

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042920\
 Data File : VX015984.D
 Acq On : 29 Apr 2020 17:56
 Operator : JC/SP
 Sample : L2405-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HW-7MSD

Manual Integrations
 APPROVED

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 4/30/2020 2:11:49 PM

Quant Time: Apr 30 08:29:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	267038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	426251	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	403377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203562	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	171481	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	5.47	113	129323	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	8.70	98	489160	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.12	95	193699	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	124039	51.908	ug/l	100
3) Chloromethane	1.31	50	141478	48.852	ug/l	98
4) Vinyl Chloride	1.39	62	164489	50.013	ug/l	100
5) Bromomethane	1.62	94	108426	49.107	ug/l	98
6) Chloroethane	1.71	64	108411	49.555	ug/l	100
7) Trichlorofluoromethane	1.92	101	240517	48.383	ug/l	99
8) Diethyl Ether	2.17	74	100107	48.236	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	123255	49.741	ug/l	99
10) Methyl Iodide	2.49	142	176634	51.099	ug/l	100
11) Tert butyl alcohol	3.01	59	197233	232.719	ug/l	100
12) 1,1-Dichloroethene	2.36	96	125355	49.064	ug/l	97
13) Acrolein	2.27	56	62256	292.297	ug/l	99
14) Allyl chloride	2.71	41	233379	50.658	ug/l	100
15) Acrylonitrile	3.12	53	429413	255.533	ug/l	99
16) Acetone	2.42	43	383995	257.197	ug/l	97
17) Carbon Disulfide	2.55	76	366411	49.154	ug/l	100
18) Methyl Acetate	2.75	43	204847	48.351	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	468847	50.737	ug/l	99
20) Methylene Chloride	2.84	84	143136	48.430	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	137449	47.735	ug/l	98
22) Diisopropyl ether	3.82	45	463239	51.145	ug/l	98
23) Vinyl Acetate	3.79	43	1937766	246.286	ug/l	100
24) 1,1-Dichloroethane	3.67	63	255866	50.711	ug/l	99
25) 2-Butanone	4.64	43	610361	252.280	ug/l	100
26) 2,2-Dichloropropane	4.55	77	214464	46.488	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	160322	49.065	ug/l	100
28) Bromochloromethane	4.98	49	117573	48.154	ug/l	97
29) Tetrahydrofuran	5.09	42	397836	250.913	ug/l	99
30) Chloroform	5.18	83	264062	50.330	ug/l	100
31) Cyclohexane	5.55	56	226539	50.434	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	242365	50.172	ug/l	99
36) 1,1-Dichloropropene	5.77	75	195205	48.083	ug/l	98
37) Ethyl Acetate	4.79	43	224977	48.328	ug/l	100
38) Carbon Tetrachloride	5.76	117	215870	50.342	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	233605	49.746	ug/l	98
40) Benzene	6.12	78	578450	49.937	ug/l	99
41) Methacrylonitrile	5.01	41	126862	50.911	ug/l	98
42) 1,2-Dichloroethane	6.17	62	223428	49.780	ug/l	99
43) Isopropyl Acetate	6.42	43	373086	48.397	ug/l	100
44) Trichloroethene	7.19	130	193332	46.304	ug/l	97
45) 1,2-Dichloropropane	7.49	63	147877	49.396	ug/l	98
46) Dibromomethane	7.64	93	104285	49.024	ug/l	99
47) Bromodichloromethane	7.88	83	215335	50.940	ug/l	99
48) Methyl methacrylate	7.74	41	183292	51.498	ug/l	100
49) 1,4-Dioxane	7.71	88	72995	871.793	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1194963	255.557	ug/l	100
52) Toluene	8.77	92	369245	50.218	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	245704	48.986	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	253629	49.165	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	147953	50.351	ug/l	99
56) Ethyl methacrylate	9.16	69	240489	50.333	ug/l	99
57) 1,3-Dichloropropane	9.35	76	253116	50.134	ug/l	99
59) 2-Hexanone	9.48	43	929664	254.406	ug/l	100
60) Dibromochloromethane	9.57	129	167885	51.046	ug/l	99
61) 1,2-Dibromoethane	9.65	107	160679	50.426	ug/l	99
64) Tetrachloroethene	9.32	164	222637	46.526	ug/l	95
65) Chlorobenzene	10.12	112	396837	48.302	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	151849	48.902	ug/l	99
67) Ethyl Benzene	10.24	91	712668	48.709	ug/l	100
68) m/p-Xylenes	10.34	106	539061	97.096	ug/l	99
69) o-Xylene	10.68	106	264085	50.101	ug/l	100
70) Stvrene	10.70	104	452662	50.048	ug/l	99
71) Bromoform	10.84	173	127804	45.460	ug/l #	100
73) Isopropylbenzene	11.01	105	705864	50.973	ug/l	100
74) N-amyl acetate	10.88	43	322382	48.270	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	160751	50.008	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	214796m	50.286	ug/l	
77) Bromobenzene	11.24	156	177954	49.923	ug/l	98
78) n-propylbenzene	11.35	91	813903	51.092	ug/l	100
79) 2-Chlorotoluene	11.41	91	477974	50.359	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	603008	51.693	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	90216	49.912	ug/l	98
82) 4-Chlorotoluene	11.49	91	572704	50.450	ug/l	99
83) tert-Butylbenzene	11.76	119	519678	51.668	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	609146	51.886	ug/l	99
85) sec-Butylbenzene	11.93	105	696897	51.427	ug/l	99
86) p-Isopropyltoluene	12.05	119	650094	51.216	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	319956	49.222	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	322327	49.064	ug/l	98
89) n-Butylbenzene	12.37	91	581808	50.729	ug/l	100
90) Hexachloroethane	12.58	117	115912	51.684	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	313742	50.474	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56812	49.692	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	222056	47.596	ug/l	98

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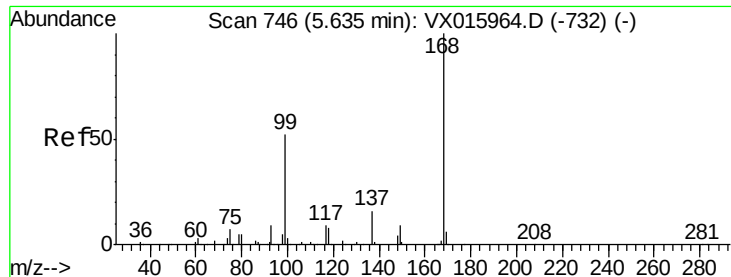
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	96851	46.463	ug/l	96
95) Naphthalene	13.82	128	734915	49.945	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	217664	48.452	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Instrument :

MSVOA_X

ClientSampleId :

HW-7MSD

Tot Ion:168 Resp: 267038

Ion Ratio Lower Upper

168 100

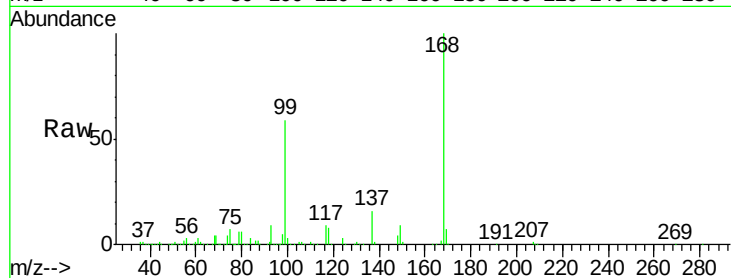
99 59.2 41.7 62.5

Manual Integrations

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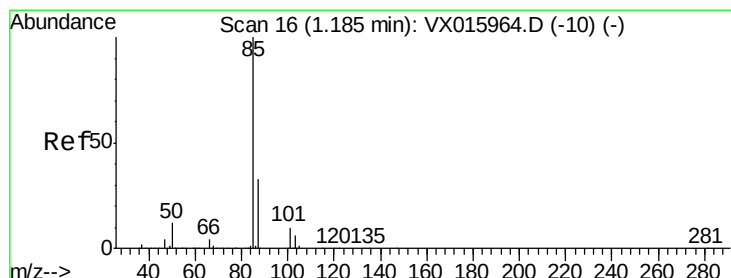
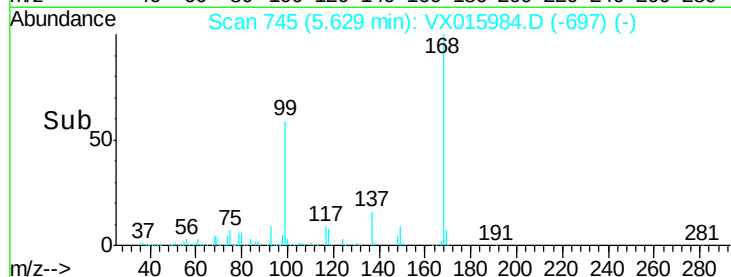
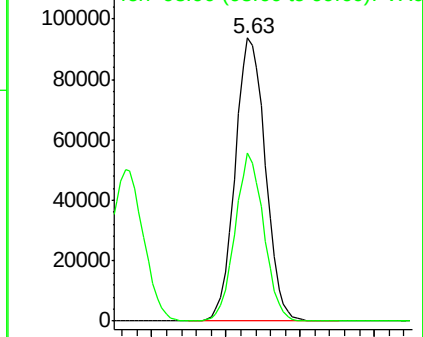
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.908 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015984.D

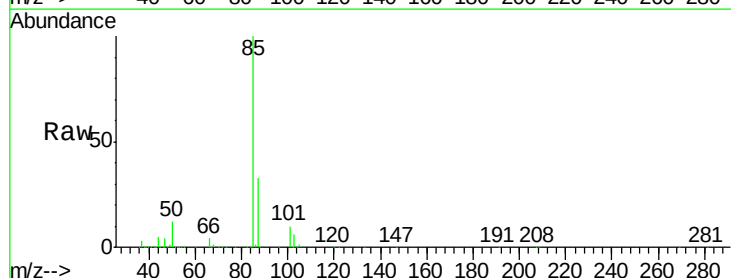
Acq: 29 Apr 2020 17:56

Tgt Ion: 85 Resp: 124039

Ion Ratio Lower Upper

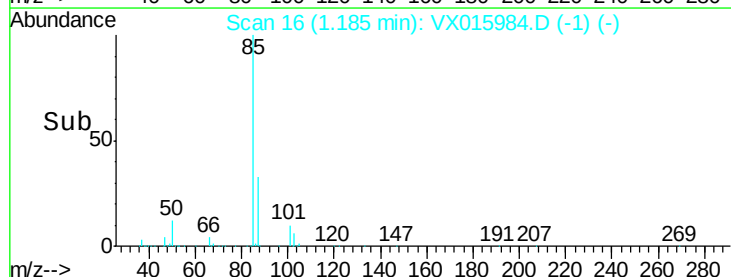
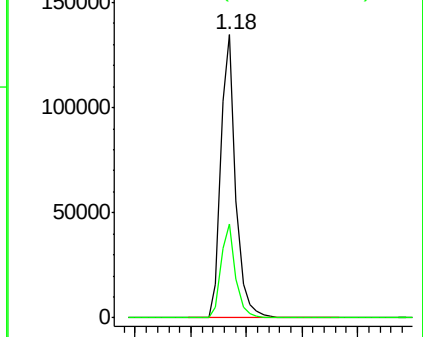
85 100

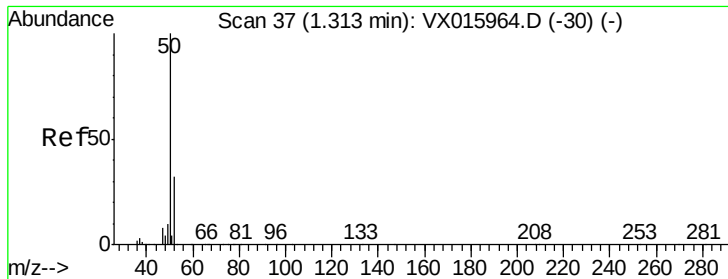
87 33.4 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.852 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Instrument :

MSVOA_X

ClientSampleId :

HW-7MSD

Tot Ion: 50 Resp: 141478

Ion Ratio Lower Upper

50 100

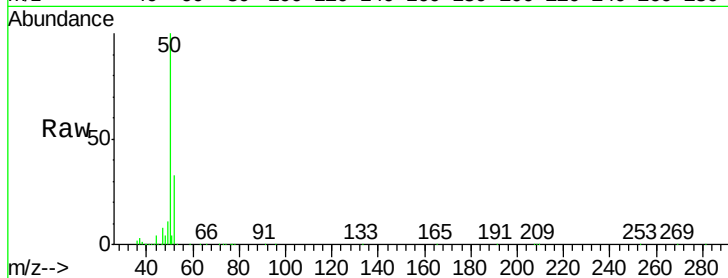
52 32.9 25.5 38.3

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

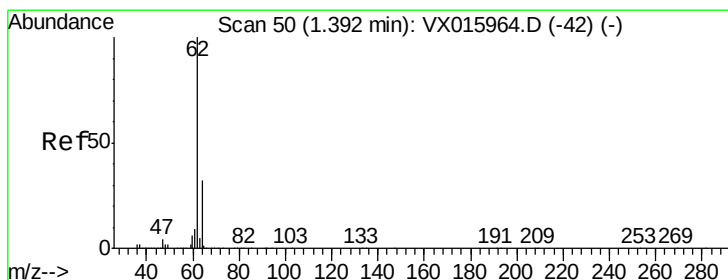
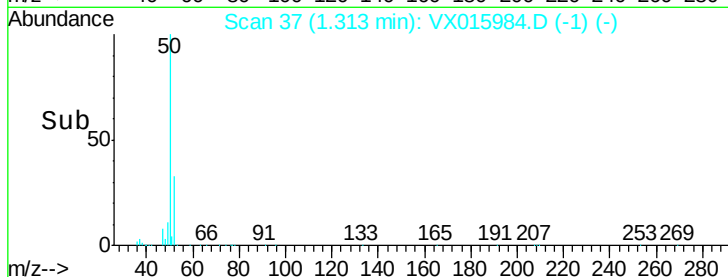
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 50.013 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015984.D

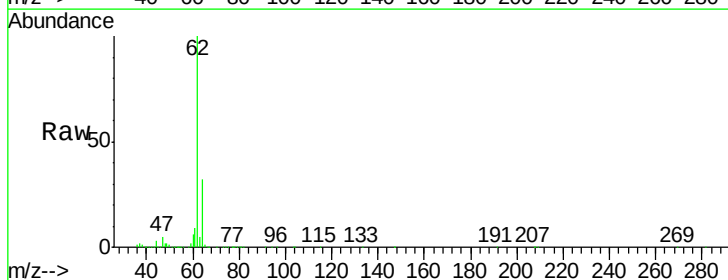
Acq: 29 Apr 2020 17:56

Tgt Ion: 62 Resp: 164489

Ion Ratio Lower Upper

62 100

64 32.3 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

200000

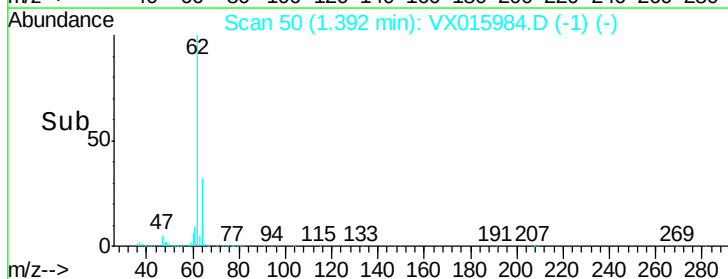
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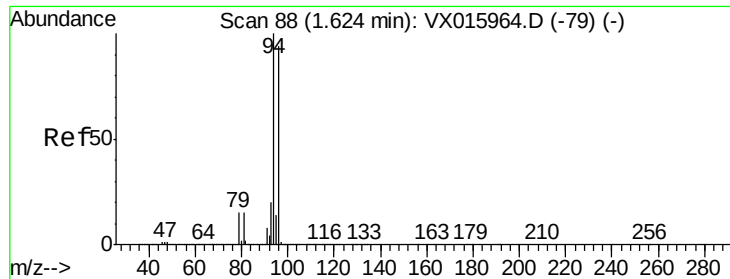
100000

50000

0

Time-->





#5

Bromomethane

Concen: 49.107 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Instrument :

MSVOA_X

ClientSampleId :

HW-7MSD

Tot Ion: 94 Resp: 108426

Ion Ratio Lower Upper

94 100

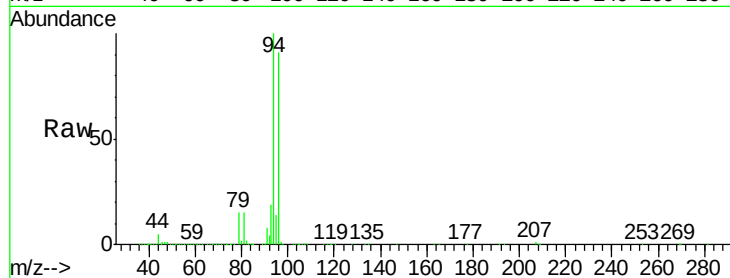
96 91.4 74.9 112.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

120000

100000

80000

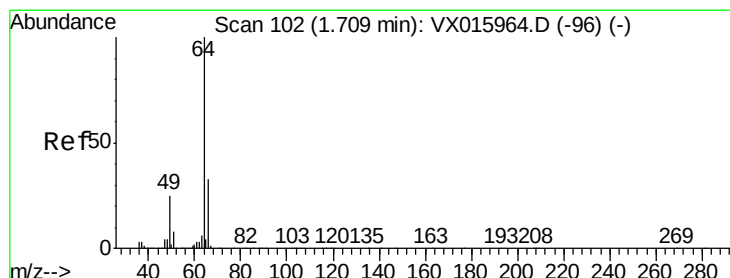
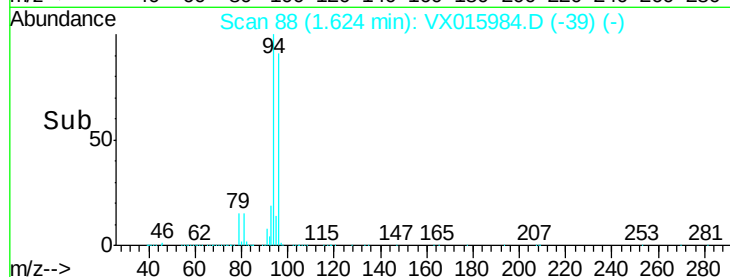
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 49.555 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX015984.D

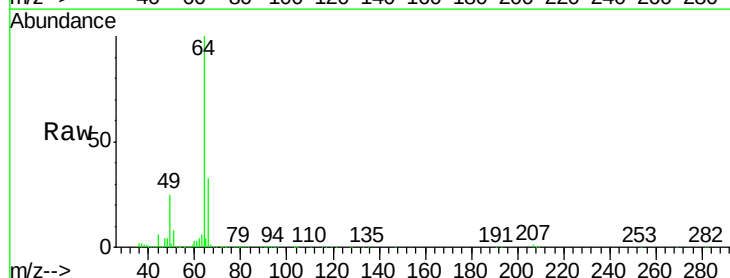
Acq: 29 Apr 2020 17:56

Tgt Ion: 64 Resp: 108411

Ion Ratio Lower Upper

64 100

66 32.9 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

100000

80000

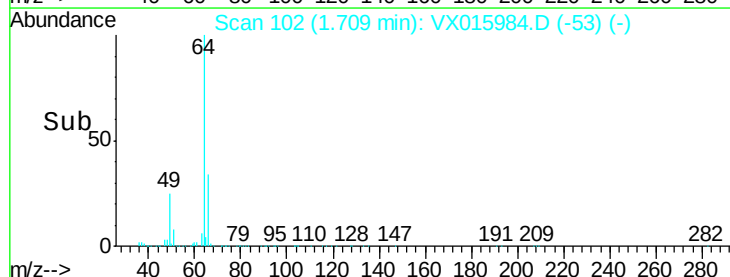
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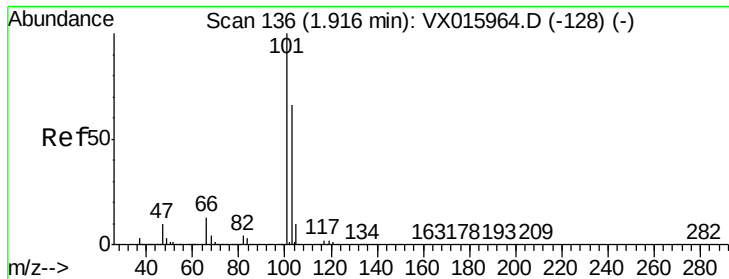
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20000

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Time-->





#7

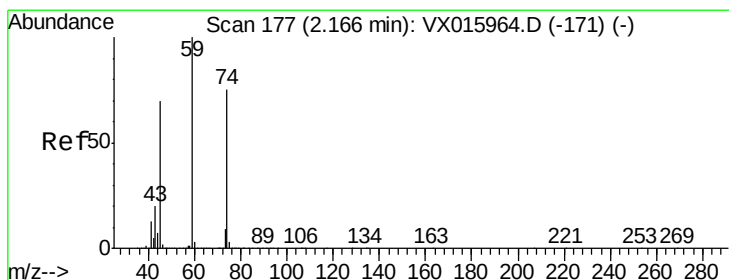
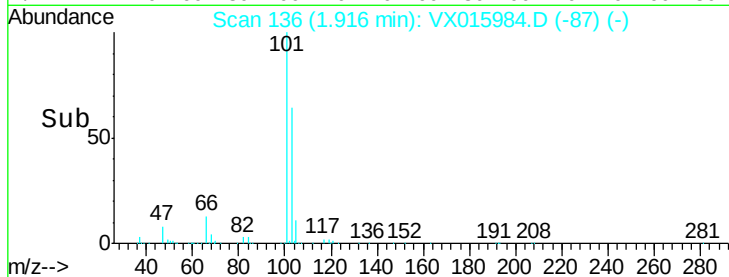
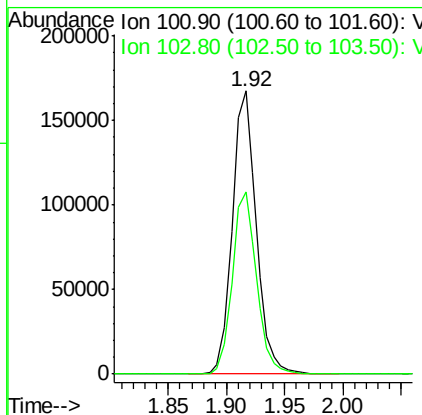
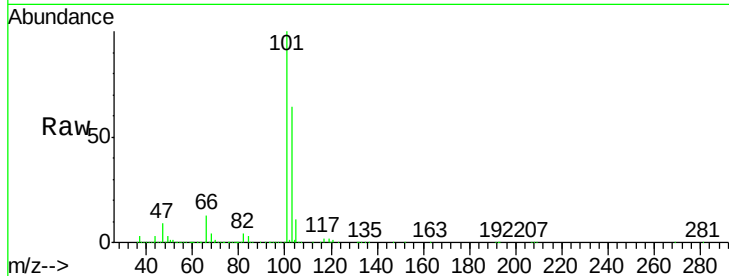
Trichlorofluoromethane
Concen: 48.383 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Instrument :
MSVOA_X
ClientSampleId :
HW-7MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.4	78.6

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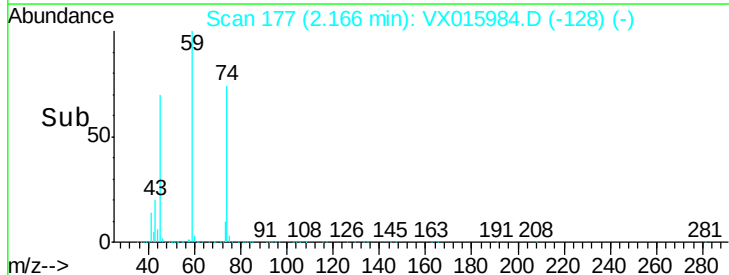
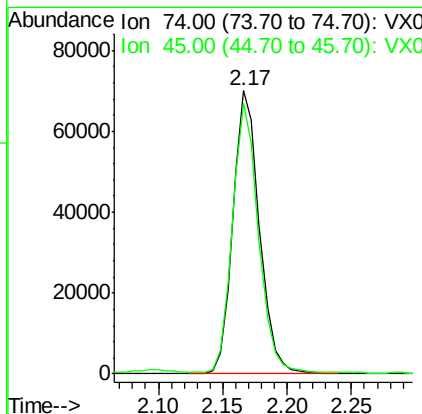
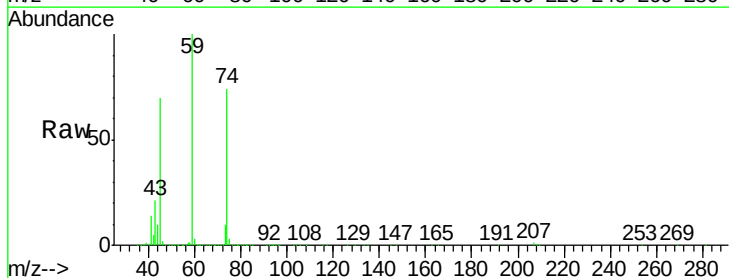
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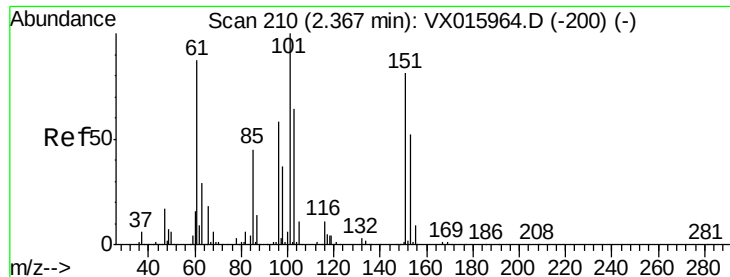


#8

Diethyl Ether
Concen: 48.236 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.9	47.1	141.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.741 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Instrument :

MSVOA_X

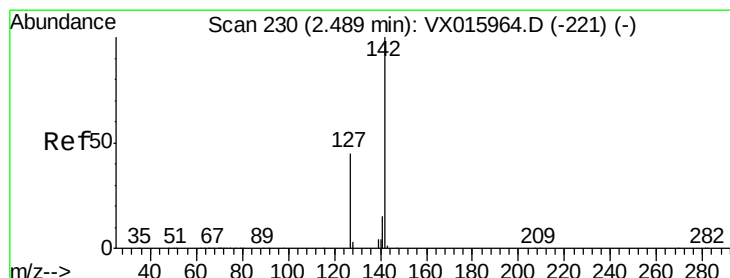
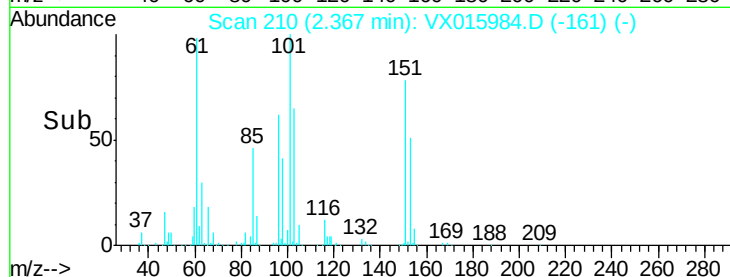
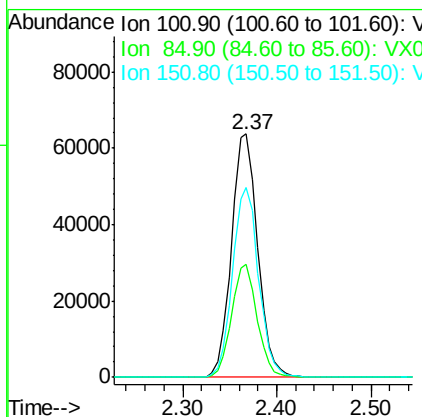
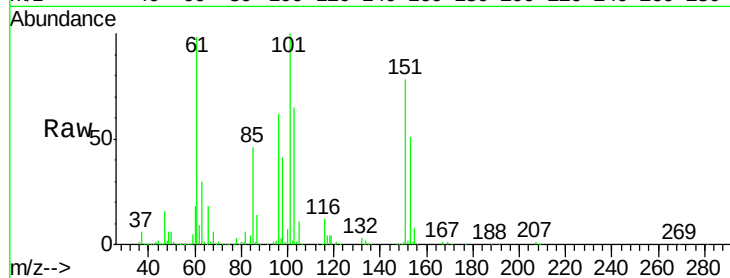
ClientSampleId :

HW-7MSD

Tot Ion:	101	Resp:	123255
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.3	54.5
151	77.9	63.1	94.7

Manual Integrations
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#10

Methyl Iodide

Concen: 51.099 ug/l

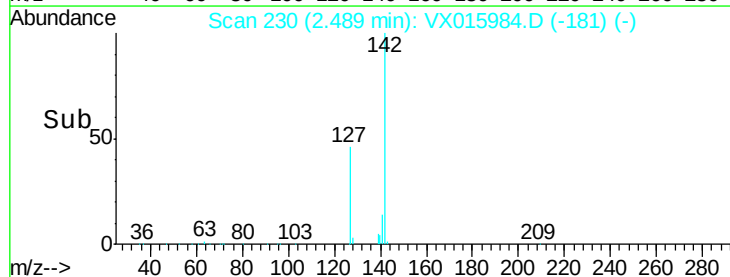
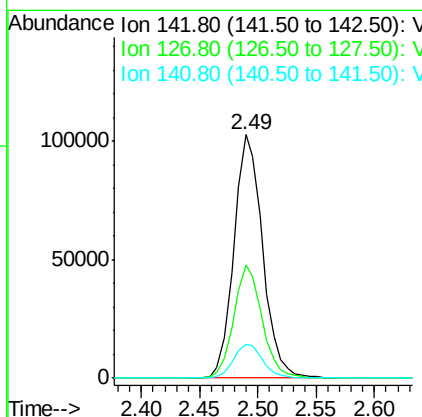
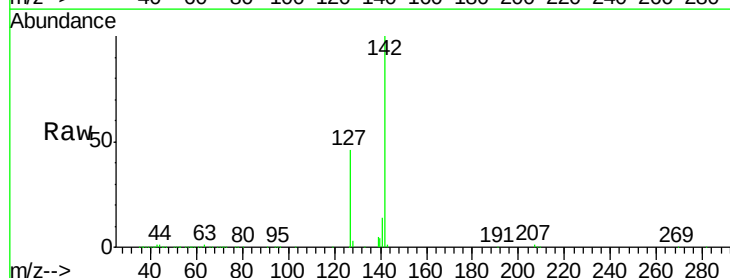
RT: 2.49 min Scan# 230

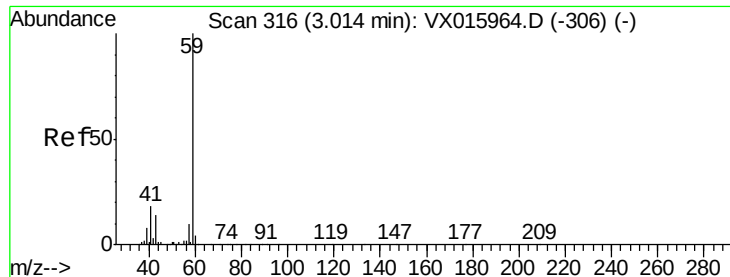
Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Tgt Ion:	142	Resp:	176634
Ion Ratio	Lower	Upper	
142	100		
127	45.6	36.5	54.7
141	14.1	11.6	17.4





