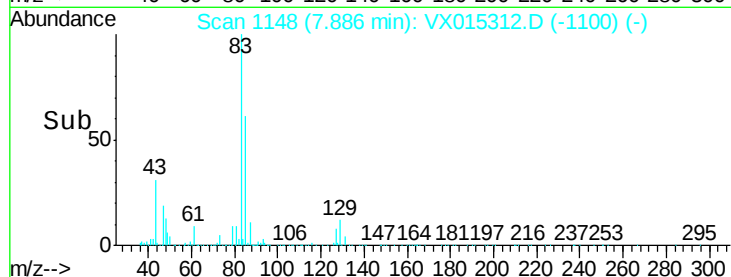
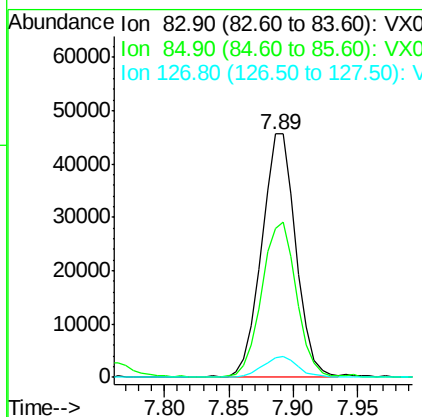
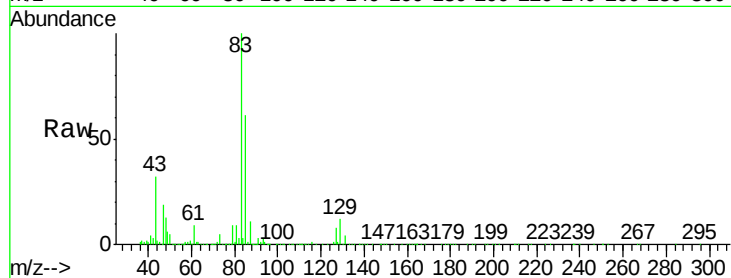
ClientSampleId :

VX0317WBSD01

Tot Ion:	83	Resp:	84081
Ion	Ratio	Lower	Upper
83	100		
85	60.9	50.6	75.8
127	8.0	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.370 ug/l

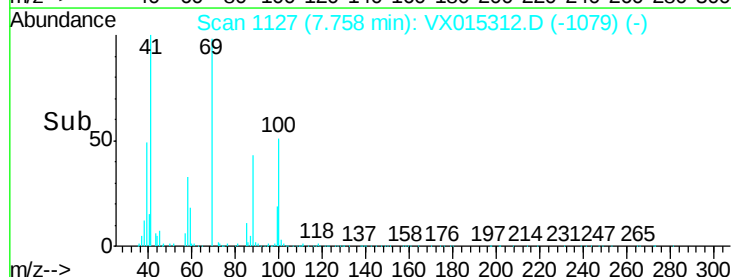
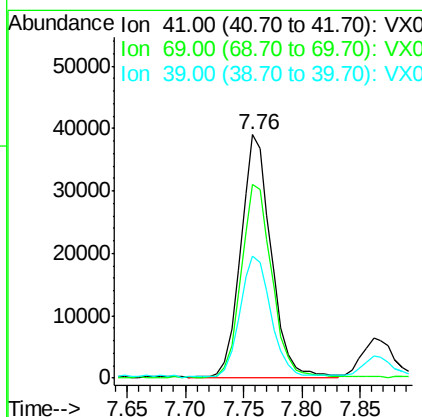
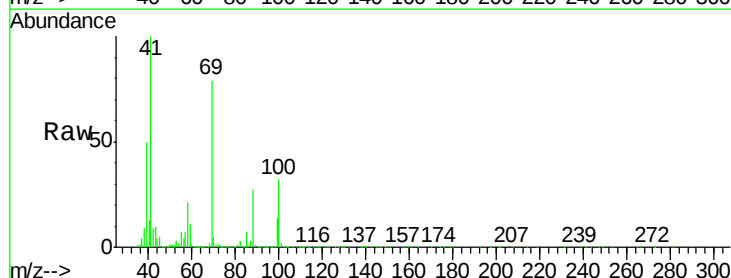
RT: 7.76 min Scan# 1127

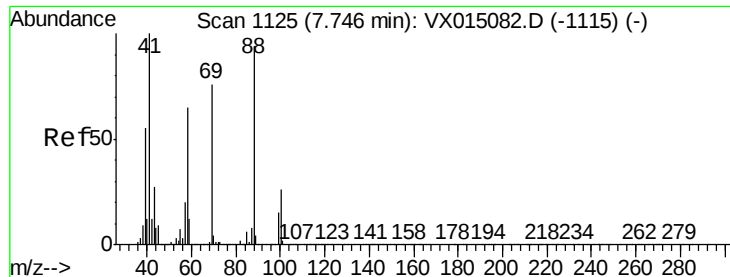
Delta R.T. -0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Tgt Ion:	41	Resp:	70429
Ion	Ratio	Lower	Upper
41	100		
69	80.5	65.4	98.2
39	50.7	44.6	67.0





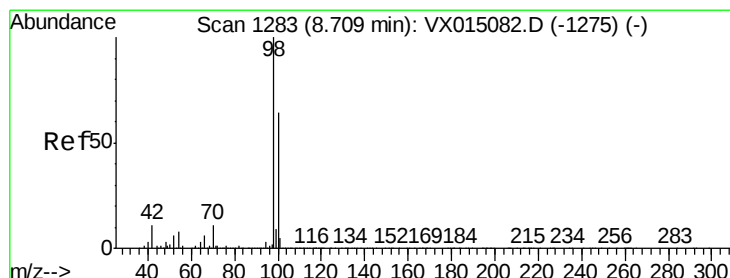
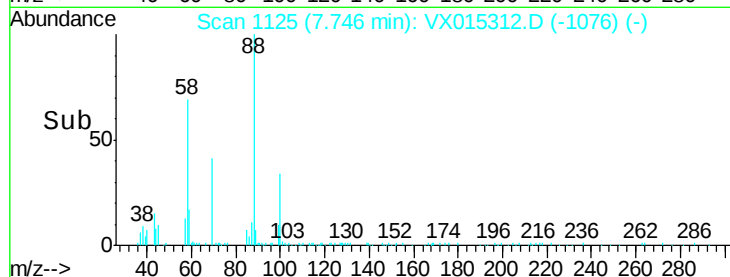
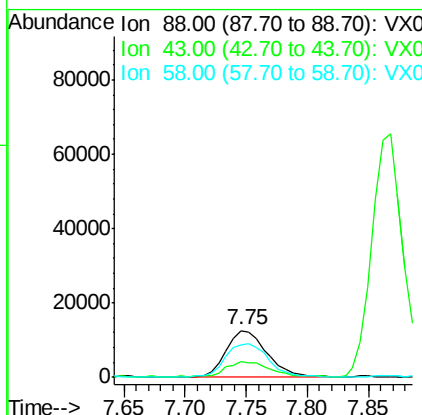
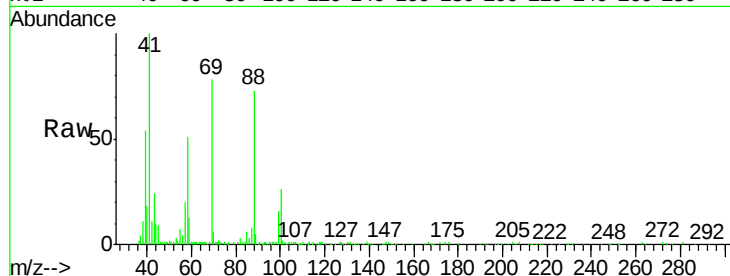
#49
1,4-Dioxane
Concen: 392.412 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	27.0	40.4
58	74.9	55.6	83.4

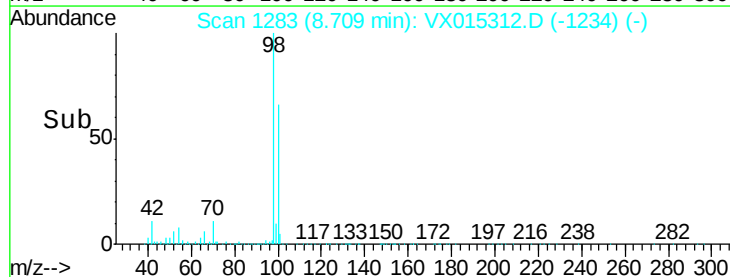
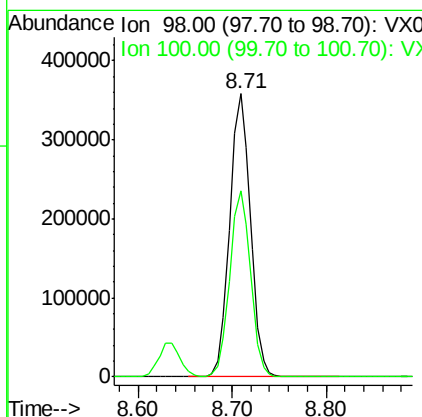
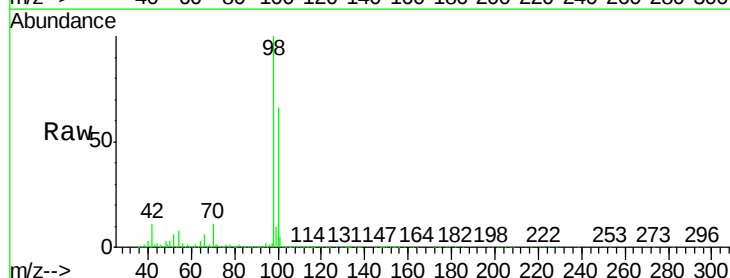
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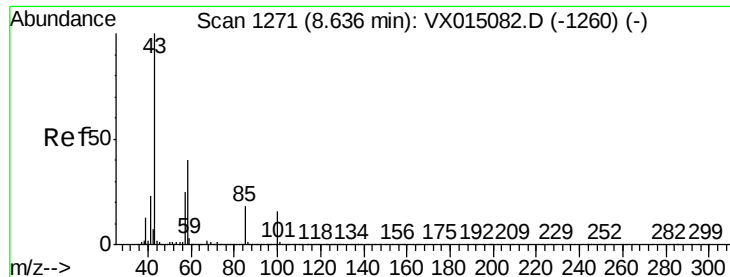
MMDadoda
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#50
Toluene-d8
Concen: 50.540 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 109.527 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

Tot Ion: 43 Resp: 439910

Ion Ratio Lower Upper

43 100

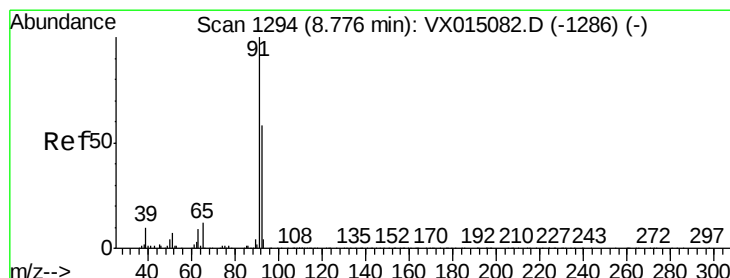
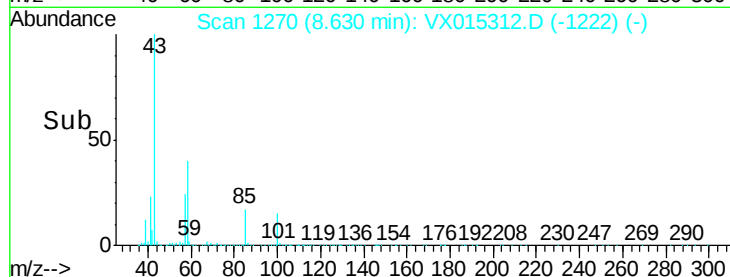
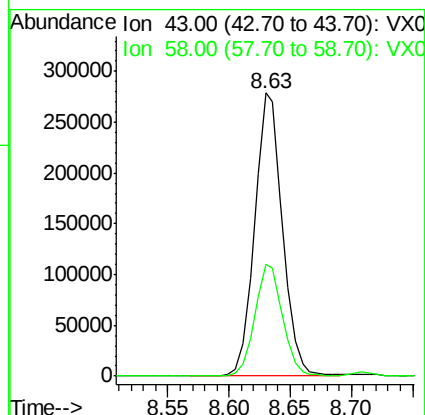
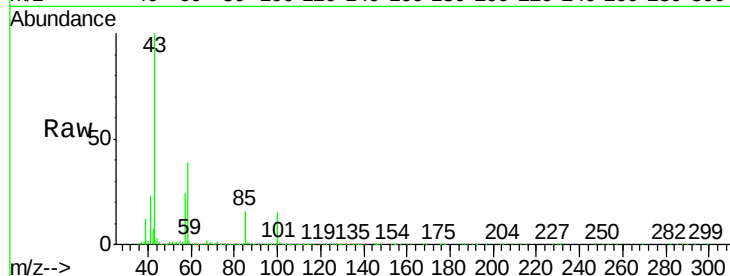
58 39.3 31.6 47.4

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3/18/2020 4:16:49 PM



#52

Toluene

Concen: 20.896 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015312.D

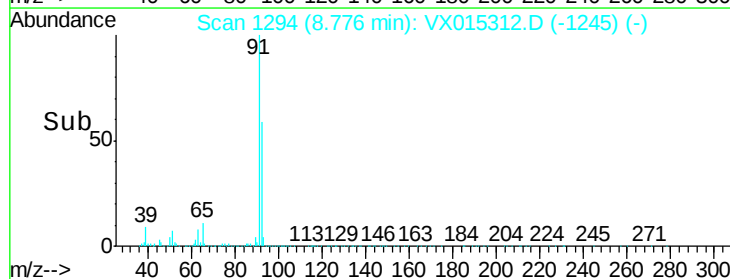
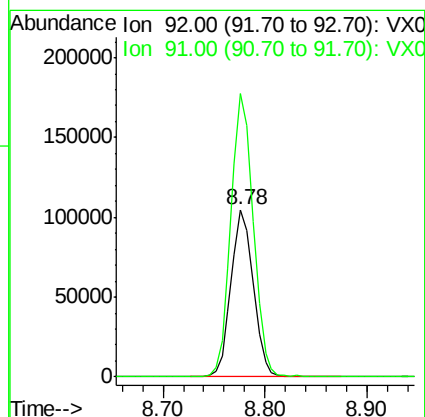
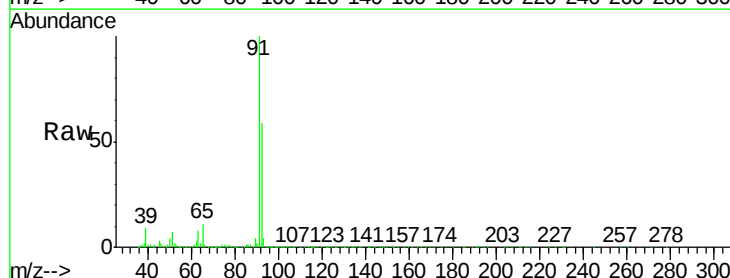
Acq: 17 Mar 2020 10:22

