

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062619\
 Data File : VX010473.D
 Acq On : 26 Jun 2019 19:16
 Operator : JC/SP
 Sample : K3527-20MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-GMW-5S-R-M24W1-061919MS

Manual Integrations
 APPROVED

MMDadoda
 6/27/2019 10:11:48 AM

Quant Time: Jun 27 03:30:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	253419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	379482	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	352168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179486	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	125463	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
35) Dibromofluoromethane	5.50	113	123429	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
50) Toluene-d8	8.71	98	464215	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
62) 4-Bromofluorobenzene	11.13	95	166703	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	81437	46.223	ug/l 100
3) Chloromethane	1.32	50	95294	46.449	ug/l 100
4) Vinyl Chloride	1.41	62	103196	45.925	ug/l 100
5) Bromomethane	1.64	94	55889	51.053	ug/l 99
6) Chloroethane	1.71	64	68718	51.834	ug/l 96
7) Trichlorofluoromethane	1.92	101	179724	50.454	ug/l 98
8) Diethyl Ether	2.19	74	63637	49.816	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	104035	48.194	ug/l 99
10) Methyl Iodide	2.51	142	154748	50.231	ug/l 97
11) Tert butyl alcohol	3.06	59	160078	257.469	ug/l 99
12) 1,1-Dichloroethene	2.37	96	105276	47.927	ug/l 98
13) Acrolein	2.29	56	83948	203.538	ug/l 99
14) Allyl chloride	2.73	41	153435	49.201	ug/l 100
15) Acrylonitrile	3.14	53	319444	259.506	ug/l 99
16) Acetone	2.45	43	249926	209.880	ug/l 98
17) Carbon Disulfide	2.57	76	255112	43.290	ug/l 100
18) Methyl Acetate	2.78	43	114421	48.211	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	347829	50.335	ug/l 98
20) Methylene Chloride	2.85	84	121348	49.517	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	112187	47.488	ug/l 98
22) Diisopropyl ether	3.85	45	329298	50.505	ug/l 97
23) Vinyl Acetate	3.82	43	1346513	239.054	ug/l 100
24) 1,1-Dichloroethane	3.70	63	187276	49.690	ug/l 99
25) 2-Butanone	4.67	43	431284	246.905	ug/l 99
26) 2,2-Dichloropropane	4.59	77	141718	43.286	ug/l 100
27) cis-1,2-Dichloroethene	4.60	96	136206	49.892	ug/l 98
28) Bromochloromethane	5.02	49	91024	50.514	ug/l 98
29) Tetrahydrofuran	5.13	42	278013	256.954	ug/l 100
30) Chloroform	5.21	83	204300	50.381	ug/l 99
31) Cyclohexane	5.58	56	163838	47.737	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	180498	50.410	ug/l 99
36) 1,1-Dichloropropene	5.80	75	143388	47.549	ug/l 99
37) Ethyl Acetate	4.83	43	150381	48.474	ug/l 100
38) Carbon Tetrachloride	5.78	117	159004	48.693	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	182097	45.939	ug/l	98
40) Benzene	6.14	78	463813	49.368	ug/l	99
41) Methacrylonitrile	5.04	41	86973	51.095	ug/l	99
42) 1,2-Dichloroethane	6.20	62	147761	51.668	ug/l	99
43) Isopropyl Acetate	6.45	43	251085	48.919	ug/l	99
44) Trichloroethene	7.21	130	137443	48.891	ug/l	98
45) 1,2-Dichloropropane	7.51	63	116281	49.012	ug/l	99
46) Dibromomethane	7.66	93	85447	50.198	ug/l	98
47) Bromodichloromethane	7.90	83	157115	50.366	ug/l	97
48) Methyl methacrylate	7.77	41	125483	52.597	ug/l	100
49) 1,4-Dioxane	7.74	88	68985	1003.749	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	862488	262.739	ug/l	99
52) Toluene	8.79	92	306706	49.573	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	171210	48.954	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	185872	48.905	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	130567	51.170	ug/l	98
56) Ethyl methacrylate	9.18	69	197257	51.032	ug/l	98
57) 1,3-Dichloropropane	9.37	76	200750	50.683	ug/l	100
59) 2-Hexanone	9.49	43	660324	255.584	ug/l	99
60) Dibromochloromethane	9.58	129	145476	50.920	ug/l	100
61) 1,2-Dibromoethane	9.67	107	139536	50.664	ug/l	100
64) Tetrachloroethene	9.33	164	129239	45.372	ug/l	98
65) Chlorobenzene	10.14	112	348306	48.716	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	130327	50.043	ug/l	99
67) Ethyl Benzene	10.25	91	593942	49.207	ug/l	100
68) m/p-Xylenes	10.36	106	459130	98.169	ug/l	100
69) o-Xylene	10.69	106	224434	48.797	ug/l	100
70) Stvrene	10.71	104	383945	49.777	ug/l	99
71) Bromoform	10.85	173	114046	50.357	ug/l #	99
73) Isopropylbenzene	11.02	105	595454	48.940	ug/l	99
74) N-amyl acetate	10.90	43	218808	47.586	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	200900	49.859	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	163177m	49.890	ug/l	
77) Bromobenzene	11.26	156	165943	48.845	ug/l	99
78) n-propylbenzene	11.36	91	659554	49.324	ug/l	100
79) 2-Chlorotoluene	11.42	91	388339	48.770	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	487822	48.635	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	63909	45.584	ug/l	96
82) 4-Chlorotoluene	11.51	91	448164	49.462	ug/l	100
83) tert-Butylbenzene	11.77	119	502608	49.926	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	494403	49.062	ug/l	100
85) sec-Butylbenzene	11.94	105	575052	48.650	ug/l	100
86) p-Isopropyltoluene	12.06	119	531686	48.630	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	286750	48.353	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	286390	47.436	ug/l	99
89) n-Butylbenzene	12.38	91	442881	47.670	ug/l	100
90) Hexachloroethane	12.60	117	94067	49.757	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	280437	47.580	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41825	48.144	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	193466	47.333	ug/l	99

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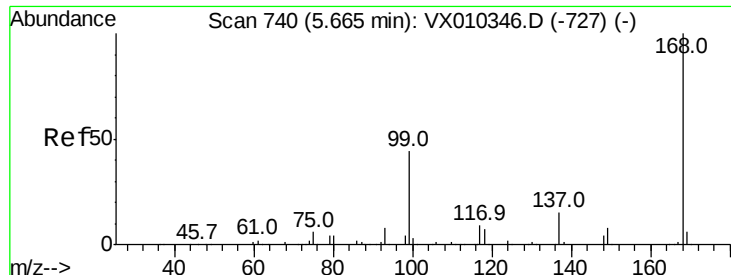
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	88996	44.550	ug/l	100
95) Naphthalene	13.83	128	619152	49.293	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	192889	47.464	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion:168 Resp: 253419

Ion Ratio Lower Upper

168 100

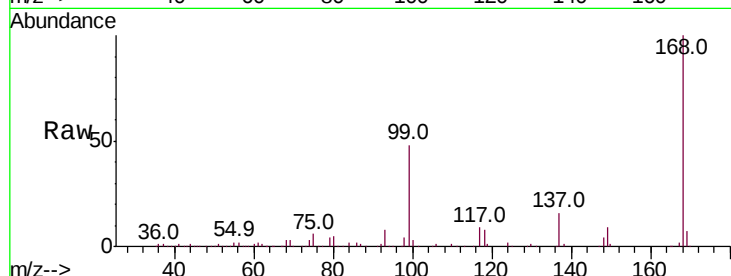
99 47.8 35.5 53.3

Manual Integrations

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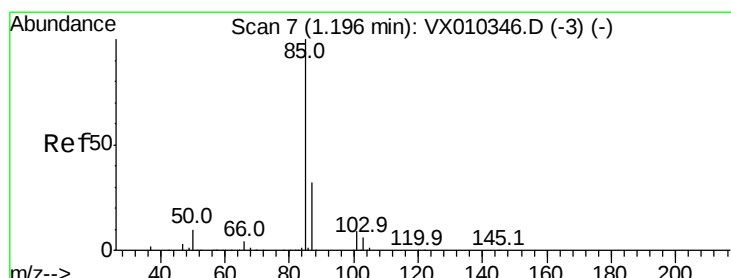
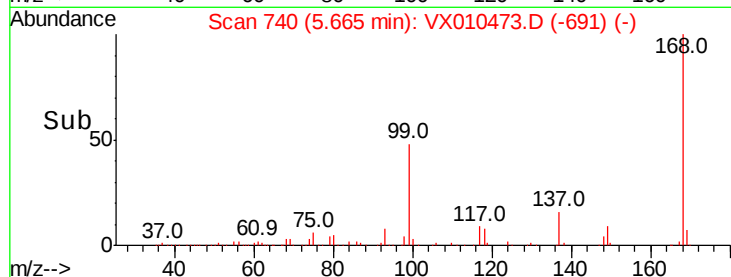
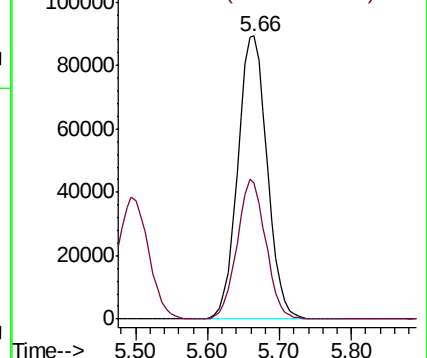
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.223 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010473.D

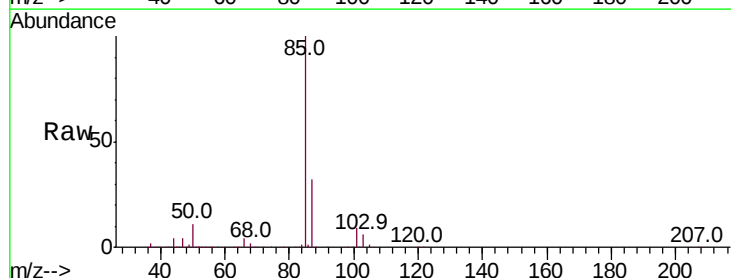
Acq: 26 Jun 2019 19:16

Tgt Ion: 85 Resp: 81437

Ion Ratio Lower Upper

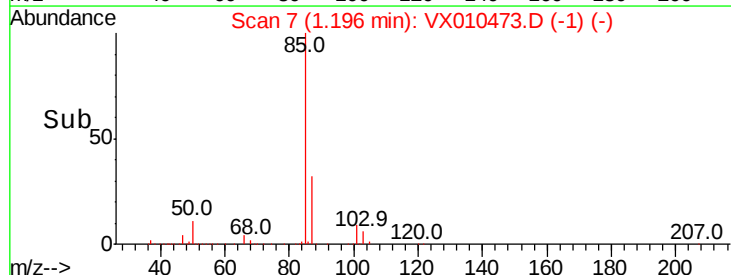
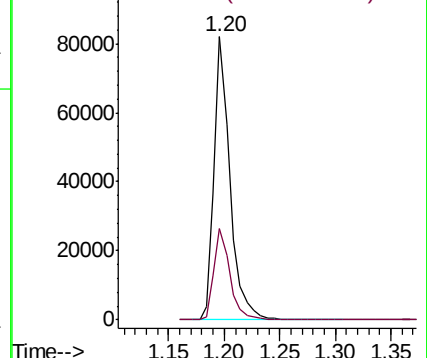
85 100

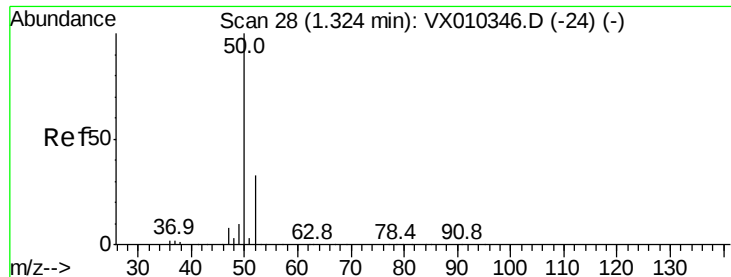
87 32.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.449 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion: 50 Resp: 95294

Ion Ratio Lower Upper

50 100

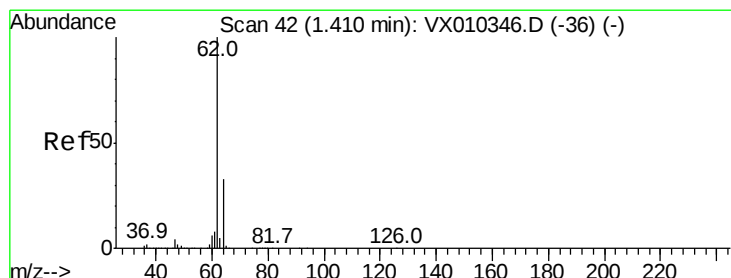
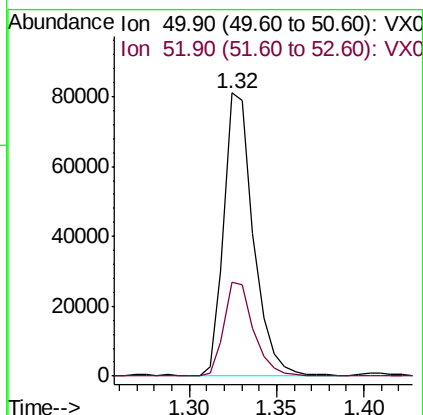
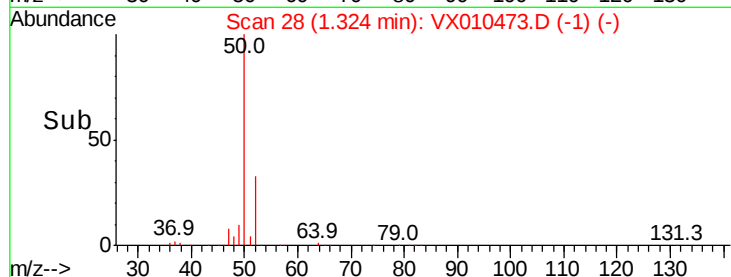
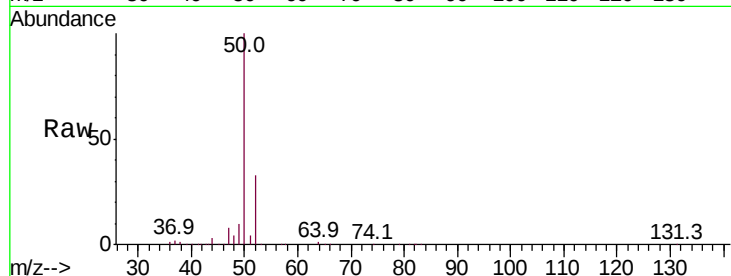
52 32.9 26.5 39.7

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#4

Vinyl Chloride

Concen: 45.925 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010473.D

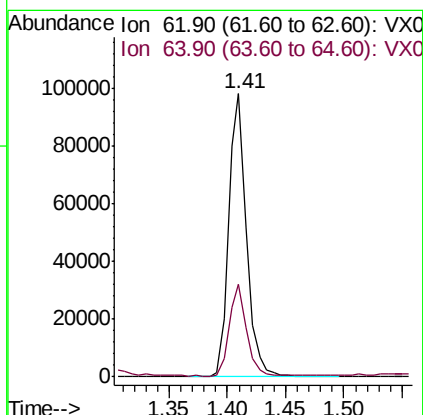
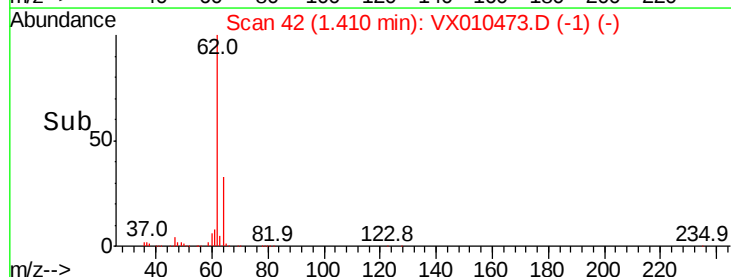
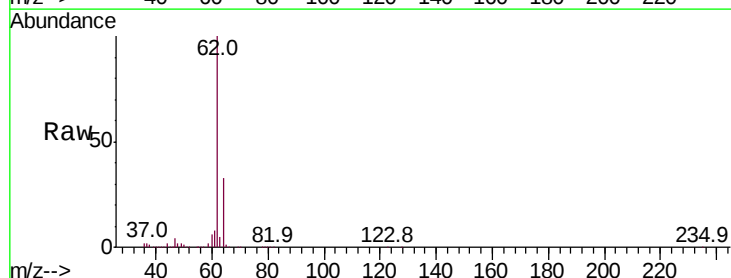
Acq: 26 Jun 2019 19:16

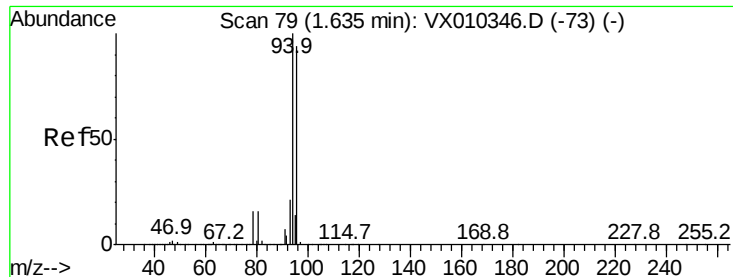
Tgt Ion: 62 Resp: 103196

Ion Ratio Lower Upper

62 100

64 32.5 26.2 39.4





#5

Bromomethane

Concen: 51.053 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 55889

Ion Ratio Lower Upper

94 100

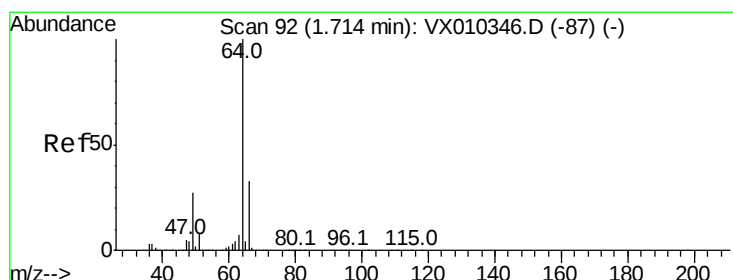
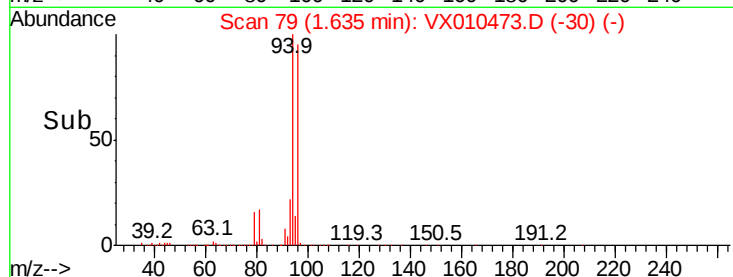
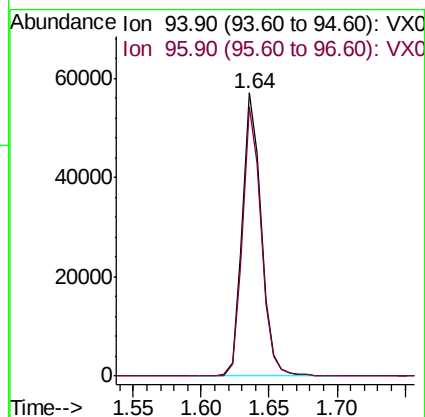
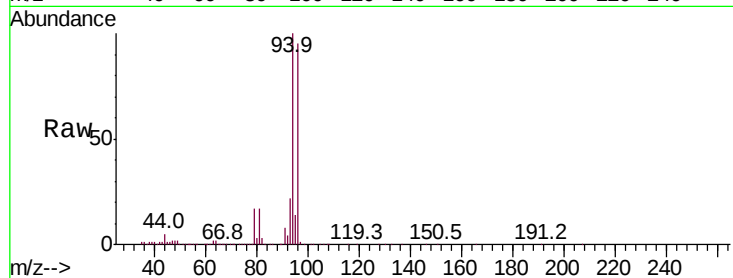
96 95.1 75.5 113.3

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#6

Chloroethane

Concen: 51.834 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX010473.D

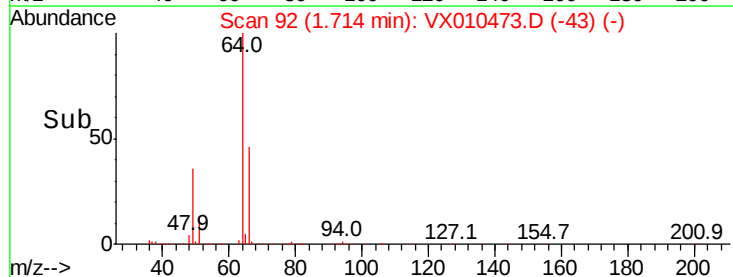
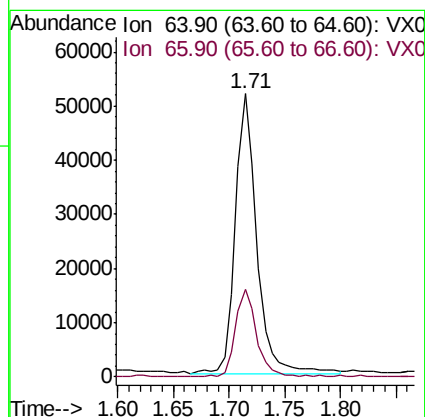
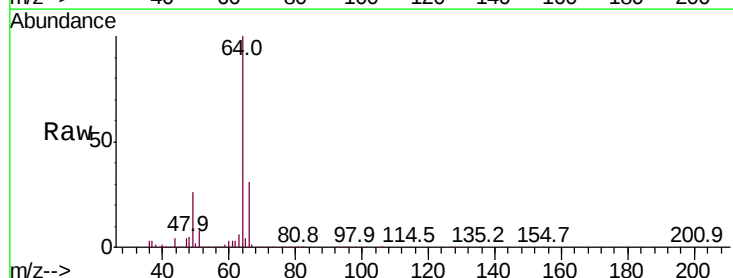
Acq: 26 Jun 2019 19:16

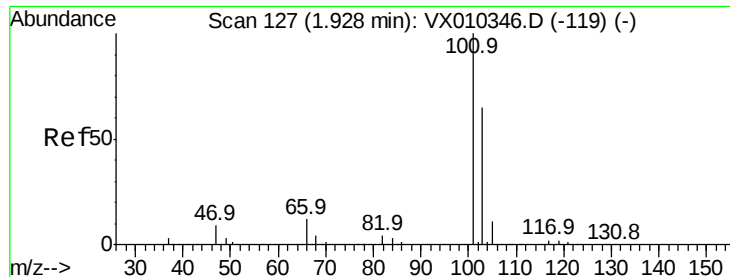
Tgt Ion: 64 Resp: 68718

Ion Ratio Lower Upper

64 100

66 31.2 26.6 40.0





#7

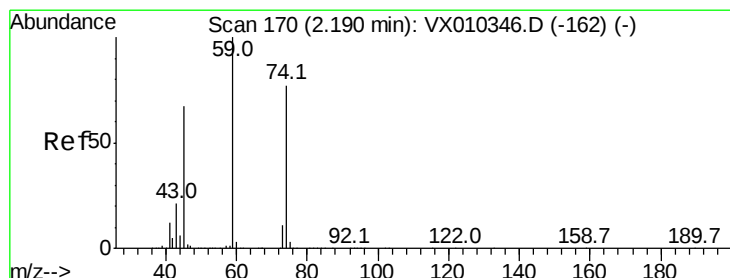
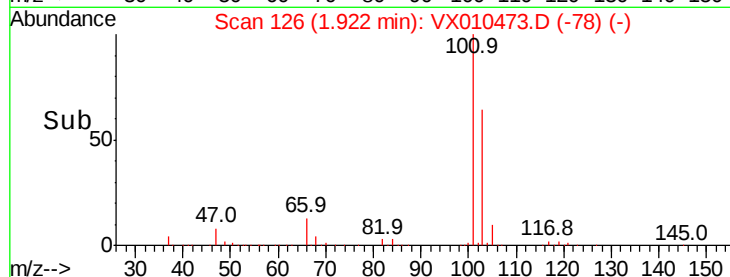
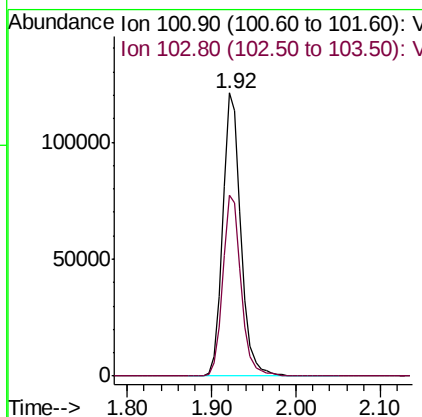
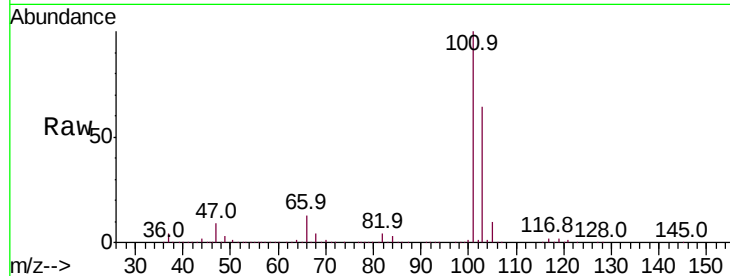
Trichlorofluoromethane
 Concen: 50.454 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX010473.D
 Acq: 26 Jun 2019 19:16

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Tot Ion:101 Resp: 179724
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.3 78.5

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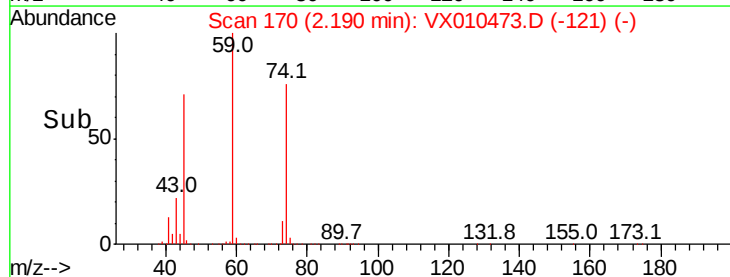
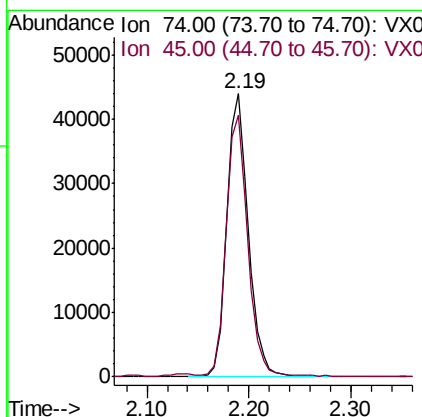
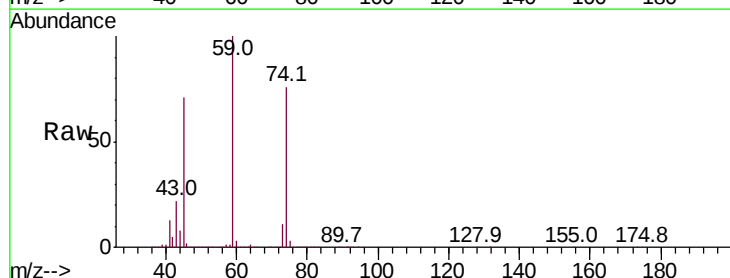
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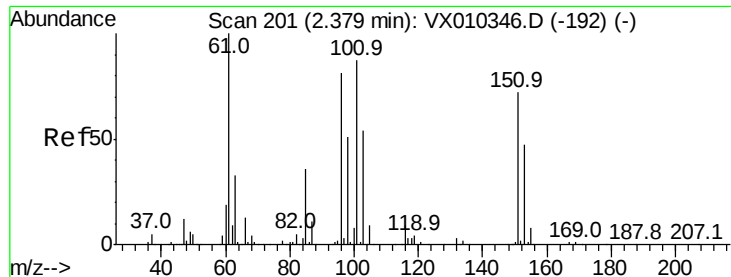


#8

Diethyl Ether
 Concen: 49.816 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010473.D
 Acq: 26 Jun 2019 19:16

Tgt Ion: 74 Resp: 63637
 Ion Ratio Lower Upper
 74 100
 45 91.3 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.194 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

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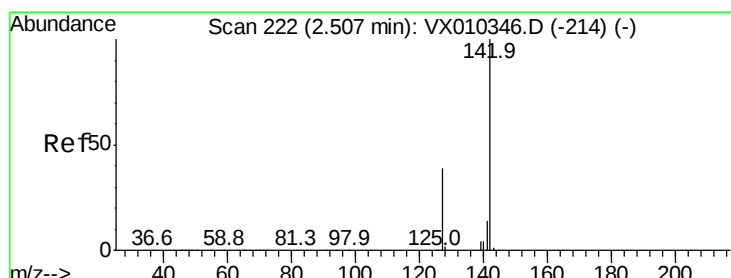
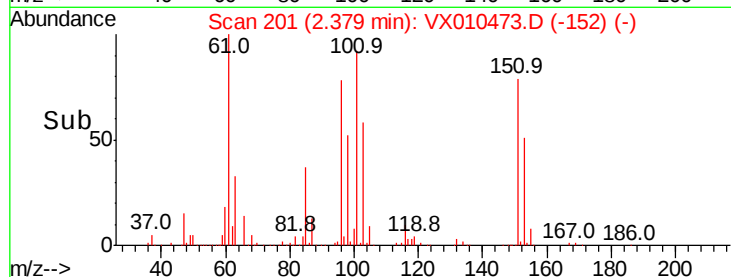
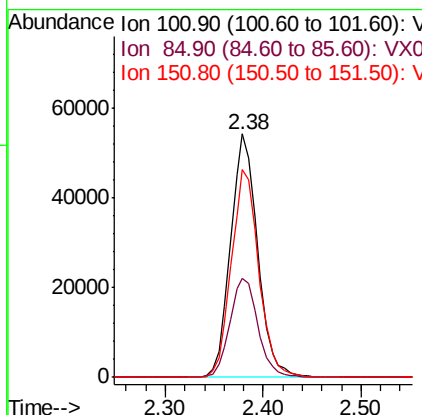
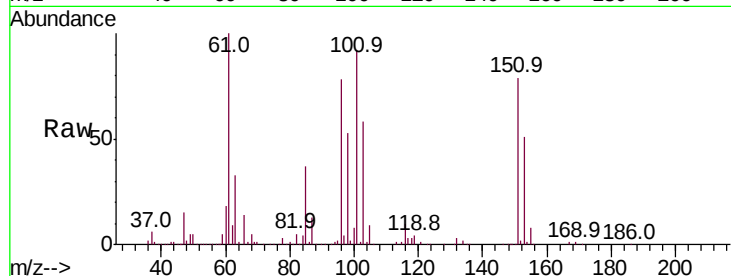
ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion:	101	Resp:	104035
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.7	50.5
151	86.5	70.1	105.1

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#10

Methyl Iodide

Concen: 50.231 ug/l

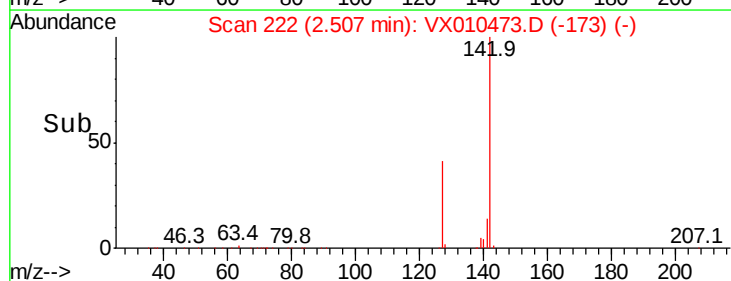
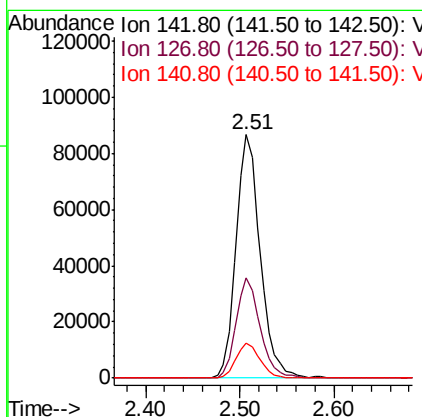
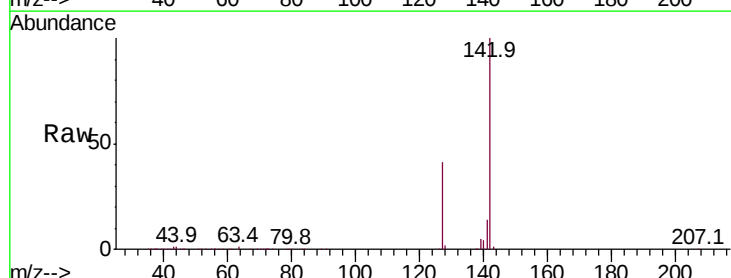
RT: 2.51 min Scan# 222

