

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016868.D
 Acq On : 19 Jun 2020 03:19
 Operator : JC/SP
 Sample : L3020-21MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23MS

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 12:50:46 PM

Quant Time: Jun 19 12:21:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	246453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	388360	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	406837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210267	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	176197	59.45	ug/l	0.00
Spiked Amount			Recovery	=	118.90%	
35) Dibromofluoromethane	5.46	113	120828	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
50) Toluene-d8	8.70	98	479085	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	11.12	95	219346	57.60	ug/l	0.00
Spiked Amount			Recovery	=	115.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	182829	60.449	ug/l	99
3) Chloromethane	1.31	50	211942	69.109	ug/l	100
4) Vinyl Chloride	1.39	62	182926	52.923	ug/l	97
5) Bromomethane	1.62	94	111865	53.750	ug/l	98
6) Chloroethane	1.71	64	106664	50.105	ug/l	99
7) Trichlorofluoromethane	1.92	101	244419	50.548	ug/l	98
8) Diethyl Ether	2.17	74	92606	49.259	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	114123	44.309	ug/l	98
10) Methyl Iodide	2.49	142	121610	49.597	ug/l	100
11) Tert butyl alcohol	3.01	59	126405	252.268	ug/l	99
12) 1,1-Dichloroethene	2.36	96	119130	45.233	ug/l	97
13) Acrolein	2.27	56	74123	243.987	ug/l	99
14) Allyl chloride	2.71	41	168345	48.324	ug/l	100
15) Acrylonitrile	3.11	53	313459	272.987	ug/l	100
16) Acetone	2.42	43	252186	234.374	ug/l	100
17) Carbon Disulfide	2.55	76	313535	46.065	ug/l	99
18) Methyl Acetate	2.75	43	150138	54.872	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	384986	51.293	ug/l	100
20) Methylene Chloride	2.84	84	123370	47.812	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	122160	49.138	ug/l	96
22) Diisopropyl ether	3.82	45	337761	50.604	ug/l	96
23) Vinyl Acetate	3.78	43	1290966	234.560	ug/l	99
24) 1,1-Dichloroethane	3.67	63	206157	49.447	ug/l	99
25) 2-Butanone	4.64	43	463428	312.948	ug/l	98
26) 2,2-Dichloropropane	4.55	77	172984	44.286	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	157831	56.484	ug/l	99
28) Bromochloromethane	4.98	49	87734	50.701	ug/l	99
29) Tetrahydrofuran	5.09	42	252158	270.372	ug/l	100
30) Chloroform	5.18	83	220633	50.125	ug/l	99
31) Cyclohexane	5.56	56	181016	49.385	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	206990	49.686	ug/l	100
36) 1,1-Dichloropropene	5.77	75	161779	45.116	ug/l	99
37) Ethyl Acetate	4.79	43	148753	46.950	ug/l	99
38) Carbon Tetrachloride	5.76	117	185033	45.988	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	208796	50.078	ug/l	98
40) Benzene	6.12	78	623822	57.978	ug/l	100
41) Methacrylonitrile	5.00	41	85918	49.951	ug/l	99
42) 1,2-Dichloroethane	6.16	62	216128	56.449	ug/l	100
43) Isopropyl Acetate	6.42	43	294028	53.143	ug/l	99
44) Trichloroethene	7.19	130	149986	45.517	ug/l	96
45) 1,2-Dichloropropane	7.49	63	127761	47.234	ug/l	97
46) Dibromomethane	7.64	93	100482	54.779	ug/l	98
47) Bromodichloromethane	7.88	83	220043	56.403	ug/l	99
48) Methyl methacrylate	7.74	41	147886	56.763	ug/l	99
49) 1,4-Dioxane	7.71	88	60976	1045.538	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	859053	258.150	ug/l	99
52) Toluene	8.76	92	331817	46.488	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	202570	47.231	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	214931	46.844	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	135085	50.125	ug/l	97
56) Ethyl methacrylate	9.16	69	199510	51.138	ug/l	99
57) 1,3-Dichloropropane	9.35	76	213070	46.638	ug/l	99
59) 2-Hexanone	9.48	43	624503	259.148	ug/l	99
60) Dibromochloromethane	9.57	129	158286	48.960	ug/l	100
61) 1,2-Dibromoethane	9.65	107	143957	49.222	ug/l	99
64) Tetrachloroethene	9.32	164	157637	41.843	ug/l	97
65) Chlorobenzene	10.12	112	385782	46.827	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	152751	47.841	ug/l	98
67) Ethyl Benzene	10.24	91	667047	47.989	ug/l	99
68) m/p-Xylenes	10.34	106	493249	91.191	ug/l	99
69) o-Xylene	10.68	106	247506	49.487	ug/l	99
70) Styrene	10.70	104	436242	51.335	ug/l	99
71) Bromoform	10.84	173	128033	47.695	ug/l	100
73) Isopropylbenzene	11.00	105	637044	47.056	ug/l	100
74) N-amyl acetate	10.88	43	251225	53.142	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	197599	51.690	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	198627m	51.723	ug/l	
77) Bromobenzene	11.24	156	182942	49.549	ug/l	97
78) n-propylbenzene	11.34	91	759410	50.263	ug/l	99
79) 2-Chlorotoluene	11.40	91	461116	49.882	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	568060	48.632	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	73692	46.993	ug/l	98
82) 4-Chlorotoluene	11.49	91	539729	48.667	ug/l	100
83) tert-Butylbenzene	11.76	119	570479	49.362	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	591153	49.130	ug/l	99
85) sec-Butylbenzene	11.93	105	662714	49.374	ug/l	99
86) p-Isopropyltoluene	12.05	119	635781	51.698	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	321114	47.605	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	321441	47.119	ug/l	99
89) n-Butylbenzene	12.37	91	515329	48.866	ug/l	99
90) Hexachloroethane	12.58	117	106001	47.849	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	298273	45.804	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	46381	51.170	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	211398	48.344	ug/l	99

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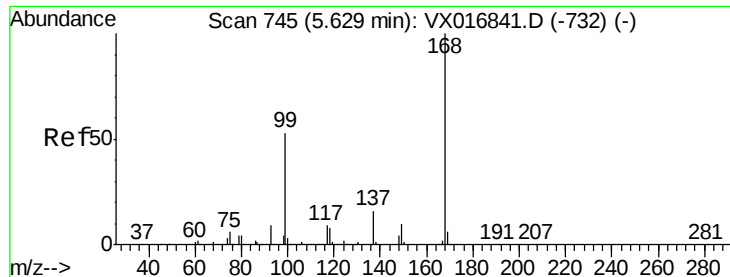
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	86741	43.960	ug/l	99
95) Naphthalene	13.82	128	655228	51.039	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	209743	48.097	ug/l	99

(#) = 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. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

ClientSampleId :

MW-23MS

Tot Ion:168 Resp: 246453

Ion Ratio Lower Upper

168 100

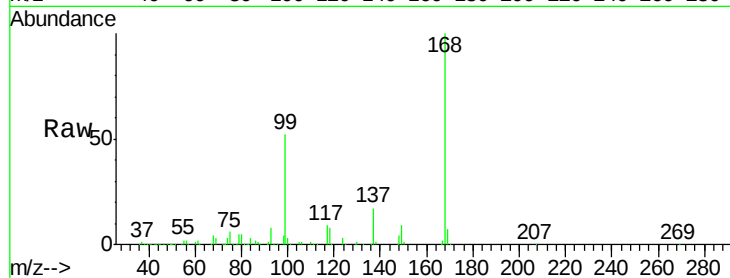
99 52.3 42.2 63.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

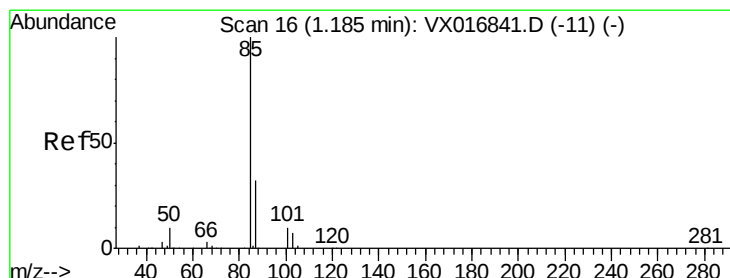
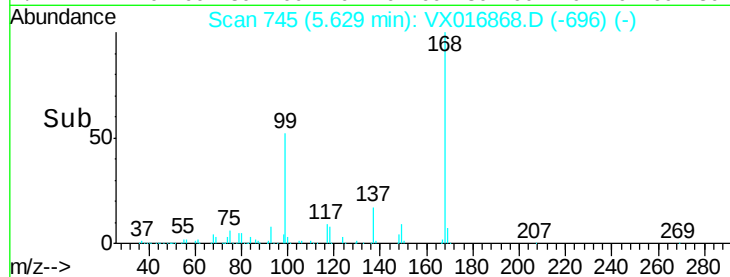
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 60.449 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016868.D

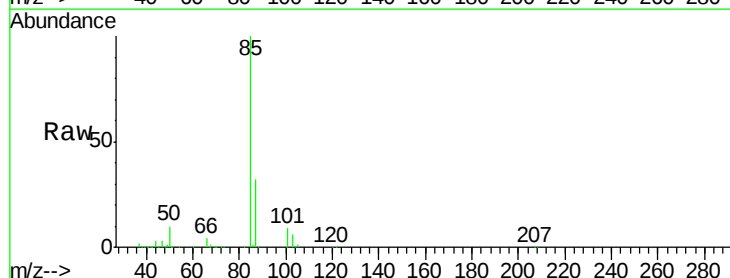
Acq: 19 Jun 2020 03:19

Tgt Ion: 85 Resp: 182829

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

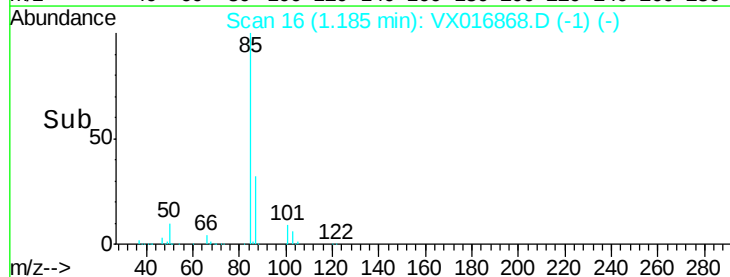
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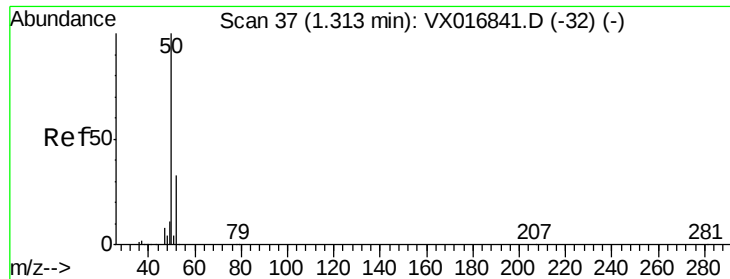
100000

50000

0

Time-->





#3

Chloromethane

Concen: 69.109 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

ClientSampleId :

MW-23MS

Tot Ion: 50 Resp: 211942

Ion Ratio Lower Upper

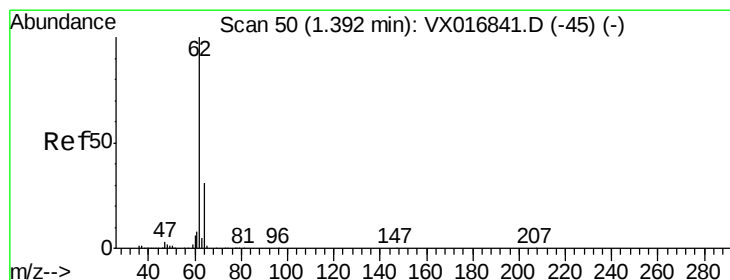
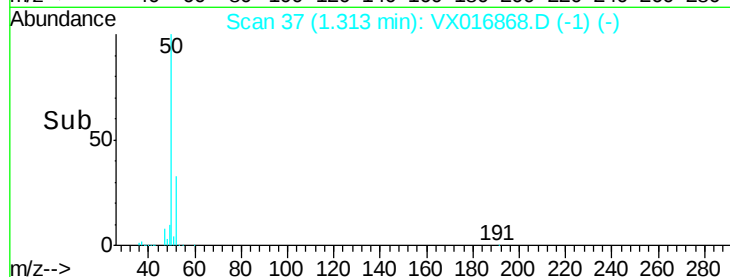
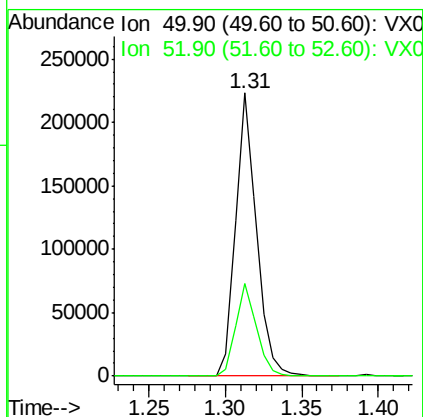
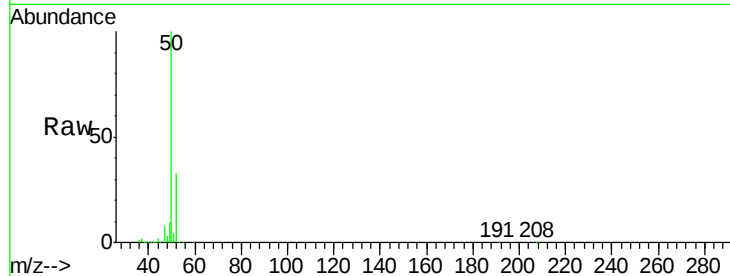
50 100

52 32.6 26.1 39.1

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#4

Vinyl Chloride

Concen: 52.923 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016868.D

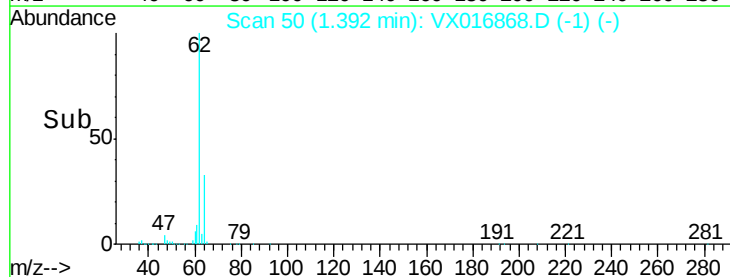
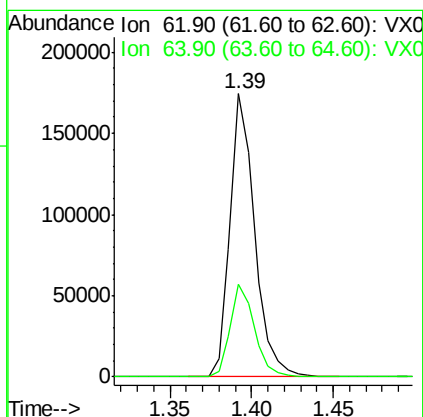
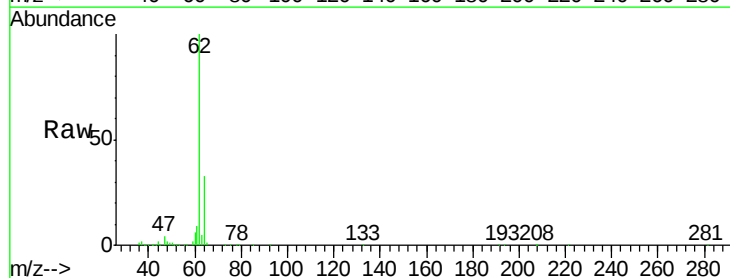
Acq: 19 Jun 2020 03:19

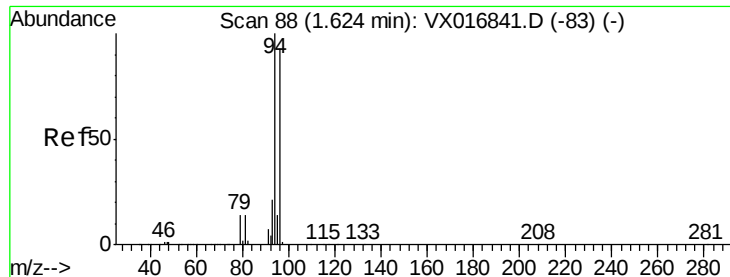
Tgt Ion: 62 Resp: 182926

Ion Ratio Lower Upper

62 100

64 32.9 25.0 37.4





#5

Bromomethane

Concen: 53.750 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

ClientSampled :

MW-23MS

Tot Ion: 94 Resp: 111865

Ion Ratio Lower Upper

94 100

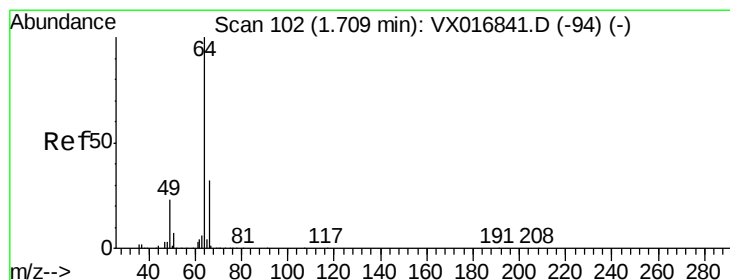
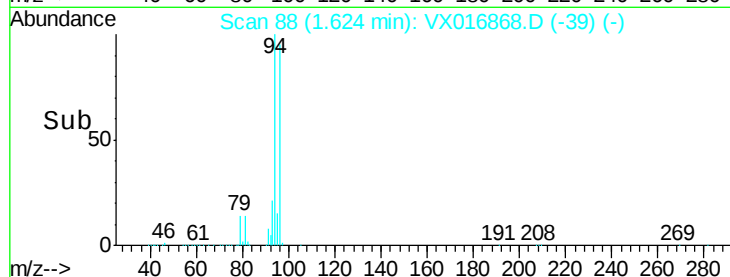
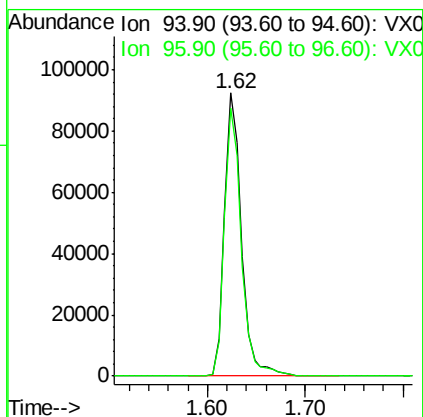
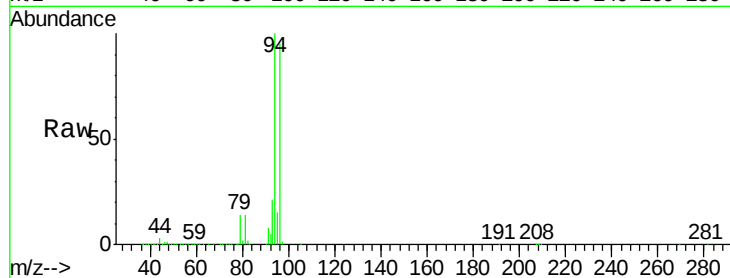
96 94.6 74.4 111.6

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#6

Chloroethane

Concen: 50.105 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016868.D

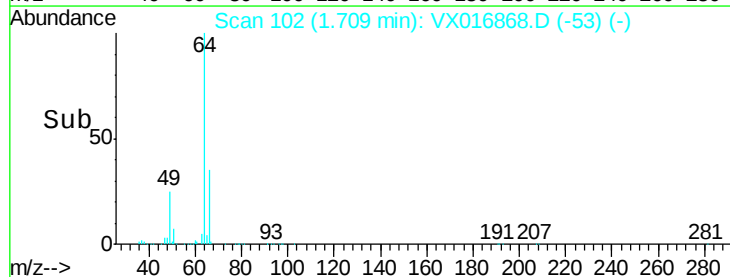
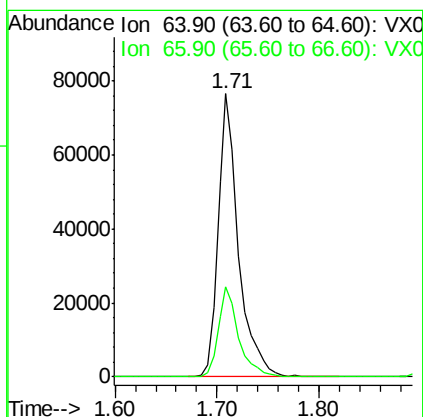
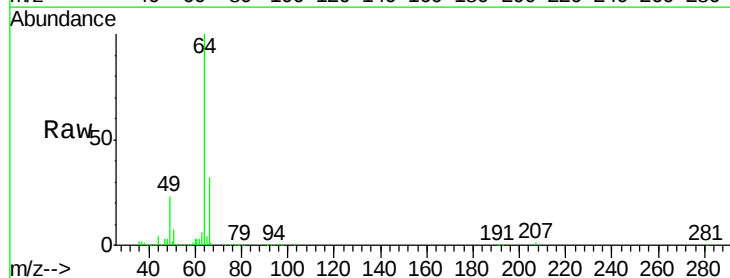
Acq: 19 Jun 2020 03:19

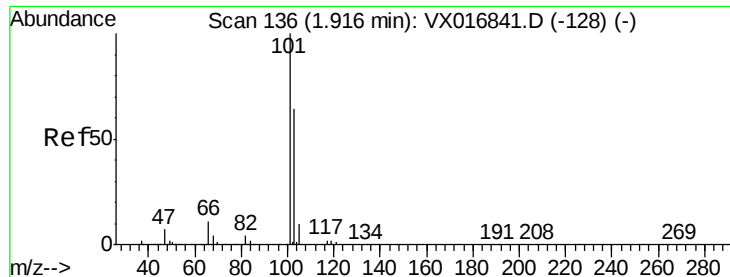
Tgt Ion: 64 Resp: 106664

Ion Ratio Lower Upper

64 100

66 31.7 25.7 38.5





#7

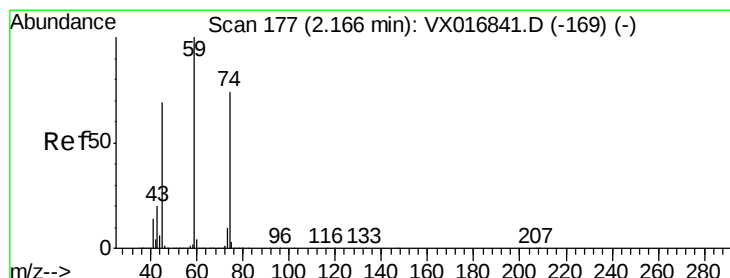
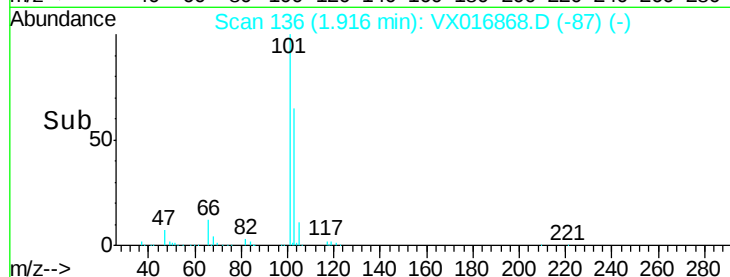
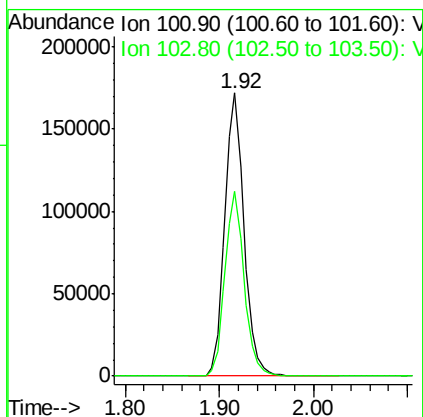
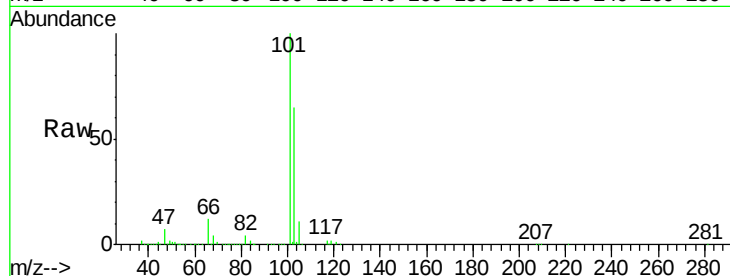
Trichlorofluoromethane
Concen: 50.548 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016868.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		244419		
103	65.3	51.2	76.8		

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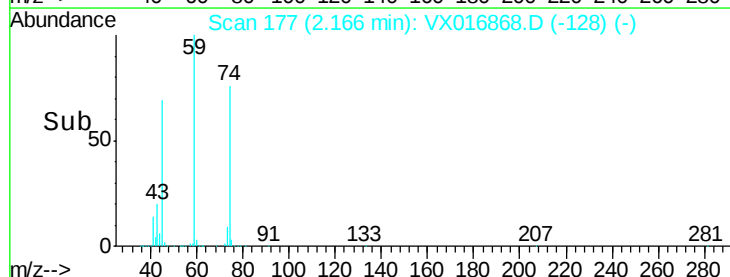
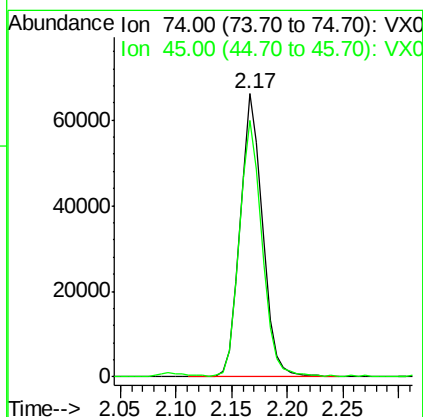
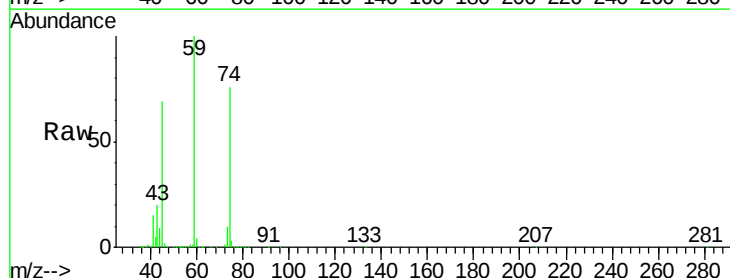
MMDadoda
6/19/2020 12:50:46 PM

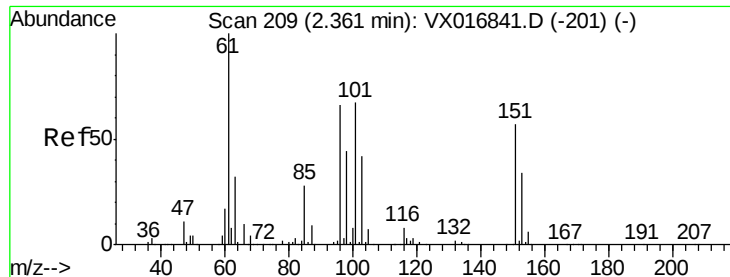


#8

Diethyl Ether
Concen: 49.259 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		92606		
45	90.4	45.3	135.8		





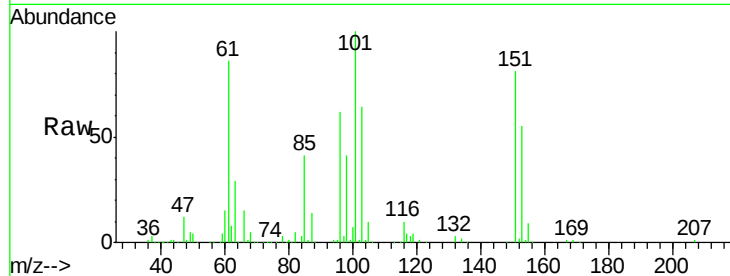
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.309 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX016868.D
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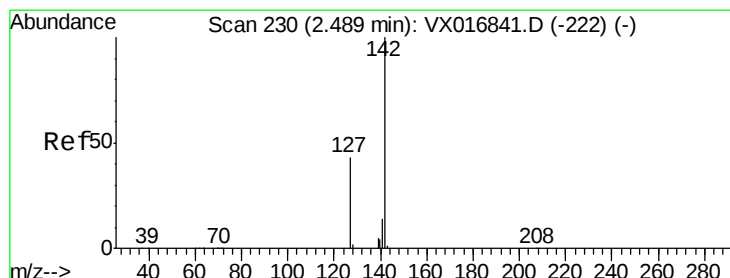
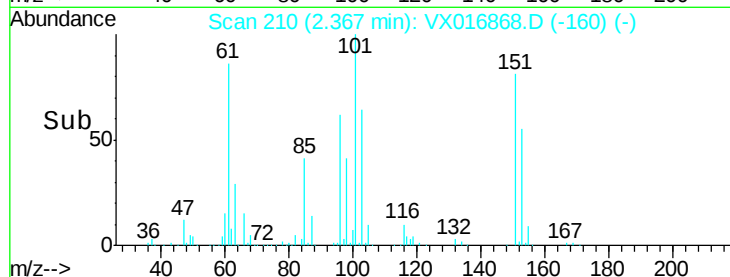
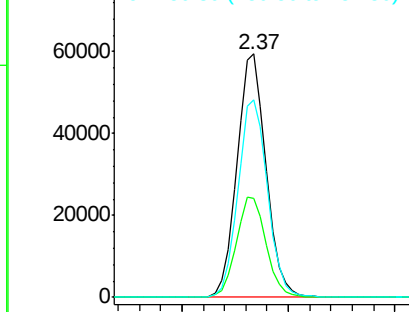
Tot Ion	Ratio	Resp	Lower	Upper
101	100	114123		
85	42.2	34.3	51.5	
151	82.4	67.6	101.4	

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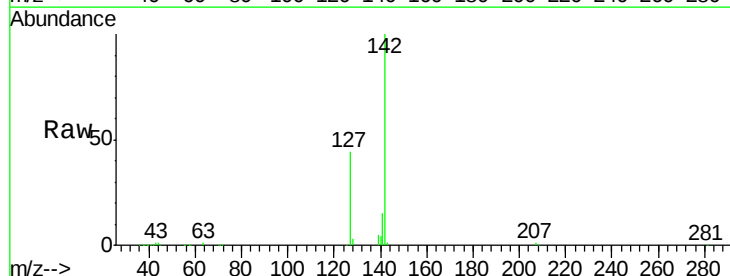


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V

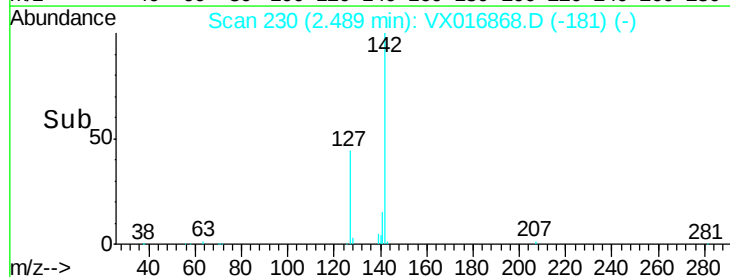
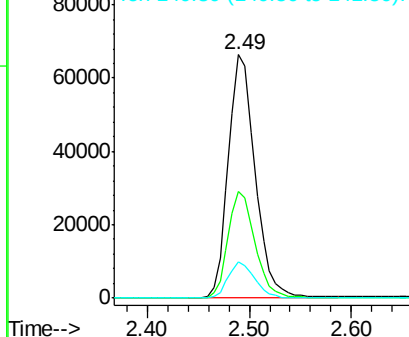


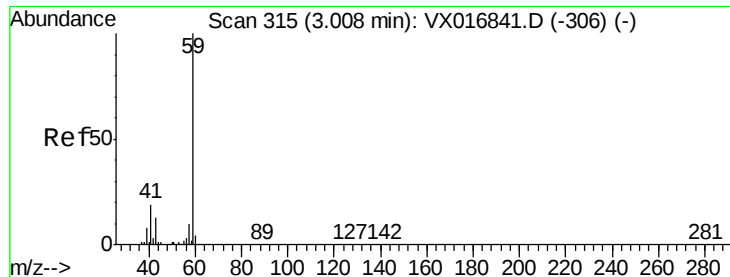
#10
Methyl Iodide
Concen: 49.597 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	121610		
127	44.1	35.1	52.7	
141	14.7	11.6	17.4	