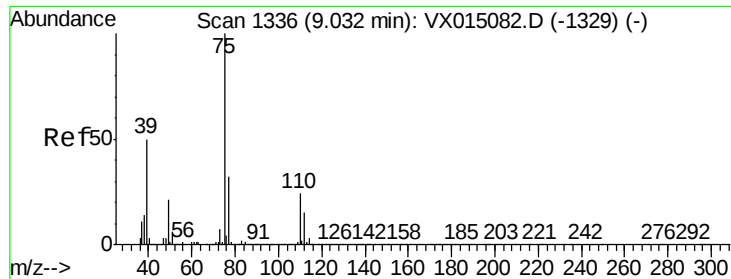
Tgt Ion: 92 Resp: 157800

Ion Ratio Lower Upper

92 100

91 169.7 136.9 205.3





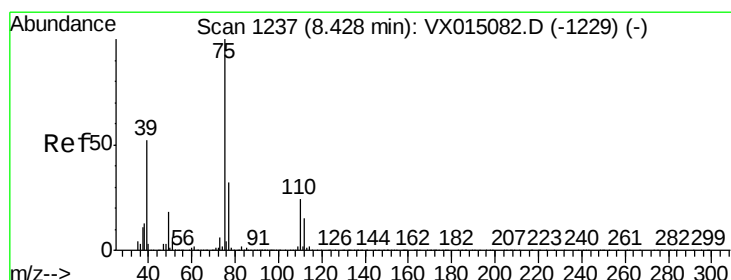
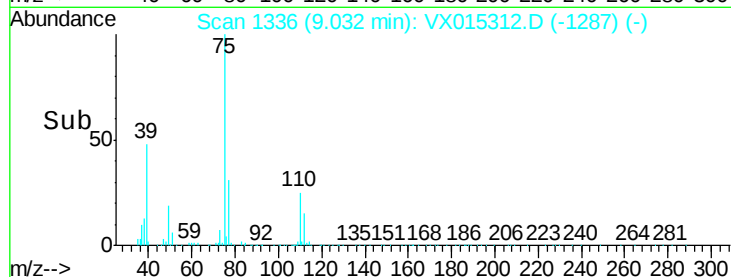
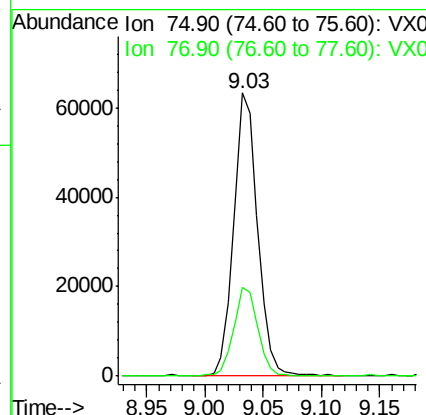
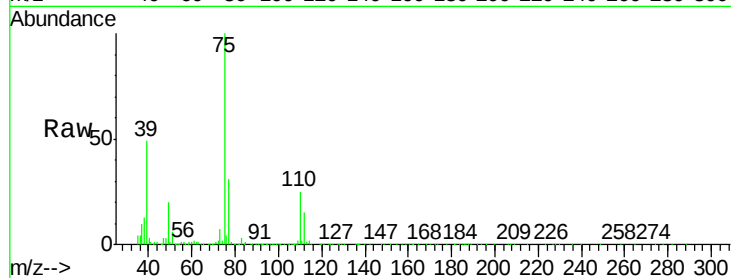
#53
t-1,3-Dichloropropene
Concen: 20.520 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.4	38.0

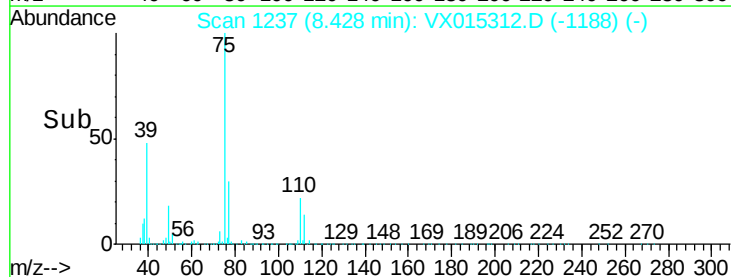
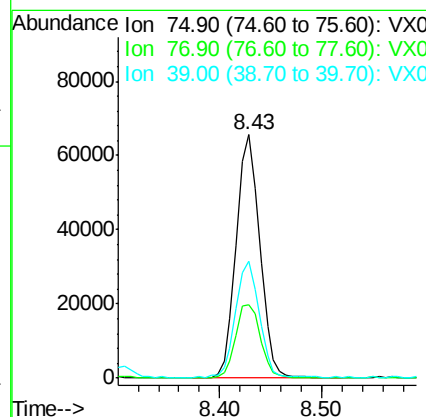
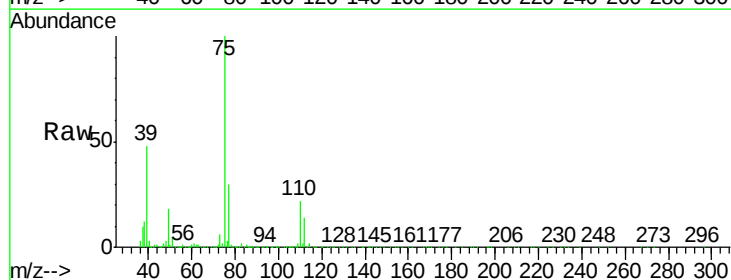
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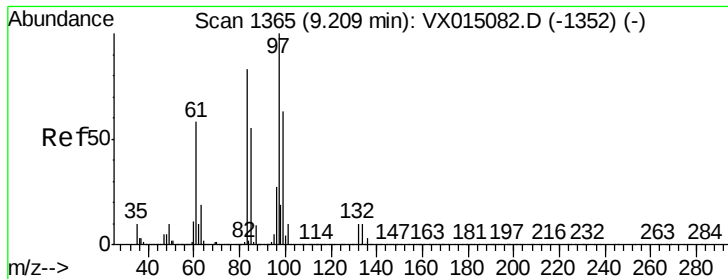
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#54
cis-1,3-Dichloropropene
Concen: 21.141 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.8	38.6
39	48.0	41.3	61.9





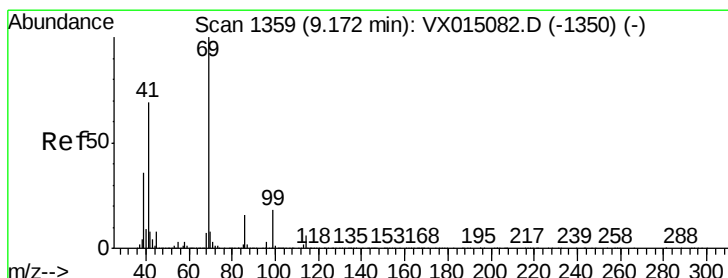
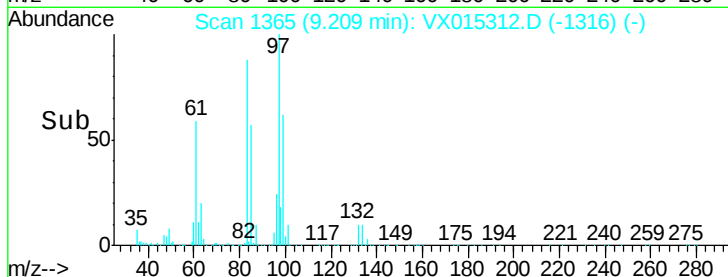
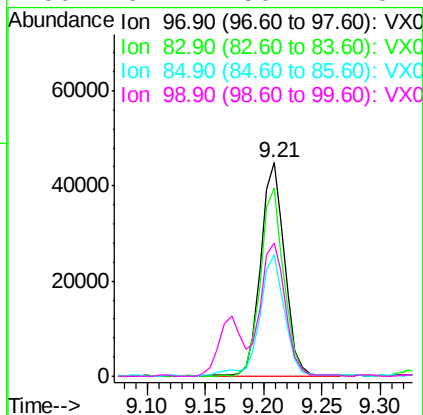
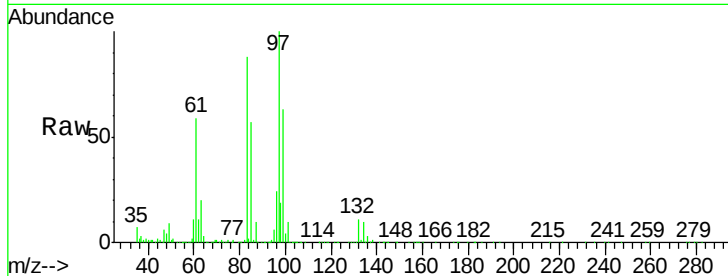
#55
 1,1,2-Trichloroethane
 Concen: 20.671 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01

Tot Ion:	97	Resp:	64249
Ion Ratio	Lower	Upper	
97	100		
83	87.4	66.4	99.6
85	56.6	43.5	65.3
99	62.7	50.7	76.1

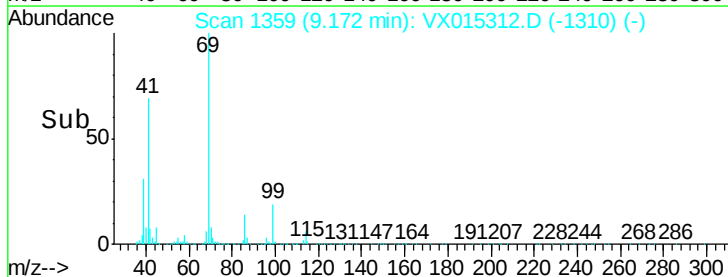
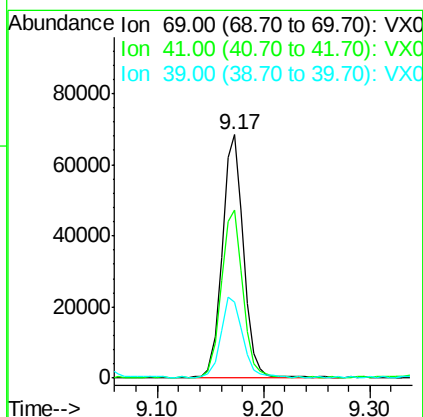
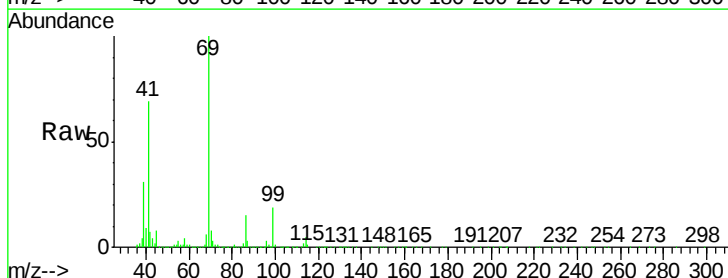
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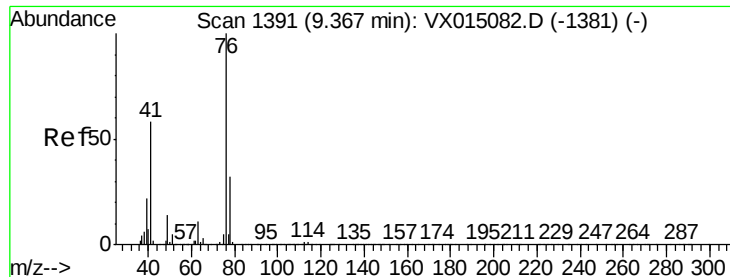
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#56
 Ethyl methacrylate
 Concen: 21.409 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Tgt Ion:	69	Resp:	94914
Ion Ratio	Lower	Upper	
69	100		
41	69.8	55.8	83.8
39	34.0	29.4	44.2





#57

1,3-Dichloropropane

Concen: 21.159 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

Tot Ion: 76 Resp: 110644

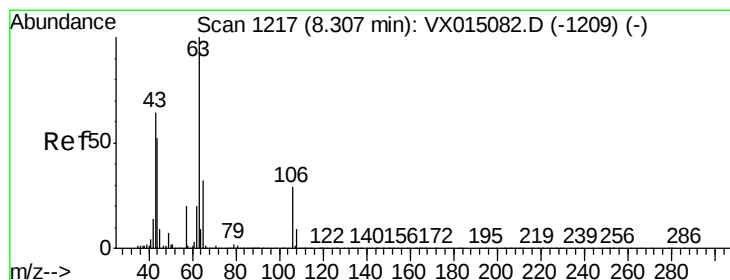
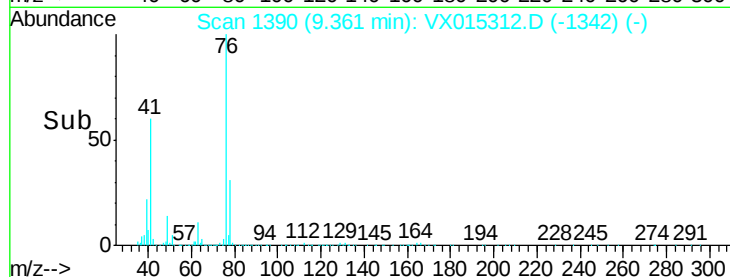
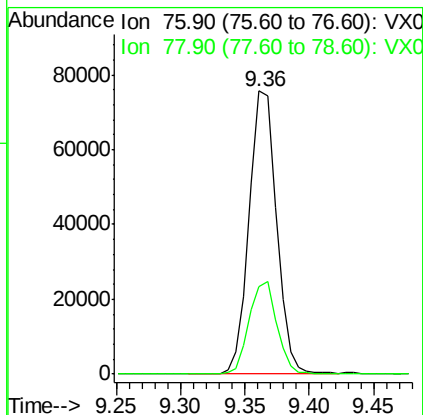
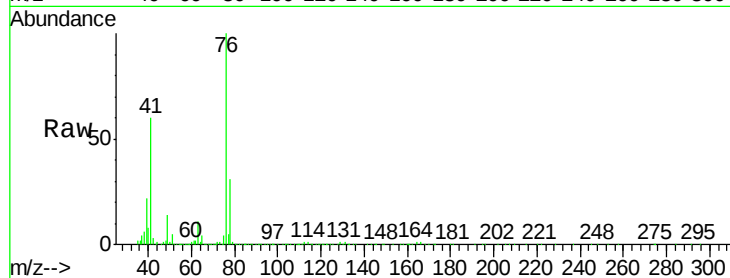
Ion Ratio Lower Upper

76 100

78 33.2 25.6 38.4

Manual Integrations
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3/18/2020 4:16:49 PM



#58

2-Chloroethyl Vinyl ether

Concen: 104.326 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015312.D

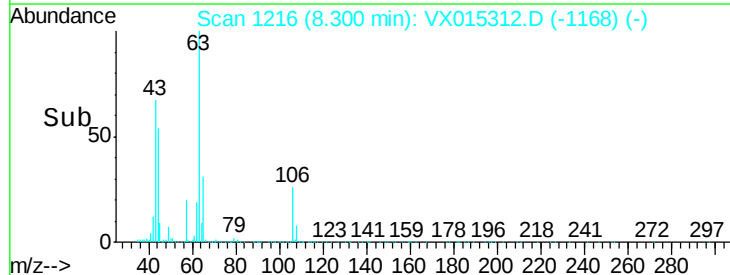
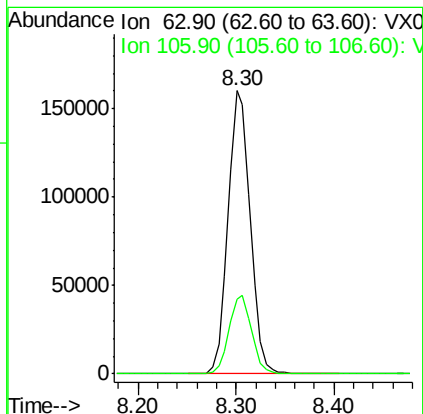
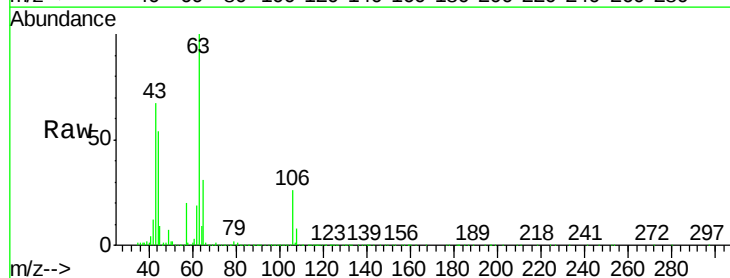
Acq: 17 Mar 2020 10:22