#11

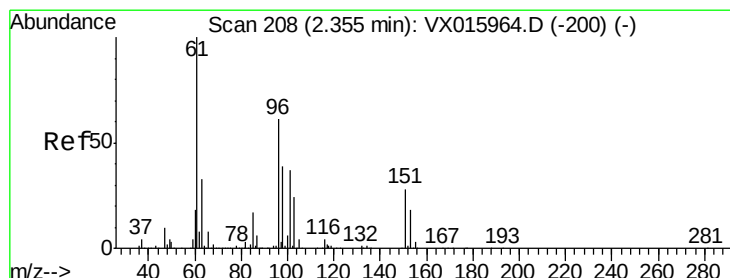
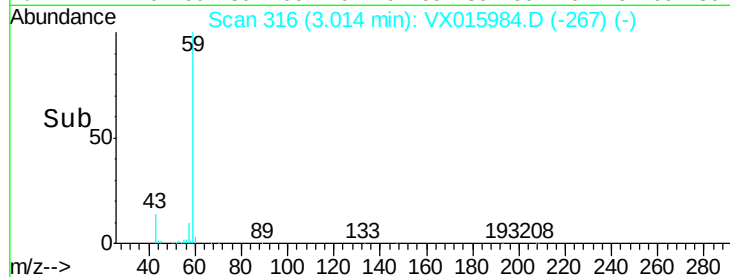
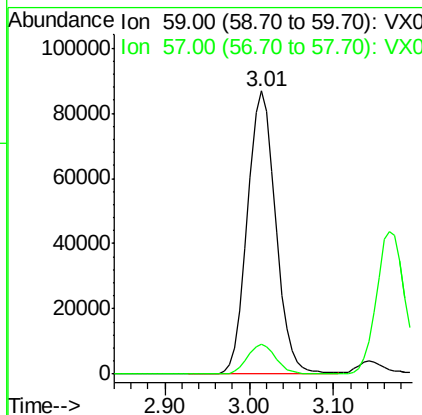
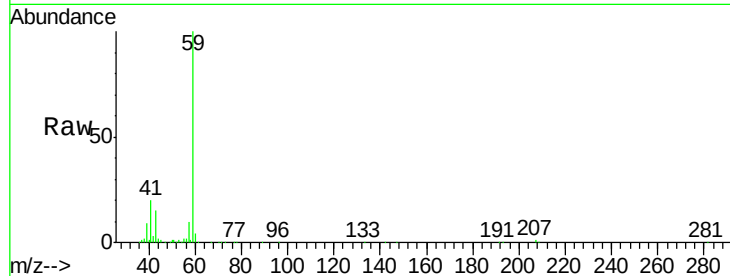
Tert butyl alcohol
Concen: 232.719 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Instrument :
MSVOA_X
ClientSampleId :
HW-7MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.3	12.5

Manual Integrations
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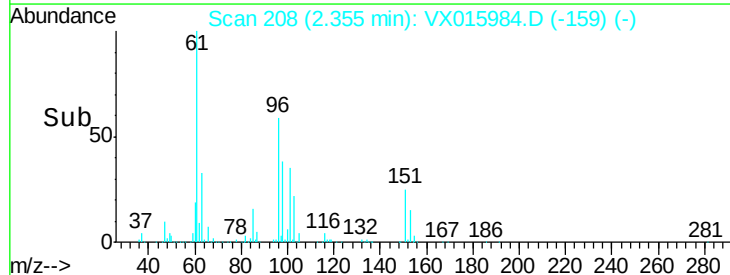
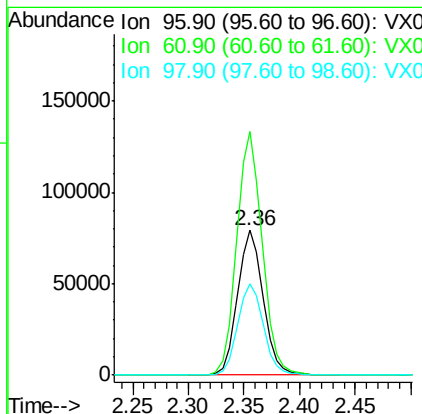
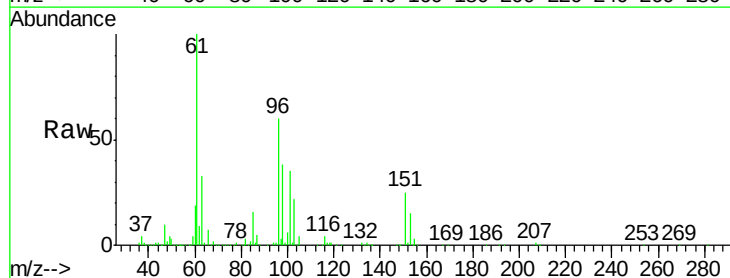
MMDadoda
4/30/2020 2:11:49 PM

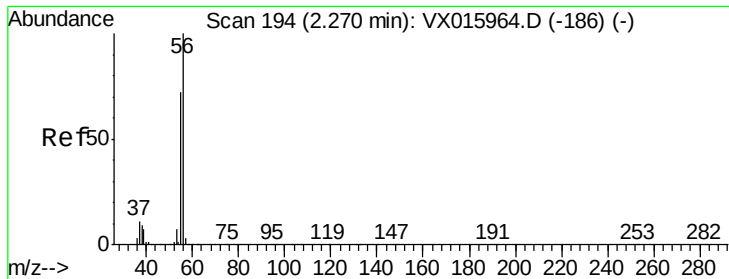


#12

1,1-Dichloroethene
Concen: 49.064 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.3	131.0	196.4
98	63.5	50.7	76.1





#13

Acrolein

Concen: 292.297 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Instrument :

MSVOA_X

ClientSampleId :

HW-7MSD

Tot Ion: 56 Resp: 62256

Ion Ratio Lower Upper

56 100

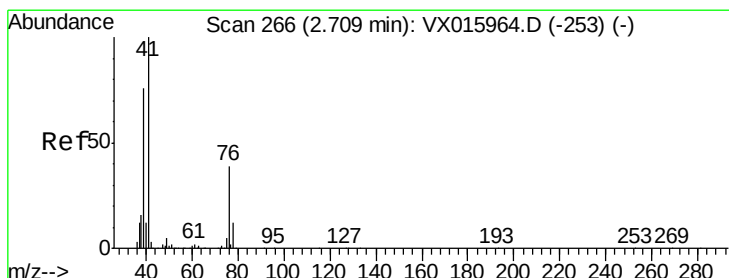
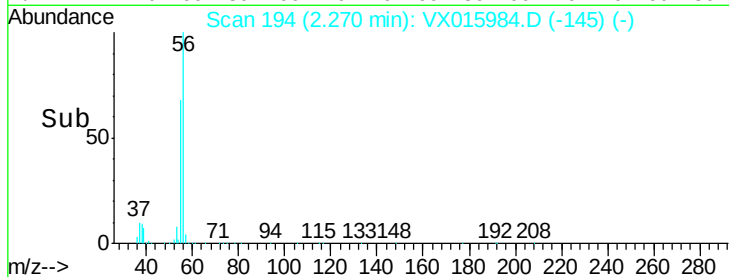
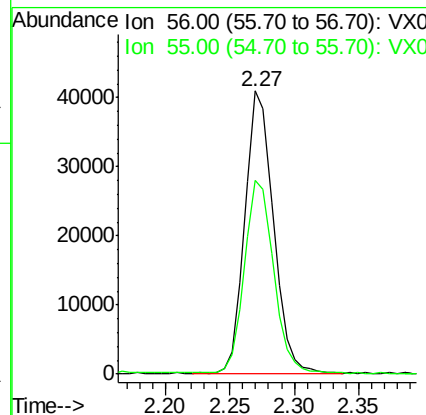
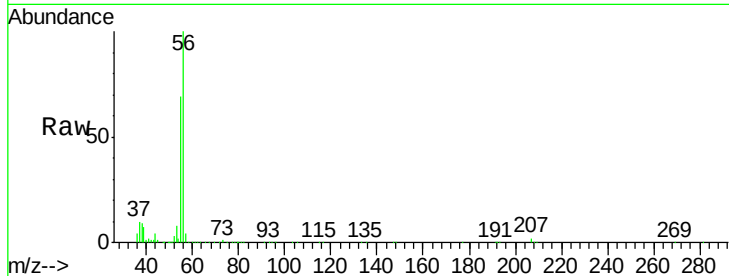
55 70.2 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 50.658 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

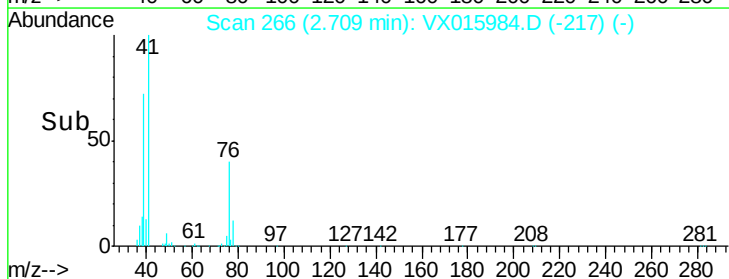
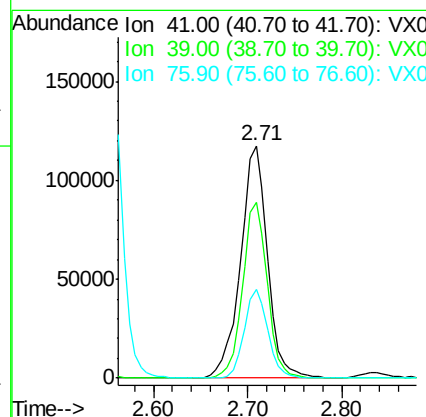
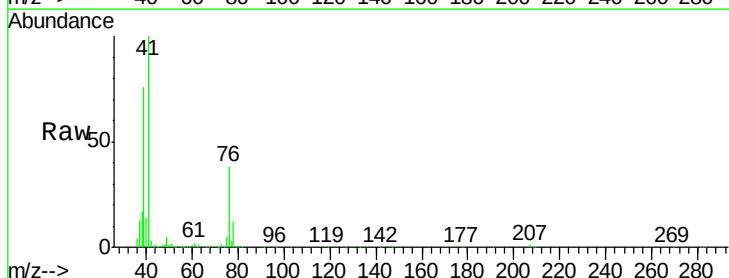
Tgt Ion: 41 Resp: 233379

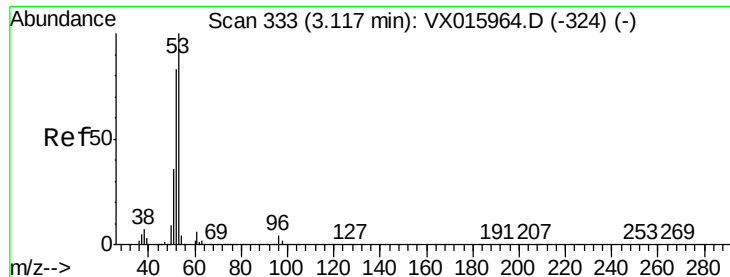
Ion Ratio Lower Upper

41 100

39 69.0 55.4 83.0

76 33.7 27.1 40.7





#15

Acrylonitrile

Concen: 255.533 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Instrument :

MSVOA_X

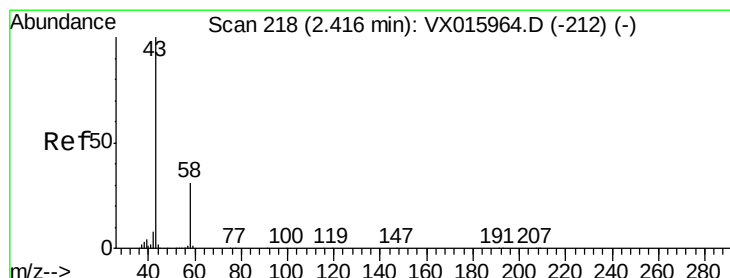
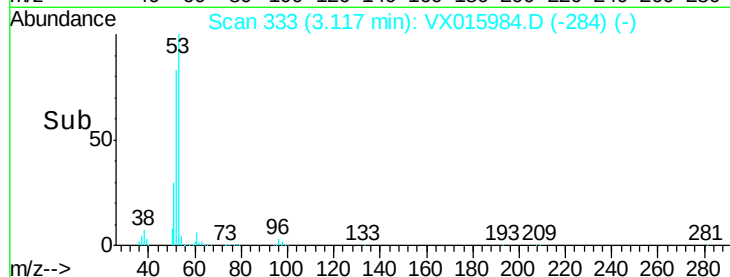
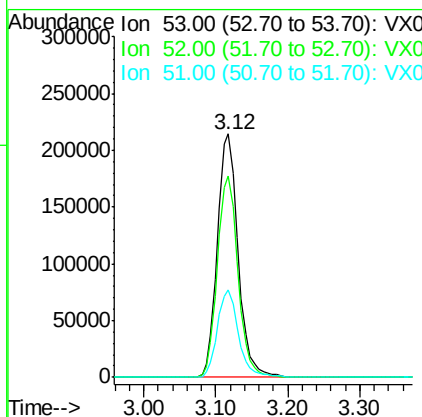
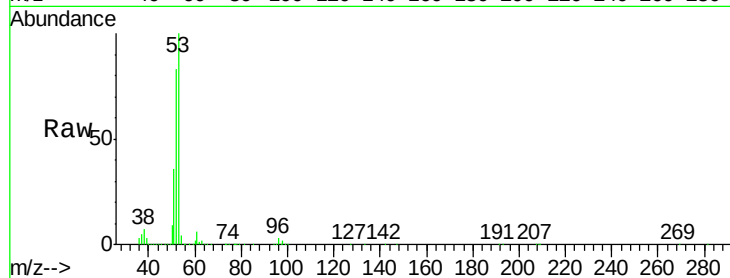
ClientSampled :

HW-7MSD

Tot Ion:	53	Resp:	429413
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.5	98.3
51	36.3	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 257.197 ug/l

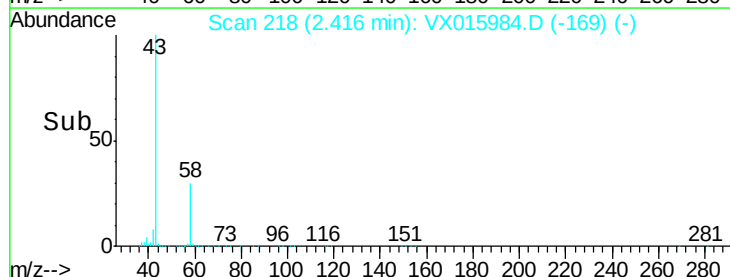
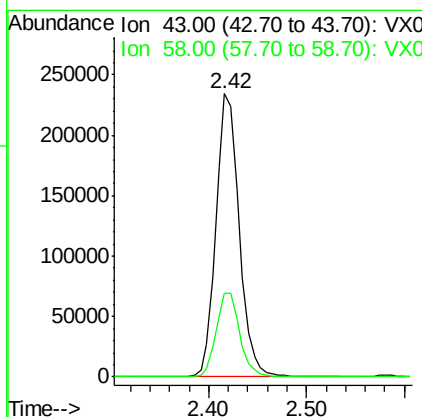
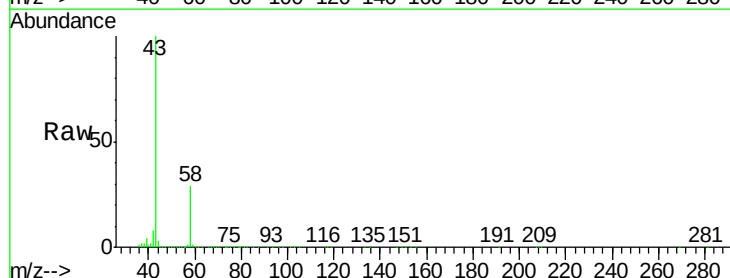
RT: 2.42 min Scan# 218

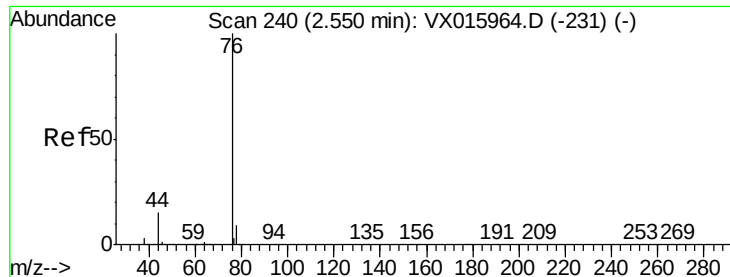
Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Tgt Ion:	43	Resp:	383995
Ion	Ratio	Lower	Upper
43	100		
58	29.5	25.1	37.7





#17

Carbon Disulfide

Concen: 49.154 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Instrument :

MSVOA_X

ClientSampled :

HW-7MSD

Tot Ion: 76 Resp: 366411

Ion Ratio Lower Upper

76 100

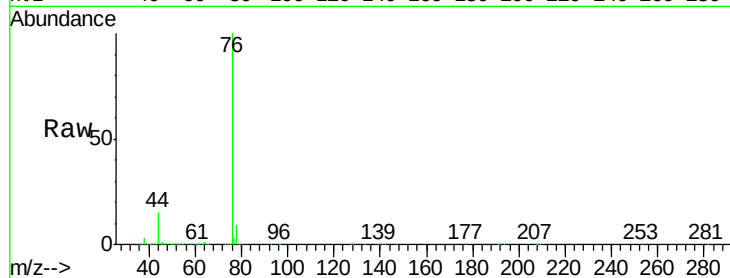
78 9.0 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

200000

150000

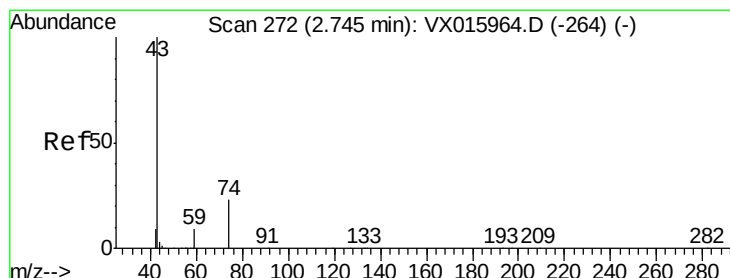
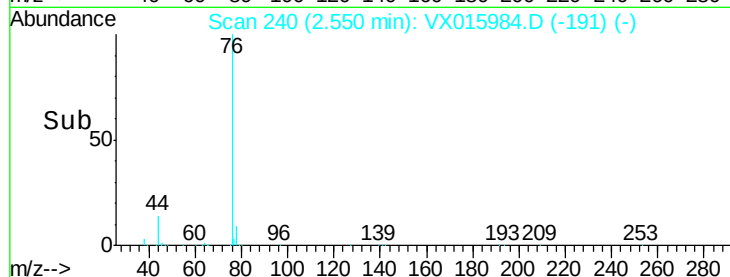
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 48.351 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX015984.D

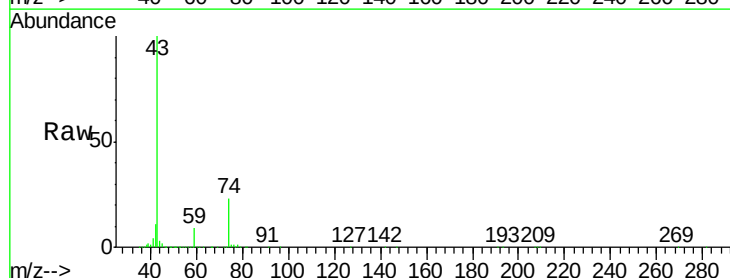
Acq: 29 Apr 2020 17:56

Tgt Ion: 43 Resp: 204847

Ion Ratio Lower Upper

43 100

74 24.3 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

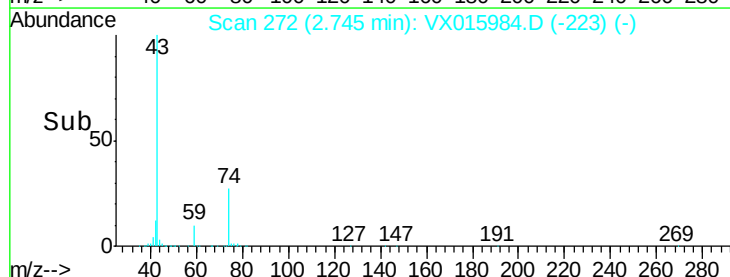
100000

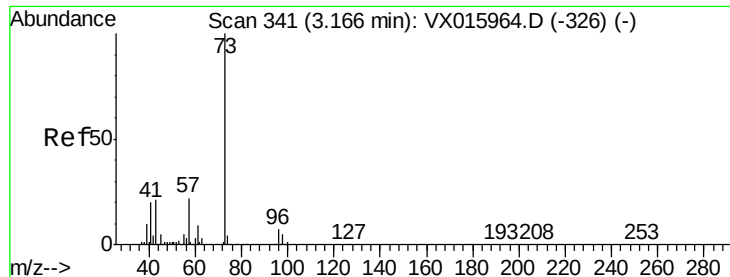
50000

0

2.70 2.80

Time-->





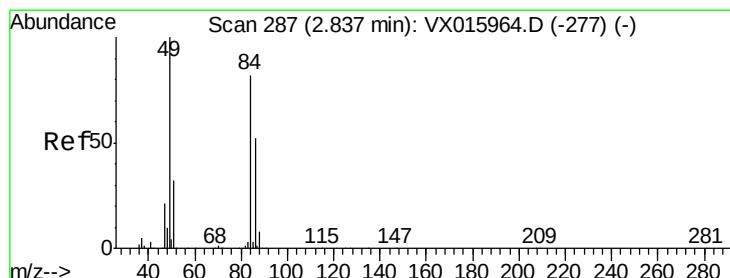
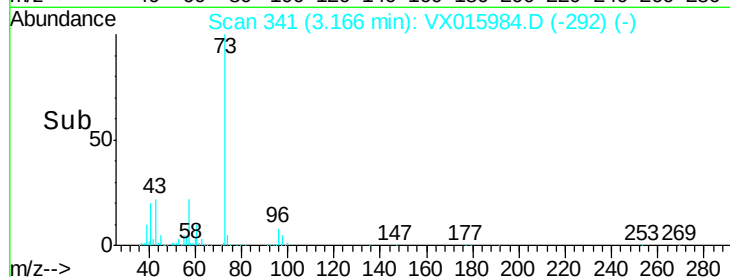
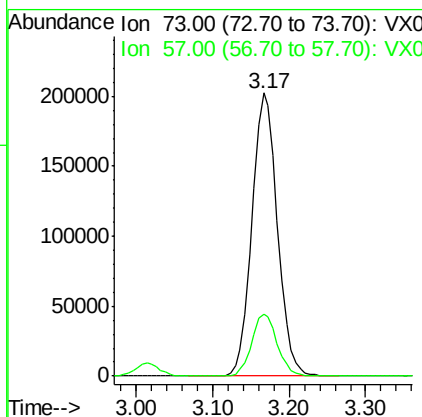
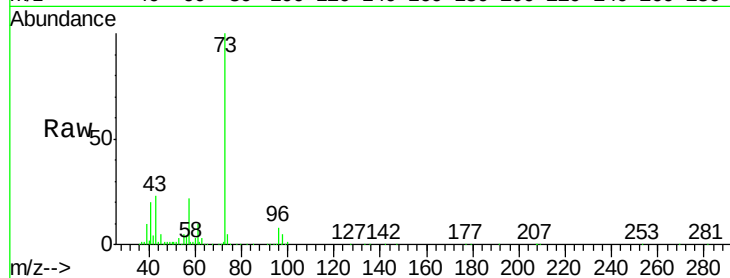
#19
Methyl tert-butyl Ether
Concen: 50.737 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Instrument :
MSVOA_X
ClientSampleId :
HW-7MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.5	26.3

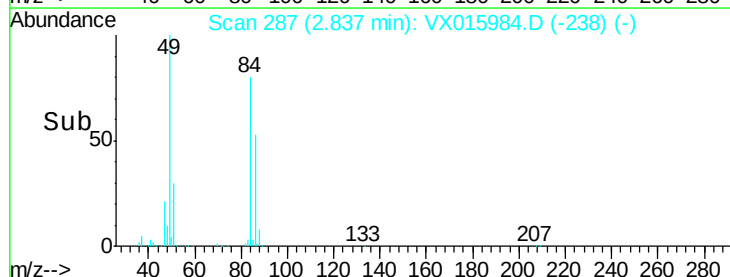
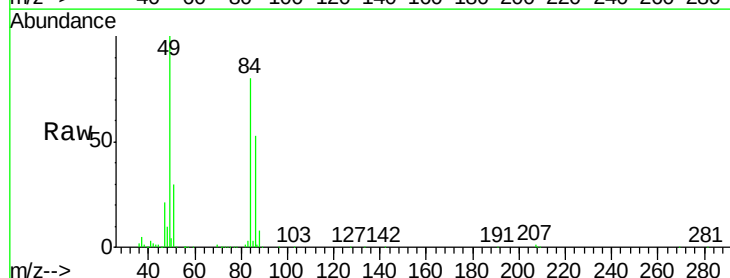
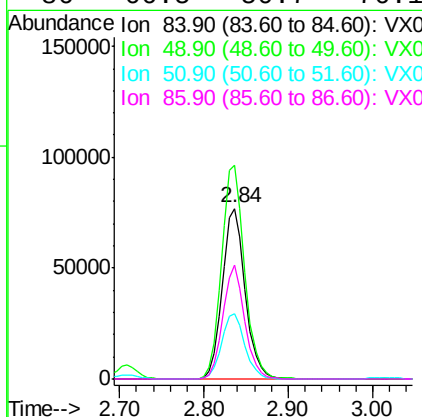
Manual Integrations
APPROVED

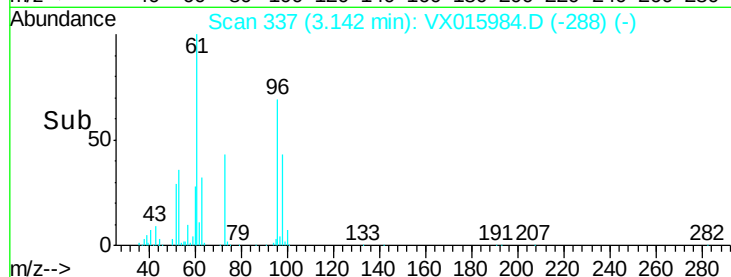
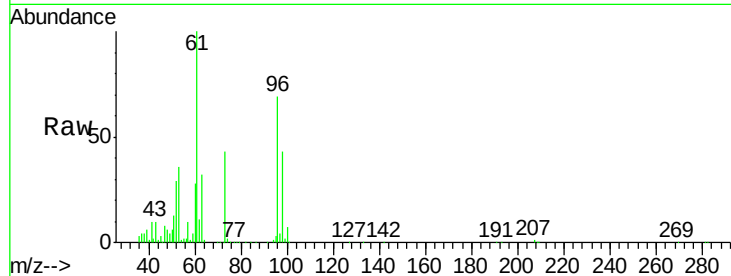
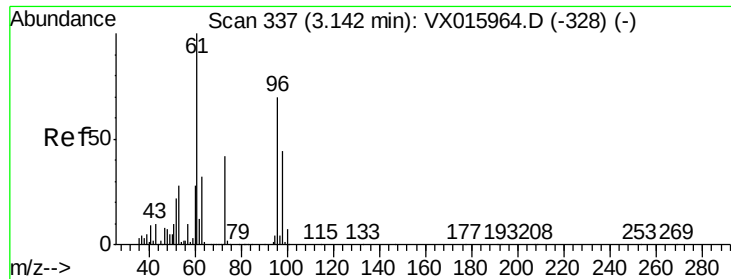
MMDadoda
4/30/2020 2:11:49 PM



#20
Methylene Chloride
Concen: 48.430 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.9	97.9	146.9
51	38.0	31.2	46.8
86	66.5	50.7	76.1





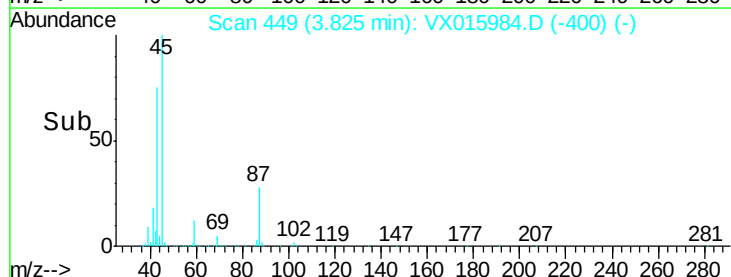
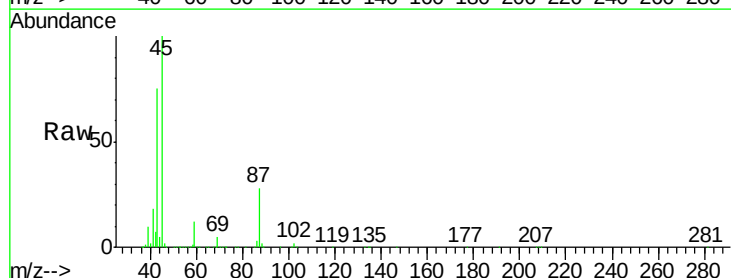
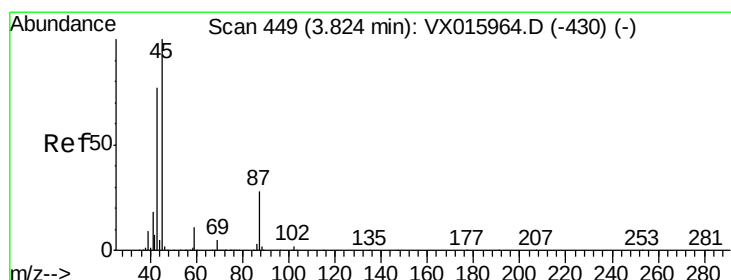
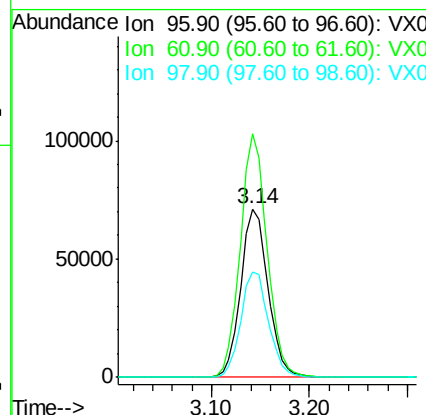
#21
trans-1,2-Dichloroethene
Concen: 47.735 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		137449		
61	144.5	113.6	170.4		
98	62.4	50.3	75.5		

Instrument :
MSVOA_X
ClientSampled :
HW-7MSD

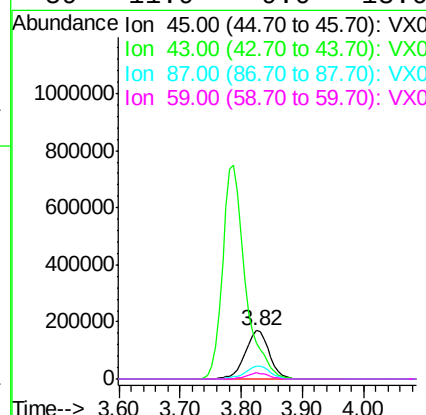
Manual Integrations
APPROVED

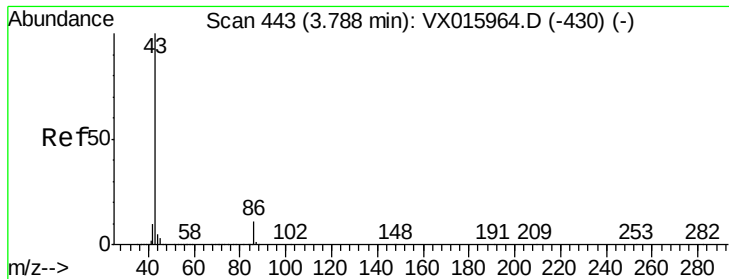
MMDadoda
4/30/2020 2:11:49 PM



#22
Diisopropyl ether
Concen: 51.145 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100		463239		
43	74.6	61.3	91.9		
87	27.8	22.6	33.8		
59	11.9	9.0	13.6		





#23

Vinyl Acetate

Concen: 246.286 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Tot Ion: 43 Resp: 1937766

Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3

Instrument :

MSVOA_X

ClientSampleId :

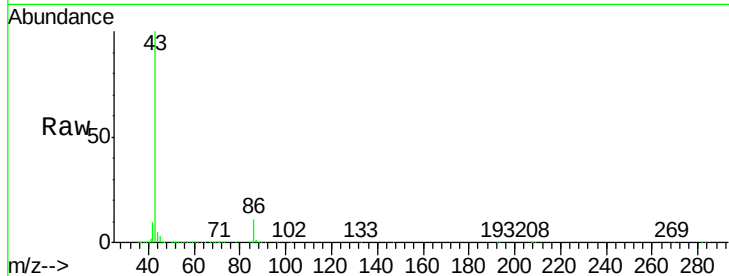
HW-7MSD

Manual Integrations

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4/30/2020 2:11:49 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

800000

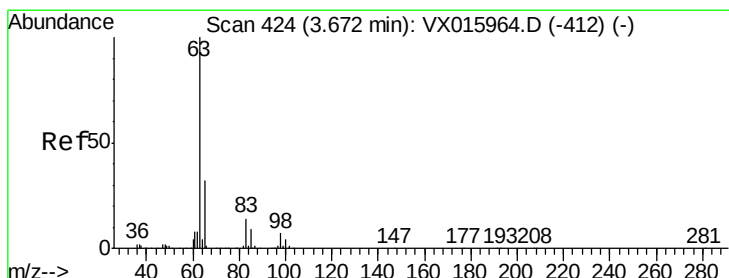
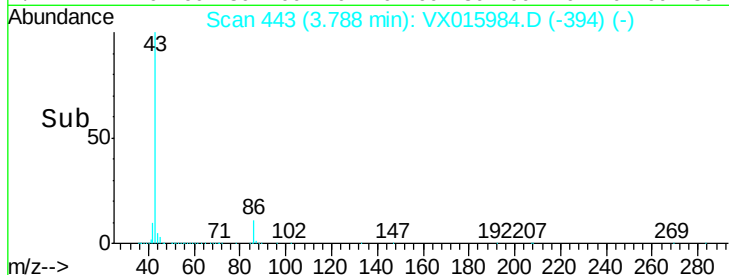
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.711 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