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

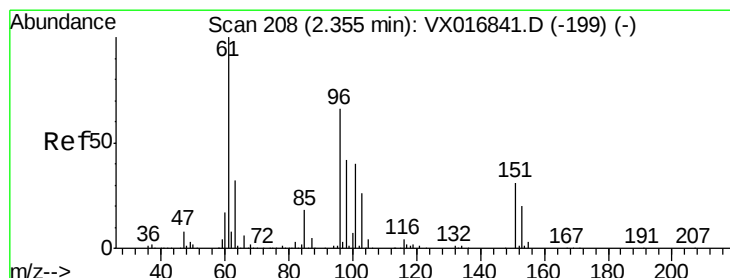
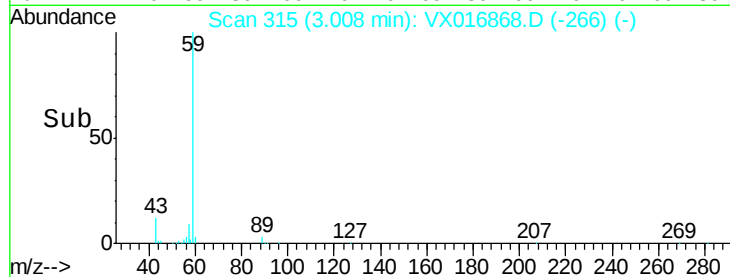
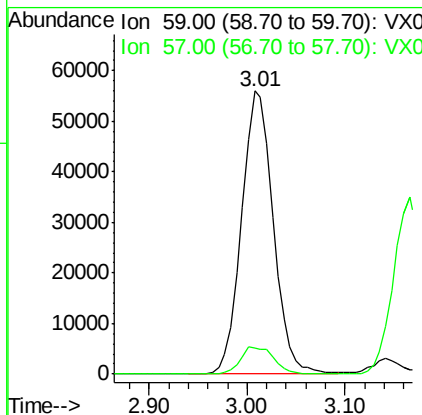
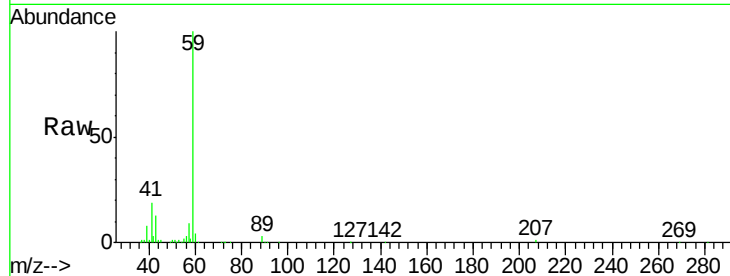
Tert butyl alcohol
Concen: 252.268 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Instrument :
MSVOA_X
ClientSampleId :
MW-23MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.4	12.6

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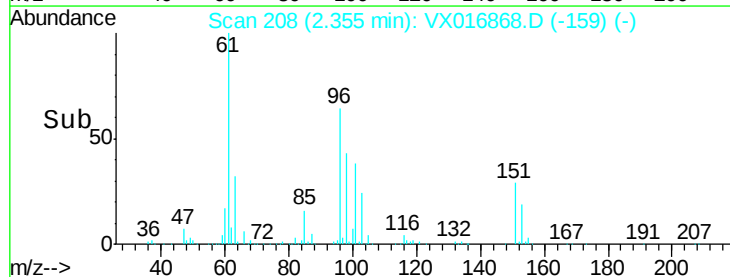
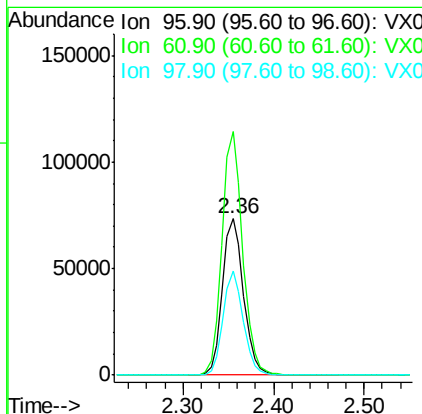
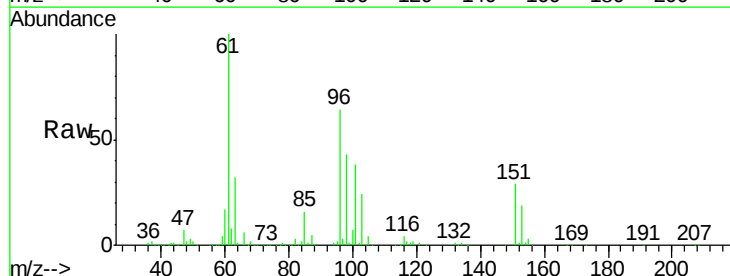
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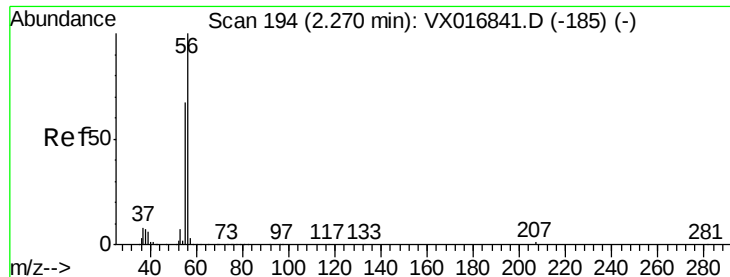


#12

1,1-Dichloroethene
Concen: 45.233 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.8	121.7	182.5
98	66.8	51.1	76.7





#13

Acrolein

Concen: 243.987 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

ClientSampled :

MW-23MS

Tot Ion: 56 Resp: 74123

Ion Ratio Lower Upper

56 100

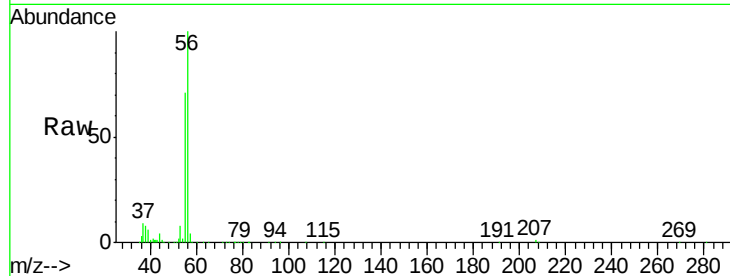
55 70.4 55.7 83.5

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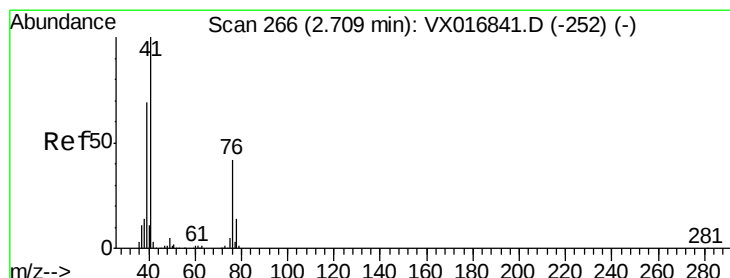
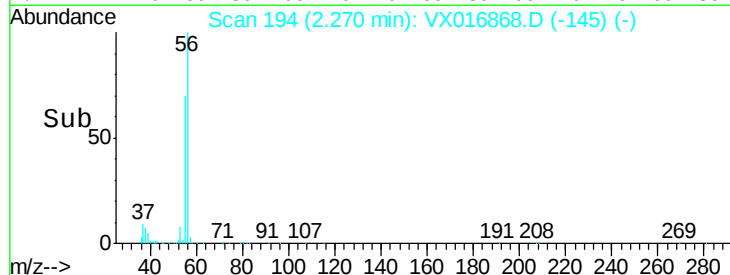
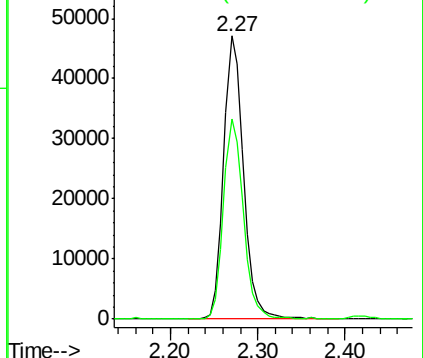
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.324 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

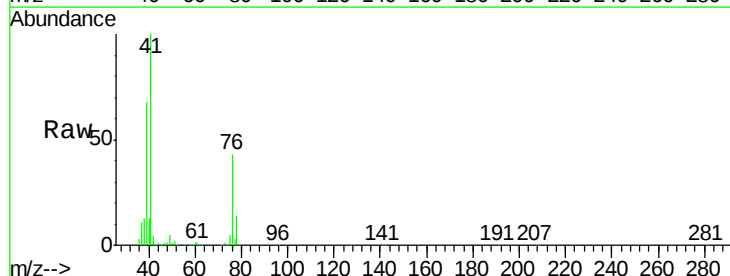
Tgt Ion: 41 Resp: 168345

Ion Ratio Lower Upper

41 100

39 63.1 50.7 76.1

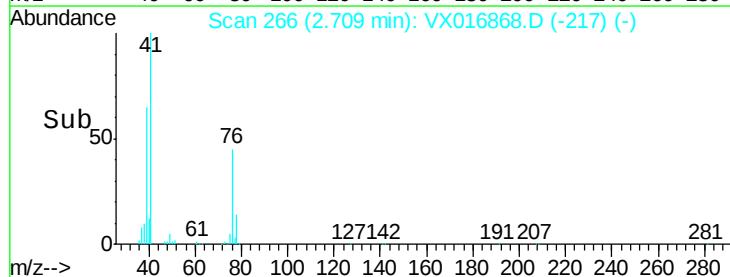
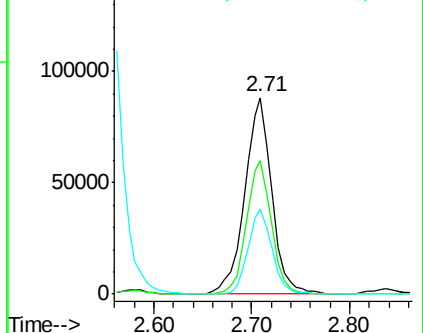
76 38.4 30.9 46.3

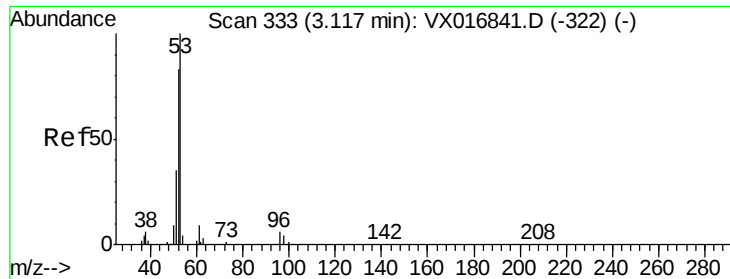


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 272.987 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

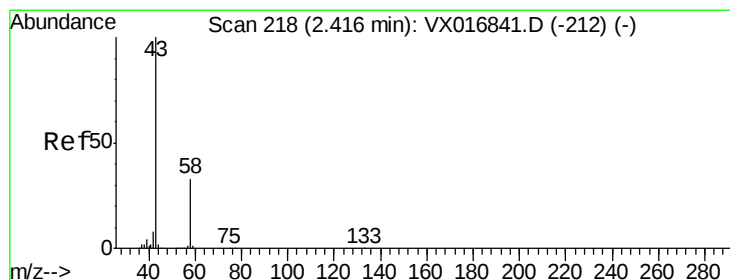
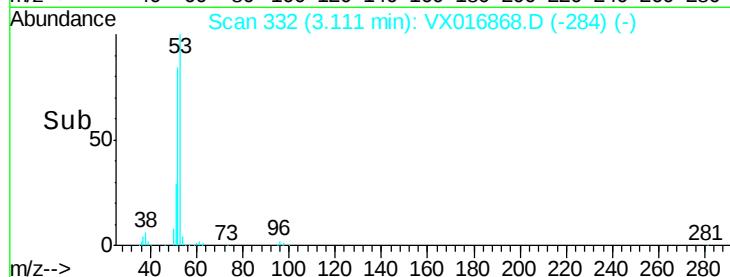
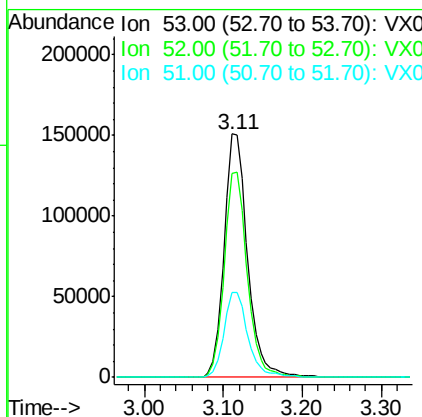
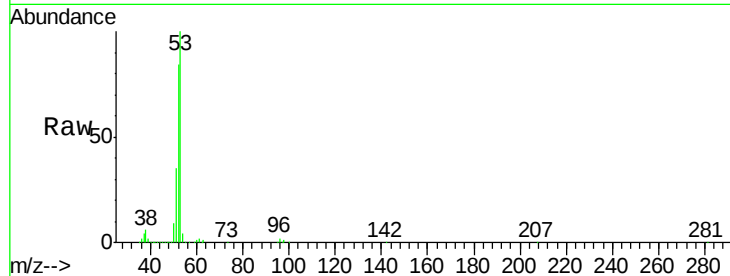
ClientSampleId :

MW-23MS

Tot Ion:	53	Resp:	313459
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.2	99.2
51	36.1	28.7	43.1

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#16

Acetone

Concen: 234.374 ug/l

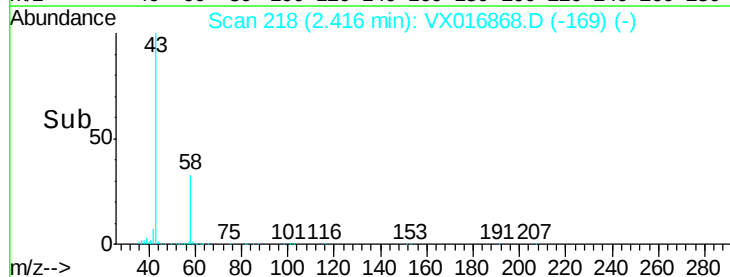
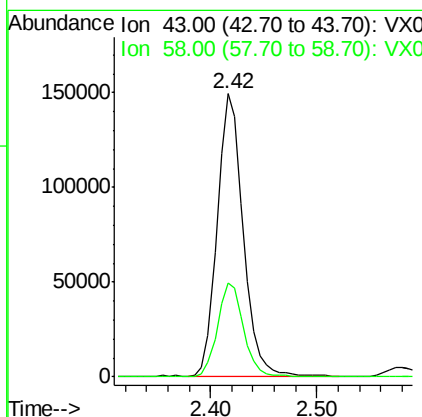
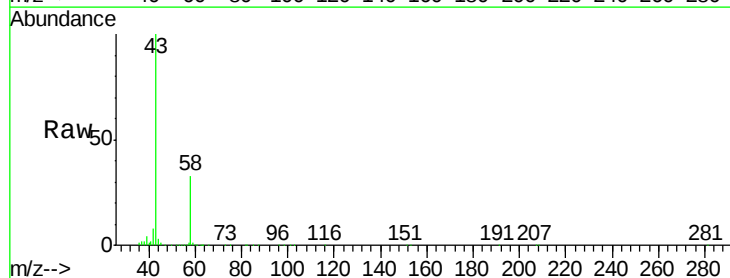
RT: 2.42 min Scan# 218

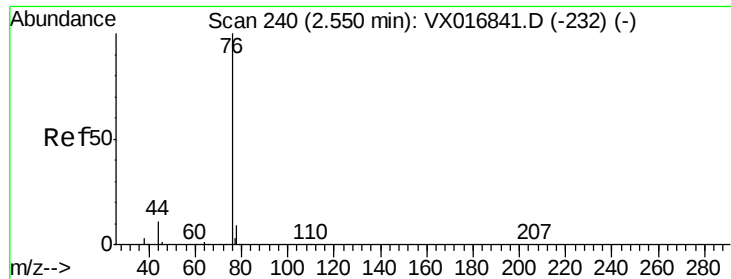
Delta R.T. 0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Tgt Ion:	43	Resp:	252186
Ion Ratio	Lower	Upper	
43	100		
58	33.3	26.6	39.8





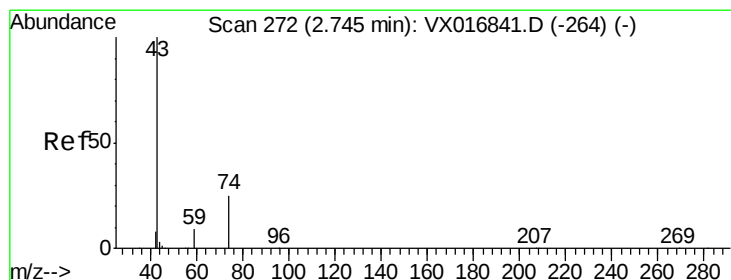
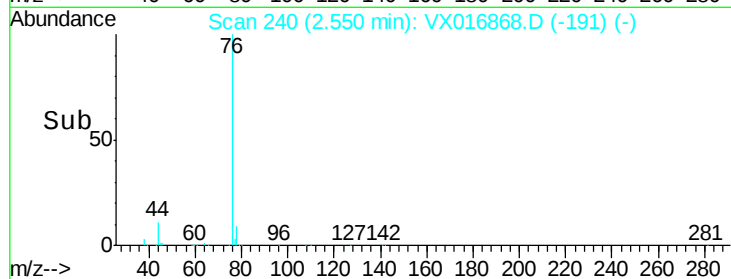
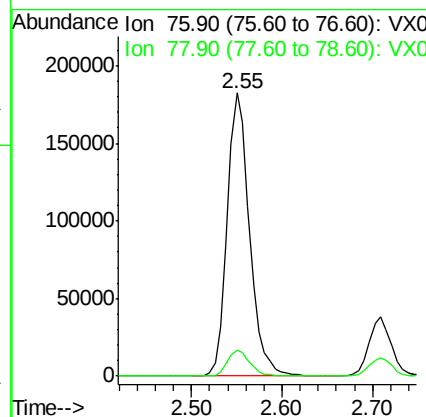
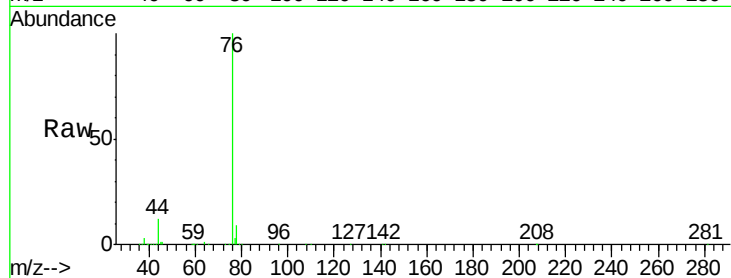
#17
Carbon Disulfide
Concen: 46.065 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Instrument :
MSVOA_X
ClientSampleId :
MW-23MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

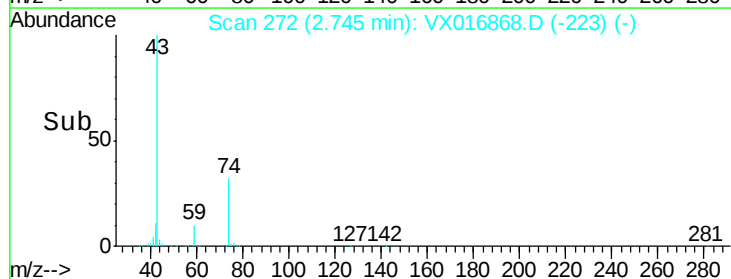
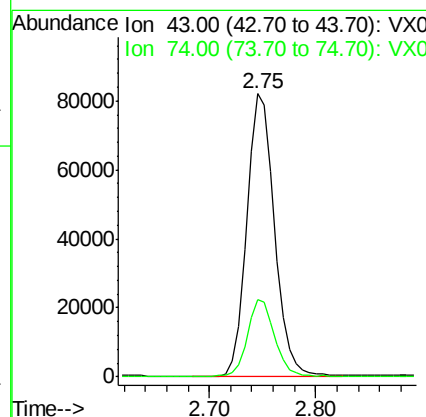
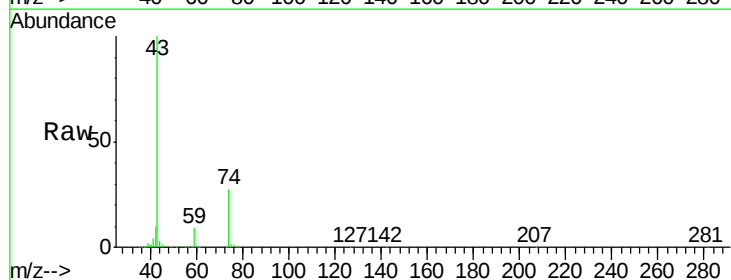
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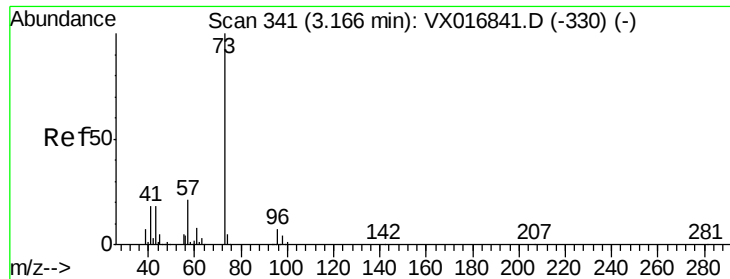
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#18
Methyl Acetate
Concen: 54.872 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.1	21.8	32.8





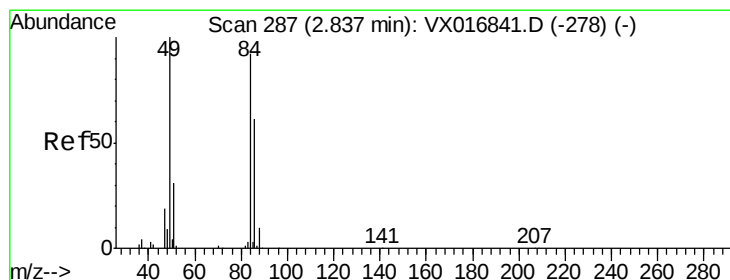
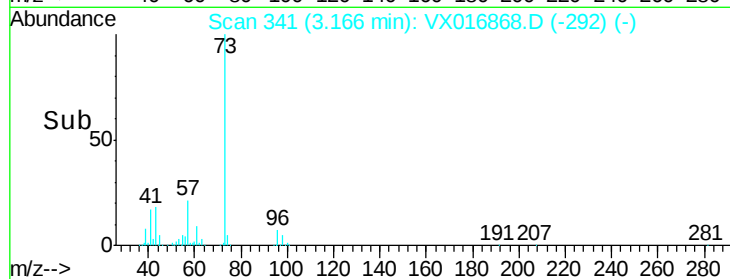
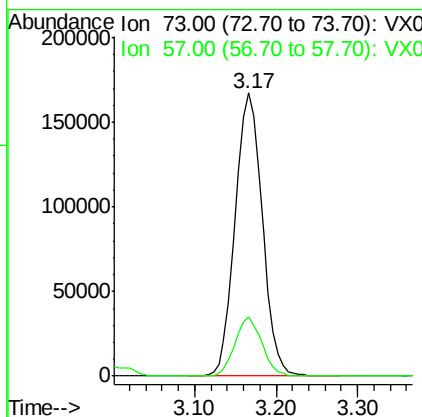
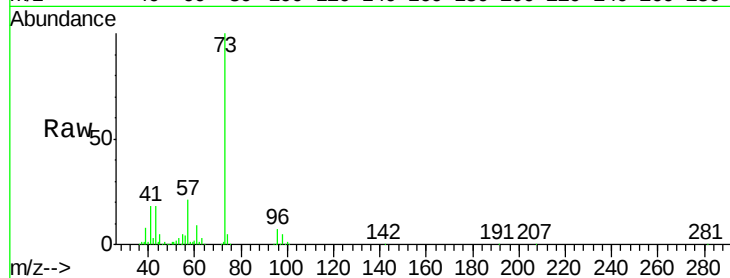
#19
Methyl tert-butyl Ether
Concen: 51.293 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Instrument :
MSVOA_X
ClientSampleId :
MW-23MS

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	21.0	16.9	25.3

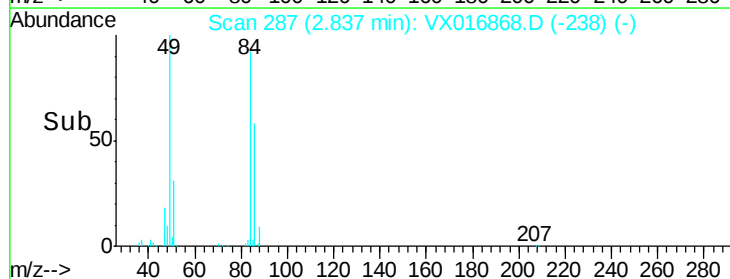
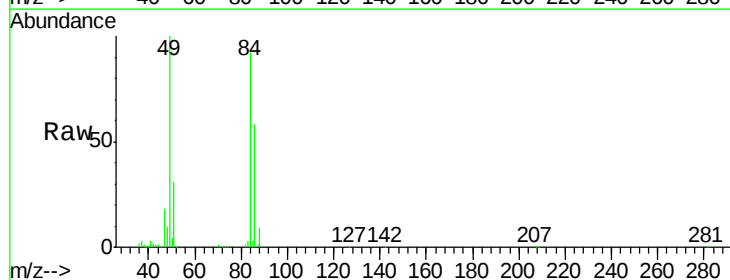
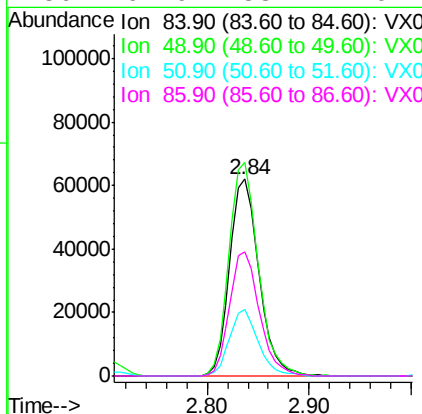
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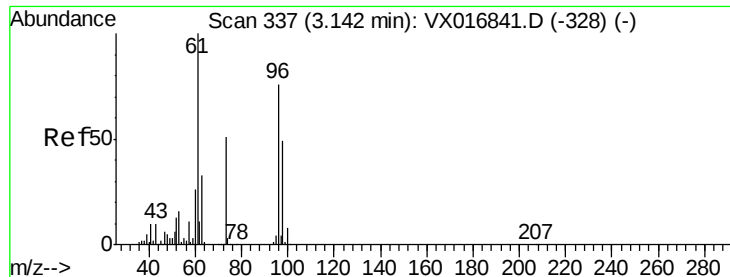
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#20
Methylene Chloride
Concen: 47.812 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	108.4	86.6	129.8
51	51	33.7	27.1	40.7
86	86	62.9	53.1	79.7





#21

trans-1,2-Dichloroethene

Concen: 49.138 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

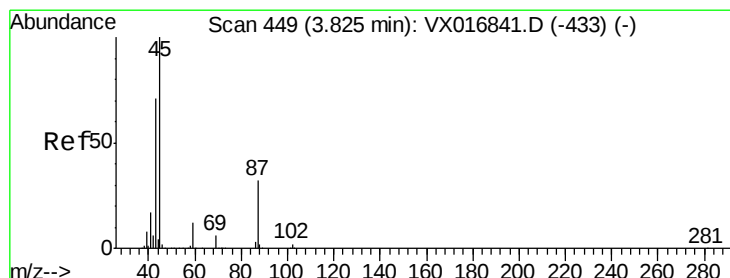
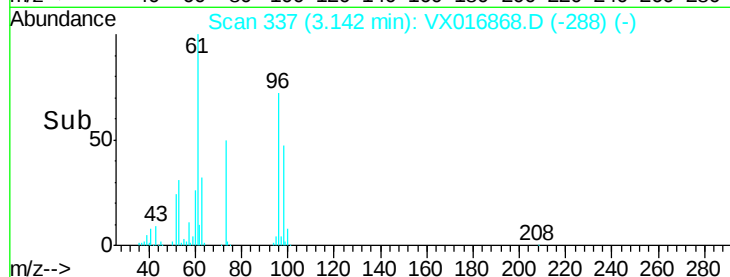
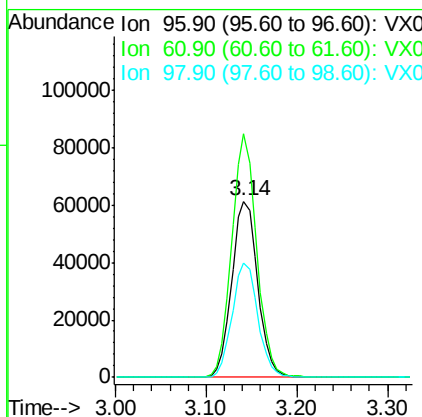
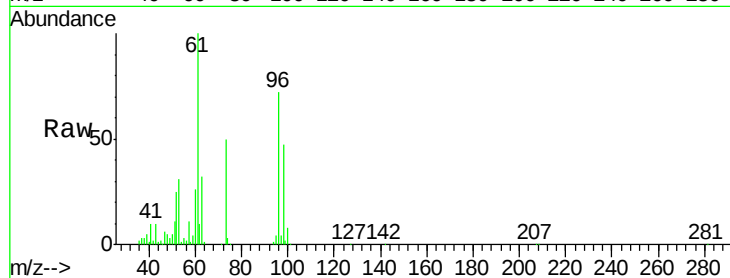
ClientSampled :

MW-23MS

Tot Ion:	96	Resp:	122160
Ion	Ratio	Lower	Upper
96	100		
61	138.1	105.4	158.0
98	64.5	51.3	76.9

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#22

Diisopropyl ether

Concen: 50.604 ug/l

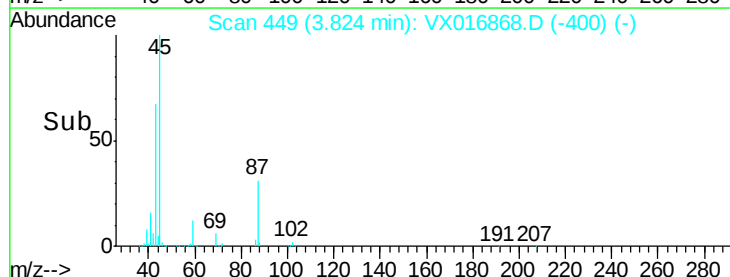
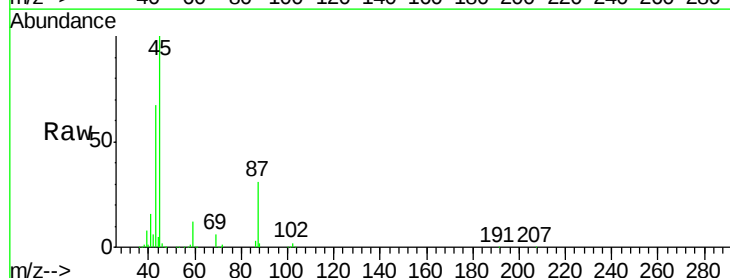
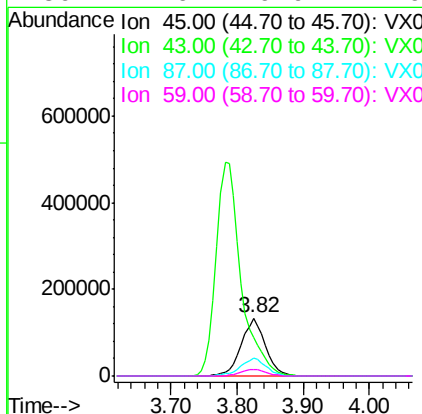
RT: 3.82 min Scan# 449

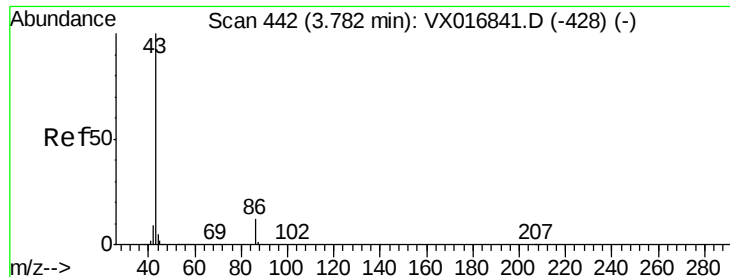
Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Tgt Ion:	45	Resp:	337761
Ion	Ratio	Lower	Upper
45	100		
43	67.0	57.0	85.4
87	30.7	25.2	37.8
59	11.6	9.9	14.9