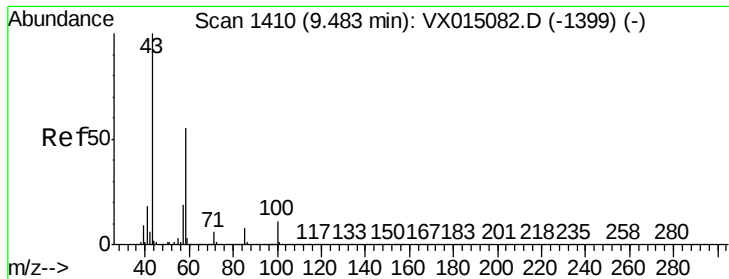
Tgt Ion: 63 Resp: 251971

Ion Ratio Lower Upper

63 100

106 28.3 22.8 34.2





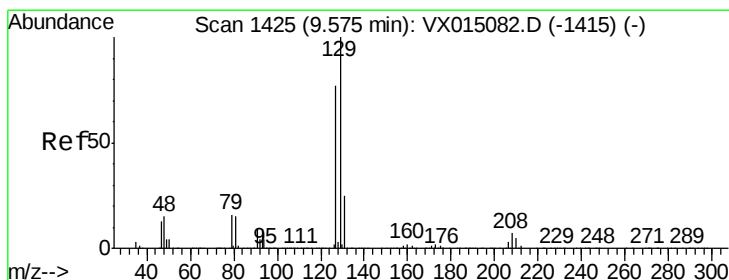
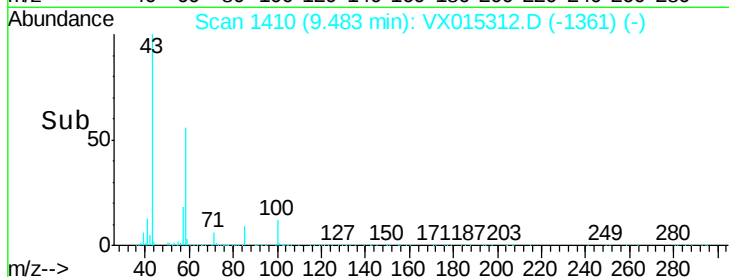
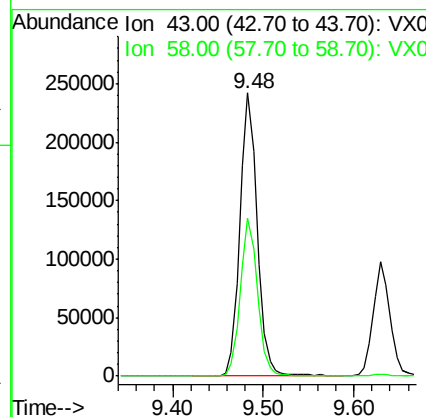
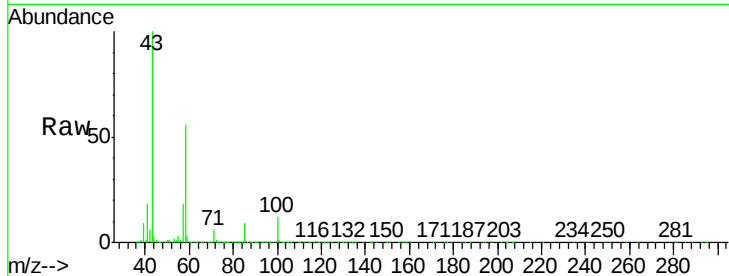
#59
2-Hexanone
Concen: 107.694 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion: 43 Resp: 320598
Ion Ratio Lower Upper
43 100
58 55.0 27.3 81.8

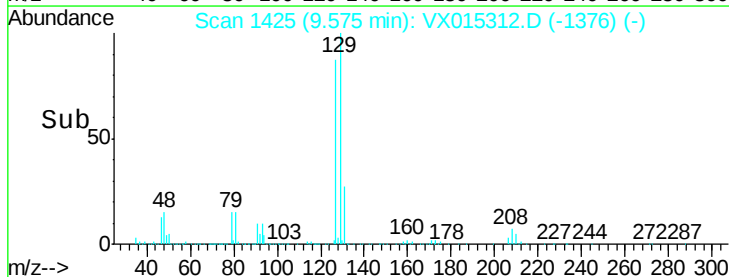
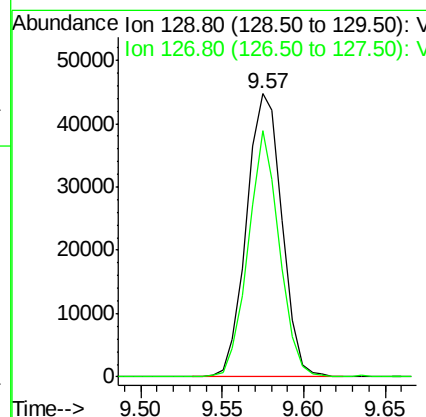
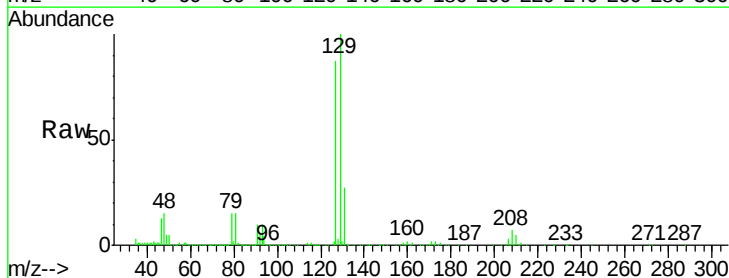
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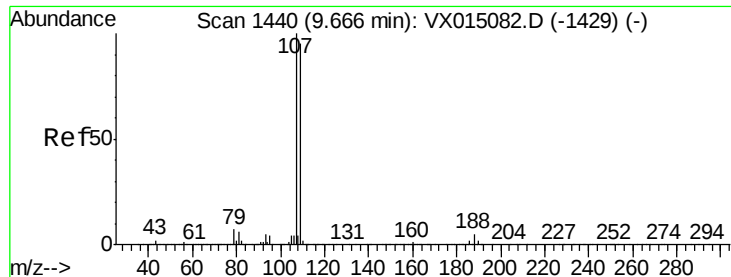
MMDadoda
3/18/2020 4:16:49 PM



#60
Dibromochloromethane
Concen: 20.588 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion: 129 Resp: 67219
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.322 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

Tot Ion:107 Resp: 66345

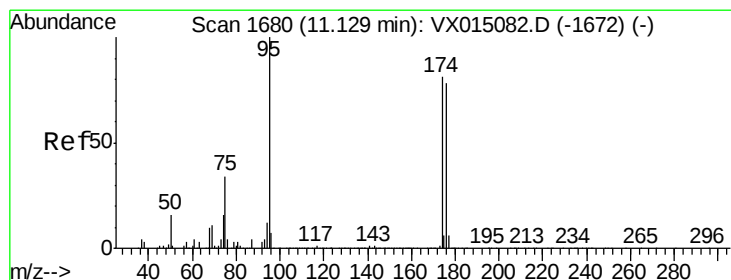
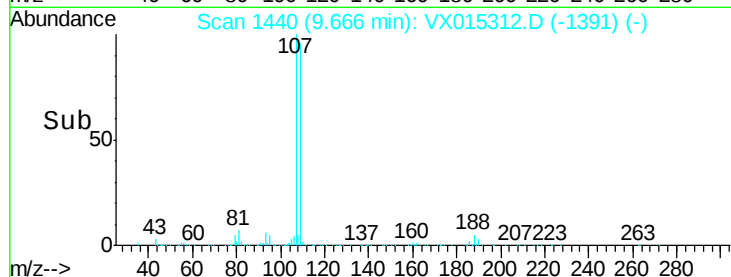
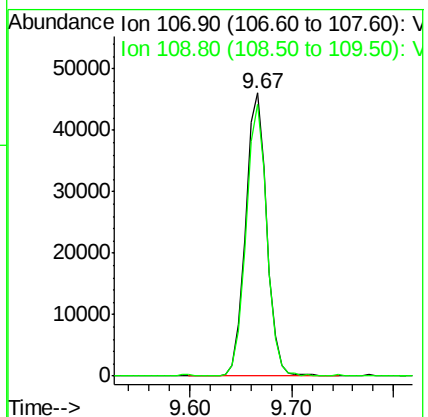
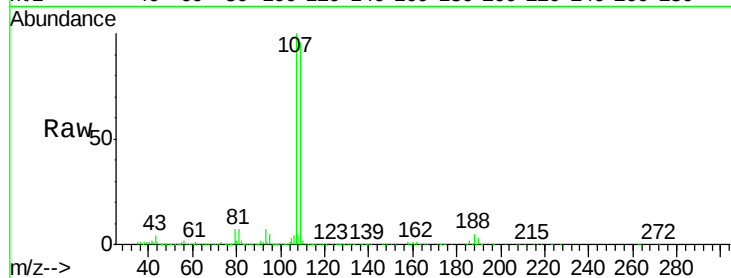
Ion Ratio Lower Upper

107 100

109 94.9 75.6 113.4

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3/18/2020 4:16:49 PM



#62

4-Bromofluorobenzene

Concen: 51.341 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

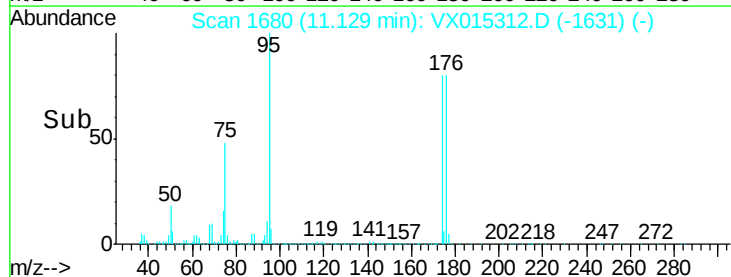
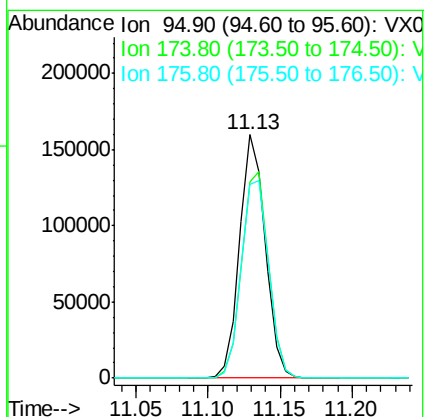
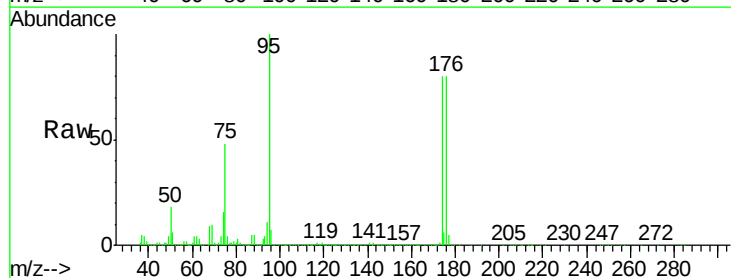
Tgt Ion: 95 Resp: 197888

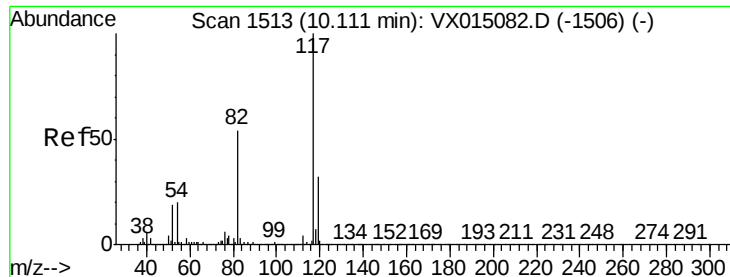
Ion Ratio Lower Upper

95 100

174 88.2 0.0 177.6

176 87.2 0.0 170.2





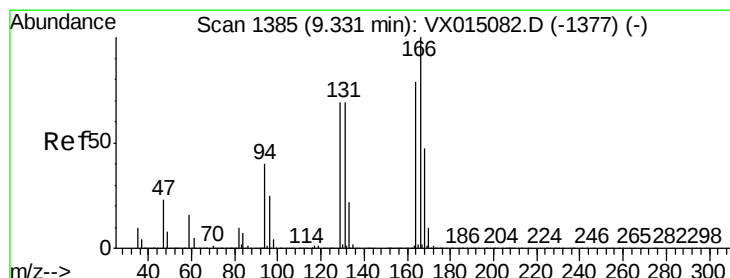
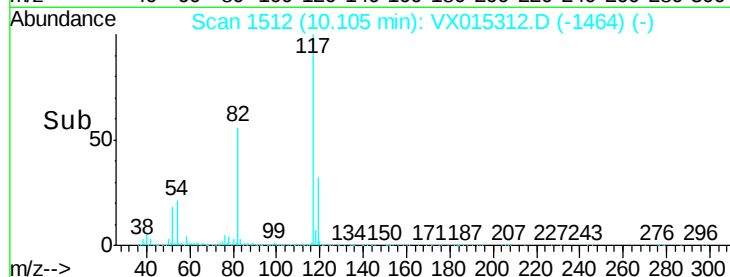
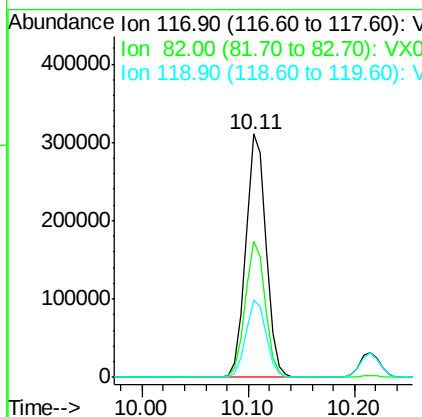
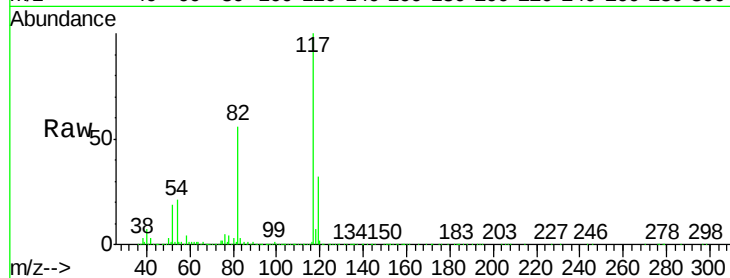
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	415900		
82	56.1	43.3	64.9	
119	31.8	25.8	38.8	

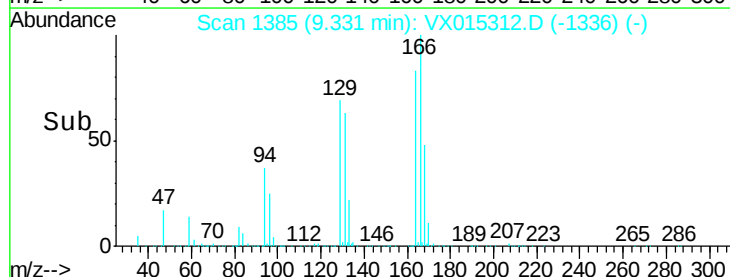
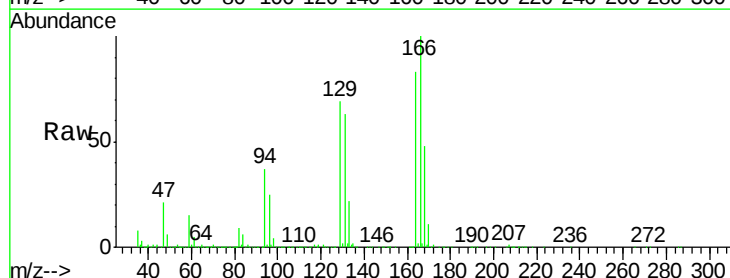
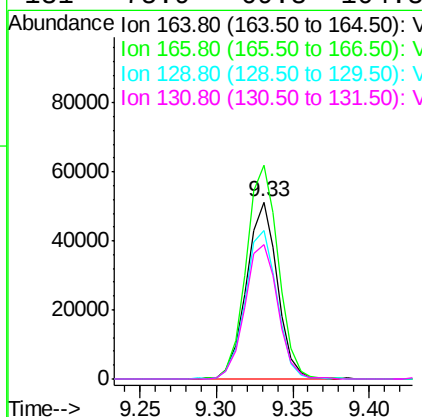
Manual Integrations
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#64
Tetrachloroethene
Concen: 20.952 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	72046		
166	120.3	101.1	151.7	
129	83.3	69.4	104.0	
131	75.9	69.8	104.8	