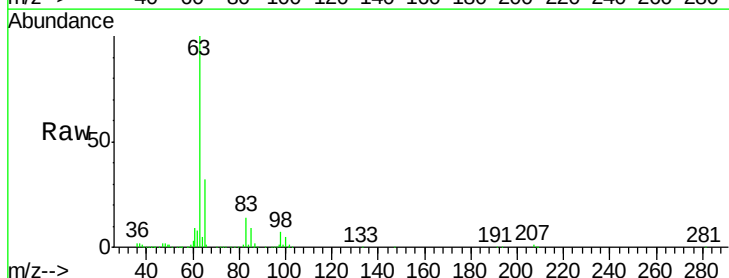
Tgt Ion: 63 Resp: 255866

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.7 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

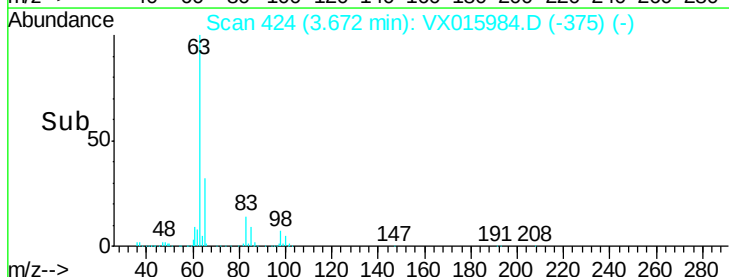
150000

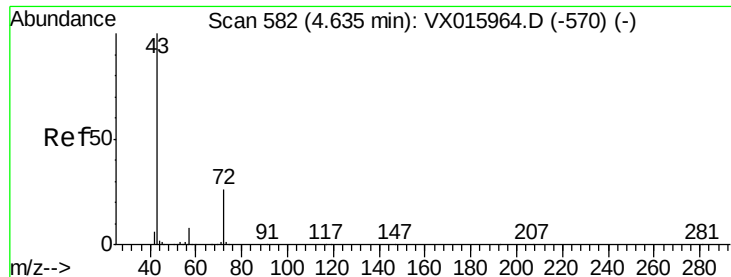
100000

50000

0

Time-->





#25

2-Butanone

Concen: 252.280 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Instrument :

MSVOA_X

ClientSampleId :

HW-7MSD

Tot Ion: 43 Resp: 610361

Ion Ratio Lower Upper

43 100

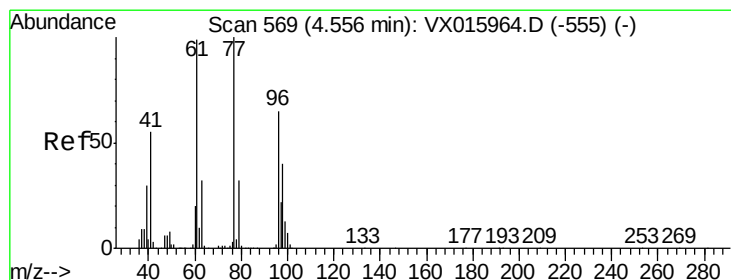
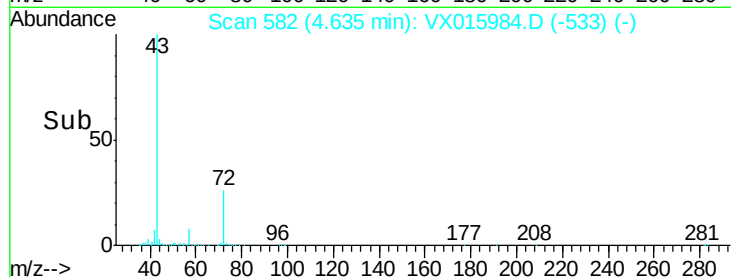
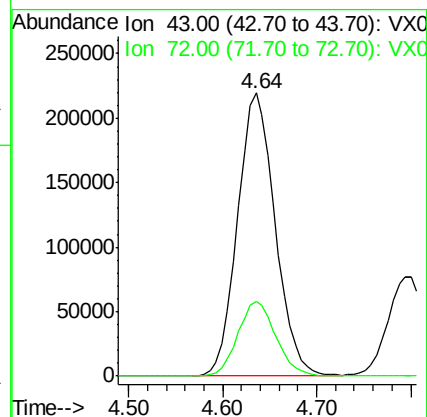
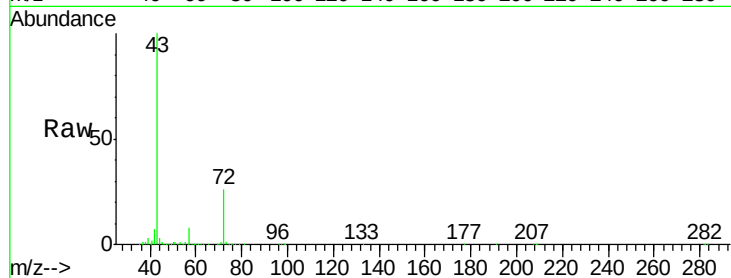
72 26.3 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.488 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX015984.D

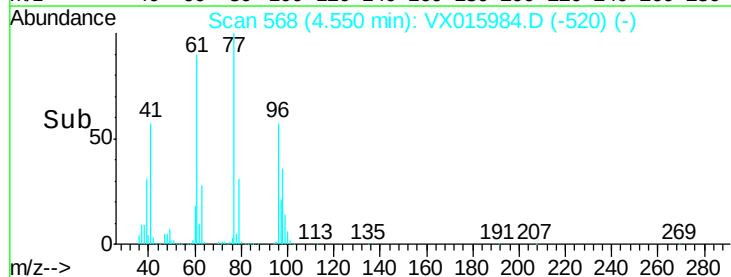
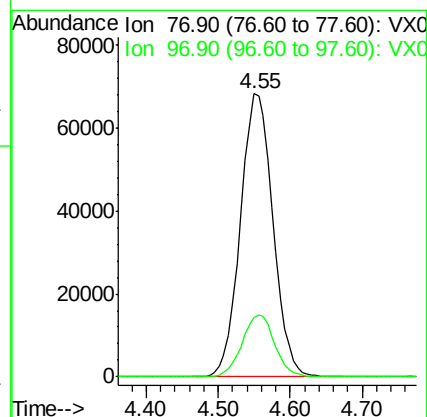
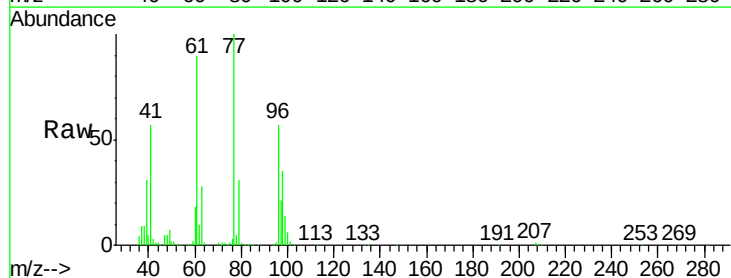
Acq: 29 Apr 2020 17:56

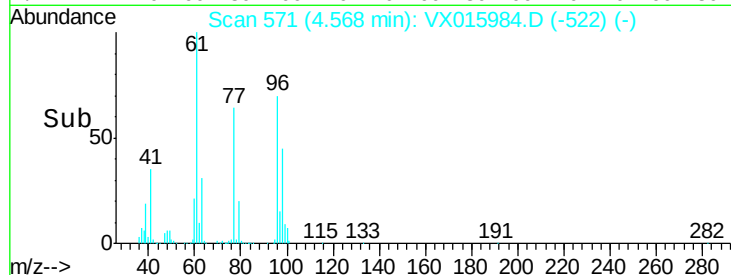
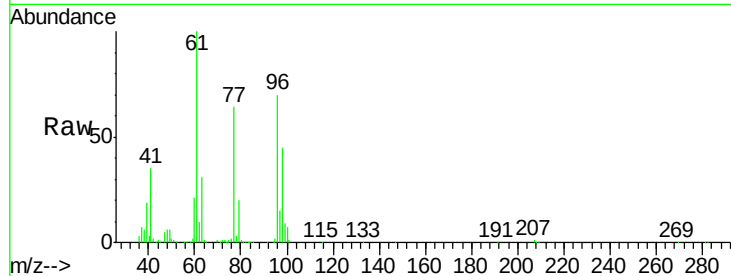
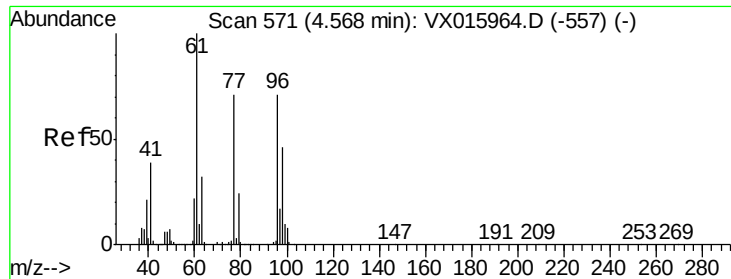
Tgt Ion: 77 Resp: 214464

Ion Ratio Lower Upper

77 100

97 22.0 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 49.065 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX015984.D

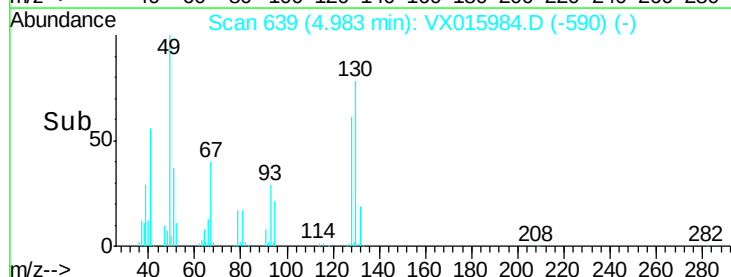
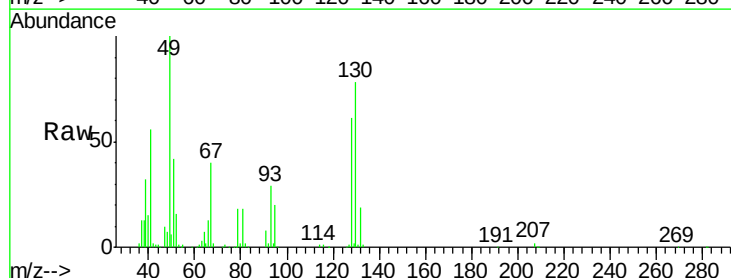
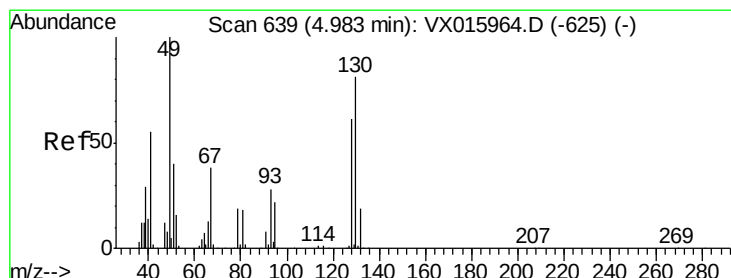
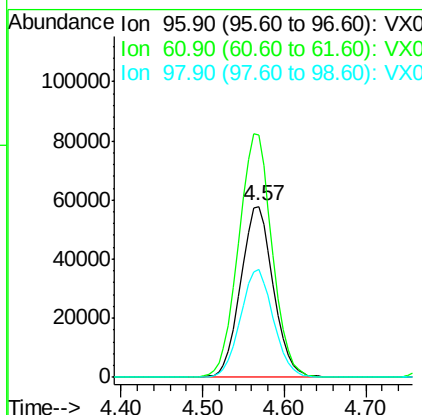
Acq: 29 Apr 2020 17:56

Tot Ion	Ratio	Resp	Lower	Upper
96	100	160322		
61	147.3	0.0	294.2	
98	63.8	0.0	127.4	

Instrument :
MSVOA_X
ClientSampleId :
HW-7MSD

Manual Integrations
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4/30/2020 2:11:49 PM



#28

Bromochloromethane

Concen: 48.154 ug/l

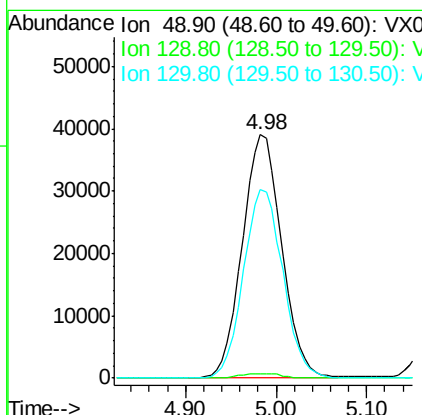
RT: 4.98 min Scan# 639

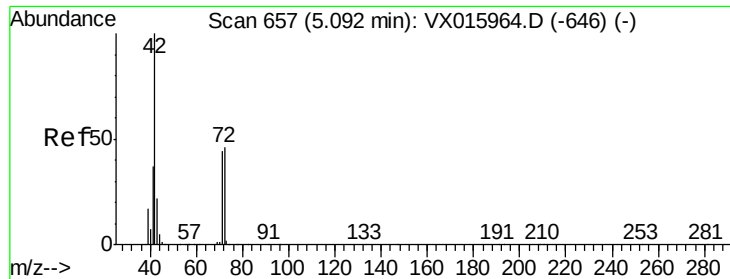
Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	117573		
129	2.0	0.0	4.6	
130	77.5	63.9	95.9	





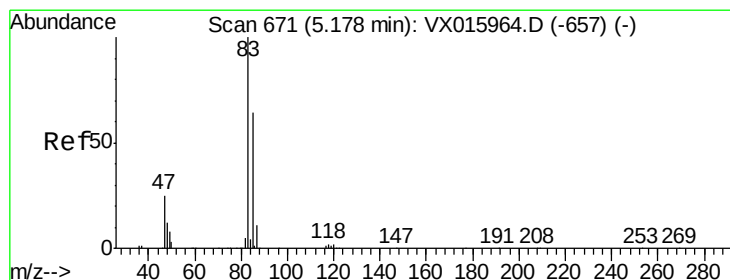
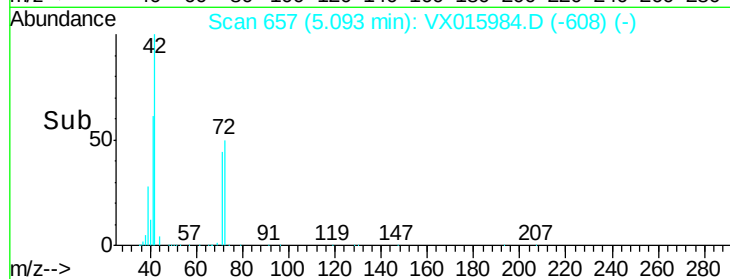
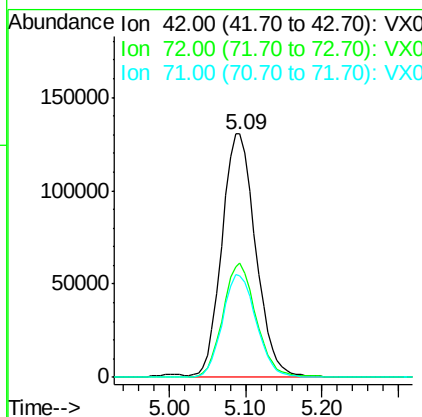
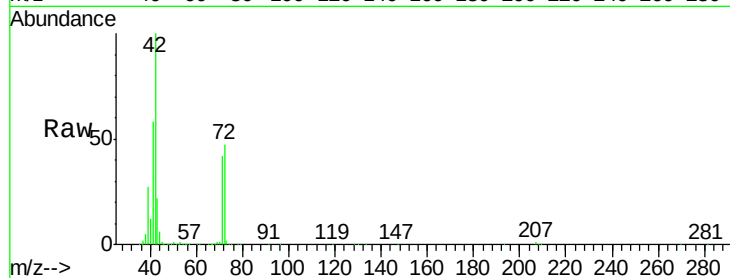
#29
Tetrahydrofuran
Concen: 250.913 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Instrument :
MSVOA_X
ClientSampleId :
HW-7MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	37.4	56.0
71	42.3	34.6	52.0

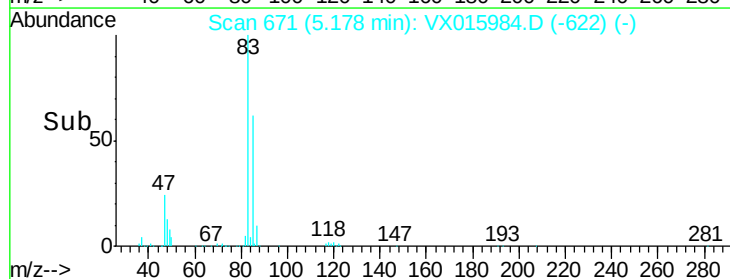
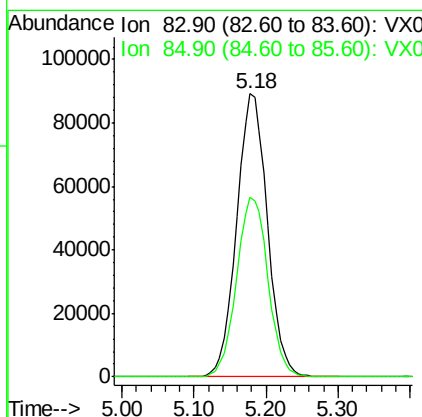
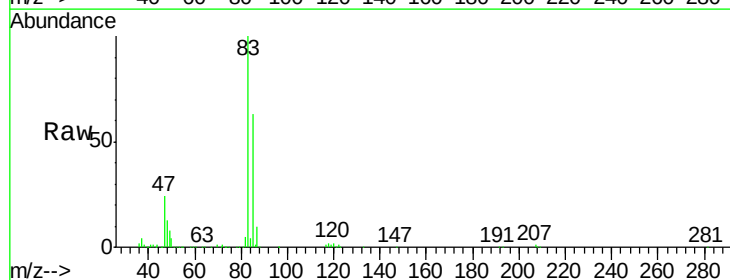
Manual Integrations
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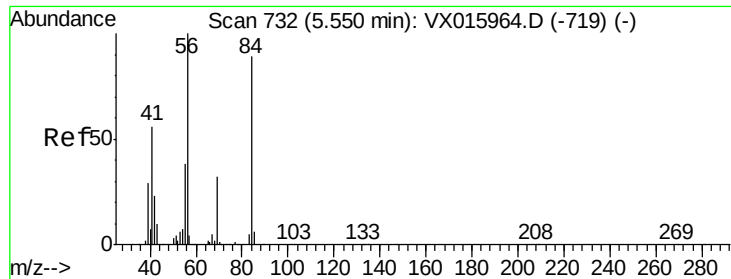
MMDadoda
4/30/2020 2:11:49 PM



#30
Chloroform
Concen: 50.330 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.0	76.4





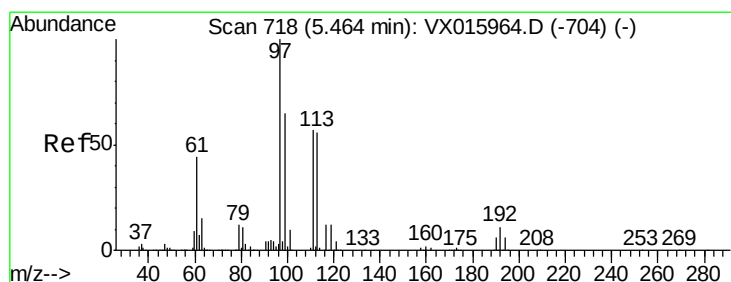
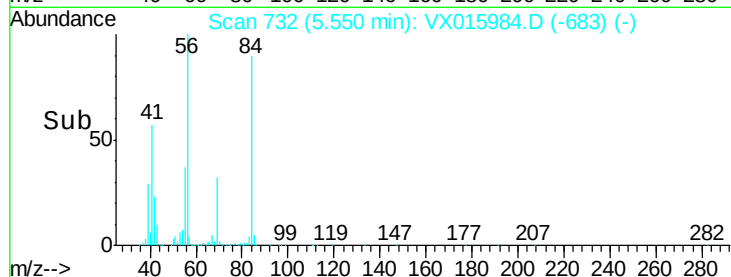
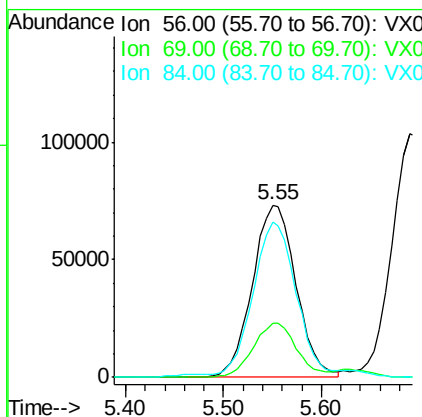
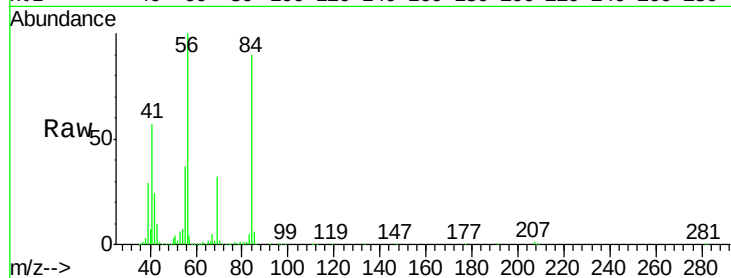
#31
Cyclohexane
Concen: 50.434 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Instrument :
MSVOA_X
ClientSampleId :
HW-7MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.4	38.2
84	88.3	71.0	106.6

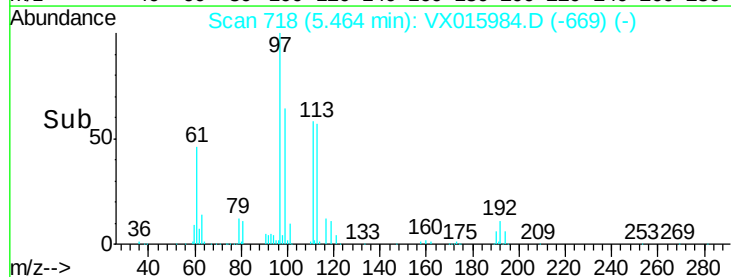
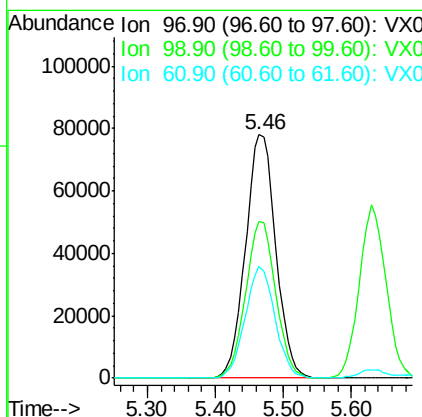
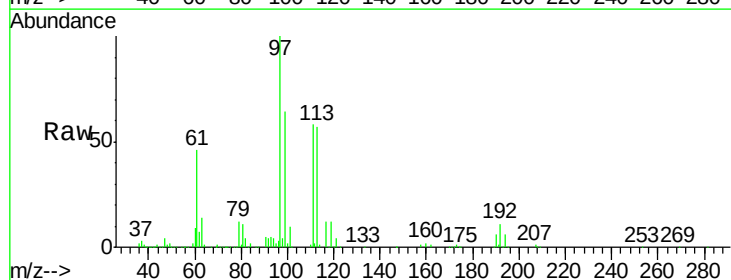
Manual Integrations
APPROVED

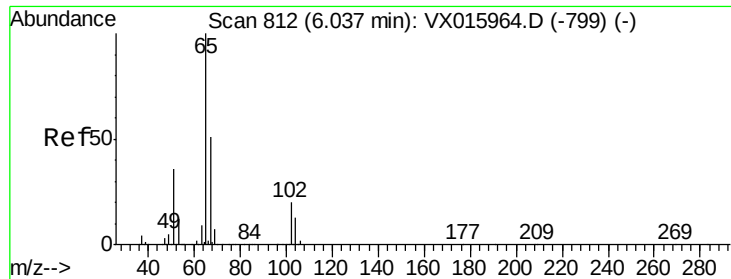
MMDadoda
4/30/2020 2:11:49 PM



#32
1,1,1-Trichloroethane
Concen: 50.172 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.4	77.0
61	45.0	35.7	53.5





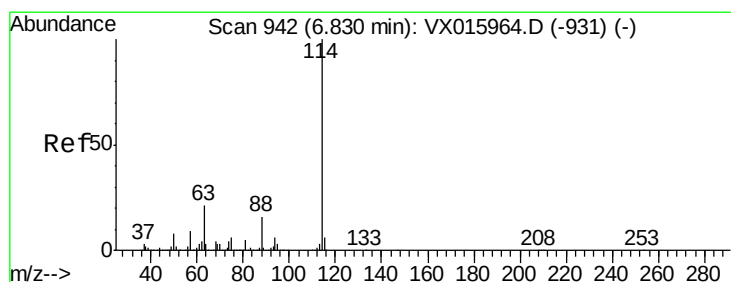
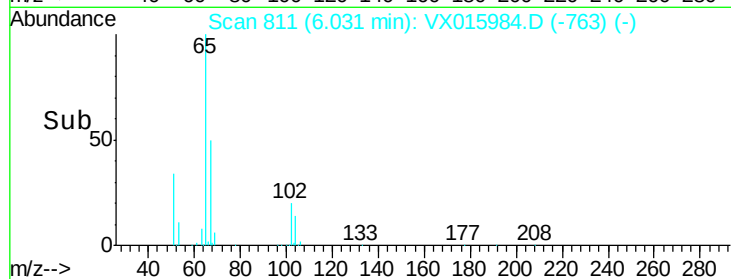
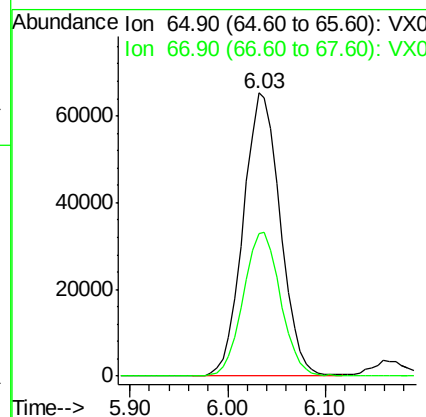
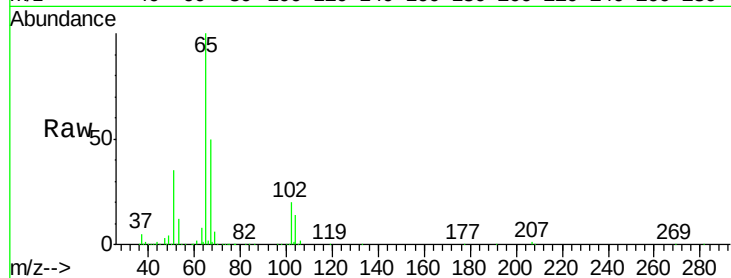
#33
 1,2-Dichloroethane-d4
 Concen: 49.115 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX015984.D
 Acq: 29 Apr 2020 17:56

Instrument :
 MSVOA_X
 ClientSampleId :
 HW-7MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.4

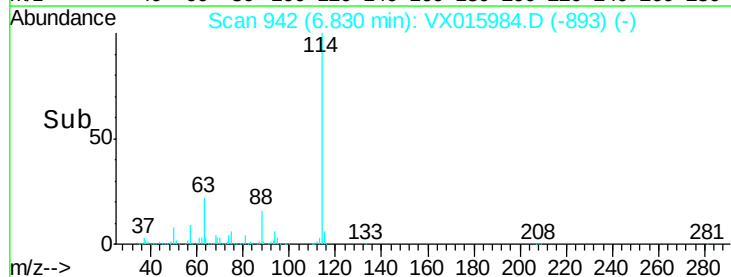
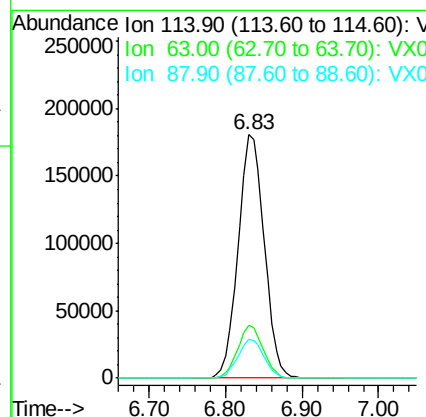
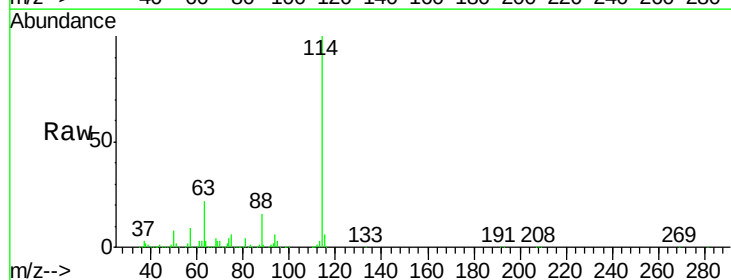
Manual Integrations
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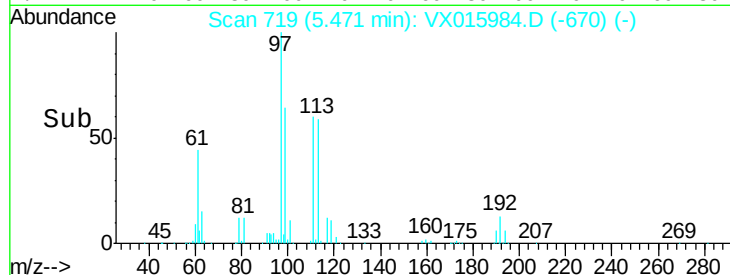
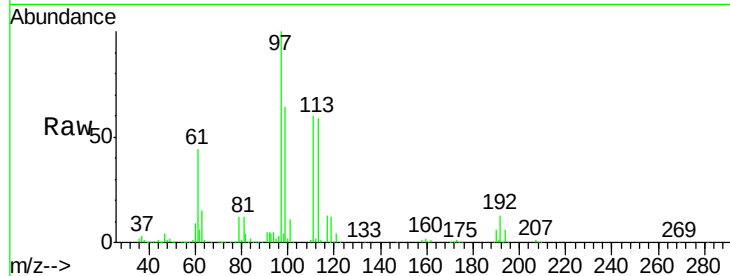
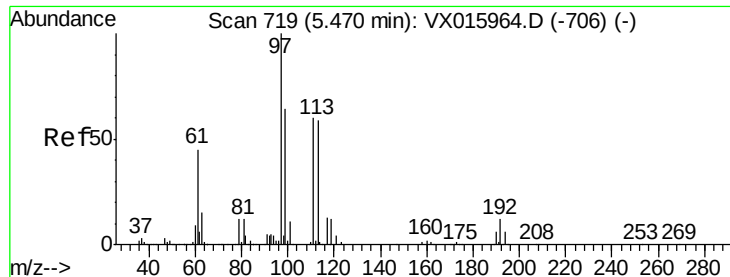
MMDadoda
 4/30/2020 2:11:49 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX015984.D
 Acq: 29 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	41.2
88	15.9	0.0	31.8





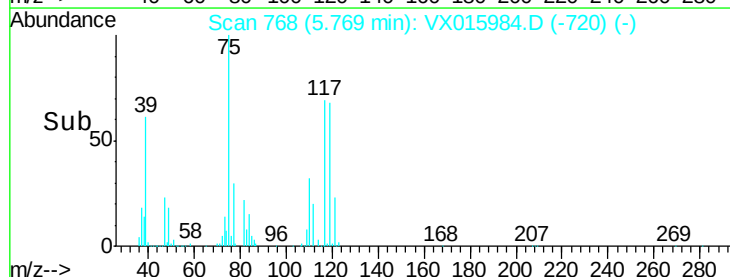
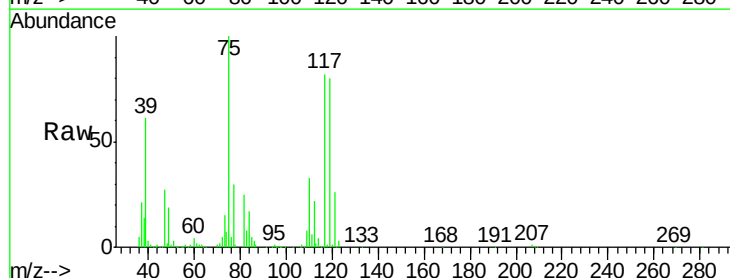
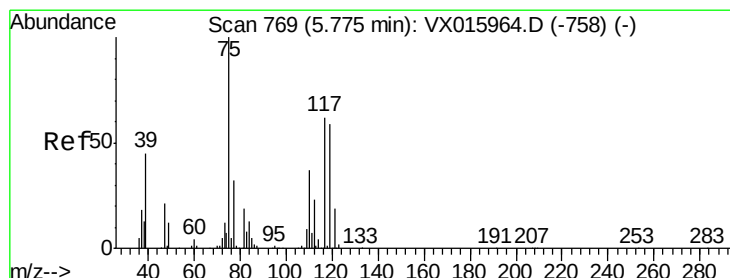
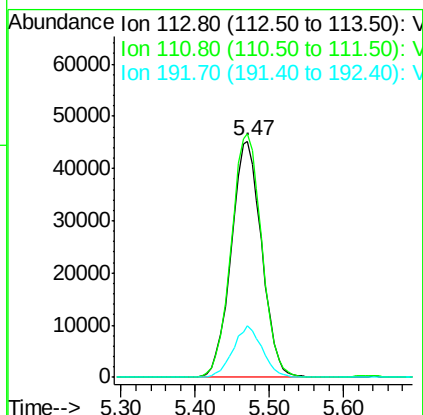
#35
Dibromofluoromethane
Concen: 48.636 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Tot Ion	Ratio	Resp	Lower	Upper
113	100	129323		
111	103.6	81.8	122.8	
192	21.0	16.8	25.2	