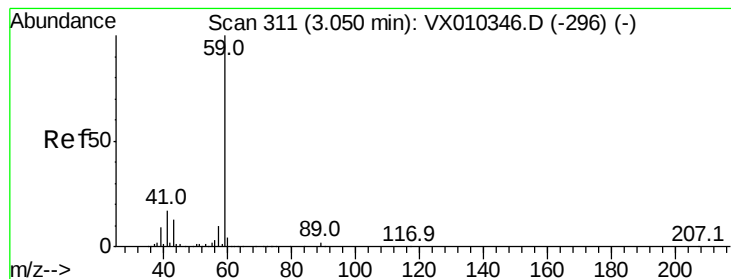
Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Tgt Ion:	142	Resp:	154748
Ion Ratio	Lower	Upper	
142	100		
127	41.2	31.1	46.7
141	14.3	11.2	16.8





#11

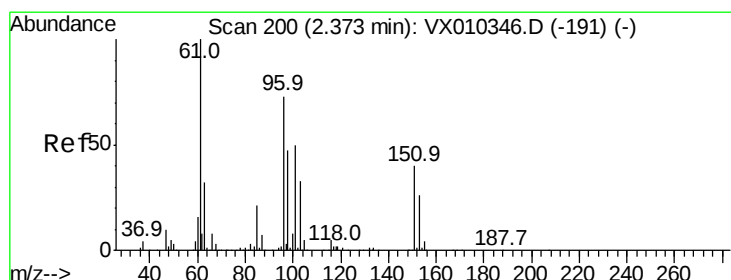
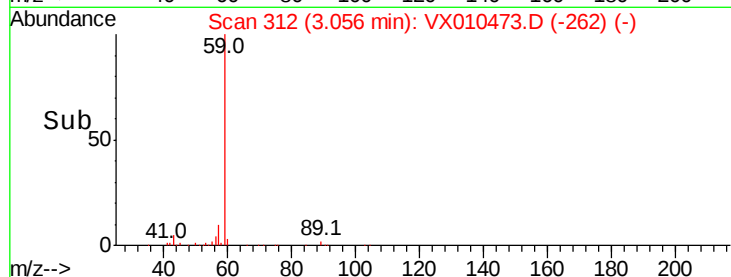
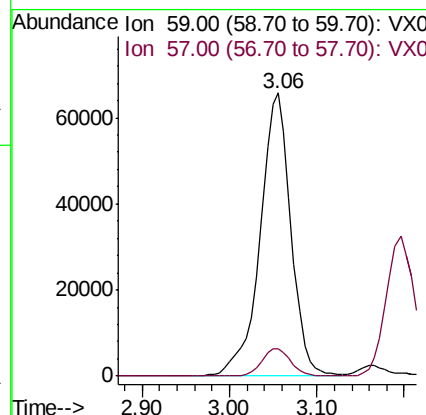
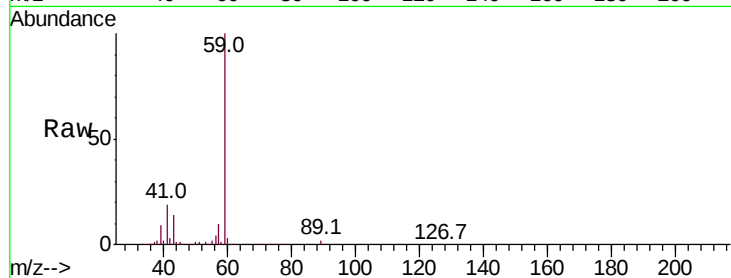
Tert butyl alcohol
Concen: 257.469 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Instrument :
MSVOA_X
ClientSampleId :
CPA-GMW-5S-R-M24W1-061919MS

Tot Ion: 59 Resp: 160078
Ion Ratio Lower Upper
59 100
57 9.4 7.7 11.5

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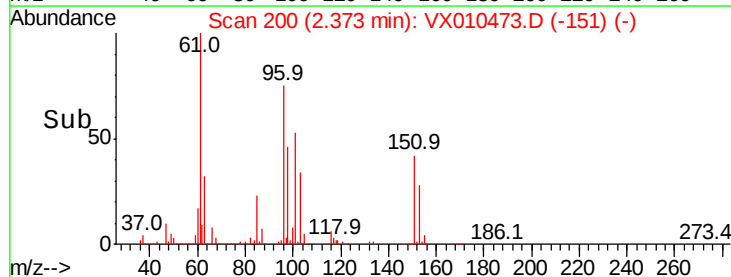
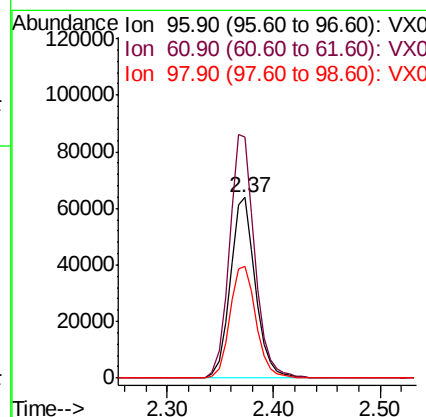
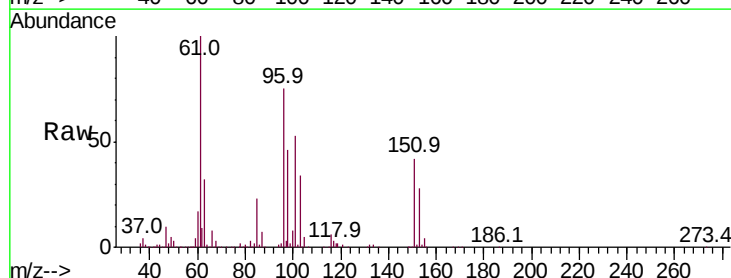
MMDadoda
6/27/2019 10:11:48 AM

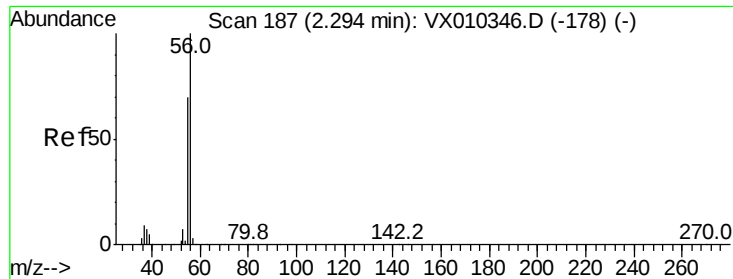


#12

1,1-Dichloroethene
Concen: 47.927 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Tgt Ion: 96 Resp: 105276
Ion Ratio Lower Upper
96 100
61 133.8 109.2 163.8
98 61.6 51.1 76.7





#13

Acrolein

Concen: 203.538 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion: 56 Resp: 83948

Ion Ratio Lower Upper

56 100

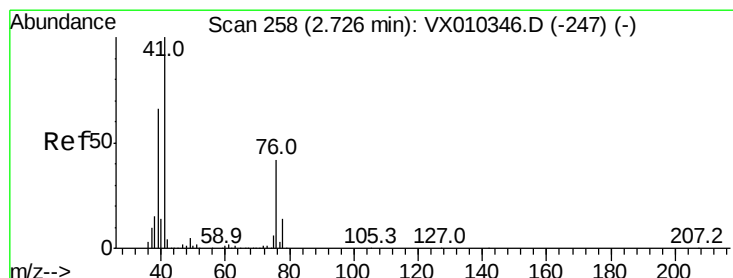
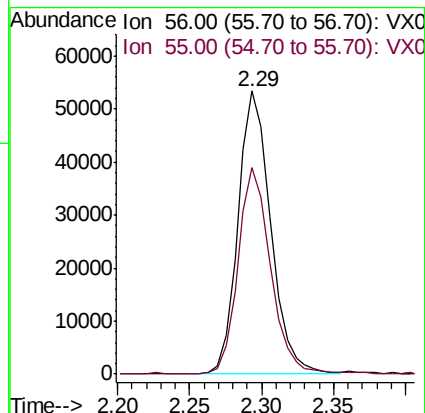
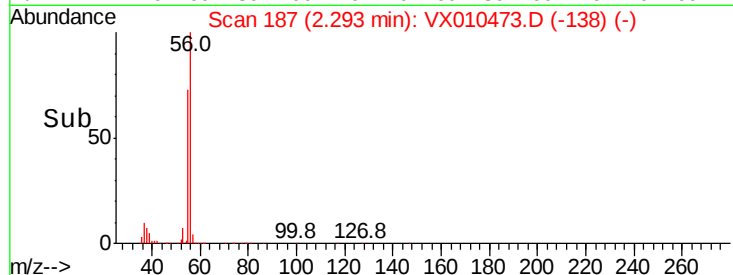
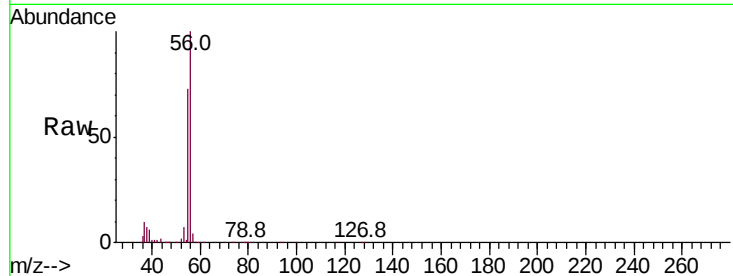
55 72.0 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 49.201 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

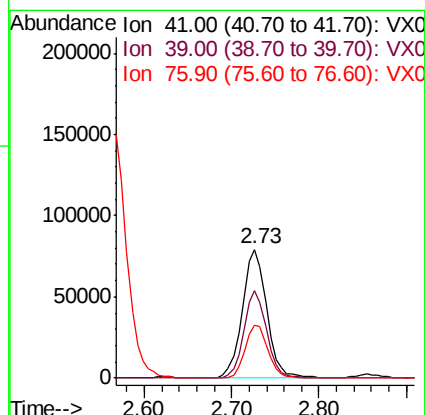
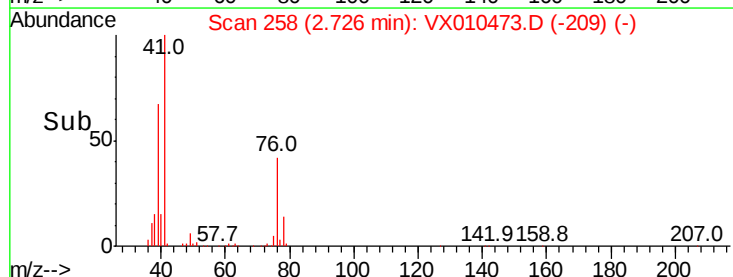
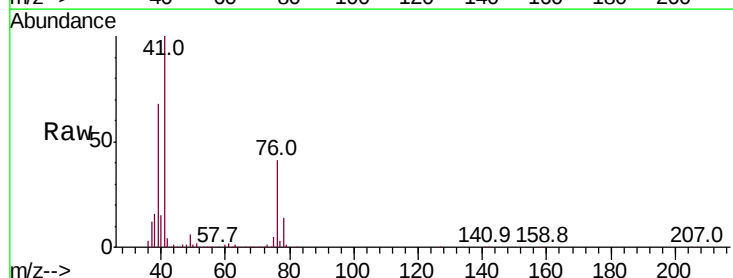
Tgt Ion: 41 Resp: 153435

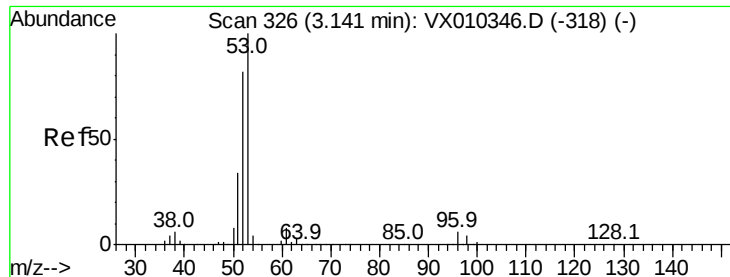
Ion Ratio Lower Upper

41 100

39 63.0 50.3 75.5

76 38.5 31.3 46.9





#15

Acrylonitrile

Concen: 259.506 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

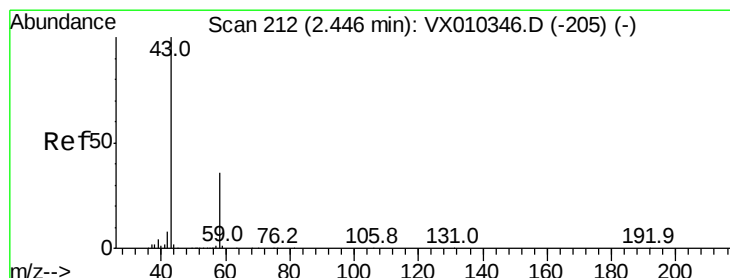
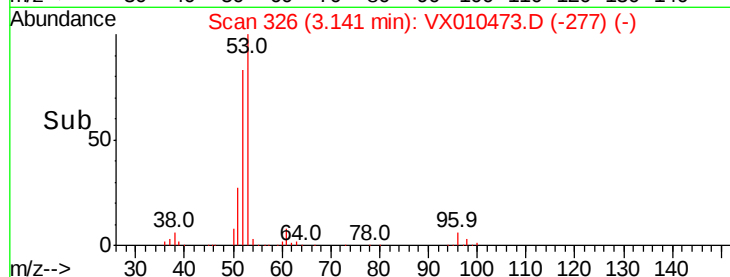
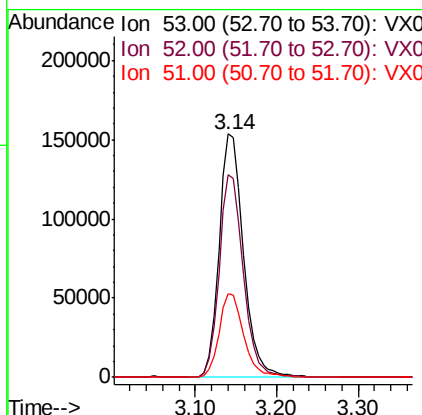
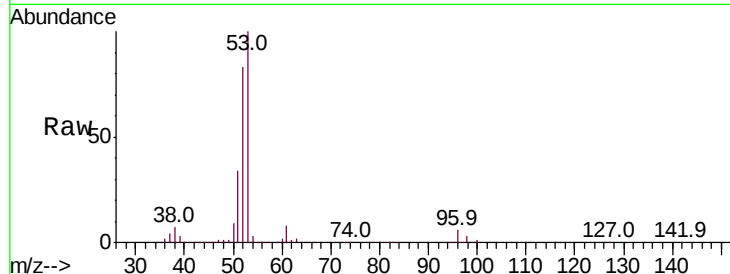
ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion:	53	Resp:	319444
Ion Ratio	Lower	Upper	
53	100		
52	82.2	65.5	98.3
51	34.7	28.2	42.4

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#16

Acetone

Concen: 209.880 ug/l

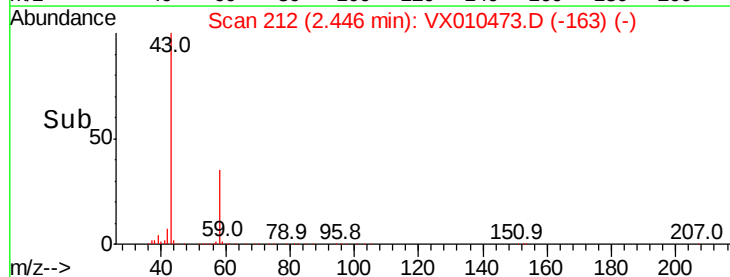
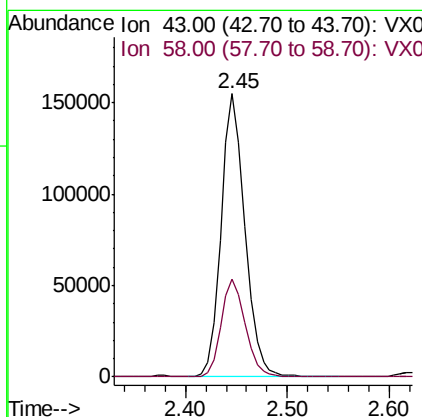
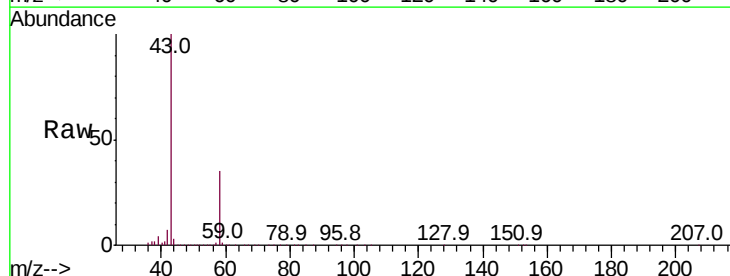
RT: 2.45 min Scan# 212

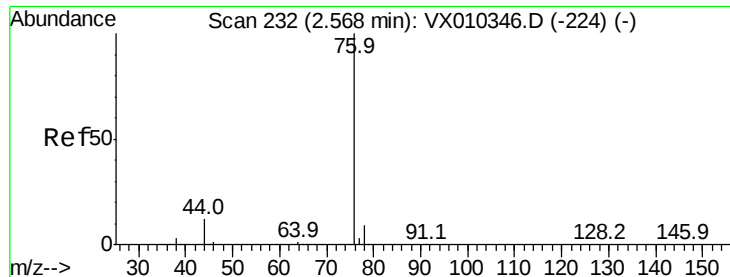
Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Tgt Ion:	43	Resp:	249926
Ion Ratio	Lower	Upper	
43	100		
58	34.7	28.9	43.3





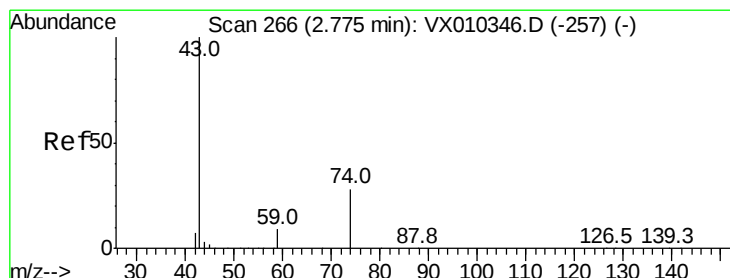
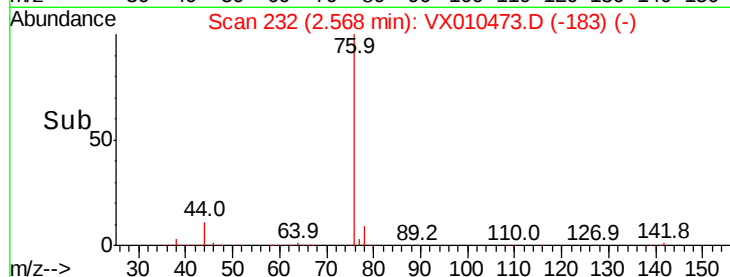
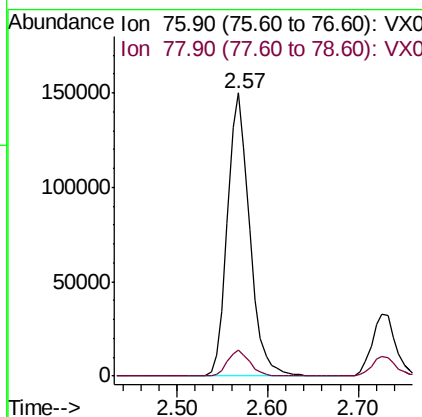
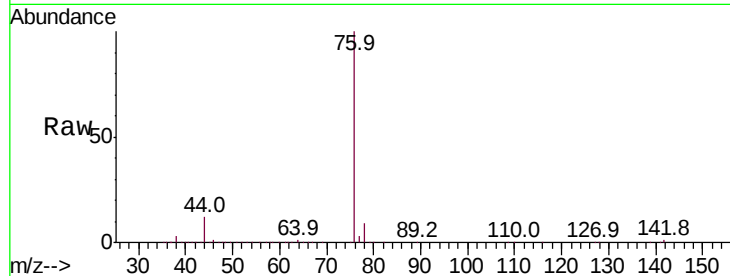
#17
Carbon Disulfide
Concen: 43.290 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Instrument :
MSVOA_X
ClientSampleId :
CPA-GMW-5S-R-M24W1-061919MS

Tot Ion	Ratio	Resp	Lower	Upper
76	100	255112		
78	9.2		7.3	10.9

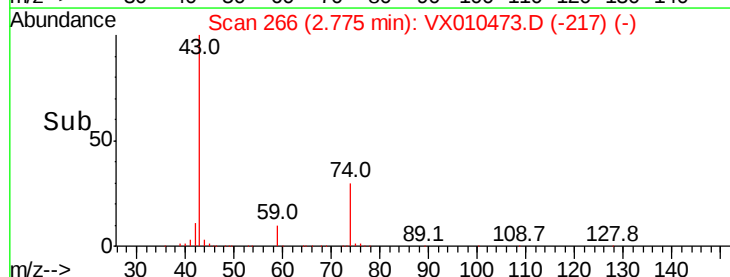
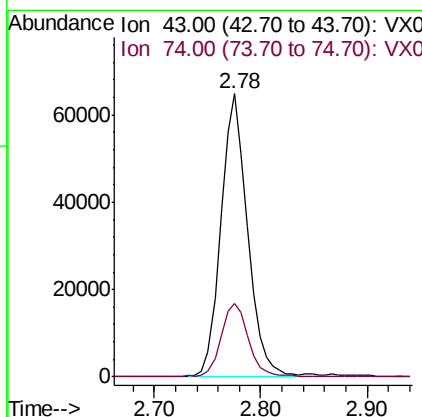
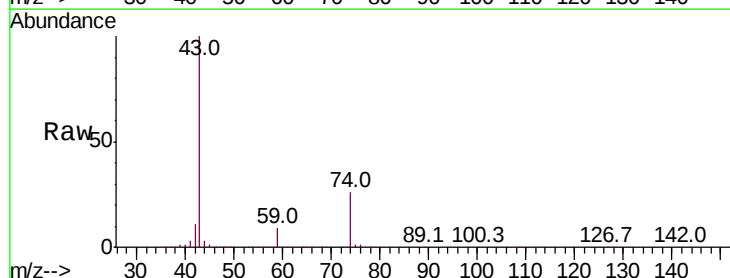
Manual Integrations
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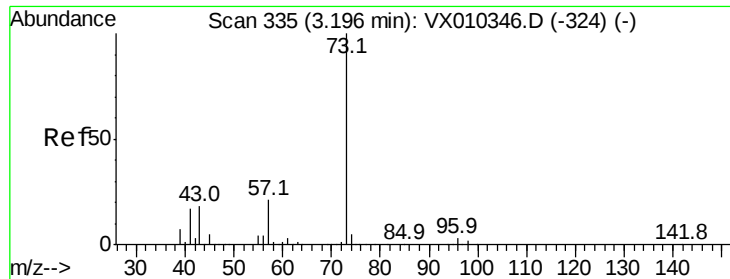
MMDadoda
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#18
Methyl Acetate
Concen: 48.211 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	114421		
74	27.2		21.3	31.9





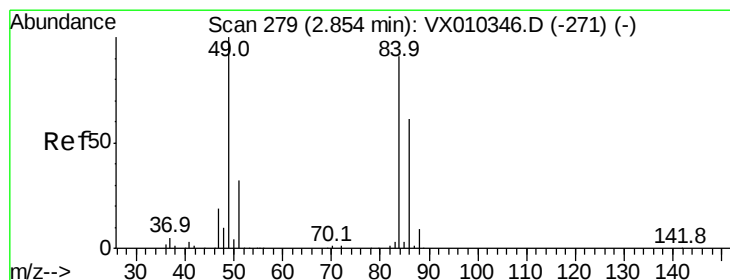
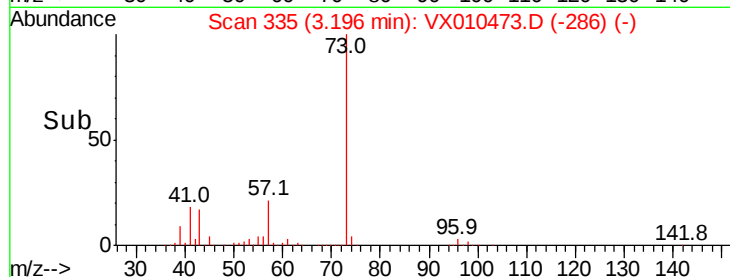
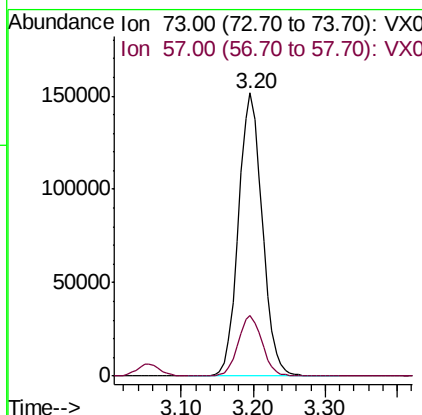
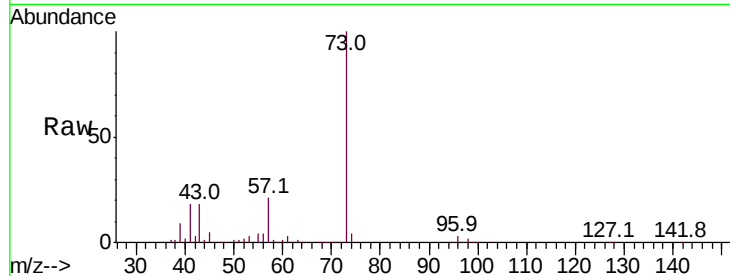
#19
Methvl tert-butvl Ether
Concen: 50.335 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Instrument :
MSVOA_X
ClientSampleId :
CPA-GMW-5S-R-M24W1-061919MS

Tot Ion: 73 Resp: 347829
Ion Ratio Lower Upper
73 100
57 21.4 16.4 24.6

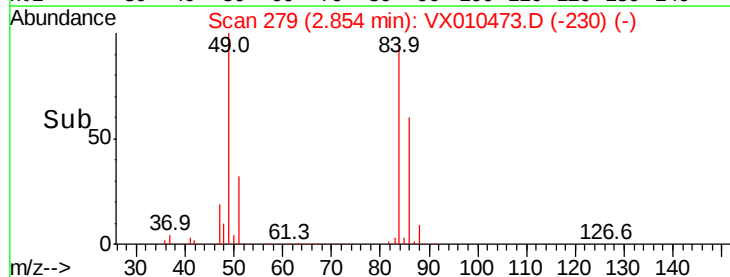
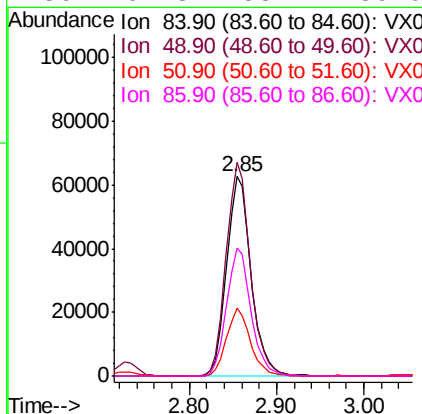
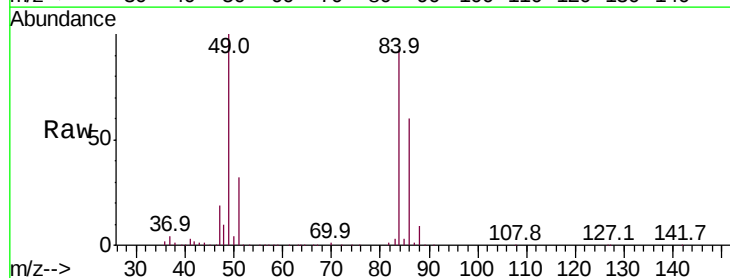
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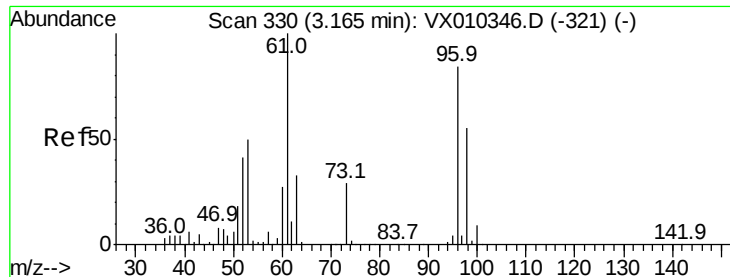
MMDadoda
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#20
Methylene Chloride
Concen: 49.517 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Tgt Ion: 84 Resp: 121348
Ion Ratio Lower Upper
84 100
49 106.8 87.5 131.3
51 33.7 27.7 41.5
86 64.3 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 47.488 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

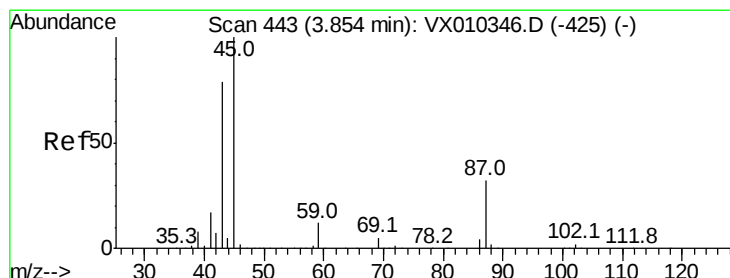
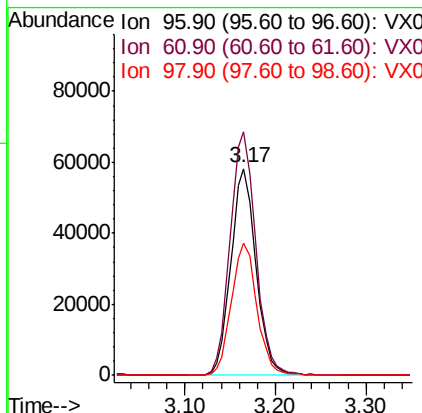
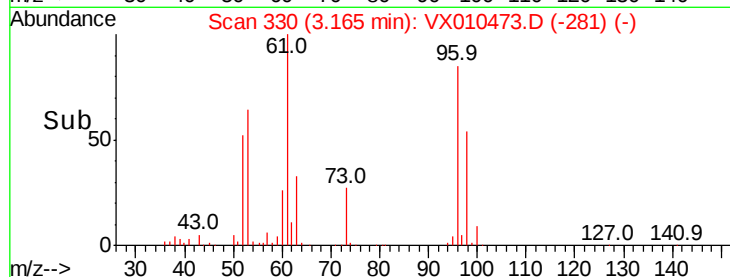
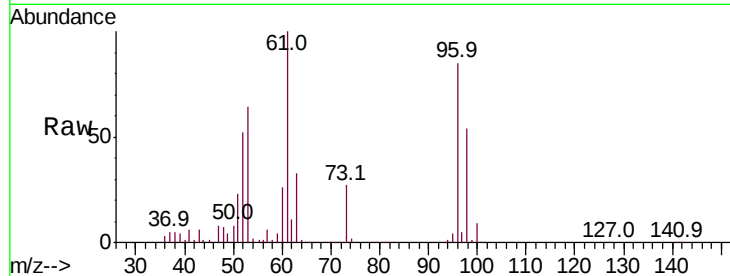
ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion:	96	Resp:	112187
Ion	Ratio	Lower	Upper
96	100		
61	117.5	95.6	143.4
98	64.1	52.5	78.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.505 ug/l