#65

Chlorobenzene

Concen: 20.319 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

Tot Ion:112 Resp: 169659

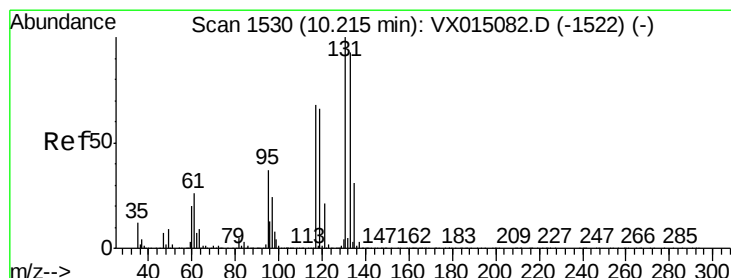
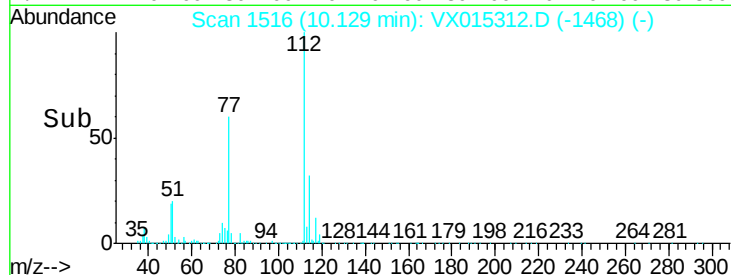
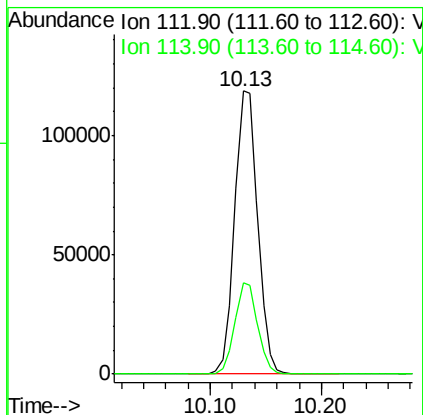
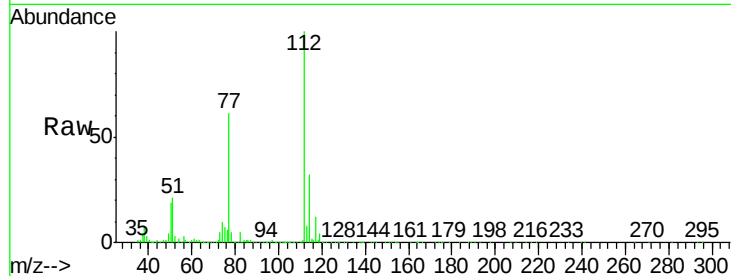
Ion Ratio Lower Upper

112 100

114 32.2 25.5 38.3

Manual Integrations
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3/18/2020 4:16:49 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 20.205 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

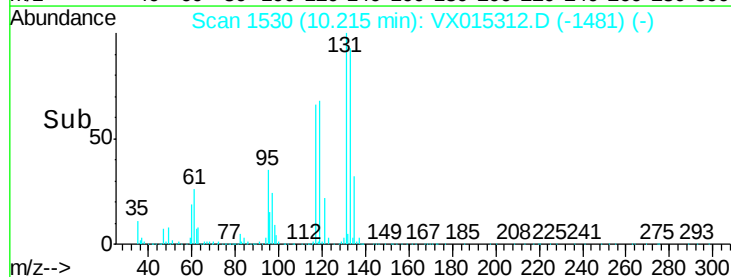
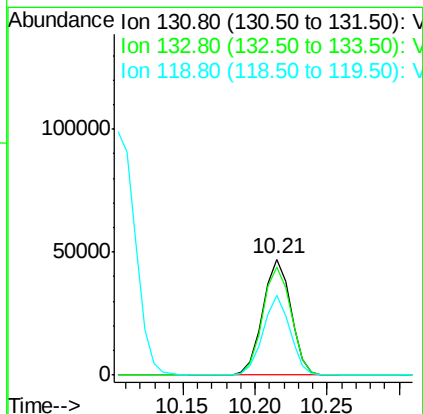
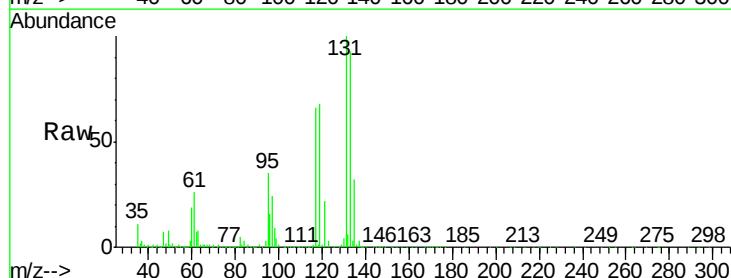
Tgt Ion:131 Resp: 63616

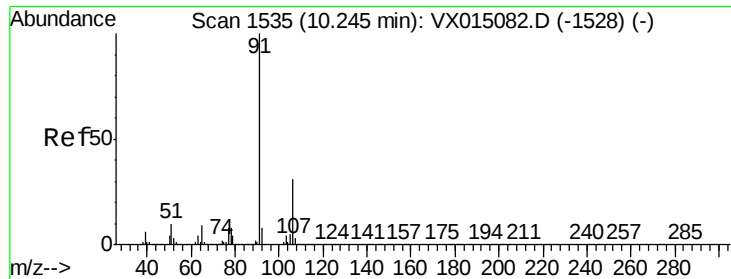
Ion Ratio Lower Upper

131 100

133 95.4 47.5 142.5

119 66.0 33.4 100.1





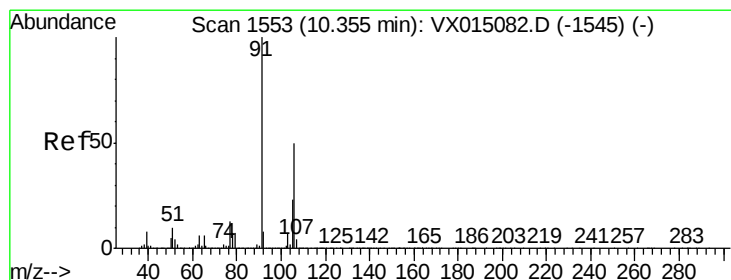
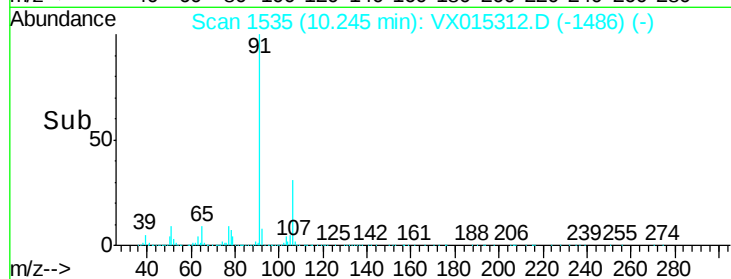
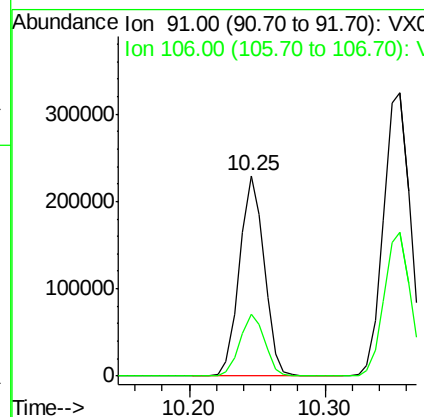
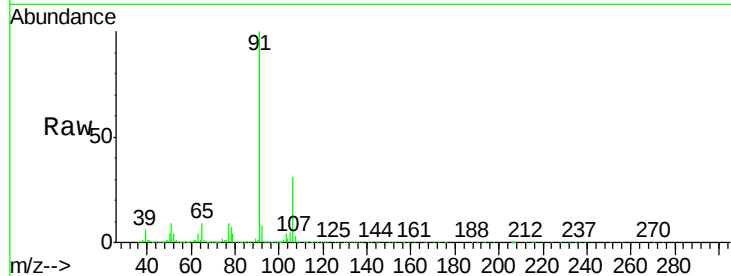
#67
Ethyl Benzene
Concen: 20.534 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.9	37.3

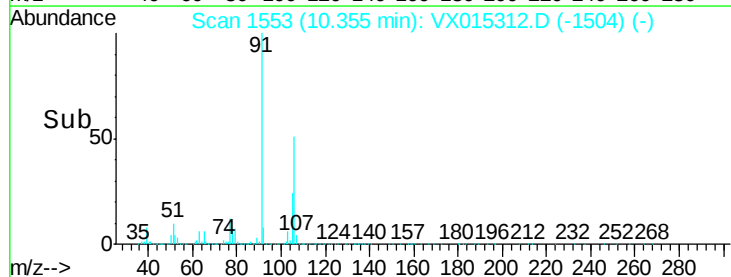
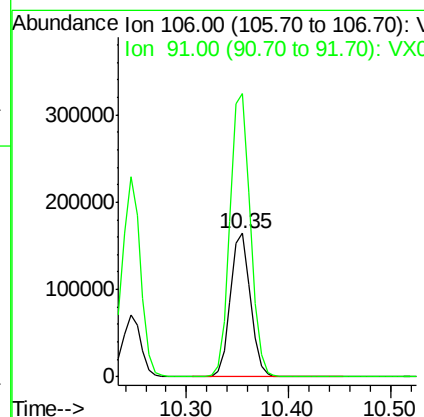
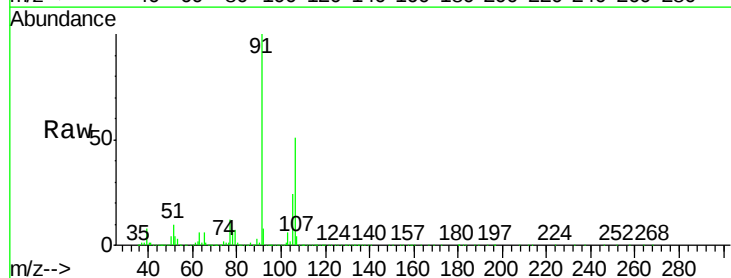
Manual Integrations
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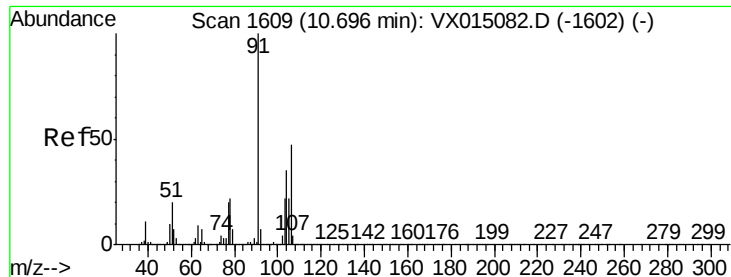
MMDadoda
3/18/2020 4:16:49 PM



#68
m/p-Xylenes
Concen: 41.259 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Lower	Upper
106	100		
91	200.7	159.4	239.2





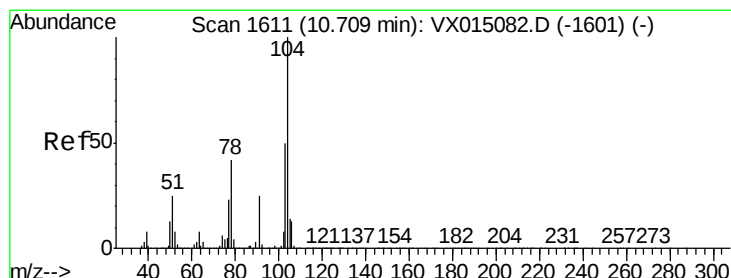
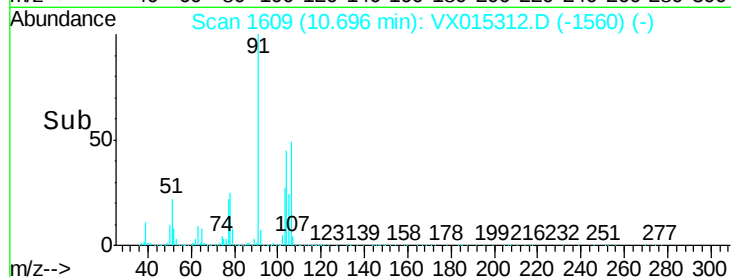
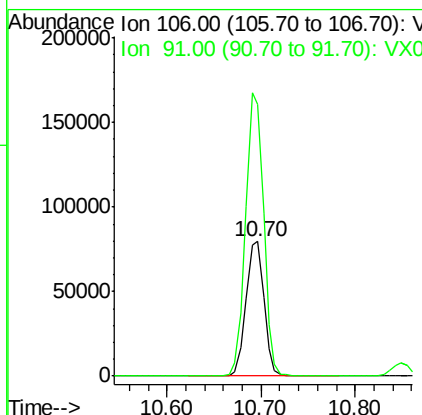
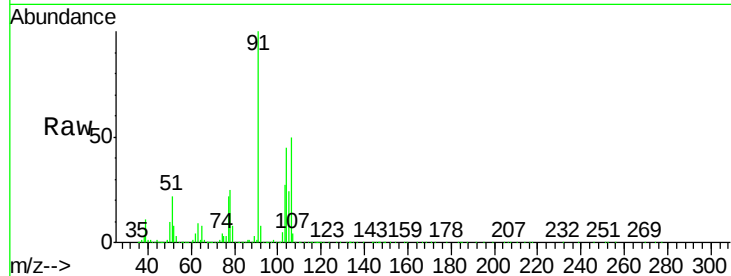
#69
o-Xylene
Concen: 20.760 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.9	105.4	316.1

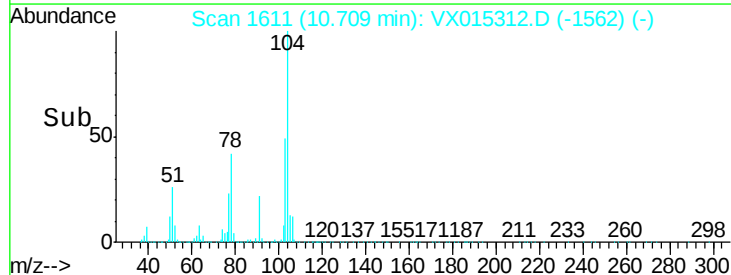
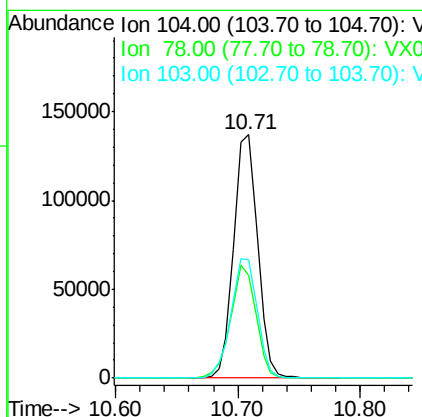
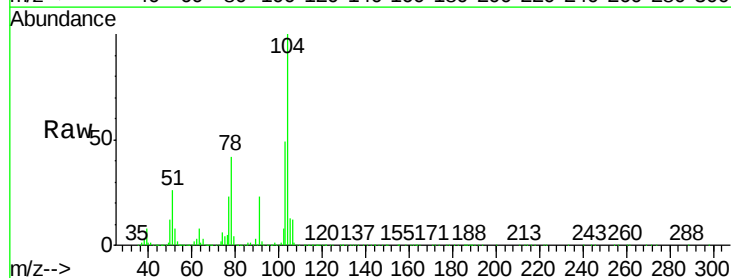
Manual Integrations
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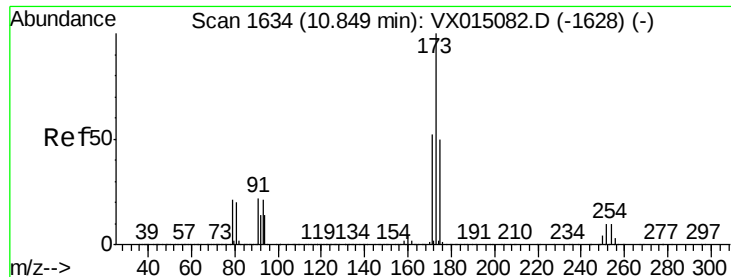
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3/18/2020 4:16:49 PM



#70
Styrene
Concen: 21.006 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	39.0	58.4
103	53.5	43.7	65.5