Instrument :
MSVOA_X
ClientSampleId :
HW-7MSD

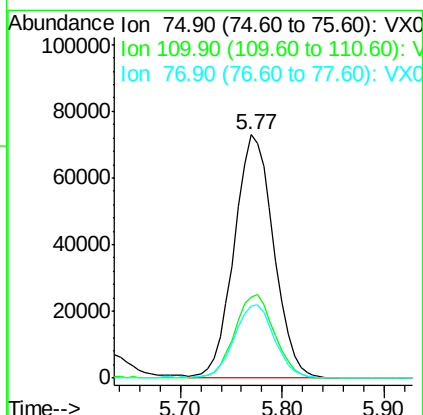
Manual Integrations
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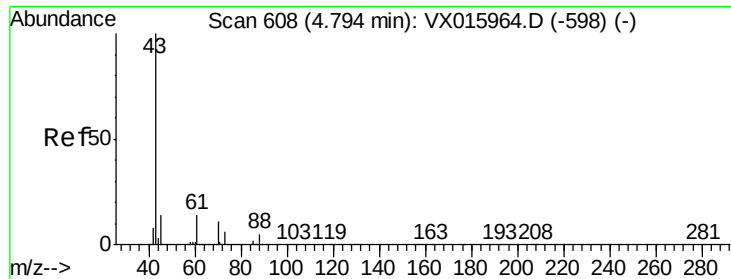
MMDadoda
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#36
1,1-Dichloropropene
Concen: 48.083 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	195205		
110	34.8	17.9	53.7	
77	30.8	25.2	37.8	





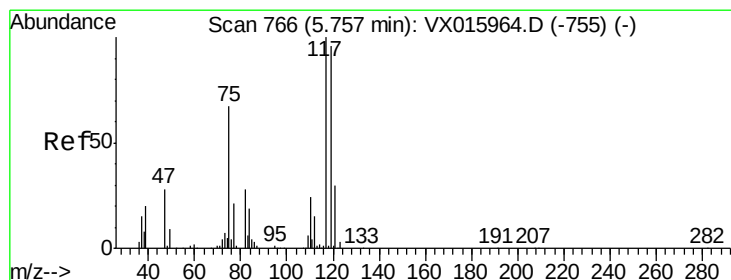
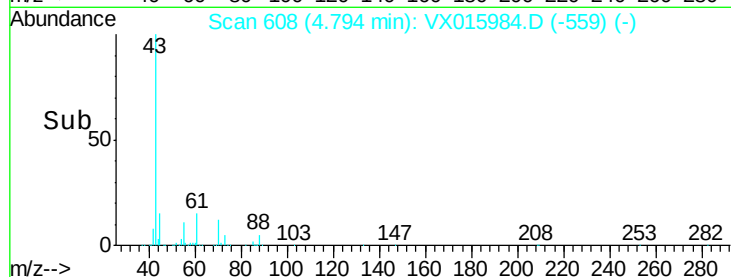
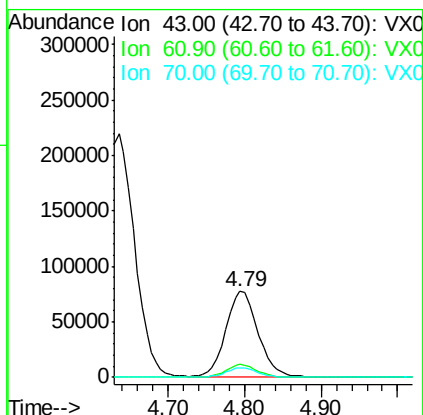
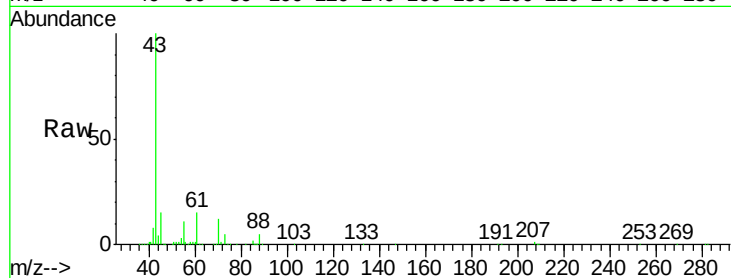
#37
Ethyl Acetate
Concen: 48.328 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Instrument :
MSVOA_X
ClientSampleId :
HW-7MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.6	17.4
70	11.1	8.9	13.3

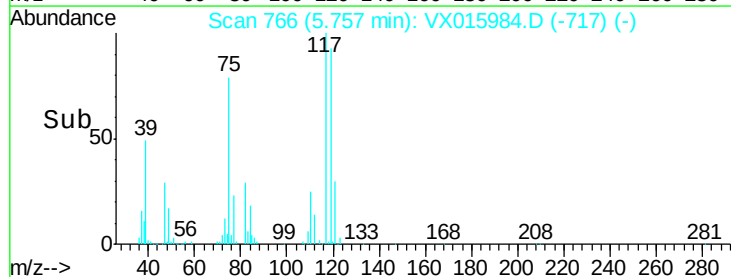
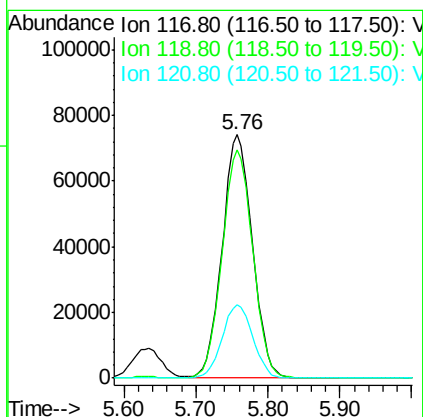
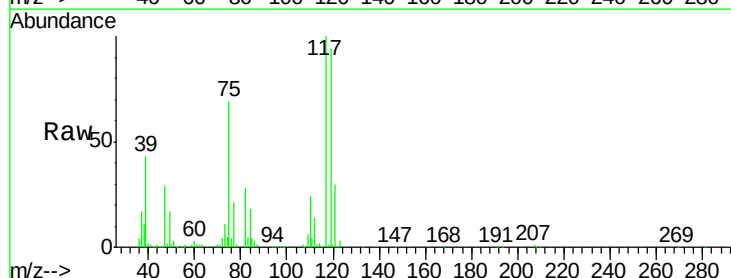
Manual Integrations
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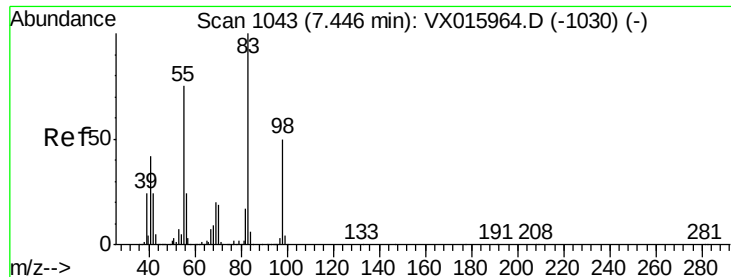
MMDadoda
4/30/2020 2:11:49 PM



#38
Carbon Tetrachloride
Concen: 50.342 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.2	114.4
121	30.3	24.2	36.4





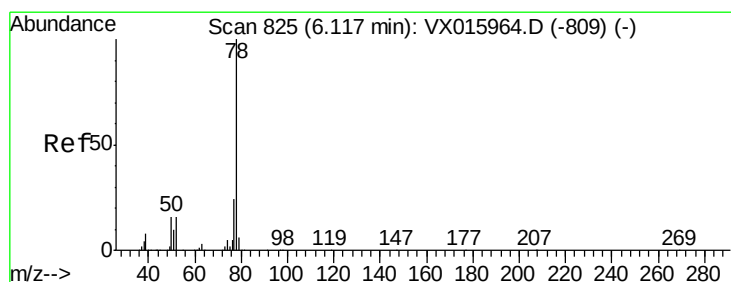
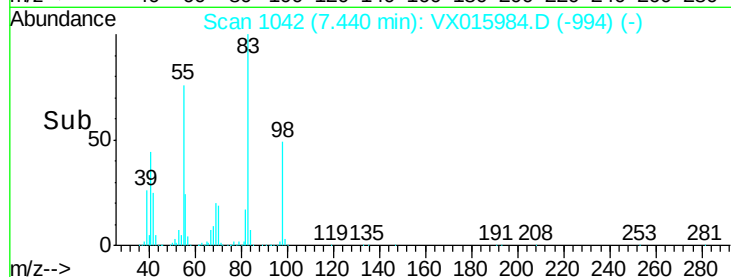
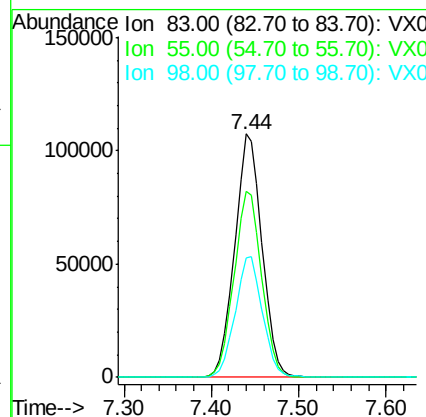
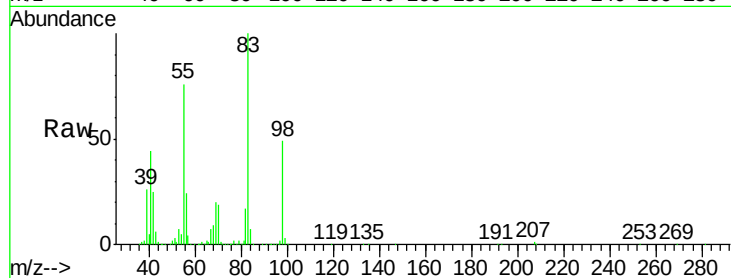
#39
Methylvlcyclohexane
Concen: 49.746 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Instrument :
MSVOA_X
ClientSampleId :
HW-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	233605		
55	76.3		59.9	89.9
98	48.9		39.9	59.9

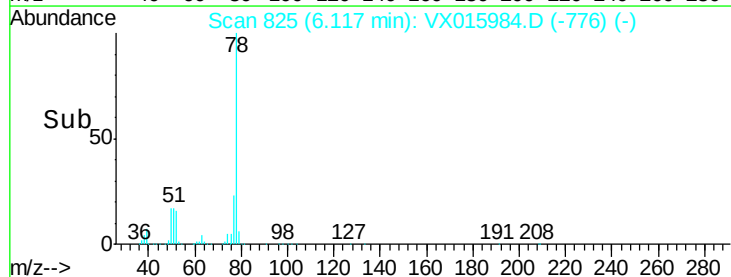
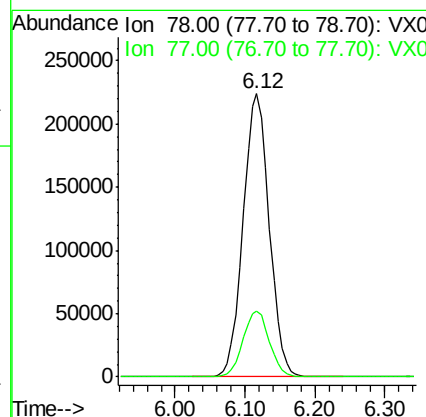
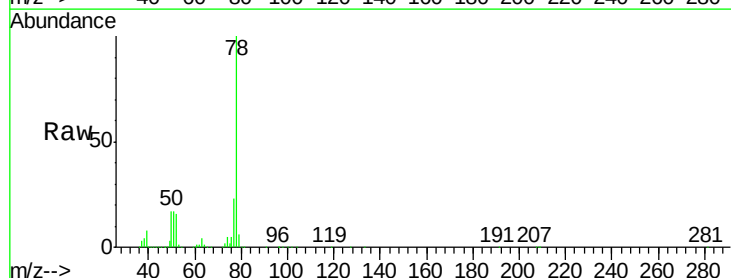
Manual Integrations
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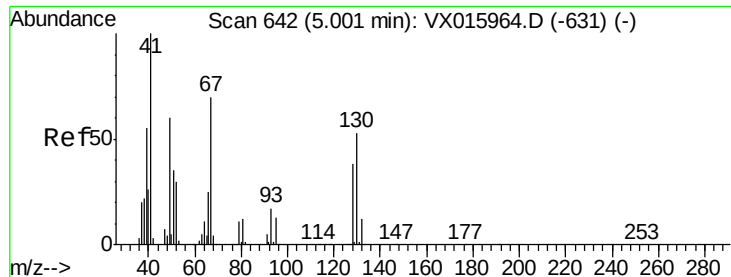
MMDadoda
4/30/2020 2:11:49 PM



#40
Benzene
Concen: 49.937 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	578450		
77	23.2		18.8	28.2





#41

Methacrylonitrile

Concen: 50.911 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Instrument :

MSVOA_X

ClientSampleId :

HW-7MSD

Tot Ion: 41 Resp: 126862

Ion Ratio Lower Upper

41 100

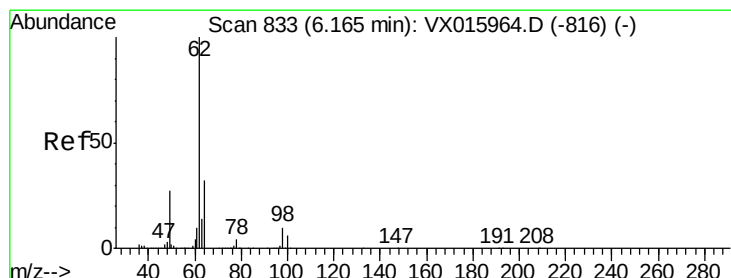
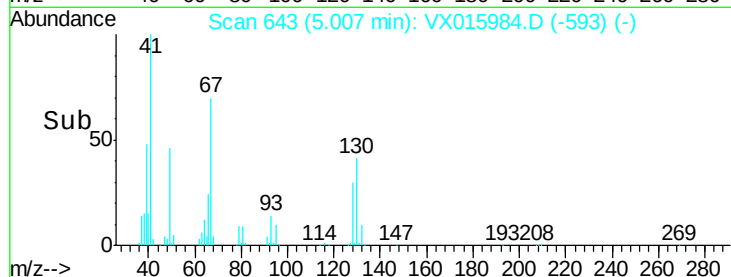
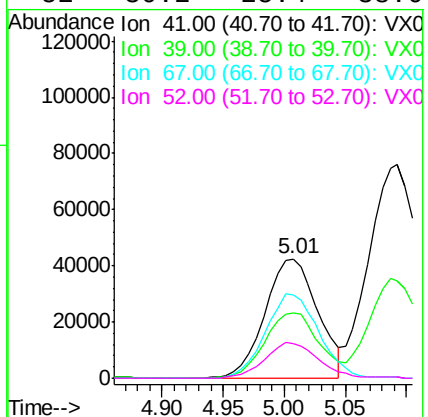
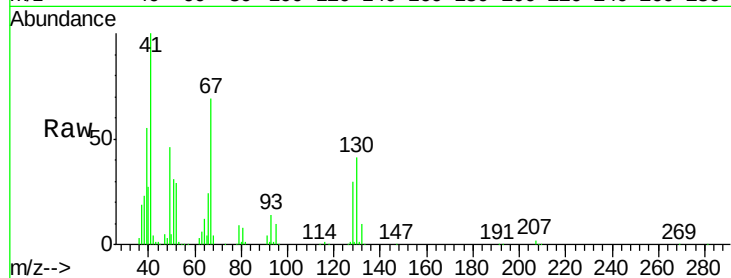
39 57.2 45.2 67.8

67 72.1 59.4 89.2

52 30.2 25.4 38.0

Manual Integrations
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4/30/2020 2:11:49 PM



#42

1,2-Dichloroethane

Concen: 49.780 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX015984.D

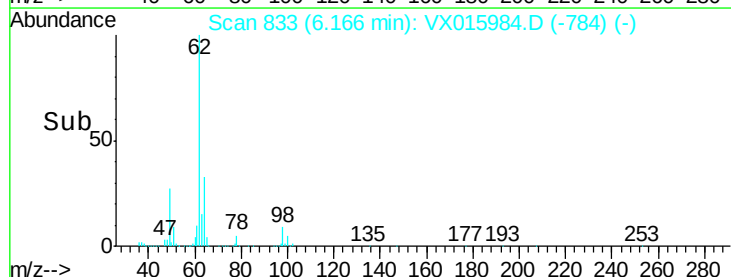
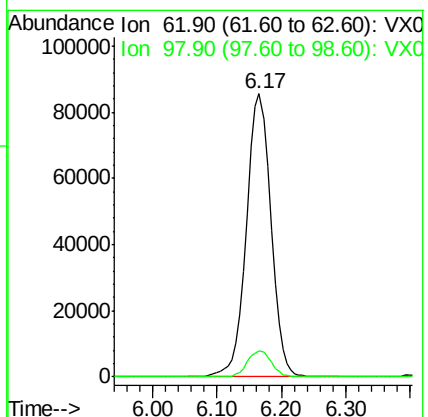
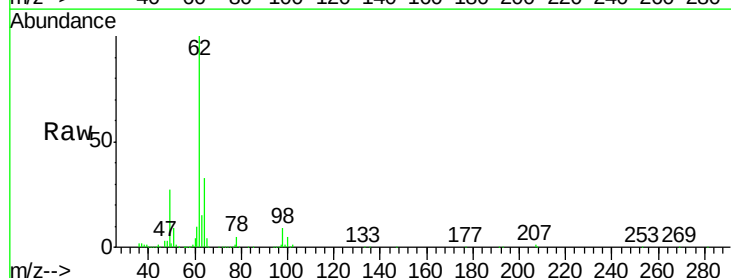
Acq: 29 Apr 2020 17:56

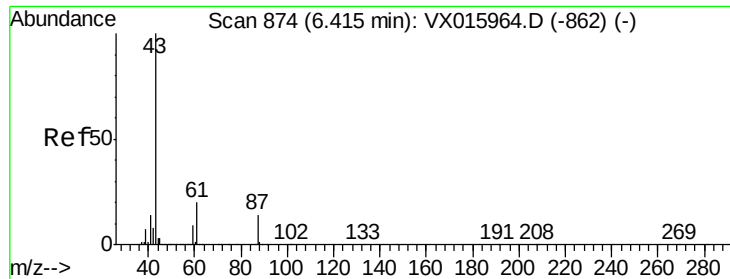
Tgt Ion: 62 Resp: 223428

Ion Ratio Lower Upper

62 100

98 9.0 0.0 18.4





#43

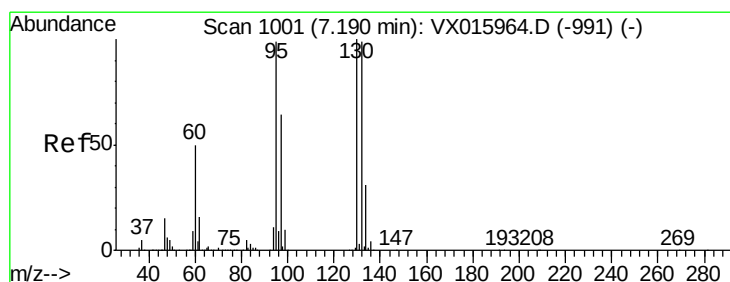
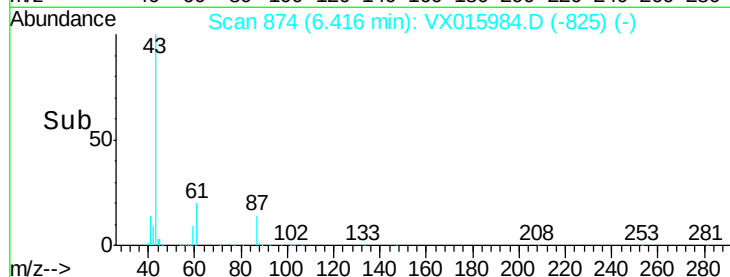
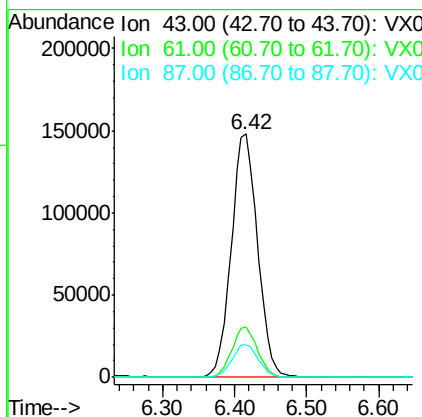
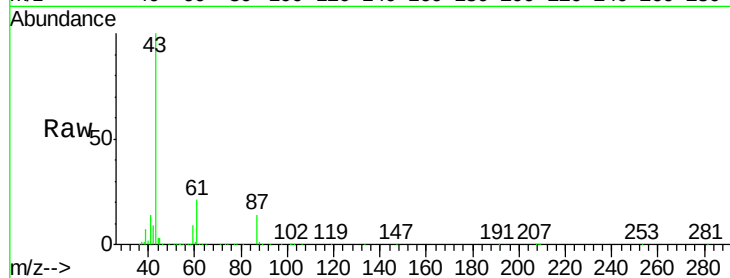
Isopropyl Acetate
 Concen: 48.397 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX015984.D
 Acq: 29 Apr 2020 17:56

Instrument :
 MSVOA_X
 ClientSampleId :
 HW-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
43	100	373086		
61	20.4		16.1	24.1
87	13.5		10.9	16.3

Manual Integrations
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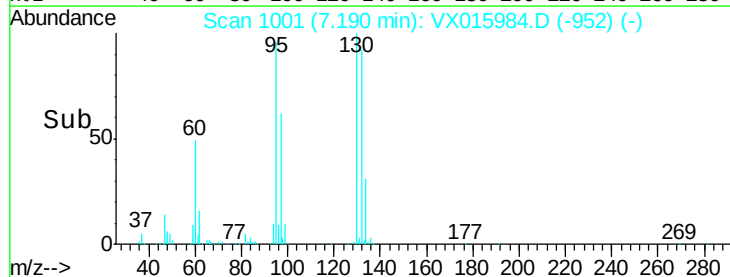
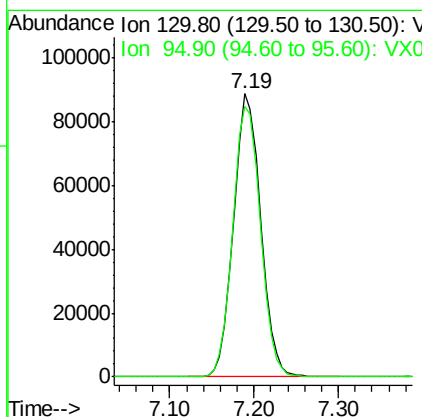
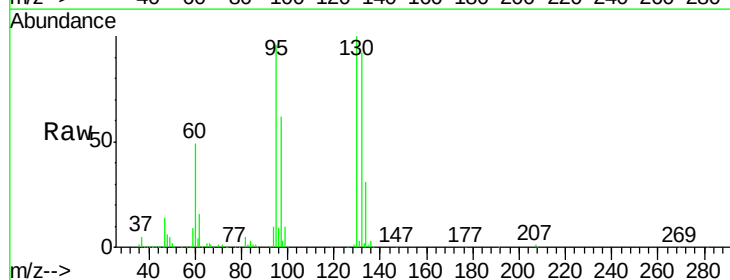
MMDadoda
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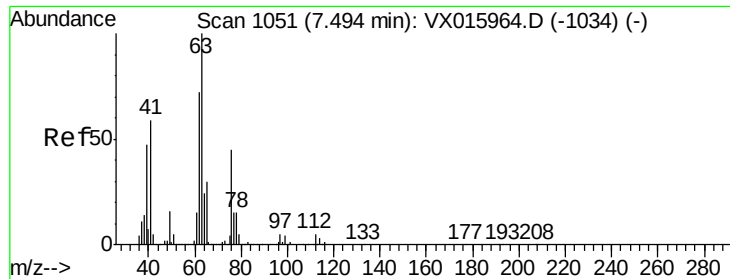


#44

Trichloroethene
 Concen: 46.304 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX015984.D
 Acq: 29 Apr 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	193332		
95	95.5		0.0	197.4





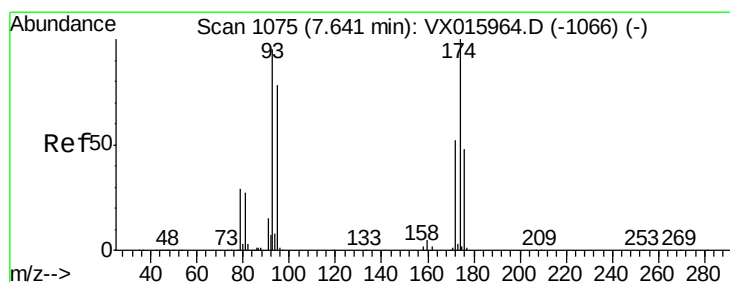
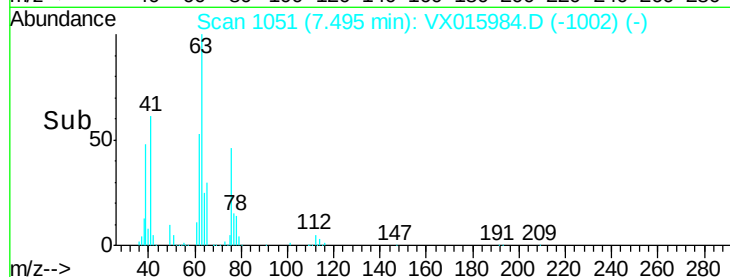
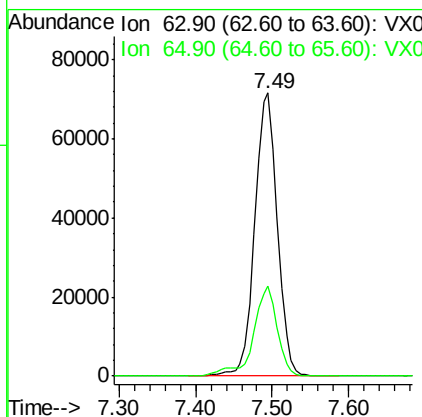
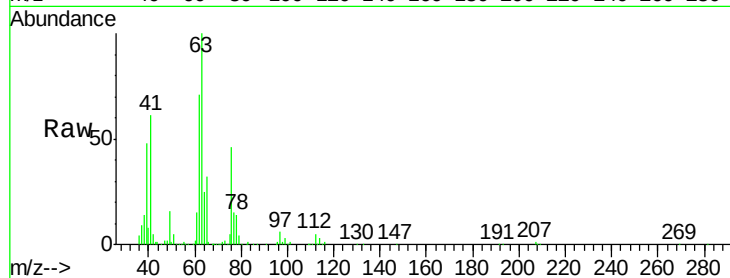
#45
 1,2-Dichloropropane
 Concen: 49.396 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX015984.D
 Acq: 29 Apr 2020 17:56

Instrument :
 MSVOA_X
 ClientSampleId :
 HW-7MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	24.3	36.5

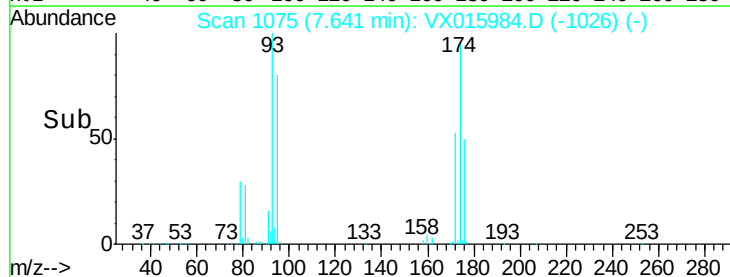
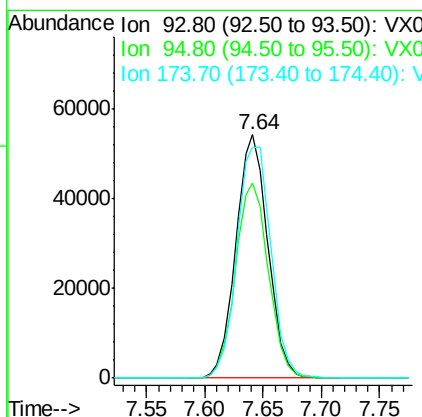
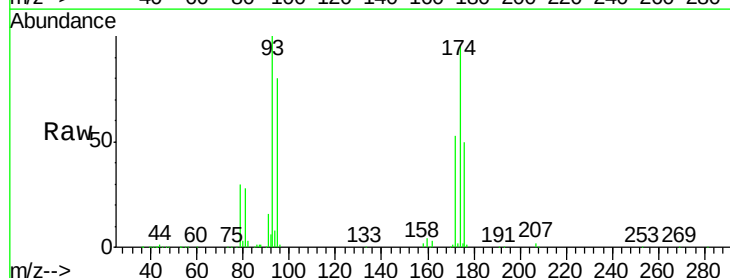
Manual Integrations
 APPROVED

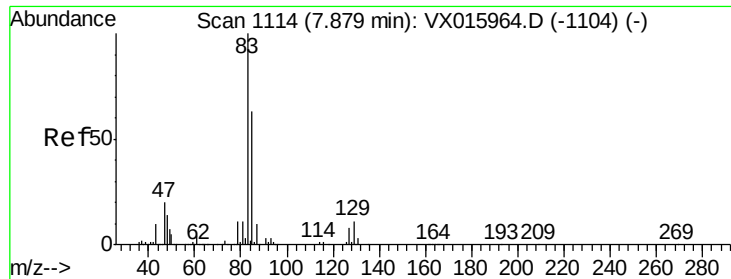
MMDadoda
 4/30/2020 2:11:49 PM



#46
 Dibromomethane
 Concen: 49.024 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX015984.D
 Acq: 29 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.5	98.3
174	101.6	82.7	124.1





#47

Bromodichloromethane

Concen: 50.940 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Instrument :

MSVOA_X

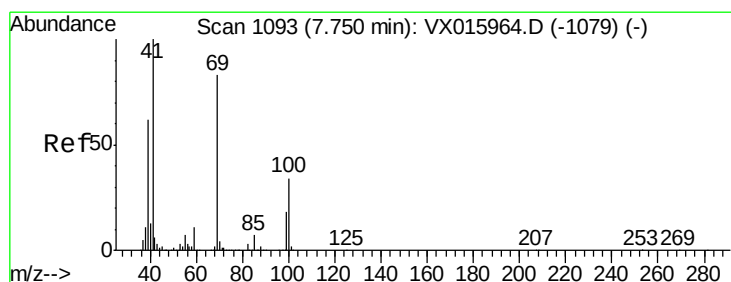
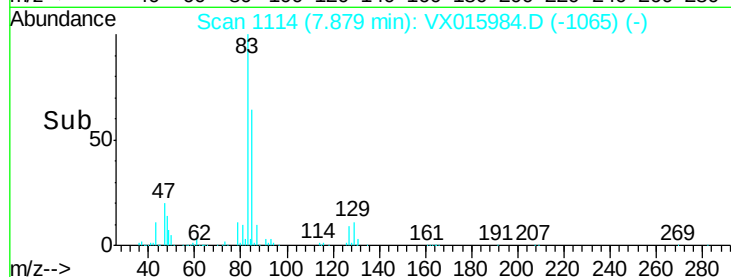
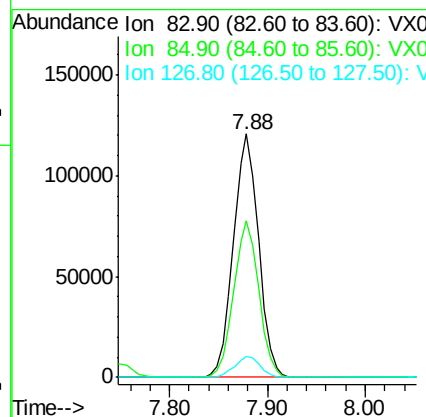
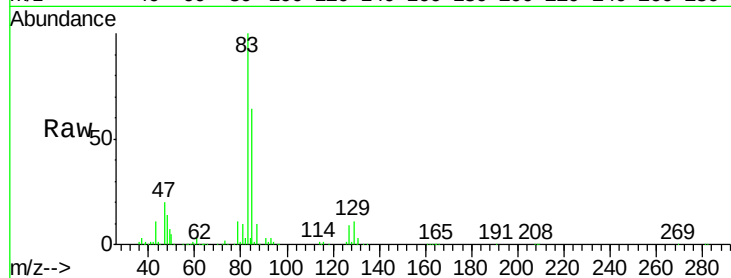
ClientSampleId :