#23

Vinyl Acetate

Concen: 234.560 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

ClientSampled :

MW-23MS

Tot Ion: 43 Resp: 1290966

Ion Ratio Lower Upper

43 100

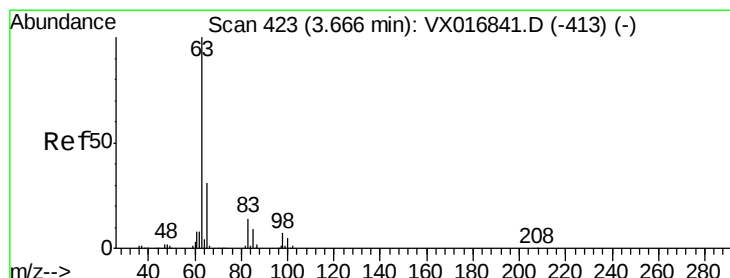
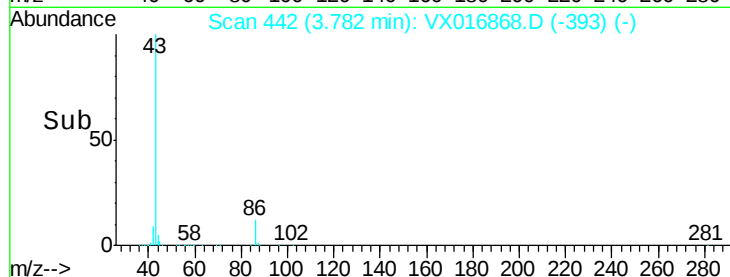
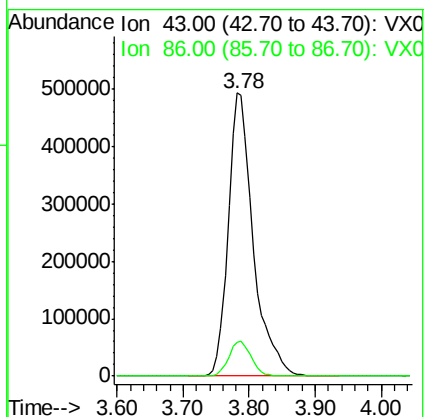
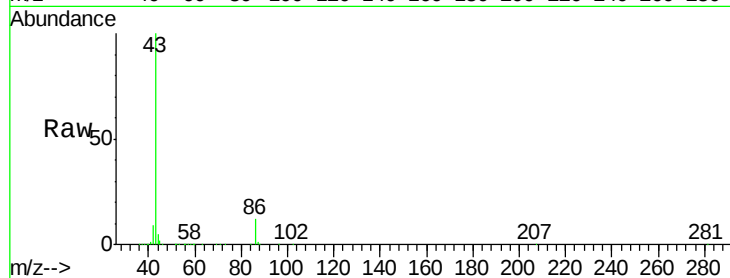
86 12.2 9.9 14.9

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#24

1,1-Dichloroethane

Concen: 49.447 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

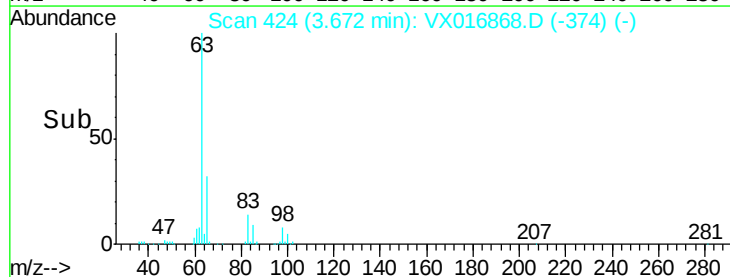
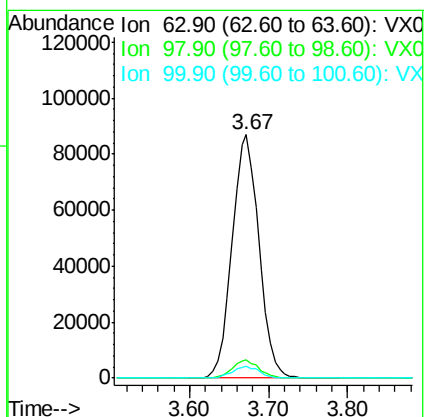
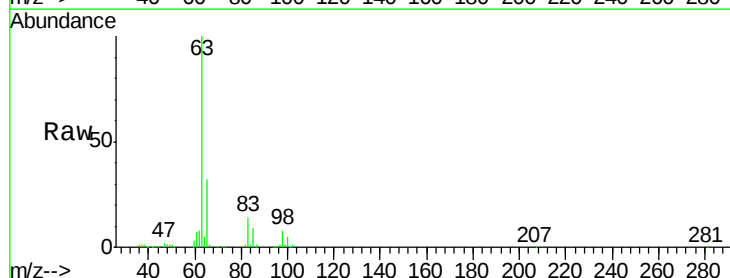
Tgt Ion: 63 Resp: 206157

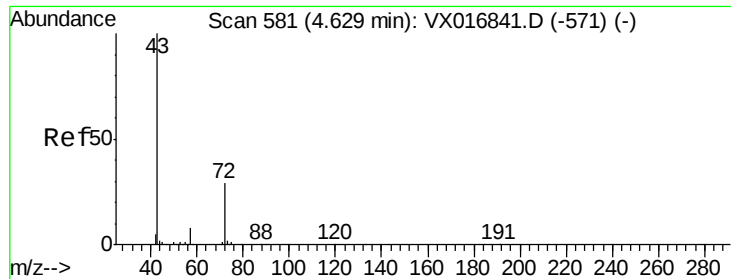
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.9

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 312.948 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

ClientSampleId :

MW-23MS

Tot Ion: 43 Resp: 463428

Ion Ratio Lower Upper

43 100

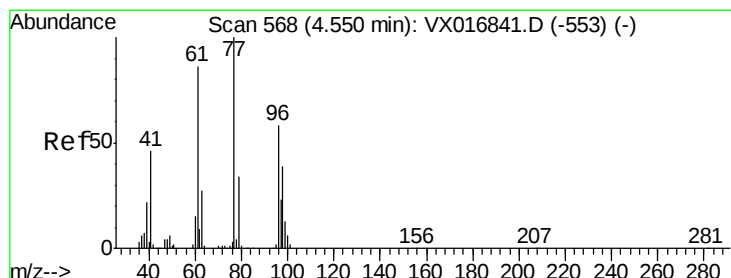
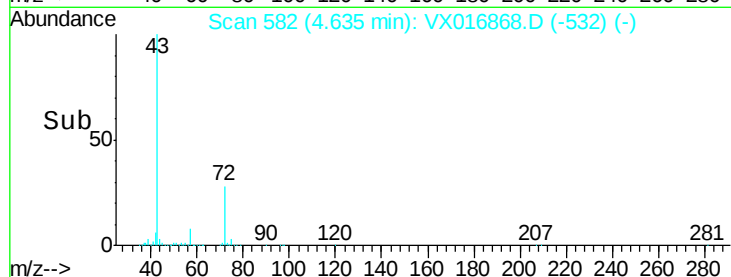
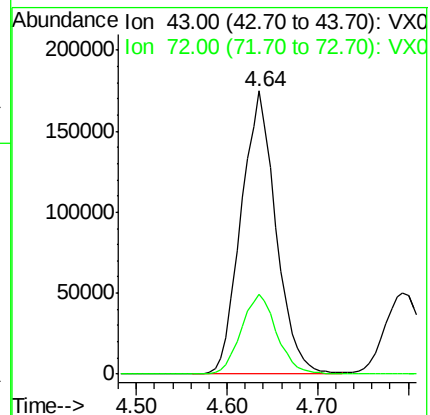
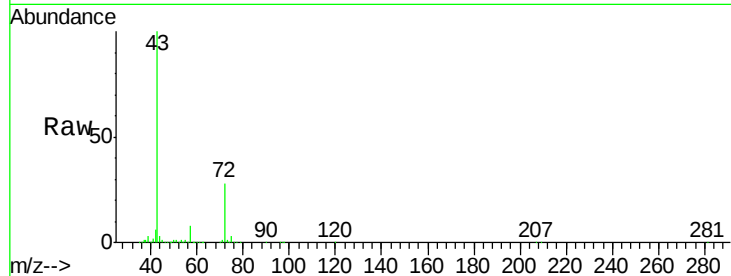
72 28.1 23.5 35.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.286 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016868.D

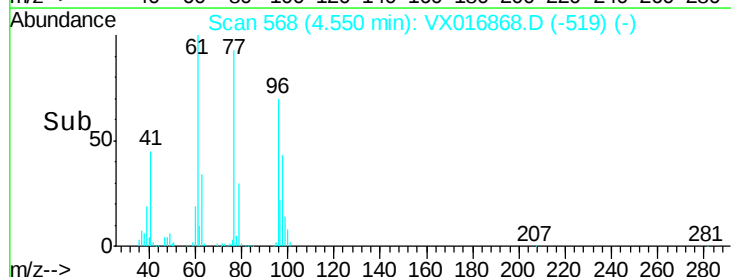
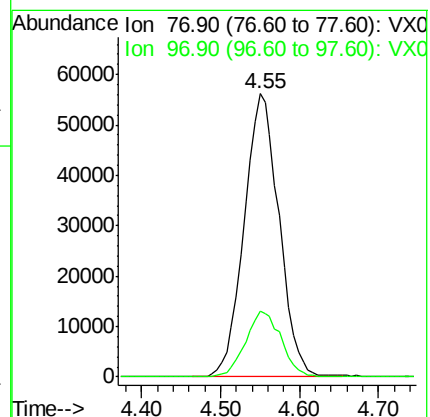
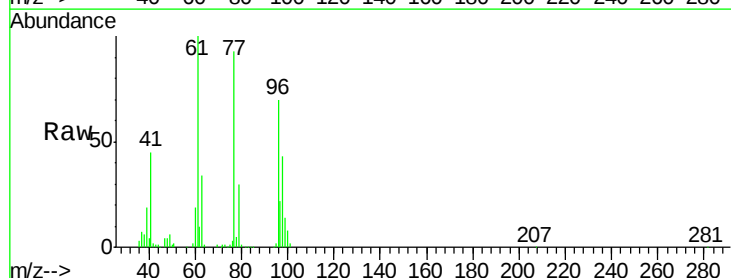
Acq: 19 Jun 2020 03:19

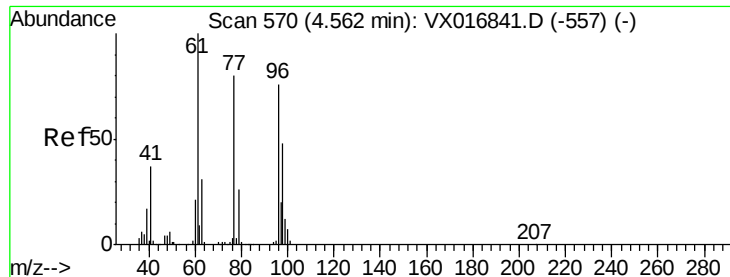
Tgt Ion: 77 Resp: 172984

Ion Ratio Lower Upper

77 100

97 23.6 11.6 34.7





#27

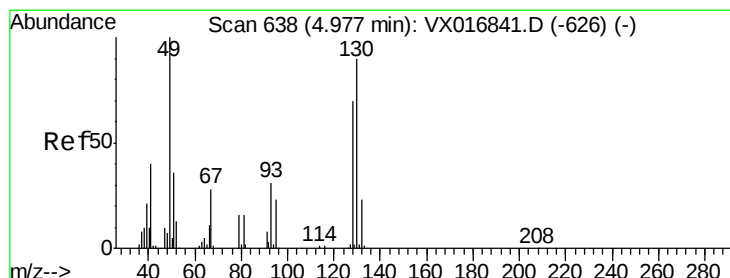
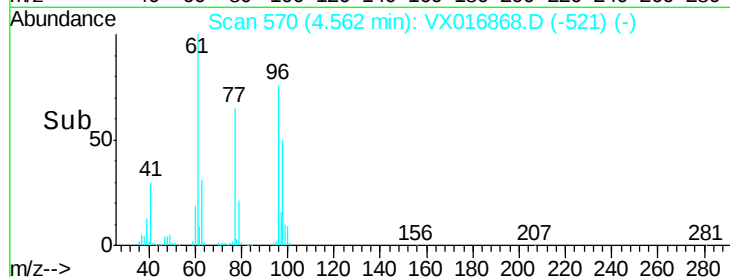
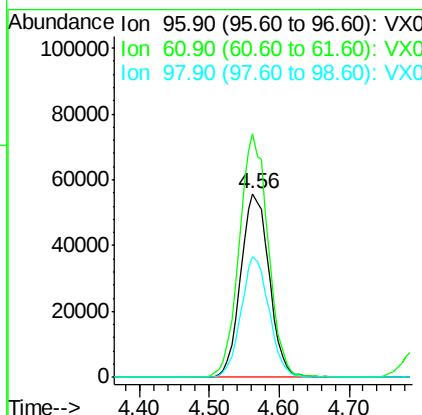
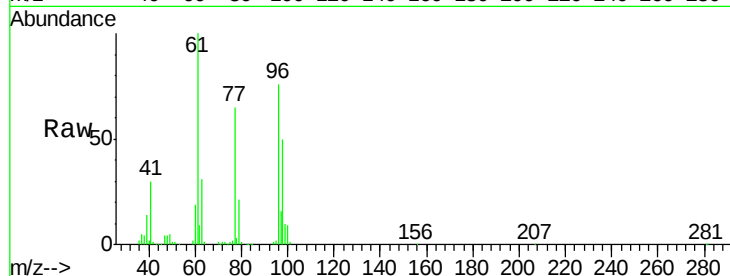
cis-1,2-Dichloroethene
Concen: 56.484 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Instrument :
MSVOA_X
ClientSampleId :
MW-23MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	157831		
61	134.6	0.0	273.8	
98	64.5	0.0	129.0	

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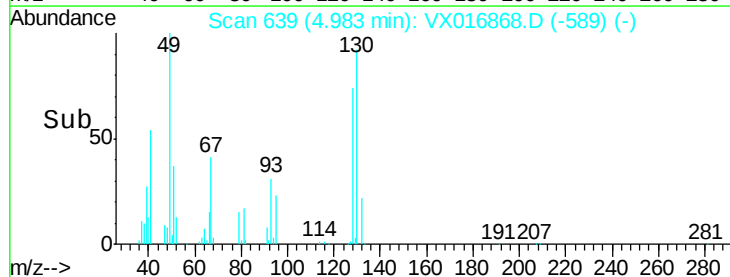
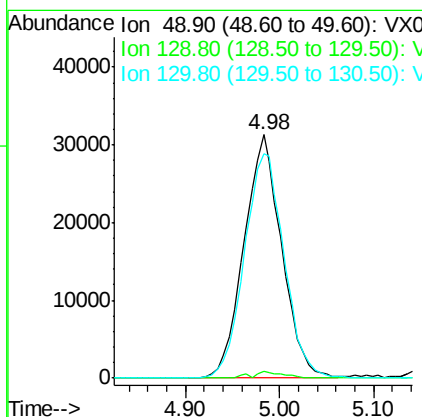
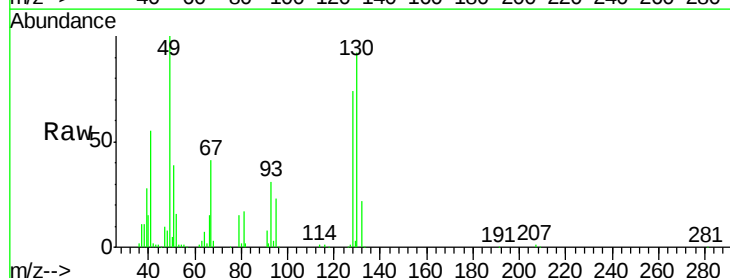
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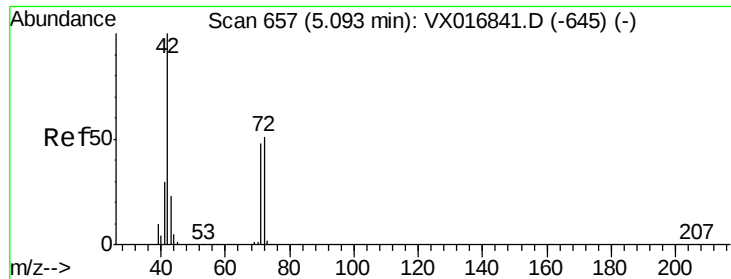


#28

Bromochloromethane
Concen: 50.701 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	87734		
129	1.8	0.0	5.0	
130	97.1	76.8	115.2	





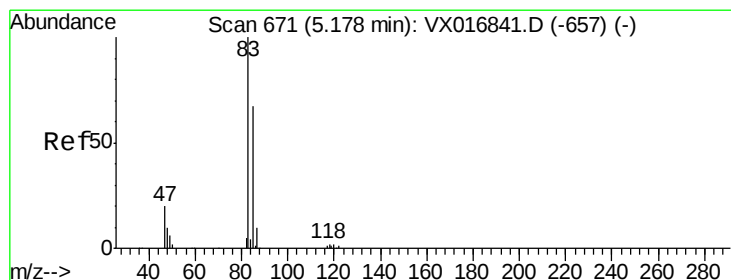
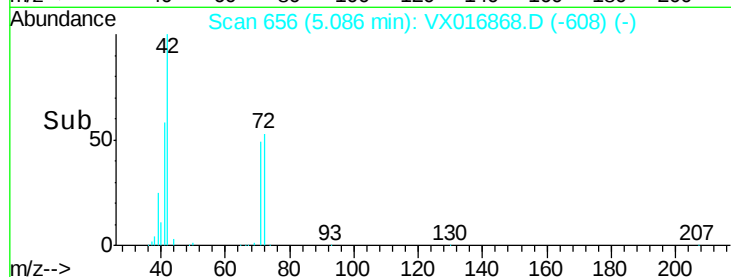
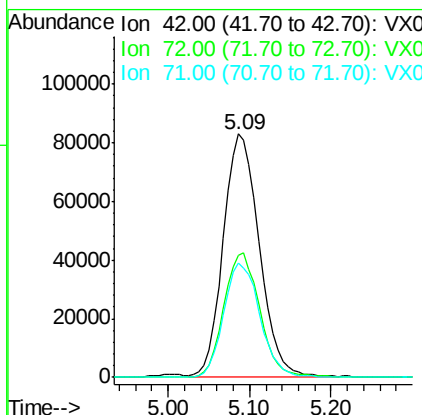
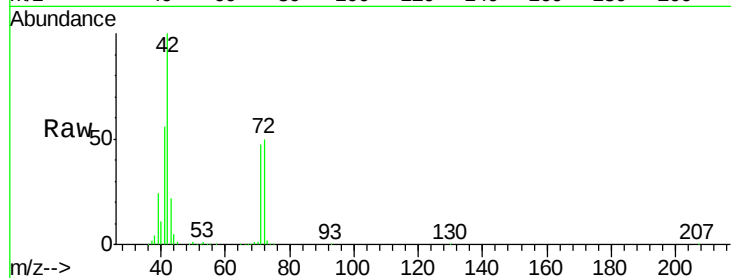
#29
Tetrahydrofuran
Concen: 270.372 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Instrument :
MSVOA_X
ClientSampleId :
MW-23MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.6	41.1	61.7
71	47.6	38.4	57.6

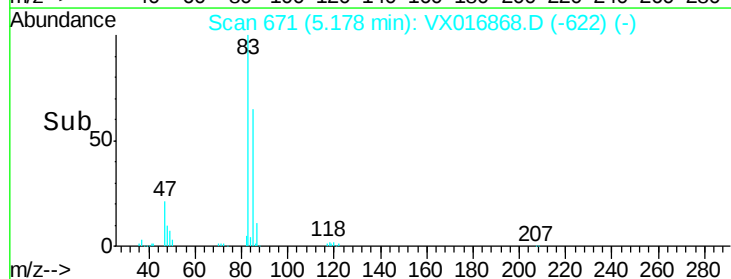
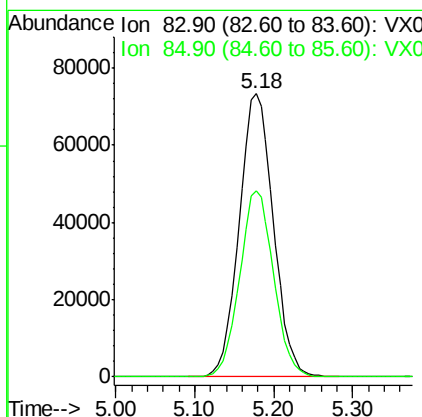
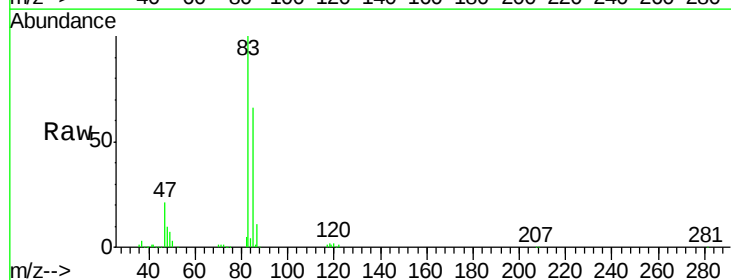
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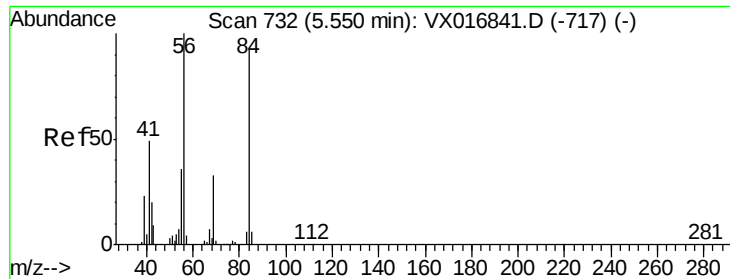
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#30
Chloroform
Concen: 50.125 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	53.4	80.0





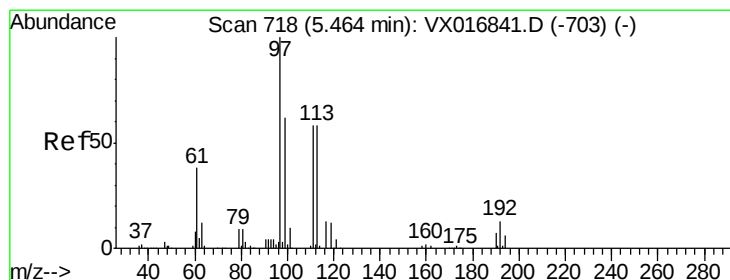
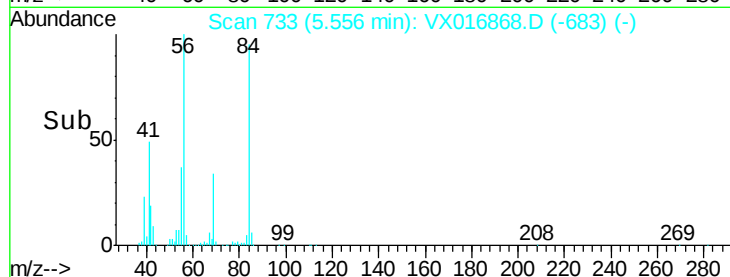
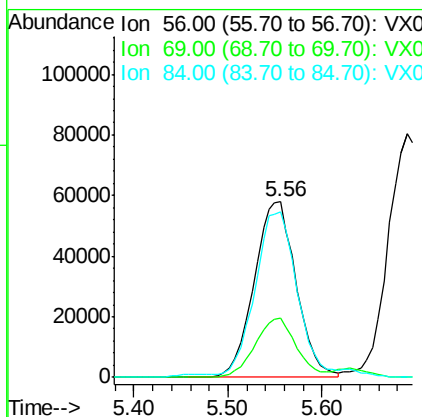
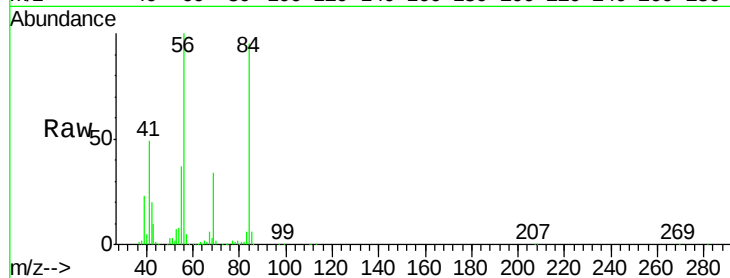
#31
Cyclohexane
Concen: 49.385 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Instrument :
MSVOA_X
ClientSampleId :
MW-23MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.0	26.1	39.1
84	92.7	73.0	109.6

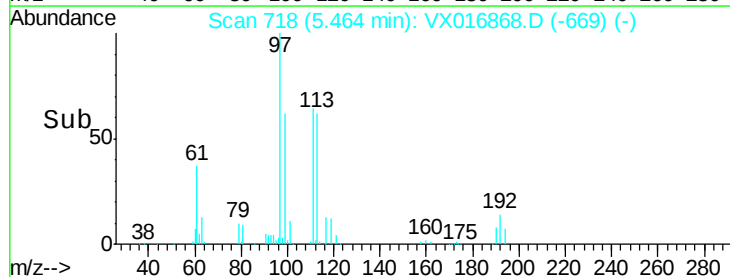
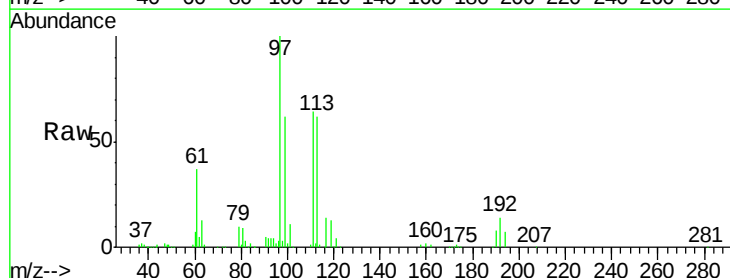
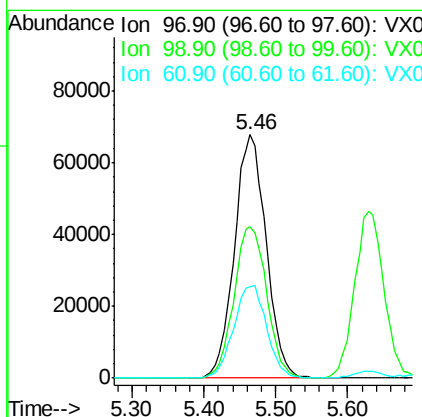
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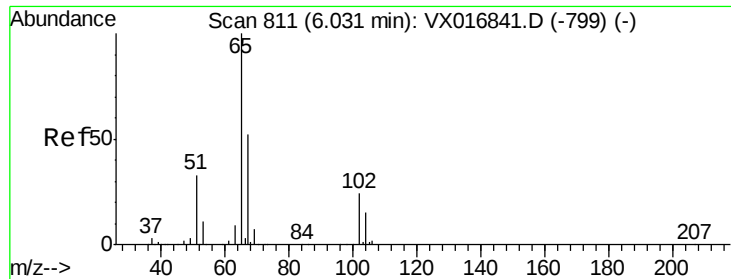
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#32
1,1,1-Trichloroethane
Concen: 49.686 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.3	76.9
61	39.6	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 59.445 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

ClientSampleId :

MW-23MS

Tot Ion: 65 Resp: 176197

Ion Ratio Lower Upper

65 100

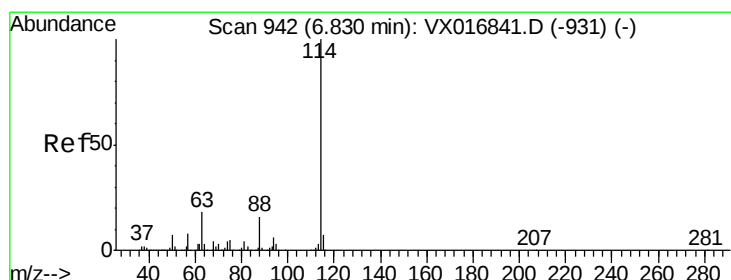
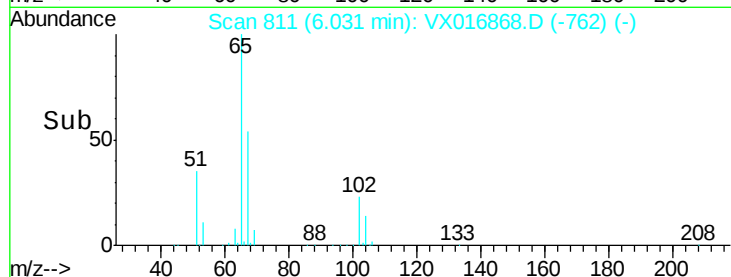
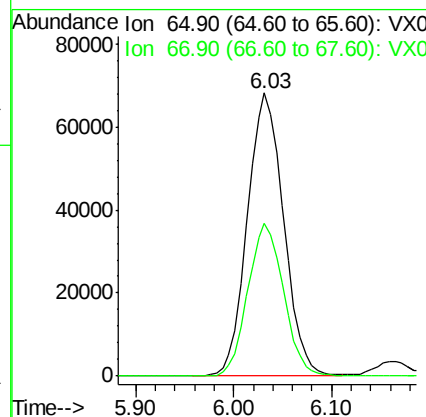
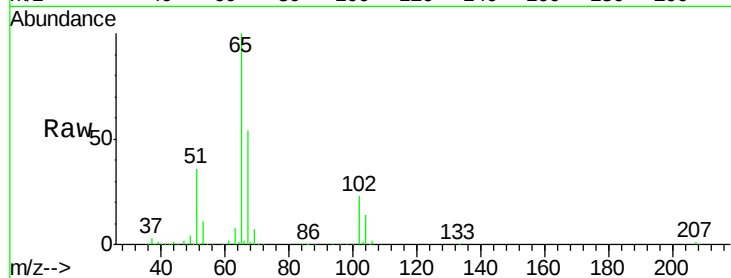
67 53.2 0.0 102.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

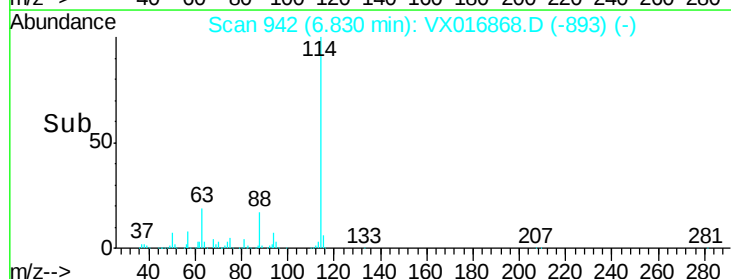
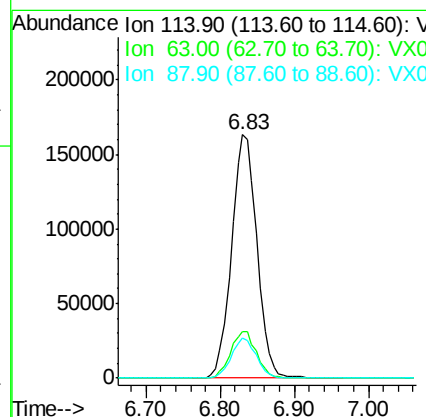
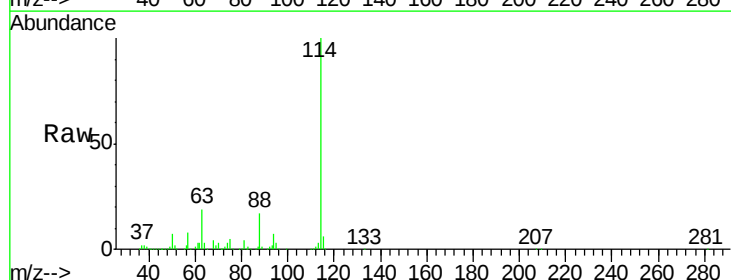
Tgt Ion: 114 Resp: 388360