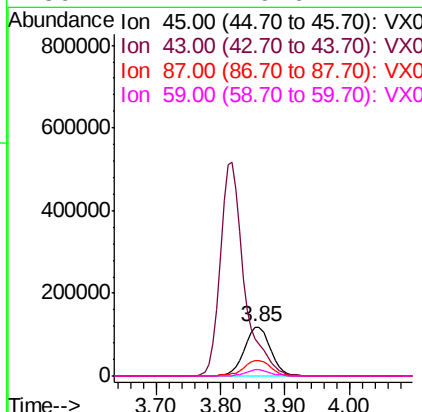
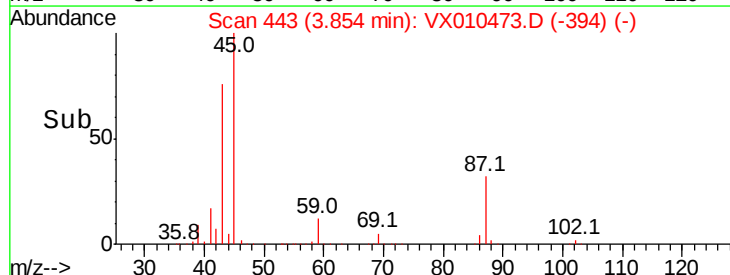
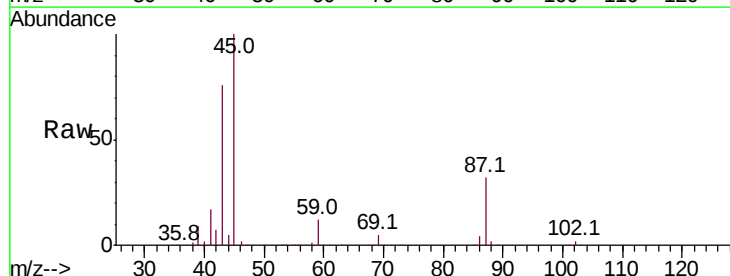
RT: 3.85 min Scan# 443

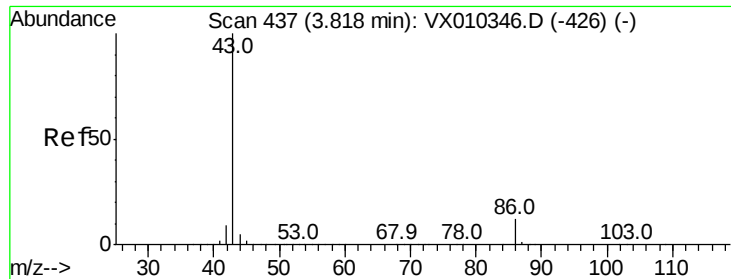
Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Tgt Ion:	45	Resp:	329298
Ion	Ratio	Lower	Upper
45	100		
43	75.6	63.3	94.9
87	32.1	25.8	38.8
59	12.2	9.6	14.4





#23

Vinyl Acetate

Concen: 239.054 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion: 43 Resp: 1346513

Ion Ratio Lower Upper

43 100

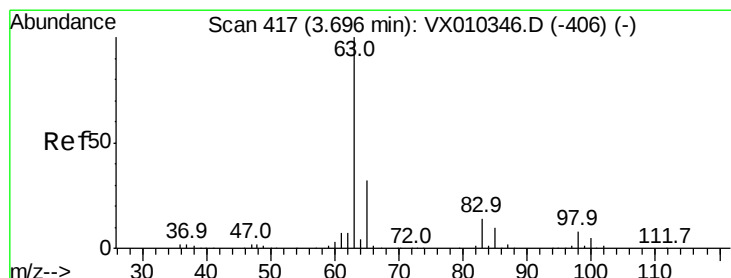
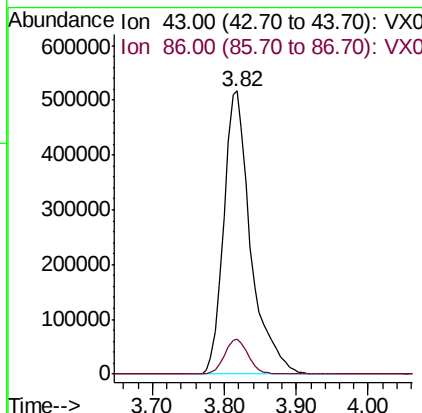
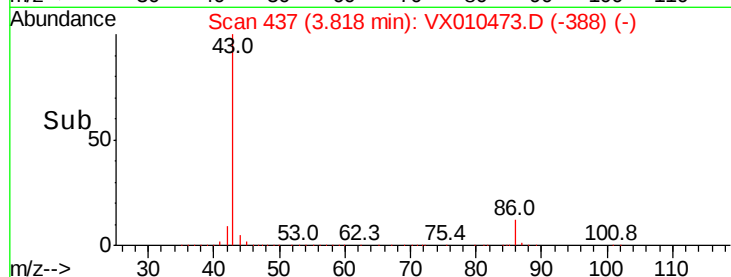
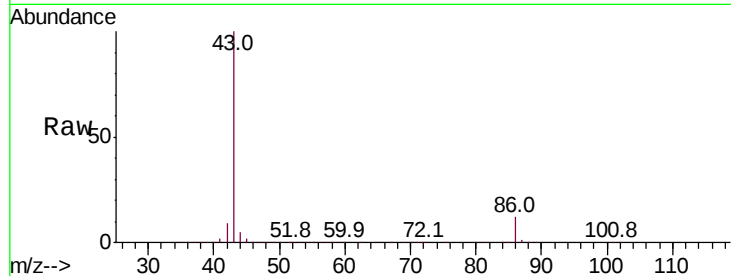
86 12.4 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.690 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

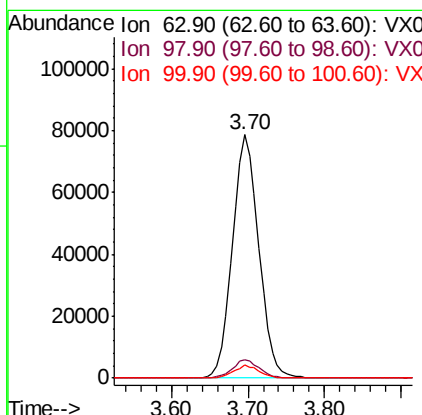
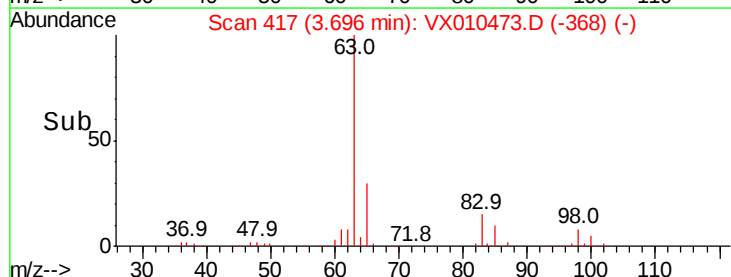
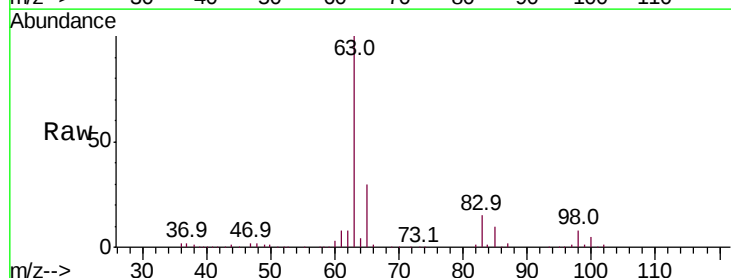
Tgt Ion: 63 Resp: 187276

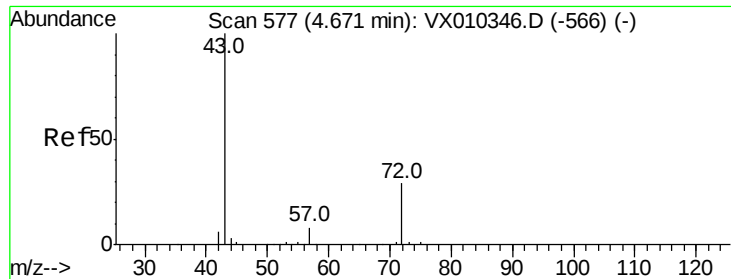
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 5.3 2.4 7.1





#25

2-Butanone

Concen: 246.905 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion: 43 Resp: 431284

Ion Ratio Lower Upper

43 100

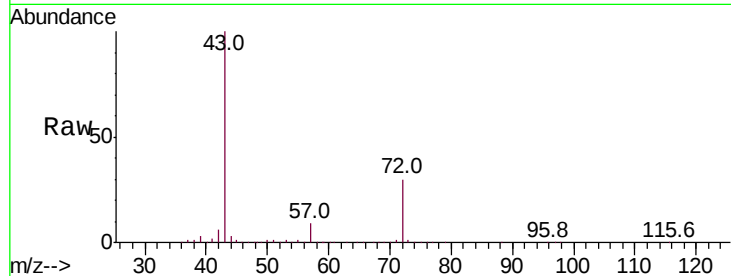
72 29.9 23.3 34.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

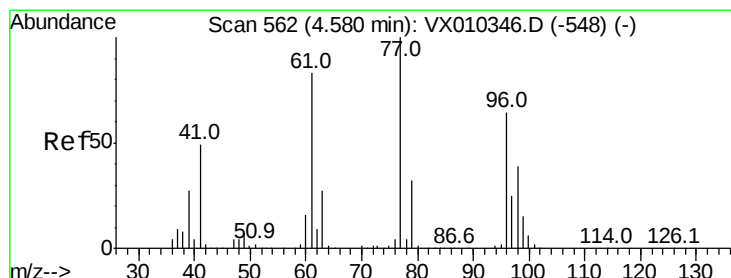
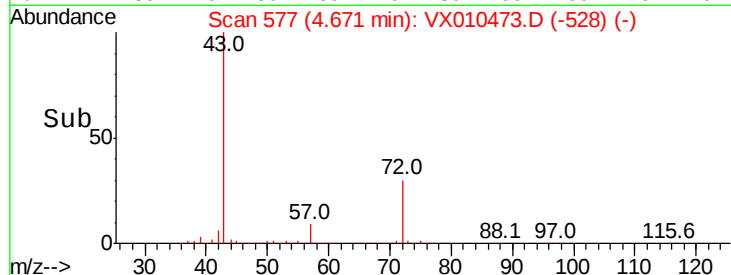
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 43.286 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010473.D

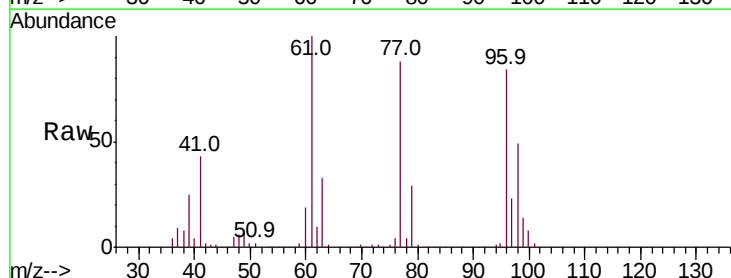
Acq: 26 Jun 2019 19:16

Tgt Ion: 77 Resp: 141718

Ion Ratio Lower Upper

77 100

97 26.1 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

50000

40000

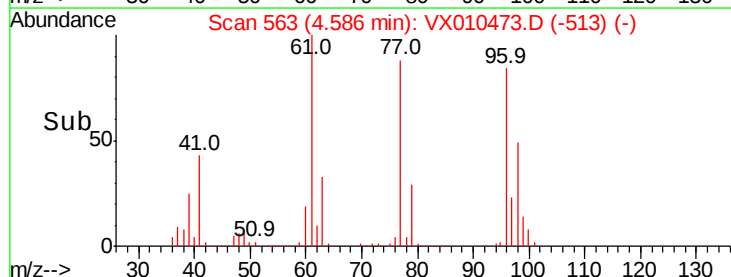
30000

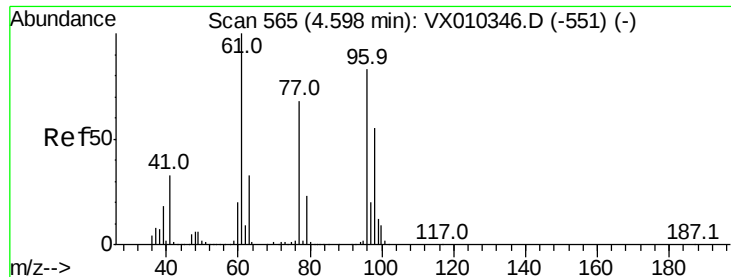
20000

10000

0

Time-->





#27

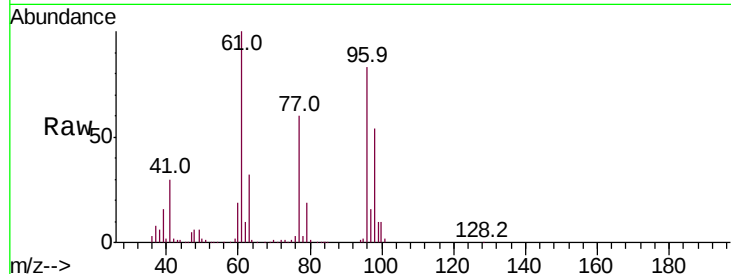
cis-1,2-Dichloroethene
Concen: 49.892 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Instrument :
MSVOA_X
ClientSampleId :
CPA-GMW-5S-R-M24W1-061919MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	136206		
61	123.3	0.0	251.8	
98	63.8	0.0	129.4	

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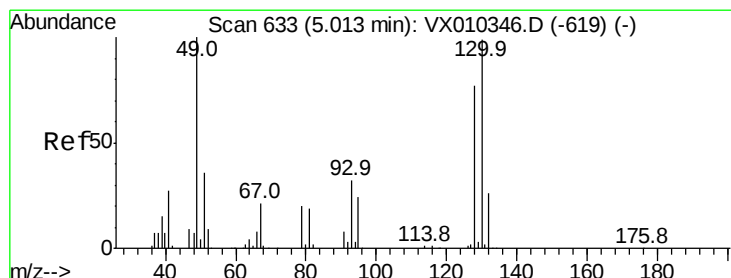
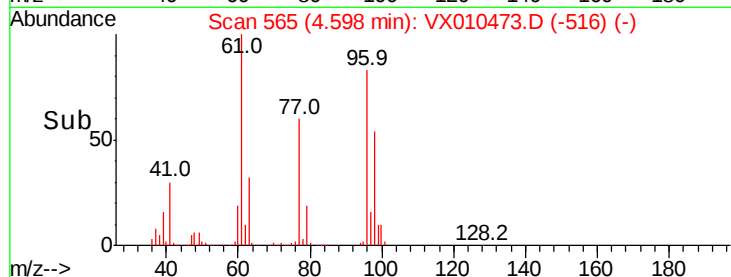
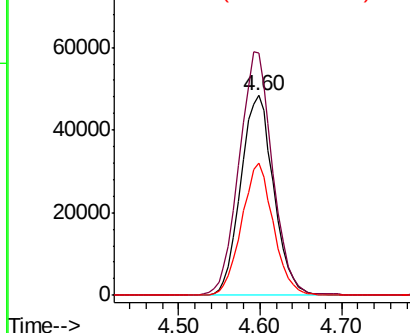


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

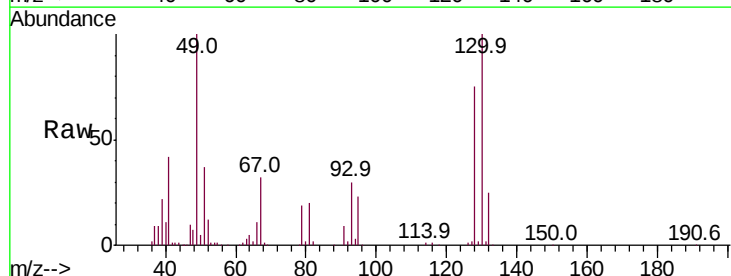
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 50.514 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	91024		
129	2.8	0.0	5.6	
130	100.0	81.4	122.0	

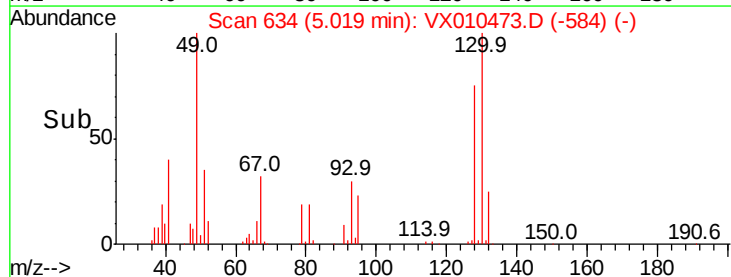
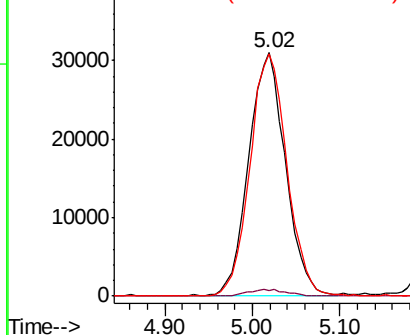


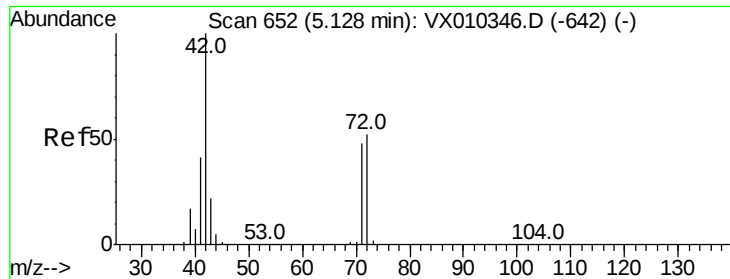
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 256.954 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion: 42 Resp: 278013

Ion Ratio Lower Upper

42 100

72 51.2 40.6 60.8

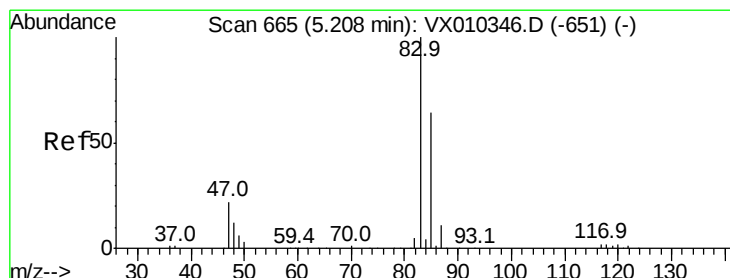
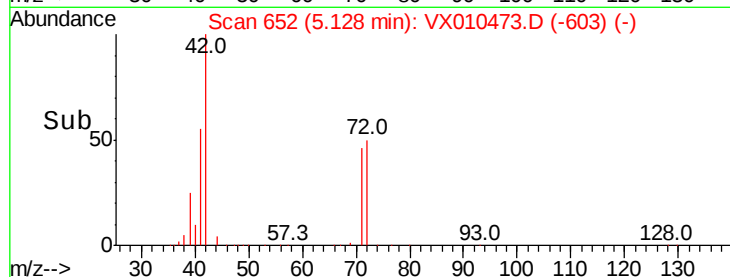
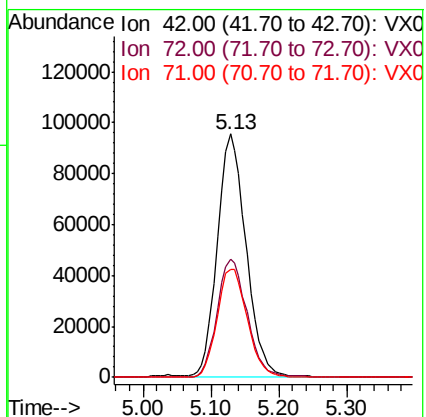
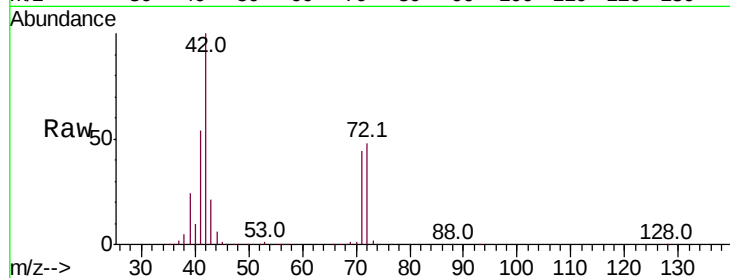
71 47.1 37.8 56.8

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#30

Chloroform

Concen: 50.381 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010473.D

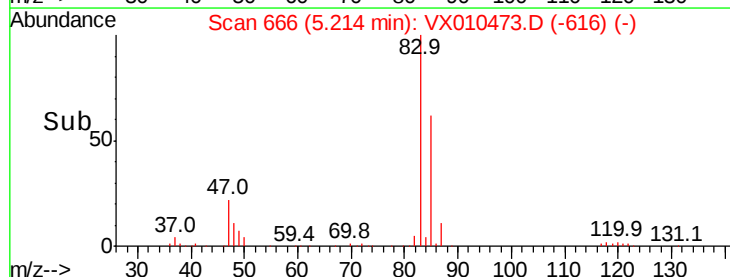
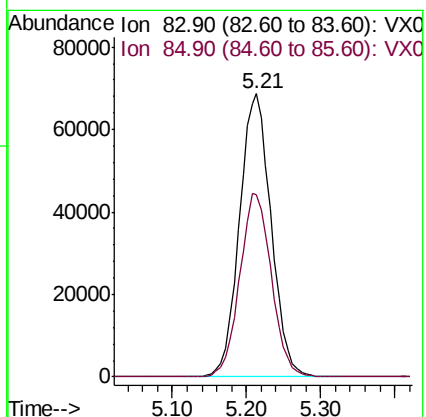
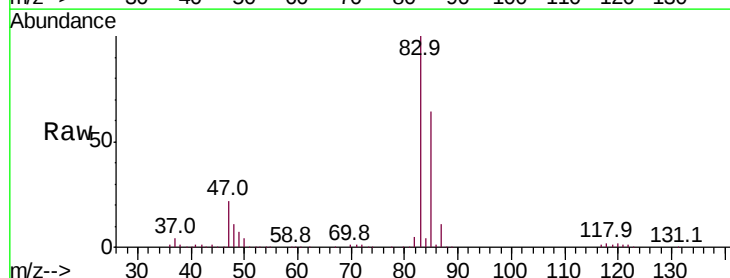
Acq: 26 Jun 2019 19:16

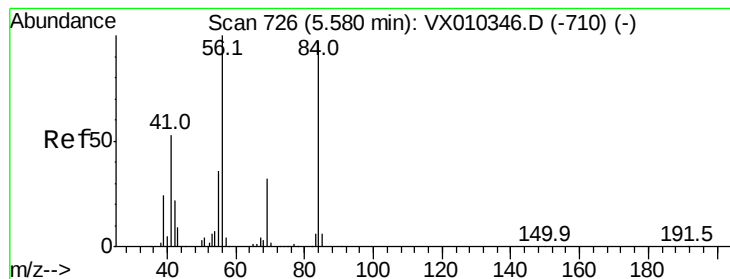
Tgt Ion: 83 Resp: 204300

Ion Ratio Lower Upper

83 100

85 64.5 50.9 76.3





#31

Cyclohexane

Concen: 47.737 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion: 56 Resp: 163838

Ion Ratio Lower Upper

56 100

69 33.1 25.9 38.9

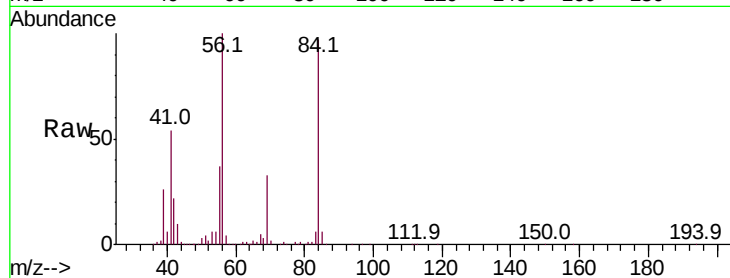
84 95.5 78.0 117.0

Manual Integrations

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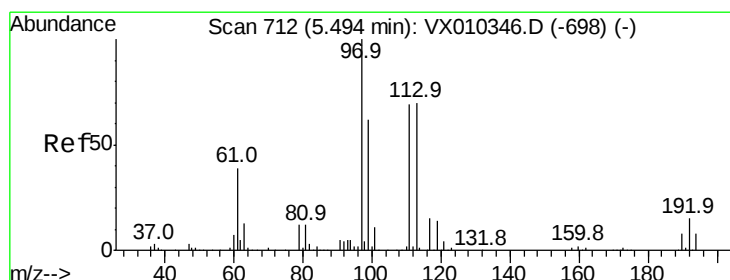
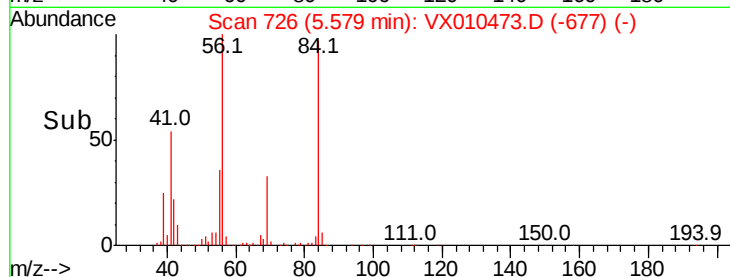
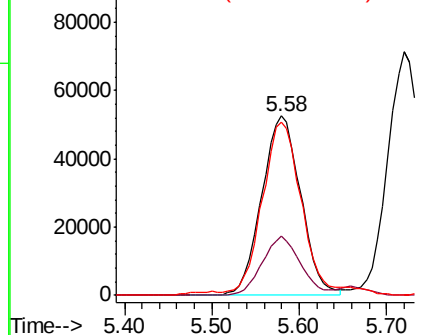
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.410 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

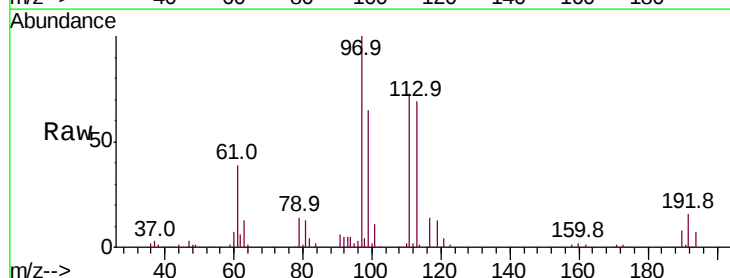
Tgt Ion: 97 Resp: 180498

Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.8

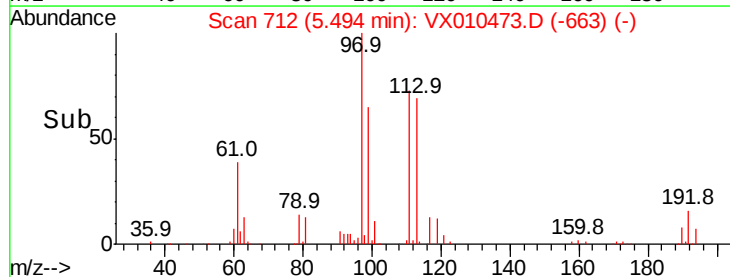
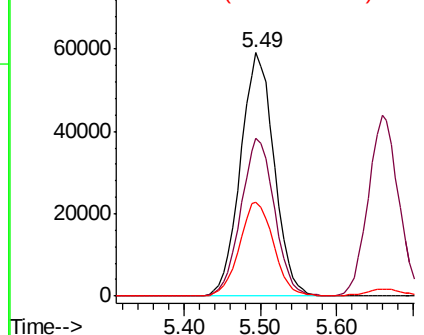
61 39.0 32.1 48.1

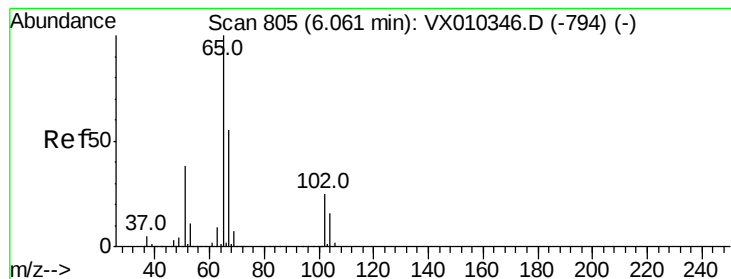


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.803 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion: 65 Resp: 125463

Ion Ratio Lower Upper

65 100

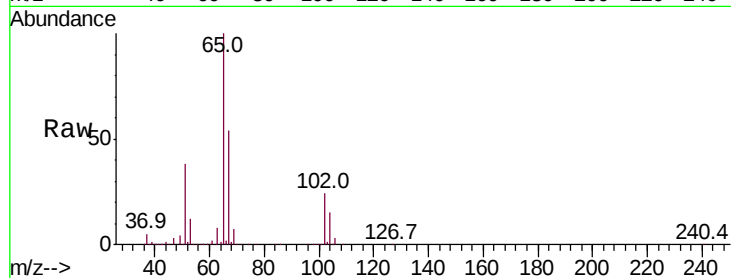
67 55.0 0.0 110.2

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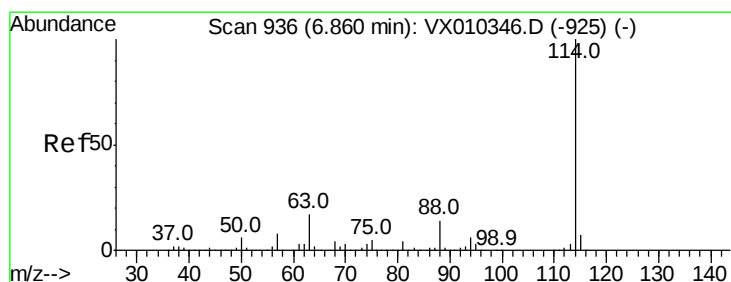
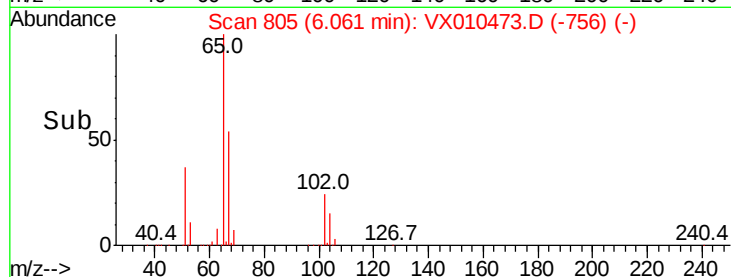
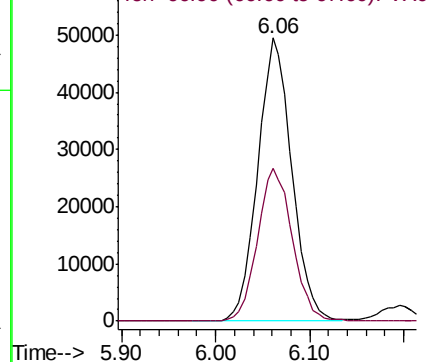
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

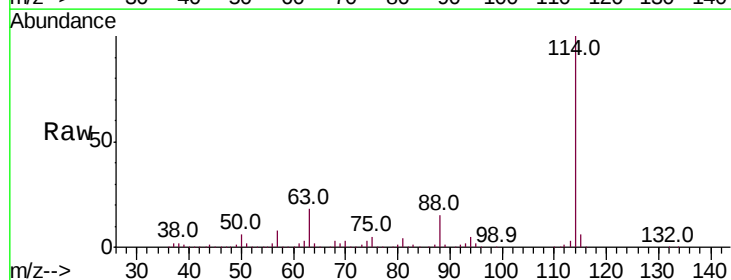
Tgt Ion: 114 Resp: 379482

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.8

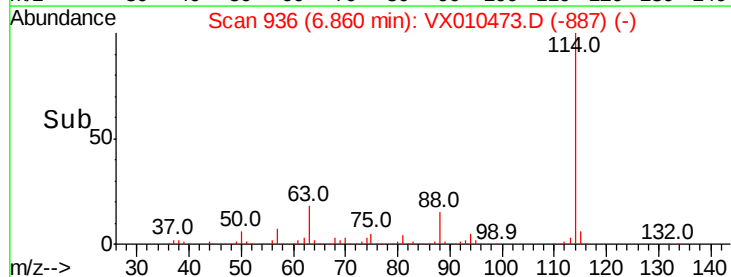
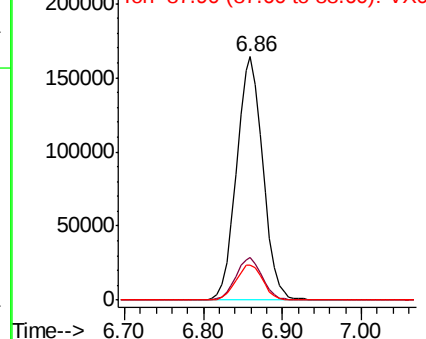
88 14.5 0.0 27.6