HW-7MSD

Tot Ion:	83	Resp:	215335
Ion Ratio	Lower	Upper	
83	100		
85	64.4	50.6	75.8
127	8.7	6.7	10.1

Manual Integrations
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MMDadoda
4/30/2020 2:11:49 PM



#48

Methyl methacrylate

Concen: 51.498 ug/l

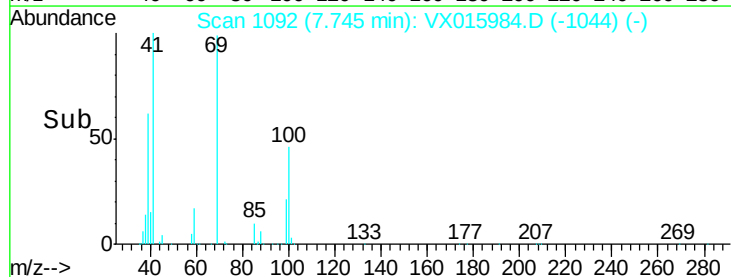
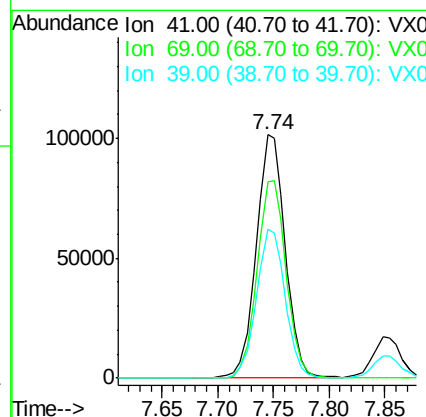
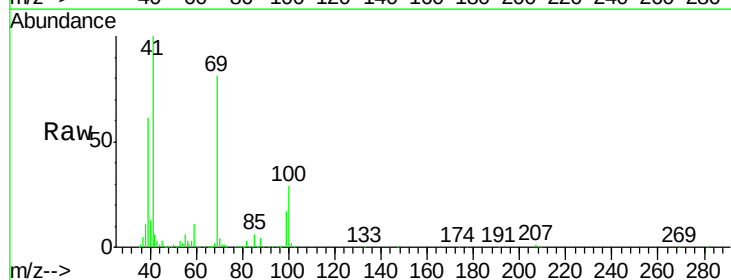
RT: 7.74 min Scan# 1092

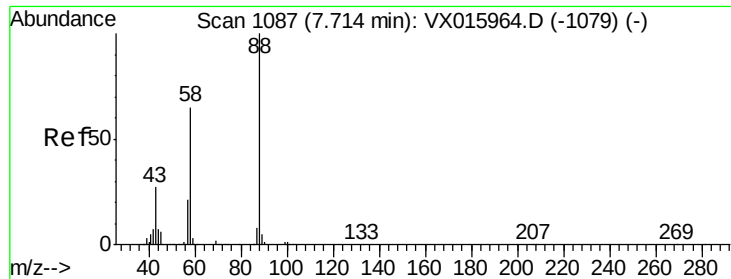
Delta R.T. -0.01 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Tgt Ion:	41	Resp:	183292
Ion Ratio	Lower	Upper	
41	100		
69	81.9	66.0	99.0
39	61.0	49.0	73.4





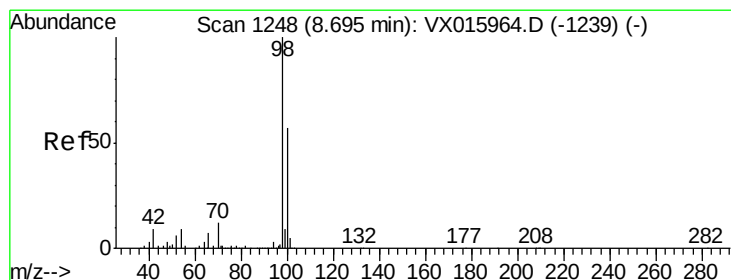
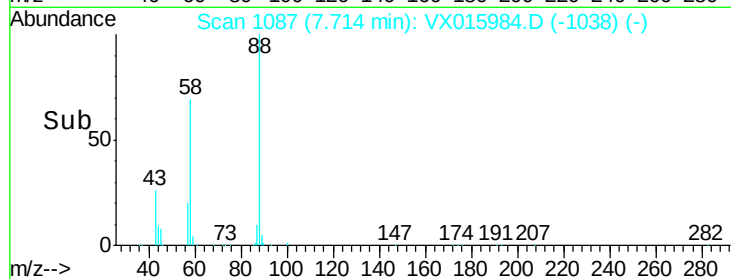
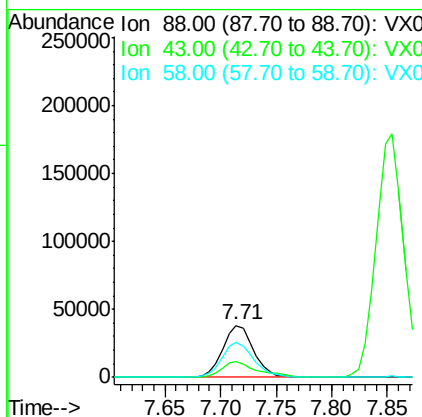
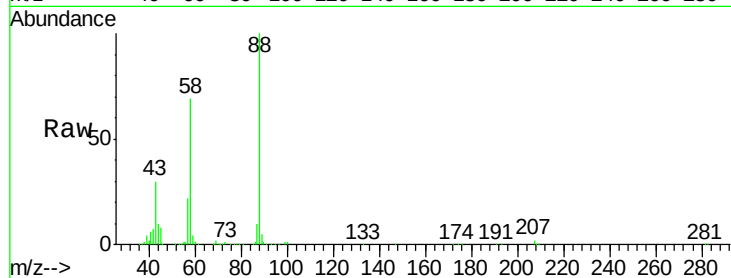
#49
1,4-Dioxane
Concen: 871.793 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Instrument :
MSVOA_X
ClientSampleId :
HW-7MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.3	26.6	39.8
58	70.4	54.8	82.2

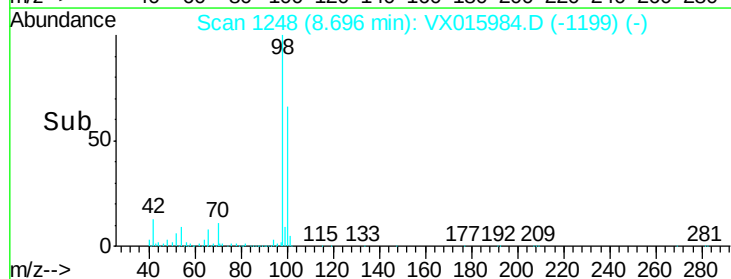
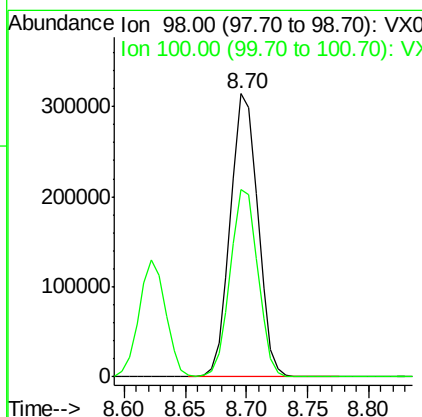
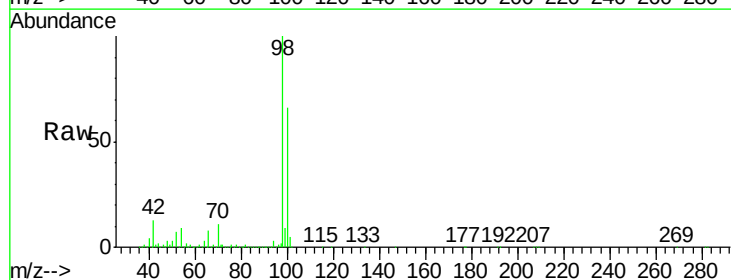
Manual Integrations
APPROVED

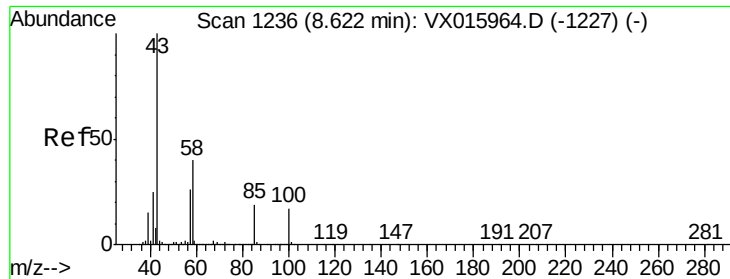
MMDadoda
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#50
Toluene-d8
Concen: 49.203 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.1	79.7





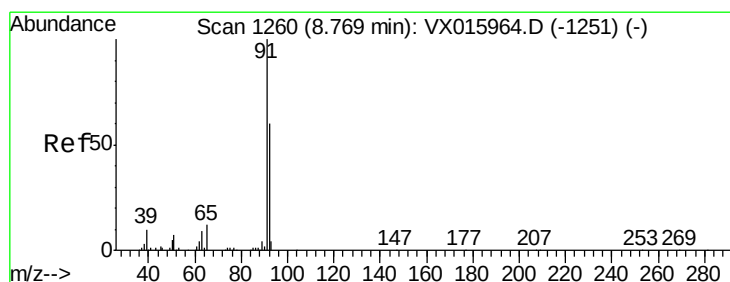
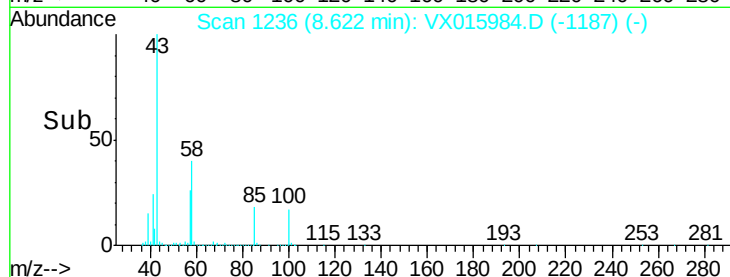
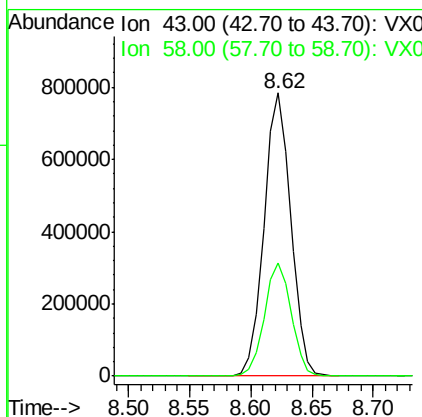
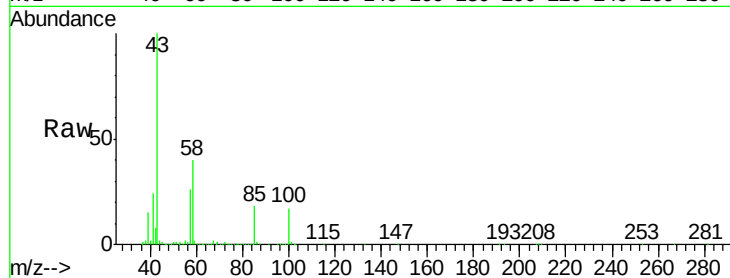
#51
4-Methyl-2-Pentanone
Concen: 255.557 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Instrument :
MSVOA_X
ClientSampleId :
HW-7MSD

Tot Ion: 43 Resp: 1194963
Ion Ratio Lower Upper
43 100
58 40.1 32.0 48.0

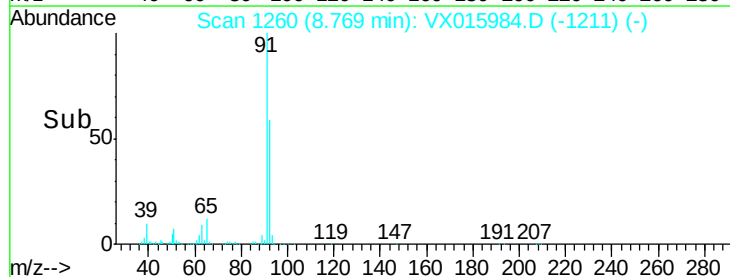
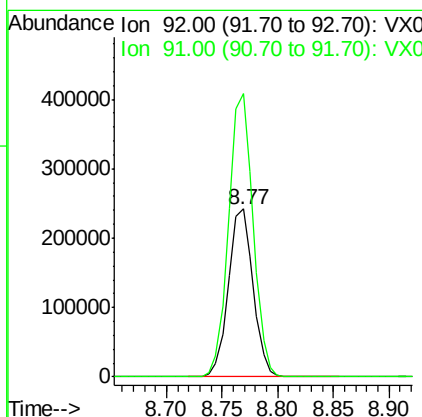
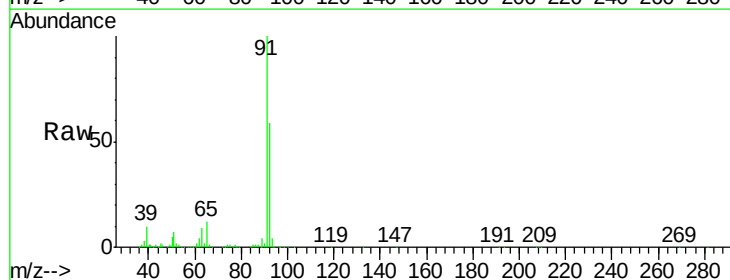
Manual Integrations
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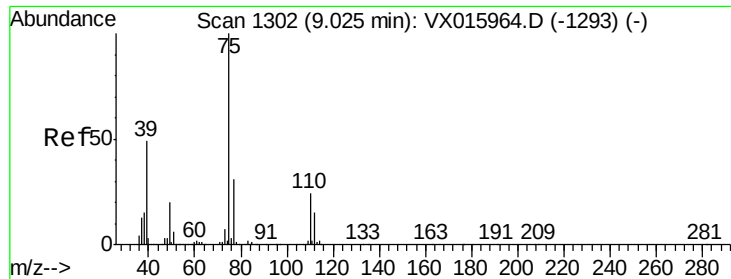
MMDadoda
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#52
Toluene
Concen: 50.218 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Tgt Ion: 92 Resp: 369245
Ion Ratio Lower Upper
92 100
91 167.9 134.6 202.0





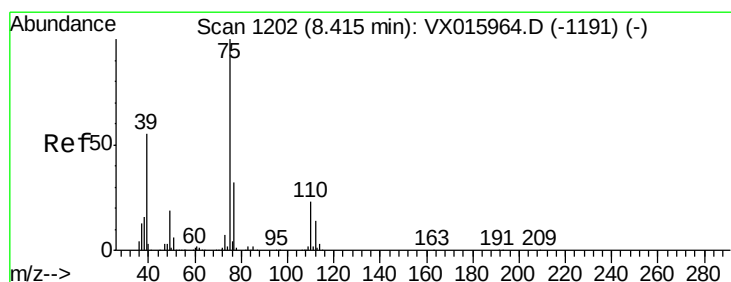
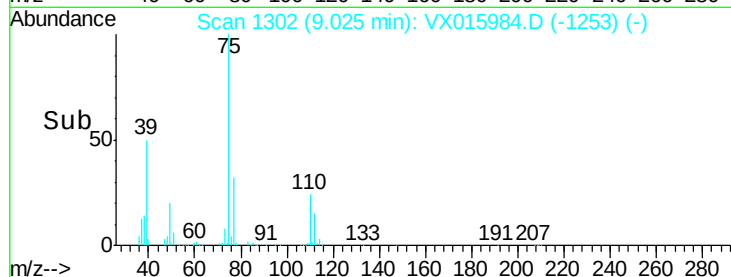
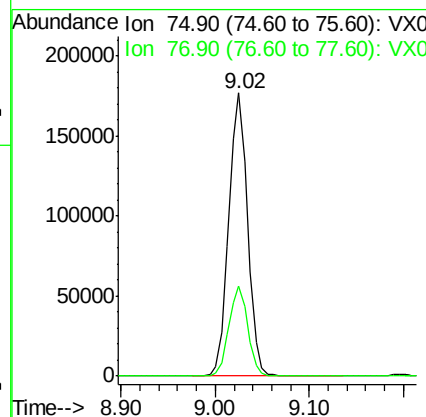
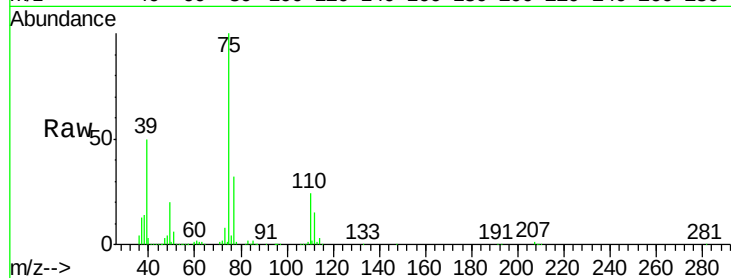
#53
 t-1,3-Dichloropropene
 Concen: 48.986 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX015984.D
 Acq: 29 Apr 2020 17:56

Instrument :
 MSVOA_X
 ClientSampled :
 HW-7MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.9	37.3

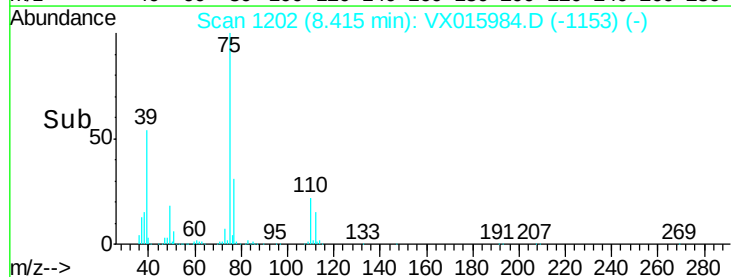
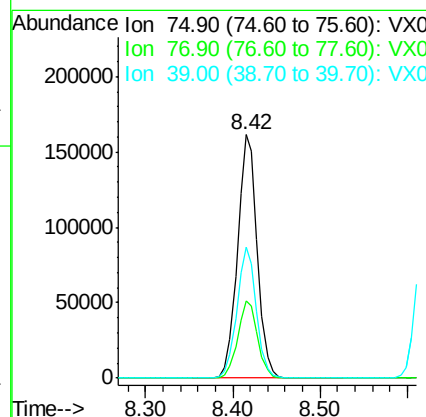
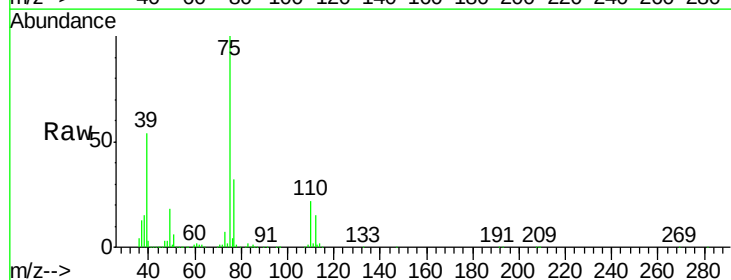
Manual Integrations
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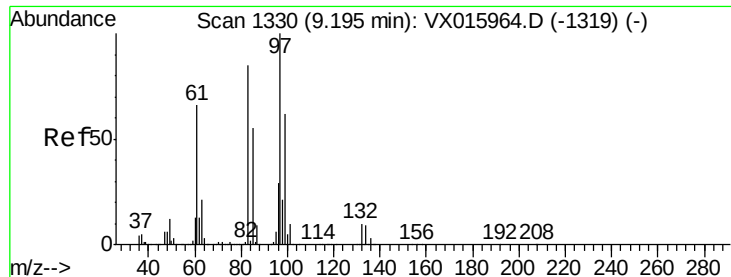
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 49.165 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX015984.D
 Acq: 29 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.0
39	53.5	44.1	66.1





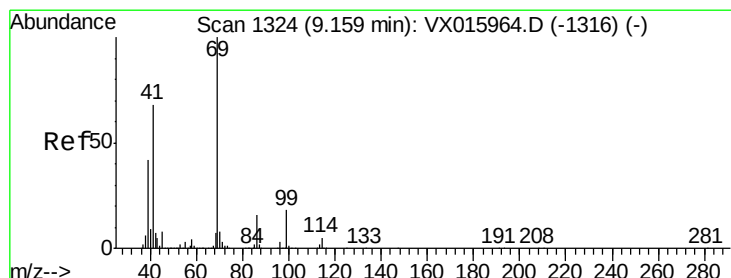
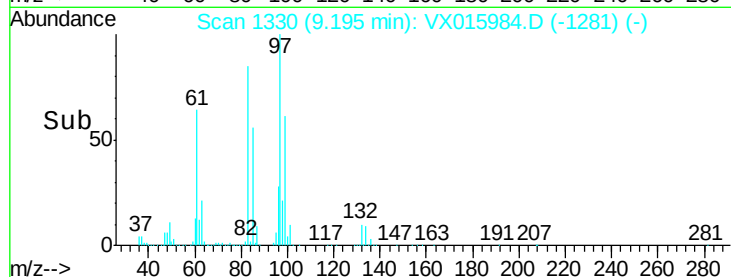
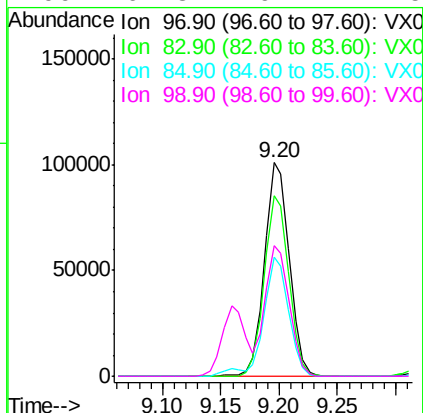
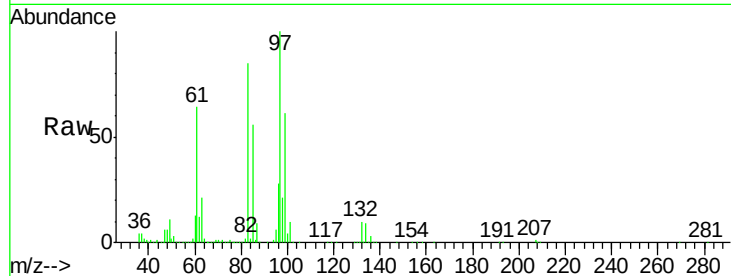
#55
 1,1,2-Trichloroethane
 Concen: 50.351 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX015984.D
 Acq: 29 Apr 2020 17:56

Instrument :
 MSVOA_X
 ClientSampled :
 HW-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		147953		
83	84.6	68.2	102.2		
85	55.9	43.7	65.5		
99	61.3	49.7	74.5		

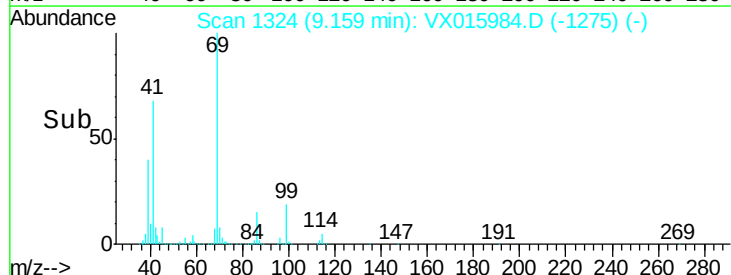
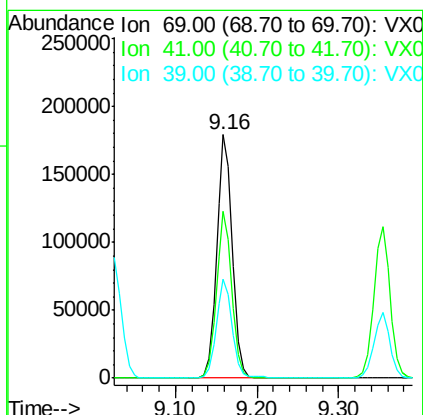
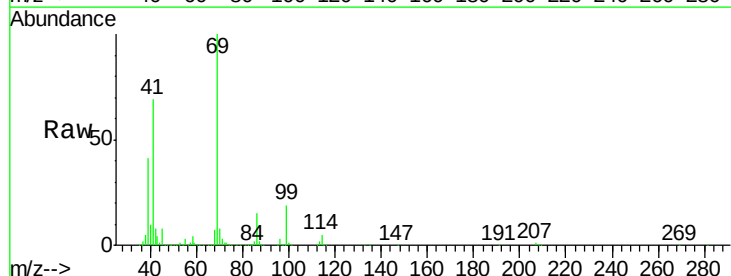
Manual Integrations
 APPROVED

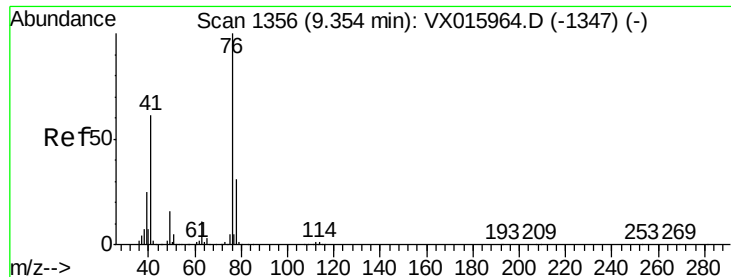
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#56
 Ethyl methacrylate
 Concen: 50.333 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX015984.D
 Acq: 29 Apr 2020 17:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		240489		
41	67.5	53.5	80.3		
39	40.9	33.4	50.0		





#57

1,3-Dichloropropane

Concen: 50.134 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Instrument :

MSVOA_X

ClientSampleId :

HW-7MSD

Tot Ion: 76 Resp: 253116

Ion Ratio Lower Upper

76 100

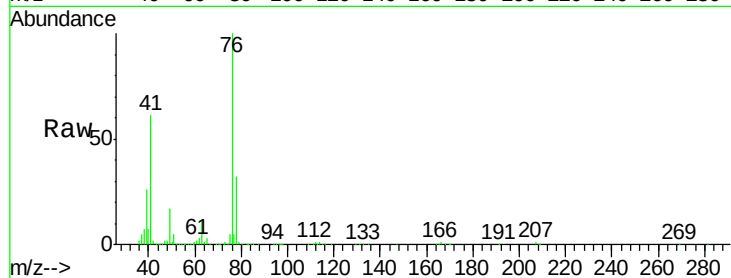
78 32.6 25.5 38.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

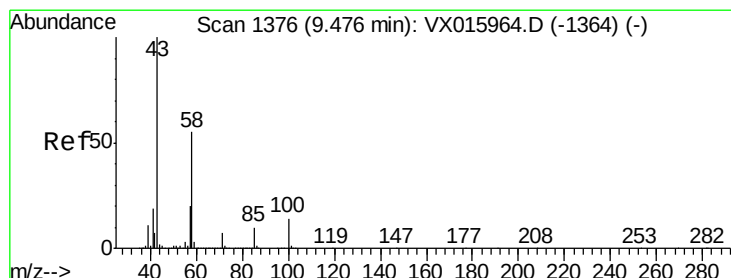
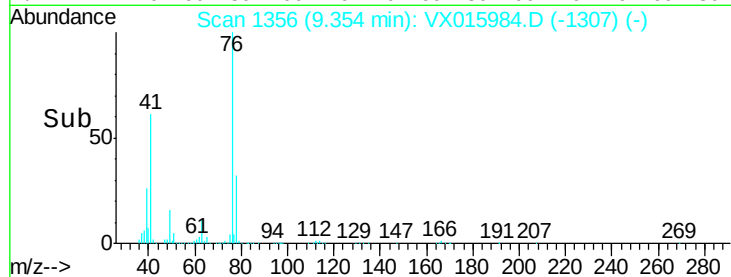
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 254.406 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.00 min

Lab File: VX015984.D

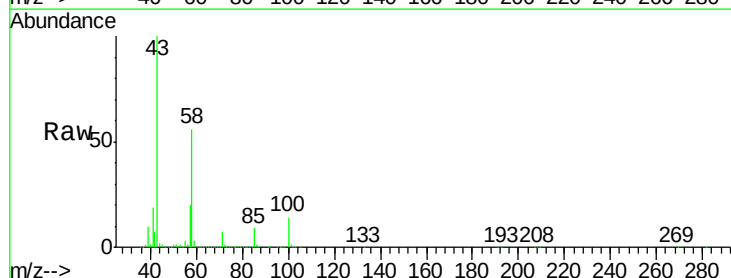
Acq: 29 Apr 2020 17:56

Tgt Ion: 43 Resp: 929664

Ion Ratio Lower Upper

43 100

58 55.4 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

800000

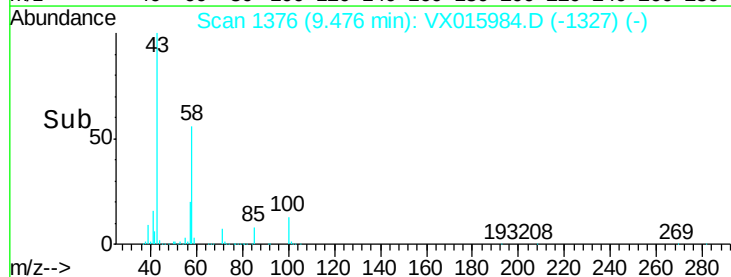
600000

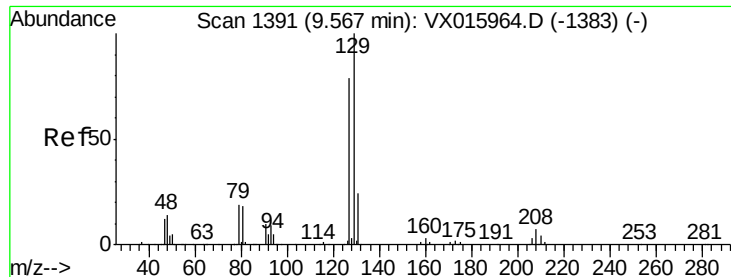
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 51.046 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Instrument :

MSVOA_X

ClientSampleId :

HW-7MSD

Tot Ion:129 Resp: 167885

Ion Ratio Lower Upper

129 100

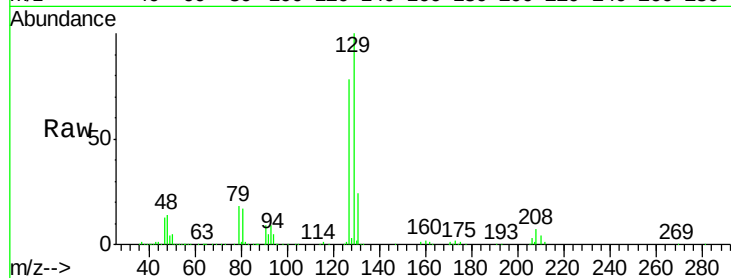
127 77.8 39.4 118.1

Manual Integrations

APPROVED

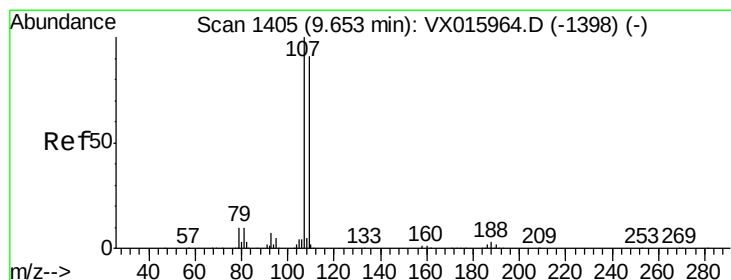
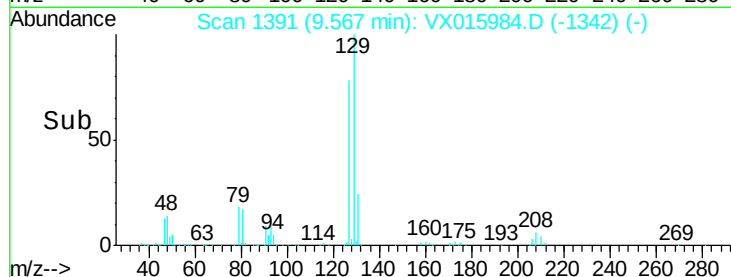
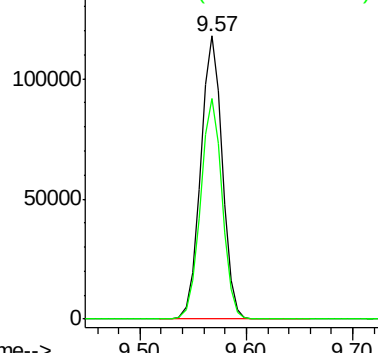
MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.426 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX015984.D