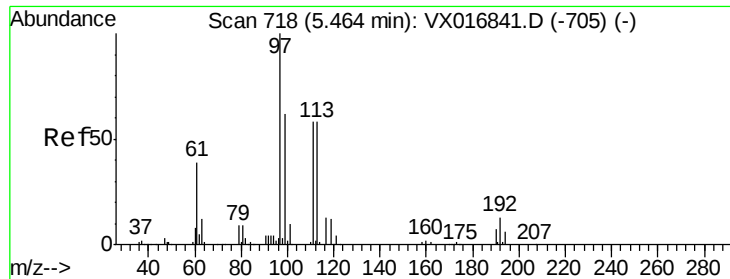
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.0

88 16.6 0.0 32.0





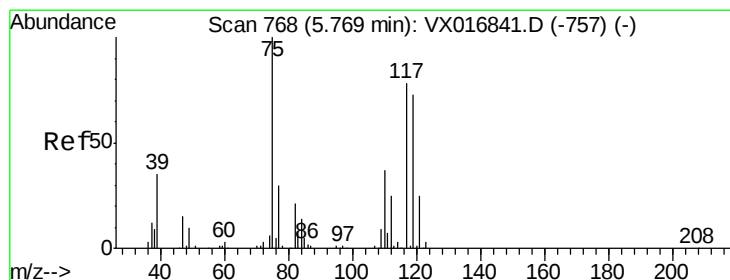
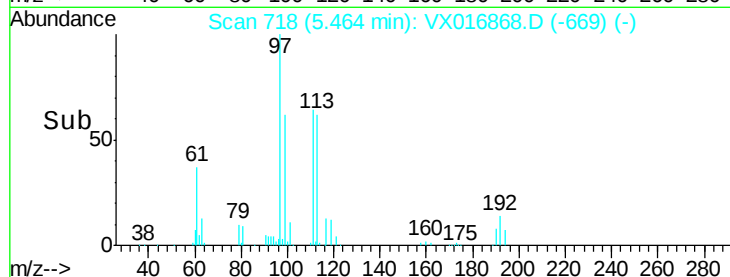
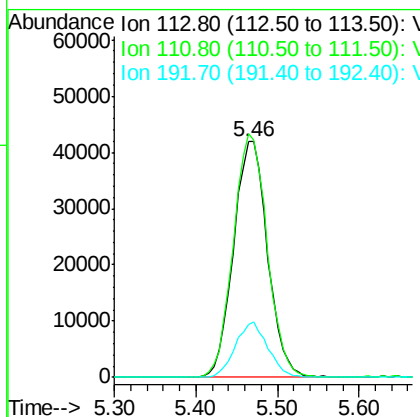
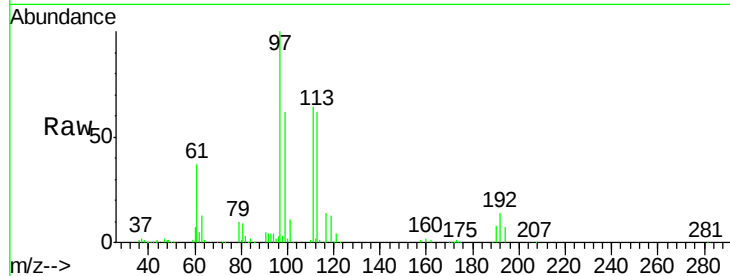
#35
Dibromofluoromethane
Concen: 48.636 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Instrument :
MSVOA_X
ClientSampleId :
MW-23MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	120828		
111	102.9	81.0	121.4	
192	22.7	18.5	27.7	

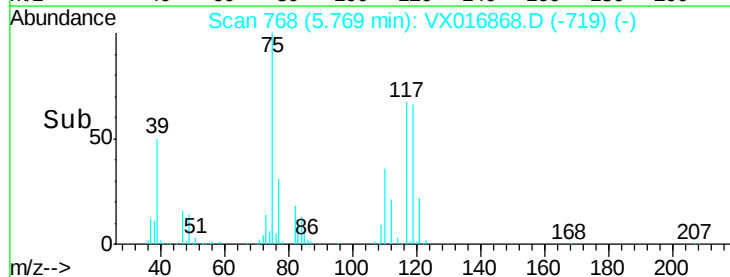
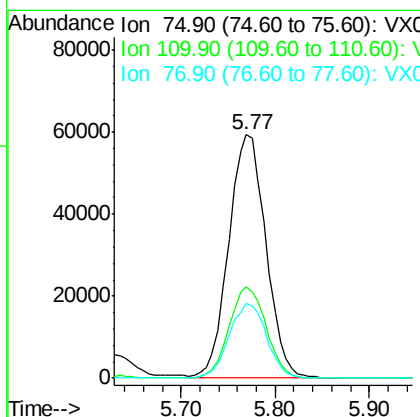
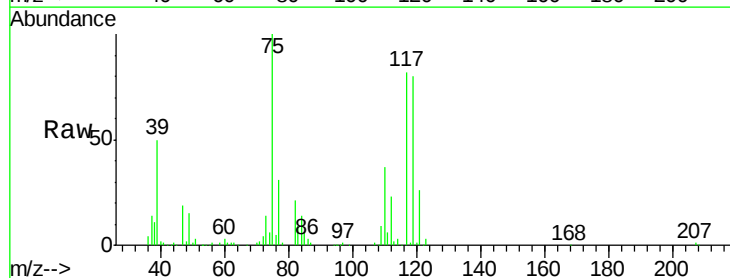
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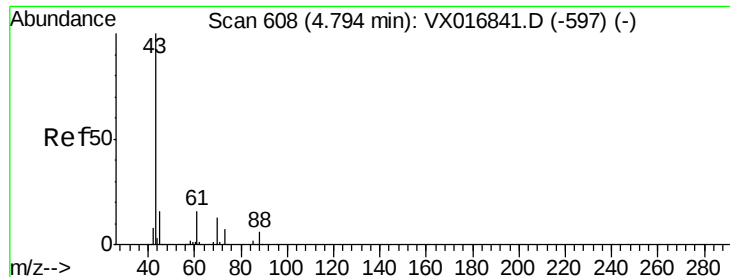
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#36
1,1-Dichloropropene
Concen: 45.116 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	161779		
110	37.7	18.9	56.9	
77	31.3	25.6	38.4	





#37

Ethyl Acetate

Concen: 46.950 ug/l

RT: 4.79 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

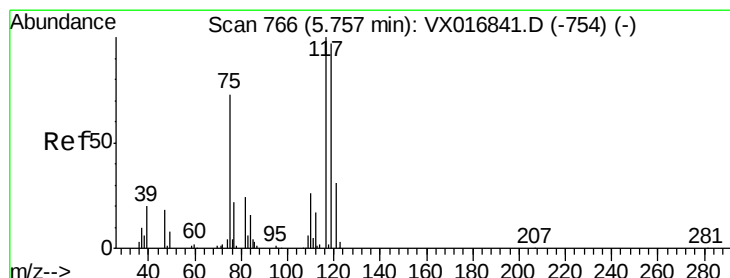
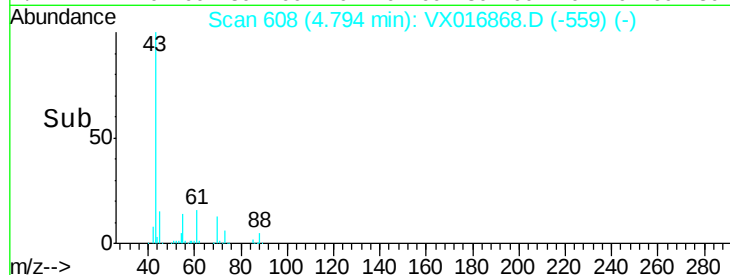
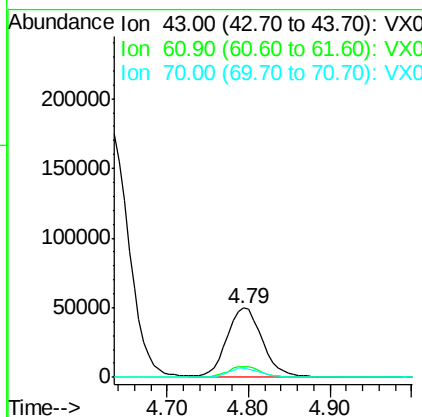
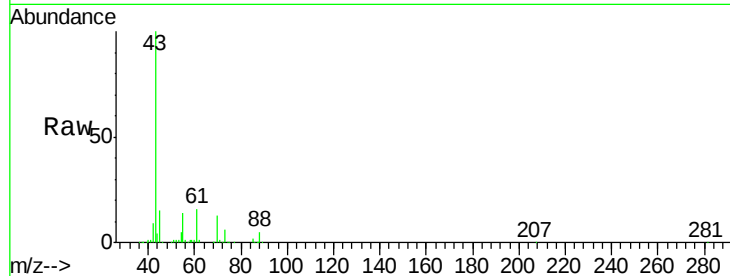
ClientSampleId :

MW-23MS

Tot Ion:	43	Resp:	148753
Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.2	18.2
70	12.6	10.5	15.7

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#38

Carbon Tetrachloride

Concen: 45.988 ug/l

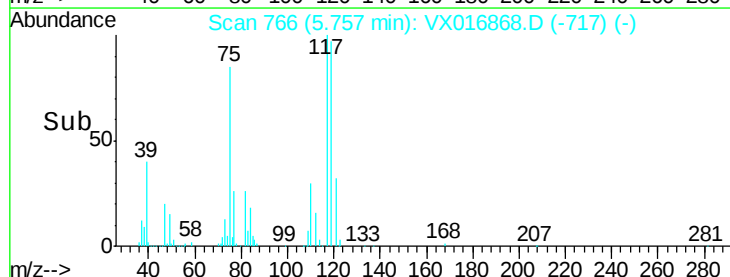
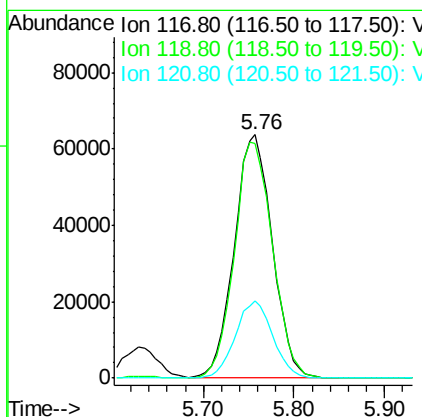
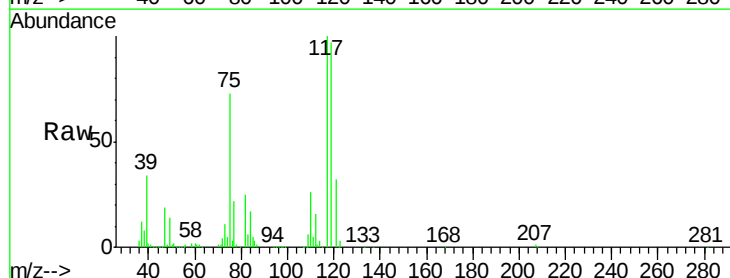
RT: 5.76 min Scan# 766

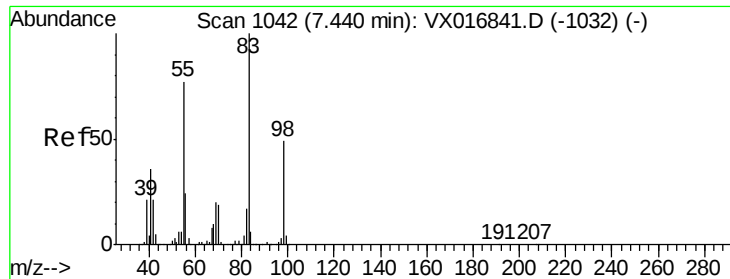
Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Tgt Ion:	117	Resp:	185033
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.2
121	31.7	24.7	37.1





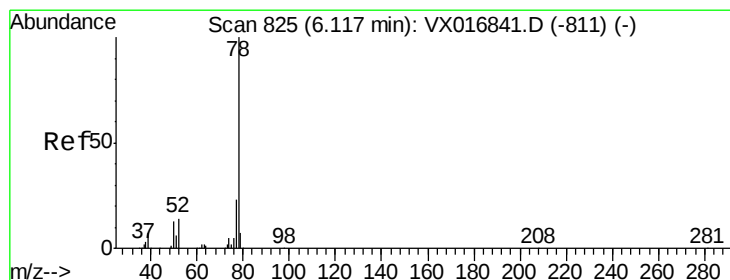
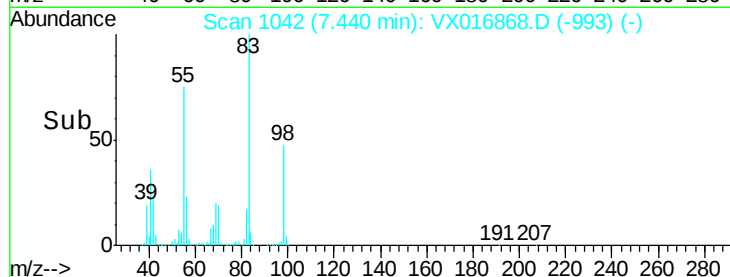
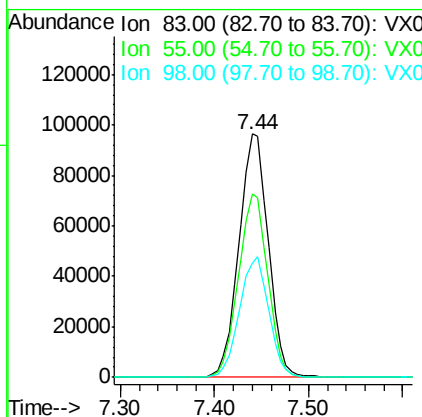
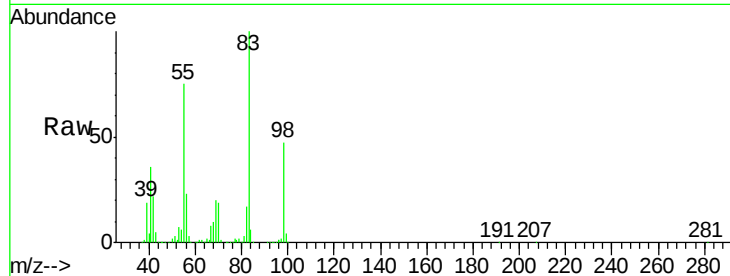
#39
Methvlcvclohexane
Concen: 50.078 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Instrument :
MSVOA_X
ClientSampleId :
MW-23MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.4	61.7	92.5
98	47.2	39.0	58.6

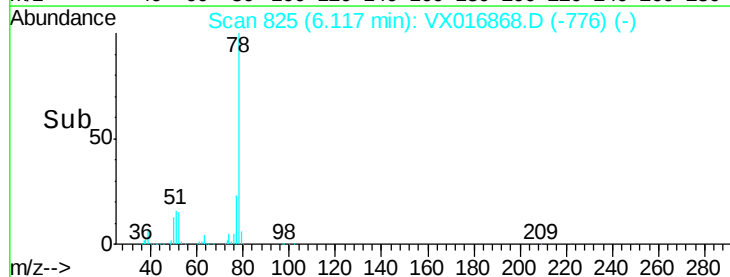
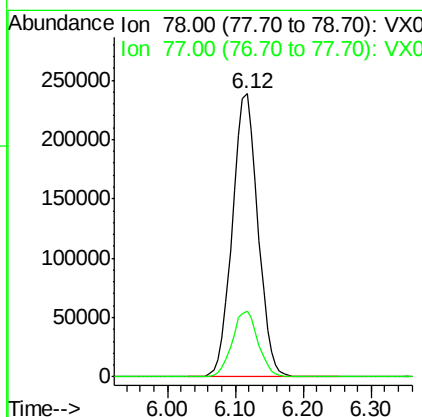
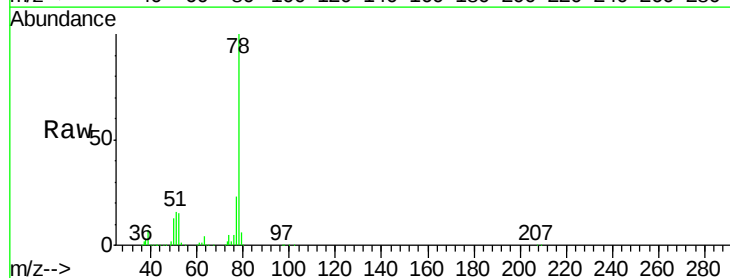
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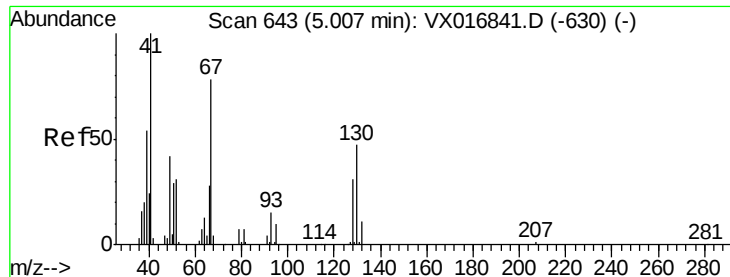
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#40
Benzene
Concen: 57.978 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	27.8





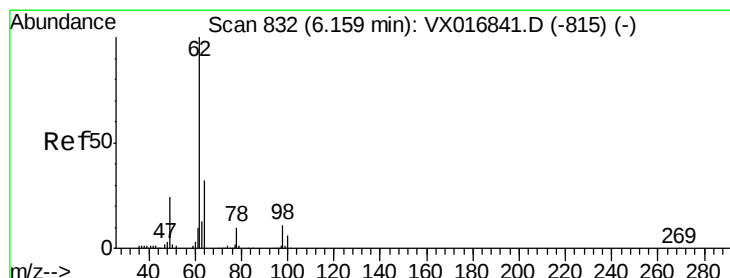
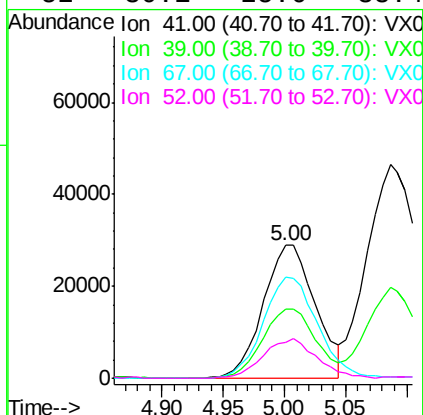
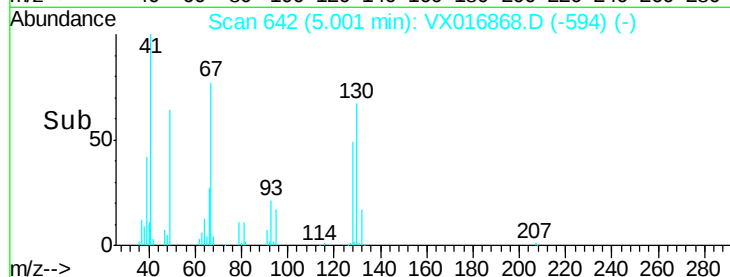
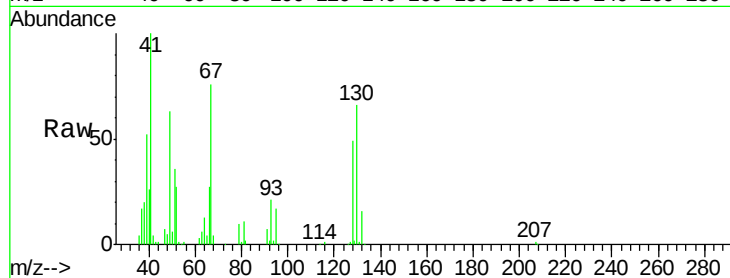
#41
Methacrylonitrile
Concen: 49.951 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Instrument :
MSVOA_X
ClientSampleId :
MW-23MS

Tot Ion:	41	Resp:	85918
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.6	64.0
67	79.3	64.2	96.2
52	30.1	25.6	38.4

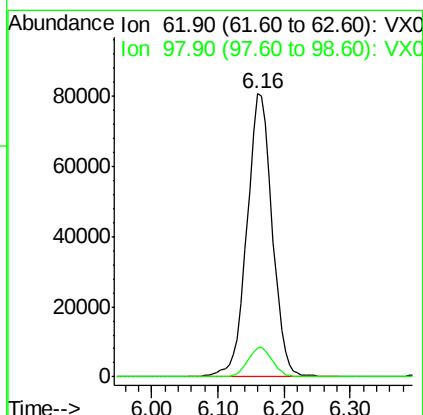
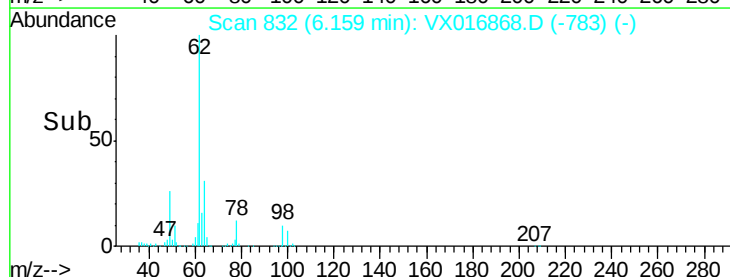
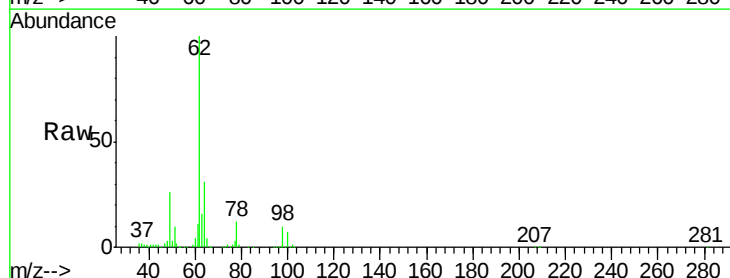
Manual Integrations
APPROVED

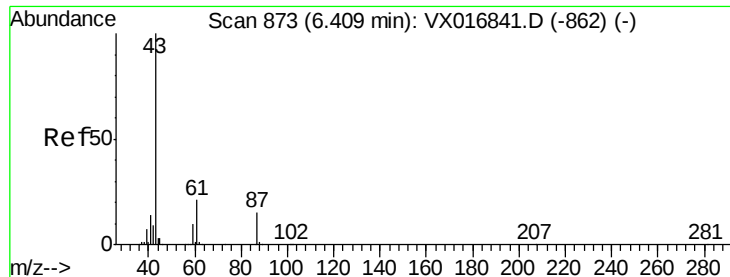
MMDadoda
6/19/2020 12:50:46 PM



#42
1,2-Dichloroethane
Concen: 56.449 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Tgt Ion:	62	Resp:	216128
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.8





#43

Isopropyl Acetate

Concen: 53.143 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

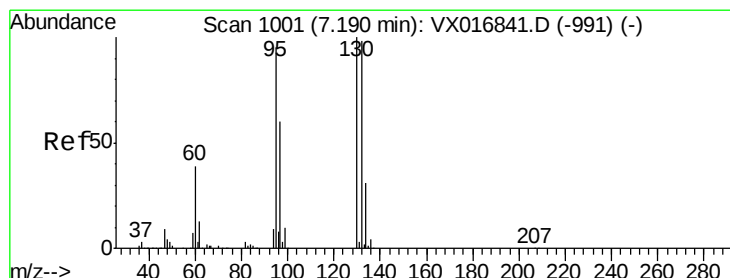
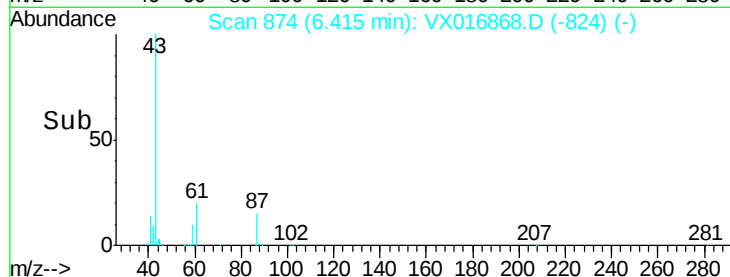
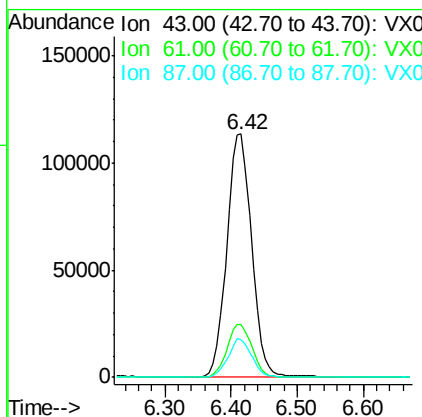
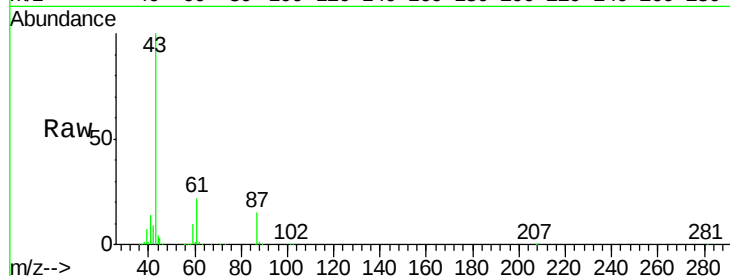
ClientSampleId :

MW-23MS

Tot Ion:	43	Resp:	294028
Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.9	26.9
87	15.2	12.4	18.6

Manual Integrations
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MMDadoda
6/19/2020 12:50:46 PM



#44

Trichloroethene

Concen: 45.517 ug/l

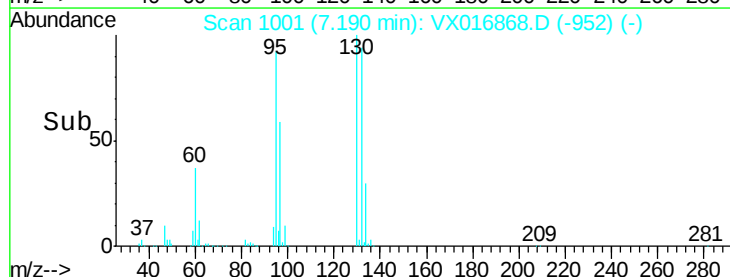
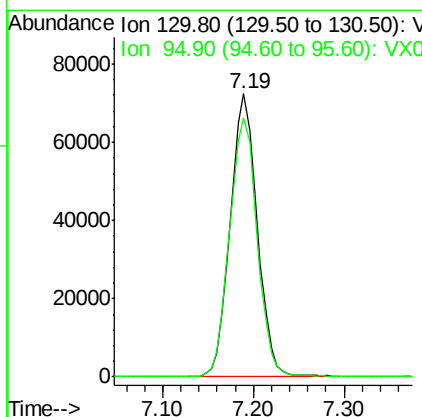
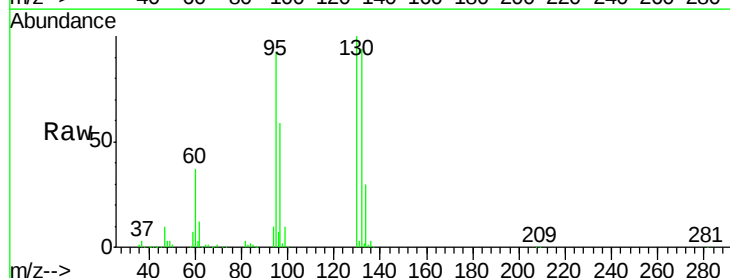
RT: 7.19 min Scan# 1001

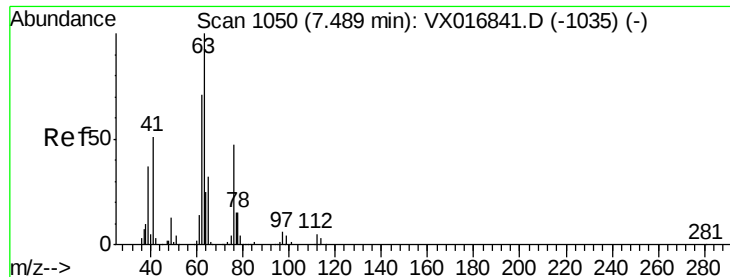
Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Tgt Ion:	130	Resp:	149986
Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	190.8





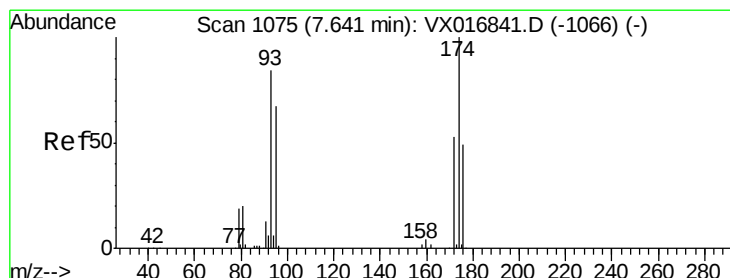
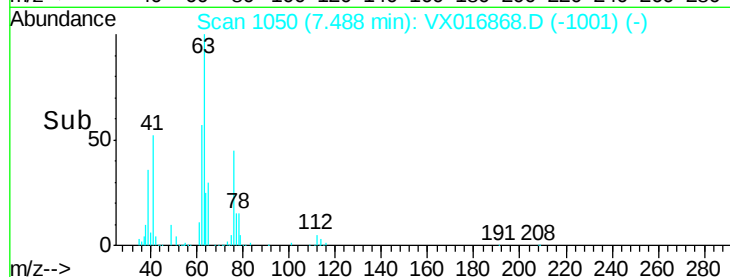
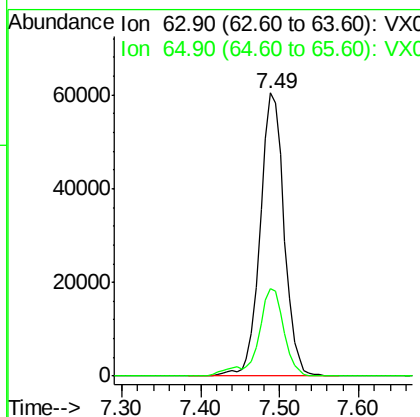
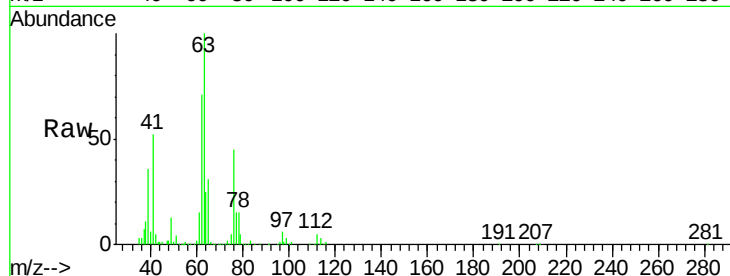
#45
 1,2-Dichloropropane
 Concen: 47.234 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016868.D
 Acq: 19 Jun 2020 03:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	25.8	38.8

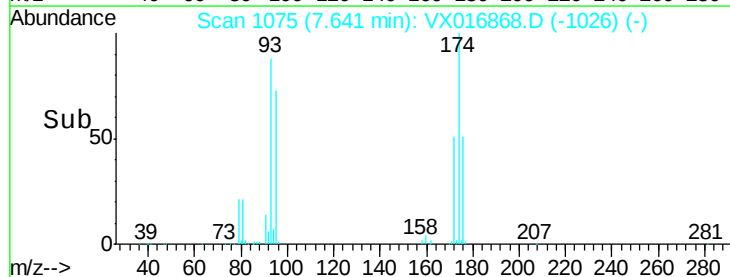
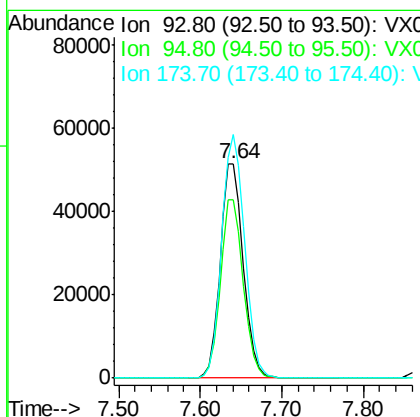
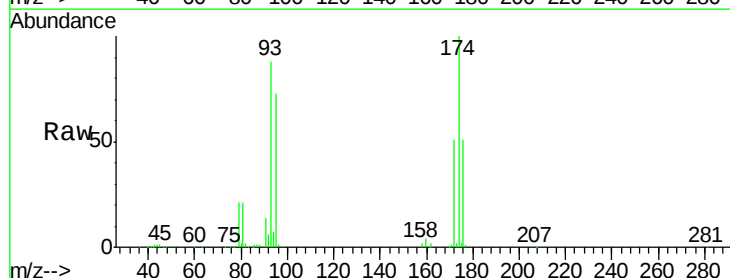
Manual Integrations
 APPROVED