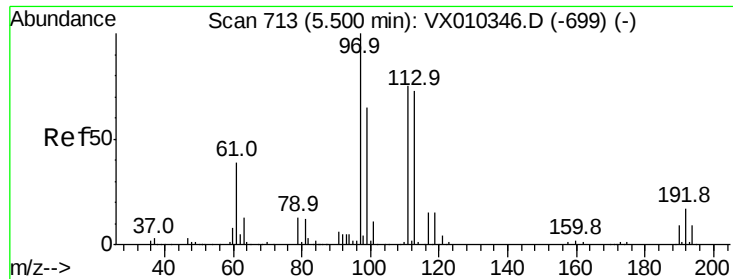


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





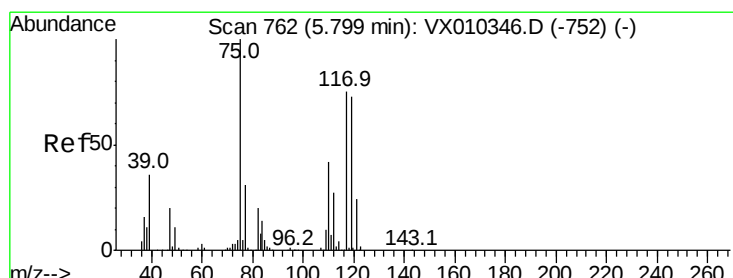
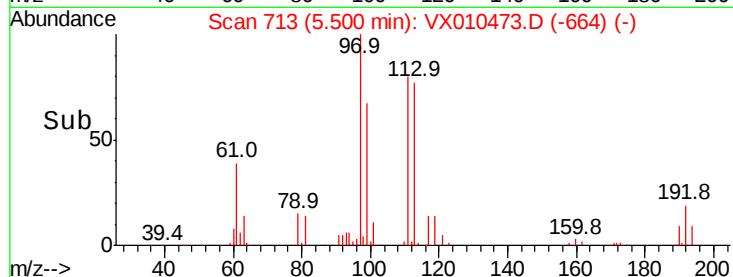
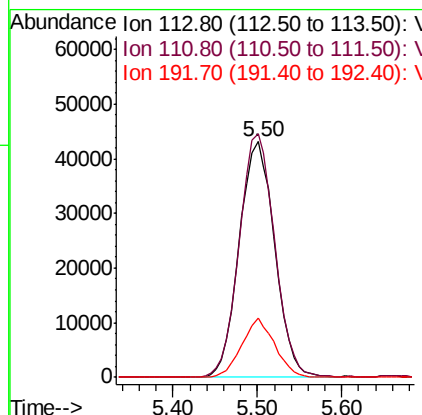
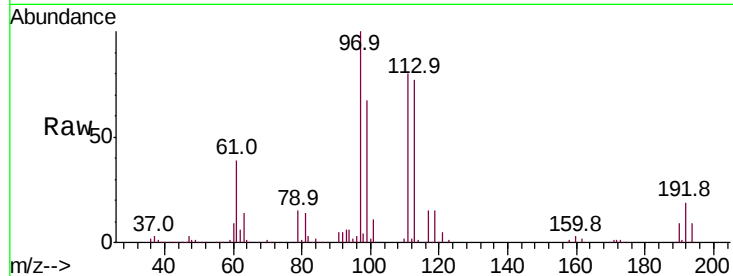
#35
Dibromofluoromethane
Concen: 53.161 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Instrument :
MSVOA_X
ClientSampleId :
CPA-GMW-5S-R-M24W1-061919MS

Tot Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	102.8	81.2	121.8
192	23.4	18.6	27.8

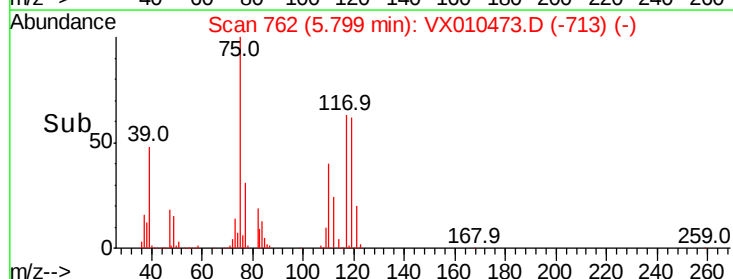
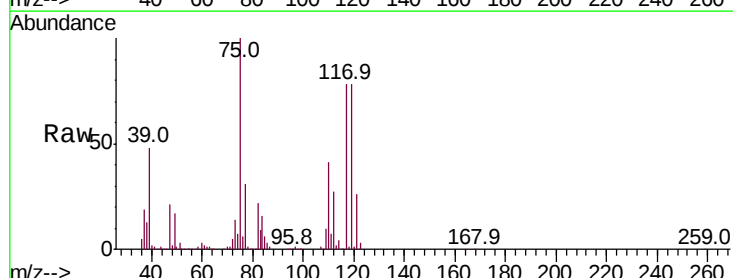
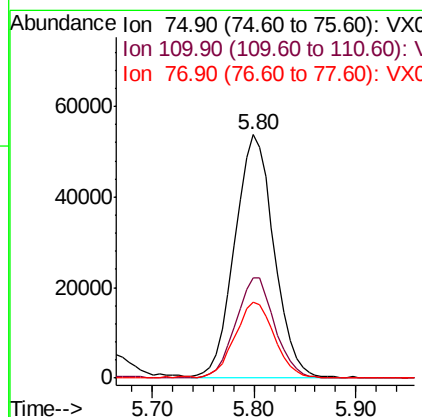
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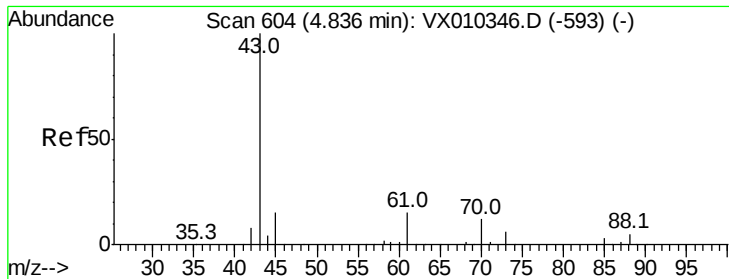
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#36
1,1-Dichloropropene
Concen: 47.549 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
75	100		
110	41.1	20.8	62.2
77	32.0	25.4	38.0





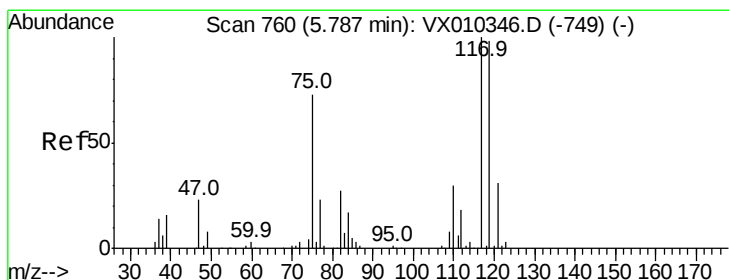
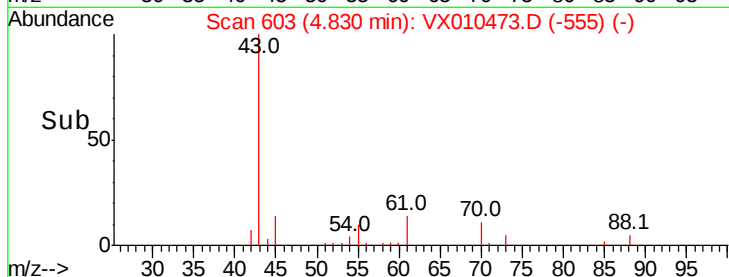
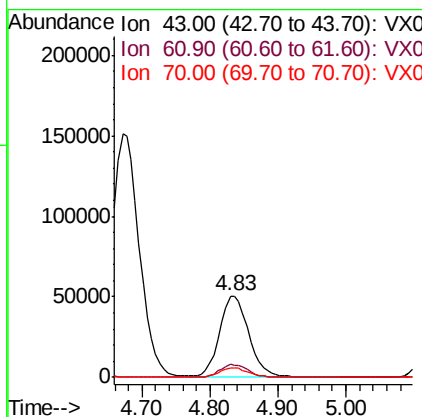
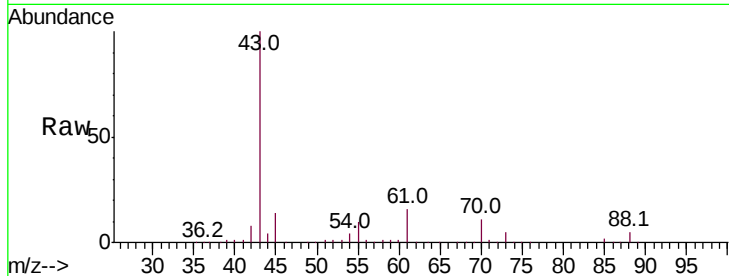
#37
Ethyl Acetate
Concen: 48.474 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Instrument :
MSVOA_X
ClientSampleId :
CPA-GMW-5S-R-M24W1-061919MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.4	18.6
70	12.0	9.8	14.8

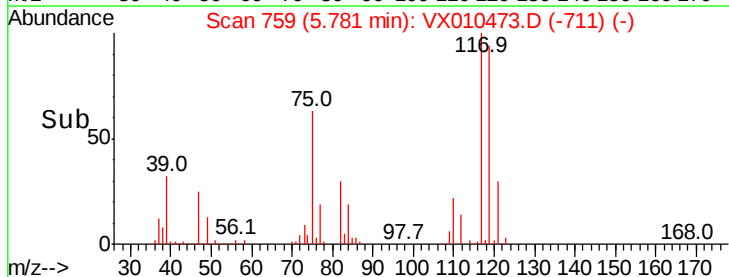
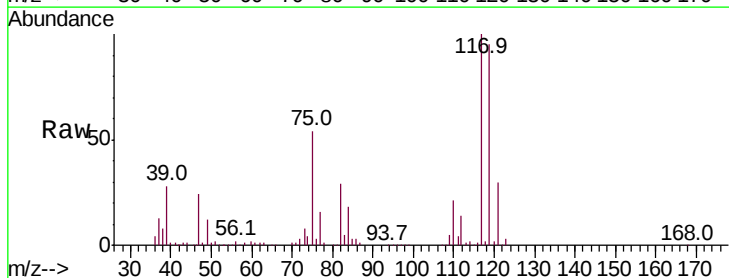
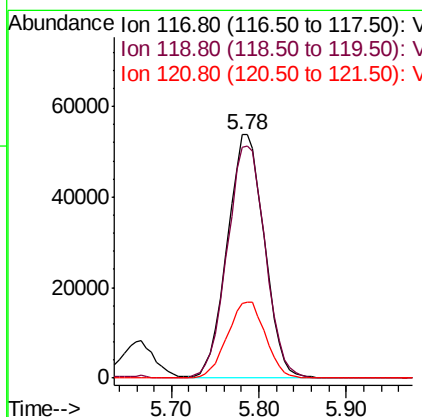
Manual Integrations
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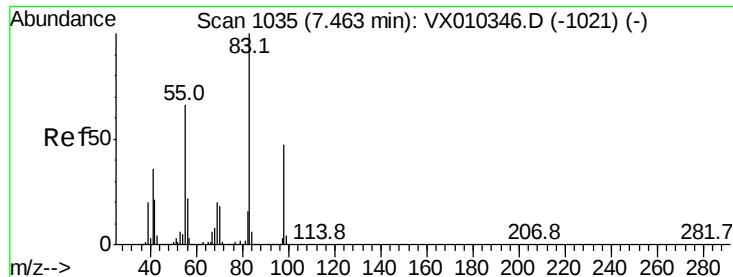
MMDadoda
6/27/2019 10:11:48 AM



#38
Carbon Tetrachloride
Concen: 48.693 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	78.2	117.4
121	30.4	24.7	37.1





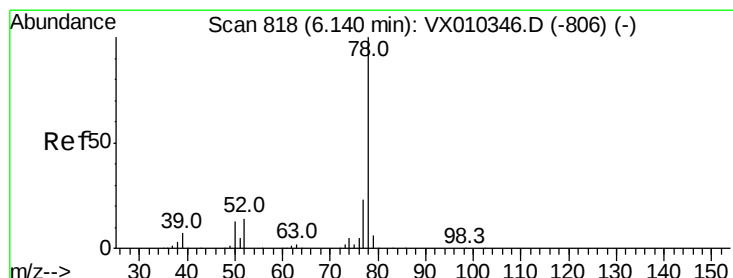
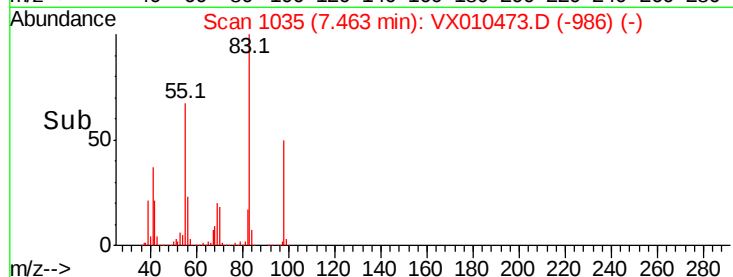
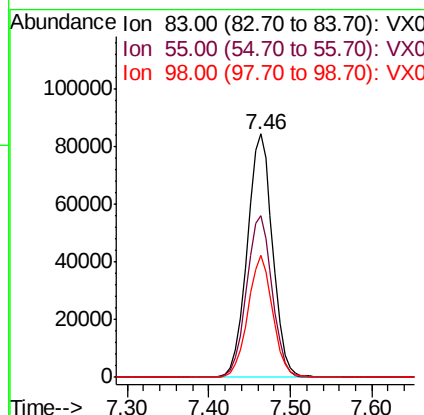
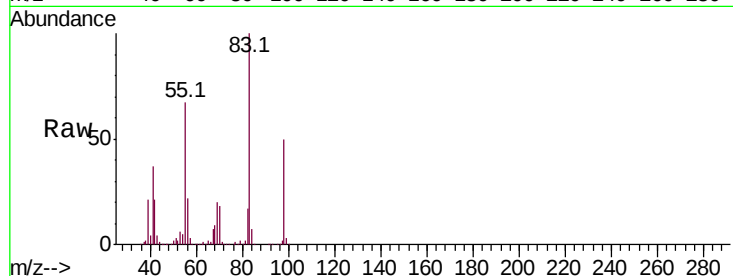
#39
Methvlcvclohexane
Concen: 45.939 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Instrument :
MSVOA_X
ClientSampleId :
CPA-GMW-5S-R-M24W1-061919MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	182097		
55	66.4	53.0	79.6	
98	49.9	37.8	56.8	

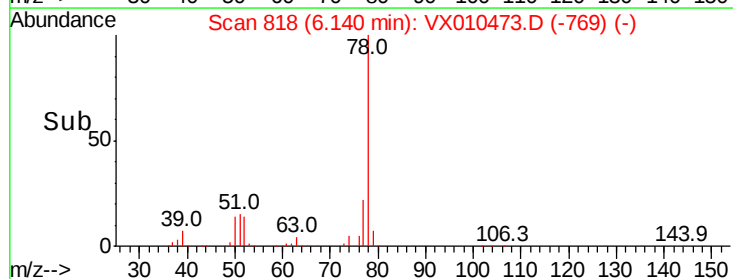
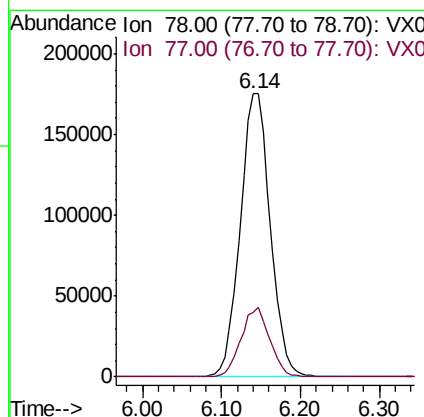
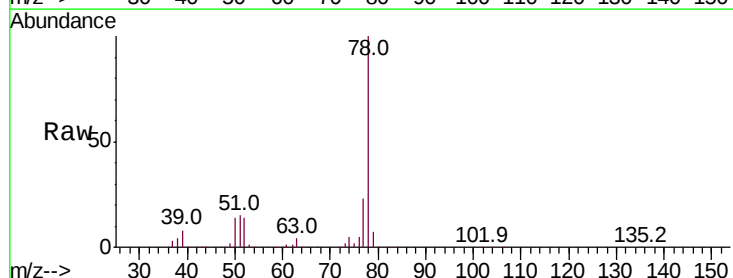
Manual Integrations
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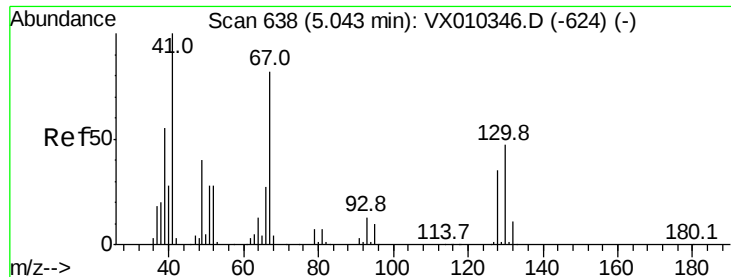
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#40
Benzene
Concen: 49.368 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	463813		
77	22.9	18.6	28.0	





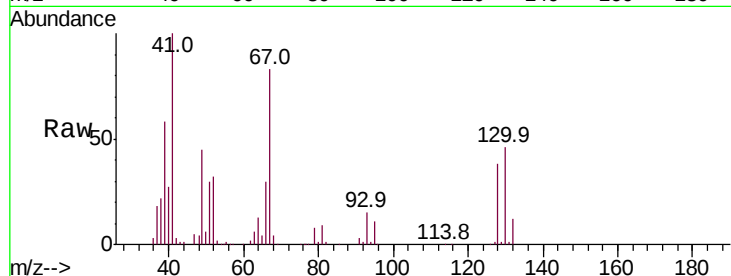
#41
Methacrylonitrile
Concen: 51.095 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Instrument :
MSVOA_X
ClientSampleId :
CPA-GMW-5S-R-M24W1-061919MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.8	43.8	65.8	
67	83.1	66.6	100.0	
52	32.2	24.5	36.7	

Manual Integrations
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MMDadoda
6/27/2019 10:11:48 AM



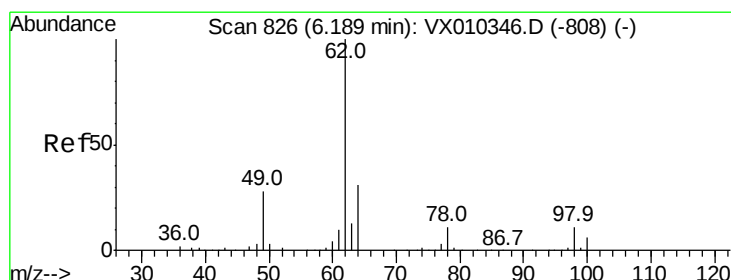
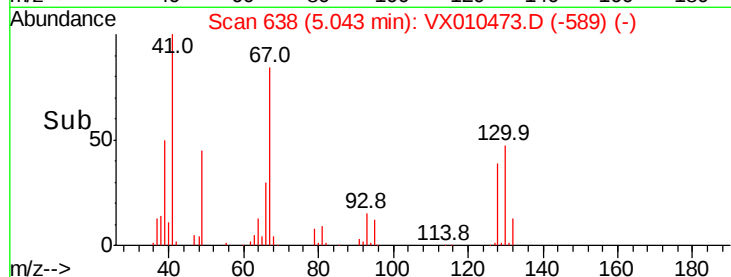
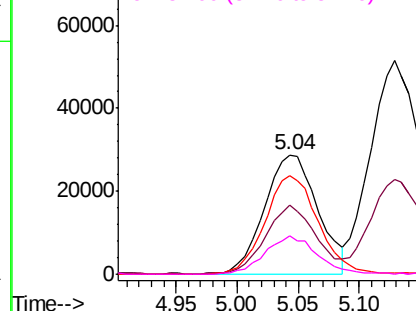
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

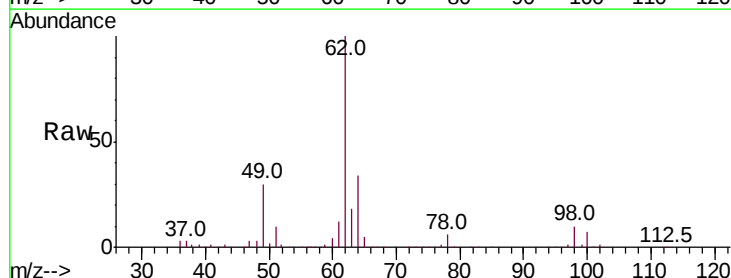
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 51.668 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

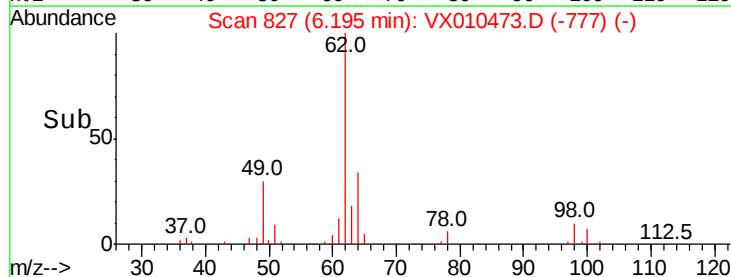
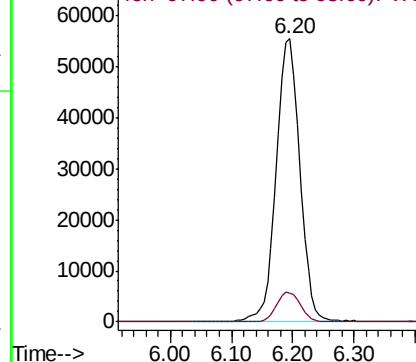
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.7	0.0	22.2	

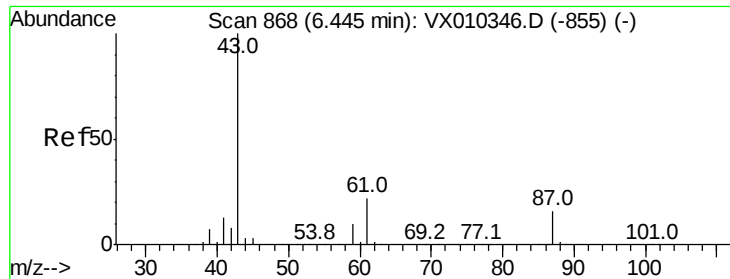


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

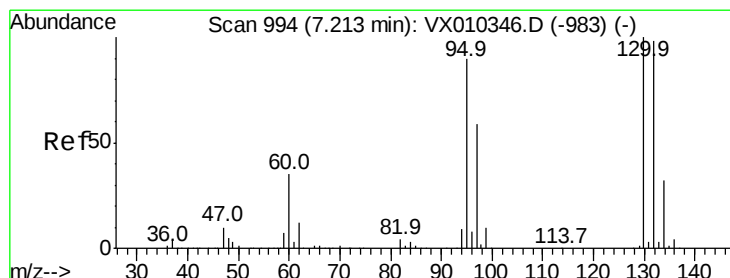
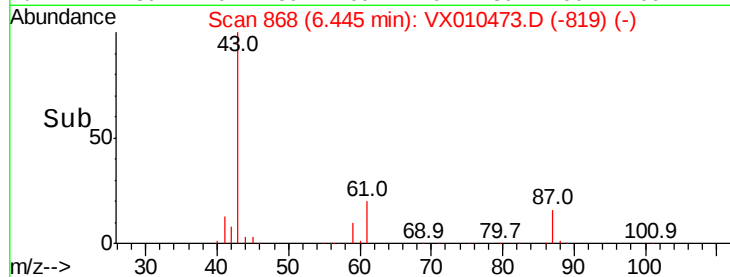
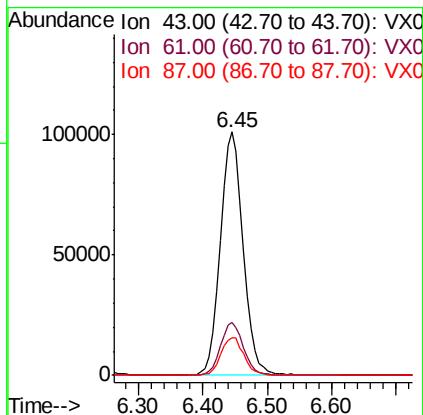
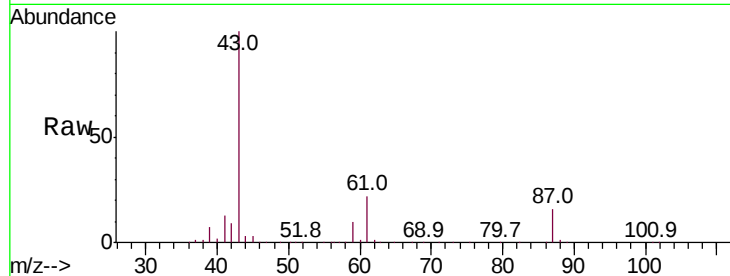
Isopropyl Acetate
 Concen: 48.919 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010473.D
 Acq: 26 Jun 2019 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-GMW-5S-R-M24W1-061919MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.0	17.8	26.6
87	15.7	13.0	19.4

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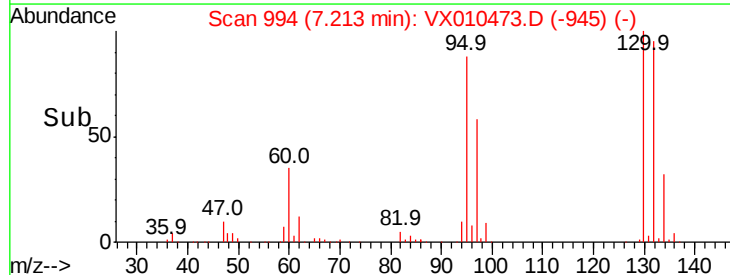
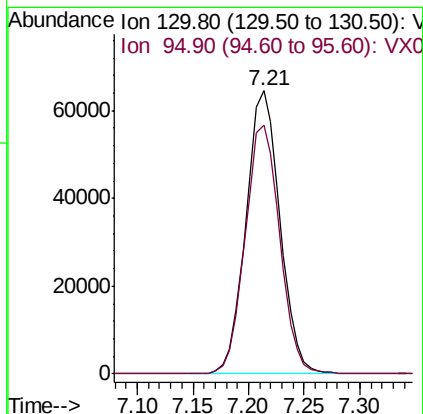
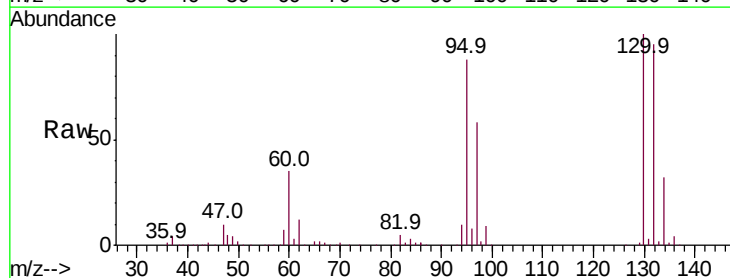
MMDadoda
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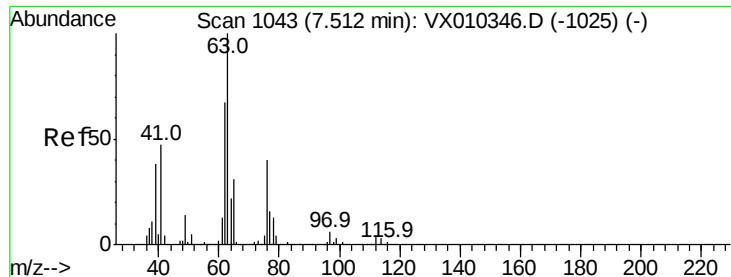


#44

Trichloroethene
 Concen: 48.891 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010473.D
 Acq: 26 Jun 2019 19:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.1	0.0	180.8





#45

1,2-Dichloropropane

Concen: 49.012 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion: 63 Resp: 116281

Ion Ratio Lower Upper

63 100

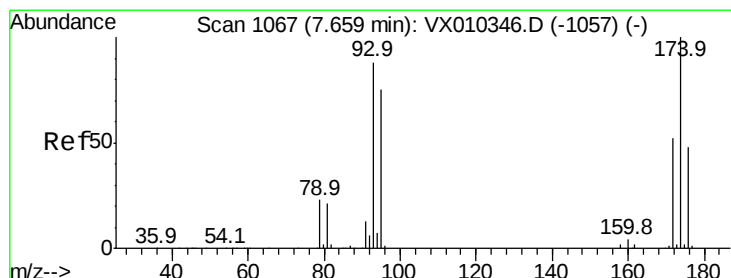
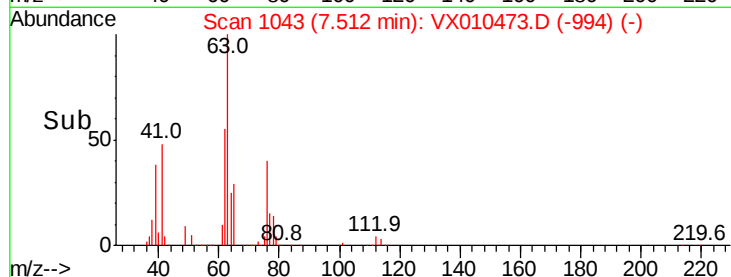
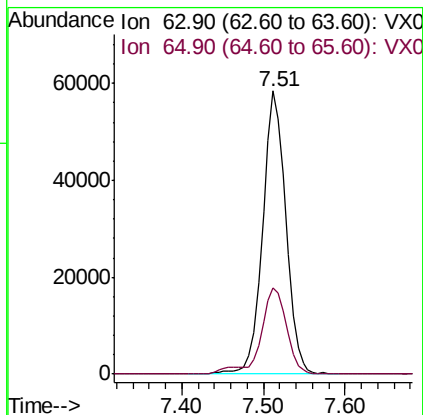
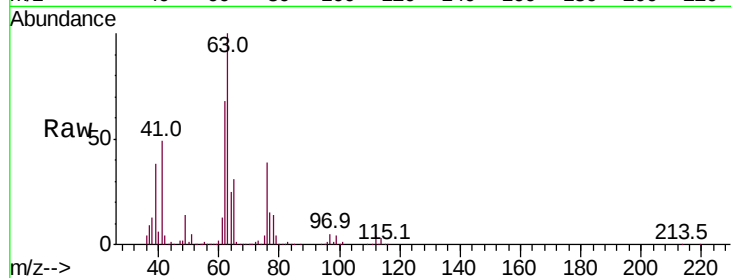
65 30.6 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 50.198 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

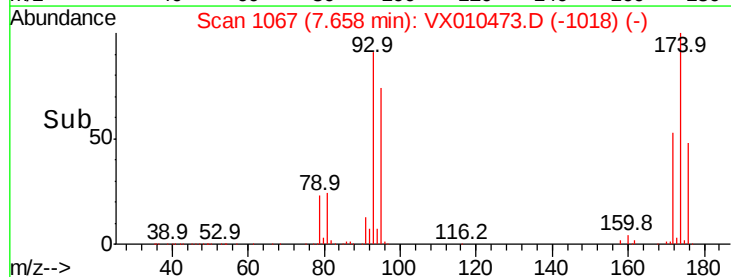
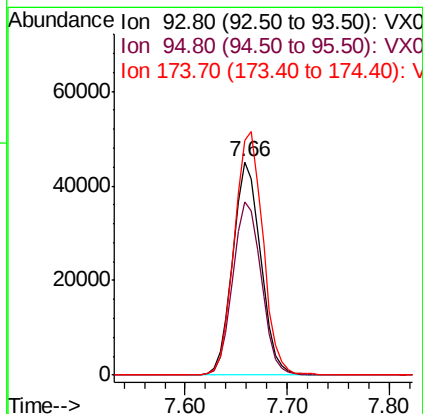
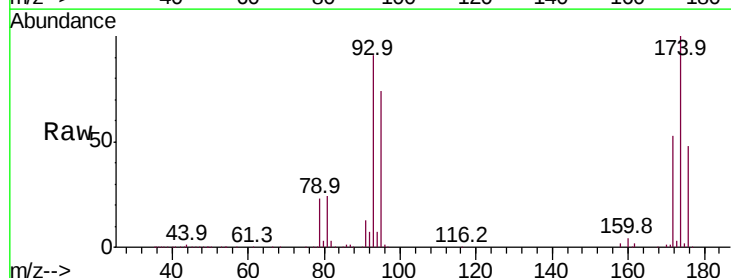
Tgt Ion: 93 Resp: 85447