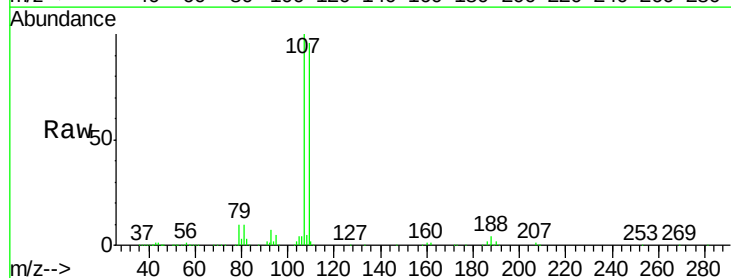
Acq: 29 Apr 2020 17:56

Tgt Ion:107 Resp: 160679

Ion Ratio Lower Upper

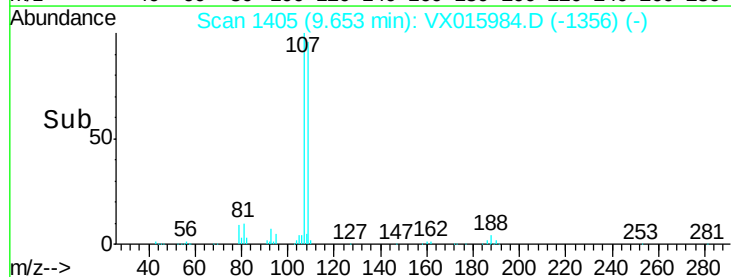
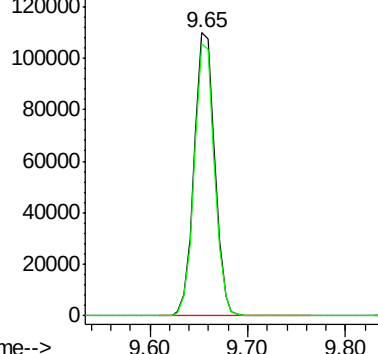
107 100

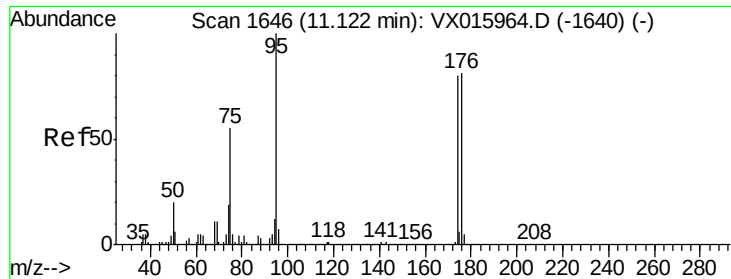
109 94.5 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.676 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Instrument :

MSVOA_X

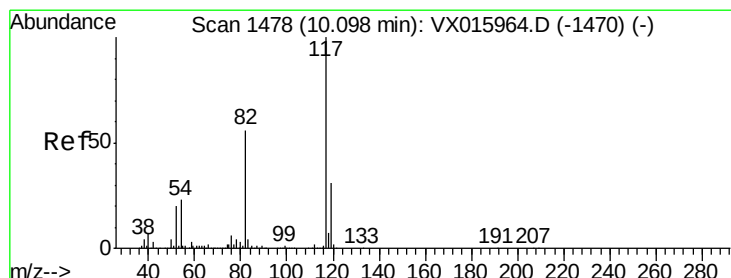
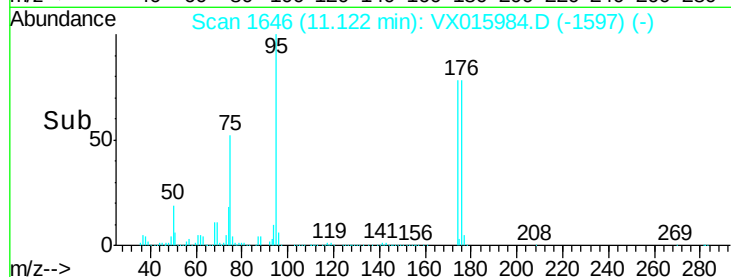
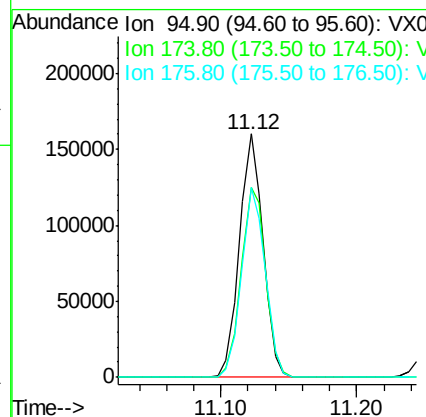
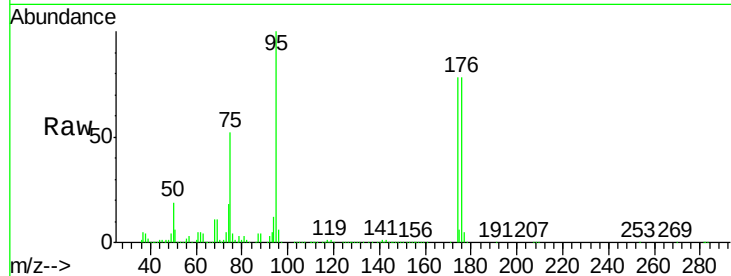
ClientSampleId :

HW-7MSD

Tot Ion:	95	Resp:	193699
Ion Ratio	Lower	Upper	
95	100		
174	80.9	0.0	165.0
176	78.3	0.0	163.2

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

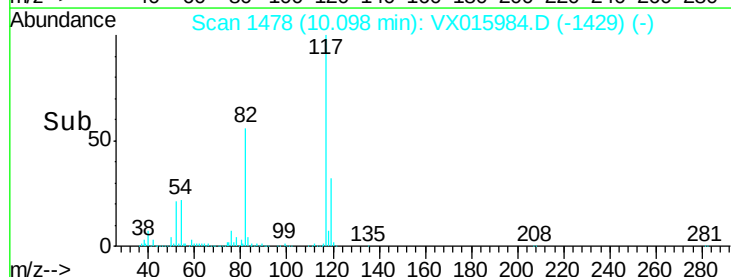
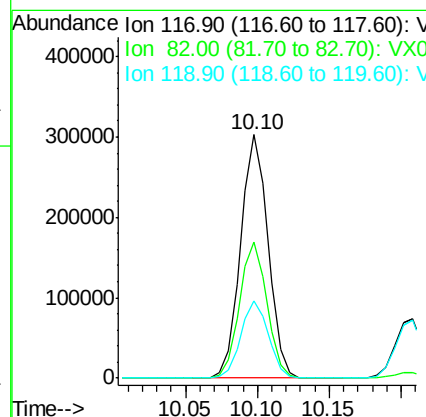
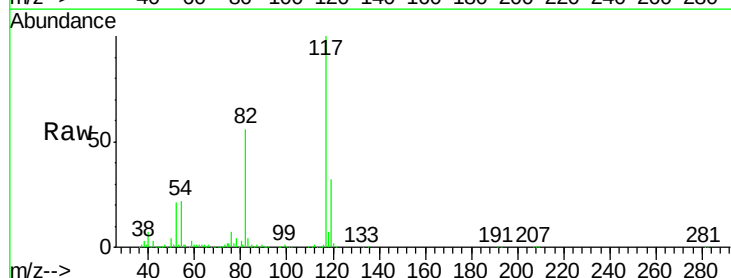
RT: 10.10 min Scan# 1478

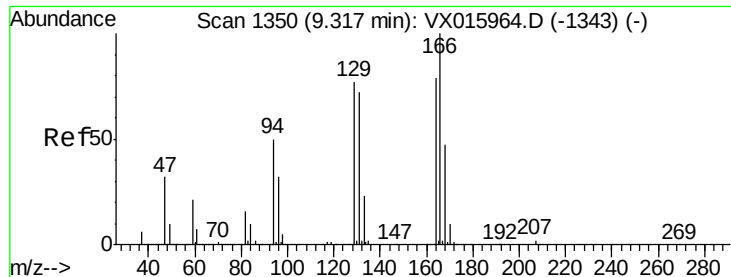
Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Tgt Ion:	117	Resp:	403377
Ion Ratio	Lower	Upper	
117	100		
82	56.1	44.5	66.7
119	31.8	25.0	37.6





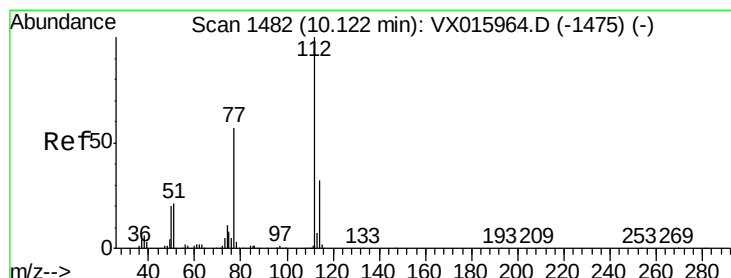
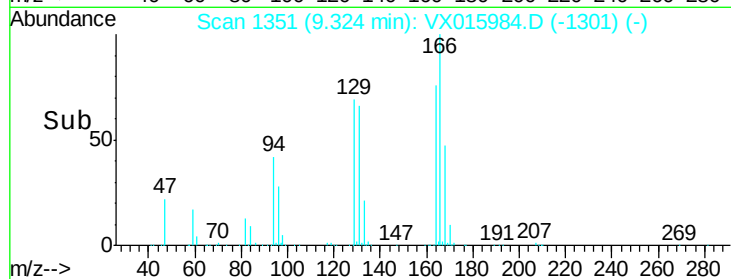
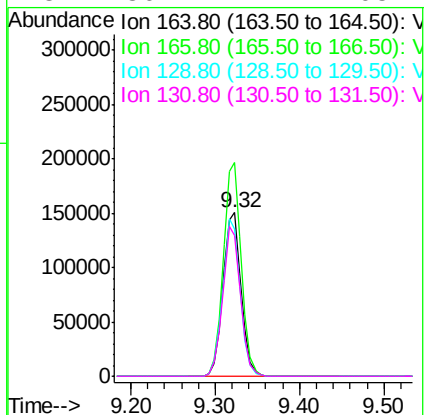
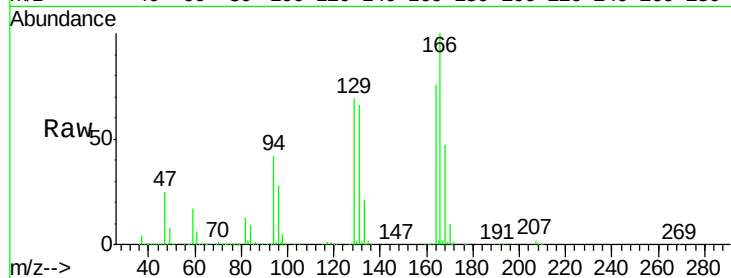
#64
Tetrachloroethene
Concen: 46.526 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Instrument :
MSVOA_X
ClientSampleId :
HW-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
164	100				
166	130.8	101.0	151.4		
129	90.4	77.4	116.0		
131	86.4	72.2	108.2		

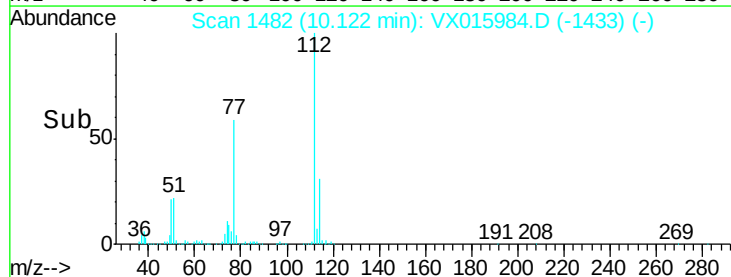
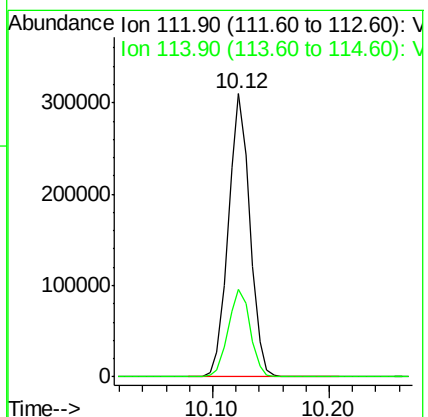
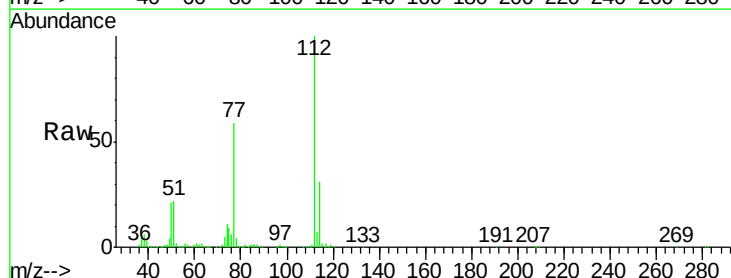
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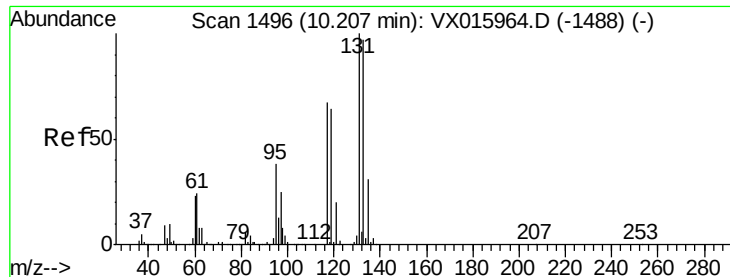
MMDadoda
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#65
Chlorobenzene
Concen: 48.302 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
112	100				
114	30.9	25.4	38.0		





#66

1,1,1,2-Tetrachloroethane

Concen: 48.902 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Instrument :

MSVOA_X

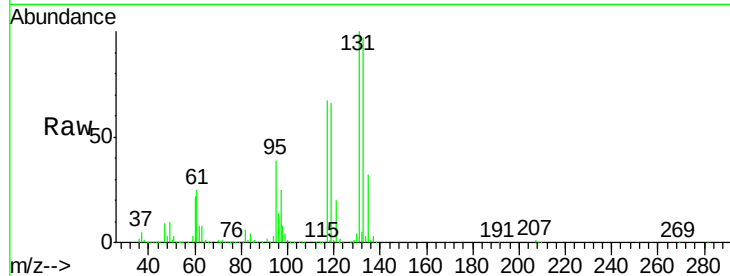
ClientSampleId :

HW-7MSD

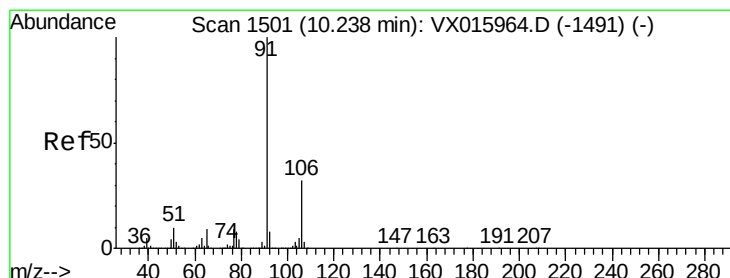
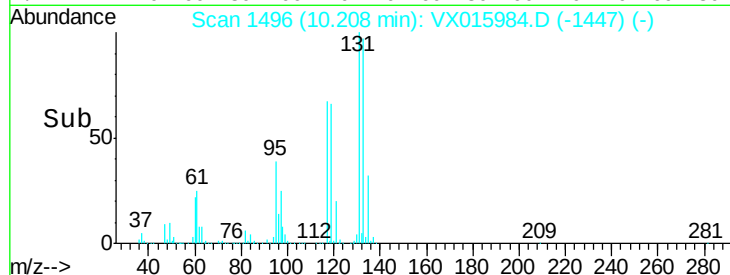
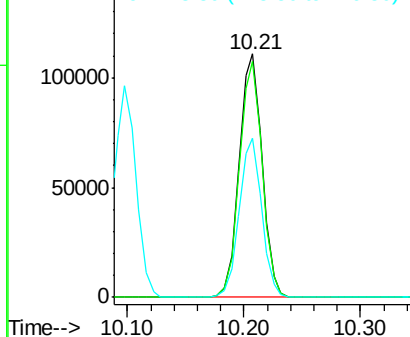
Tot Ion:	131	Resp:	151849
Ion Ratio	Lower	Upper	
131	100		
133	96.3	48.3	144.8
119	64.0	31.6	94.8

Manual Integrations
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Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 48.709 ug/l

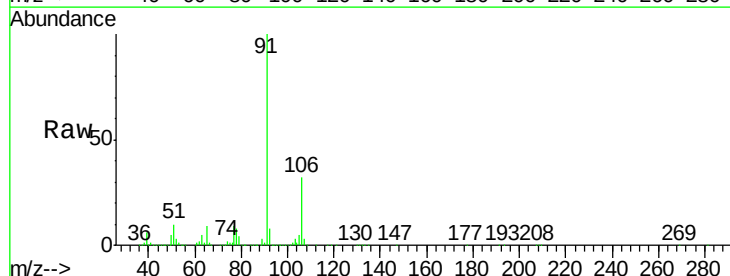
RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

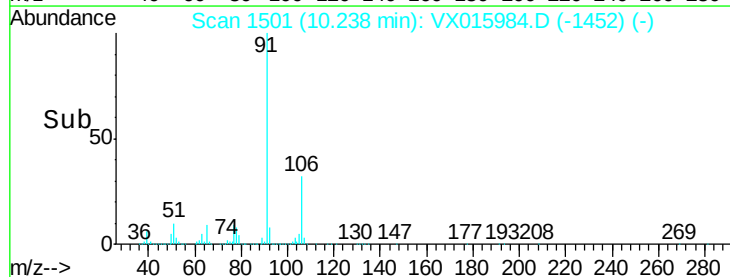
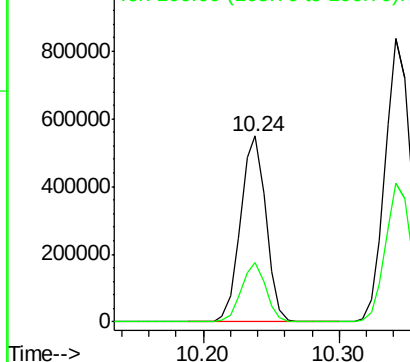
Lab File: VX015984.D

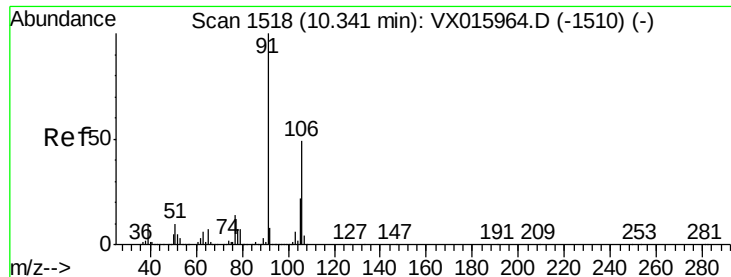
Acq: 29 Apr 2020 17:56

Tgt Ion:	91	Resp:	712668
Ion Ratio	Lower	Upper	
91	100		
106	31.8	25.3	37.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





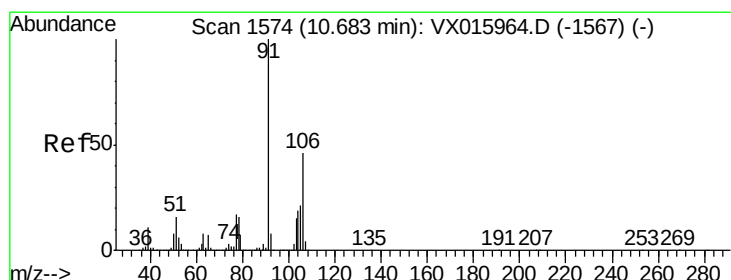
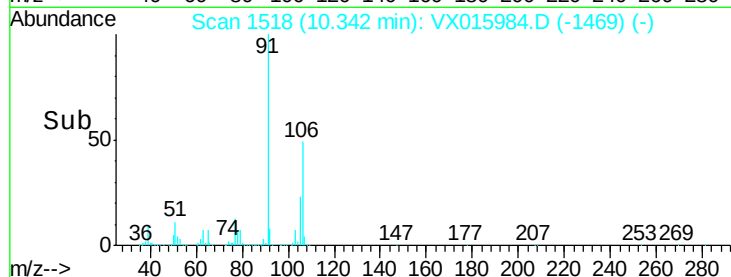
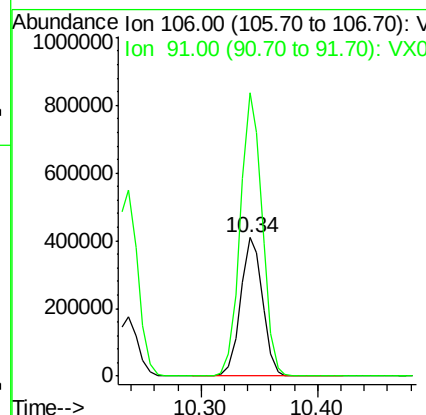
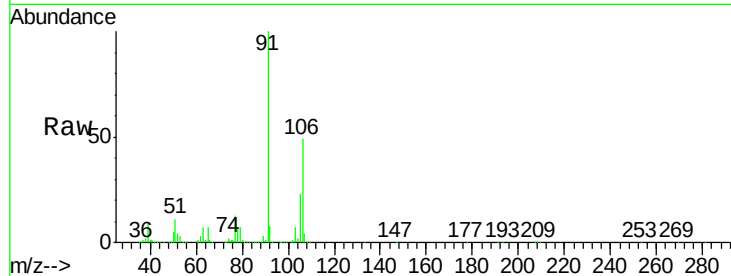
#68
m/p-Xylenes
Concen: 97.096 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Instrument :
MSVOA_X
ClientSampled :
HW-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		539061		
91	203.7	161.6	242.4		

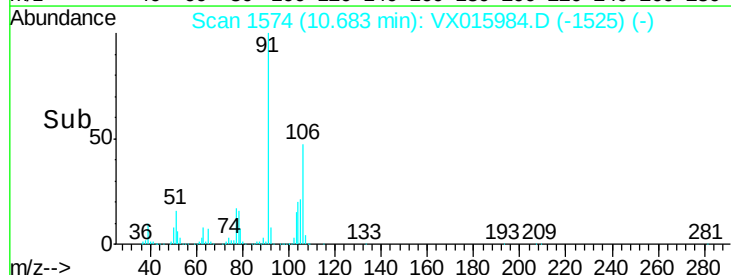
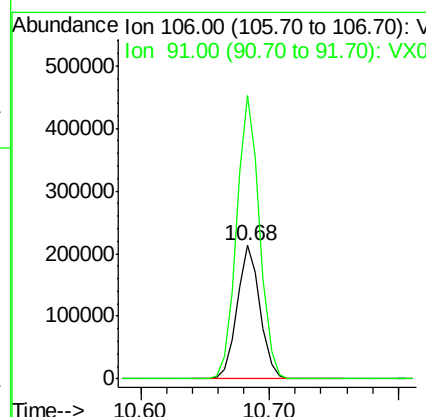
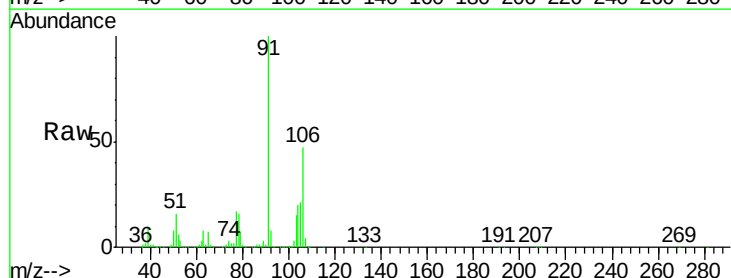
Manual Integrations
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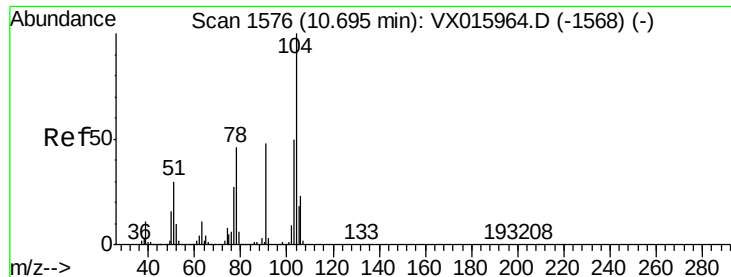
MMDadoda
4/30/2020 2:11:49 PM



#69
o-Xylene
Concen: 50.101 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		264085		
91	212.5	106.1	318.3		





#70

Stvrene

Concen: 50.048 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Instrument :

MSVOA_X

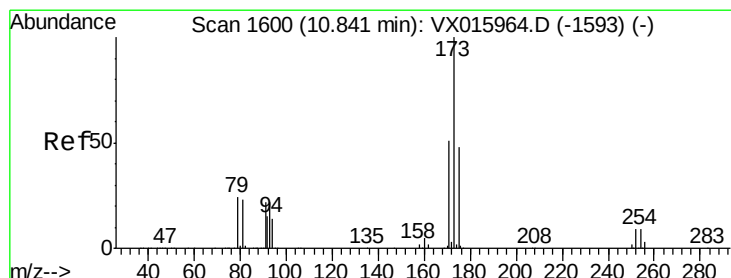
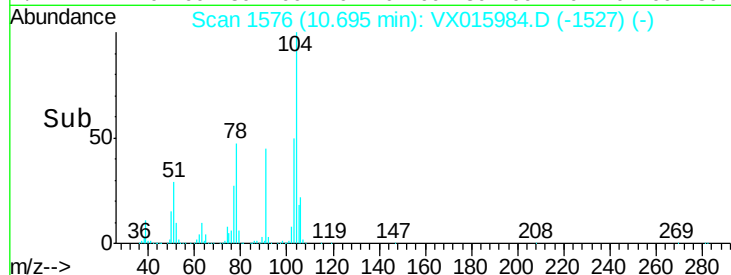
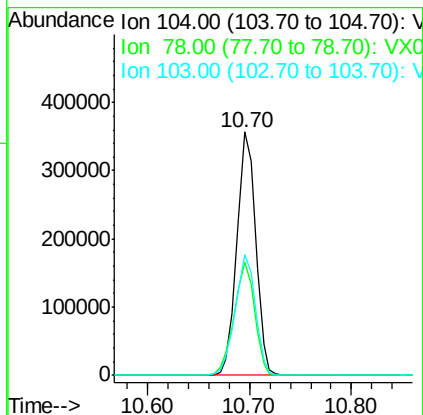
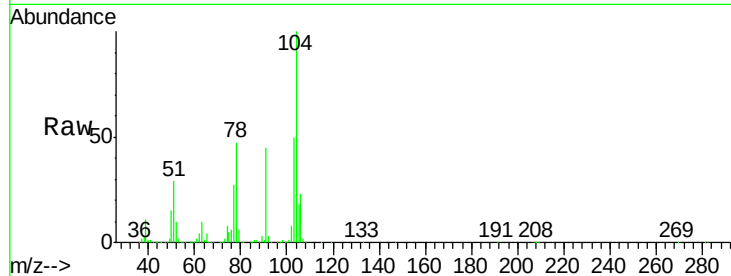
ClientSampleId :

HW-7MSD

Tot Ion:	104	Resp:	452662
Ion Ratio	Lower	Upper	
104	100		
78	51.0	41.0	61.4
103	53.5	43.4	65.2

Manual Integrations
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#71

Bromoform

Concen: 45.460 ug/l

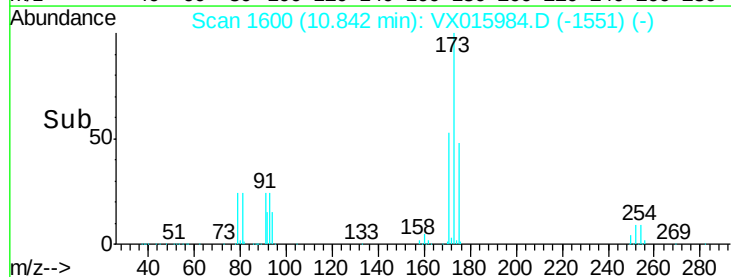
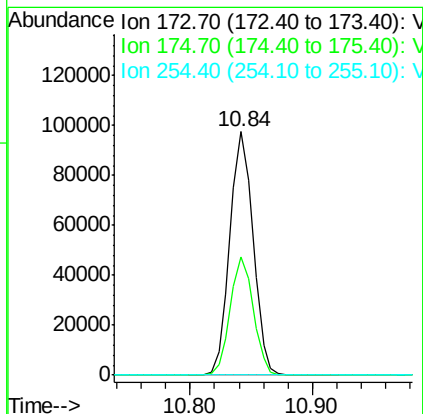
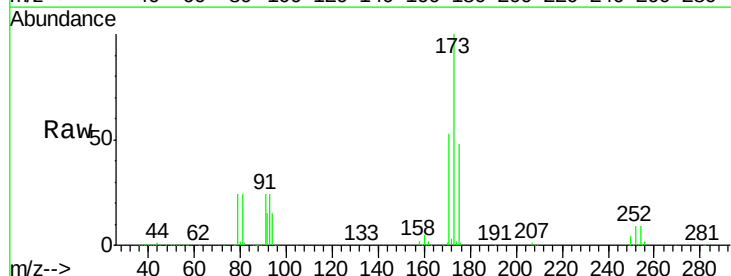
RT: 10.84 min Scan# 1600

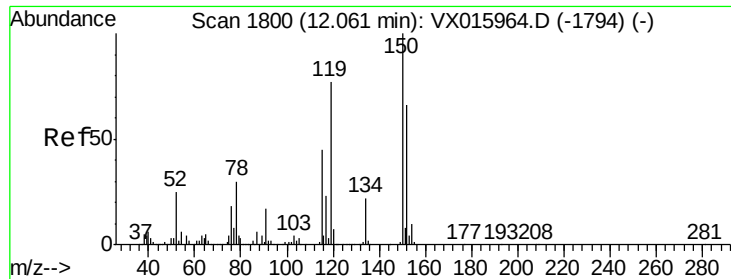
Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Tgt Ion:	173	Resp:	127804
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.1	72.4
254	0.1	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Instrument :

MSVOA_X

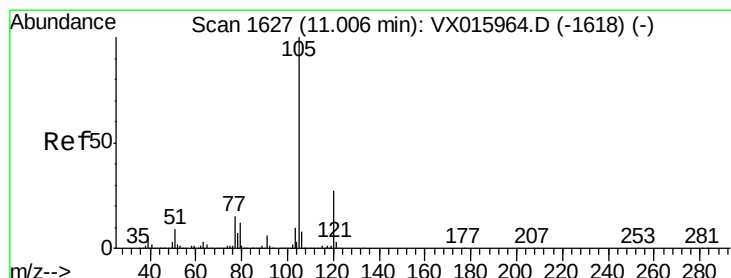
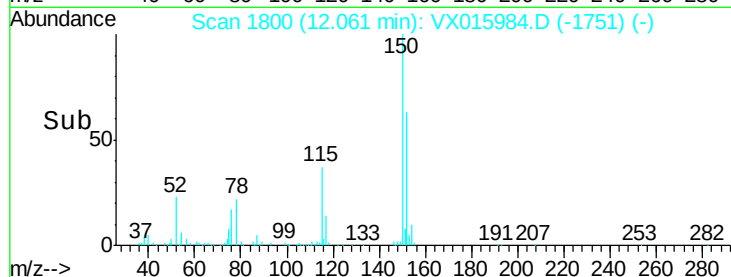
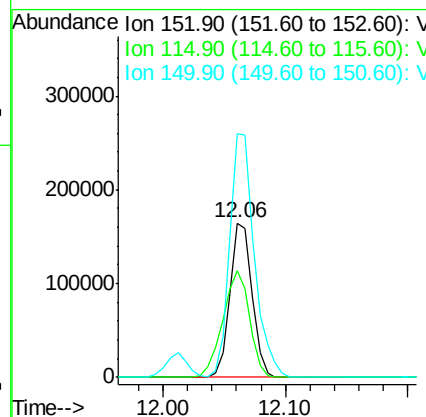
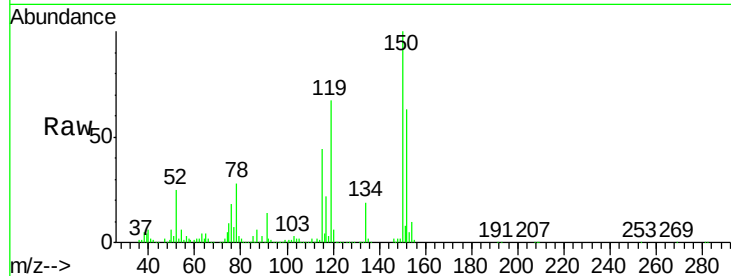
ClientSampleId :