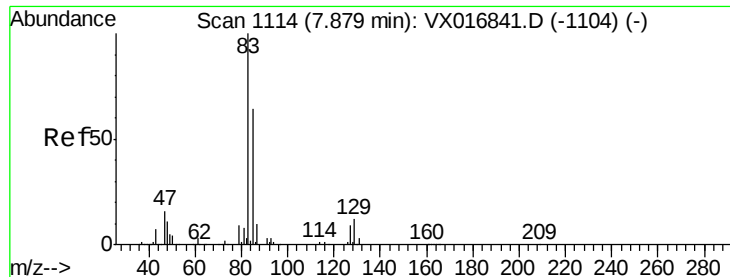
MMDadoda
 6/19/2020 12:50:46 PM



#46
 Dibromomethane
 Concen: 54.779 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016868.D
 Acq: 19 Jun 2020 03:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	65.7	98.5
174	113.0	92.8	139.2





#47

Bromodichloromethane

Concen: 56.403 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

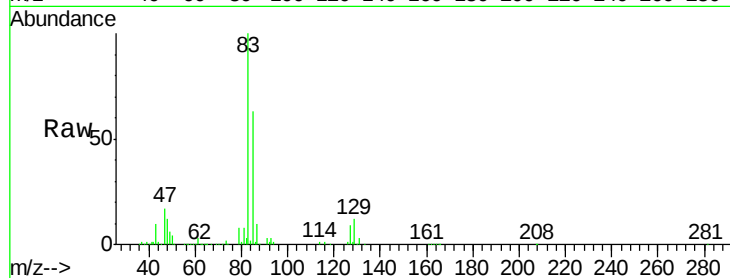
ClientSampleId :

MW-23MS

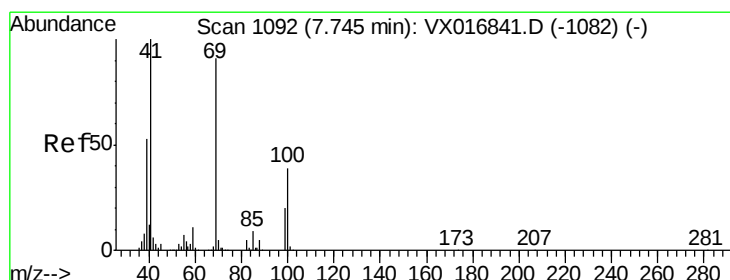
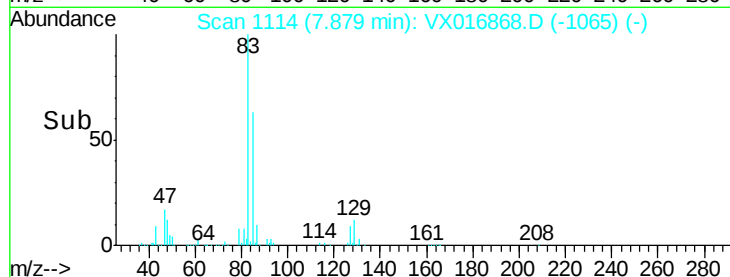
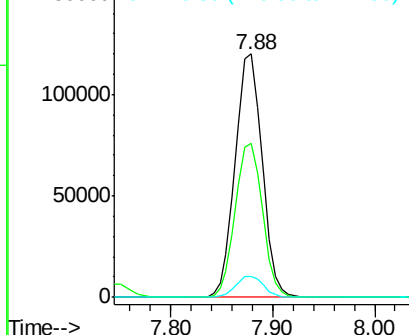
Tot Ion:	83	Resp:	220043
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.9	76.3
127	8.8	7.4	11.0

Manual Integrations
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6/19/2020 12:50:46 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.763 ug/l

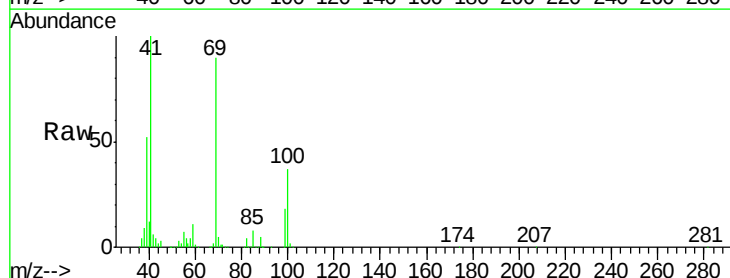
RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

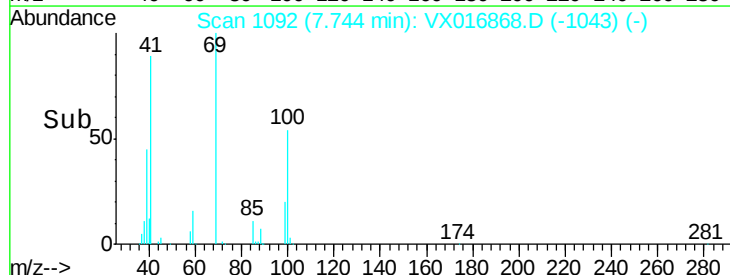
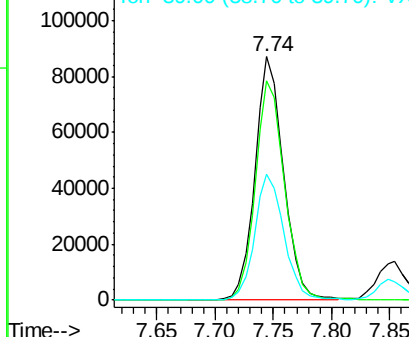
Lab File: VX016868.D

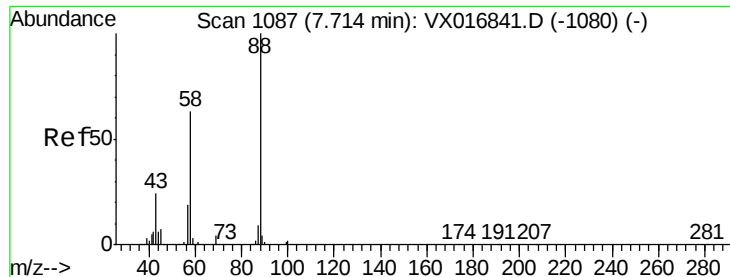
Acq: 19 Jun 2020 03:19

Tgt Ion:	41	Resp:	147886
Ion Ratio	Lower	Upper	
41	100		
69	92.5	73.3	109.9
39	53.0	42.4	63.6



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





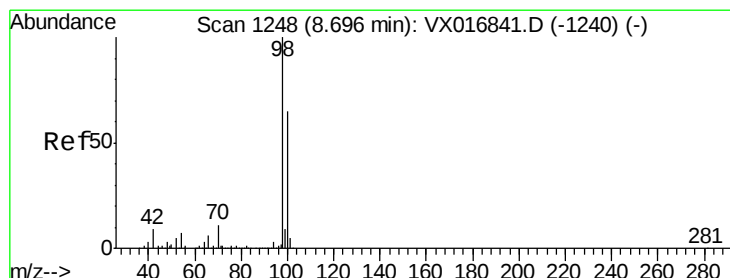
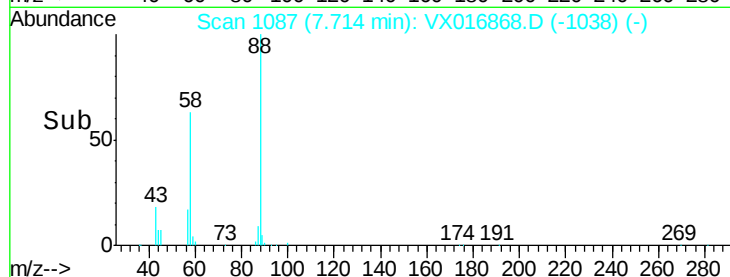
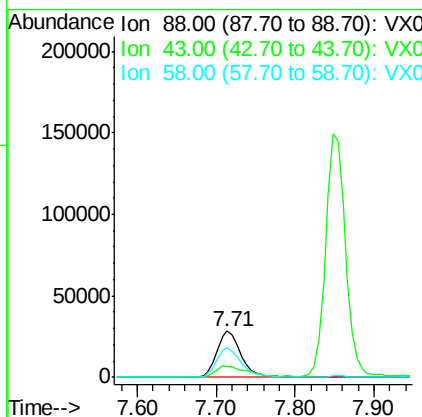
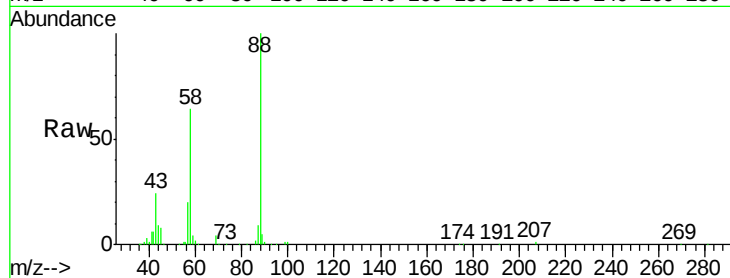
#49
1,4-Dioxane
Concen: 1045.538 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Instrument :
MSVOA_X
ClientSampleId :
MW-23MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.3	22.7	34.1
58	65.9	53.1	79.7

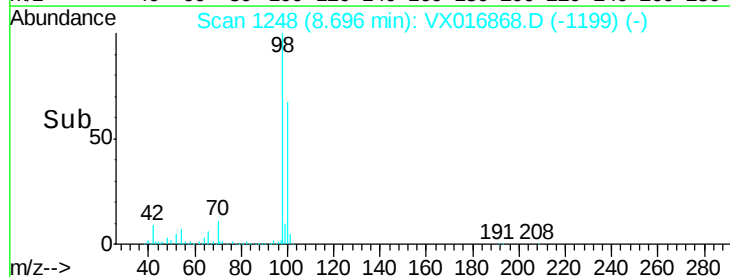
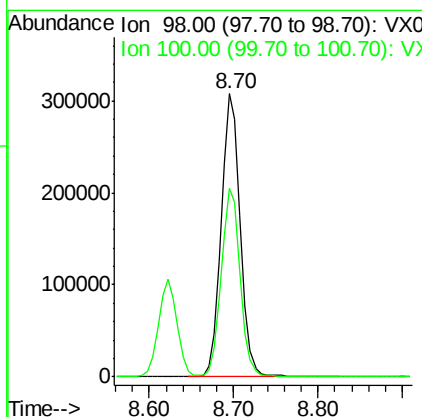
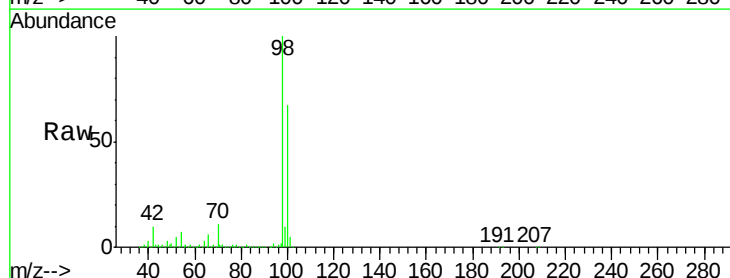
Manual Integrations
APPROVED

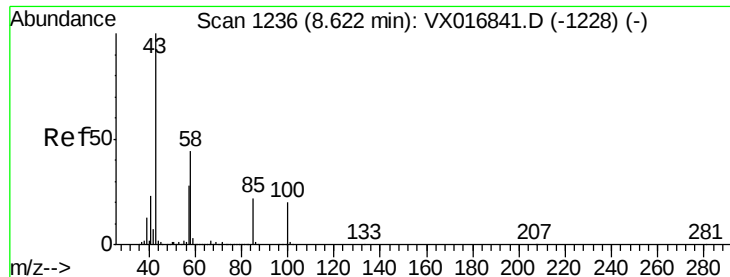
MMDadoda
6/19/2020 12:50:46 PM



#50
Toluene-d8
Concen: 48.200 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	54.0	81.0





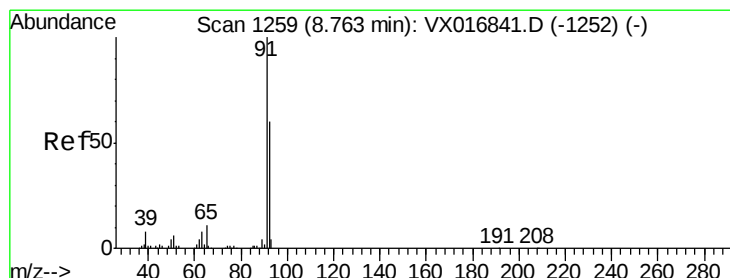
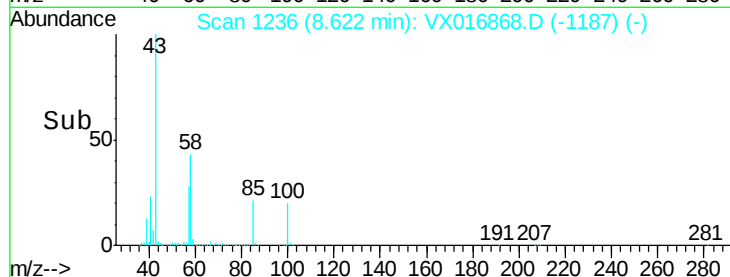
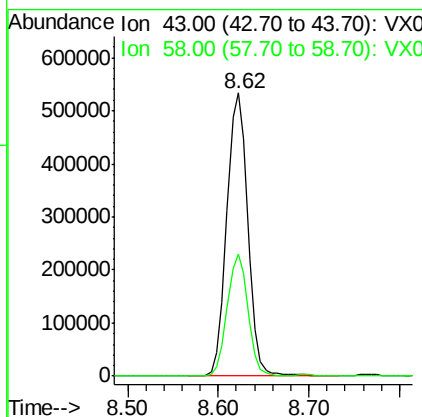
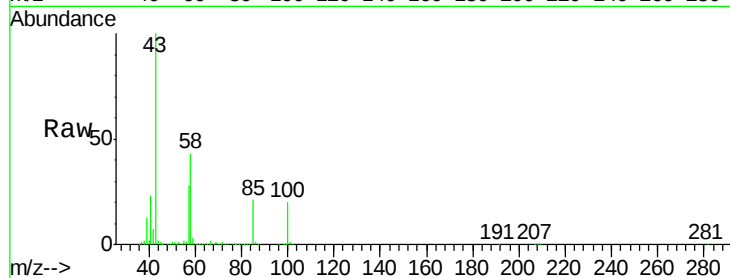
#51
4-Methyl-2-Pentanone
Concen: 258.150 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Instrument :
MSVOA_X
ClientSampleId :
MW-23MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.4	34.3	51.5

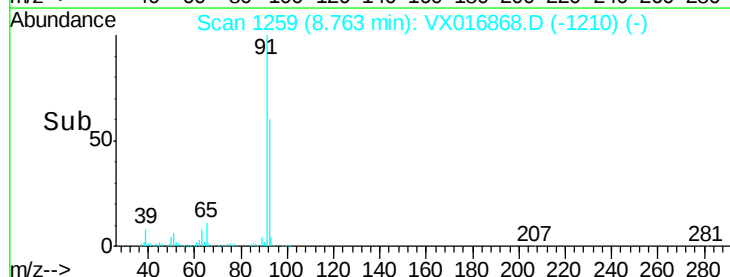
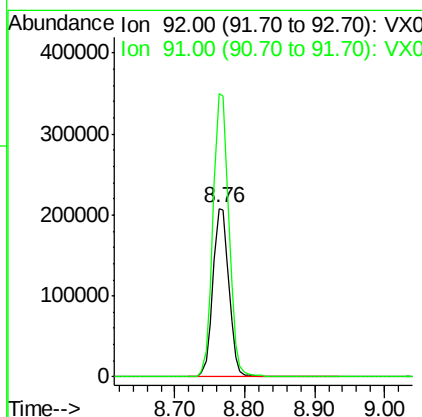
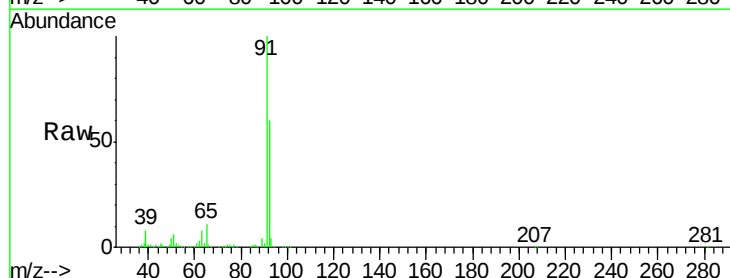
Manual Integrations
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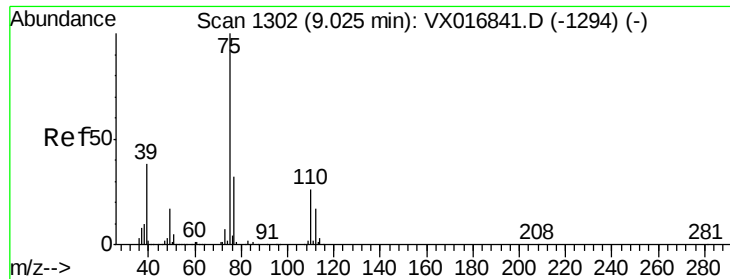
MMDadoda
6/19/2020 12:50:46 PM



#52
Toluene
Concen: 46.488 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Tgt Ion	Ratio	Lower	Upper
92	100		
91	167.5	134.2	201.2





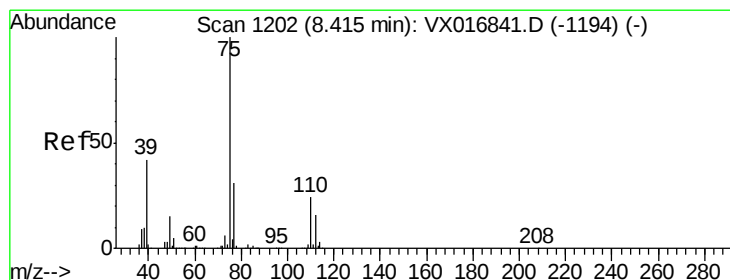
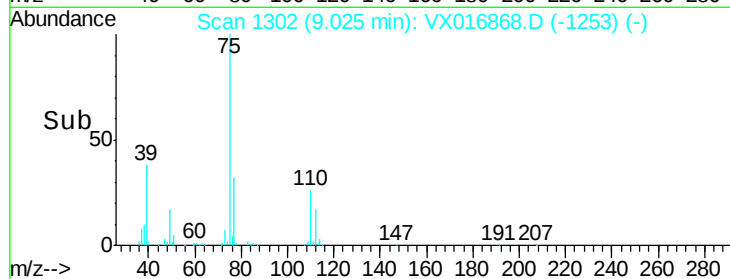
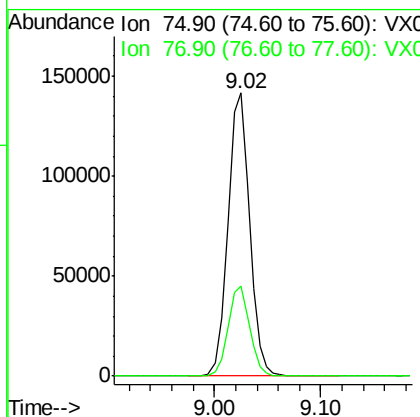
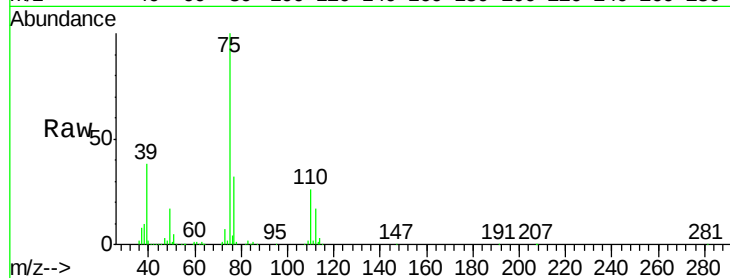
#53
t-1,3-Dichloropropene
Concen: 47.231 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Instrument :
MSVOA_X
ClientSampleId :
MW-23MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.3	37.9

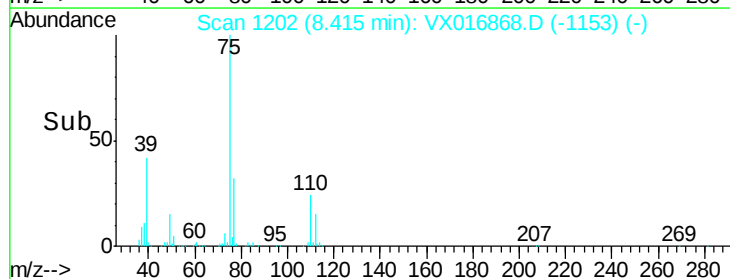
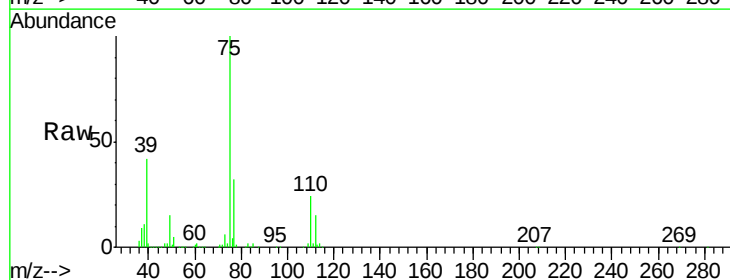
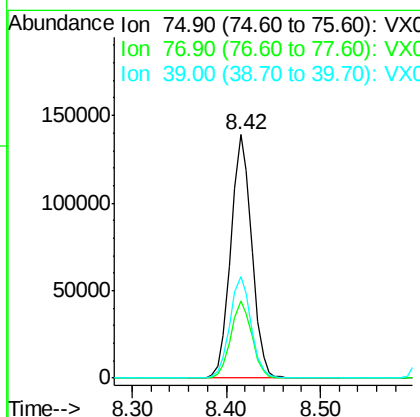
Manual Integrations
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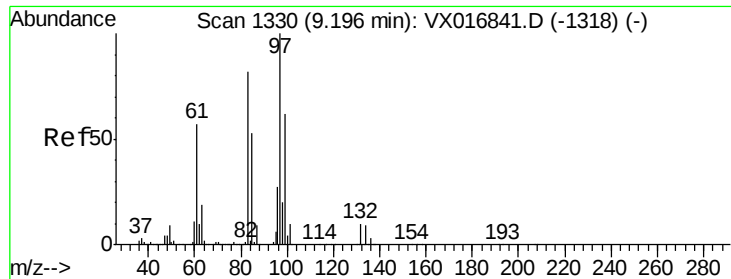
MMDadoda
6/19/2020 12:50:46 PM



#54
cis-1,3-Dichloropropene
Concen: 46.844 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.9	37.3
39	41.7	33.4	50.0





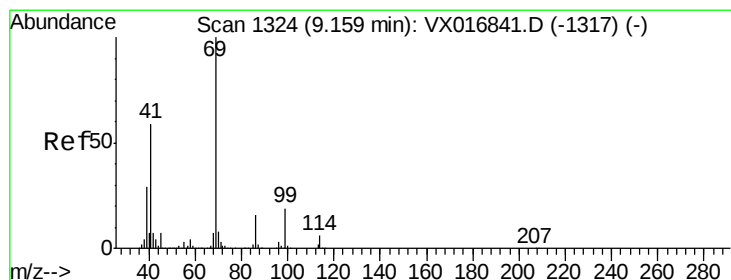
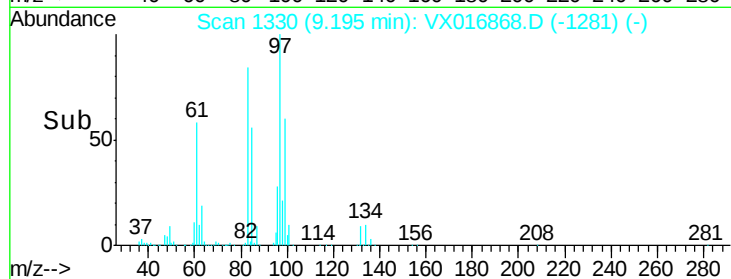
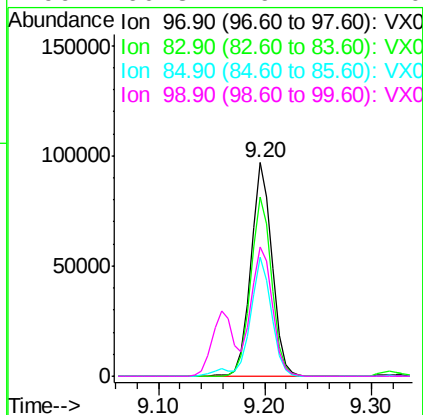
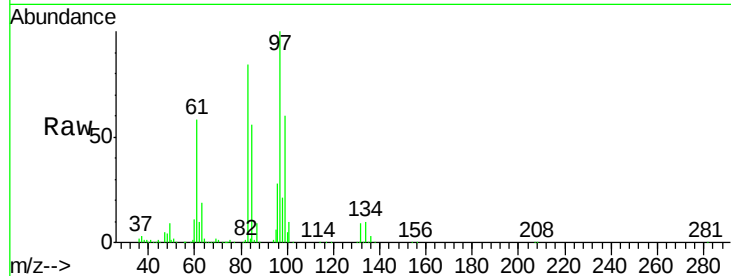
#55
 1,1,2-Trichloroethane
 Concen: 50.125 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016868.D
 Acq: 19 Jun 2020 03:19

Instrument :
 MSVOA_X
 ClientSampled :
 MW-23MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		135085		
83	84.0	65.5	98.3		
85	55.7	42.6	63.8		
99	60.3	49.4	74.0		

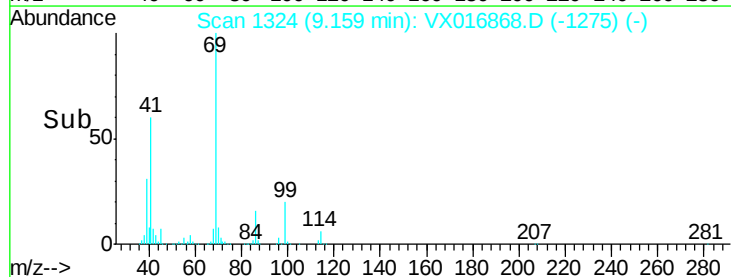
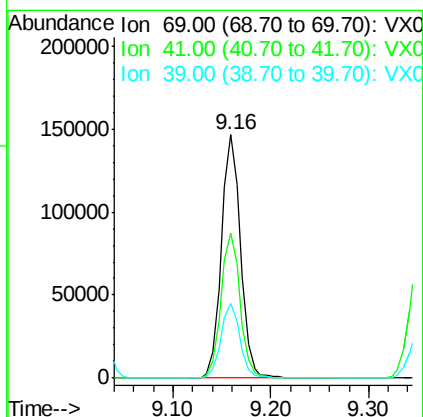
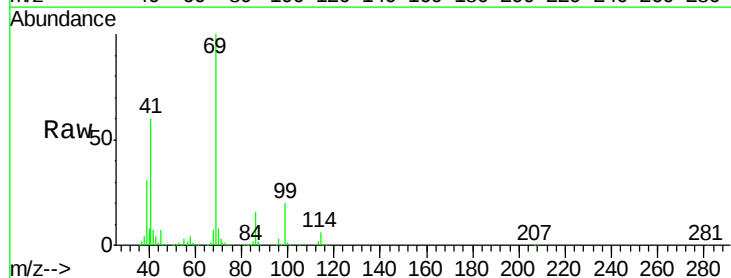
Manual Integrations
 APPROVED

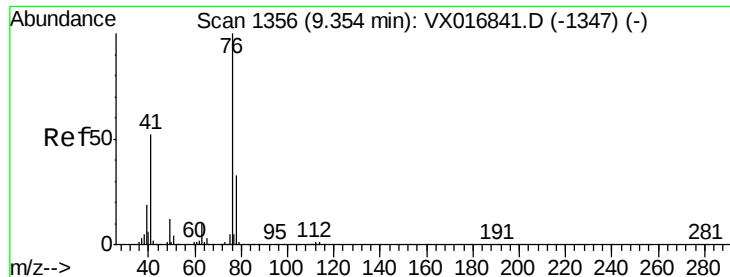
MMDadoda
 6/19/2020 12:50:46 PM



#56
 Ethyl methacrylate
 Concen: 51.138 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016868.D
 Acq: 19 Jun 2020 03:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		199510		
41	59.1	47.9	71.9		
39	30.6	24.2	36.4		





#57

1,3-Dichloropropane

Concen: 46.638 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

ClientSampleId :

MW-23MS

Tot Ion: 76 Resp: 213070

Ion Ratio Lower Upper

76 100

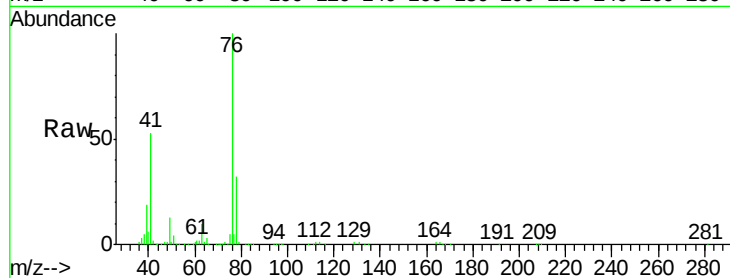
78 32.5 25.8 38.6

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

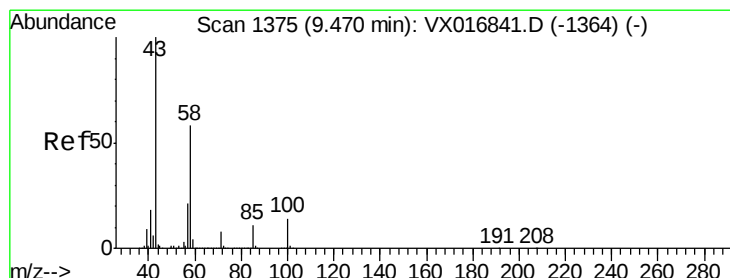
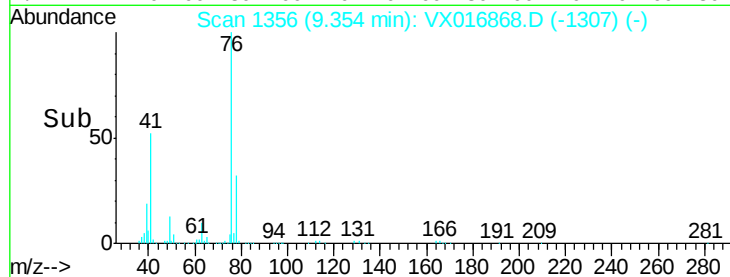
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 259.148 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.01 min

Lab File: VX016868.D

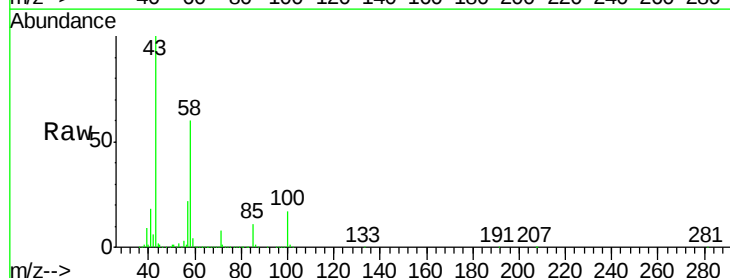
Acq: 19 Jun 2020 03:19

Tgt Ion: 43 Resp: 624503

Ion Ratio Lower Upper

43 100

58 60.2 29.8 89.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

500000

400000

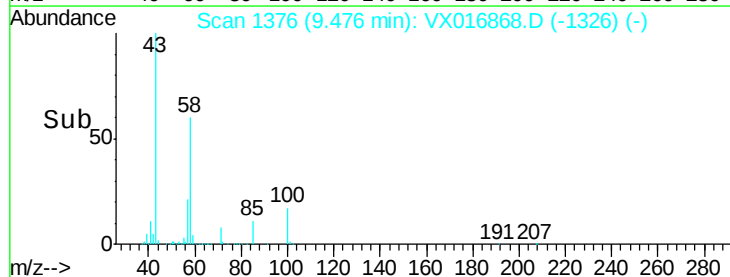
300000

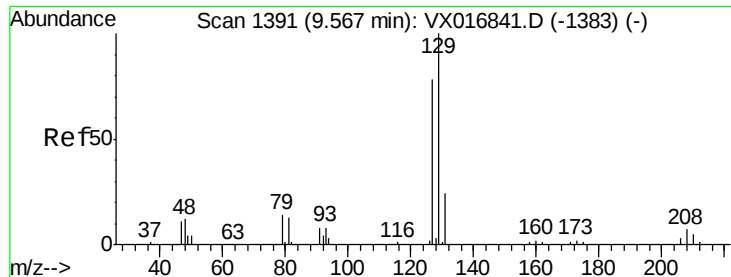
200000

100000

0

Time-->





#60

Dibromochloromethane

Concen: 48.960 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

ClientSampleId :