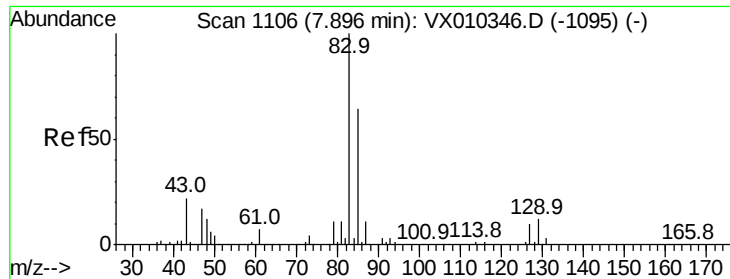
Ion Ratio Lower Upper

93 100

95 83.2 67.5 101.3

174 116.9 95.8 143.6





#47

Bromodichloromethane

Concen: 50.366 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

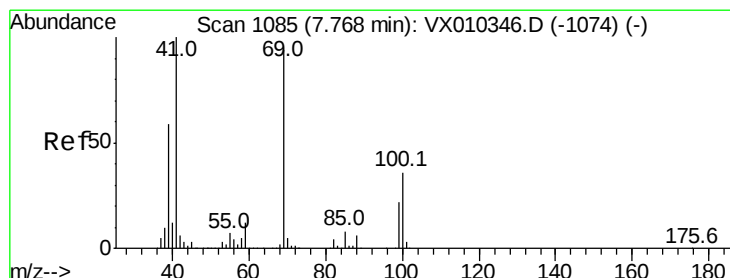
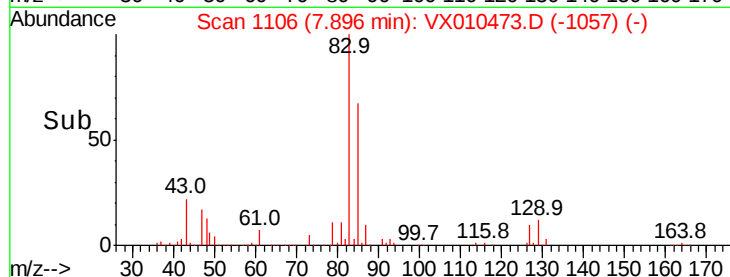
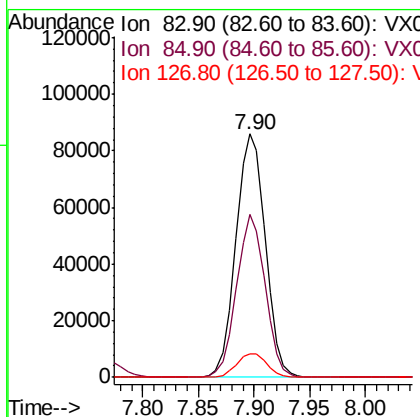
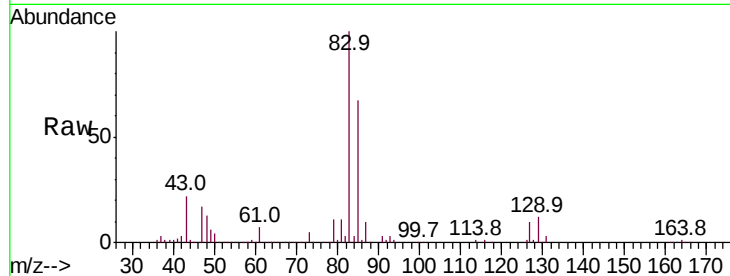
ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion:	83	Resp:	157115
Ion Ratio	Lower	Upper	
83	100		
85	67.0	51.5	77.3
127	9.6	7.8	11.8

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#48

Methyl methacrylate

Concen: 52.597 ug/l

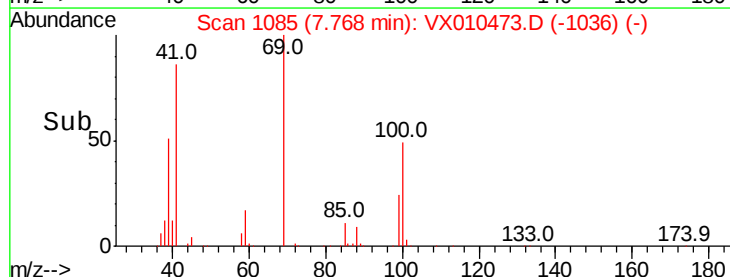
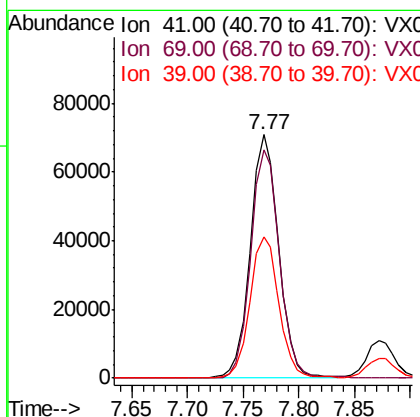
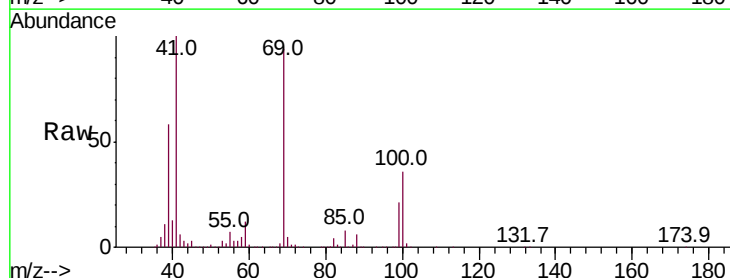
RT: 7.77 min Scan# 1085

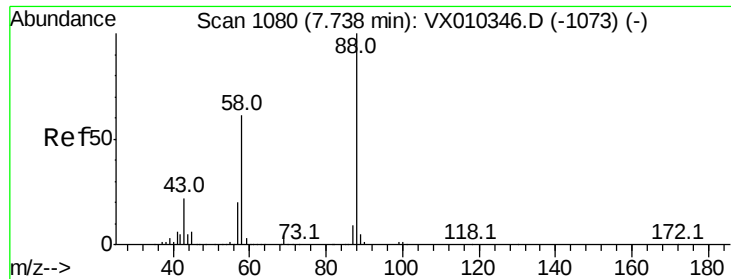
Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Tgt Ion:	41	Resp:	125483
Ion Ratio	Lower	Upper	
41	100		
69	95.5	76.1	114.1
39	59.1	47.6	71.4





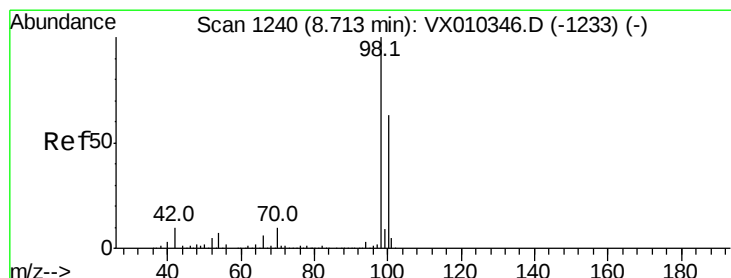
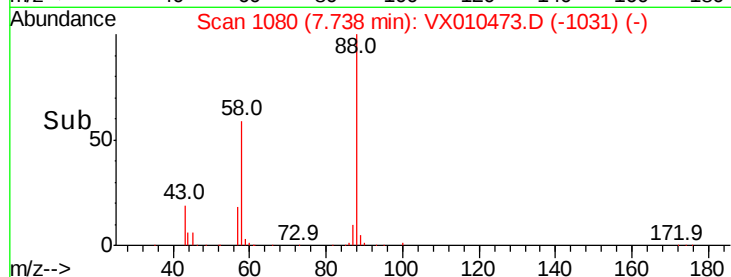
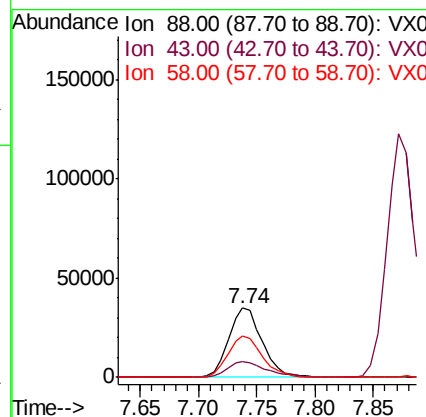
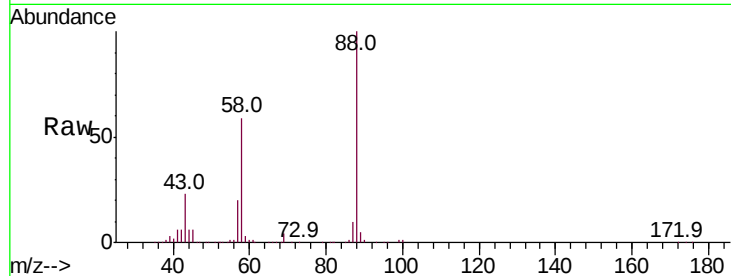
#49
1,4-Dioxane
Concen: 1003.749 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Instrument :
MSVOA_X
ClientSampleId :
CPA-GMW-5S-R-M24W1-061919MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.6	20.2	30.2
58	61.3	49.5	74.3

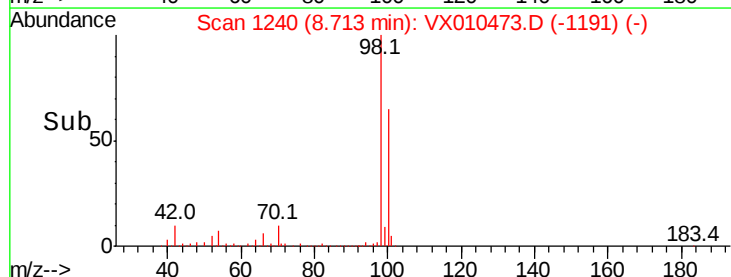
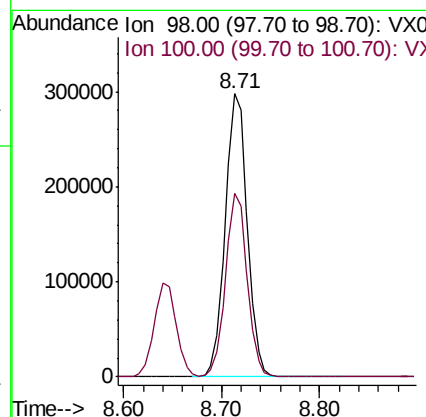
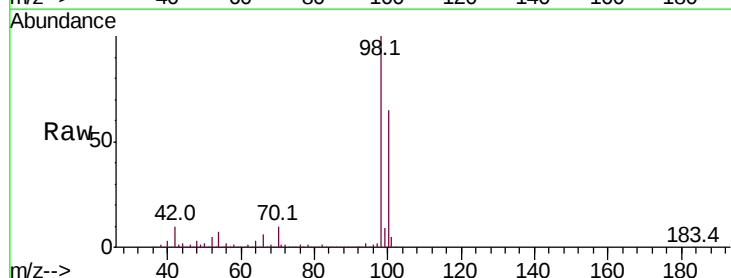
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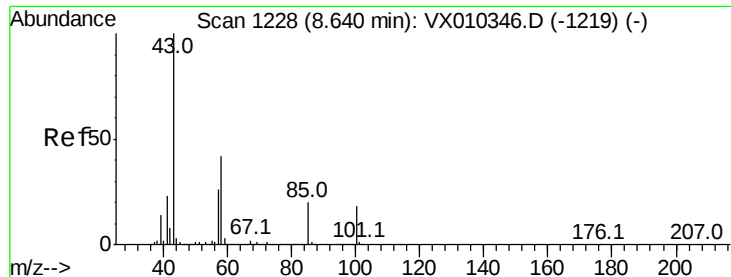
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#50
Toluene-d8
Concen: 52.260 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 262.739 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion: 43 Resp: 862488

Ion Ratio Lower Upper

43 100

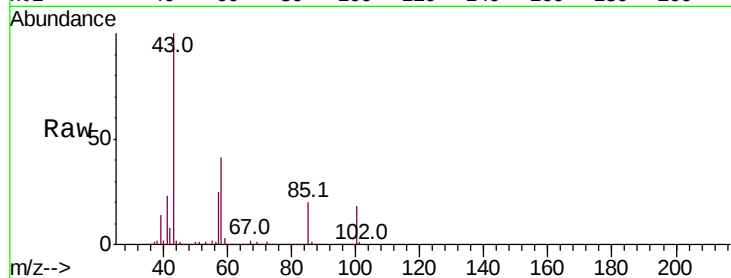
58 41.3 33.5 50.3

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

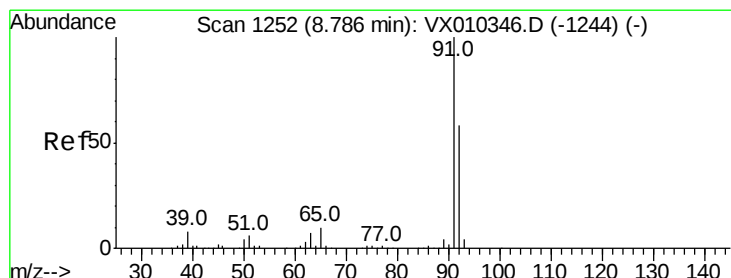
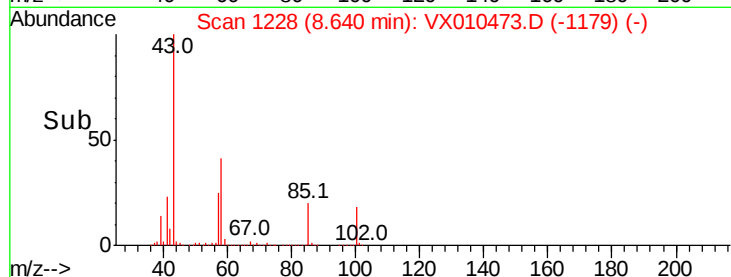
200000

100000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 49.573 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX010473.D

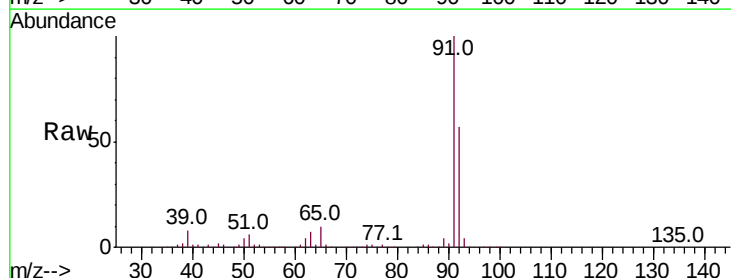
Acq: 26 Jun 2019 19:16

Tgt Ion: 92 Resp: 306706

Ion Ratio Lower Upper

92 100

91 173.9 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

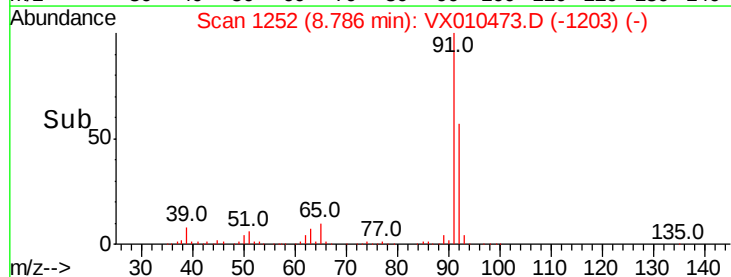
200000

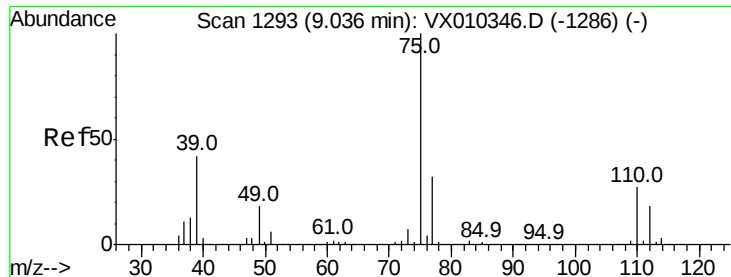
100000

0

8.70 8.75 8.80 8.85

Time-->





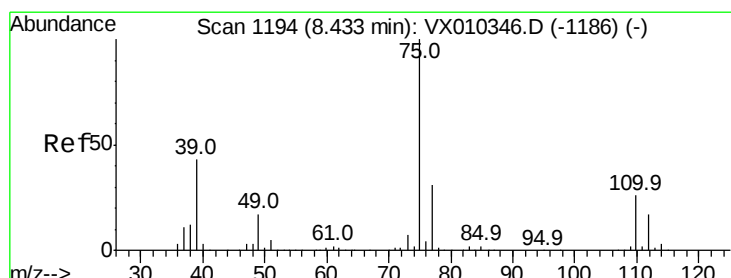
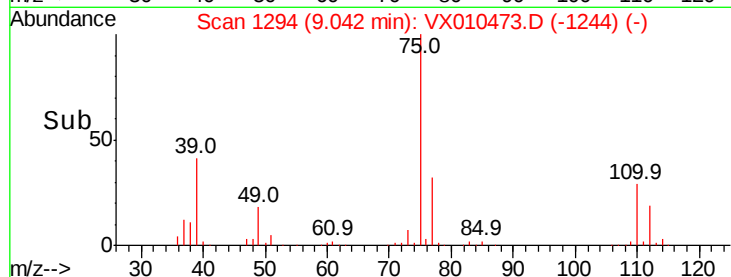
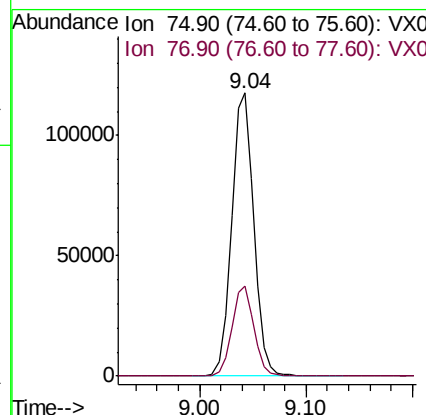
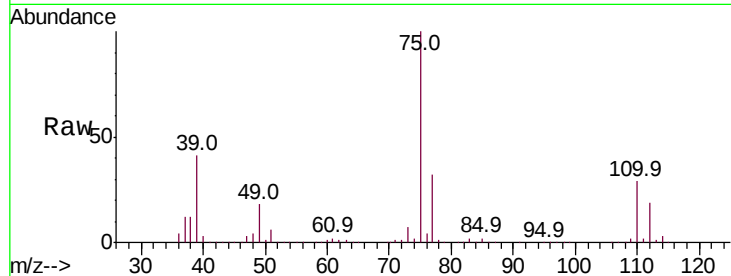
#53
t-1,3-Dichloropropene
Concen: 48.954 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Instrument :
MSVOA_X
ClientSampleId :
CPA-GMW-5S-R-M24W1-061919MS

Tot Ion: 75 Resp: 171210
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

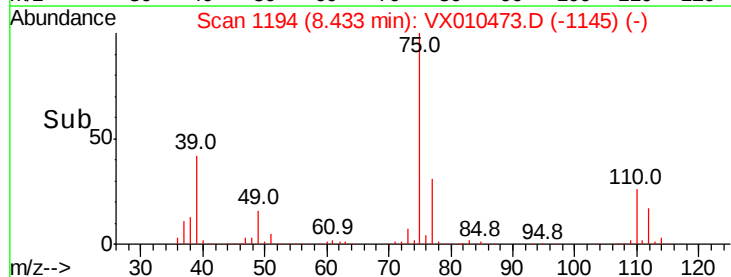
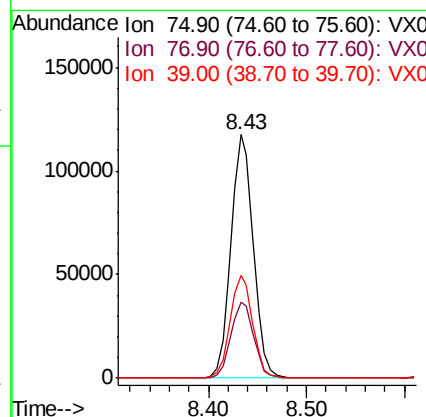
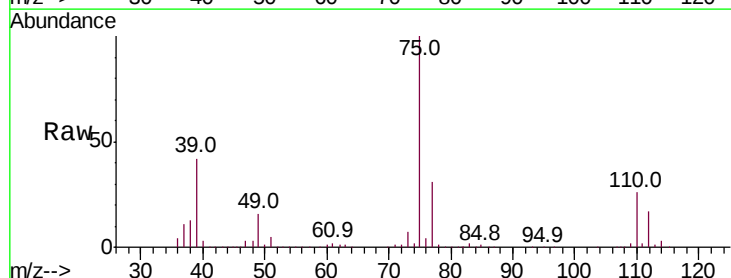
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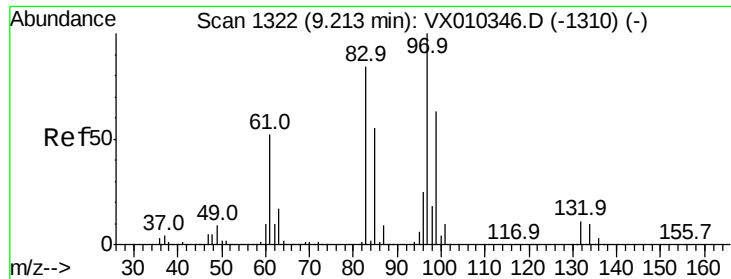
MMDadoda
6/27/2019 10:11:48 AM



#54
cis-1,3-Dichloropropene
Concen: 48.905 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Tgt Ion: 75 Resp: 185872
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8
39 42.3 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 51.170 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

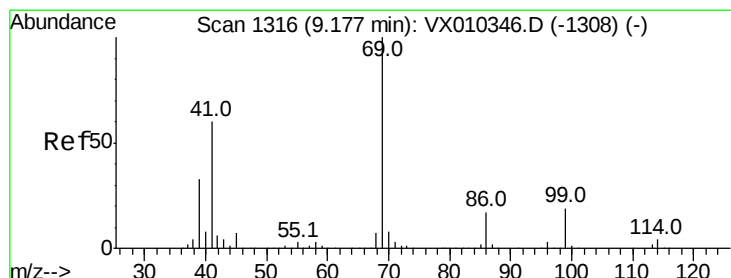
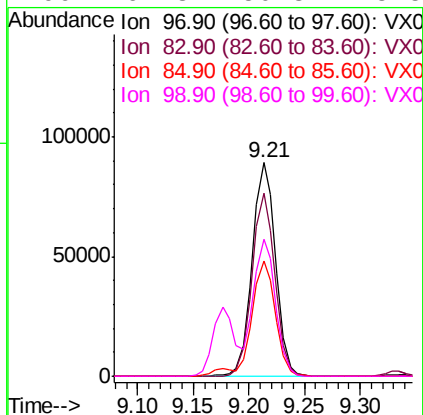
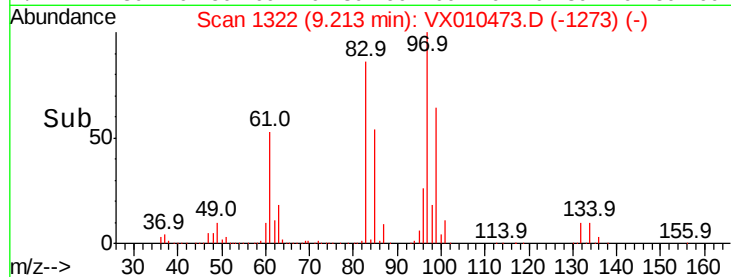
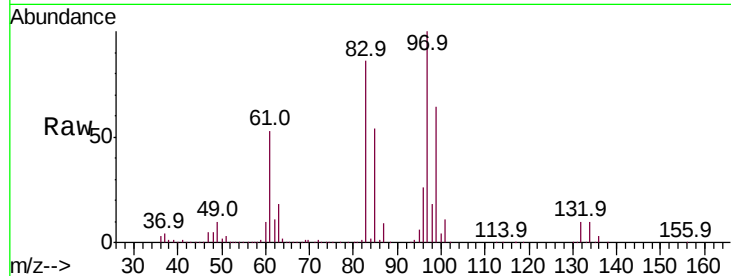
ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion	97	Resp	130567
Ion Ratio	Lower	Upper	
97	100		
83	85.6	67.4	101.0
85	54.1	43.8	65.8
99	64.3	50.3	75.5

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#56

Ethyl methacrylate

Concen: 51.032 ug/l

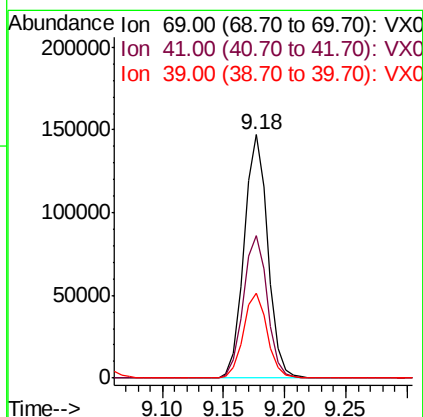
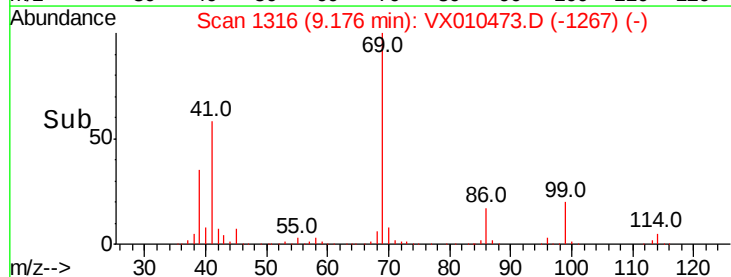
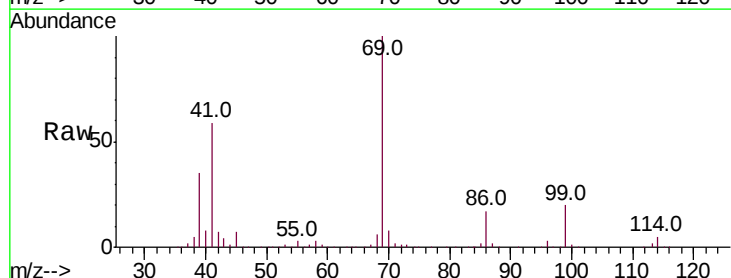
RT: 9.18 min Scan# 1316

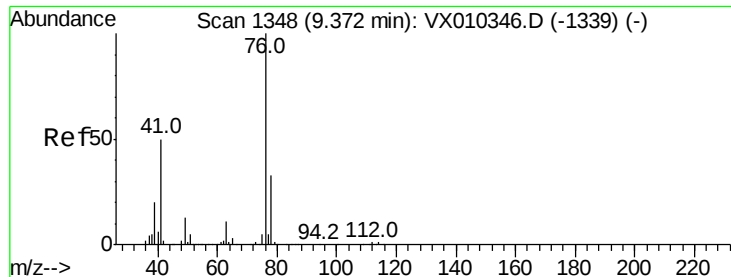
Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Tgt Ion	69	Resp	197257
Ion Ratio	Lower	Upper	
69	100		
41	59.5	47.1	70.7
39	35.3	26.6	40.0





#57

1,3-Dichloropropane

Concen: 50.683 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion: 76 Resp: 200750

Ion Ratio Lower Upper

76 100

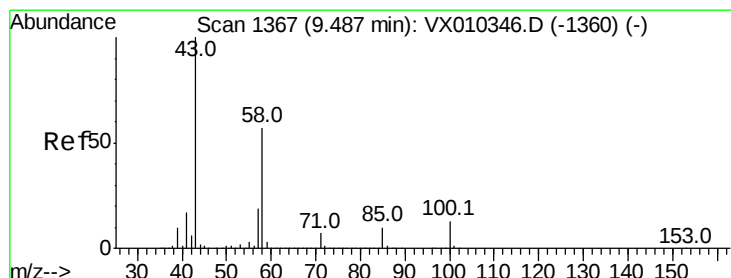
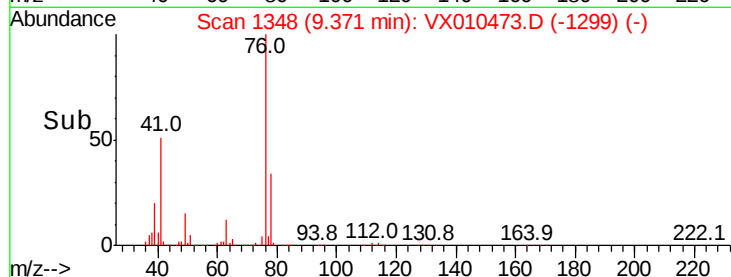
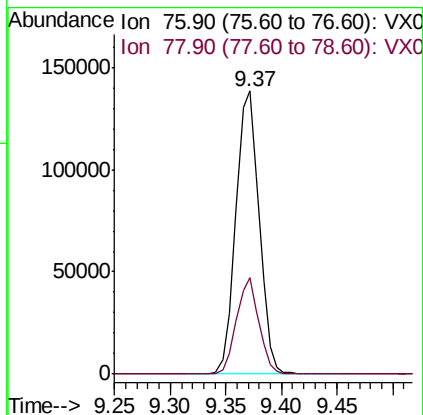
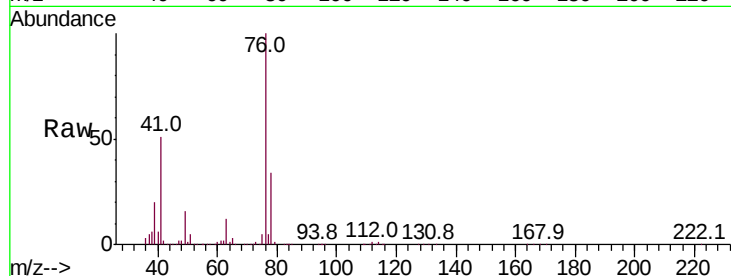
78 32.6 26.1 39.1

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#59

2-Hexanone

Concen: 255.584 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VX010473.D

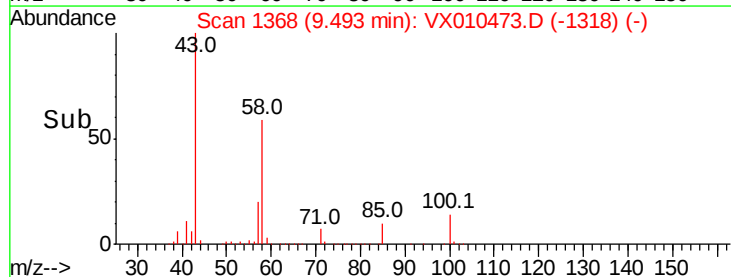
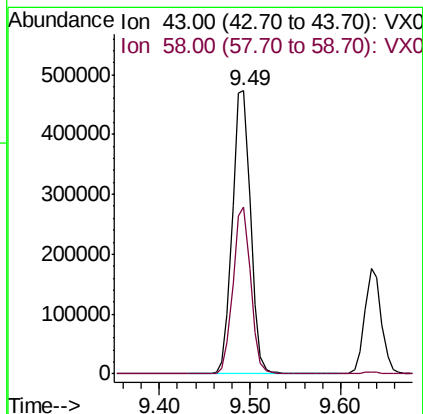
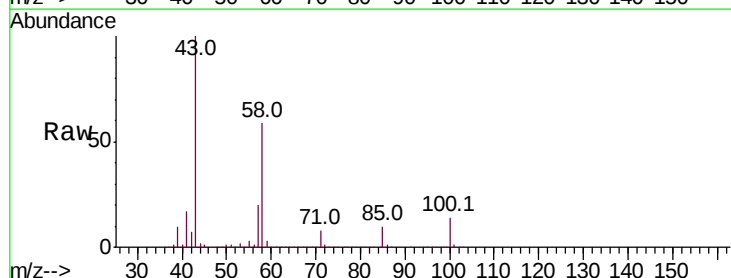
Acq: 26 Jun 2019 19:16

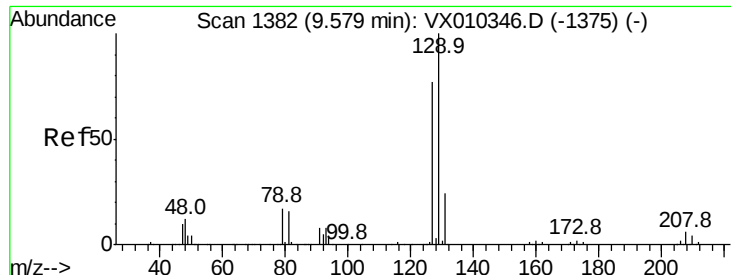
Tgt Ion: 43 Resp: 660324

Ion Ratio Lower Upper

43 100

58 57.3 29.0 87.1





#60

Dibromochloromethane

Concen: 50.920 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion:129 Resp: 145476