#71

Bromoform

Concen: 20.468 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

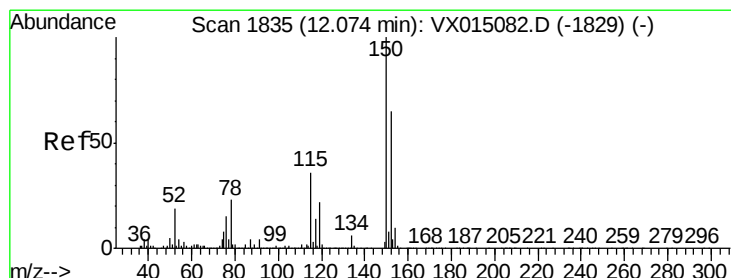
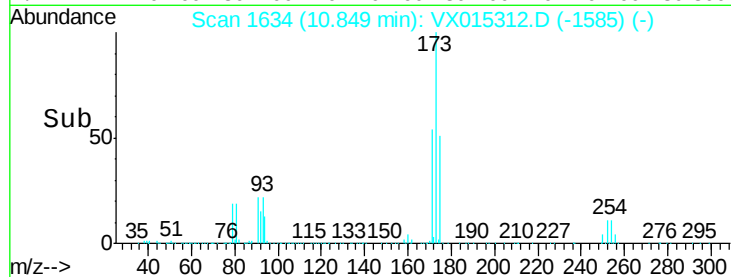
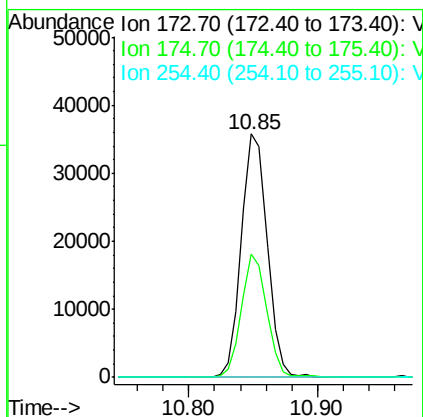
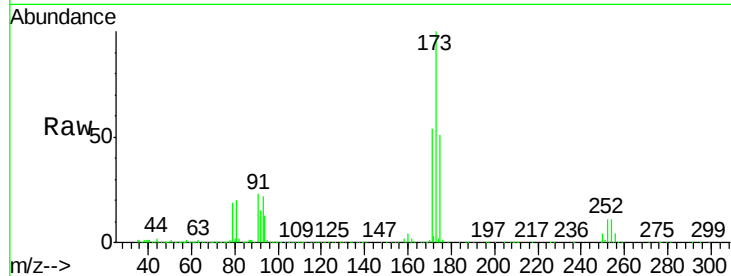
ClientSampleId :

VX0317WBSD01

Tot Ion:	173	Resp:	49974
Ion Ratio	Lower	Upper	
173	100		
175	49.7	24.9	74.7
254	0.3	0.2	0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

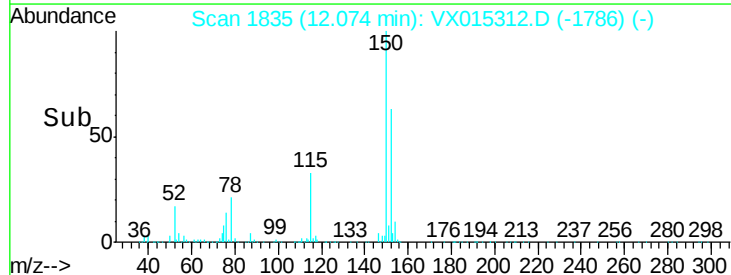
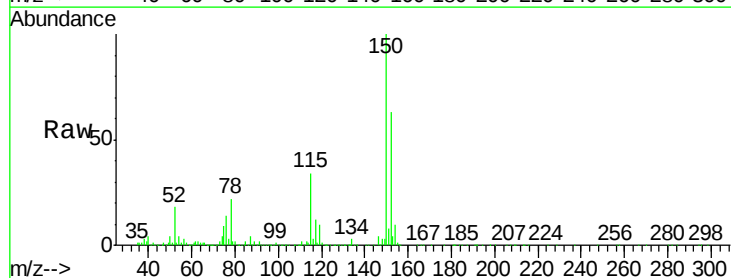
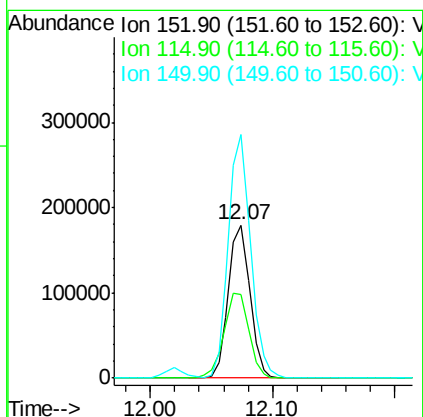
RT: 12.07 min Scan# 1835

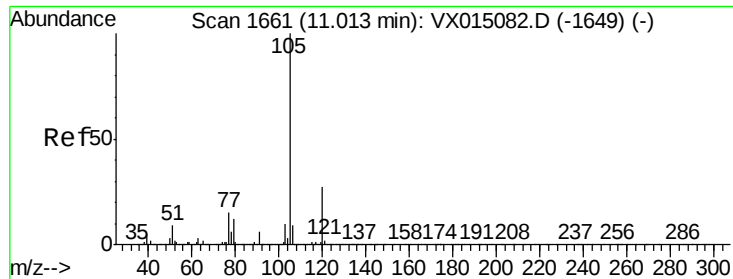
Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Tgt Ion:	152	Resp:	219128
Ion Ratio	Lower	Upper	
152	100		
115	63.7	38.2	114.6
150	164.9	0.0	343.8





#73

Isopropylbenzene

Concen: 20.362 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

Tot Ion:105 Resp: 285024

Ion Ratio Lower Upper

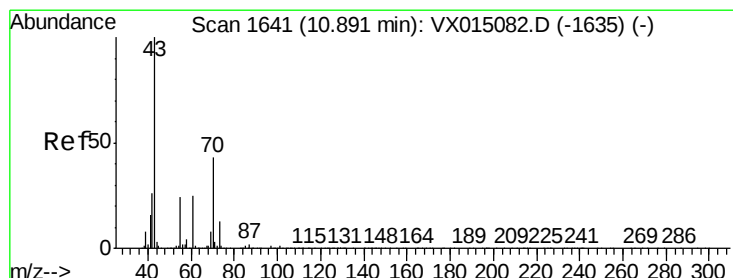
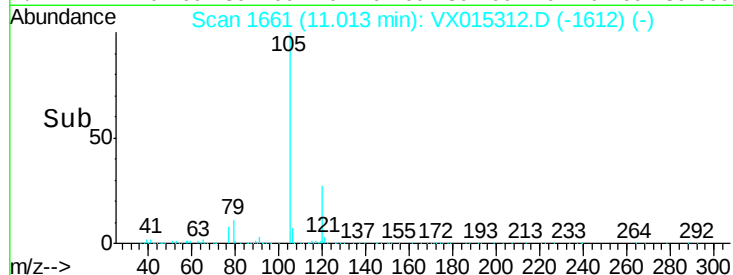
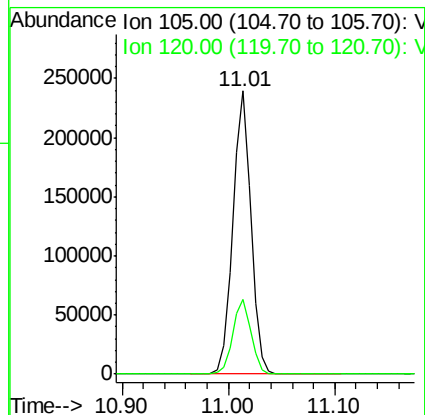
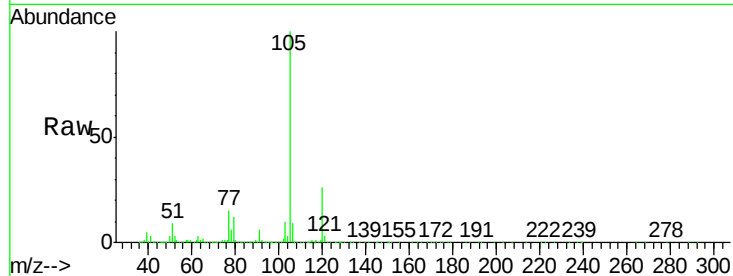
105 100

120 26.8

13.5 40.5

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#74

N-ethyl acetate

Concen: 20.404 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Tgt Ion: 43 Resp: 120370

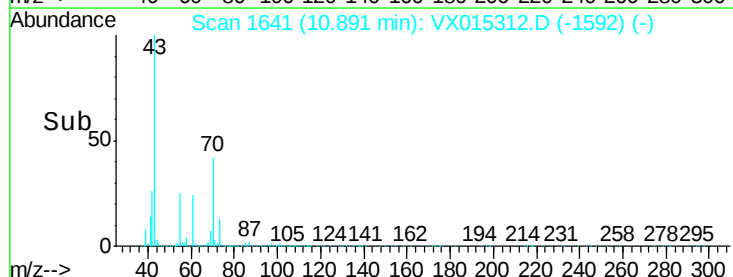
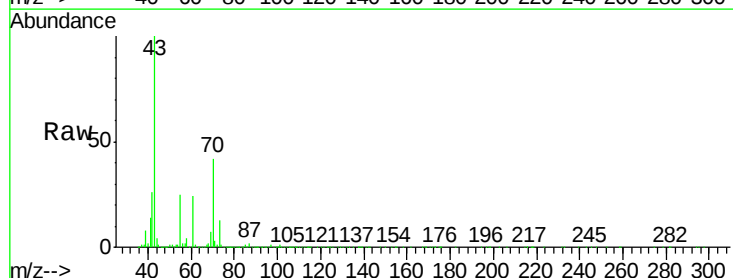
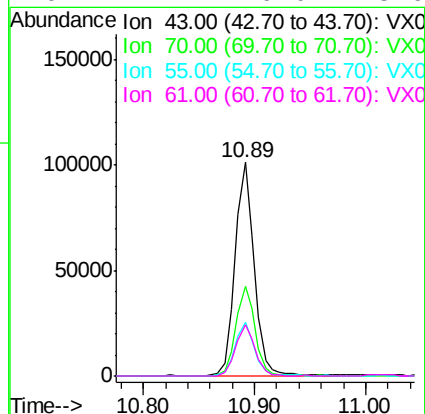
Ion Ratio Lower Upper

43 100

70 42.3 34.7 52.1

55 25.4 19.4 29.0

61 24.4 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.428 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

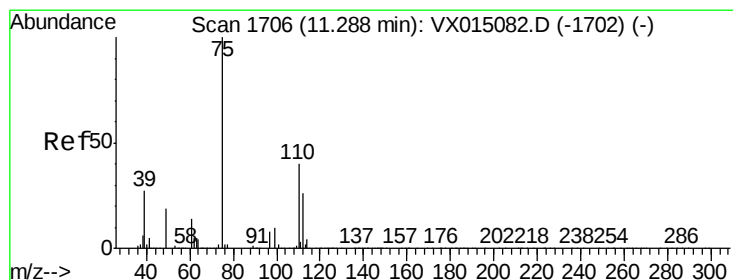
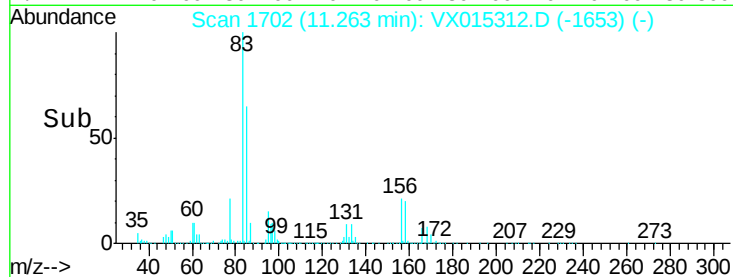
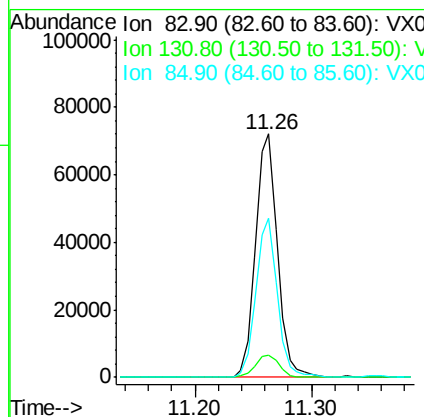
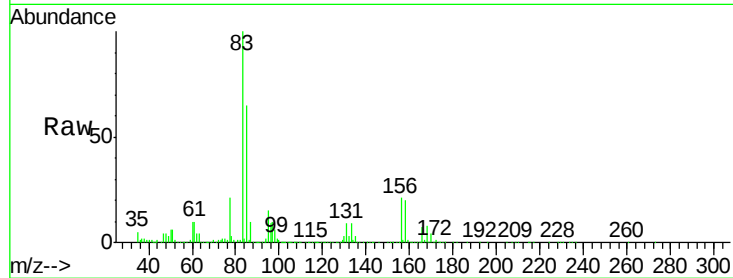
ClientSampleId :

VX0317WBSD01

Tot Ion:	83	Resp:	95299
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	14.9
85	63.1	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.682 ug/l m

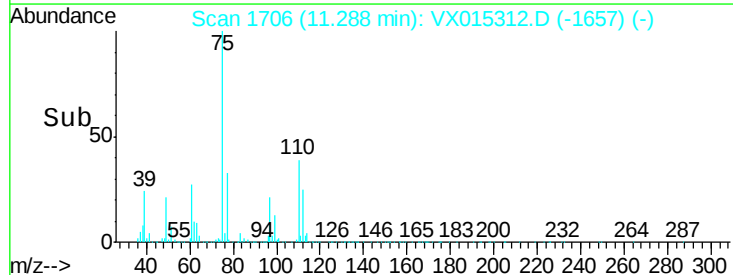
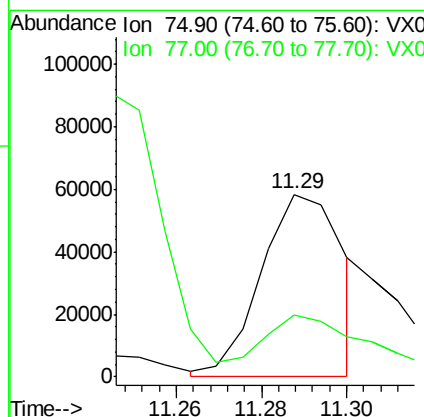
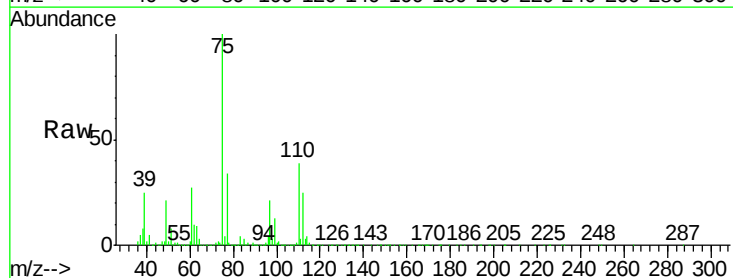
RT: 11.29 min Scan# 1706

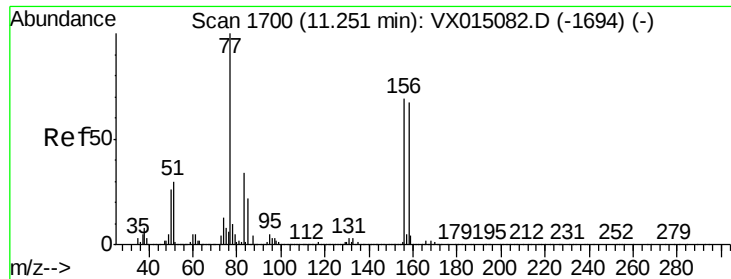
Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Tgt Ion:	75	Resp:	77286
Ion Ratio	Lower	Upper	
75	100		
77	45.0	22.6	67.8





#77

Bromobenzene

Concen: 19.474 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

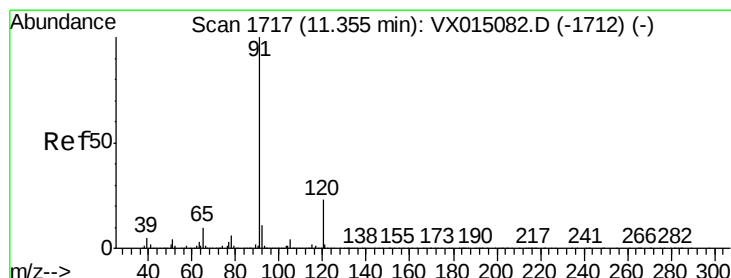
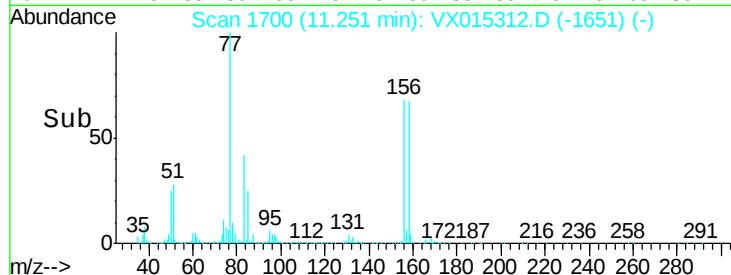
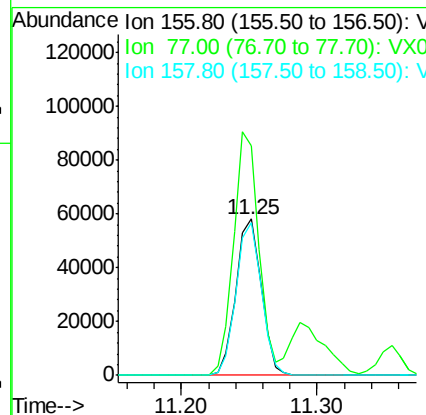
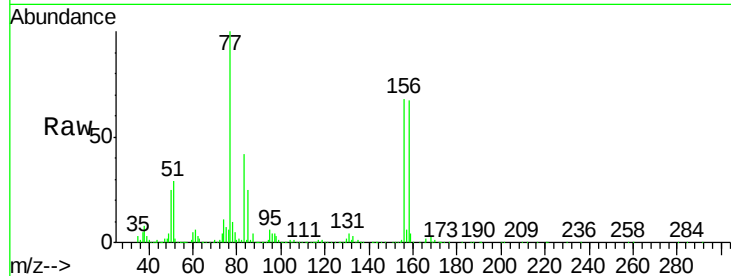
ClientSampleId :