MW-23MS

Tot Ion:129 Resp: 158286

Ion Ratio Lower Upper

129 100

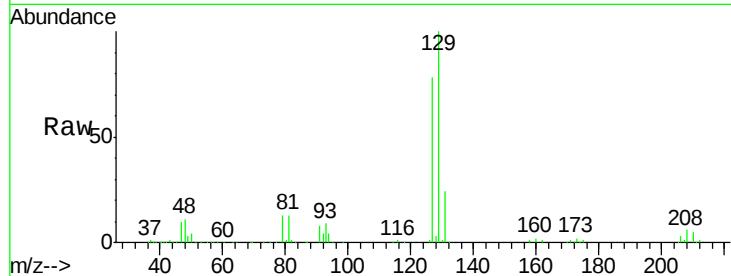
127 76.8 38.5 115.5

Manual Integrations

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

120000

100000

80000

60000

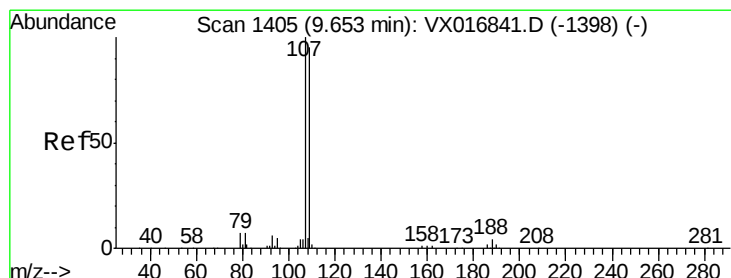
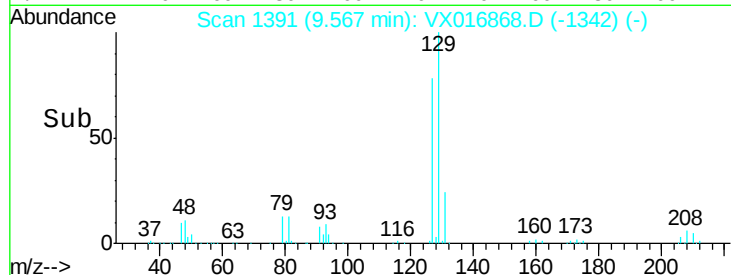
40000

20000

0

9.50 9.55 9.60 9.65

Time-->



#61

1,2-Dibromoethane

Concen: 49.222 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016868.D

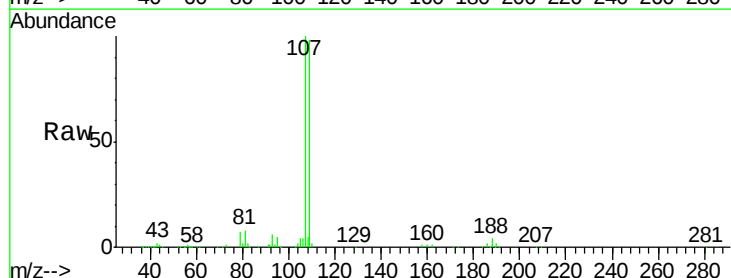
Acq: 19 Jun 2020 03:19

Tgt Ion:107 Resp: 143957

Ion Ratio Lower Upper

107 100

109 95.3 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

60000

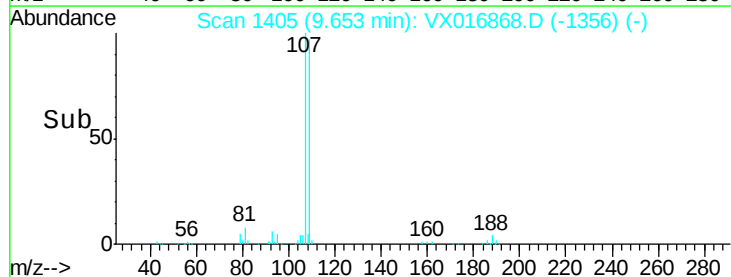
40000

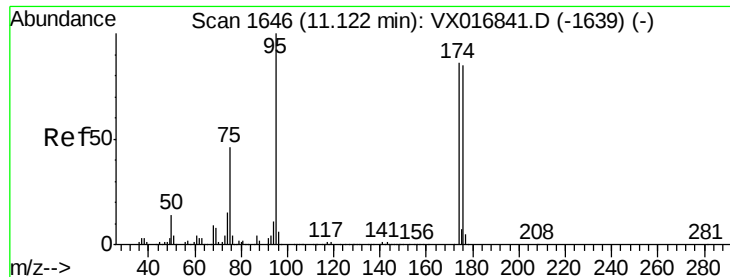
20000

0

9.55 9.60 9.65 9.70 9.75

Time-->





#62

4-Bromofluorobenzene

Concen: 57.598 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

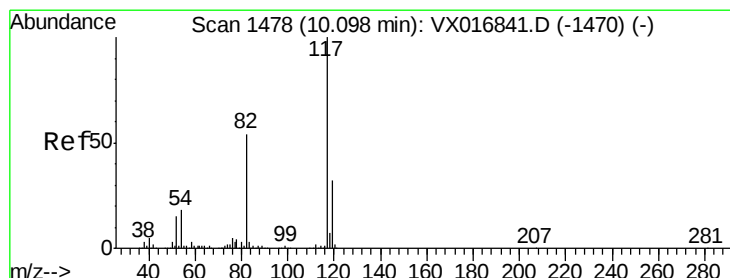
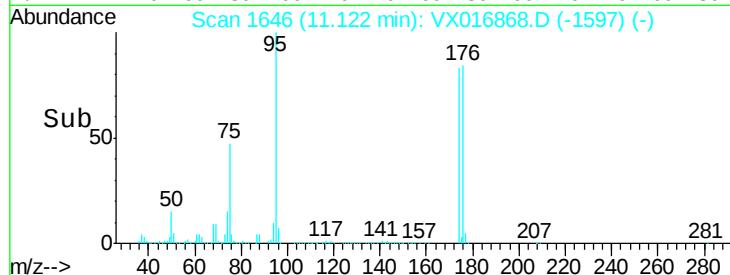
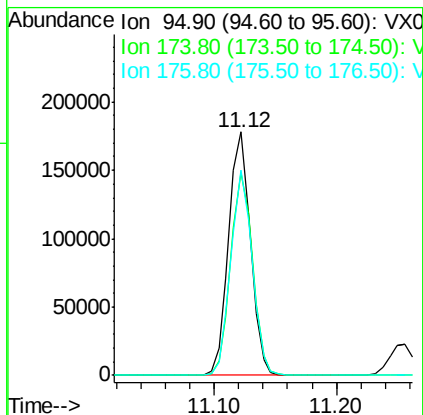
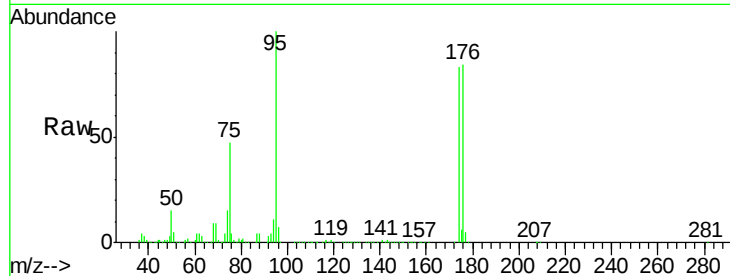
ClientSampleId :

MW-23MS

Tot Ion:	95	Resp:	219346
Ion Ratio	Lower	Upper	
95	100		
174	83.4	0.0	174.2
176	82.3	0.0	170.0

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

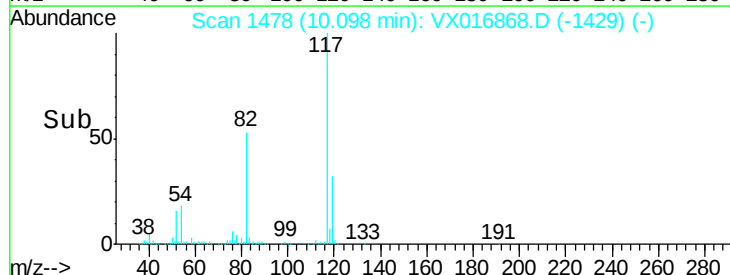
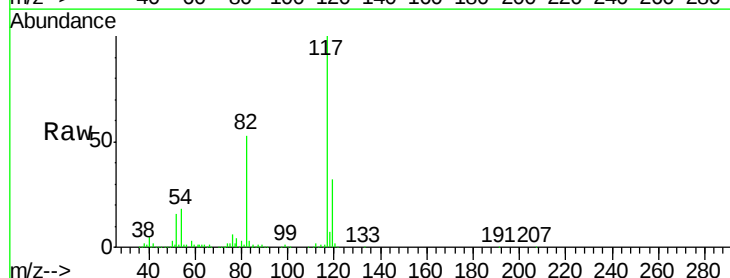
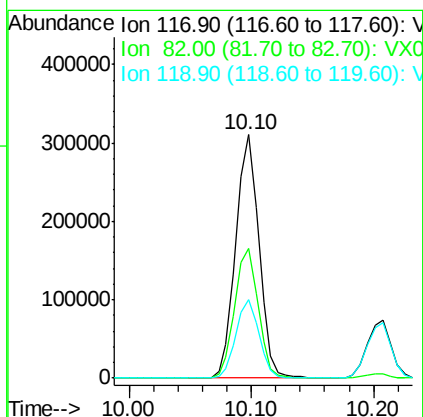
RT: 10.10 min Scan# 1478

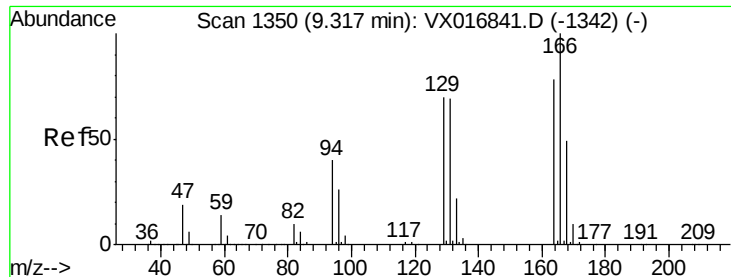
Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Tgt Ion:	117	Resp:	406837
Ion Ratio	Lower	Upper	
117	100		
82	53.3	43.4	65.0
119	32.4	25.7	38.5





#64

Tetrachloroethene

Concen: 41.843 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

ClientSampleId :

MW-23MS

Tot Ion:164 Resp: 157637

Ion Ratio Lower Upper

164 100

166 132.0 102.6 153.8

129 93.8 72.2 108.2

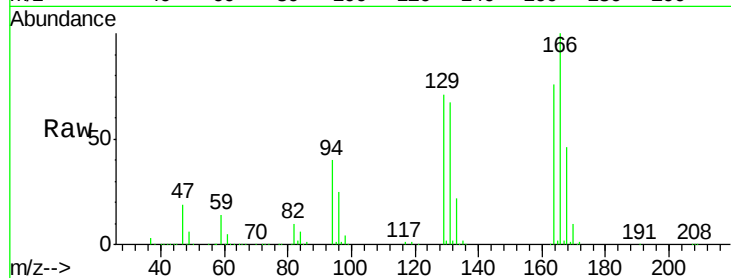
131 88.2 70.8 106.2

Manual Integrations

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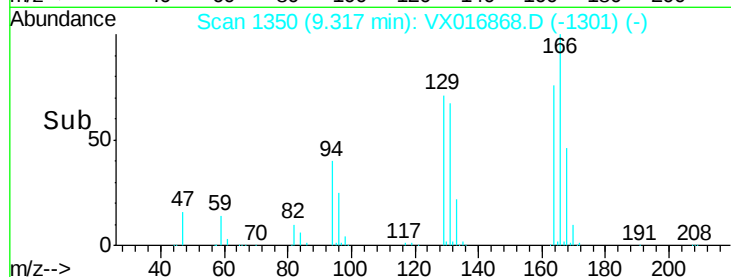


Abundance Ion 163.80 (163.50 to 164.50): V

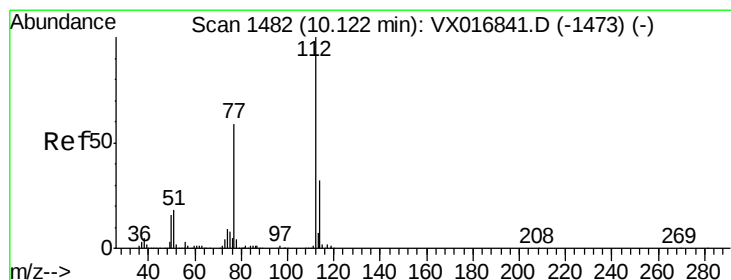
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#65

Chlorobenzene

Concen: 46.827 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016868.D

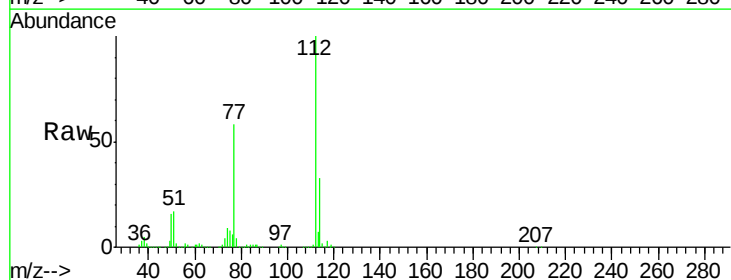
Acq: 19 Jun 2020 03:19

Tgt Ion:112 Resp: 385782

Ion Ratio Lower Upper

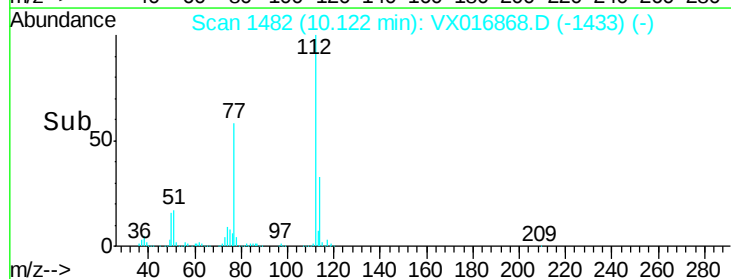
112 100

114 32.7 25.5 38.3

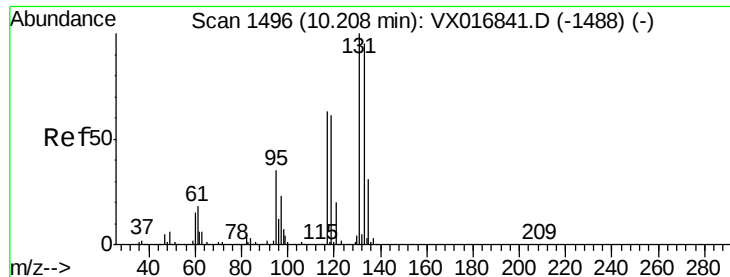


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 47.841 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

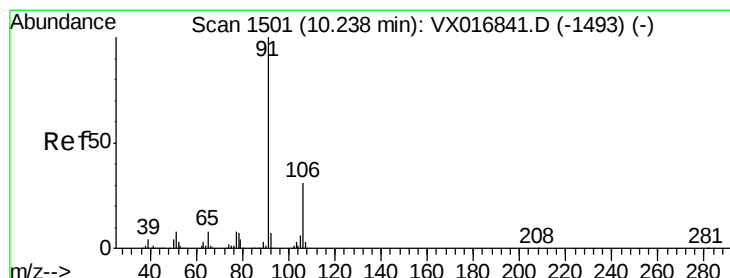
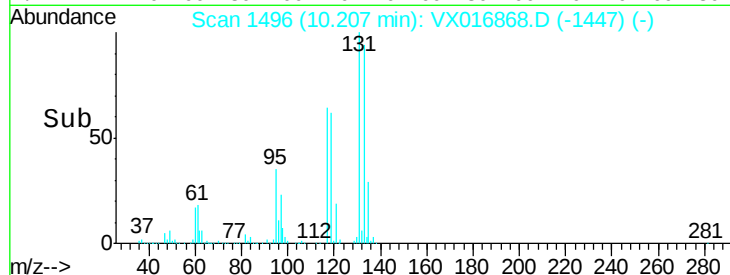
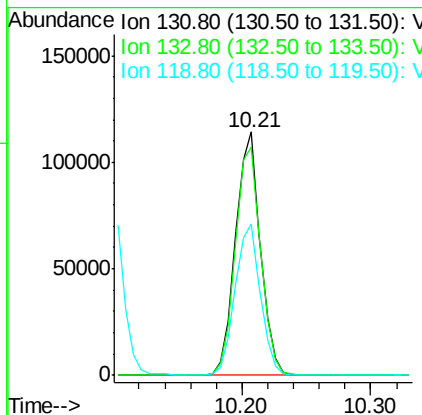
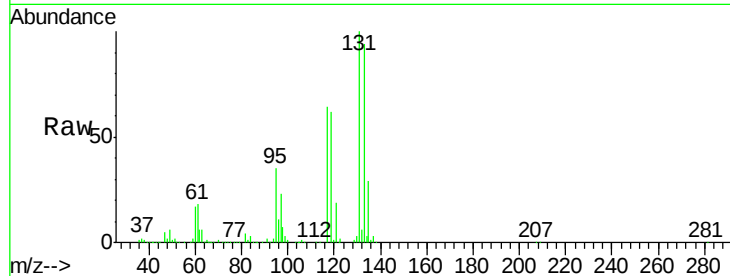
ClientSampleId :

MW-23MS

Tot Ion:	131	Resp:	152751
Ion Ratio	Lower	Upper	
131	100		
133	96.8	47.7	143.1
119	63.5	30.8	92.4

Manual Integrations
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#67

Ethyl Benzene

Concen: 47.989 ug/l

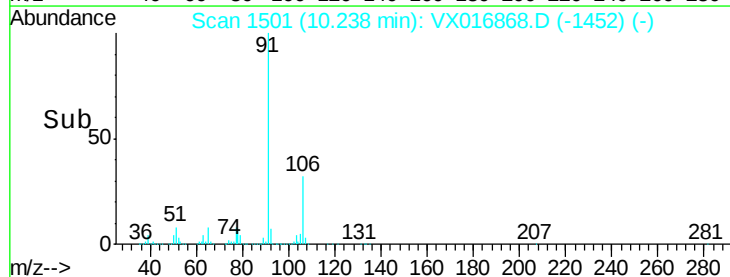
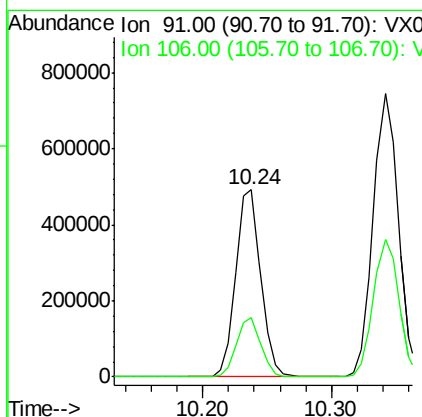
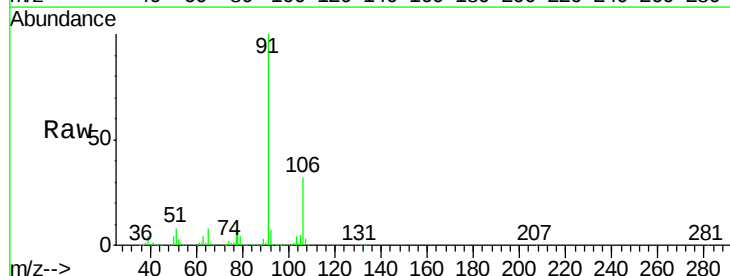
RT: 10.24 min Scan# 1501

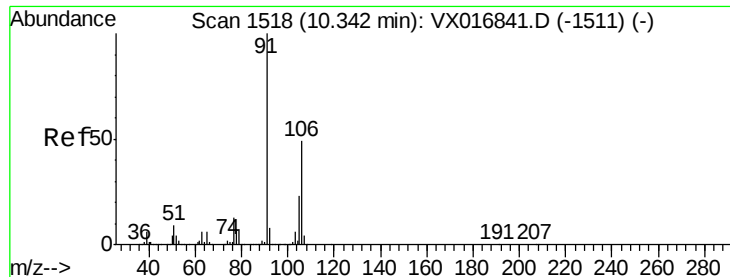
Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Tgt Ion:	91	Resp:	667047
Ion Ratio	Lower	Upper	
91	100		
106	32.0	25.1	37.7





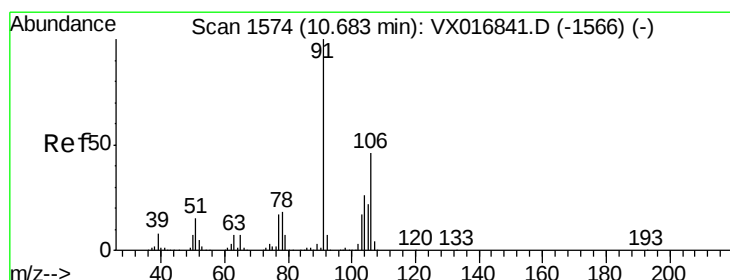
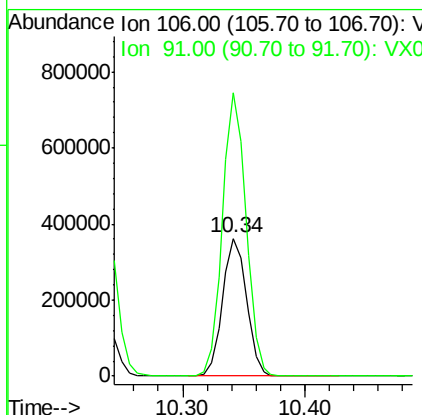
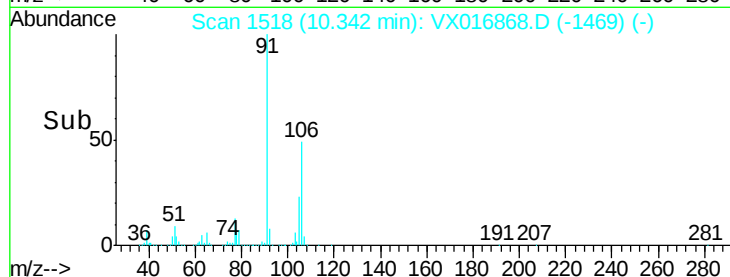
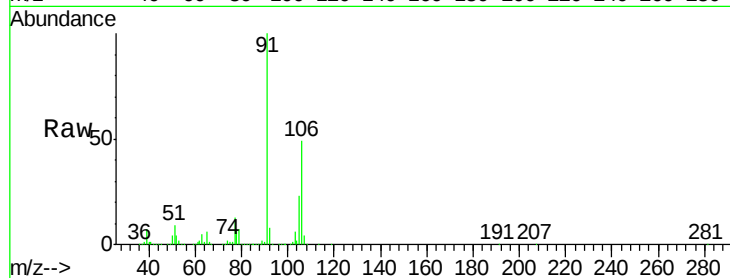
#68
m/p-Xylenes
Concen: 91.191 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Instrument :
MSVOA_X
ClientSampleId :
MW-23MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		493249		
91	202.7	161.5	242.3		

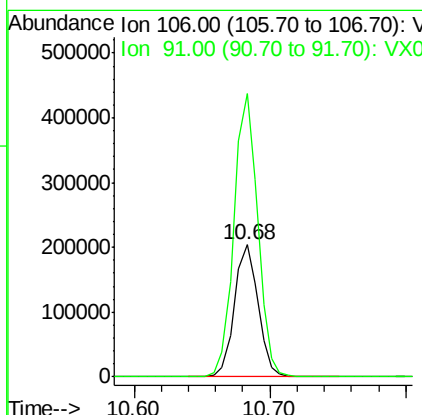
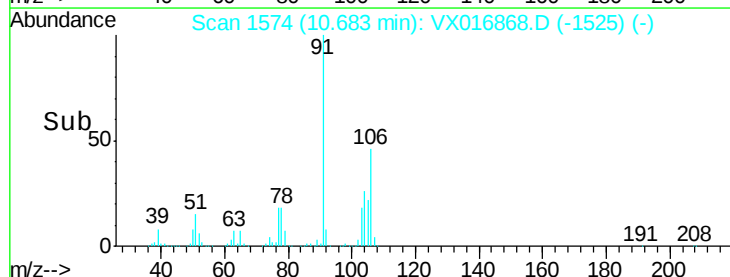
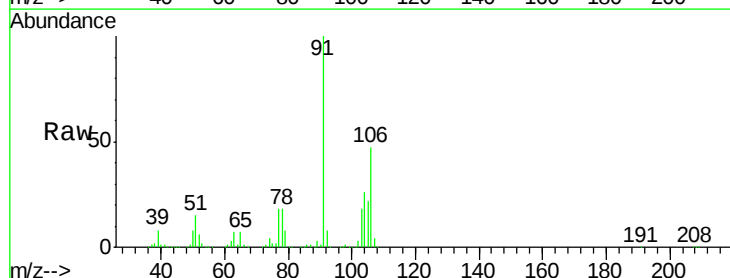
Manual Integrations
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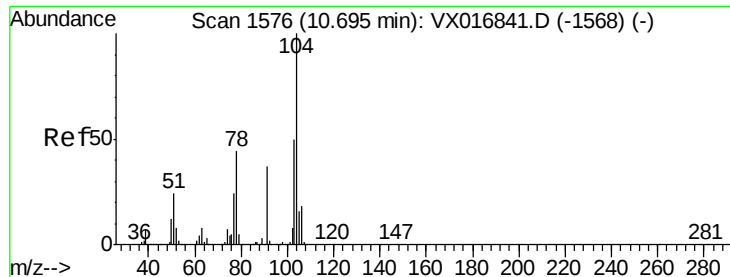
MMDadoda
6/19/2020 12:50:46 PM



#69
o-Xylene
Concen: 49.487 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		247506		
91	214.5	107.9	323.7		





#70

Stvrene

Concen: 51.335 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

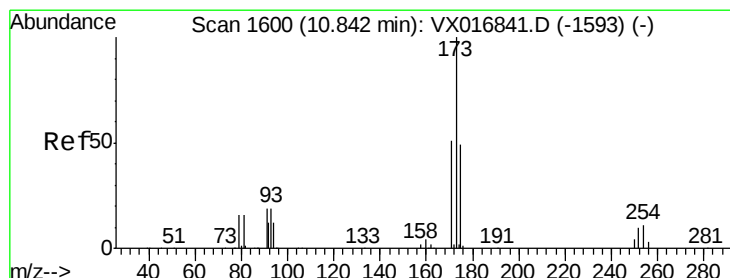
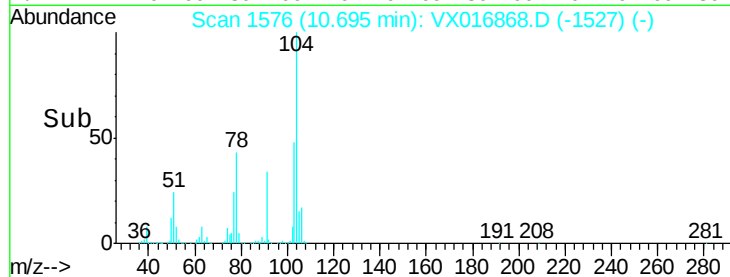
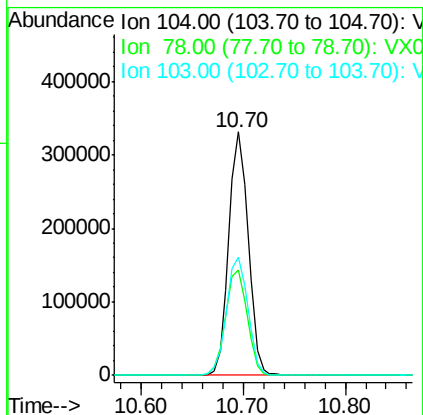
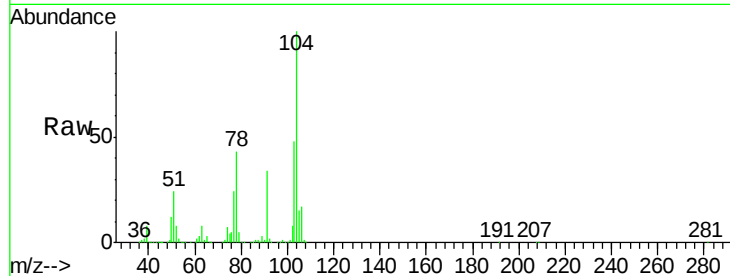
ClientSampleId :

MW-23MS

Tot Ion:	104	Resp:	436242
Ion Ratio	Lower	Upper	
104	100		
78	48.7	39.6	59.4
103	53.7	43.3	64.9

Manual Integrations
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#71

Bromoform

Concen: 47.695 ug/l

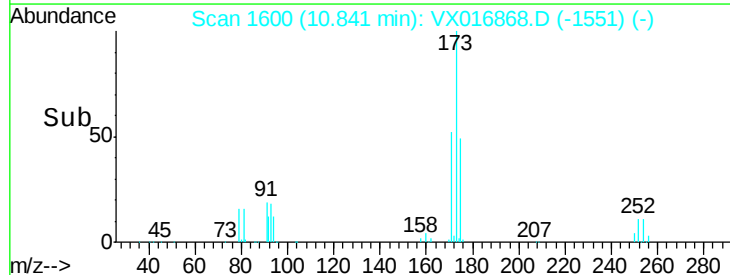
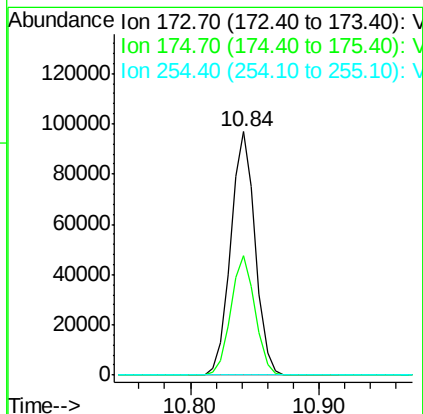
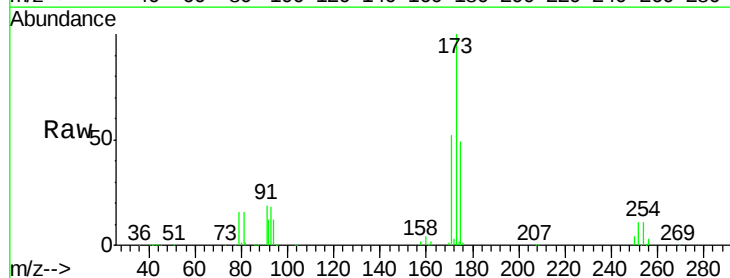
RT: 10.84 min Scan# 1600

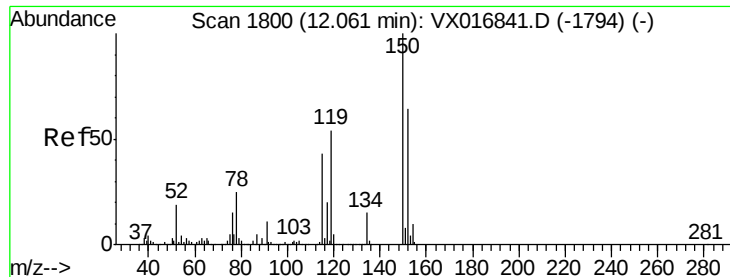
Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Tgt Ion:	173	Resp:	128033
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.3	73.0
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: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

ClientSampleId :