Ion Ratio Lower Upper

129 100

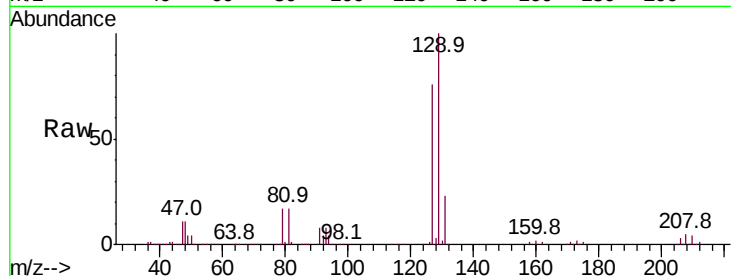
127 76.4 38.4 115.1

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

9.58

100000

80000

60000

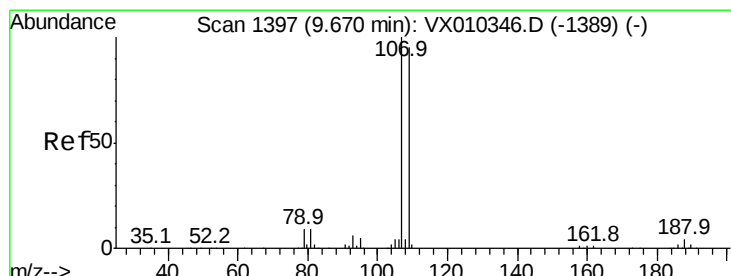
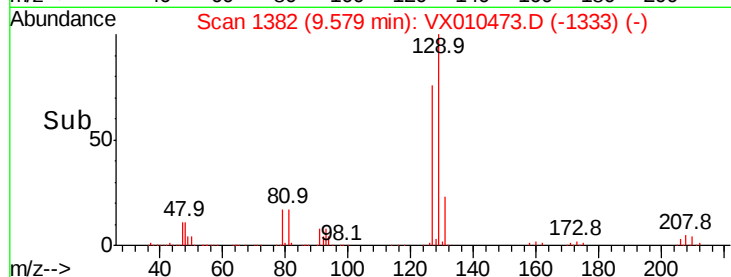
40000

20000

0

Time-->

9.50 9.55 9.60 9.65



#61

1,2-Dibromoethane

Concen: 50.664 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010473.D

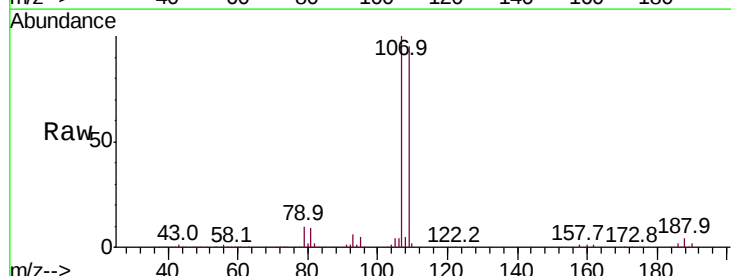
Acq: 26 Jun 2019 19:16

Tgt Ion:107 Resp: 139536

Ion Ratio Lower Upper

107 100

109 94.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

60000

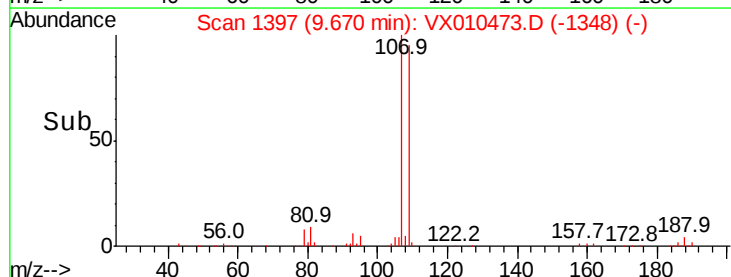
40000

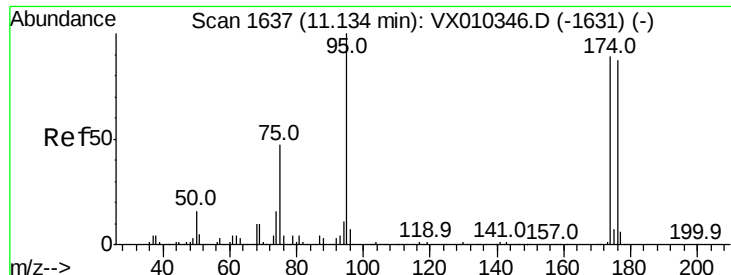
20000

0

Time-->

9.60 9.65 9.70 9.75





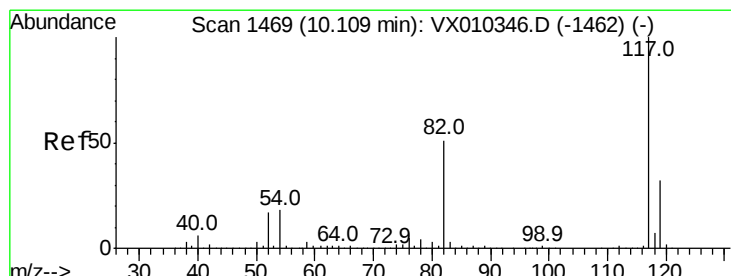
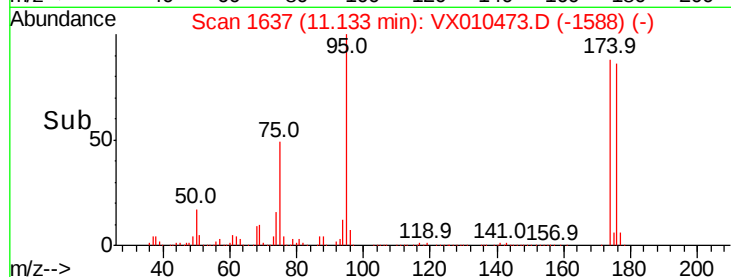
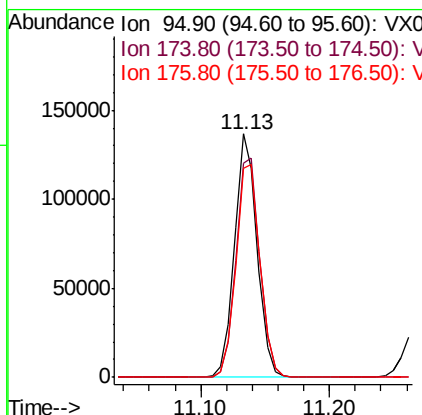
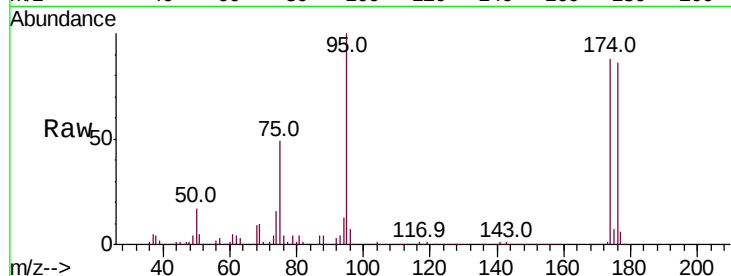
#62
4-Bromofluorobenzene
Concen: 51.982 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Instrument :
MSVOA_X
ClientSampleId :
CPA-GMW-5S-R-M24W1-061919MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	166703		
174	95.2	0.0	187.6	
176	93.0	0.0	184.0	

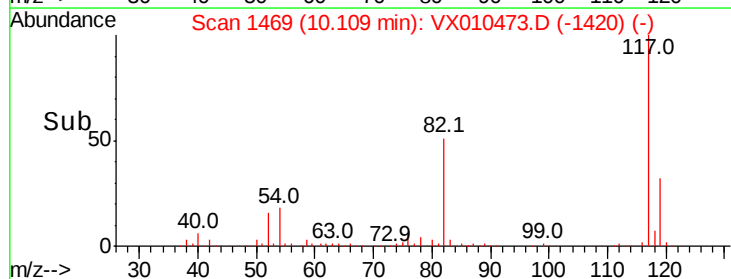
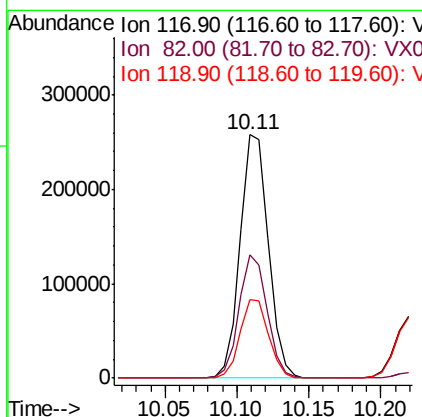
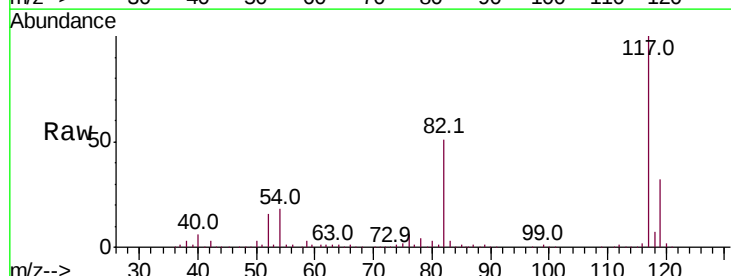
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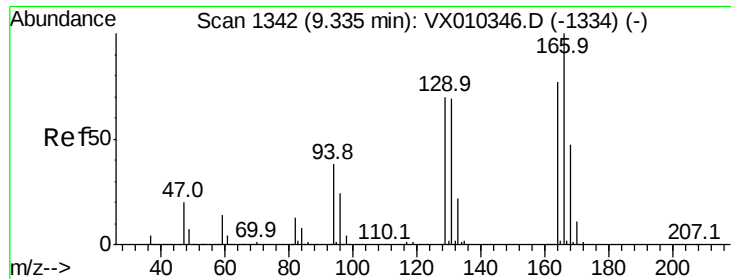
MMDadoda
6/27/2019 10:11:48 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	352168		
82	50.7	41.2	61.8	
119	32.3	25.5	38.3	





#64

Tetrachloroethene

Concen: 45.372 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion:164 Resp: 129239

Ion Ratio Lower Upper

164 100

166 126.4 103.6 155.4

129 88.7 73.0 109.4

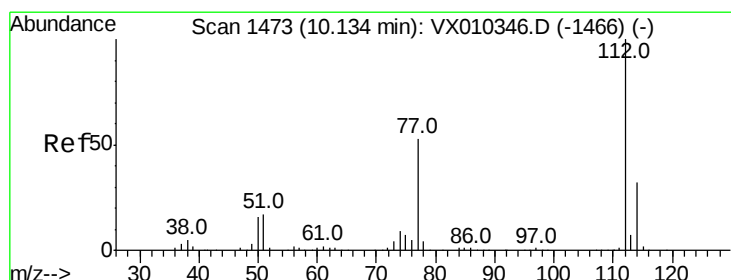
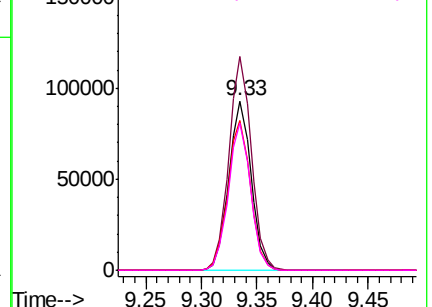
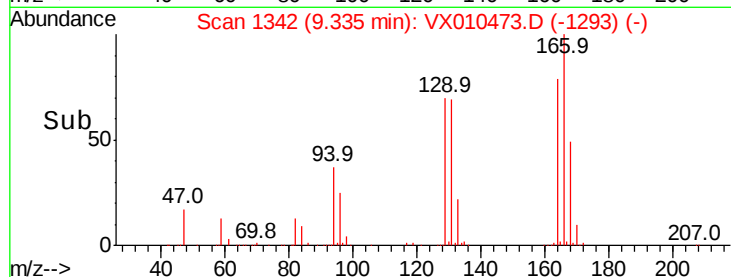
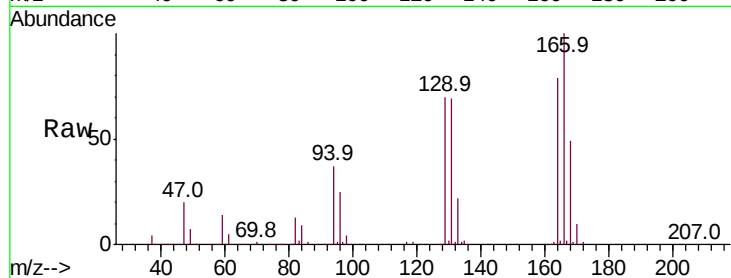
131 87.3 71.0 106.4

Manual Integrations

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#65

Chlorobenzene

Concen: 48.716 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010473.D

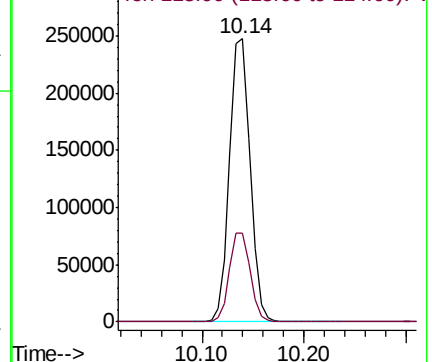
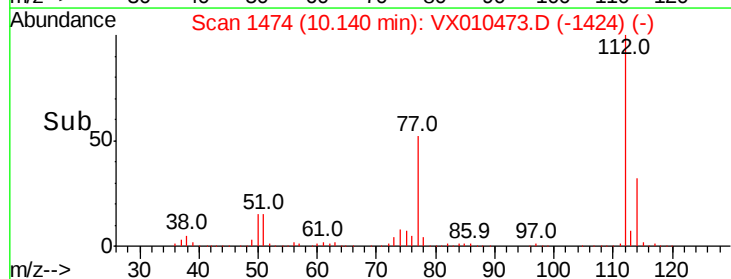
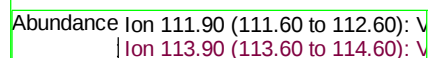
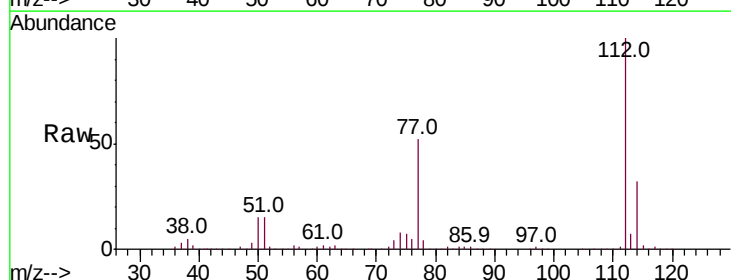
Acq: 26 Jun 2019 19:16

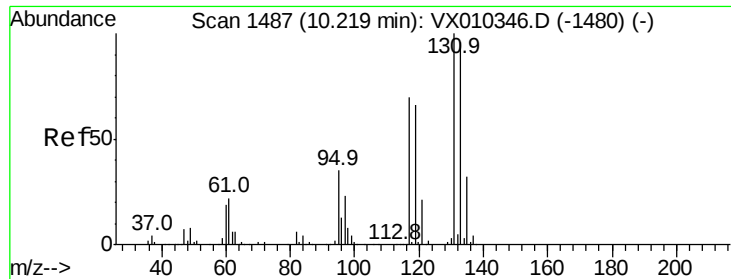
Tgt Ion:112 Resp: 348306

Ion Ratio Lower Upper

112 100

114 31.6 25.4 38.2





#66

1,1,1,2-Tetrachloroethane

Concen: 50.043 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

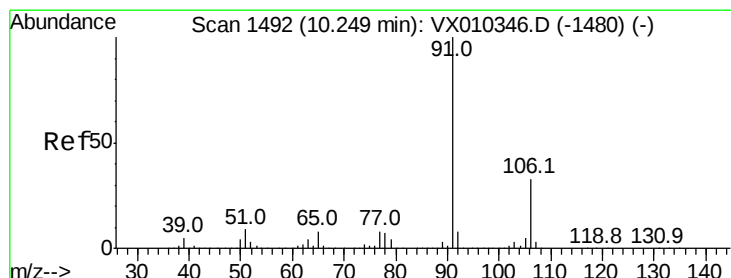
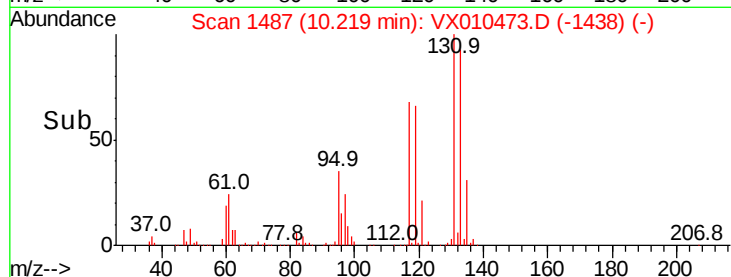
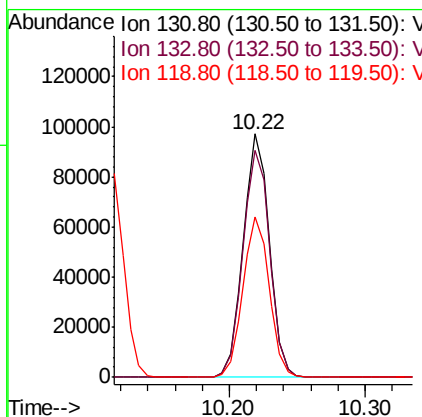
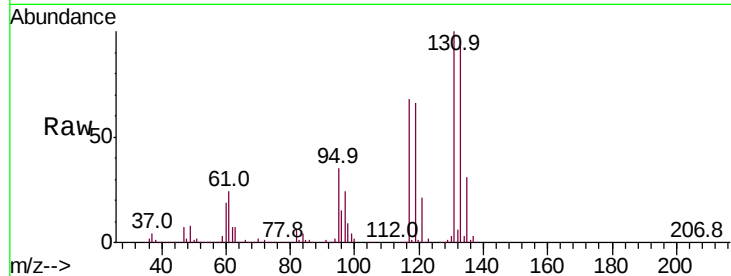
ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion:	131	Resp:	130327
Ion Ratio	Lower	Upper	
131	100		
133	95.7	47.7	143.1
119	66.6	32.6	97.7

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#67

Ethyl Benzene

Concen: 49.207 ug/l

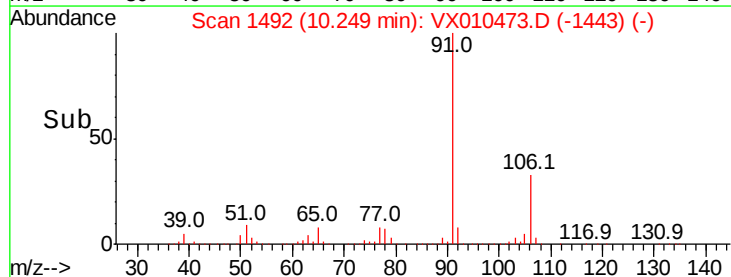
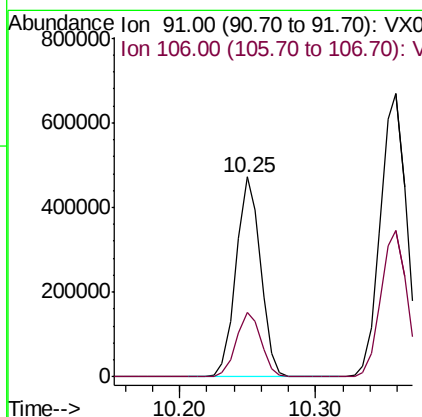
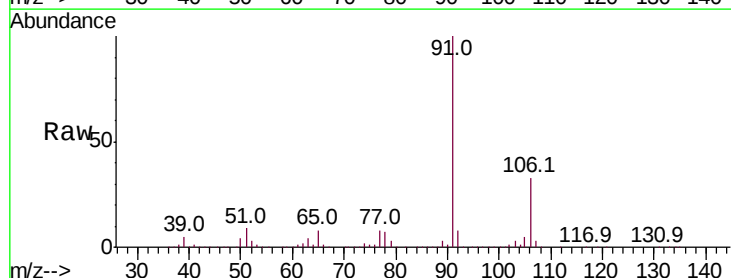
RT: 10.25 min Scan# 1492

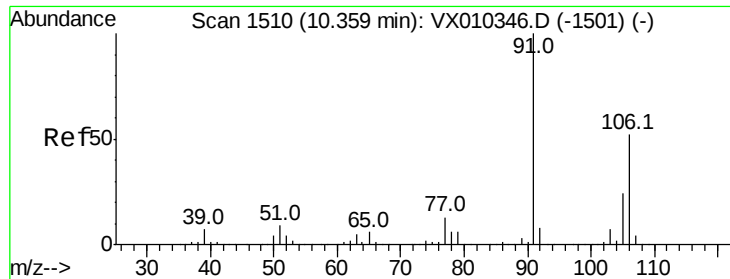
Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Tgt Ion:	91	Resp:	593942
Ion Ratio	Lower	Upper	
91	100		
106	32.6	26.2	39.2





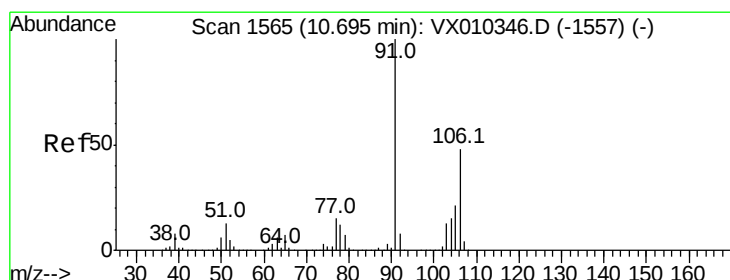
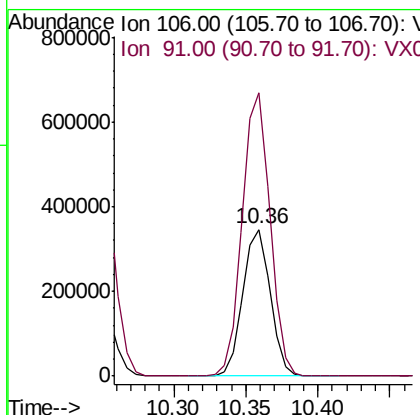
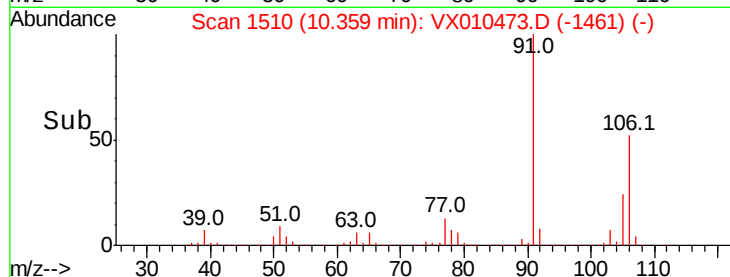
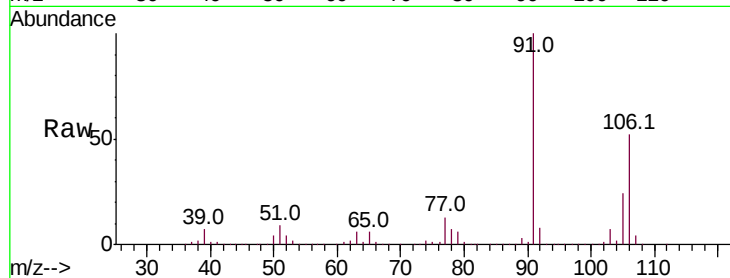
#68
m/p-Xylenes
Concen: 98.169 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Instrument :
MSVOA_X
ClientSampleId :
CPA-GMW-5S-R-M24W1-061919MS

Tot Ion:106 Resp: 459130
Ion Ratio Lower Upper
106 100
91 194.8 155.3 232.9

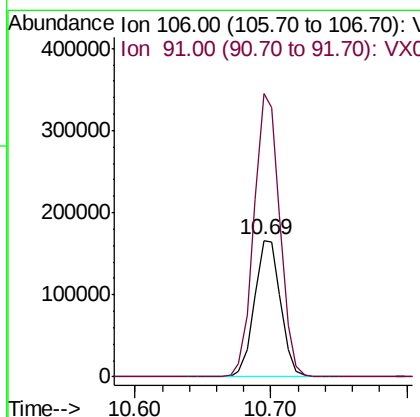
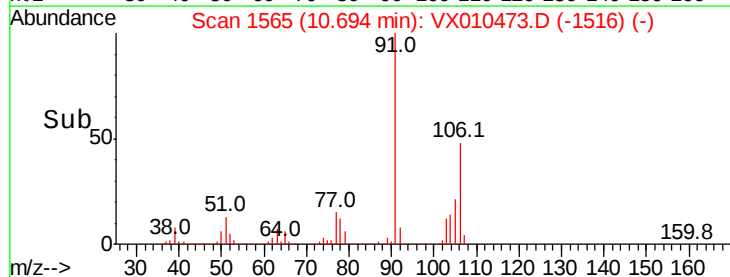
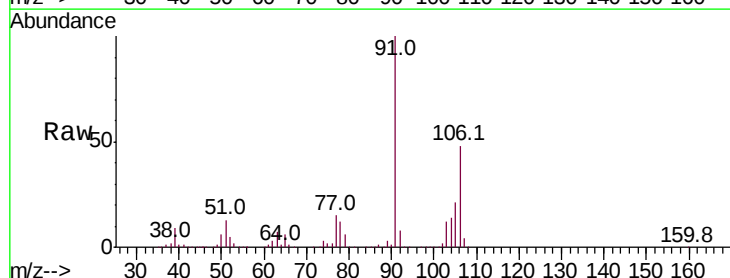
Manual Integrations
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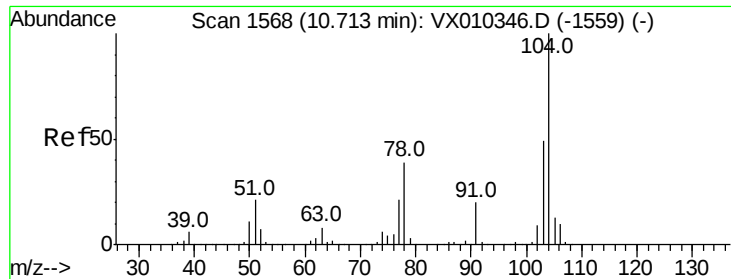
MMDadoda
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#69
o-Xylene
Concen: 48.797 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Tgt Ion:106 Resp: 224434
Ion Ratio Lower Upper
106 100
91 205.0 102.7 308.1





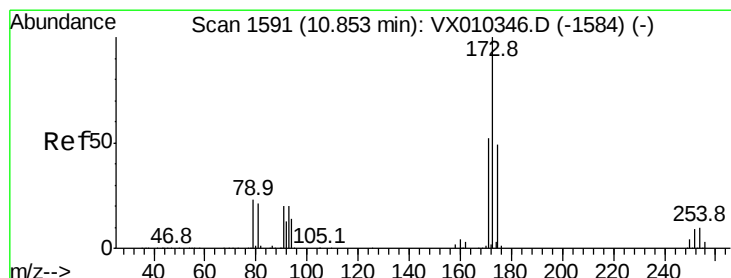
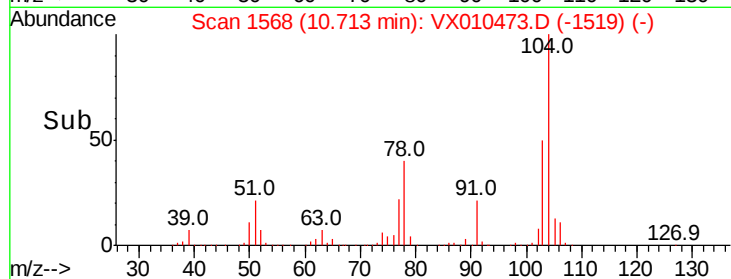
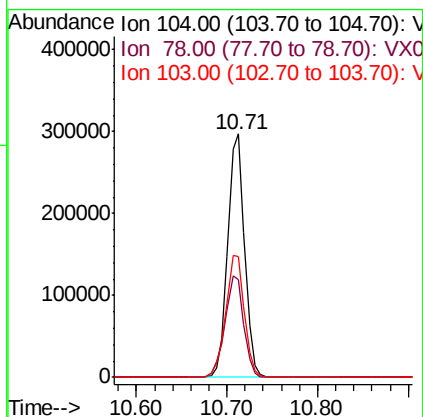
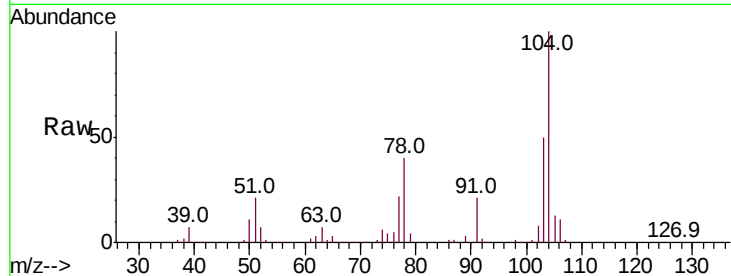
#70
Stvrene
Concen: 49.777 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Instrument :
MSVOA_X
ClientSampleId :
CPA-GMW-5S-R-M24W1-061919MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	383945		
78	46.4		36.2	54.2
103	55.3		44.2	66.4

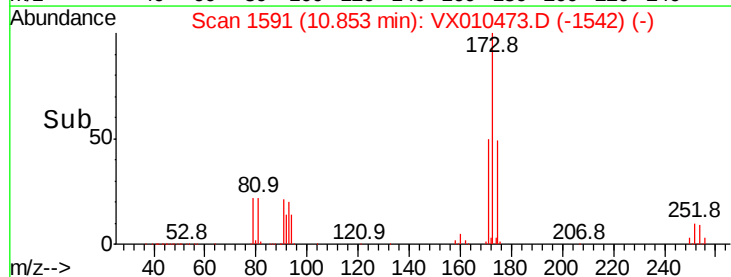
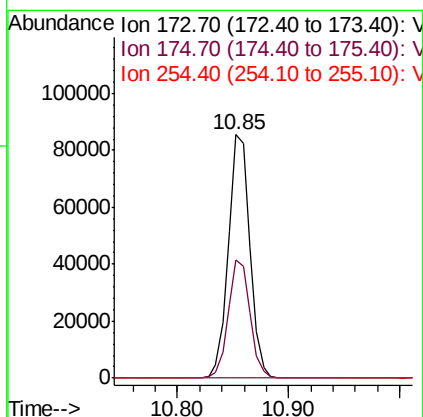
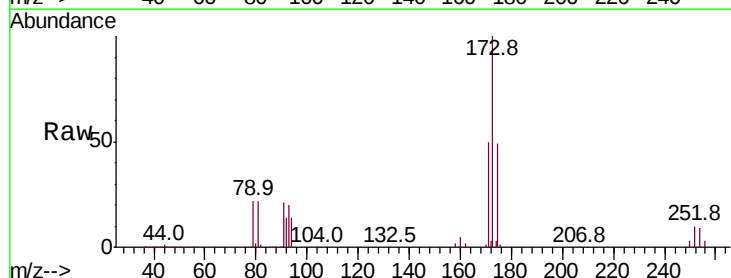
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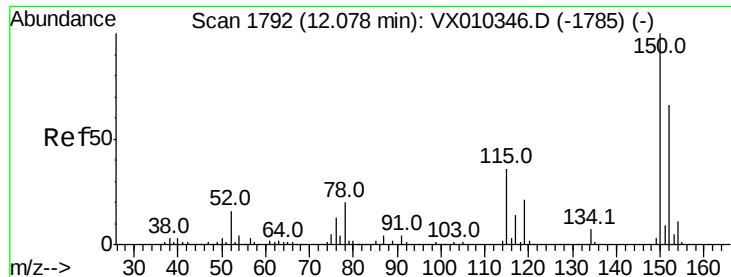
MMDadoda
6/27/2019 10:11:48 AM



#71
Bromoform
Concen: 50.357 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	114046		
175	49.1		24.1	72.3
254	0.2		0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion:152 Resp: 179486