VX0317WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	153.3	75.3	225.9
158	97.7	48.5	145.6

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#78

n-propylbenzene

Concen: 20.894 ug/l

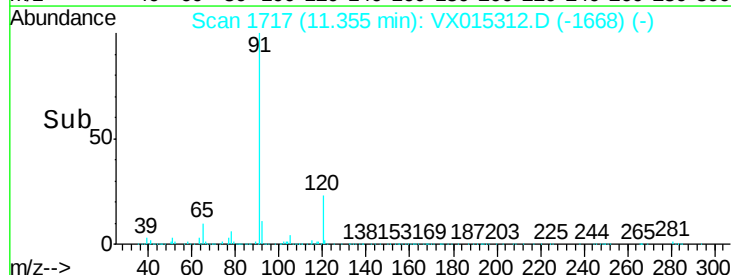
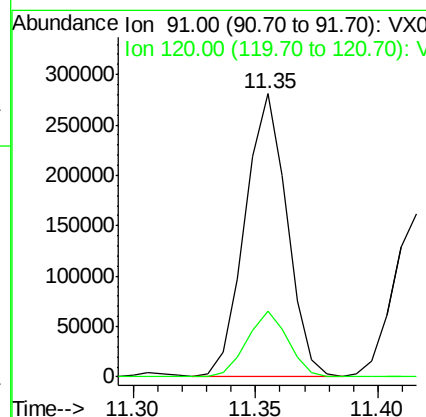
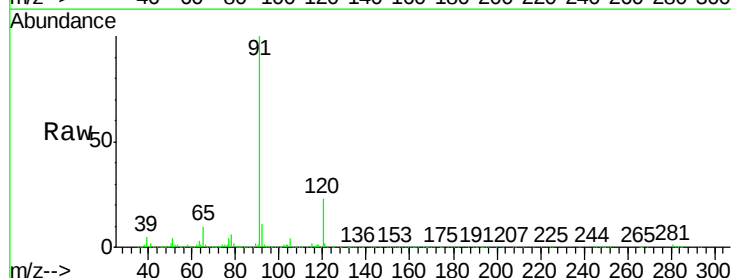
RT: 11.35 min Scan# 1717

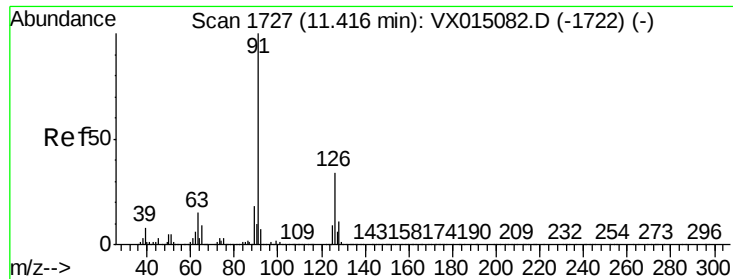
Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.7	35.1





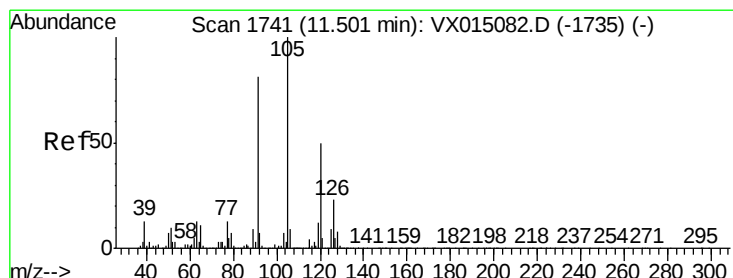
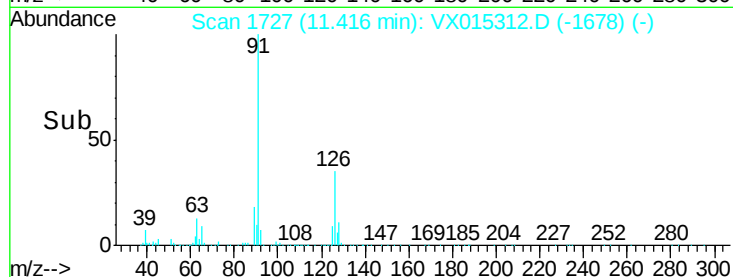
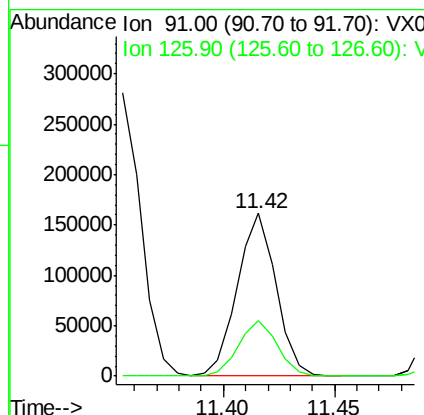
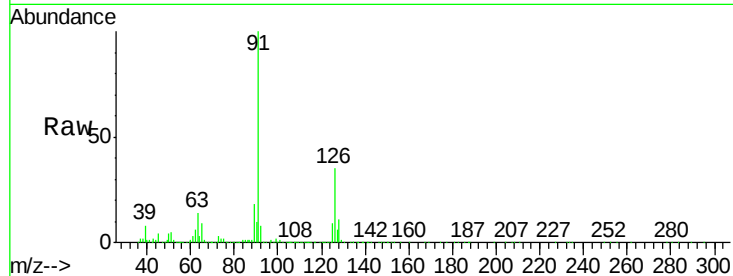
#79
2-Chlorotoluene
Concen: 20.443 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.3	52.0

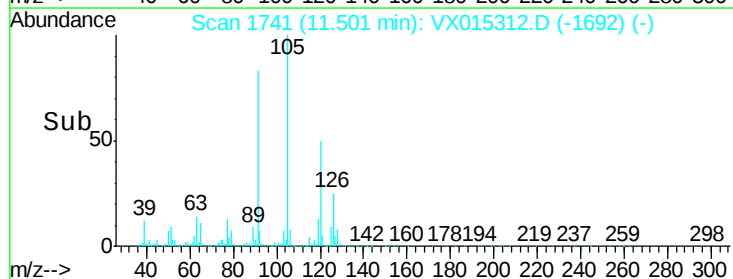
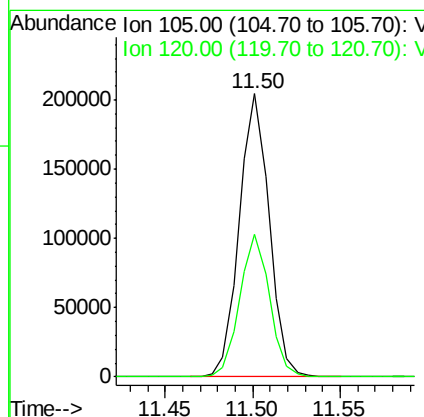
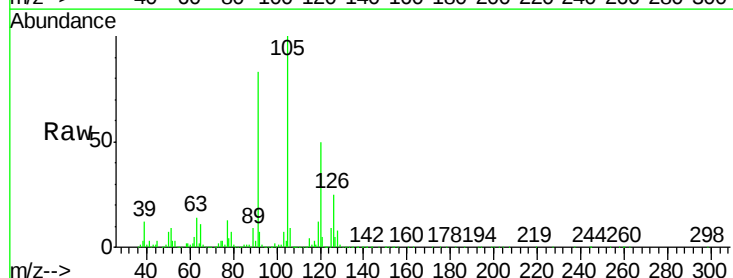
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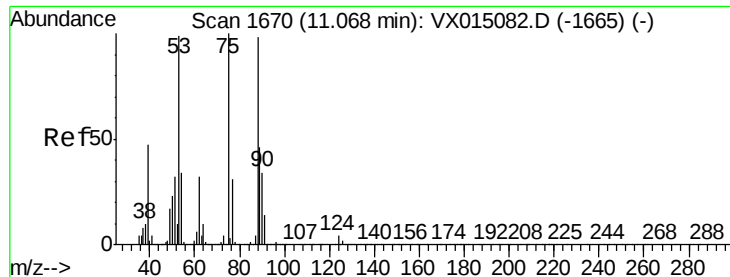
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#80
1,3,5-Trimethylbenzene
Concen: 20.777 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.2	25.1	75.4





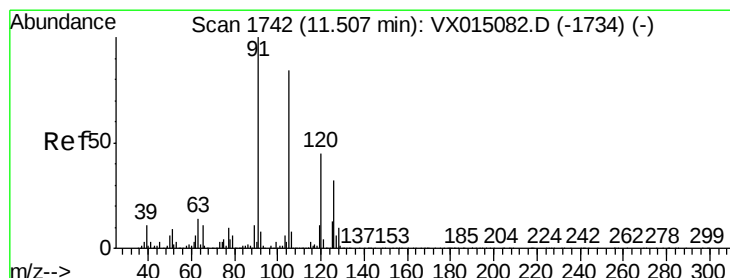
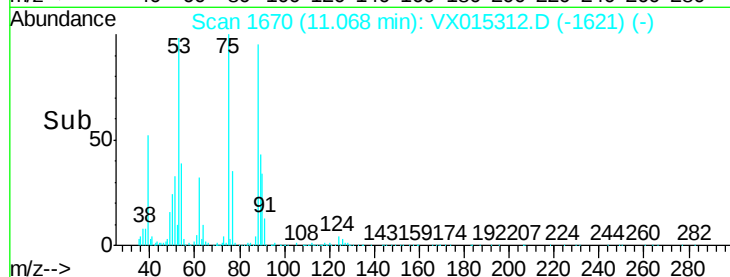
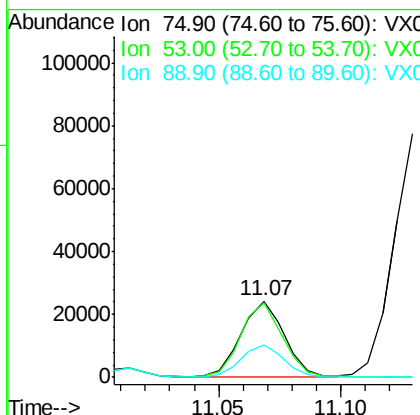
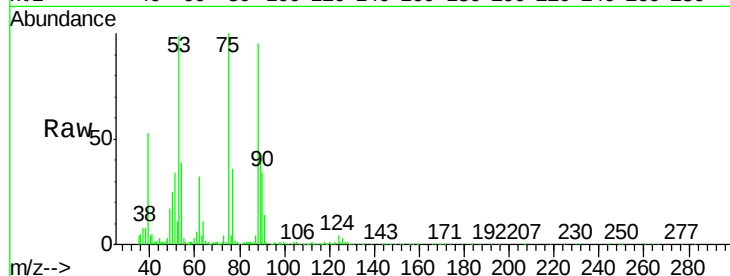
#81
trans-1,4-Dichloro-2-butene
Concen: 19.209 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.0	77.9	116.9
89	43.2	36.2	54.2

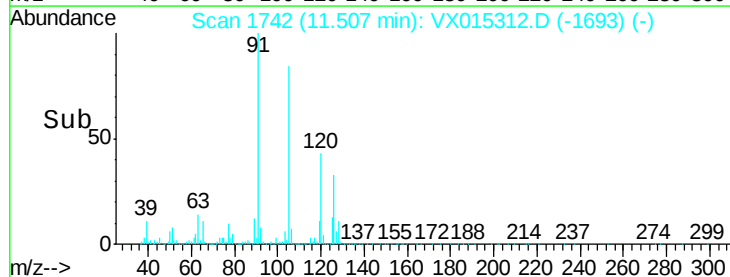
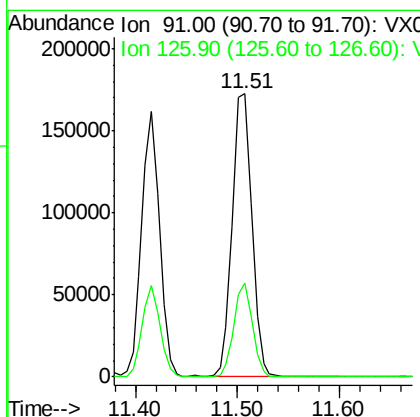
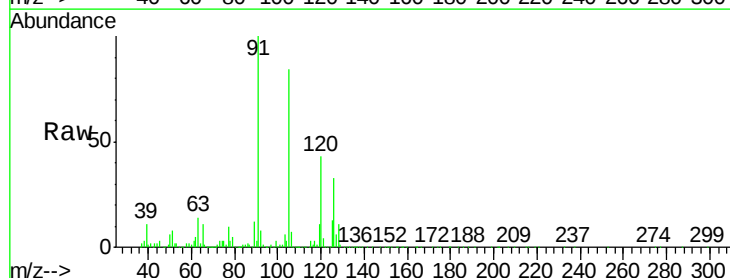
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#82
4-Chlorotoluene
Concen: 20.281 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.4	46.2





#83

tert-Butylbenzene

Concen: 20.438 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

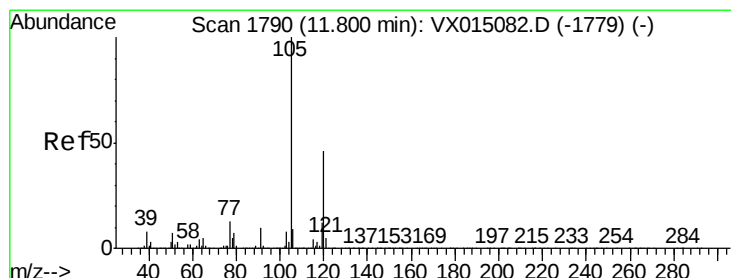
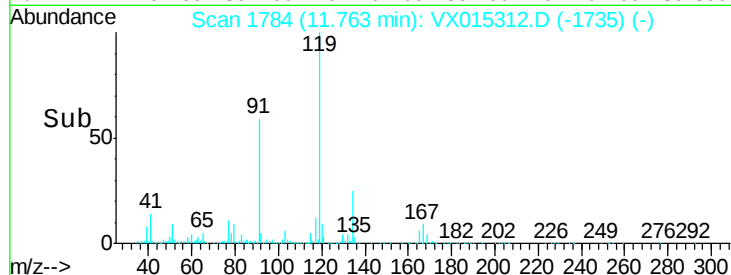
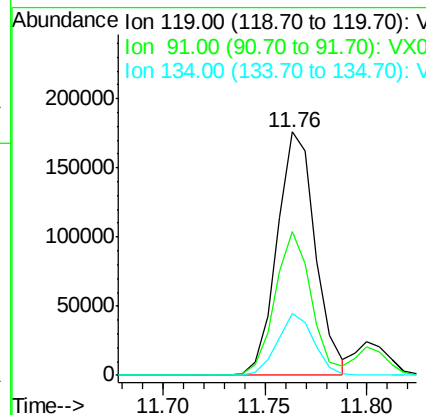
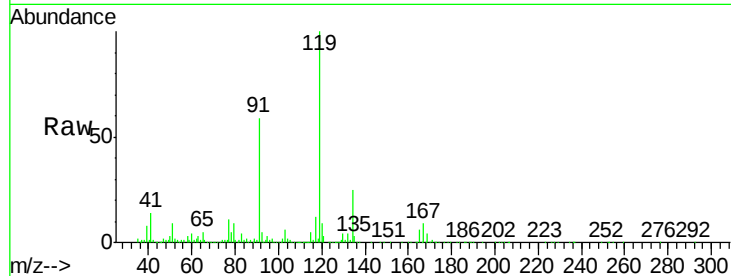
ClientSampleId :