MW-23MS

Tot Ion:152 Resp: 210267

Ion Ratio Lower Upper

152 100

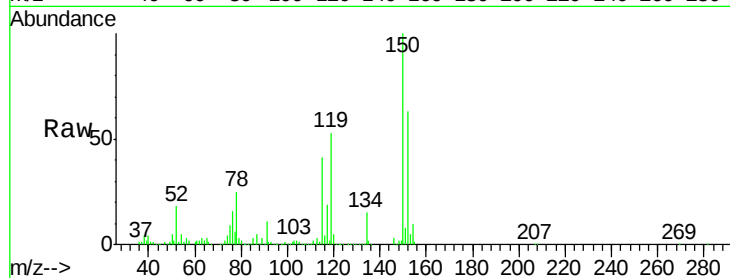
115 79.3 40.9 122.8

150 171.9 0.0 344.2

Manual Integrations
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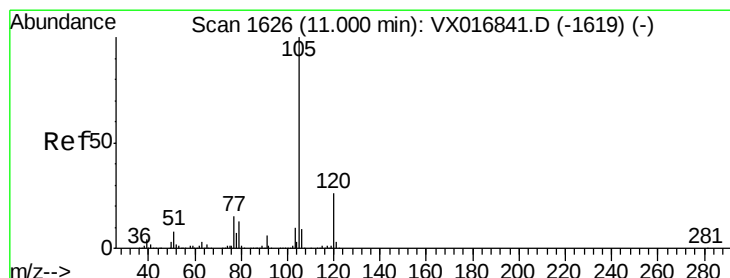
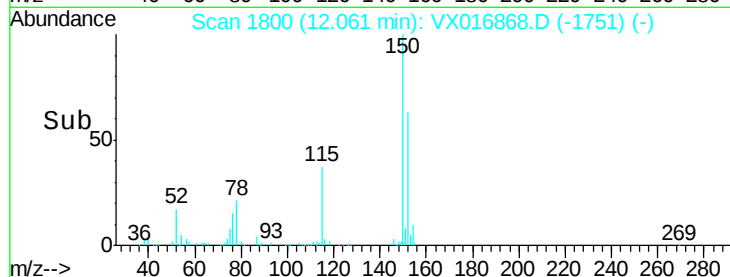
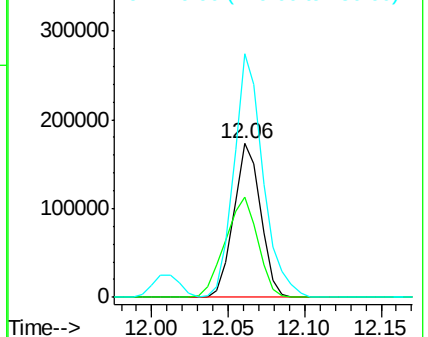
6/19/2020 12:50:46 PM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 47.056 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016868.D

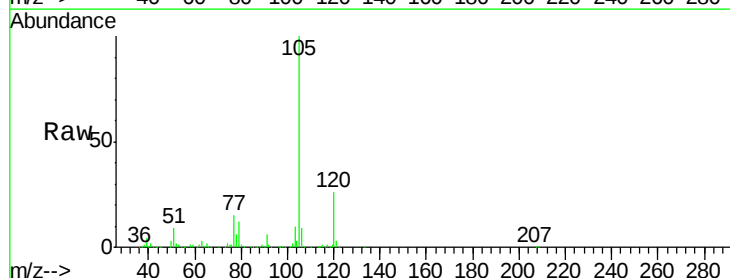
Acq: 19 Jun 2020 03:19

Tgt Ion:105 Resp: 637044

Ion Ratio Lower Upper

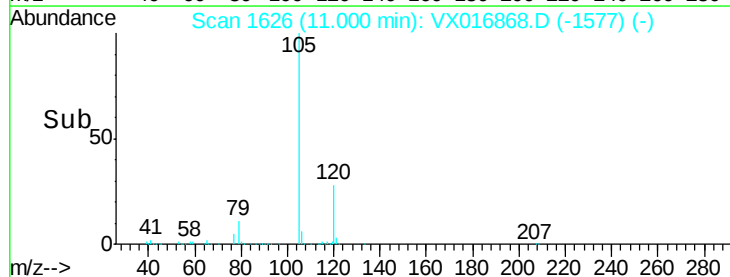
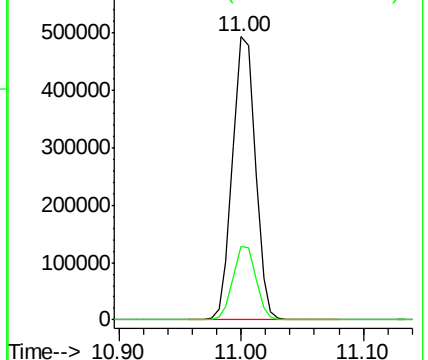
105 100

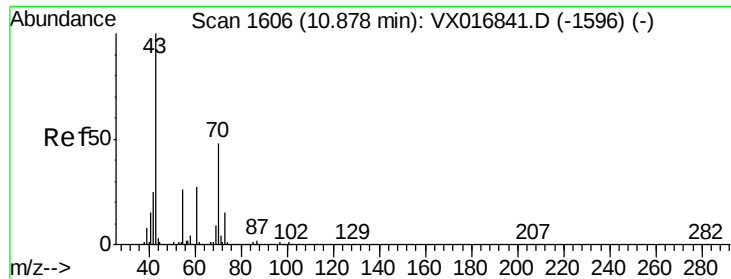
120 26.2 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 53.142 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

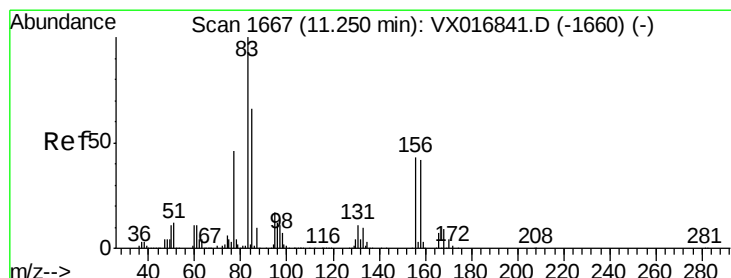
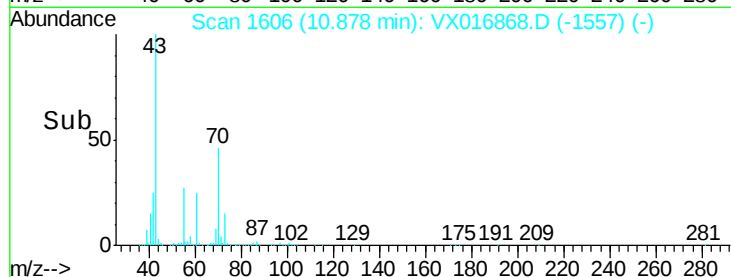
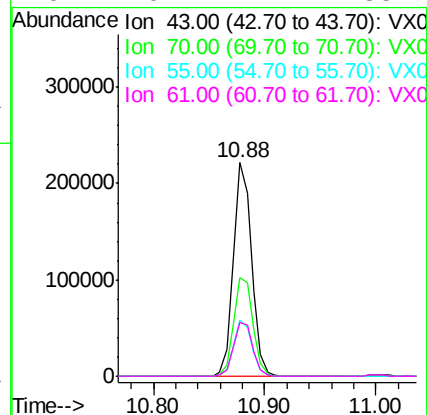
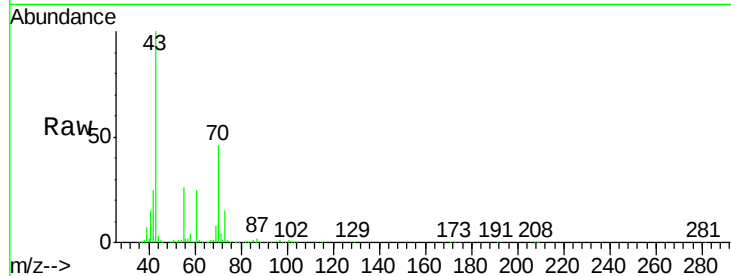
ClientSampleId :

MW-23MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	48.3	39.9	59.9		
55	26.7	21.8	32.6		
61	26.4	22.2	33.4		

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 51.690 ug/l

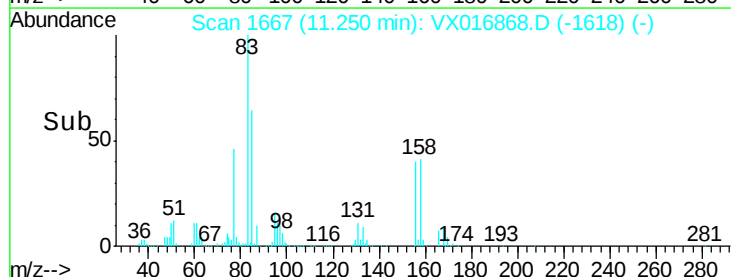
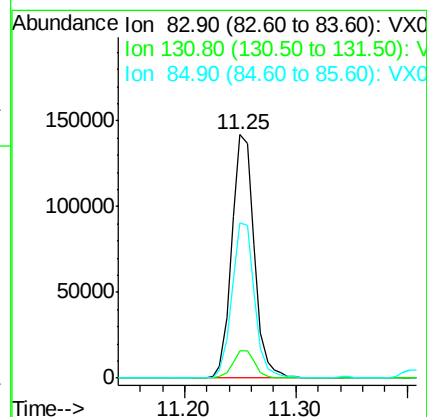
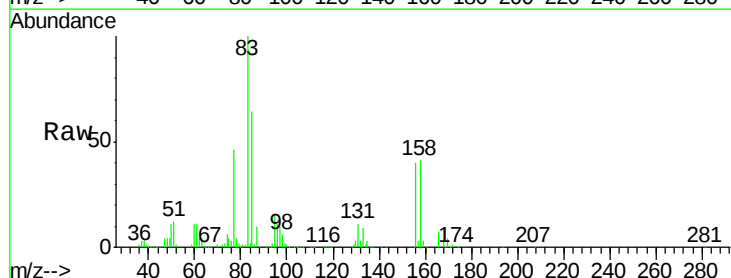
RT: 11.25 min Scan# 1667

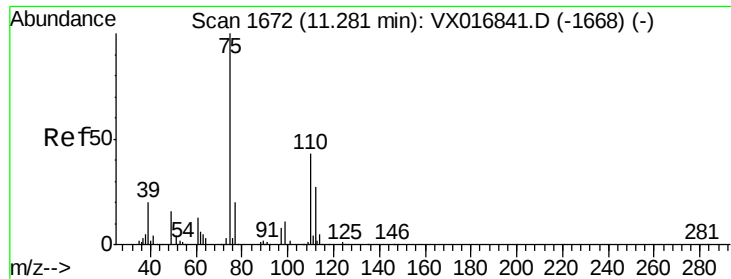
Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	11.1	5.7	17.1		
85	64.1	32.6	97.8		





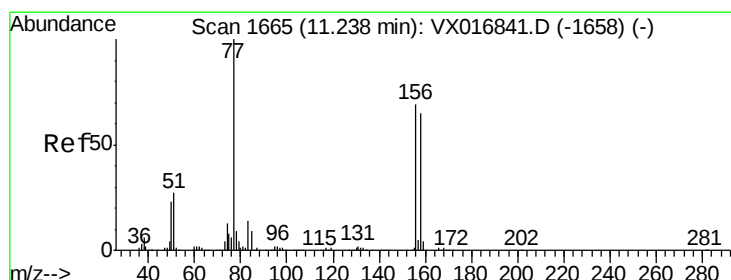
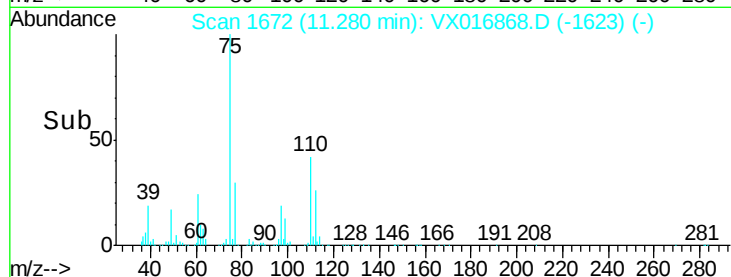
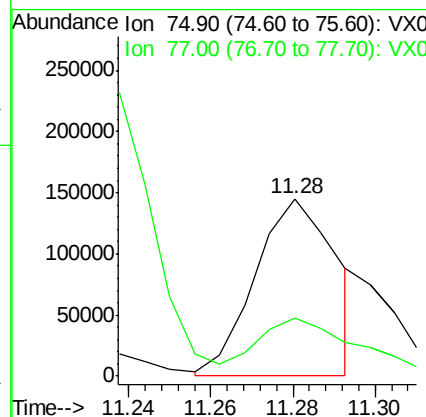
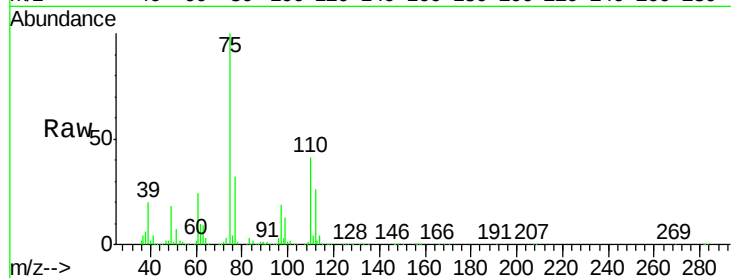
#76
1,2,3-Trichloropropane
Concen: 51.723 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Instrument :
MSVOA_X
ClientSampled :
MW-23MS

Tot Ion: 75 Resp: 198627
Ion Ratio Lower Upper
75 100
77 40.5 20.5 61.5

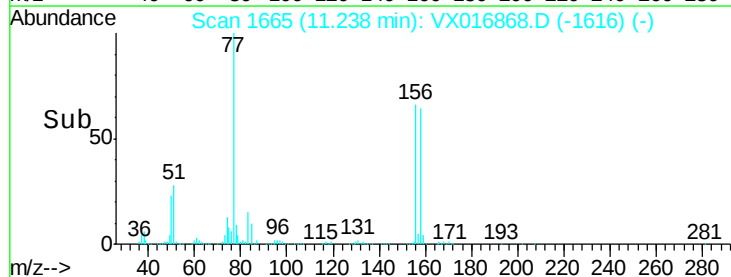
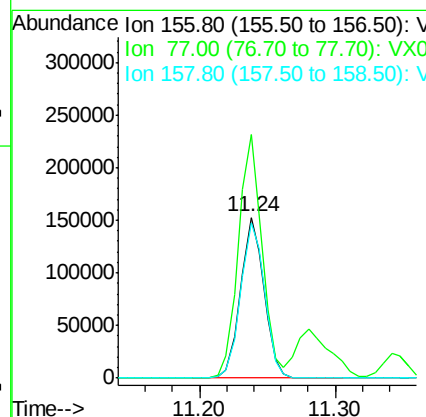
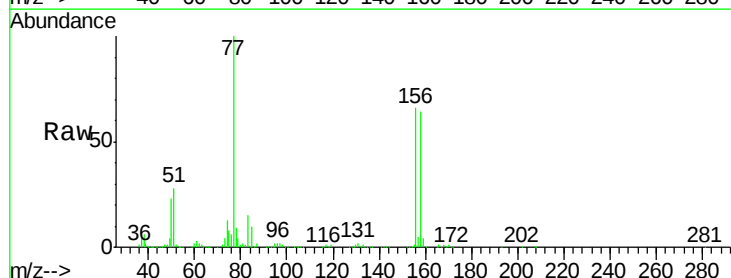
Manual Integrations
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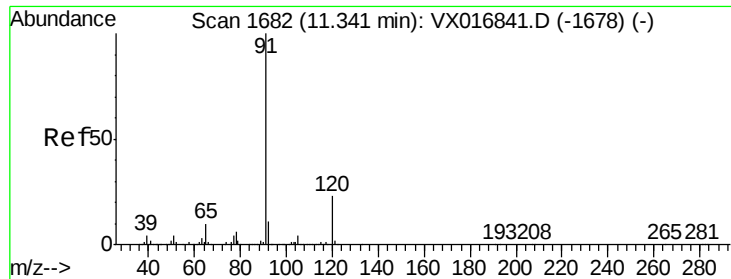
MMDadoda
6/19/2020 12:50:46 PM



#77
Bromobenzene
Concen: 49.549 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Tgt Ion: 156 Resp: 182942
Ion Ratio Lower Upper
156 100
77 152.6 73.4 220.2
158 99.0 48.8 146.3





#78

n-propylbenzene

Concen: 50.263 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

ClientSampleId :

MW-23MS

Tot Ion: 91 Resp: 759410

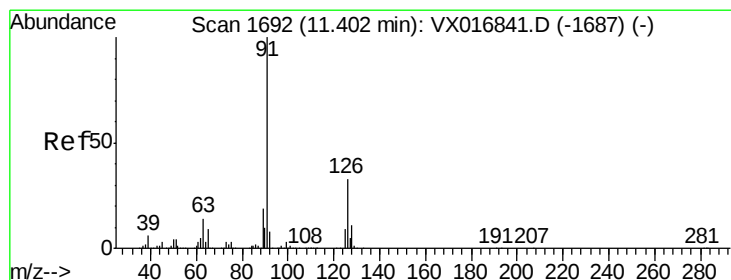
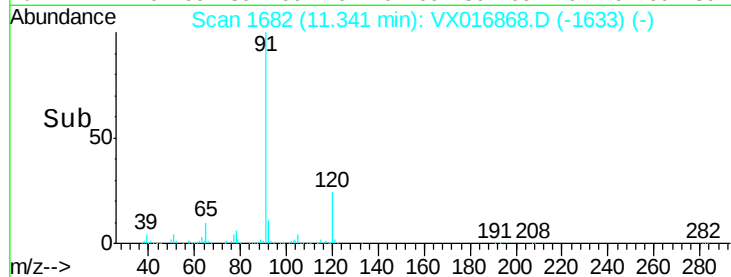
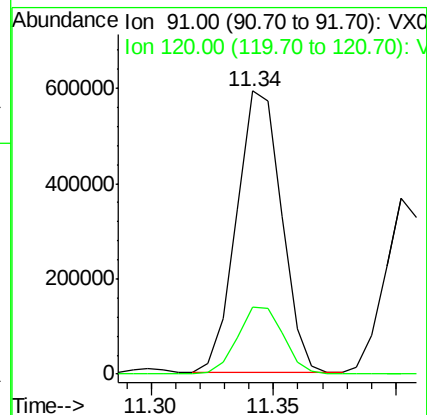
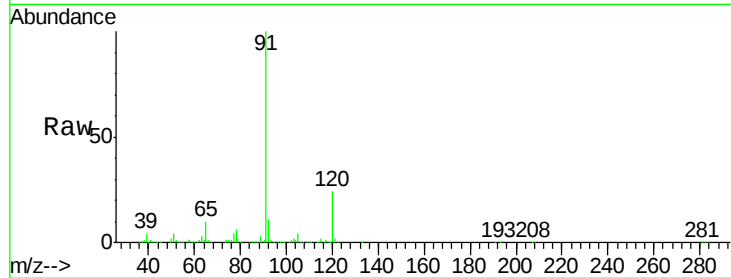
Ion Ratio Lower Upper

91 100

120 24.2 11.9 35.5

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#79

2-Chlorotoluene

Concen: 49.882 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016868.D

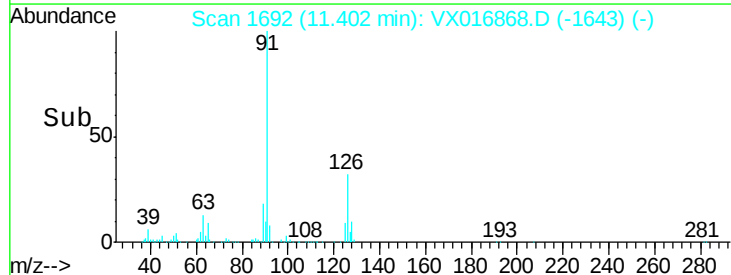
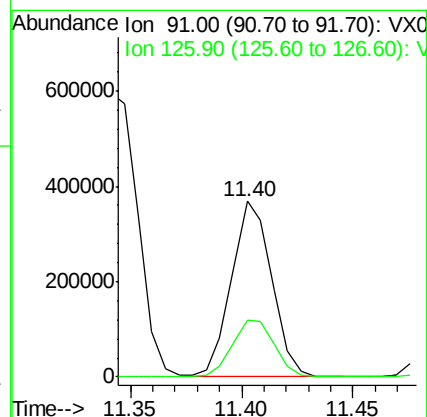
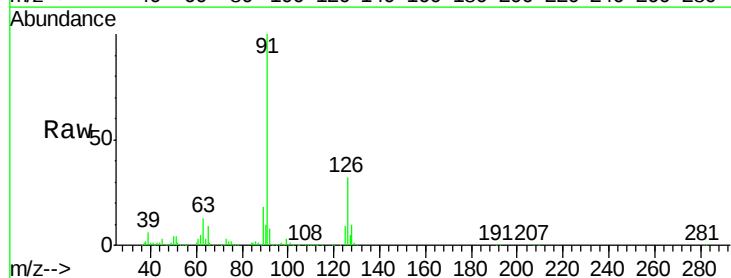
Acq: 19 Jun 2020 03:19

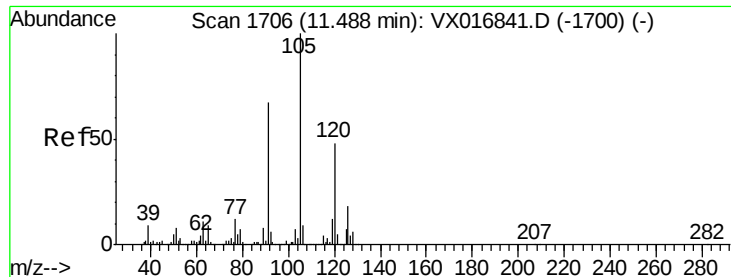
Tgt Ion: 91 Resp: 461116

Ion Ratio Lower Upper

91 100

126 34.2 17.2 51.5





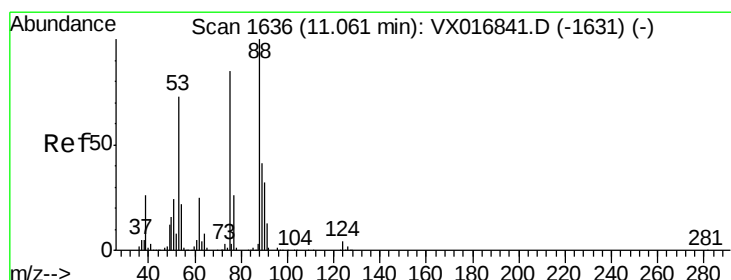
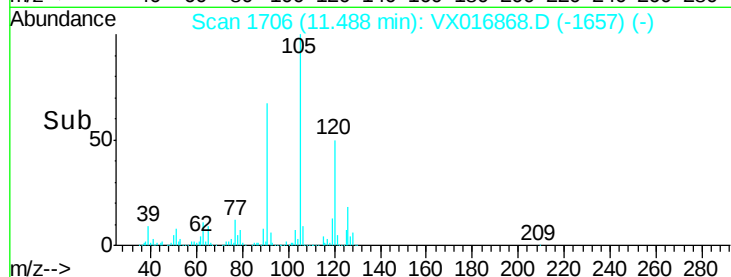
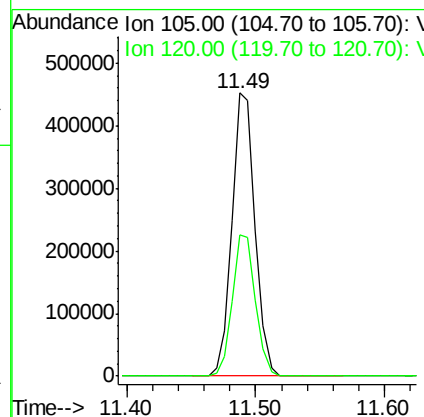
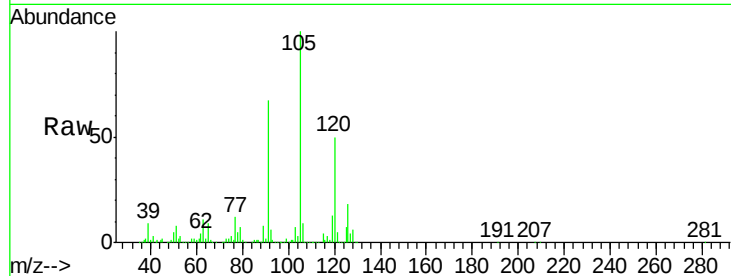
#80
 1,3,5-Trimethylbenzene
 Concen: 48.632 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX016868.D
 Acq: 19 Jun 2020 03:19

Instrument :
 MSVOA_X
 ClientSampled :
 MW-23MS

Tot Ion: 105 Resp: 568060
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.6 74.0

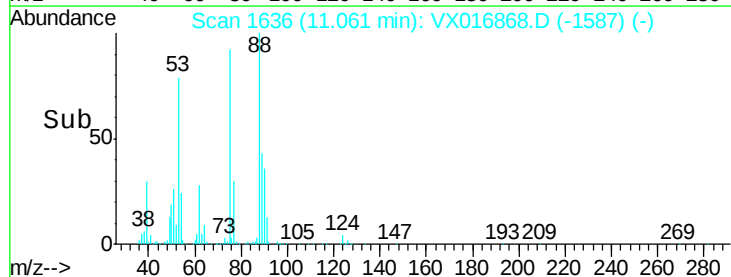
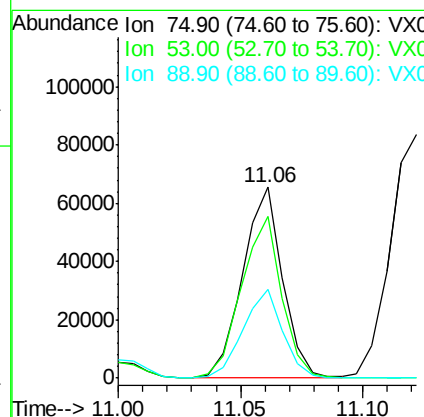
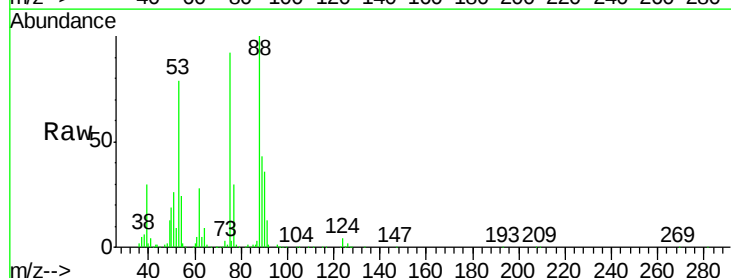
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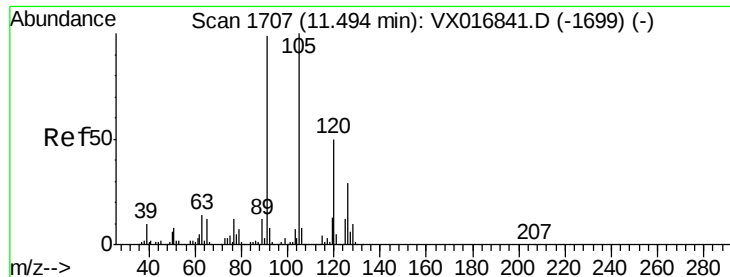
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.993 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX016868.D
 Acq: 19 Jun 2020 03:19

Tgt Ion: 75 Resp: 73692
 Ion Ratio Lower Upper
 75 100
 53 85.9 69.8 104.8
 89 46.6 38.3 57.5





#82

4-Chlorotoluene

Concen: 48.667 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

ClientSampled :

MW-23MS

Tot Ion: 91 Resp: 539729

Ion Ratio Lower Upper

91 100

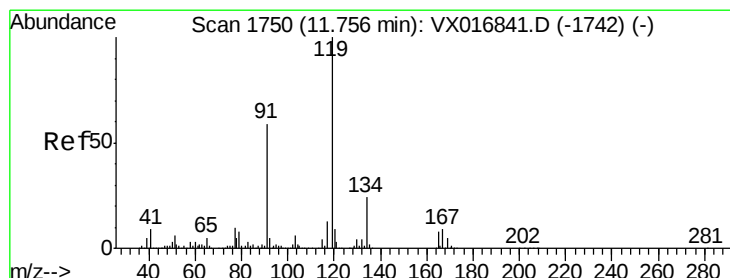
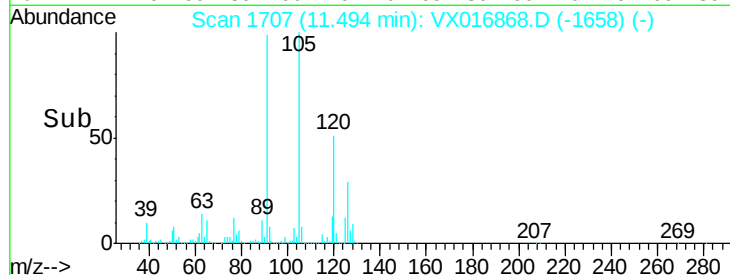
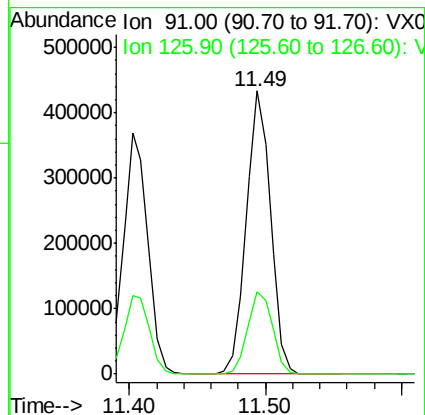
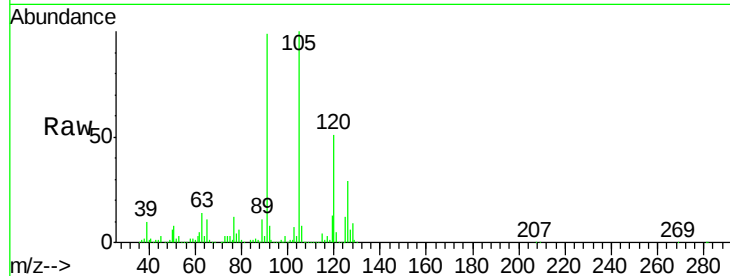
126 30.1 15.0 45.0

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#83

tert-Butylbenzene

Concen: 49.362 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

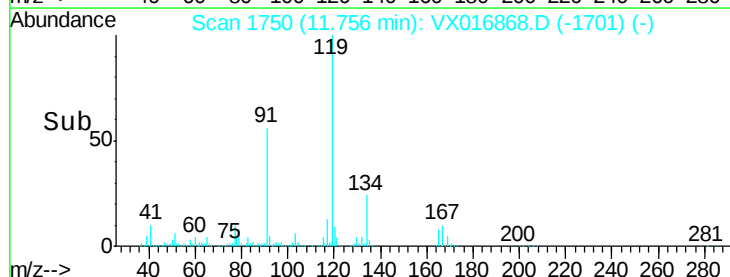
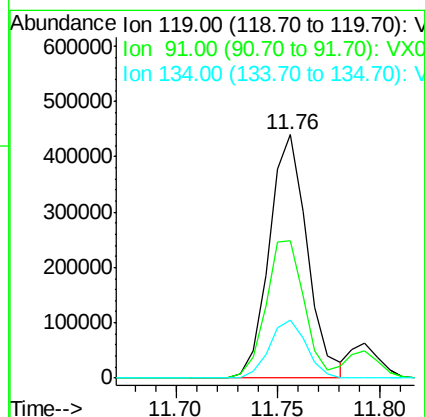
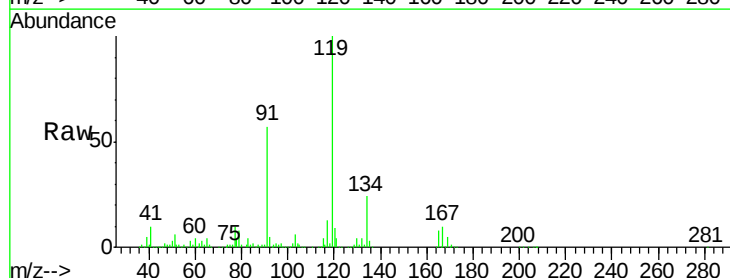
Tgt Ion: 119 Resp: 570479

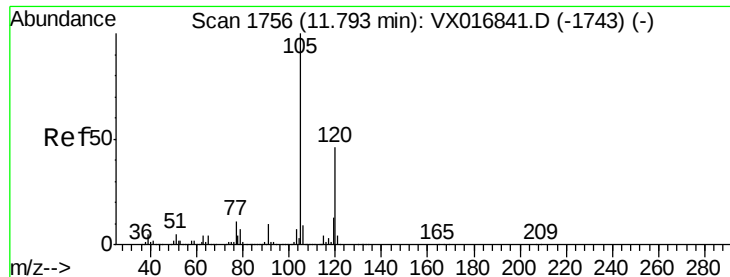
Ion Ratio Lower Upper

119 100

91 56.7 28.5 85.5

134 23.2 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 49.130 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