HW-7MSD

Tot Ion:	152	Resp:	203562
Ion Ratio	Lower	Upper	
152	100		
115	83.8	40.9	122.7
150	177.1	0.0	342.4

Manual Integrations
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#73

Isopropylbenzene

Concen: 50.973 ug/l

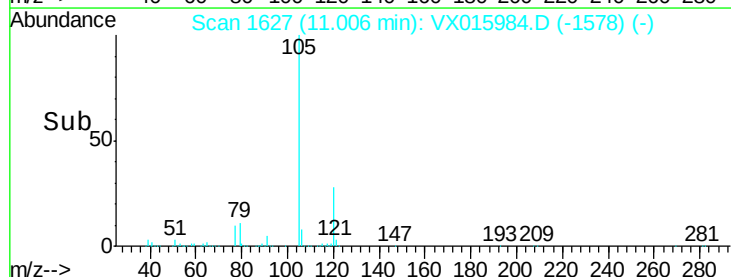
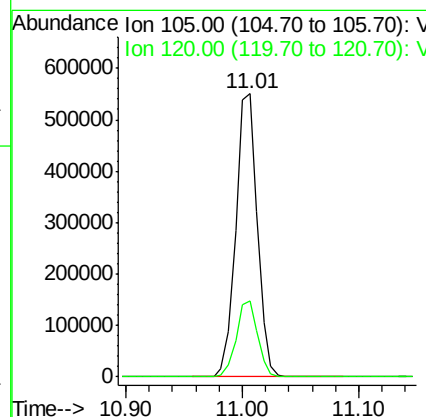
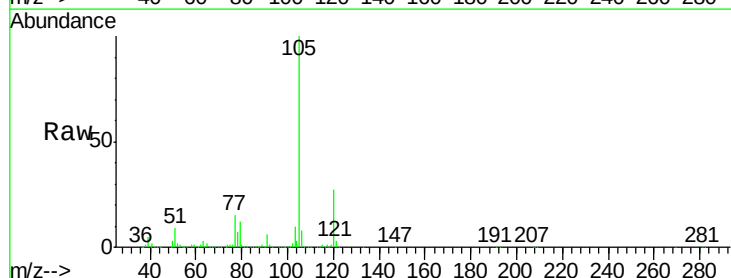
RT: 11.01 min Scan# 1627

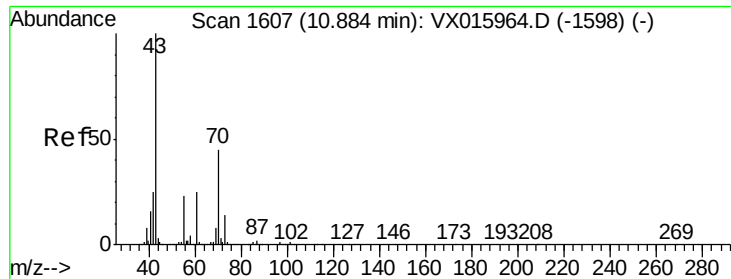
Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Tgt Ion:	105	Resp:	705864
Ion Ratio	Lower	Upper	
105	100		
120	26.6	13.3	39.8





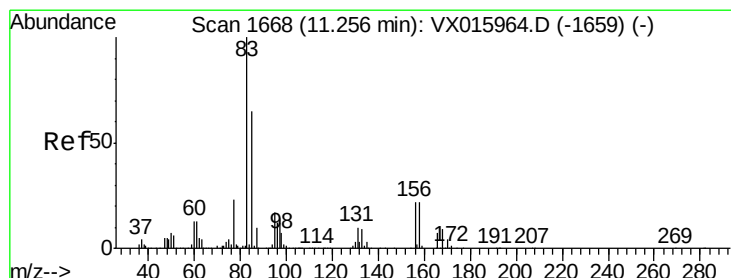
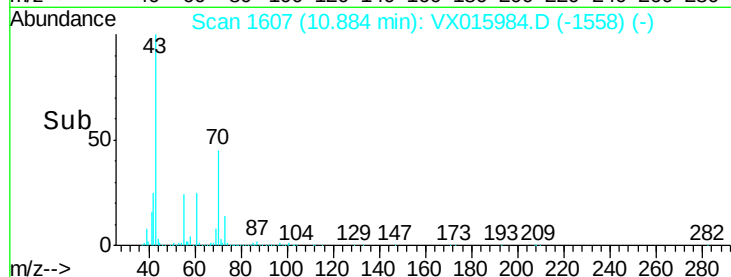
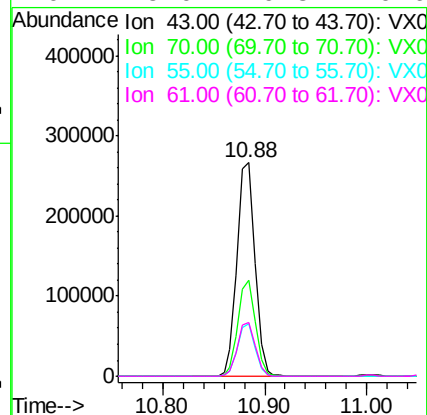
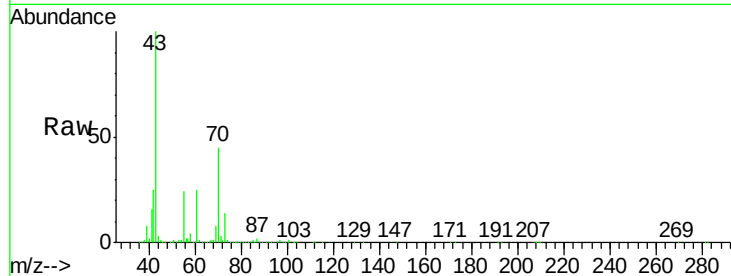
#74
N-amvl acetate
Concen: 48.270 ug/l
RT: 10.88 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Instrument :
MSVOA_X
ClientSampleId :
HW-7MSD

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	43.7	34.5	51.7	
55	24.0	18.6	28.0	
61	25.0	19.8	29.6	

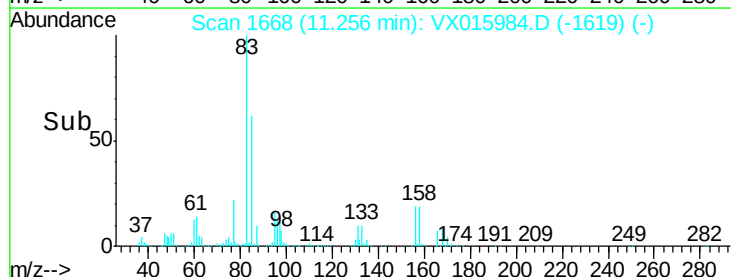
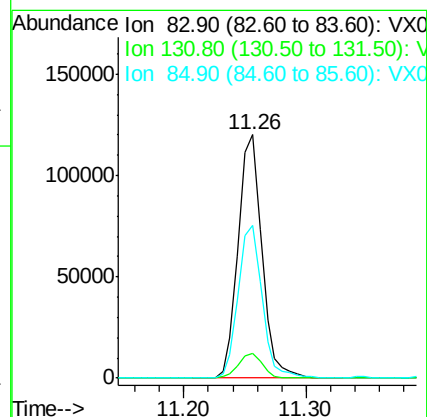
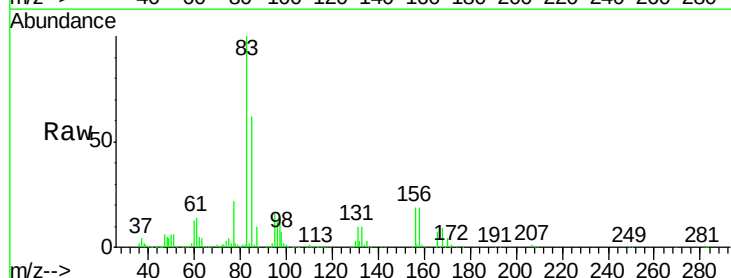
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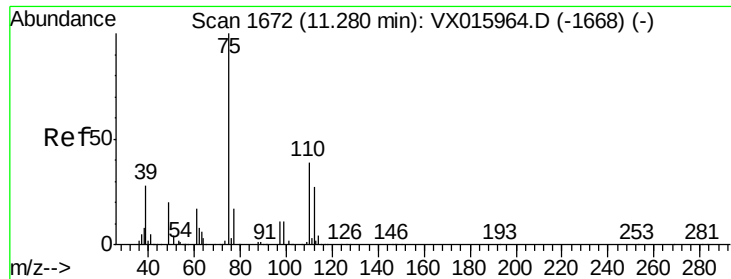
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#75
1,1,2,2-Tetrachloroethane
Concen: 50.008 ug/l
RT: 11.26 min Scan# 1668
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.3	5.1	15.4	
85	63.5	32.2	96.6	





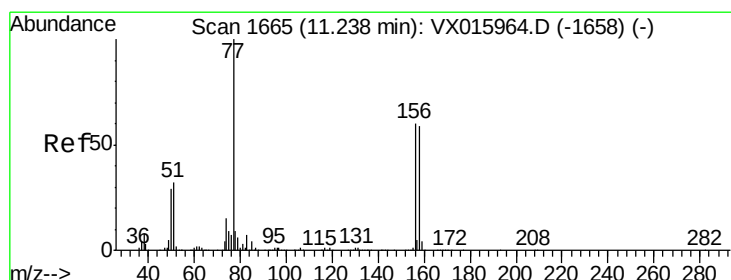
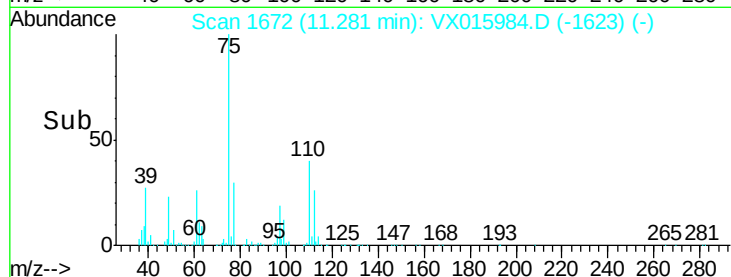
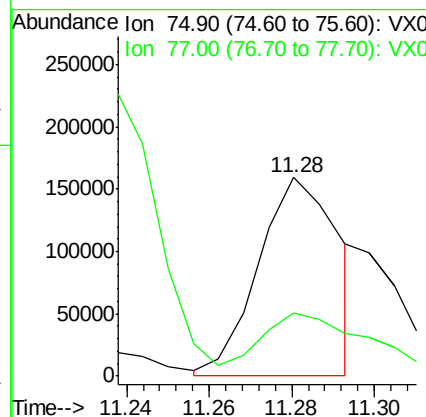
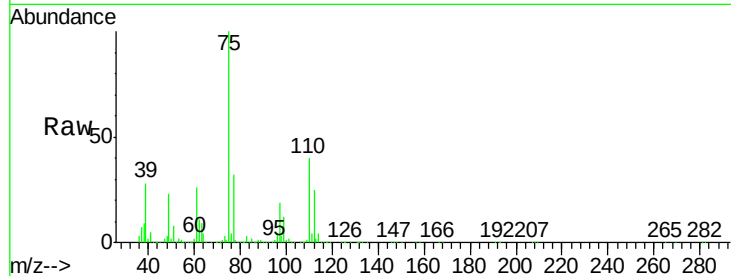
#76
 1,2,3-Trichloropropane
 Concen: 50.286 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX015984.D
 Acq: 29 Apr 2020 17:56

Instrument :
 MSVOA_X
 ClientSampled :
 HW-7MSD

Tot Ion: 75 Resp: 214796
 Ion Ratio Lower Upper
 75 100
 77 43.0 21.6 65.0

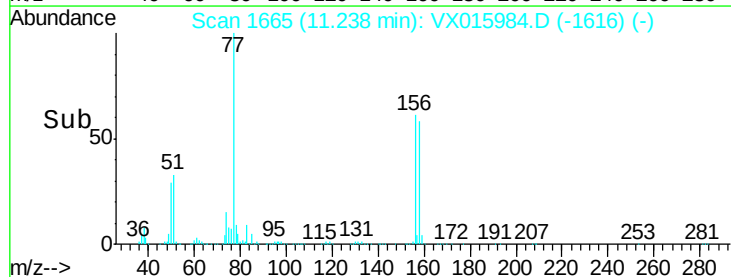
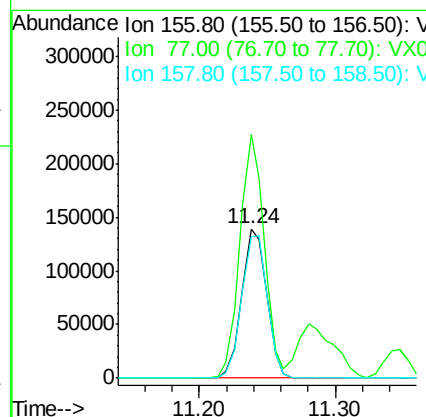
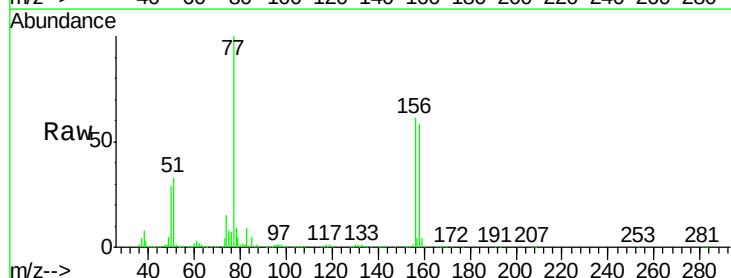
Manual Integrations
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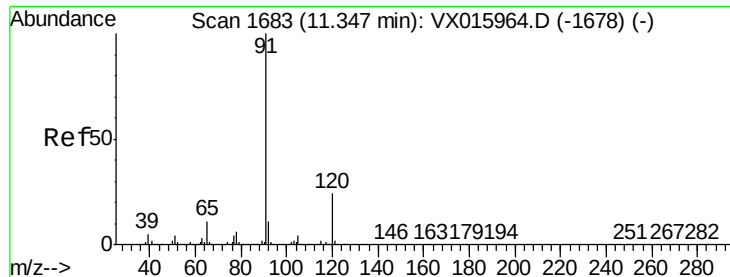
MMDadoda
 4/30/2020 2:11:49 PM



#77
 Bromobenzene
 Concen: 49.923 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: VX015984.D
 Acq: 29 Apr 2020 17:56

Tgt Ion: 156 Resp: 177954
 Ion Ratio Lower Upper
 156 100
 77 159.4 78.3 234.8
 158 98.3 48.5 145.5





#78

n-propylbenzene

Concen: 51.092 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Instrument :

MSVOA_X

ClientSampleId :

HW-7MSD

Tot Ion: 91 Resp: 813903

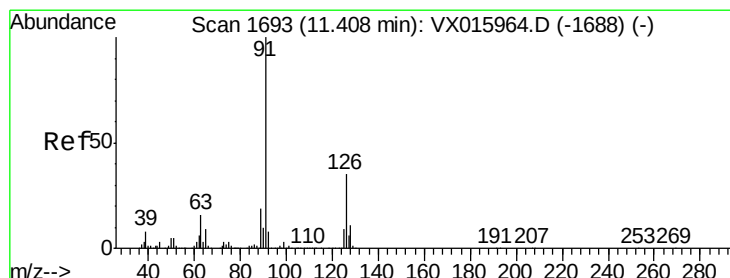
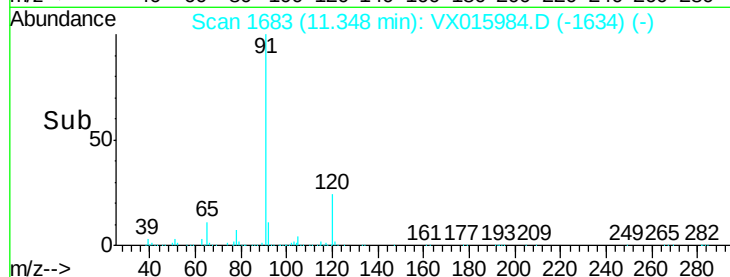
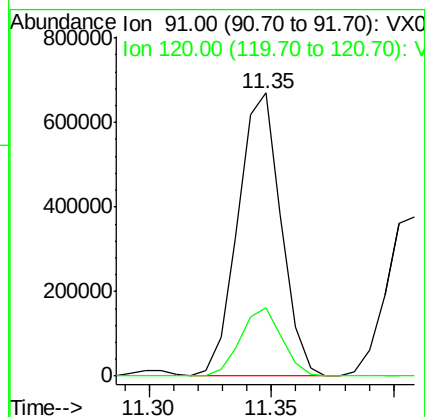
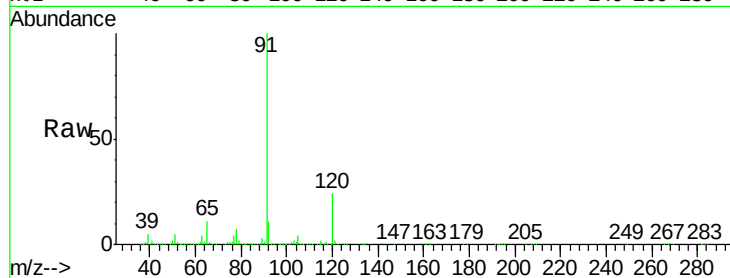
Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.3

Manual Integrations
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4/30/2020 2:11:49 PM



#79

2-Chlorotoluene

Concen: 50.359 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX015984.D

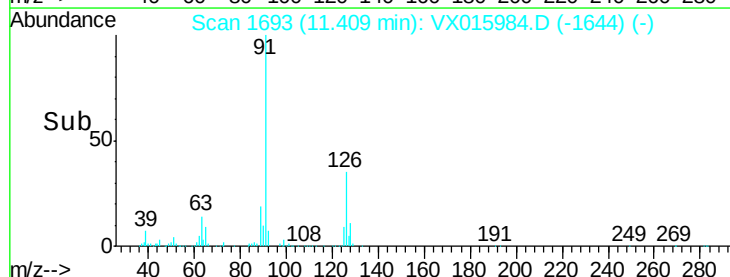
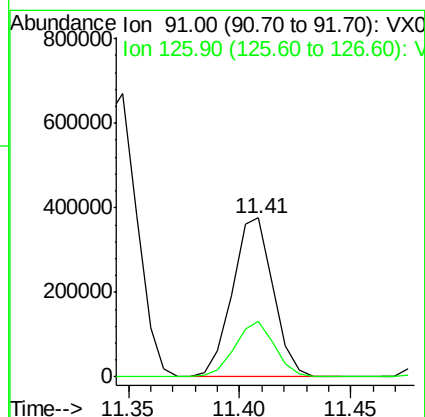
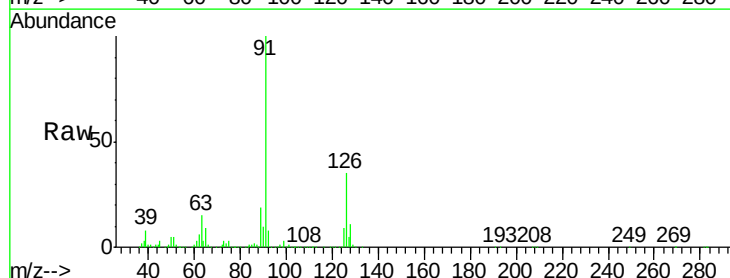
Acq: 29 Apr 2020 17:56

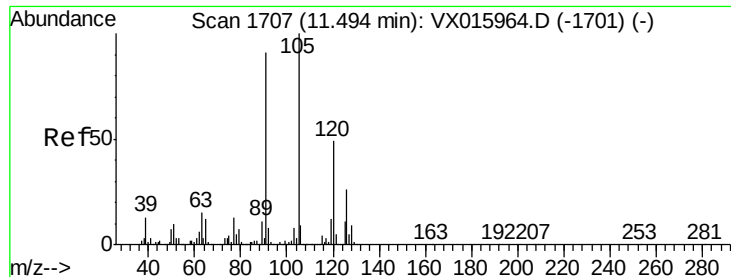
Tgt Ion: 91 Resp: 477974

Ion Ratio Lower Upper

91 100

126 34.3 17.0 51.0





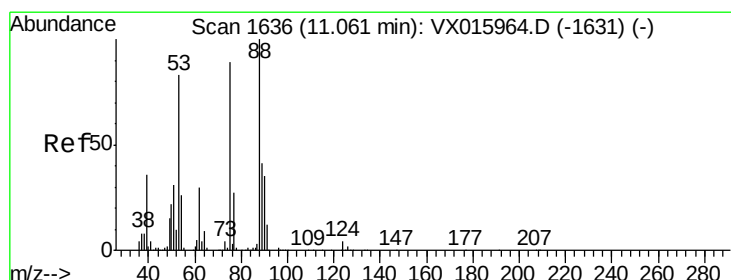
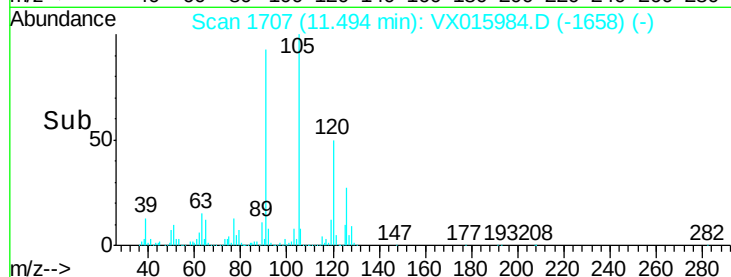
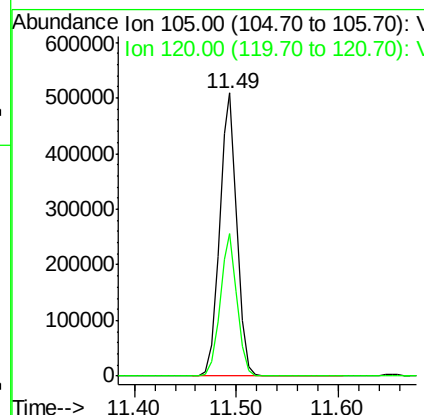
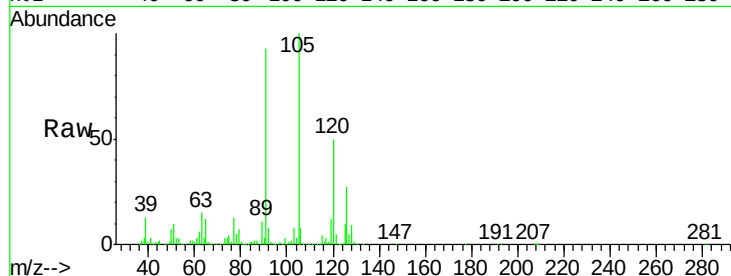
#80
 1,3,5-Trimethylbenzene
 Concen: 51.693 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX015984.D
 Acq: 29 Apr 2020 17:56

Instrument :
 MSVOA_X
 ClientSampled :
 HW-7MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.3	24.6	73.6

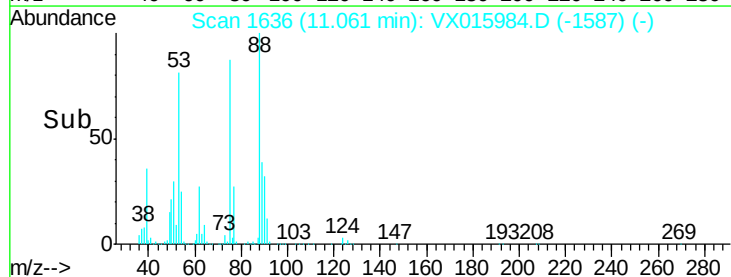
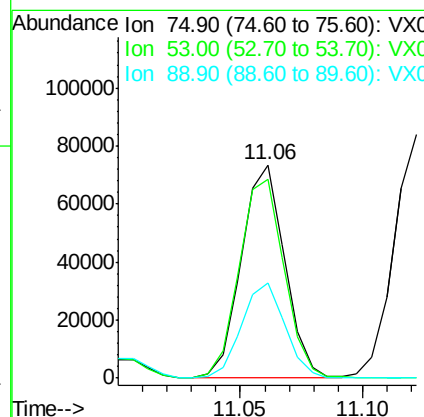
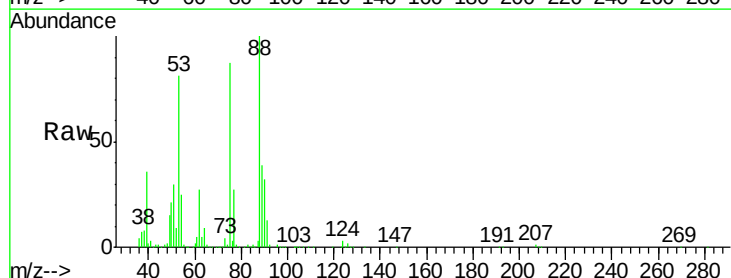
Manual Integrations
 APPROVED

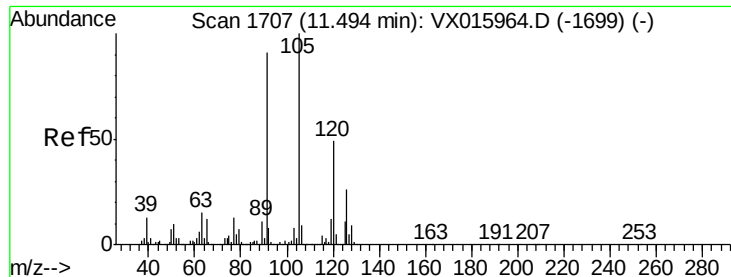
MMDadoda
 4/30/2020 2:11:49 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.912 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VX015984.D
 Acq: 29 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
75	100		
53	96.7	78.3	117.5
89	44.7	37.2	55.8





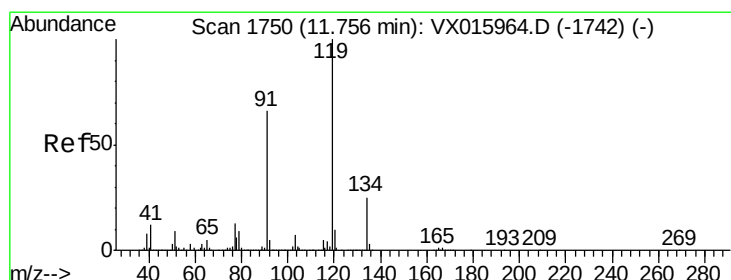
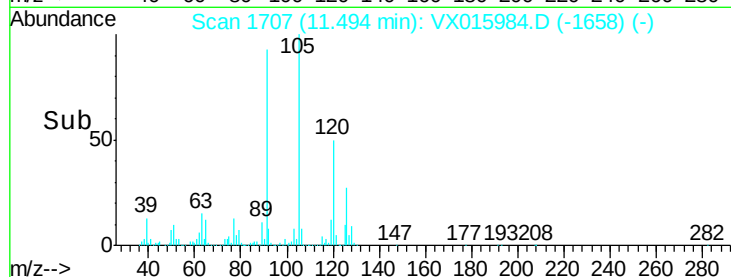
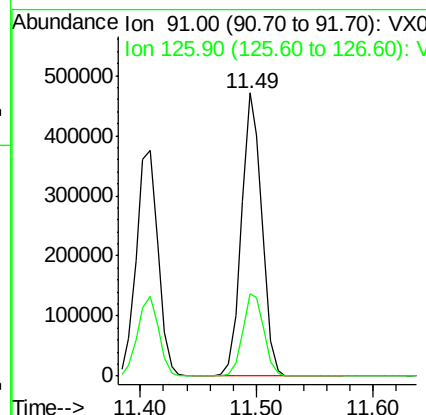
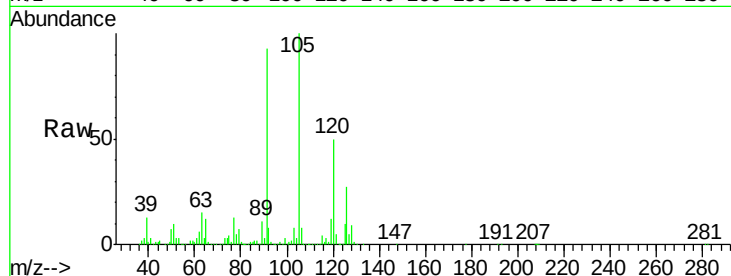
#82
4-Chlorotoluene
Concen: 50.450 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Instrument :
MSVOA_X
ClientSampleId :
HW-7MSD

Tot Ion	Ratio	Lower	Upper
91	100		
126	29.9	14.8	44.3

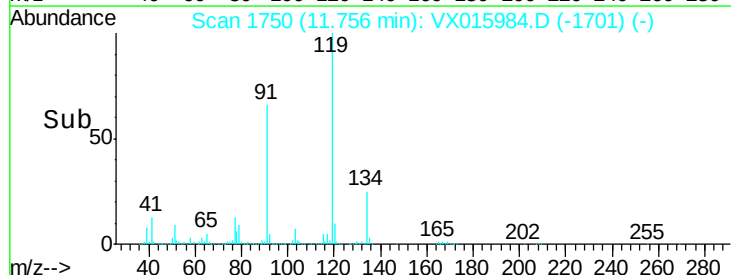
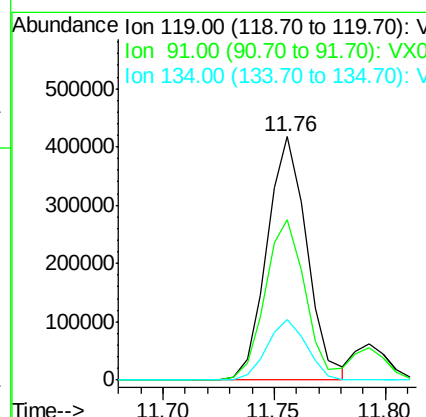
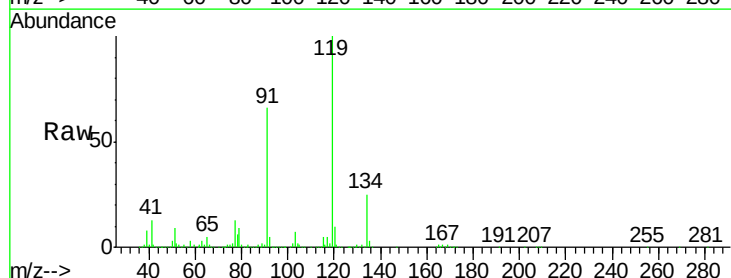
Manual Integrations
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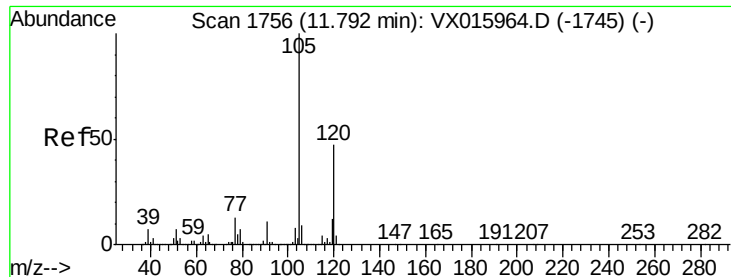
MMDadoda
4/30/2020 2:11:49 PM



#83
tert-Butylbenzene
Concen: 51.668 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
119	100		
91	66.8	33.5	100.4
134	24.6	12.4	37.2





#84

1,2,4-Trimethylbenzene

Concen: 51.886 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX015984.D

Acq: 29 Apr 2020 17:56

Instrument :

MSVOA_X

ClientSampleId :