VX0317WBSD01

Tot Ion:	119	Resp:	230280
Ion Ratio	Lower	Upper	
119	100		
91	55.8	28.5	85.6
134	24.3	11.9	35.7

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.507 ug/l

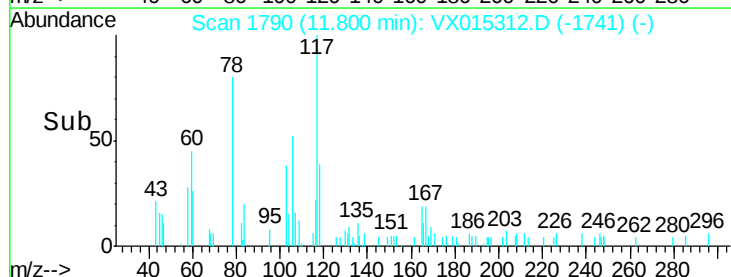
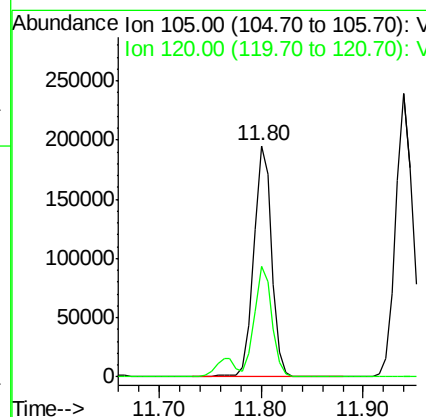
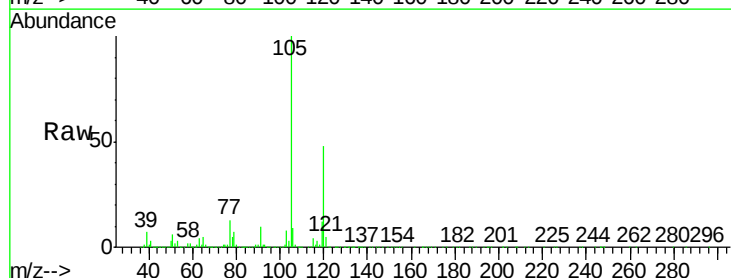
RT: 11.80 min Scan# 1790

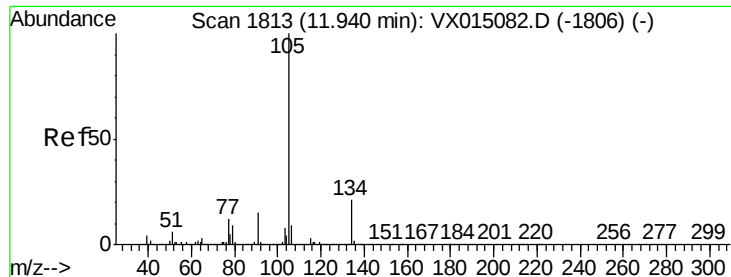
Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Tgt Ion:	105	Resp:	240061
Ion Ratio	Lower	Upper	
105	100		
120	46.2	22.9	68.5





#85

sec-Butylbenzene

Concen: 20.844 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBSD01

Tot Ion:105 Resp: 283519

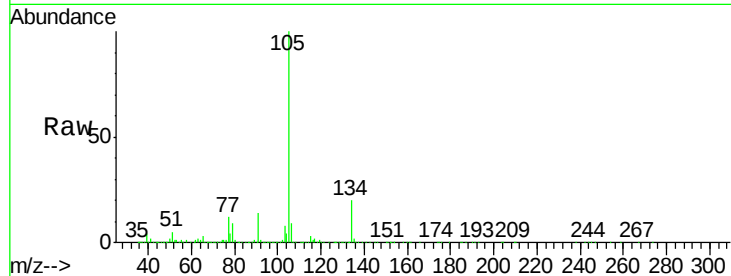
Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.2

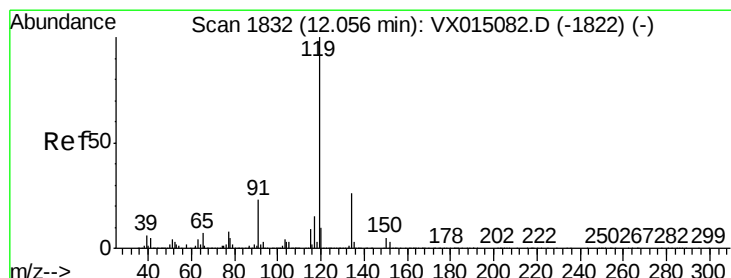
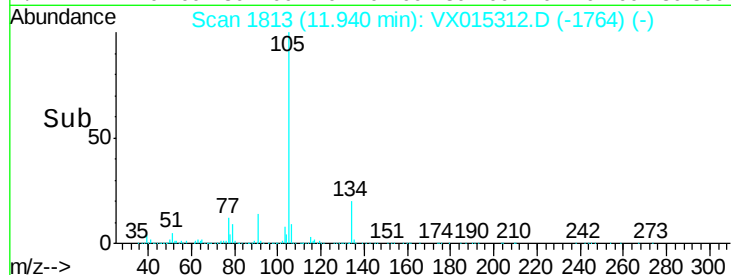
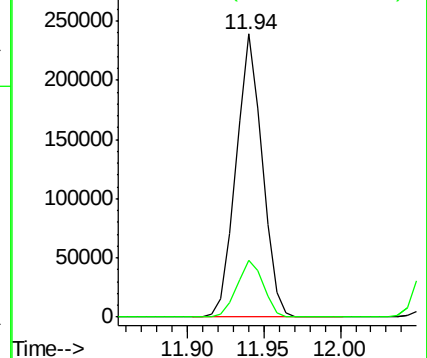
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.793 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX015312.D

Acq: 17 Mar 2020 10:22

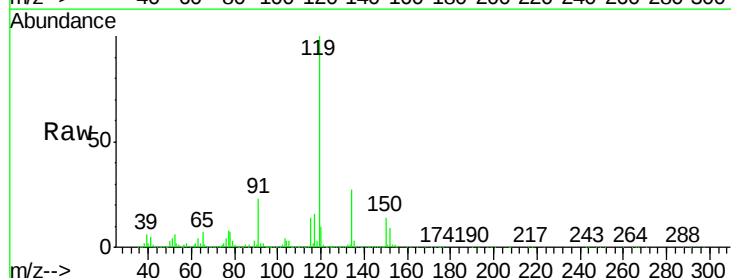
Tgt Ion:119 Resp: 260564

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

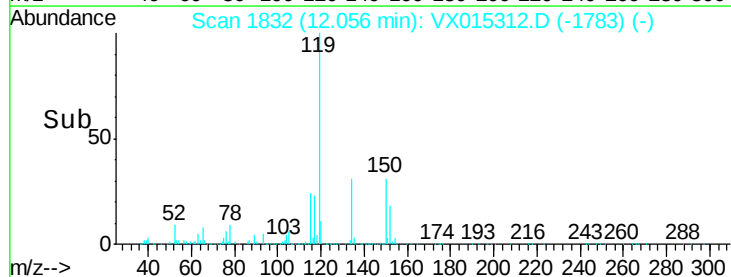
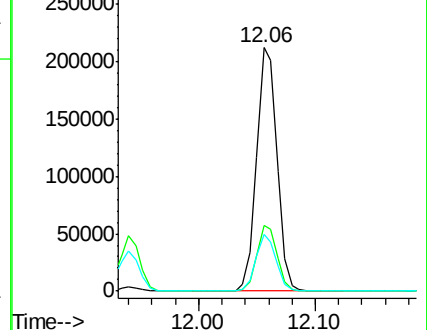
91 22.5 11.3 33.8

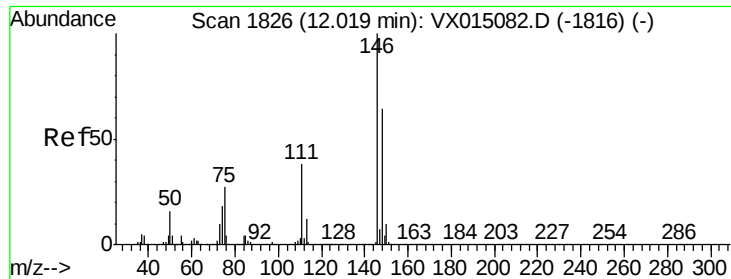


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





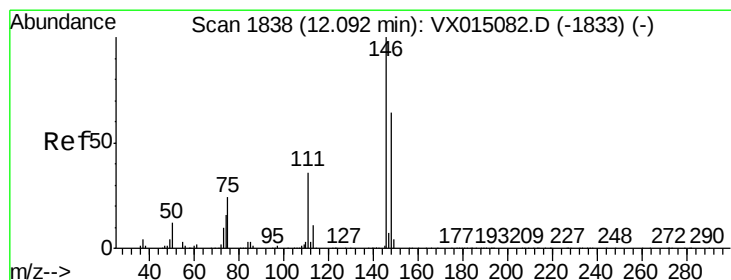
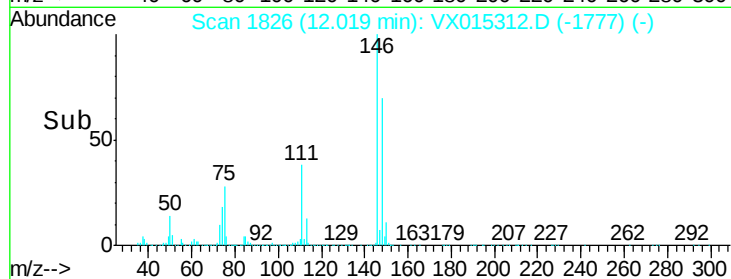
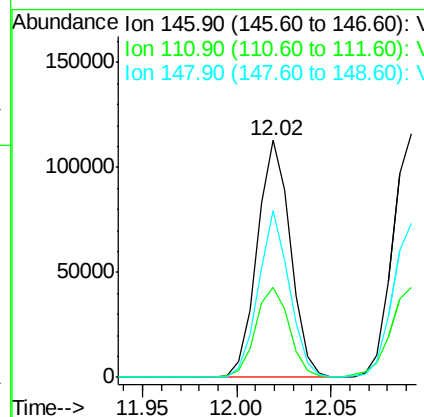
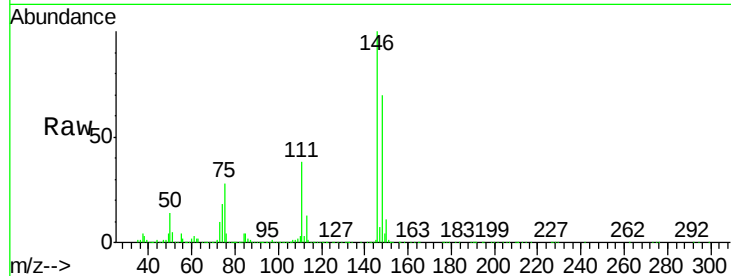
#87
 1,3-Dichlorobenzene
 Concen: 20.082 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.1
148	65.5	31.9	95.5

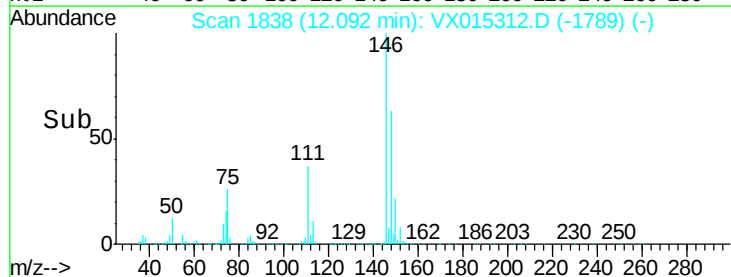
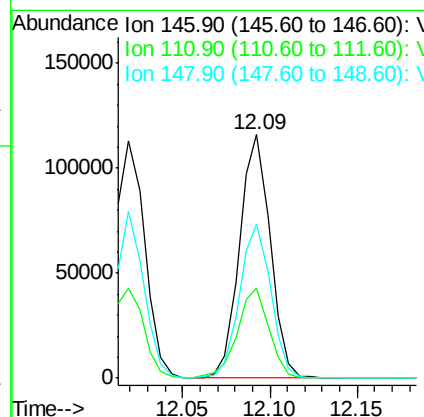
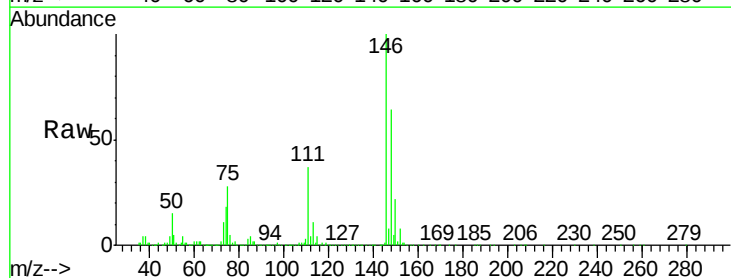
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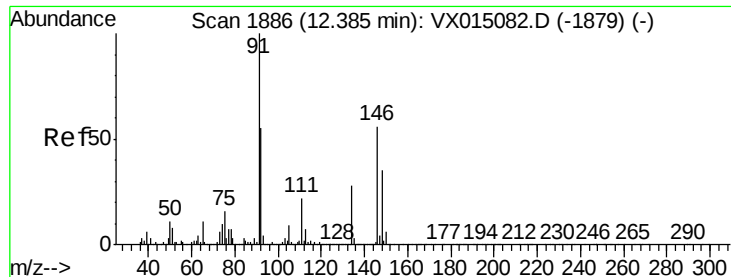
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#88
 1,4-Dichlorobenzene
 Concen: 19.928 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	64.7	32.5	97.4





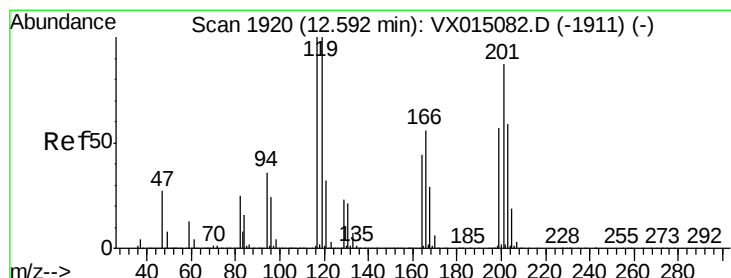
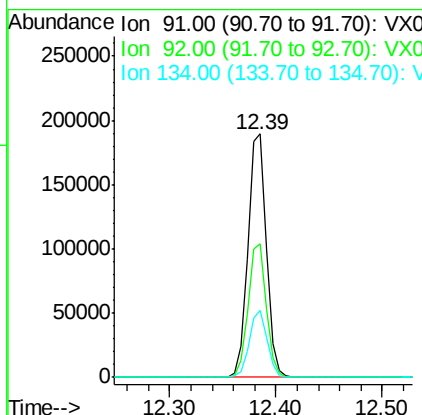
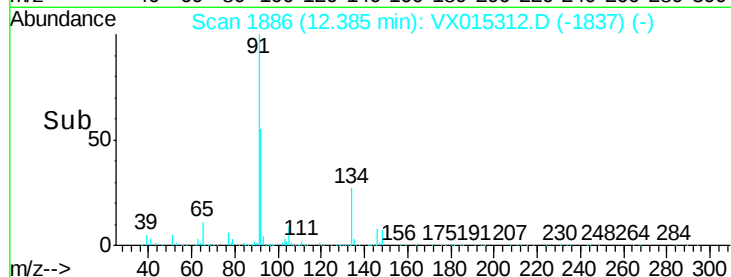
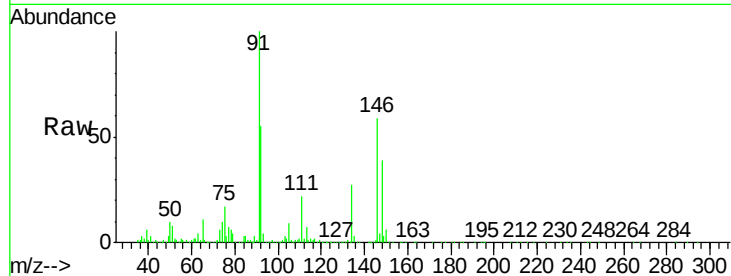
#89
n-Butylbenzene
Concen: 20.713 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.2	81.6
134	26.6	13.5	40.5