ClientSampleId :

MW-23MS

Tot Ion:105 Resp: 591153

Ion Ratio Lower Upper

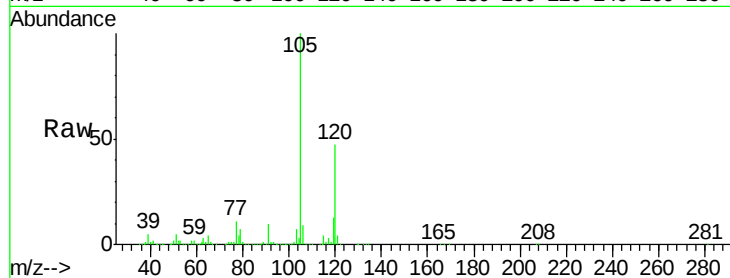
105 100

120 45.4 22.3 66.9

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

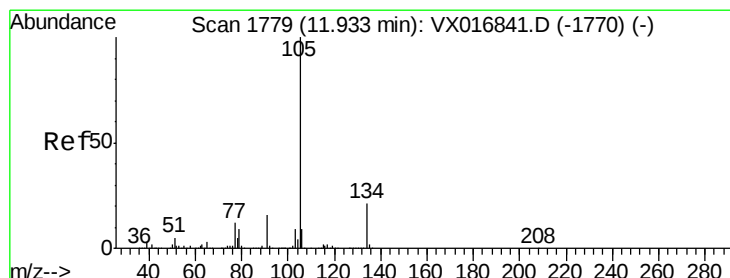
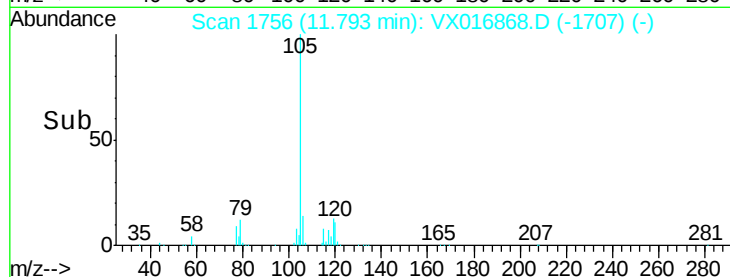
0

11.79

11.80

11.90

Time-->



#85

sec-Butylbenzene

Concen: 49.374 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016868.D

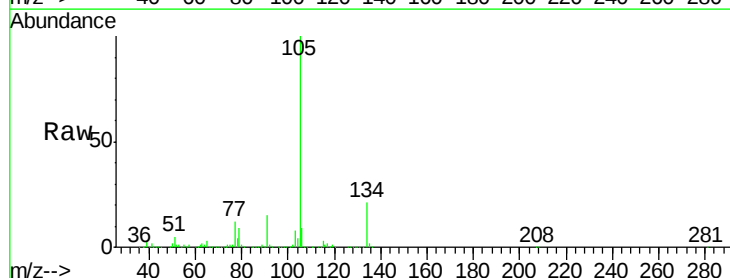
Acq: 19 Jun 2020 03:19

Tgt Ion:105 Resp: 662714

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

500000

400000

300000

200000

100000

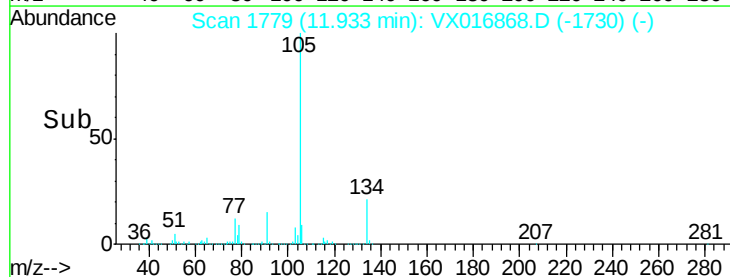
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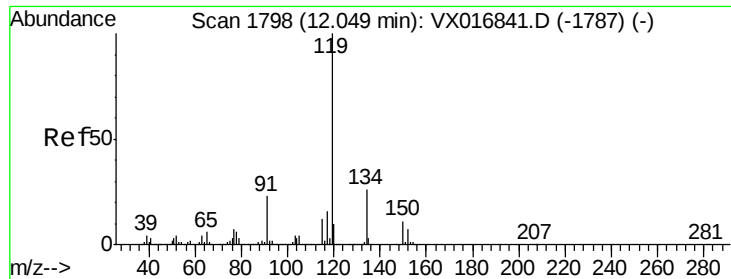
11.93

11.95

12.00

Time-->





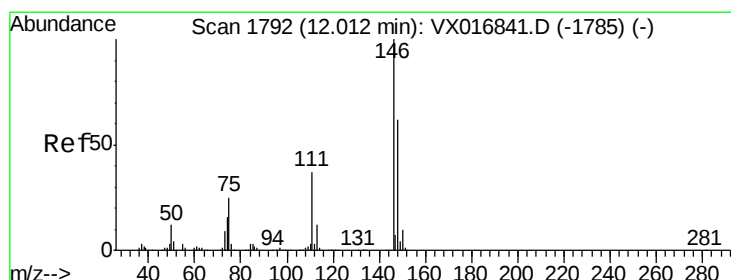
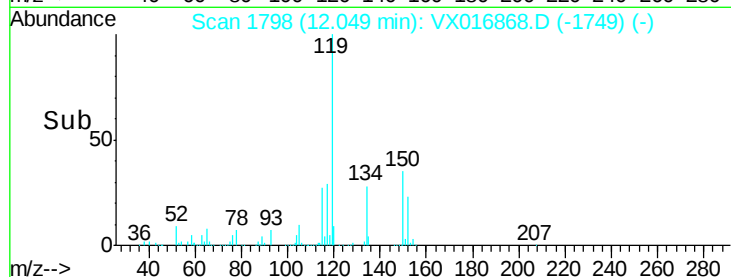
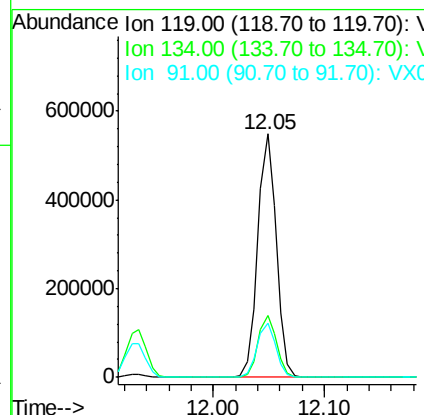
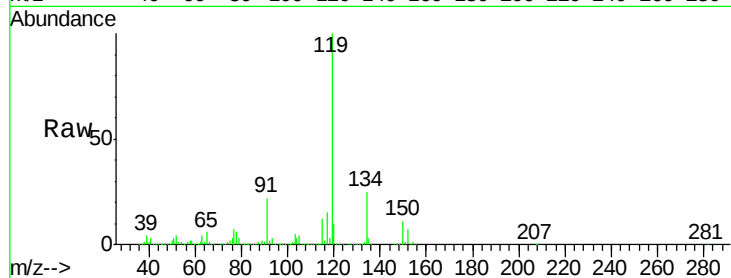
#86
p-Isopropyltoluene
Concen: 51.698 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Instrument :
MSVOA_X
ClientSampleId :
MW-23MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	635781		
134	25.6	12.9	38.7	
91	22.7	11.6	34.8	

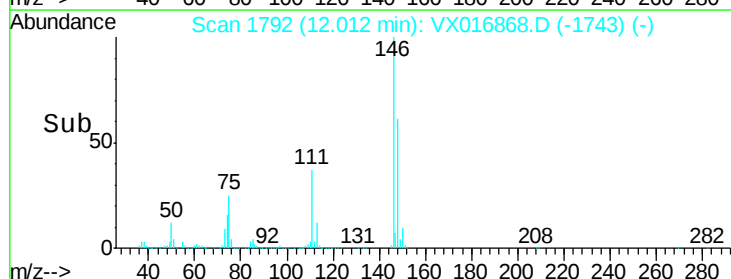
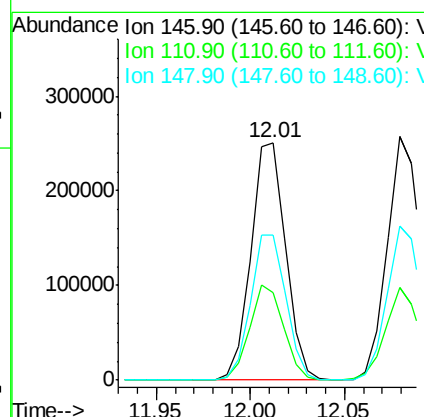
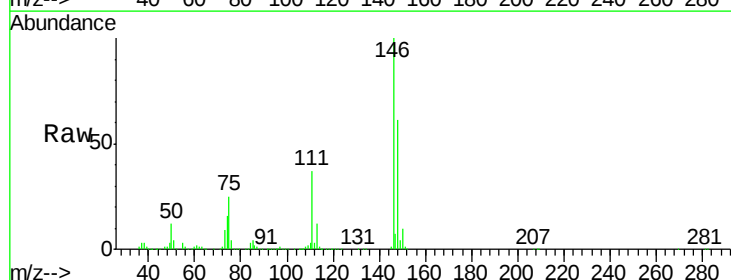
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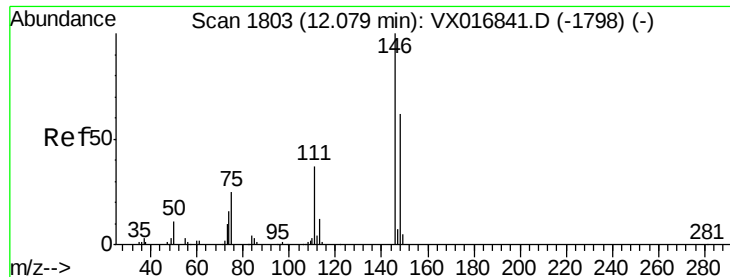
MMDadoda
6/19/2020 12:50:46 PM



#87
1,3-Dichlorobenzene
Concen: 47.605 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	321114		
111	39.4	19.4	58.2	
148	62.4	31.8	95.3	





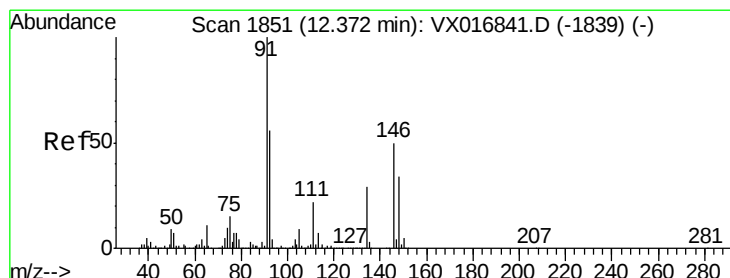
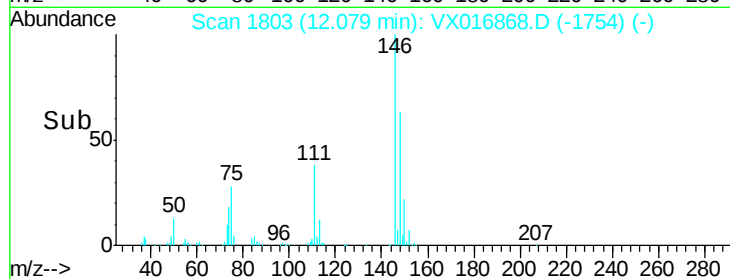
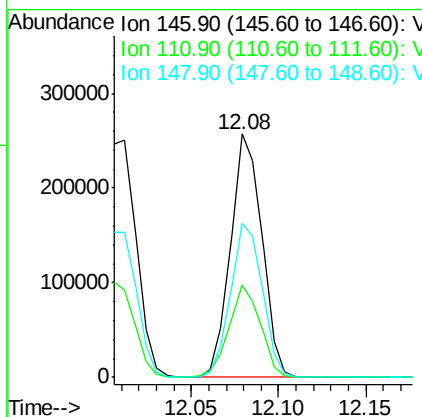
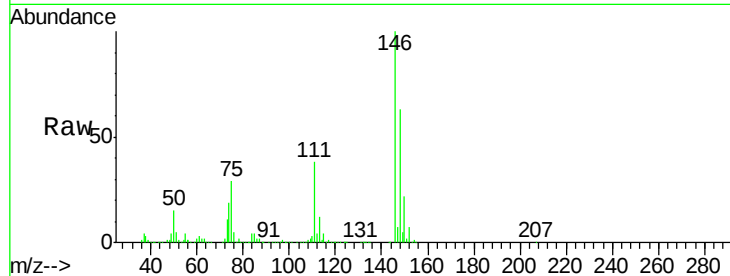
#88
 1,4-Dichlorobenzene
 Concen: 47.119 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016868.D
 Acq: 19 Jun 2020 03:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	64.2	31.6	95.0

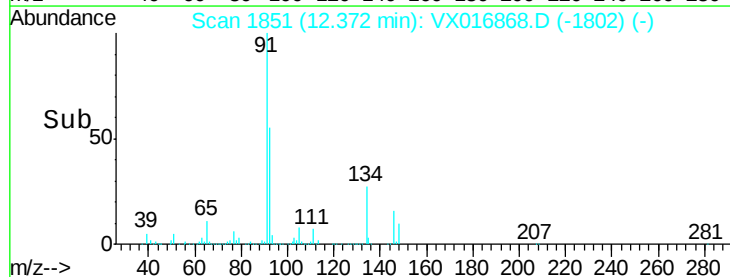
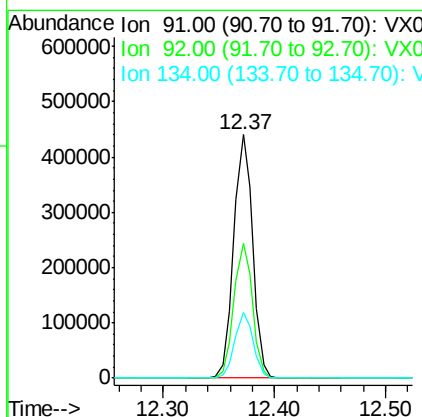
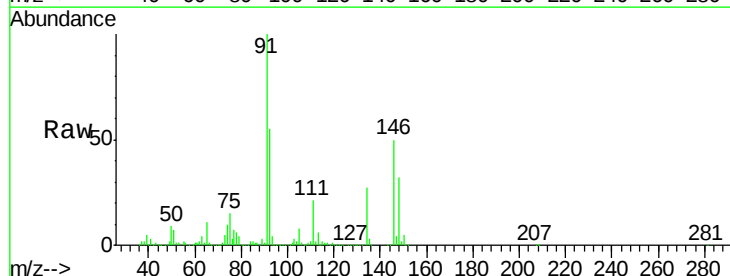
Manual Integrations
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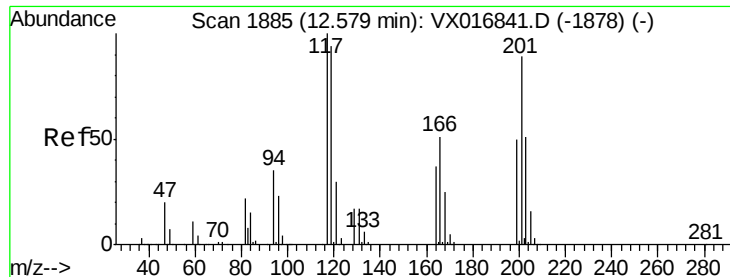
MMDadoda
 6/19/2020 12:50:46 PM



#89
 n-Butylbenzene
 Concen: 48.866 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX016868.D
 Acq: 19 Jun 2020 03:19

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.4	82.2
134	26.3	13.9	41.6





#90

Hexachloroethane

Concen: 47.849 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

Instrument :

MSVOA_X

ClientSampleId :

MW-23MS

Tot Ion:117 Resp: 106001

Ion Ratio Lower Upper

117 100

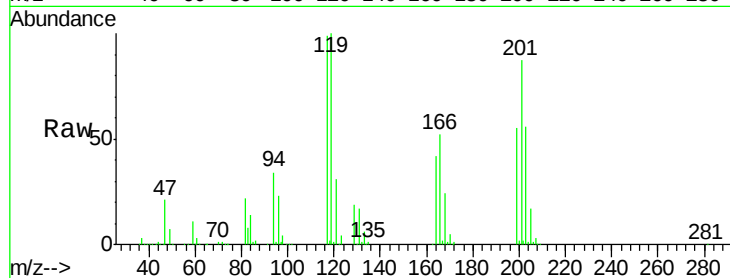
201 90.1 44.9 134.5

Manual Integrations

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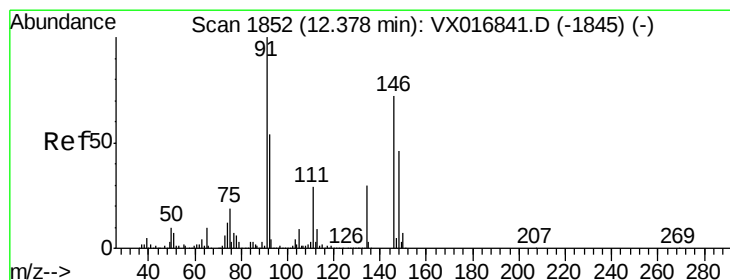
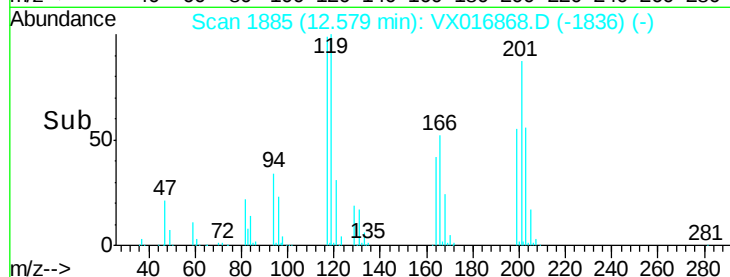
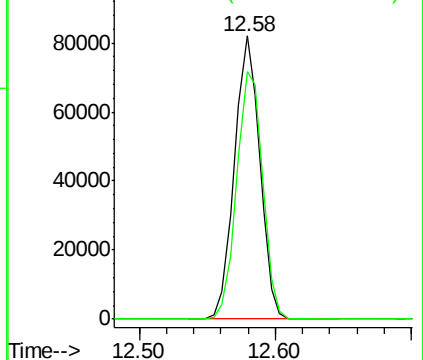
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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 45.804 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016868.D

Acq: 19 Jun 2020 03:19

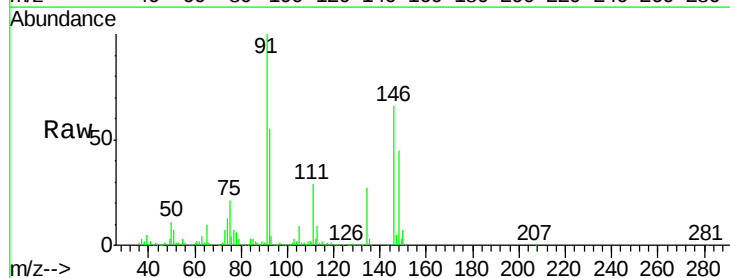
Tgt Ion:146 Resp: 298273

Ion Ratio Lower Upper

146 100

111 42.2 20.9 62.7

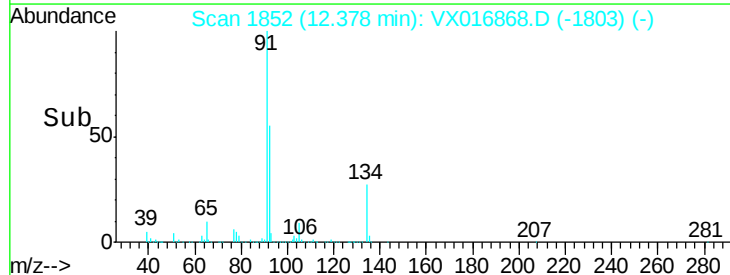
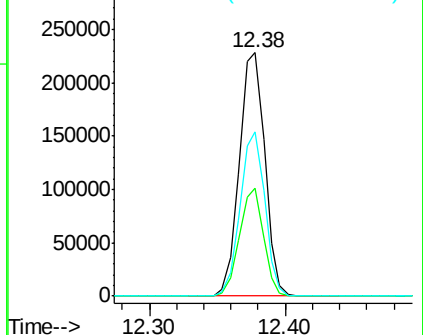
148 65.2 32.9 98.6

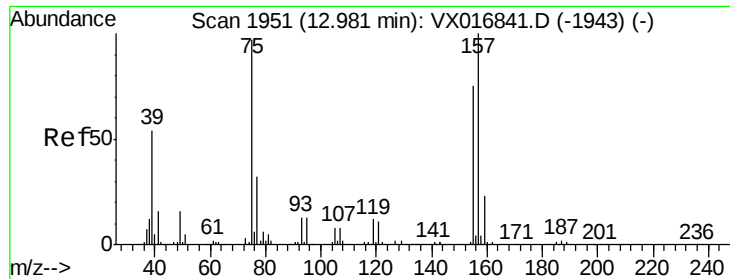


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





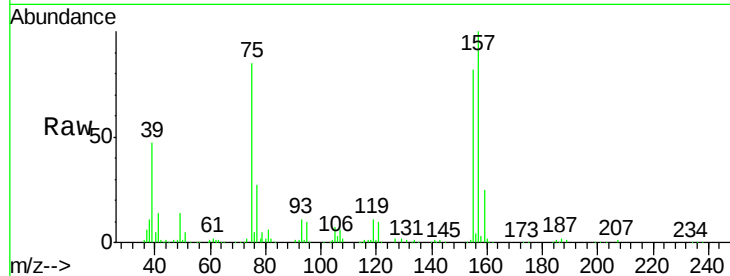
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.170 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016868.D
 Acq: 19 Jun 2020 03:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	95.1	46.4	139.1
157	120.4	58.6	175.8

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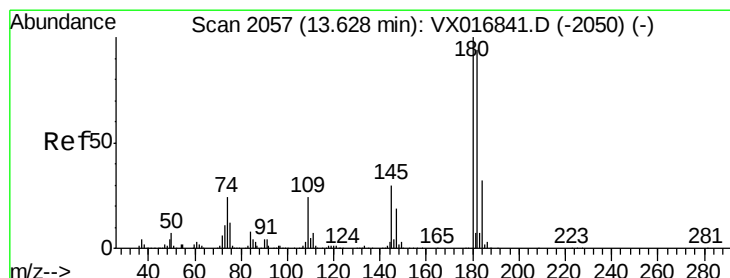
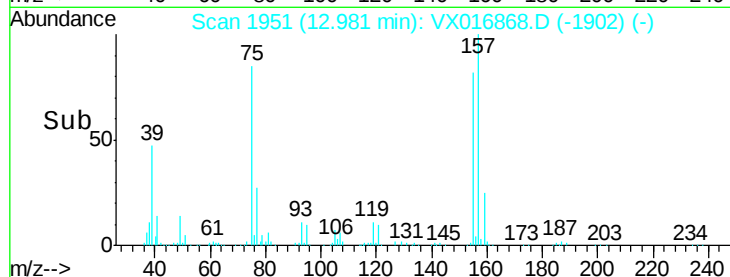
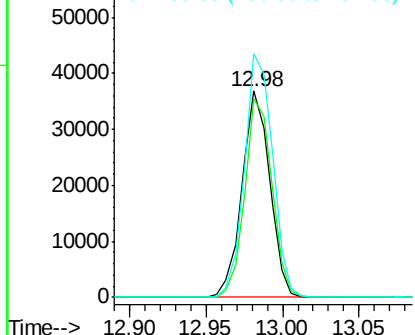
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Abundance Ion 74.90 (74.60 to 75.60): VX016841.D (-1943) (-)

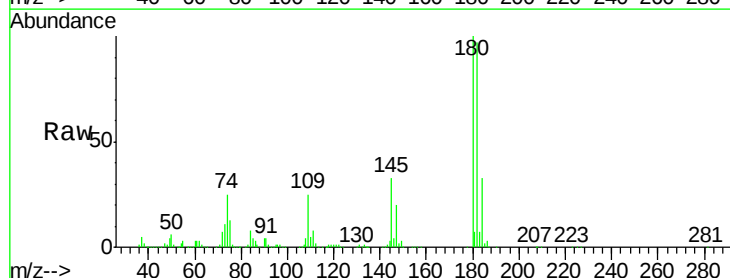
Ion 154.80 (154.50 to 155.50): VX016841.D (-1943) (-)

Ion 156.80 (156.50 to 157.50): VX016841.D (-1943) (-)



#93
 1,2,4-Trichlorobenzene
 Concen: 48.344 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016868.D
 Acq: 19 Jun 2020 03:19

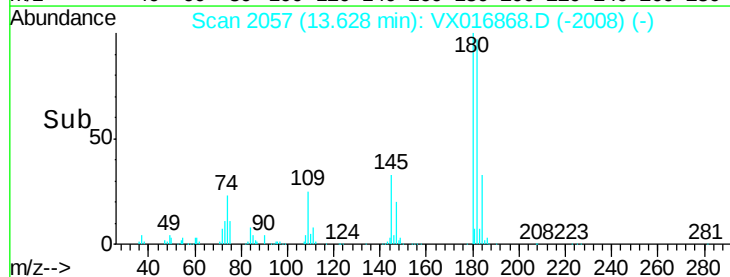
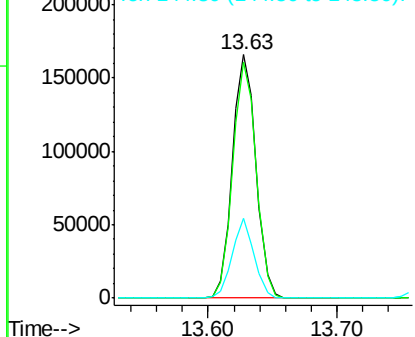
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.7	143.1
145	30.6	15.0	45.1

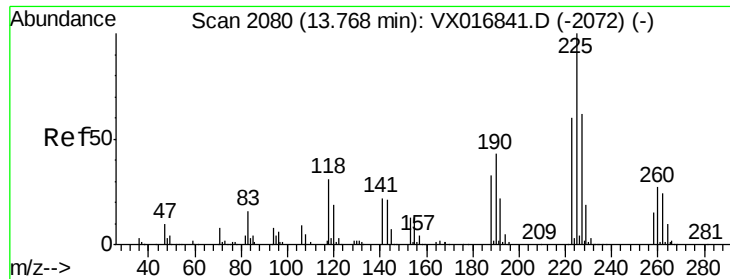


Abundance Ion 179.80 (179.50 to 180.50): VX016841.D (-2050) (-)

Ion 181.80 (181.50 to 182.50): VX016841.D (-2050) (-)

Ion 144.80 (144.50 to 145.50): VX016841.D (-2050) (-)





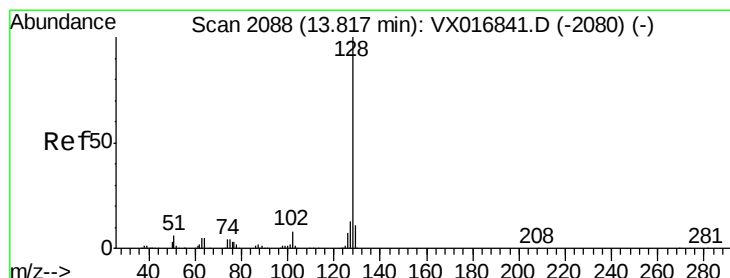
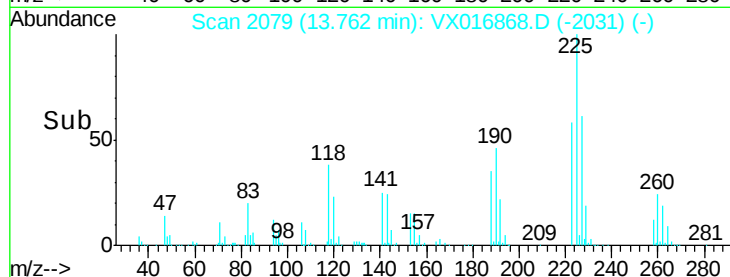
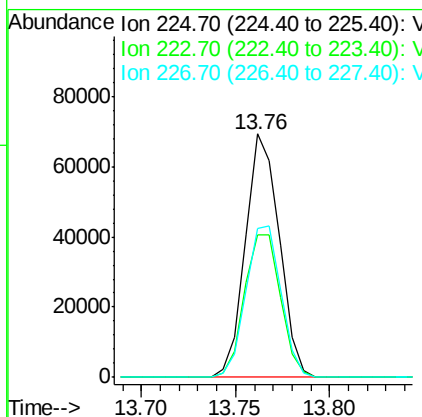
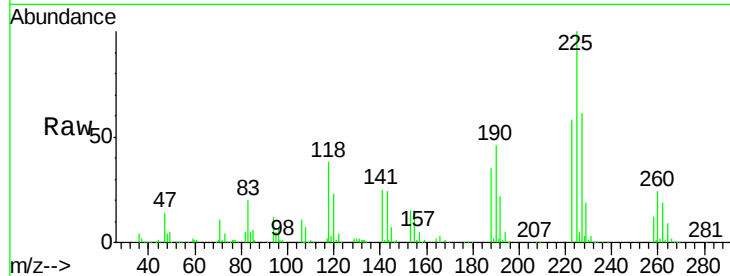
#94
Hexachlorobutadiene
Concen: 43.960 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Instrument :
MSVOA_X
ClientSampleId :
MW-23MS

Tot Ion	Ratio	Resp	Lower	Upper
225	100	86741		
223	62.4		32.1	96.5
227	64.4		32.3	96.8

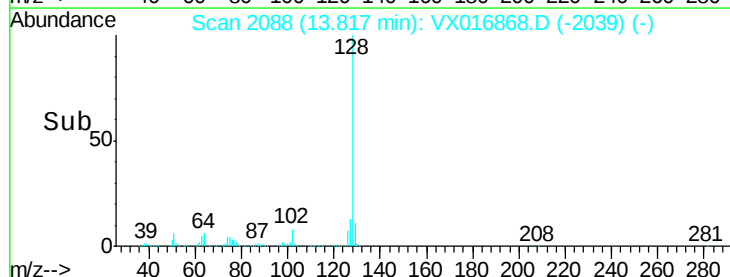
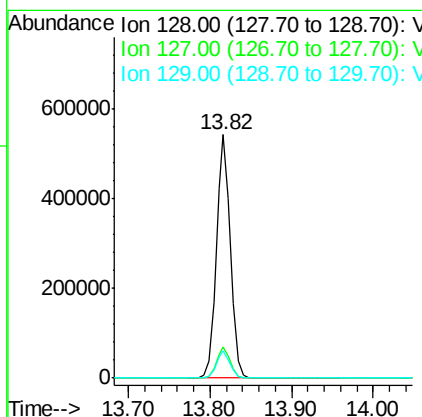
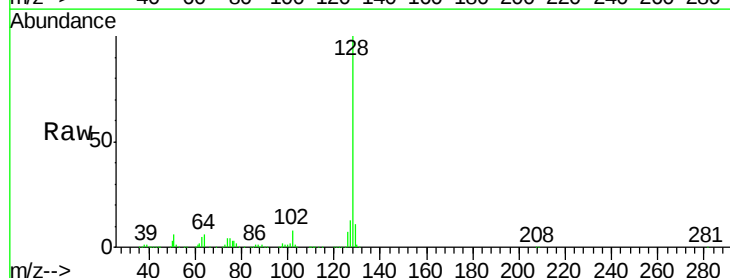
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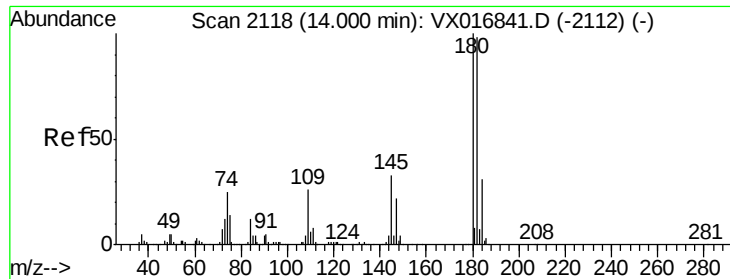
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#95
Naphthalene
Concen: 51.039 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016868.D
Acq: 19 Jun 2020 03:19

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	655228		
127	12.7		10.4	15.6
129	11.0		8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 48.097 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX016868.D
 Acq: 19 Jun 2020 03:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	209743		
182	94.7		47.4	142.3
145	32.8		16.0	48.0

Manual Integrations
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