Ion Ratio Lower Upper

152 100

115 75.7 38.6 115.7

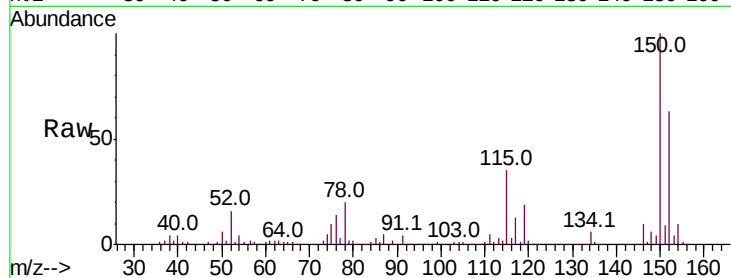
150 170.9 0.0 347.4

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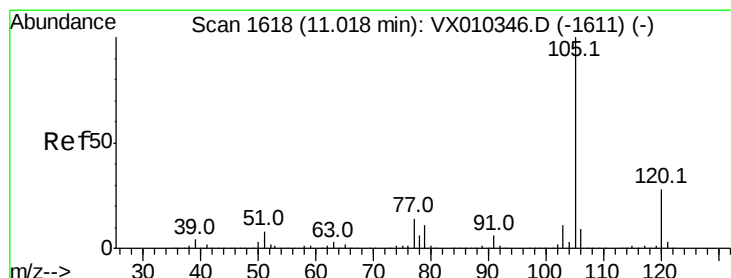
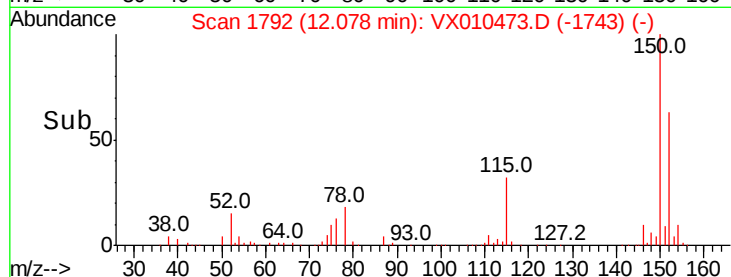
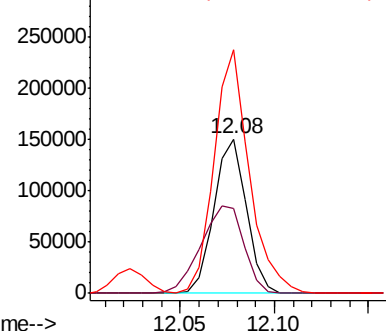
6/27/2019 10:11:48 AM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 48.940 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010473.D

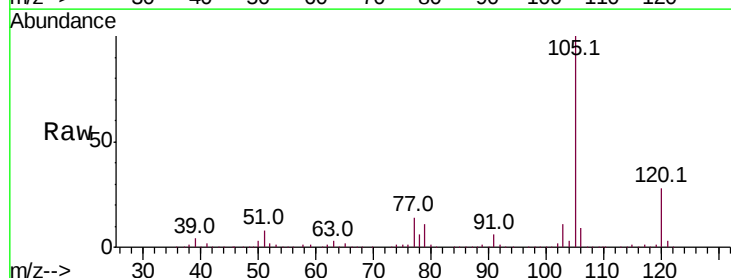
Acq: 26 Jun 2019 19:16

Tgt Ion:105 Resp: 595454

Ion Ratio Lower Upper

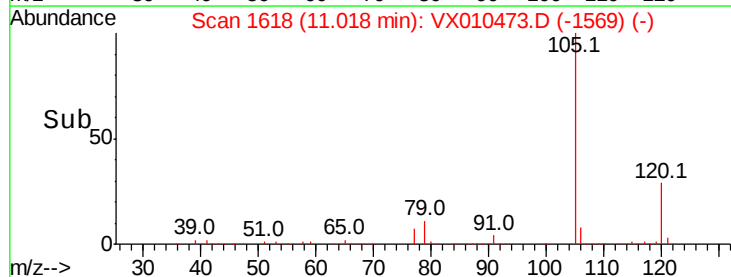
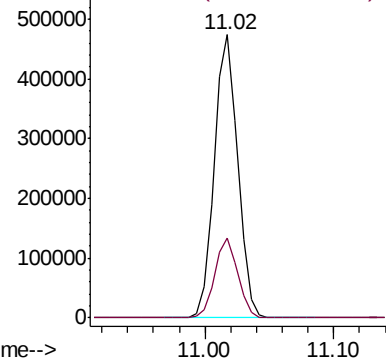
105 100

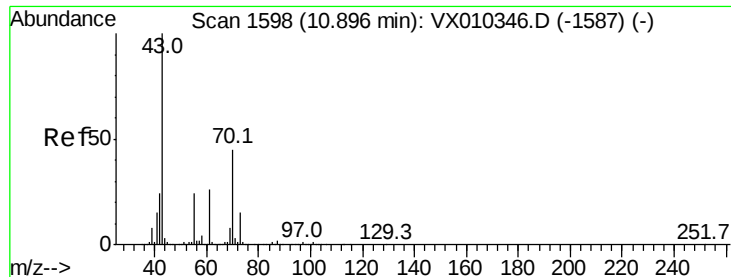
120 27.7 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 47.586 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

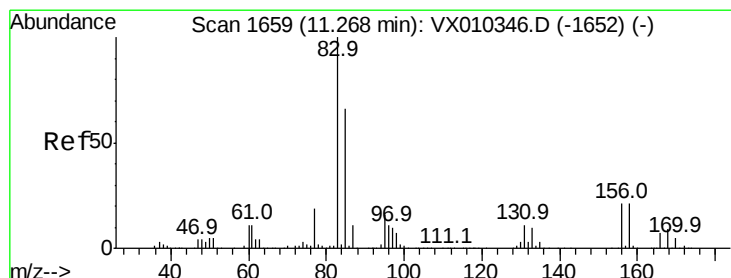
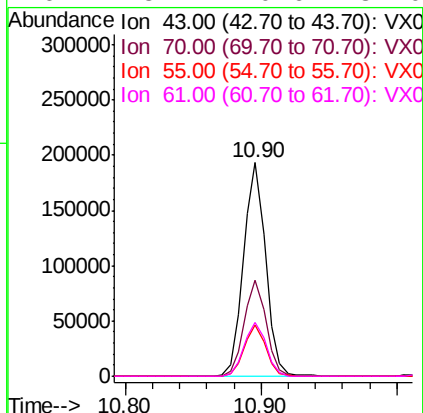
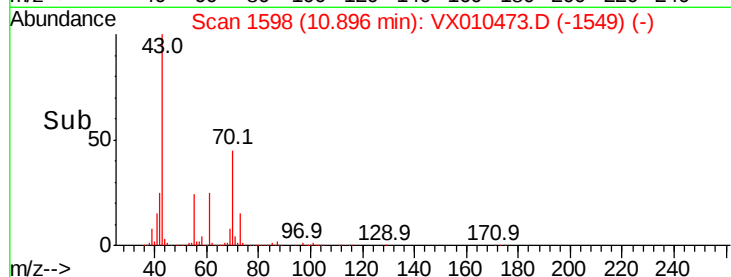
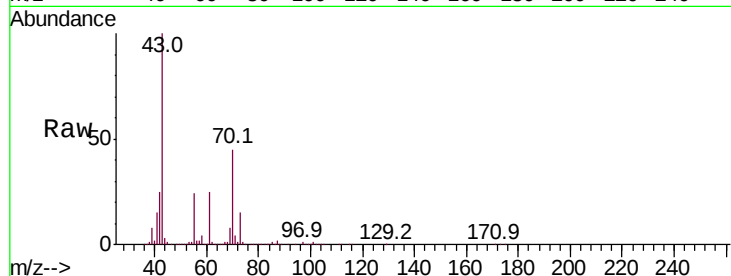
ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion	Ratio	Lower	Upper
43	100		
70	45.0	36.6	54.8
55	23.5	18.7	28.1
61	25.7	20.6	31.0

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6/27/2019 10:11:48 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 49.859 ug/l

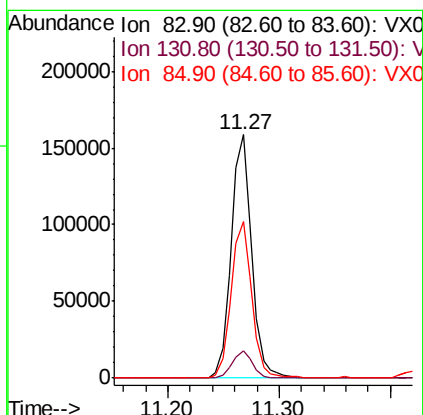
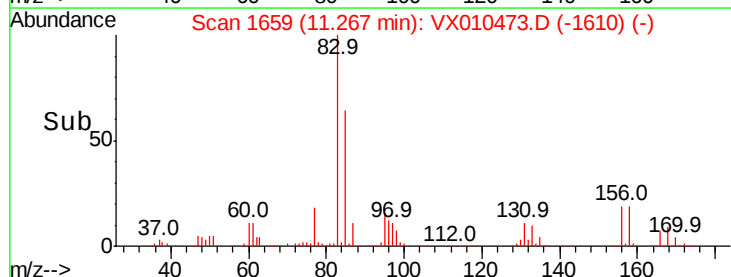
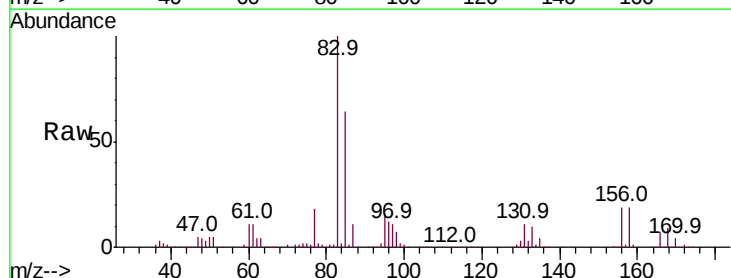
RT: 11.27 min Scan# 1659

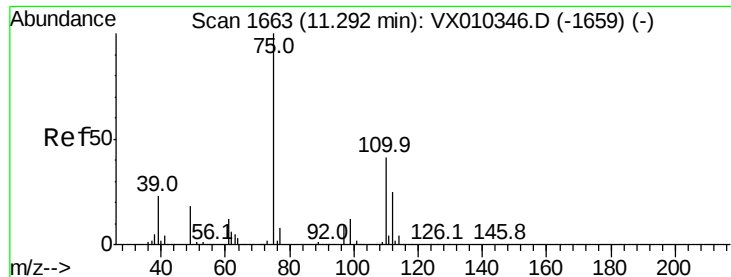
Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.5	16.4
85	65.1	32.3	96.8





#76

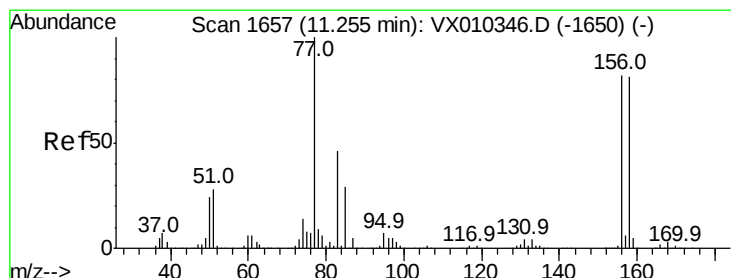
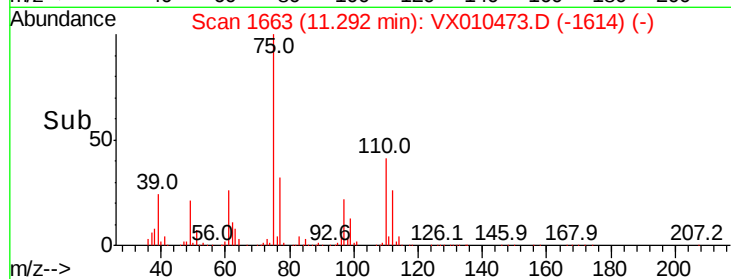
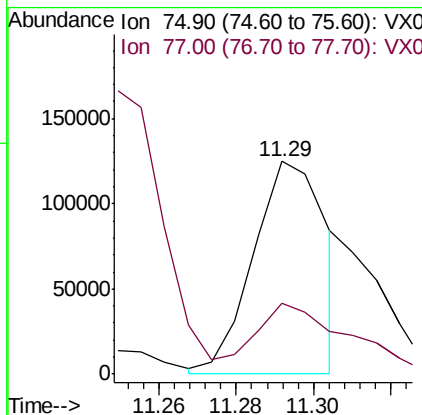
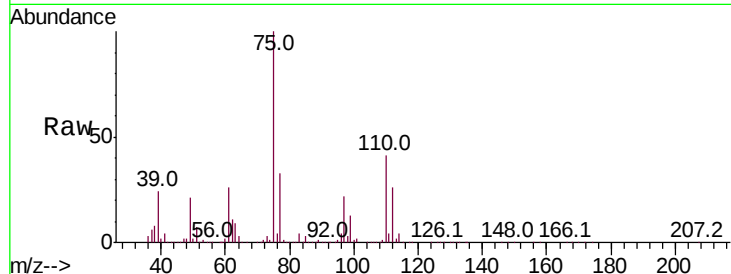
1,2,3-Trichloropropane
Concen: 49.890 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Instrument :
MSVOA_X
ClientSampleId :
CPA-GMW-5S-R-M24W1-061919MS

Tot Ion: 75 Resp: 163177
Ion Ratio Lower Upper
75 100
77 43.8 22.6 67.8

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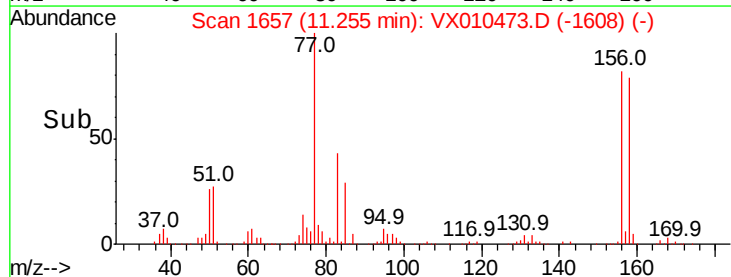
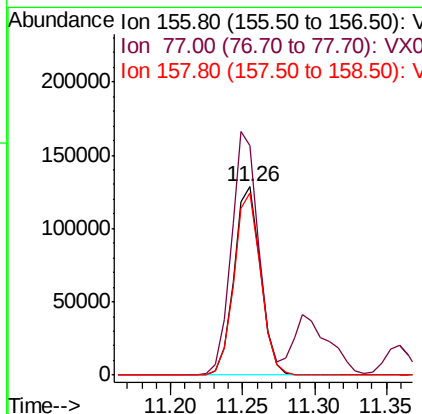
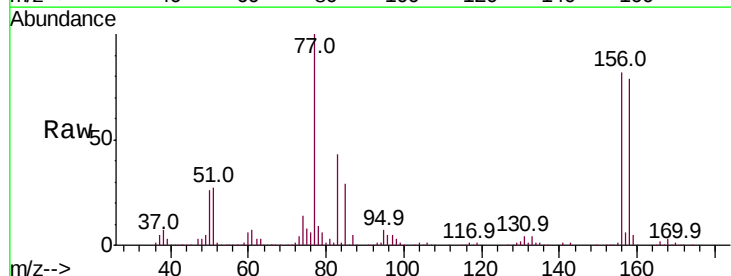
MMDadoda
6/27/2019 10:11:48 AM

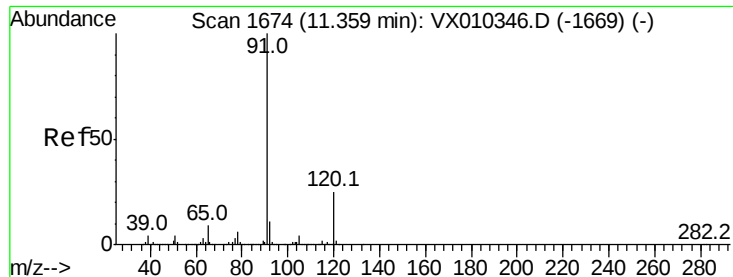


#77

Bromobenzene
Concen: 48.845 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Tgt Ion: 156 Resp: 165943
Ion Ratio Lower Upper
156 100
77 131.4 66.3 198.7
158 96.9 48.9 146.7





#78

n-propylbenzene

Concen: 49.324 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion: 91 Resp: 659554

Ion Ratio Lower Upper

91 100

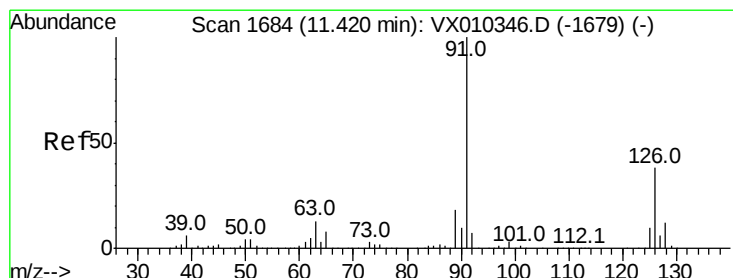
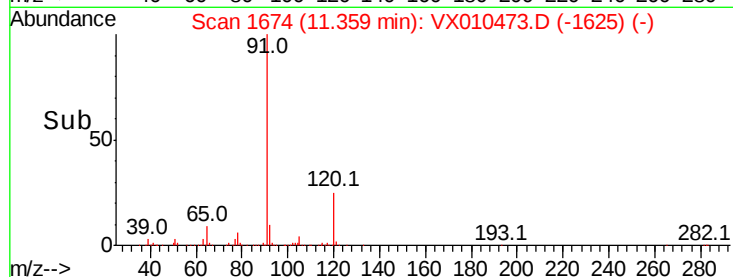
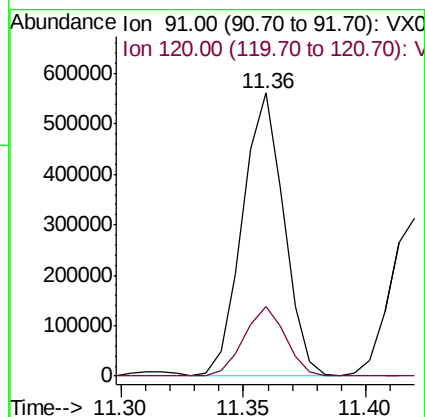
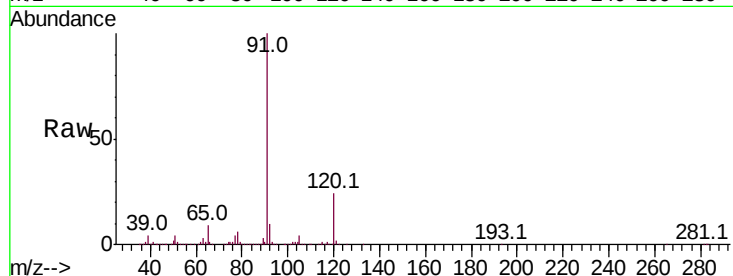
120 24.7 12.4 37.4

Manual Integrations

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MMDadoda

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#79

2-Chlorotoluene

Concen: 48.770 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010473.D

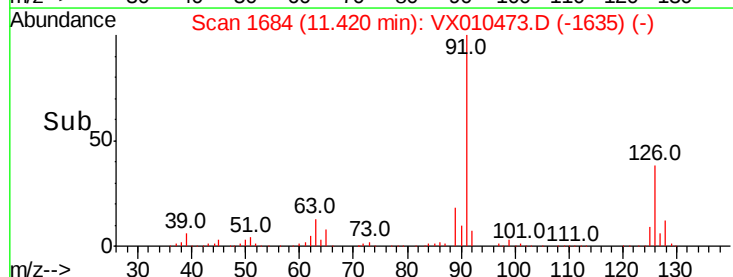
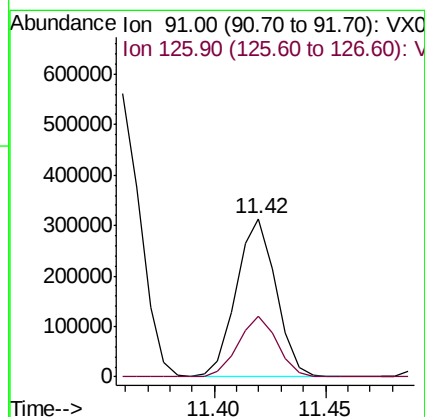
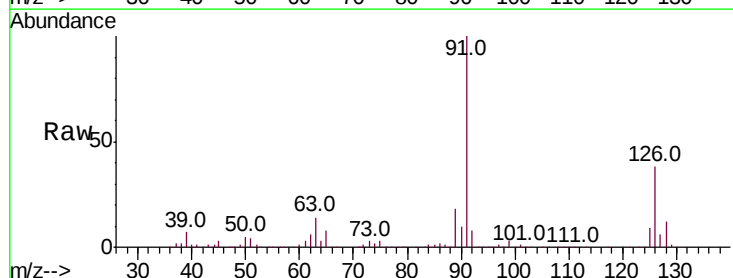
Acq: 26 Jun 2019 19:16

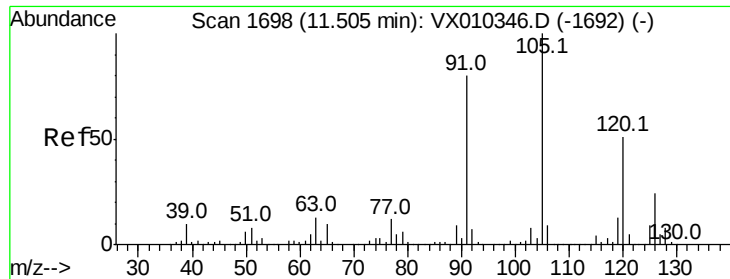
Tgt Ion: 91 Resp: 388339

Ion Ratio Lower Upper

91 100

126 37.7 18.7 56.1





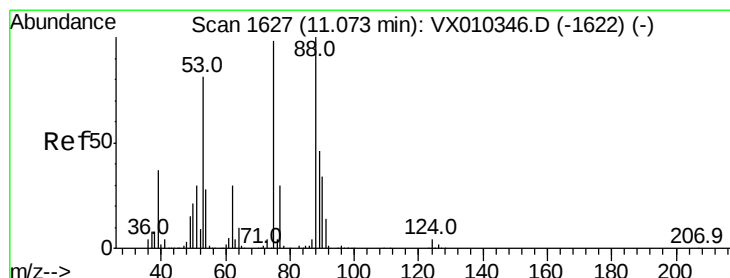
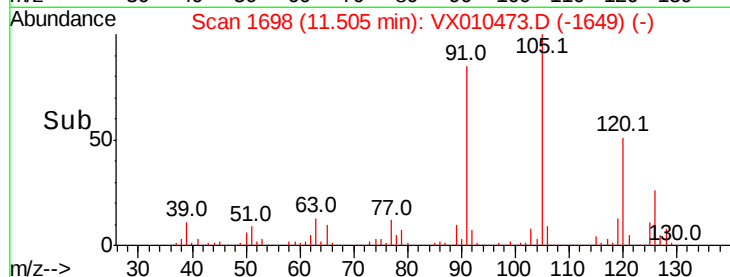
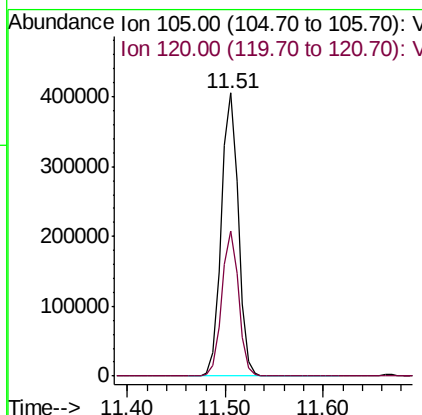
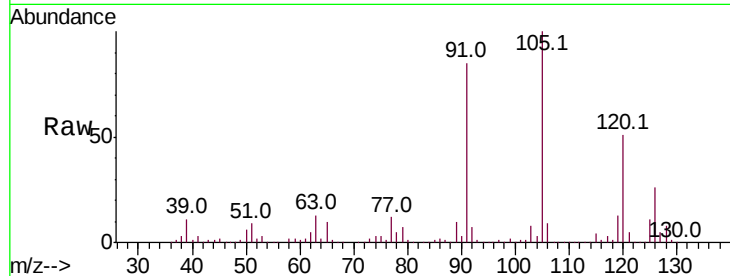
#80
 1,3,5-Trimethylbenzene
 Concen: 48.635 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010473.D
 Acq: 26 Jun 2019 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-GMW-5S-R-M24W1-061919MS

Tot Ion:105 Resp: 487822
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.2 75.6

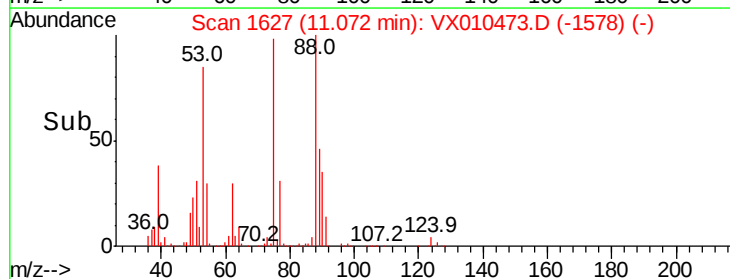
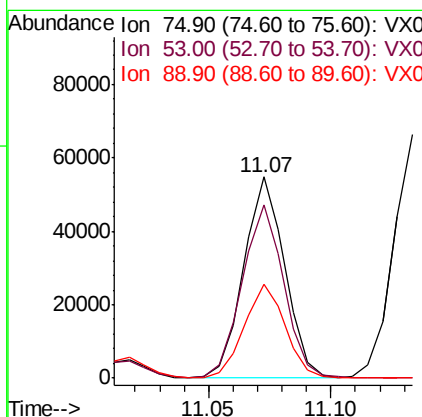
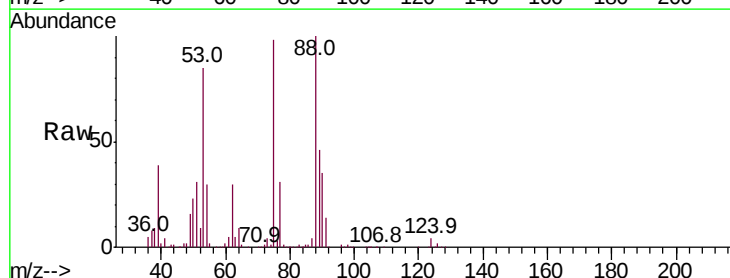
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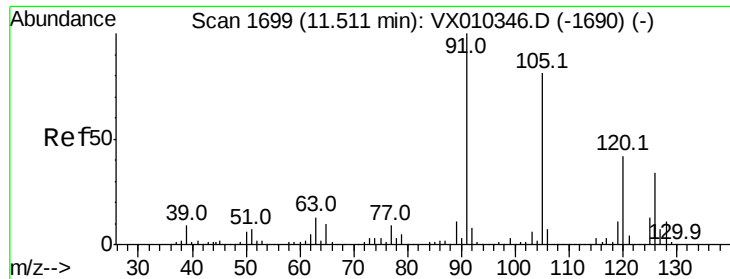
MMDadoda
 6/27/2019 10:11:48 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.584 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX010473.D
 Acq: 26 Jun 2019 19:16

Tgt Ion: 75 Resp: 63909
 Ion Ratio Lower Upper
 75 100
 53 87.7 66.1 99.1
 89 47.1 37.8 56.6





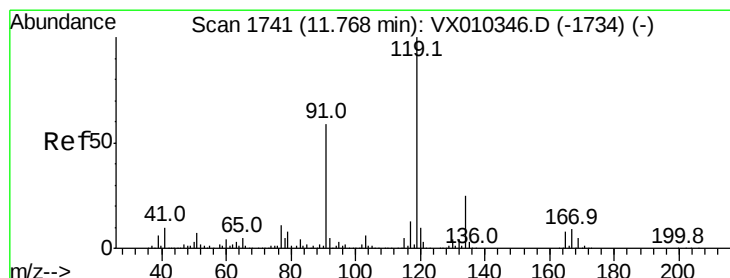
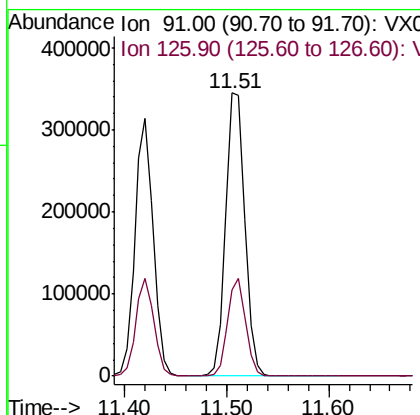
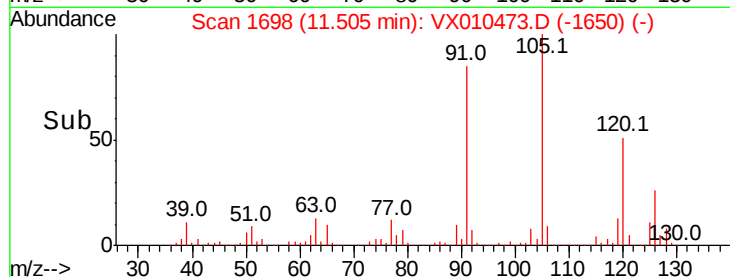
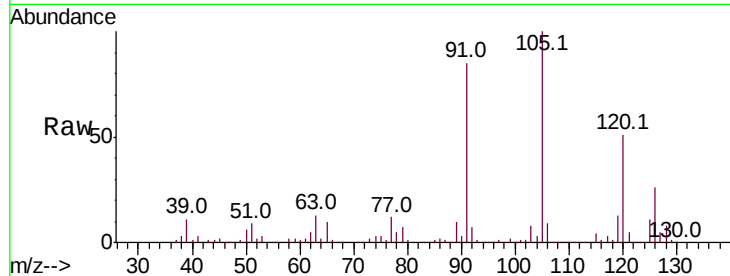
#82
4-Chlorotoluene
Concen: 49.462 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Instrument :
MSVOA_X
ClientSampleId :
CPA-GMW-5S-R-M24W1-061919MS

Tot Ion: 91 Resp: 448164
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.6

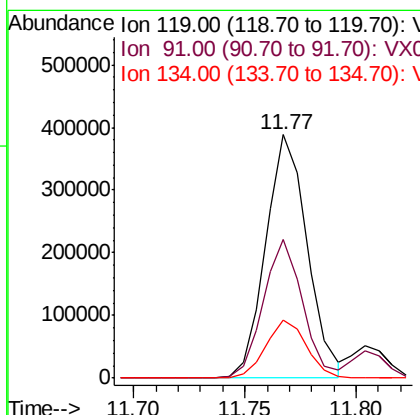
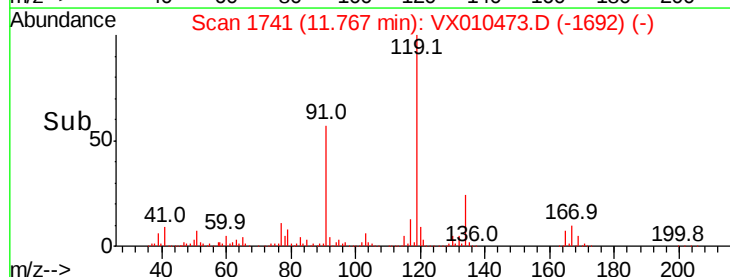
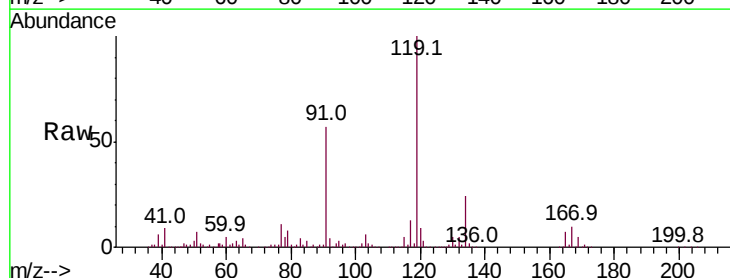
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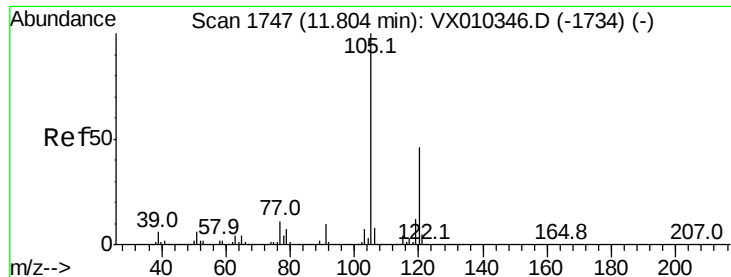
MMDadoda
6/27/2019 10:11:48 AM



#83
tert-Butylbenzene
Concen: 49.926 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Tgt Ion: 119 Resp: 502608
Ion Ratio Lower Upper
119 100
91 54.0 27.6 82.7
134 23.2 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 49.062 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion:105 Resp: 494403