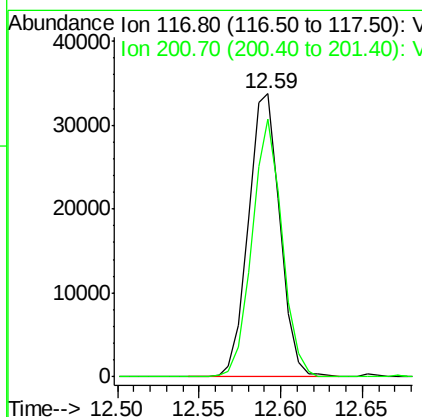
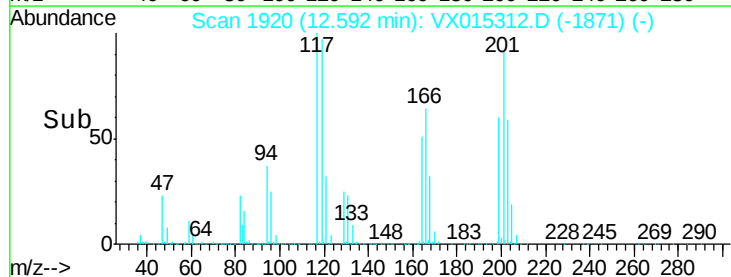
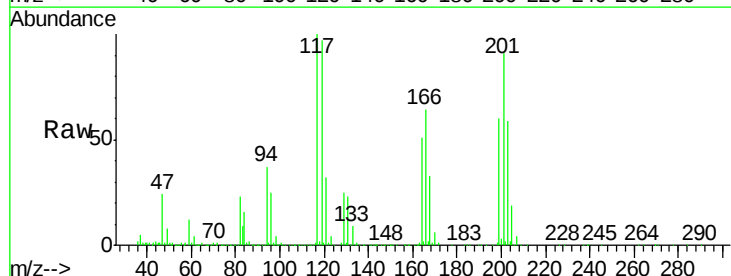
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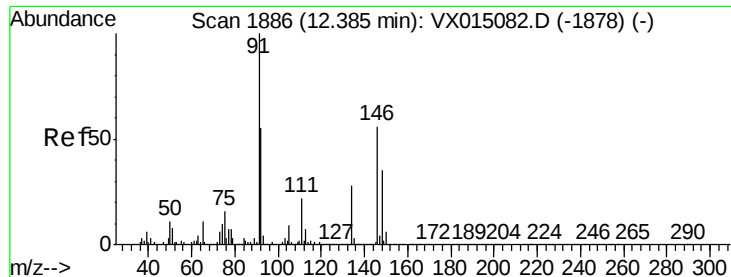
MMDadoda
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#90
Hexachloroethane
Concen: 19.217 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.1	43.5	130.7





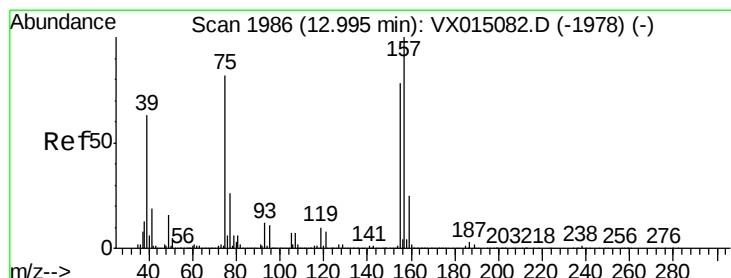
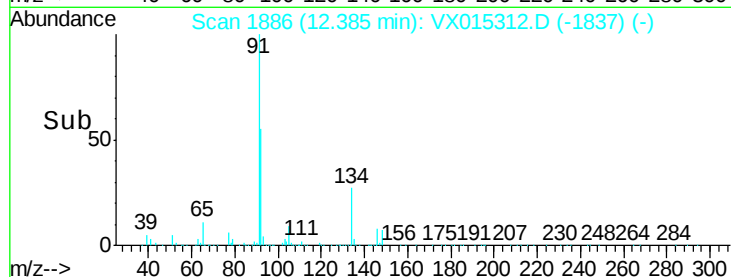
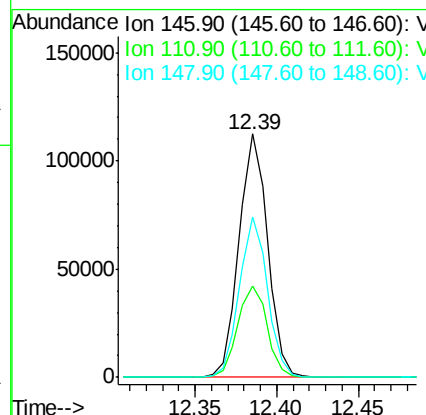
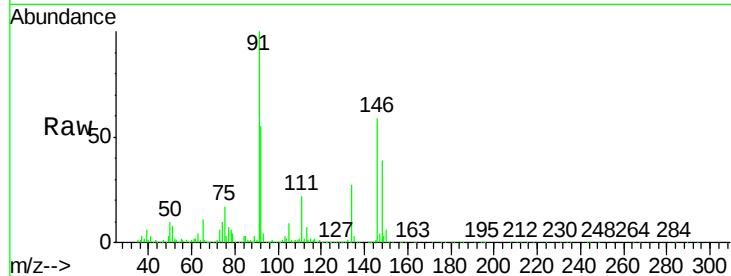
#91
 1,2-Dichlorobenzene
 Concen: 20.185 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.9	59.7
148	64.6	32.3	96.8

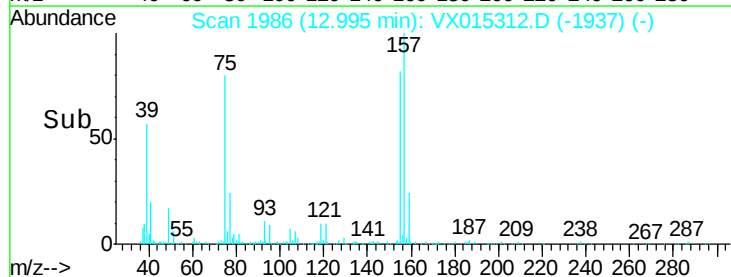
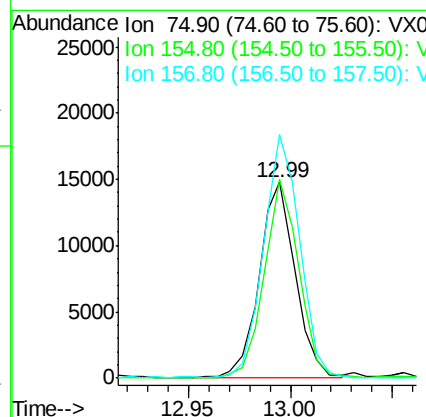
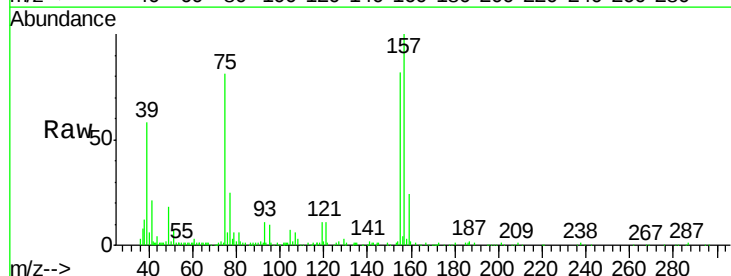
Manual Integrations
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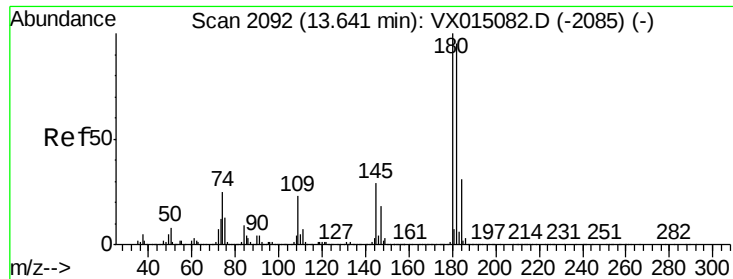
MMDadoda
 3/18/2020 4:16:49 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.535 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015312.D
 Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.4	46.6	139.7
157	124.5	59.2	177.5





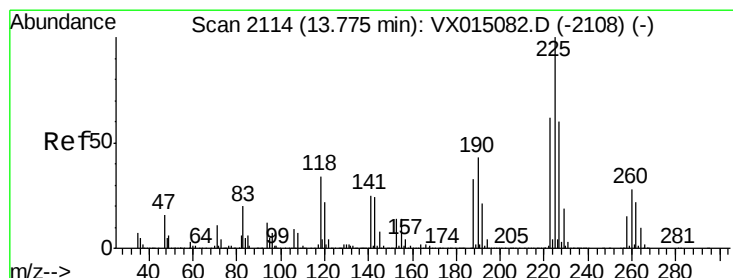
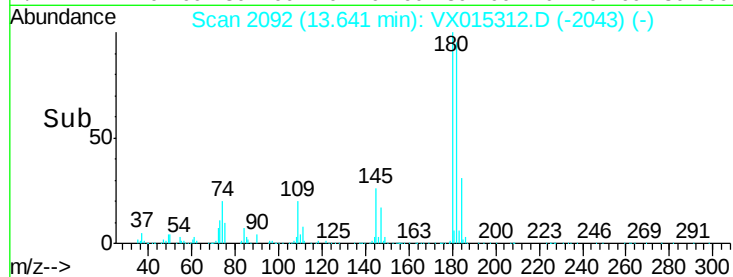
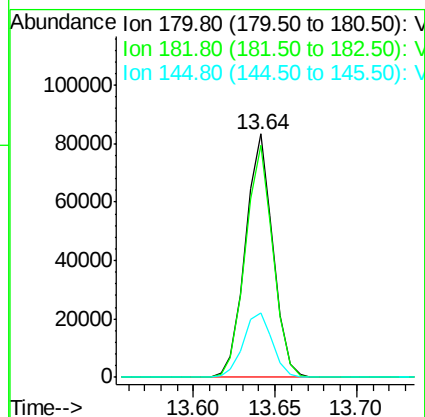
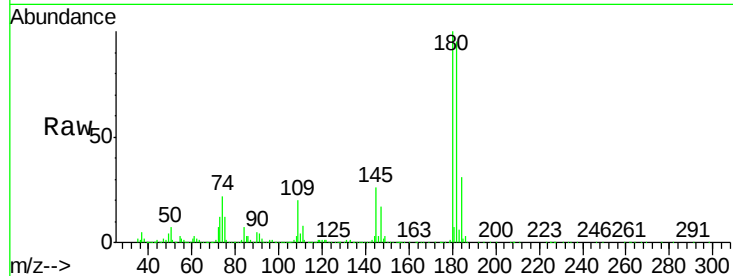
#93
1,2,4-Trichlorobenzene
Concen: 20.645 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.6	142.8
145	28.0	14.1	42.2

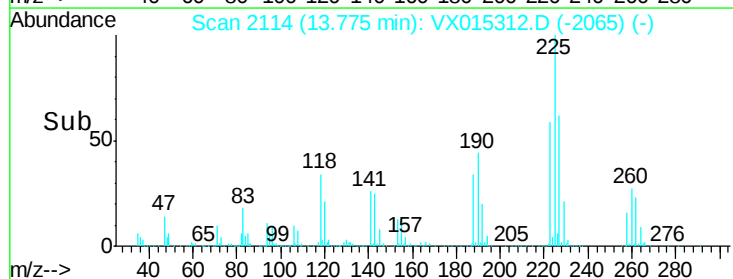
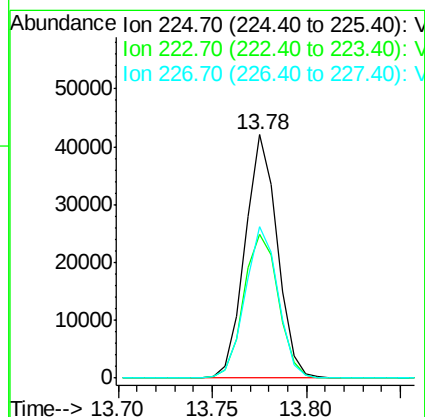
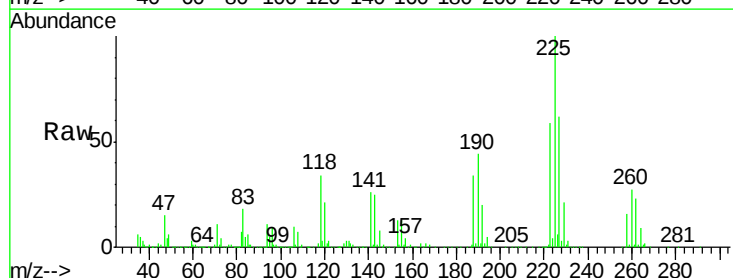
Manual Integrations
APPROVED

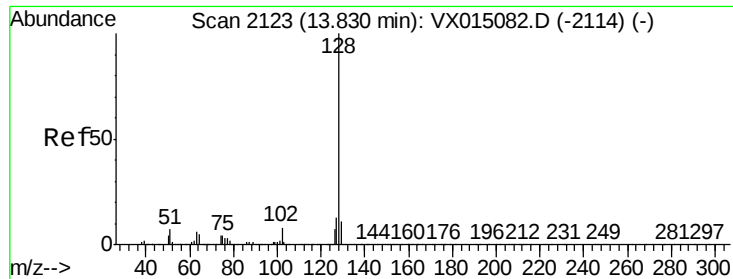
MMDadoda
3/18/2020 4:16:49 PM



#94
Hexachlorobutadiene
Concen: 20.496 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.3	93.9
227	64.1	31.1	93.2





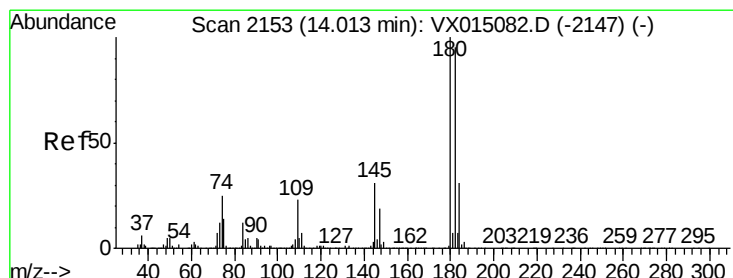
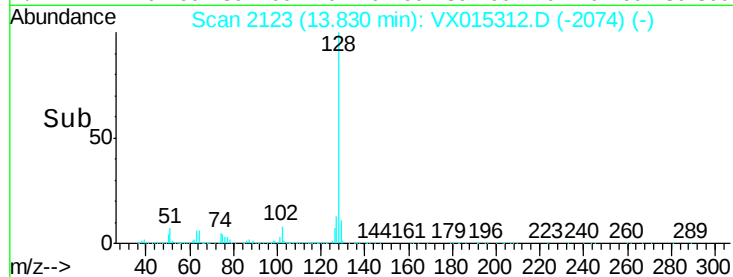
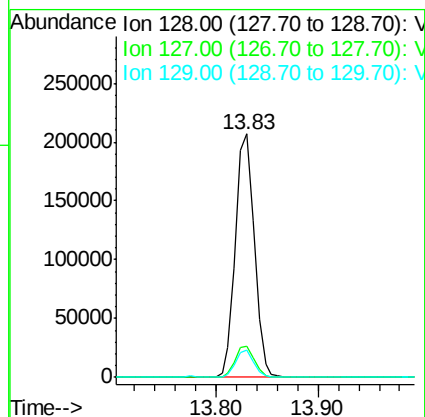
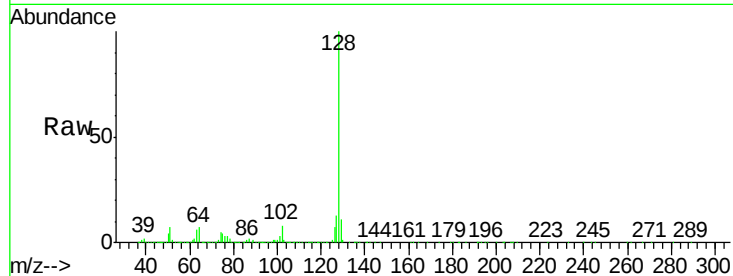
#95
Naphthalene
Concen: 19.123 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/18/2020 4:16:49 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.946 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015312.D
Acq: 17 Mar 2020 10:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	47.8	143.4
145	30.2	15.1	45.3