HW-7MSD

Tot Ion:105 Resp: 609146

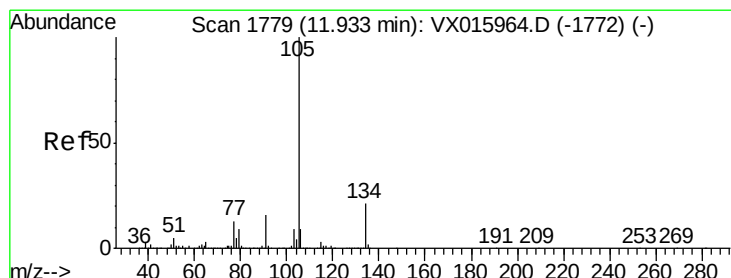
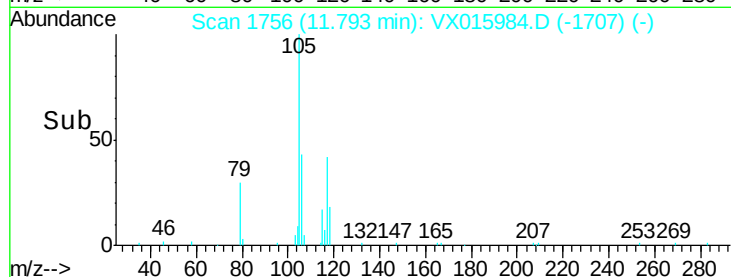
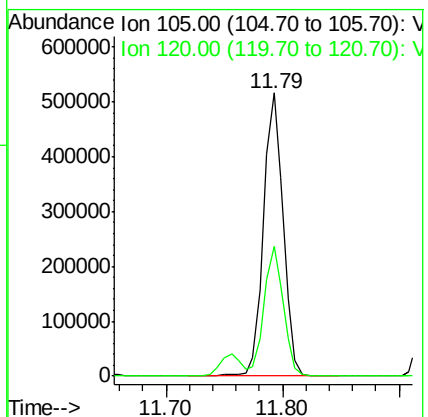
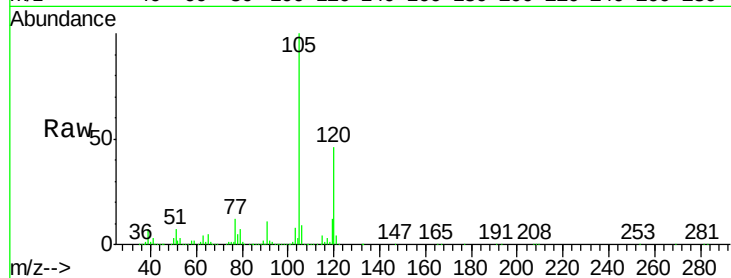
Ion Ratio Lower Upper

105 100

120 45.1 22.9 68.8

Manual Integrations
APPROVED

MMDadoda
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#85

sec-Butylbenzene

Concen: 51.427 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX015984.D

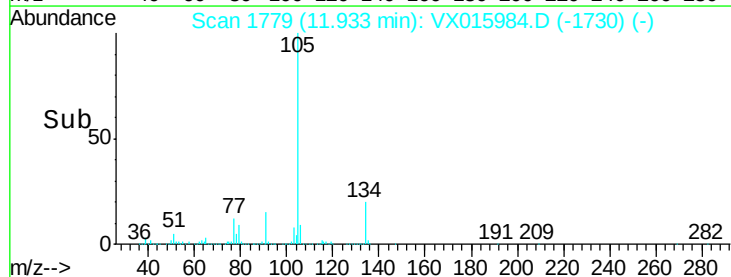
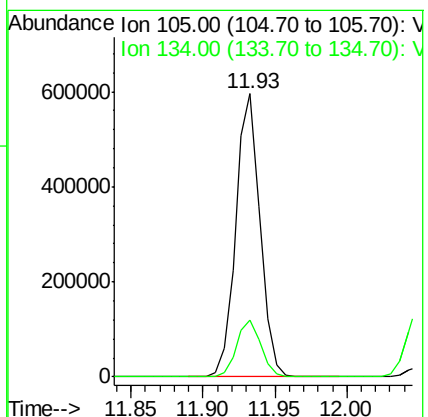
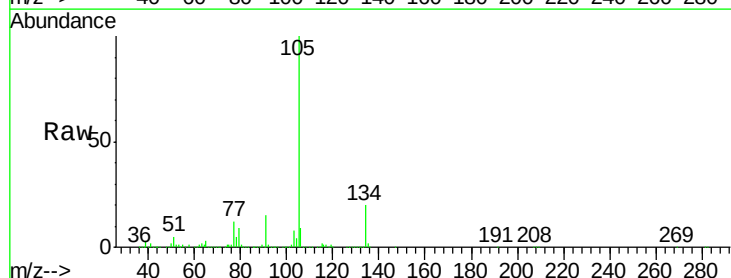
Acq: 29 Apr 2020 17:56

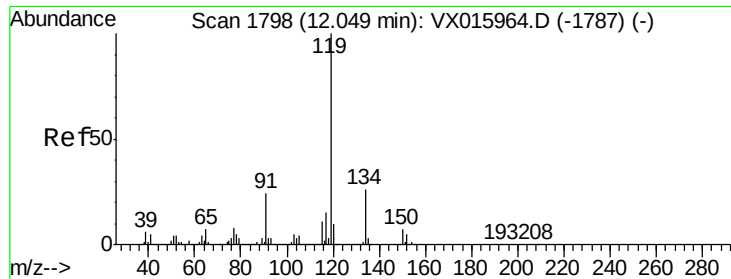
Tgt Ion:105 Resp: 696897

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.1





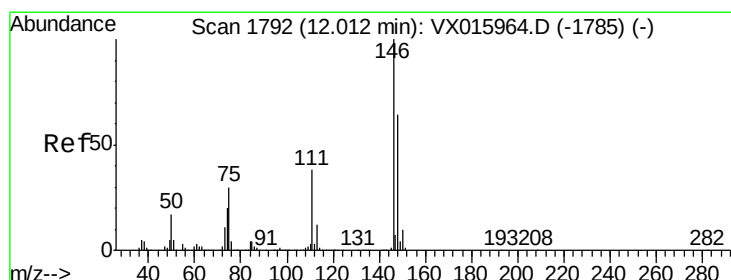
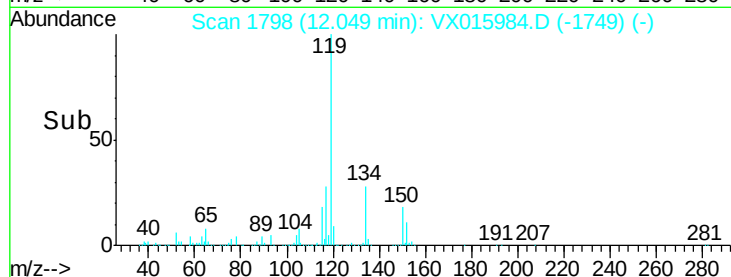
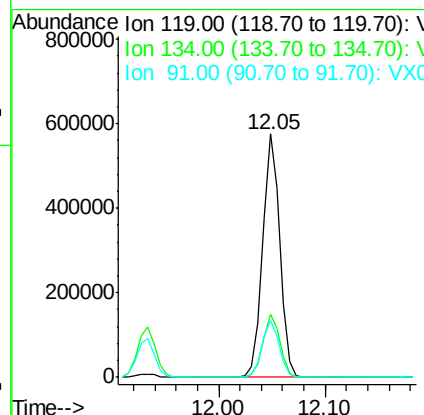
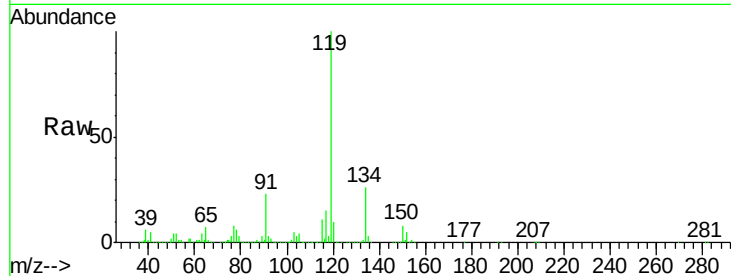
#86
p-Isopropyltoluene
Concen: 51.216 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Instrument :
MSVOA_X
ClientSampleId :
HW-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	650094		
134	26.0	13.0	39.0	
91	23.5	11.9	35.9	

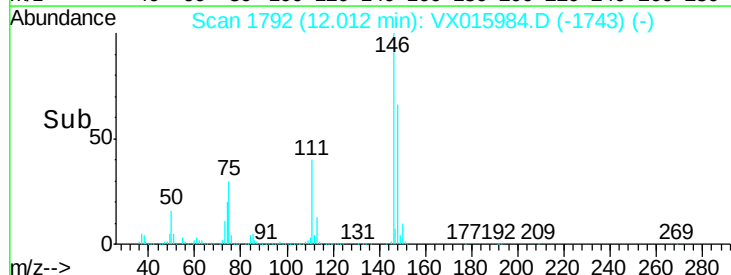
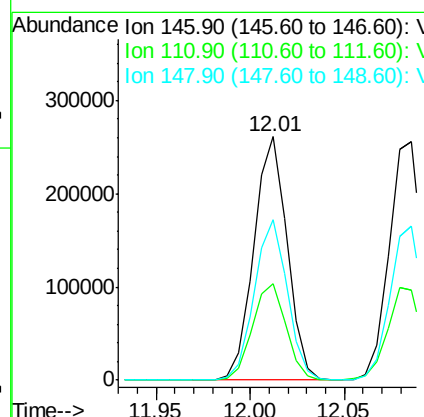
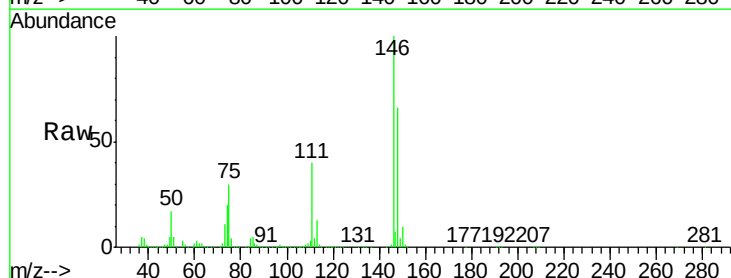
Manual Integrations
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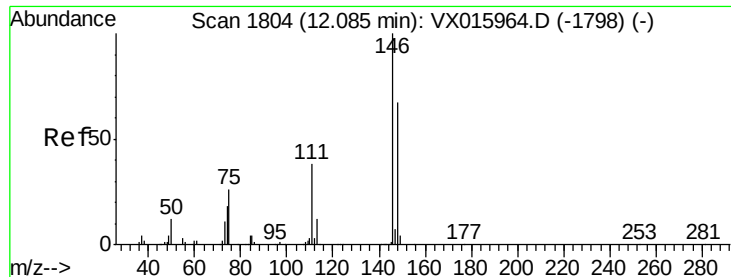
MMDadoda
4/30/2020 2:11:49 PM



#87
1,3-Dichlorobenzene
Concen: 49.222 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	319956		
111	40.3	19.6	58.8	
148	65.0	32.0	96.0	





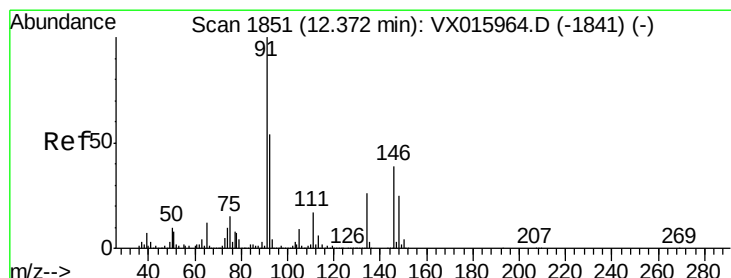
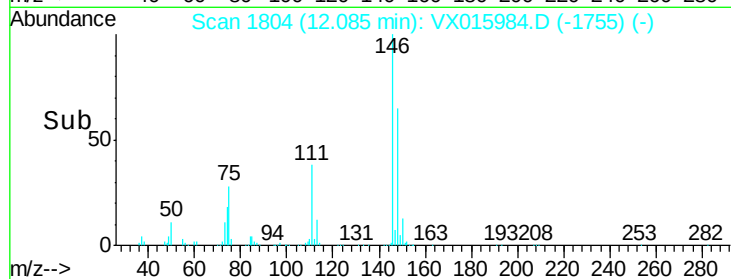
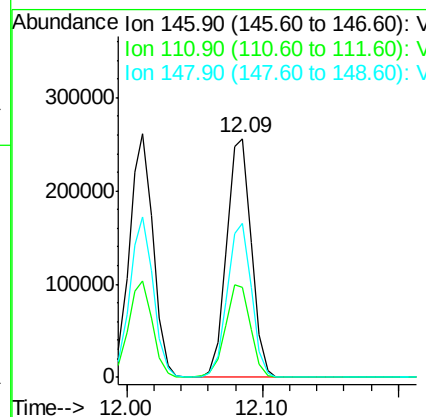
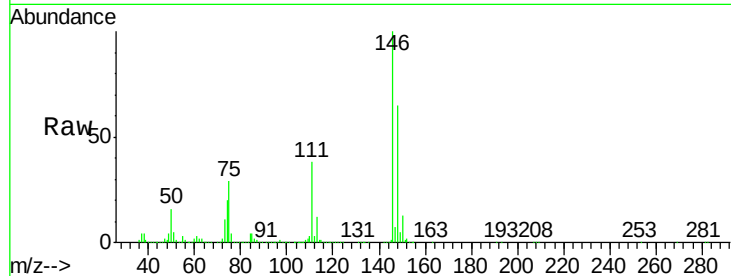
#88
 1,4-Dichlorobenzene
 Concen: 49.064 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX015984.D
 Acq: 29 Apr 2020 17:56

Instrument :
 MSVOA_X
 ClientSampled :
 HW-7MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.0
148	63.4	32.8	98.4

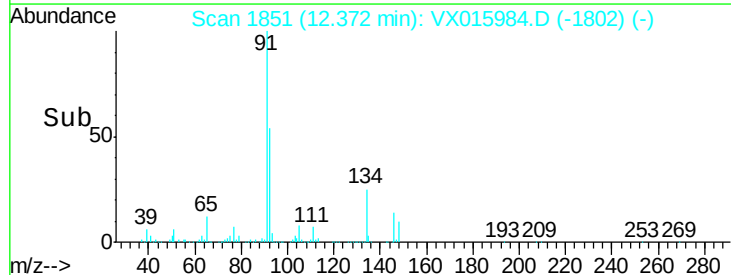
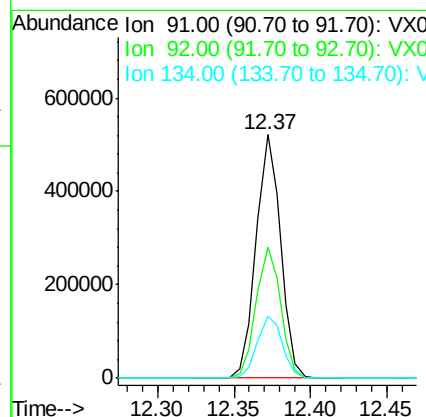
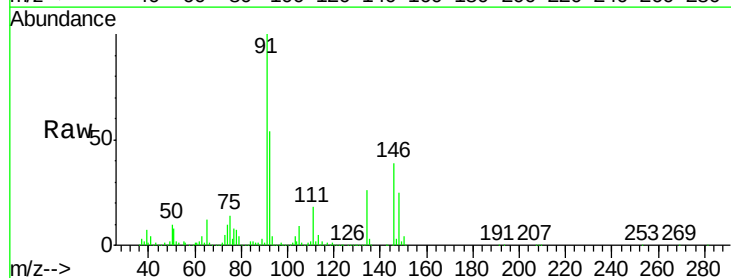
Manual Integrations
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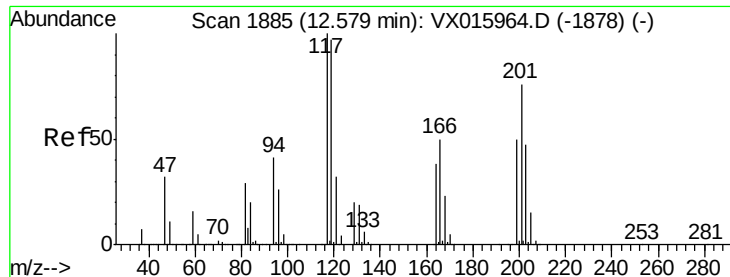
MMDadoda
 4/30/2020 2:11:49 PM



#89
 n-Butylbenzene
 Concen: 50.729 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX015984.D
 Acq: 29 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.3
134	26.1	13.3	39.8





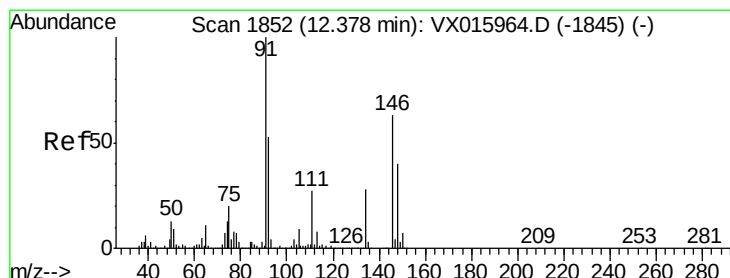
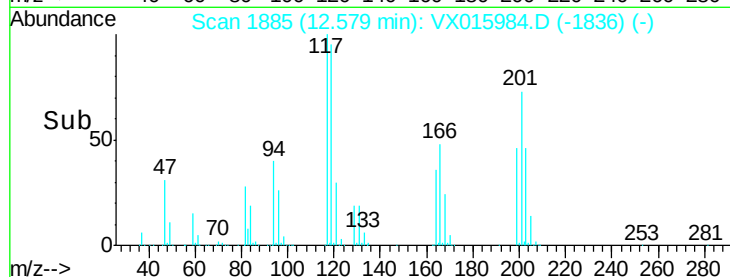
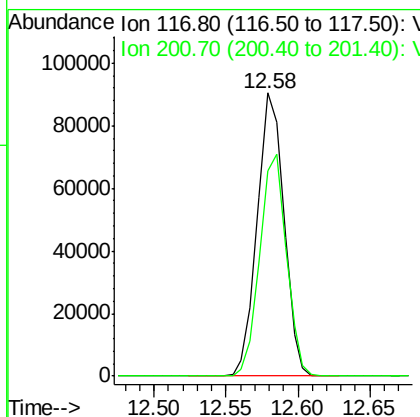
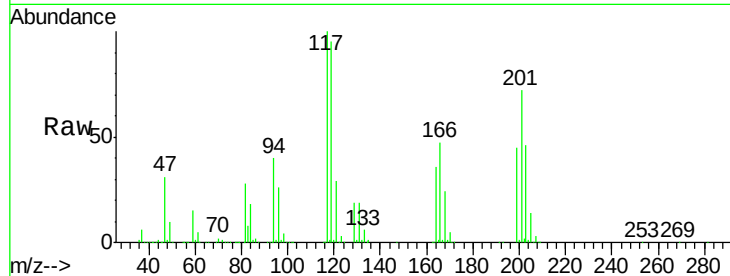
#90
Hexachloroethane
Concen: 51.684 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Instrument :
MSVOA_X
ClientSampled :
HW-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	115912		
201	78.2	40.3	120.8	

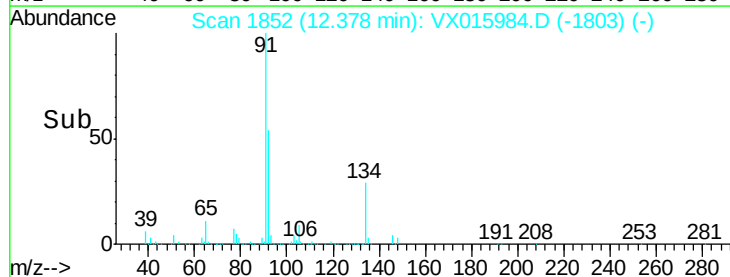
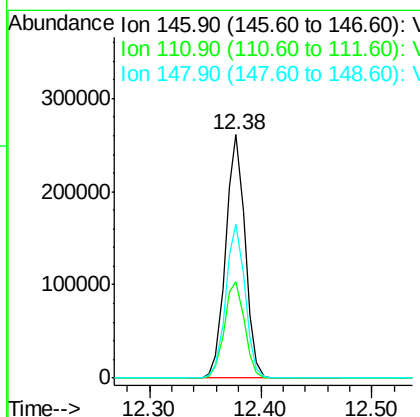
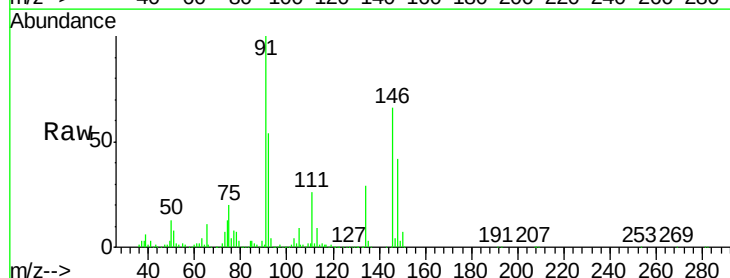
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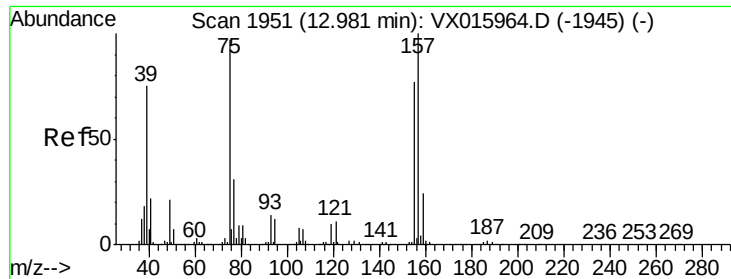
MMDadoda
4/30/2020 2:11:49 PM



#91
1,2-Dichlorobenzene
Concen: 50.474 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	313742		
111	41.4	21.1	63.3	
148	62.8	32.3	96.9	





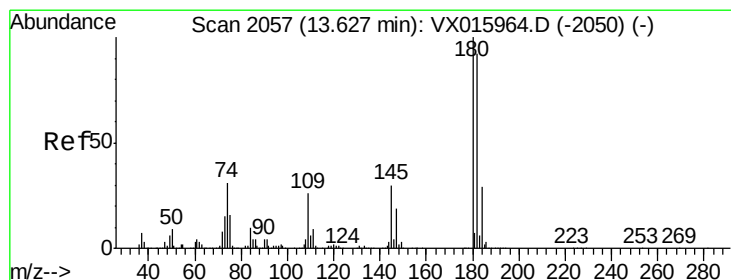
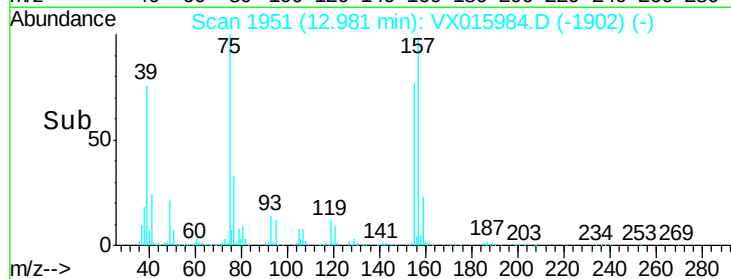
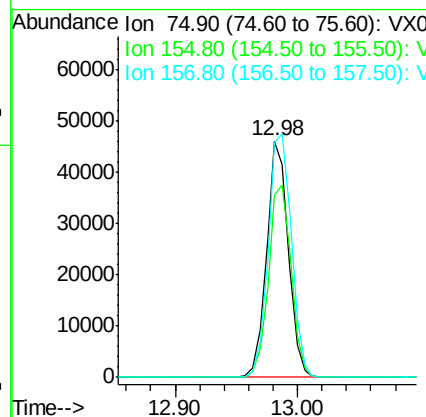
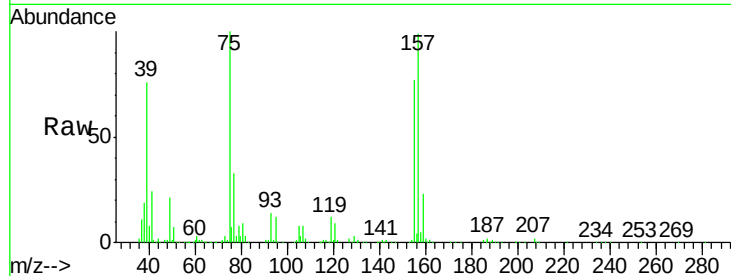
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.692 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX015984.D
 Acq: 29 Apr 2020 17:56

Instrument :
 MSVOA_X
 ClientSampleId :
 HW-7MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	85.1	42.5	127.6
157	110.2	56.0	168.2

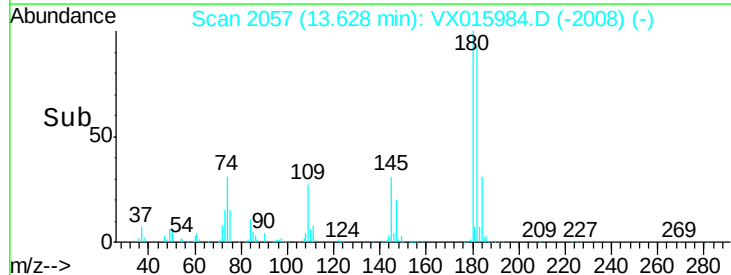
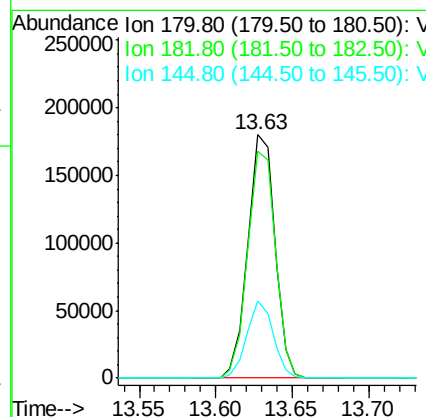
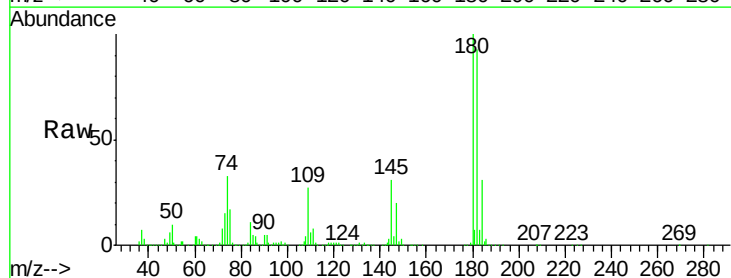
Manual Integrations
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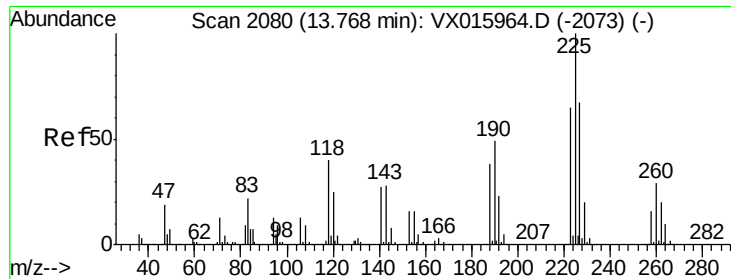
MMDadoda
 4/30/2020 2:11:49 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 47.596 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX015984.D
 Acq: 29 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.9	140.6
145	30.8	14.7	44.1





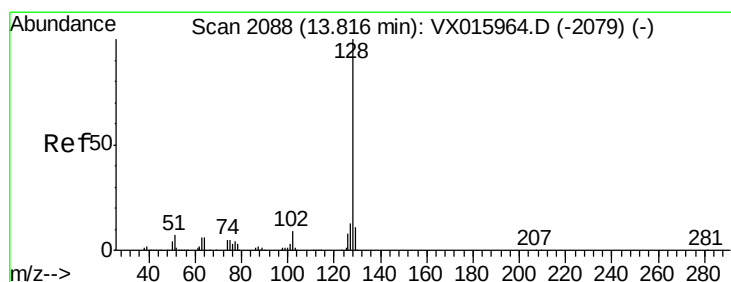
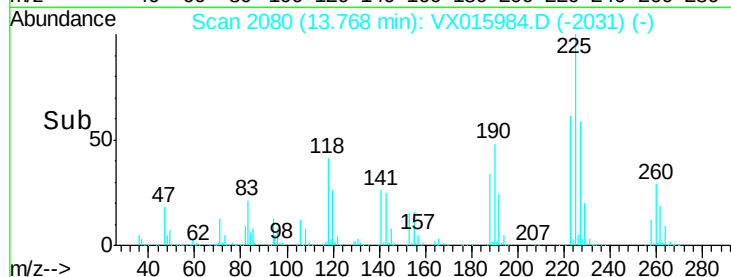
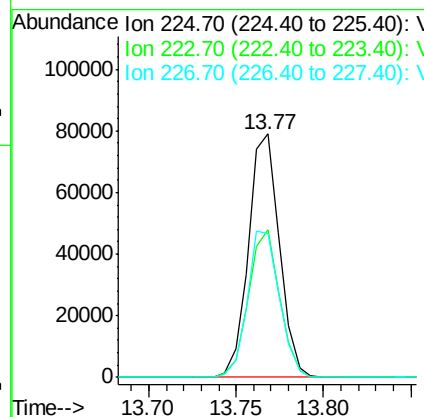
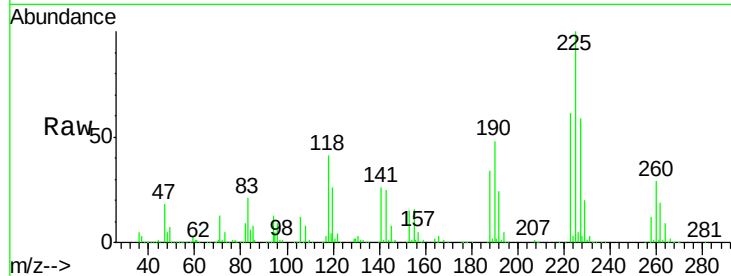
#94
Hexachlorobutadiene
Concen: 46.463 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Instrument :
MSVOA_X
ClientSampleId :
HW-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
225	100	96851		
223	60.9		32.0	96.0
227	62.2		33.0	99.0

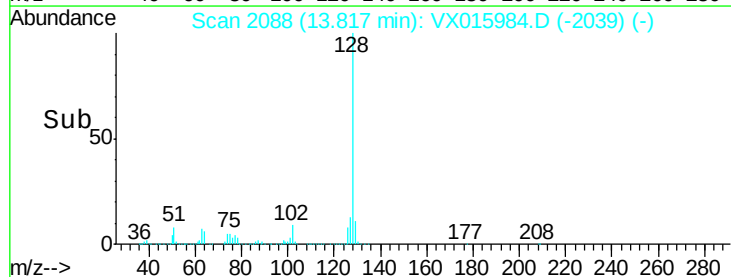
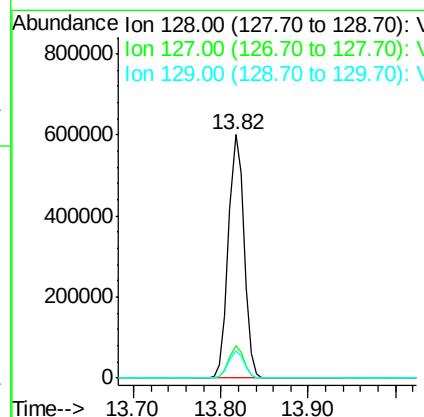
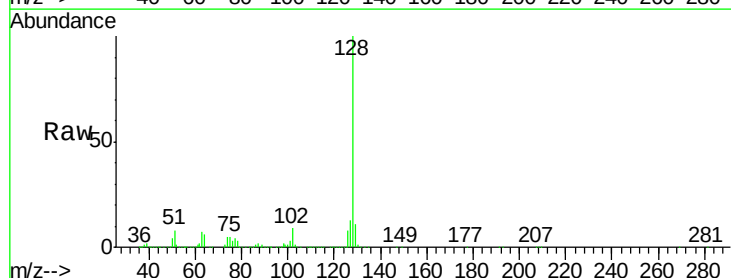
Manual Integrations
APPROVED

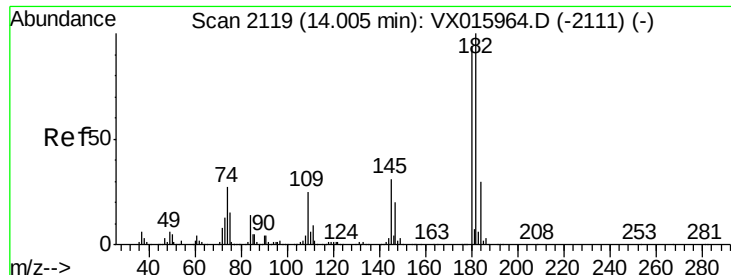
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#95
Naphthalene
Concen: 49.945 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX015984.D
Acq: 29 Apr 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	734915		
127	13.0		10.4	15.6
129	11.1		8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 48.452 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VX015984.D
 Acq: 29 Apr 2020 17:56

Instrument :
 MSVOA_X
 ClientSampleId :
 HW-7MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	97.1	48.7	146.1
145	32.3	16.1	48.3

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