Ion Ratio Lower Upper

105 100

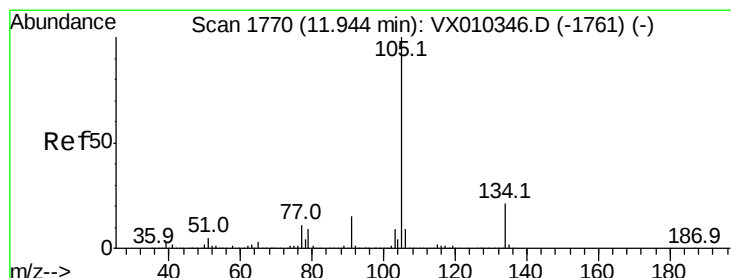
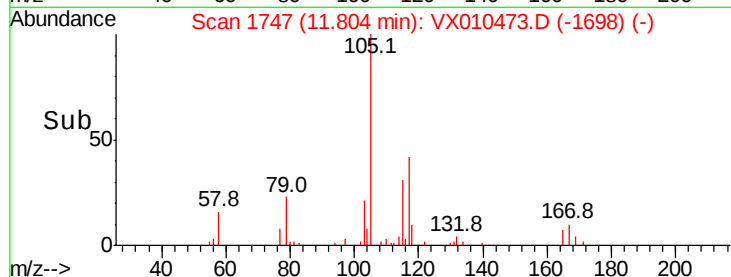
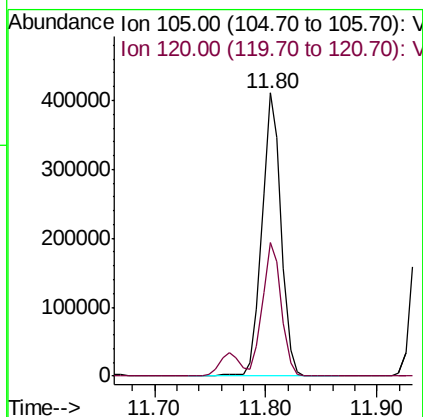
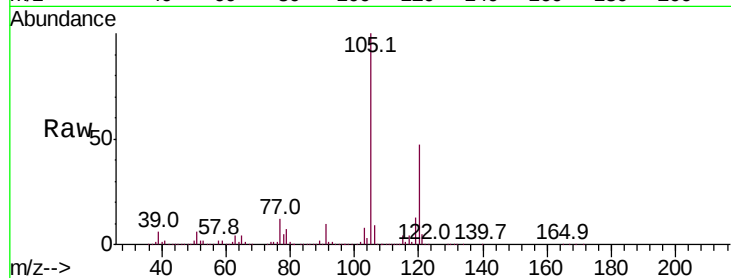
120 46.2 23.1 69.2

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6/27/2019 10:11:48 AM



#85

sec-Butylbenzene

Concen: 48.650 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010473.D

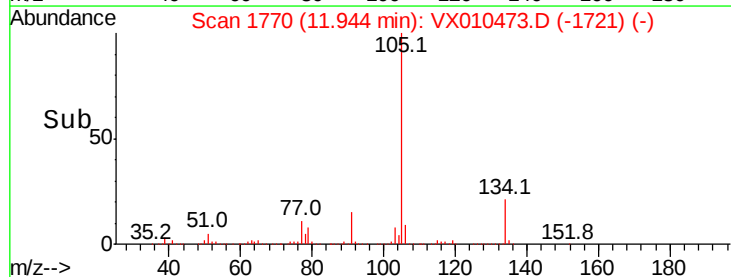
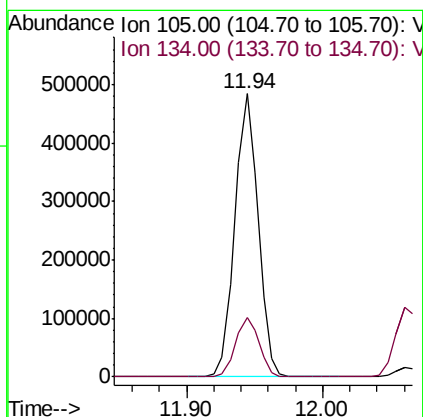
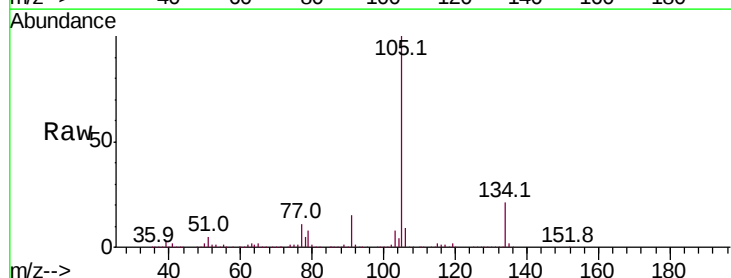
Acq: 26 Jun 2019 19:16

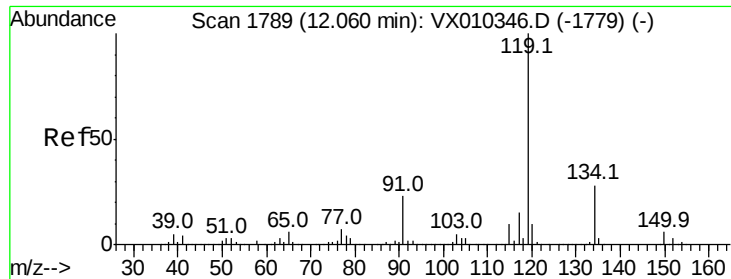
Tgt Ion:105 Resp: 575052

Ion Ratio Lower Upper

105 100

134 21.2 10.7 31.9





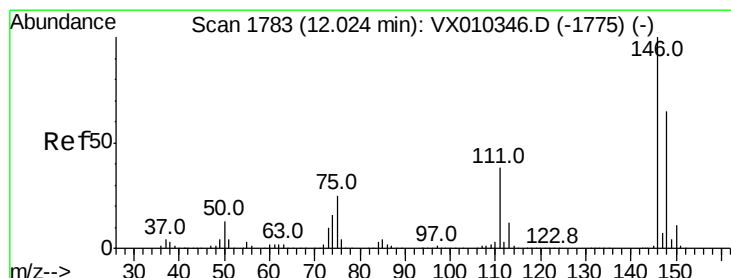
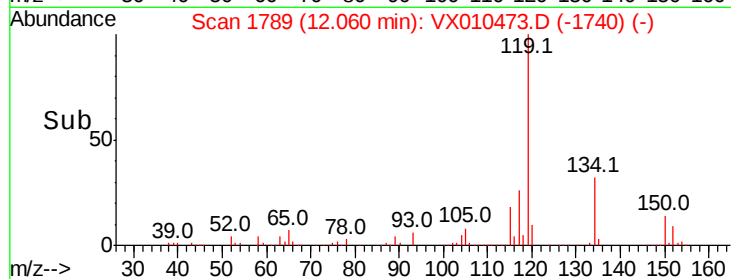
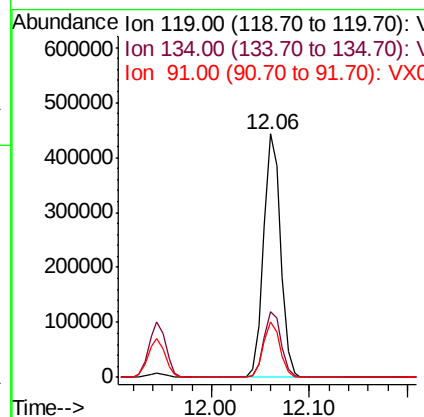
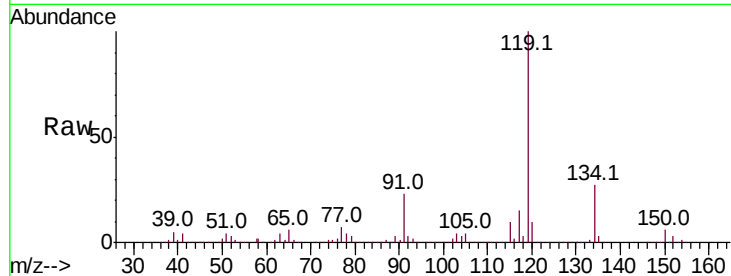
#86
p-Isopropyltoluene
Concen: 48.630 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Instrument :
MSVOA_X
ClientSampleId :
CPA-GMW-5S-R-M24W1-061919MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	531686		
134	27.5	13.7	41.1	
91	22.5	11.3	33.8	

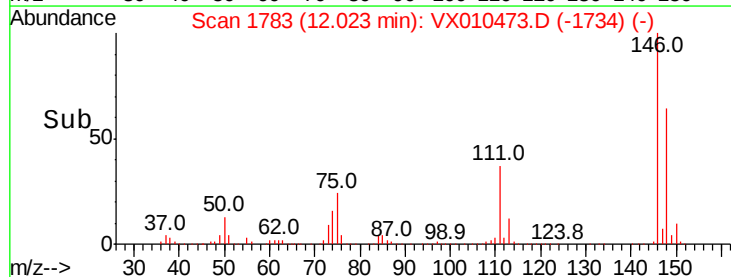
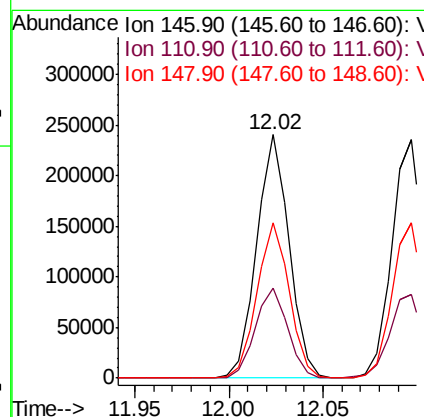
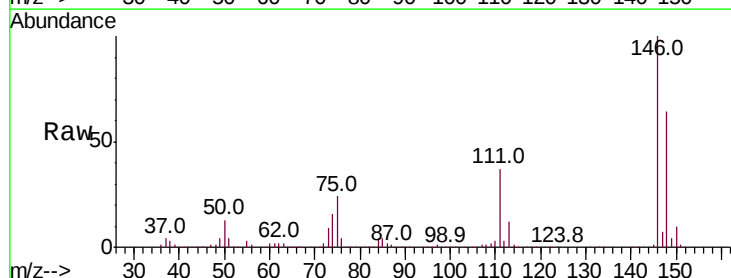
Manual Integrations
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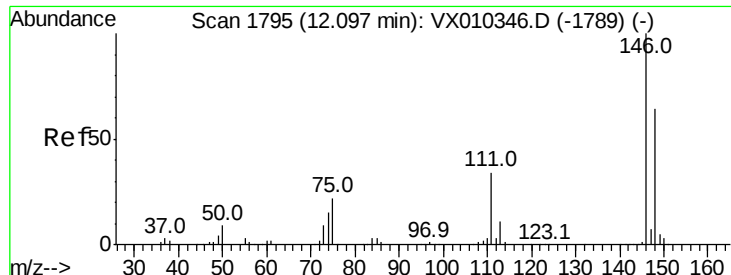
MMDadoda
6/27/2019 10:11:48 AM



#87
1,3-Dichlorobenzene
Concen: 48.353 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	286750		
111	37.2	19.1	57.1	
148	63.8	32.5	97.4	





#88

1,4-Dichlorobenzene

Concen: 47.436 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

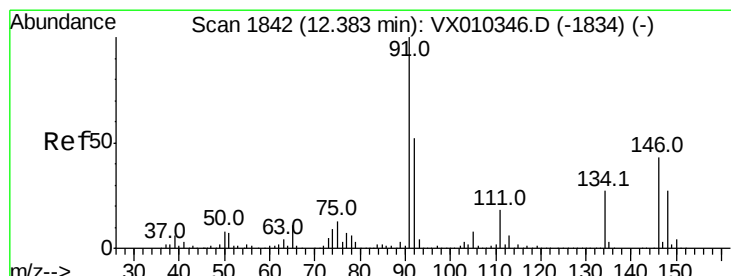
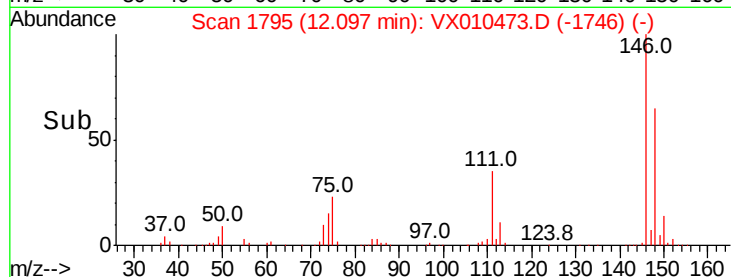
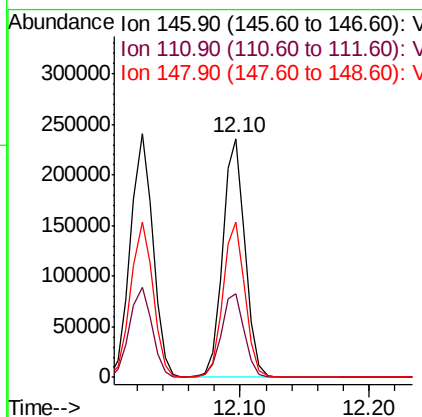
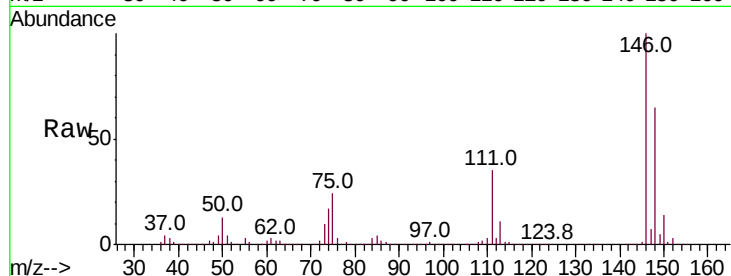
ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion:	146	Resp:	286390
Ion Ratio	Lower	Upper	
146	100		
111	36.7	18.1	54.3
148	64.6	32.1	96.3

Manual Integrations
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#89

n-Butylbenzene

Concen: 47.670 ug/l

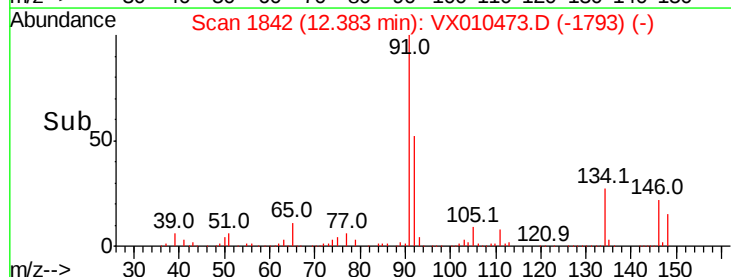
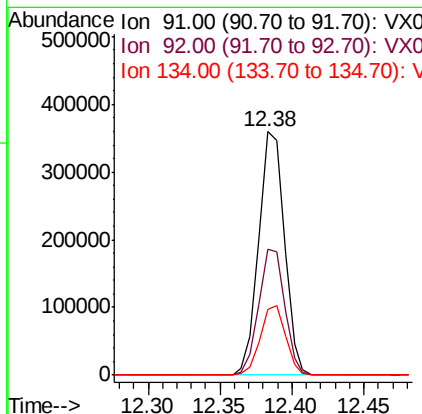
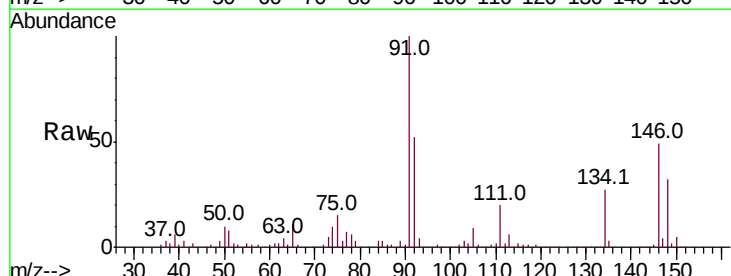
RT: 12.38 min Scan# 1842

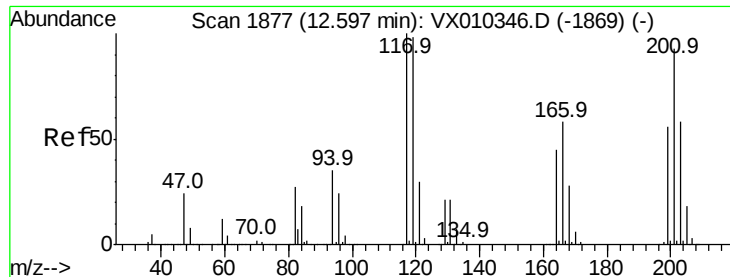
Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Tgt Ion:	91	Resp:	442881
Ion Ratio	Lower	Upper	
91	100		
92	52.5	26.2	78.5
134	28.0	14.1	42.4





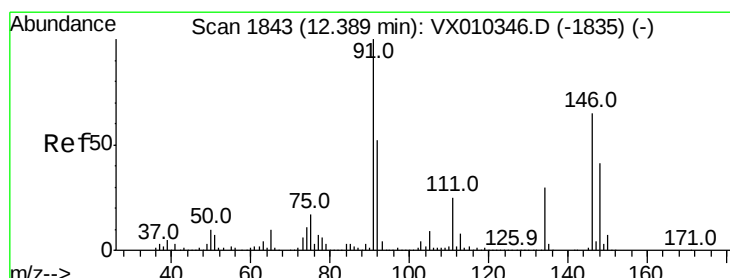
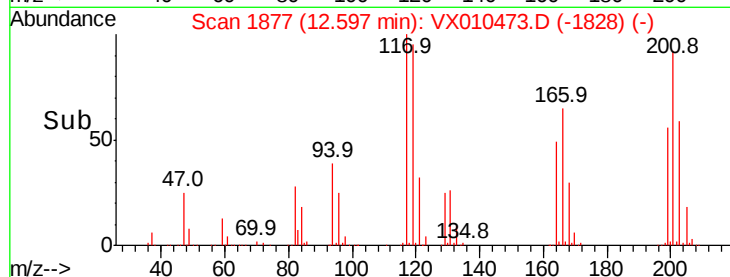
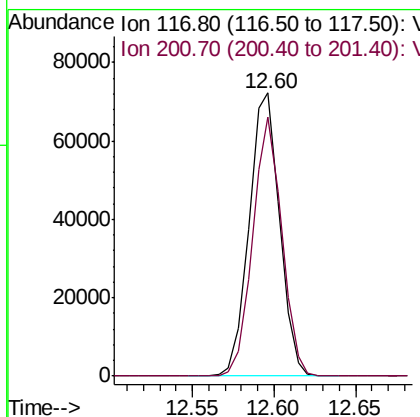
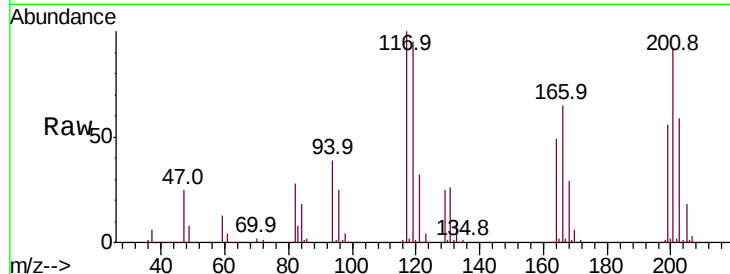
#90
Hexachloroethane
Concen: 49.757 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Instrument :
MSVOA_X
ClientSampleId :
CPA-GMW-5S-R-M24W1-061919MS

Tot Ion:117 Resp: 94067
Ion Ratio Lower Upper
117 100
201 87.2 44.0 131.8

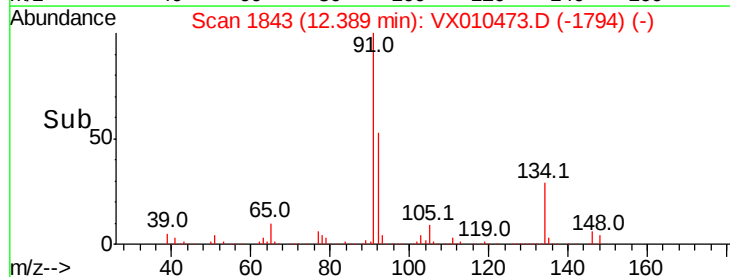
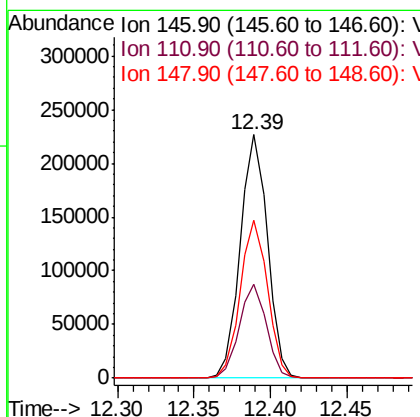
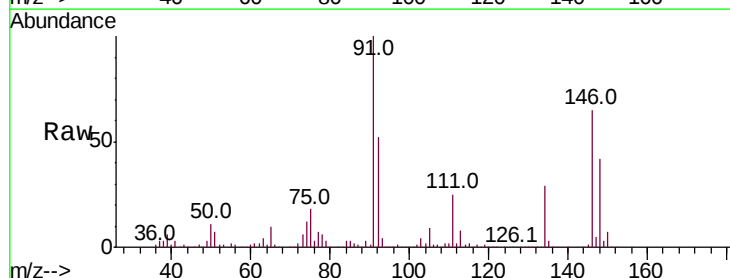
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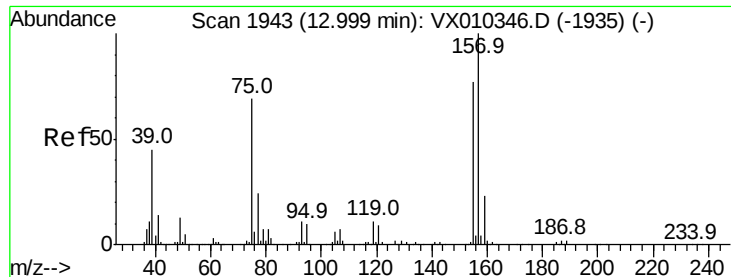
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#91
1,2-Dichlorobenzene
Concen: 47.580 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX010473.D
Acq: 26 Jun 2019 19:16

Tgt Ion:146 Resp: 280437
Ion Ratio Lower Upper
146 100
111 38.3 19.2 57.6
148 64.9 32.0 96.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 48.144 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

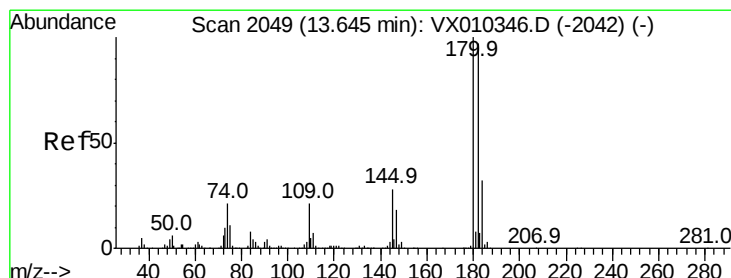
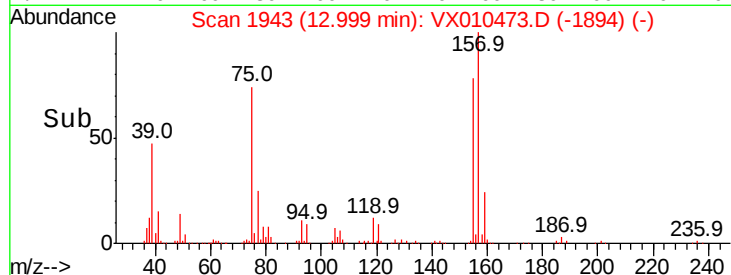
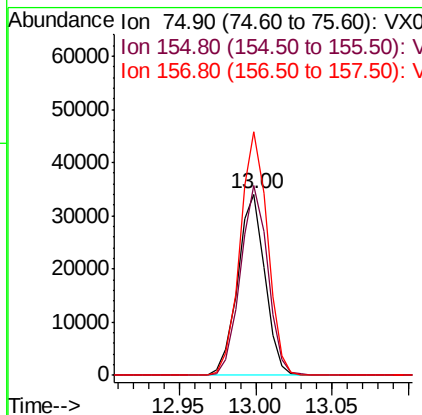
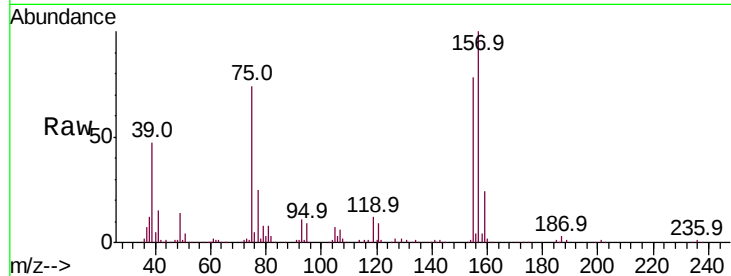
ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion:	75	Resp:	41825
Ion Ratio	Lower	Upper	
75	100		
155	105.4	54.4	163.1
157	135.5	69.5	208.3

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#93

1,2,4-Trichlorobenzene

Concen: 47.333 ug/l

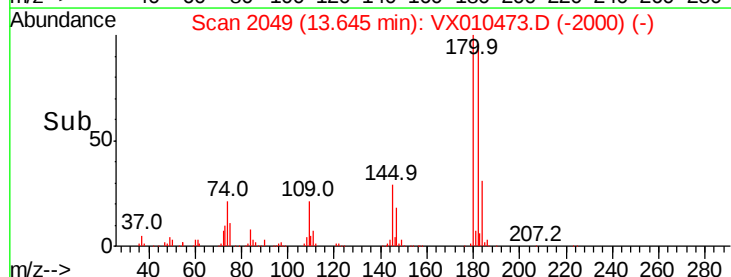
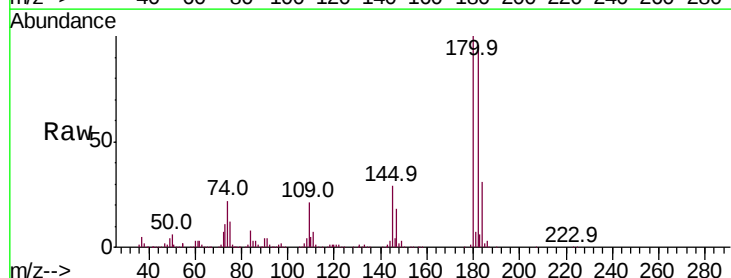
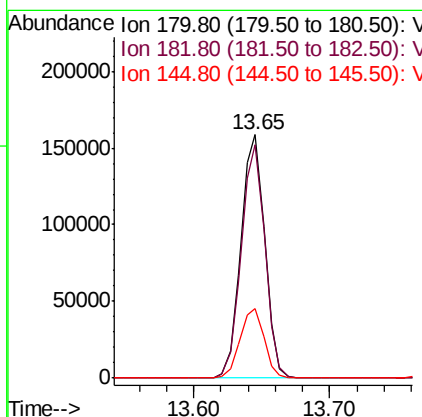
RT: 13.65 min Scan# 2049

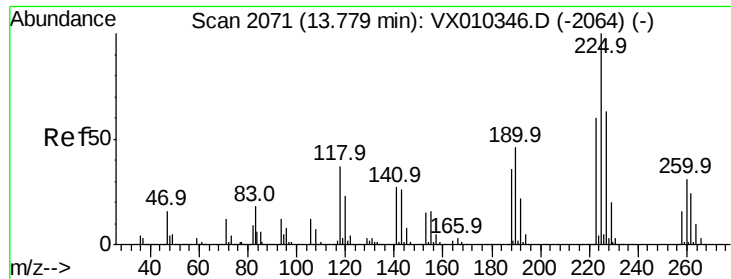
Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Tgt Ion:	180	Resp:	193466
Ion Ratio	Lower	Upper	
180	100		
182	95.2	48.0	144.0
145	29.0	14.4	43.4





#94

Hexachlorobutadiene

Concen: 44.550 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA_X

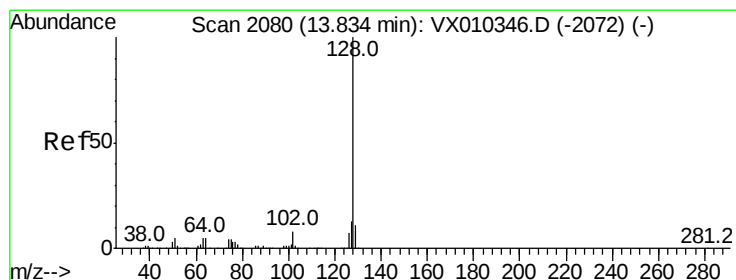
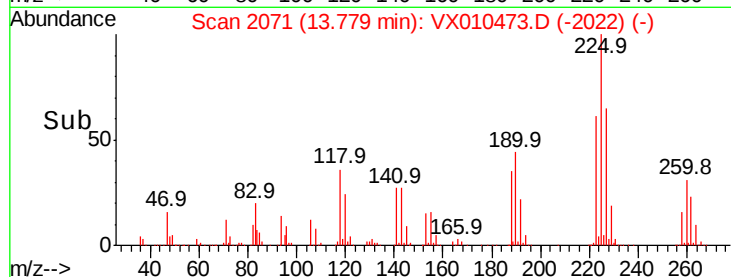
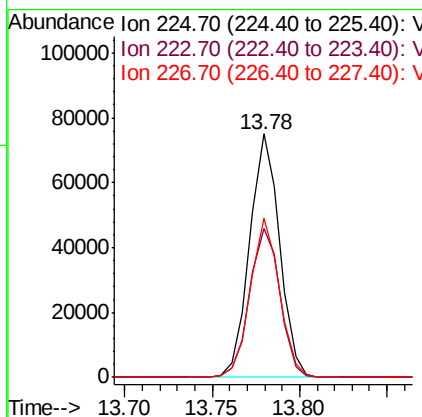
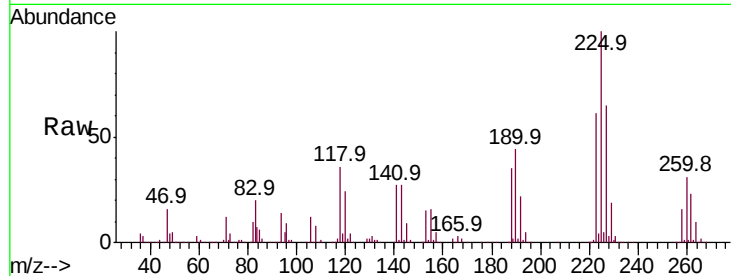
ClientSampleId :

CPA-GMW-5S-R-M24W1-061919MS

Tot Ion:	225	Resp:	88996
Ion Ratio	Lower	Upper	
225	100		
223	62.2	30.9	92.7
227	63.4	31.9	95.5

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#95

Naphthalene

Concen: 49.293 ug/l

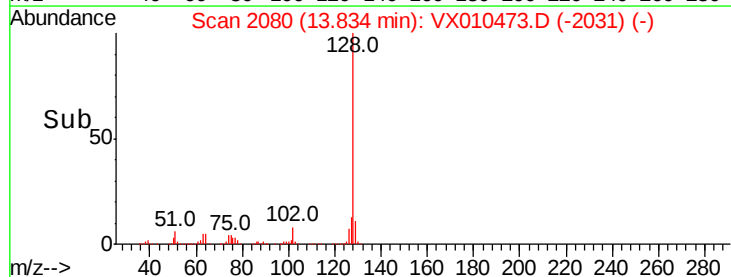
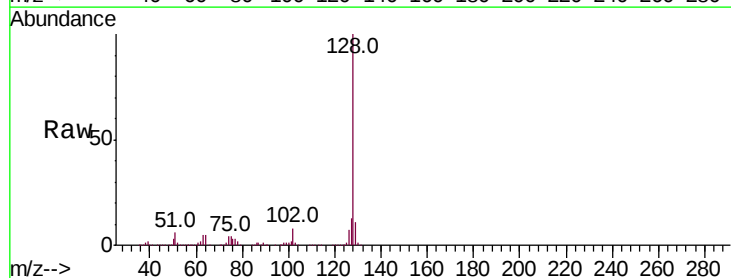
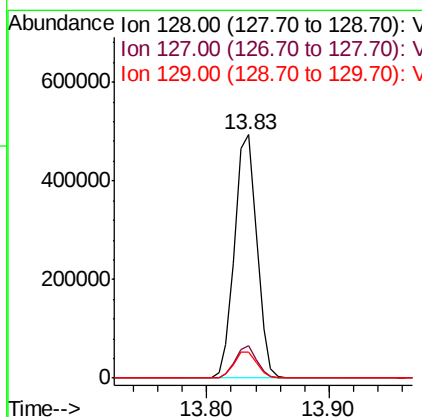
RT: 13.83 min Scan# 2080

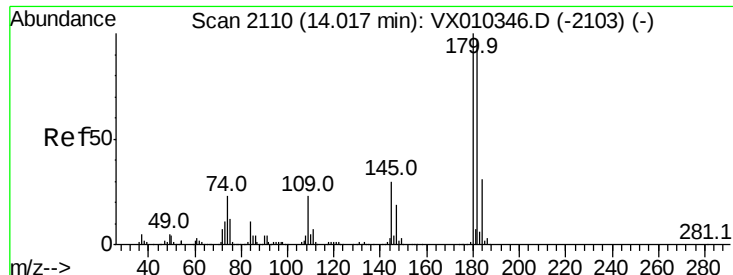
Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Tgt Ion:	128	Resp:	619152
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	11.0	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 47.464 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX010473.D
 Acq: 26 Jun 2019 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-GMW-5S-R-M24W1-061919MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.7	47.8	143.3
145	31.2	15.2	45.6

Manual Integrations
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