

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX031219\
 Data File : VX008032.D
 Acq On : 12 Mar 2019 22:20
 Operator : JC/SP
 Sample : K1828-09MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

Manual Integrations
 APPROVED

MMDadoda
 3/13/2019 10:14:04 AM

Quant Time: Mar 13 06:53:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	225379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	328912	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146582	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	116331	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
35) Dibromofluoromethane	5.50	113	103035	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.71	98	384763	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.13	95	135988	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	85552	44.430 ug/l	98
3) Chloromethane	1.33	50	116118	46.795 ug/l	98
4) Vinyl Chloride	1.41	62	119256	48.368 ug/l	99
5) Bromomethane	1.64	94	59793	51.715 ug/l	99
6) Chloroethane	1.72	64	72714	44.393 ug/l	99
7) Trichlorofluoromethane	1.93	101	151275	47.124 ug/l	99
8) Diethyl Ether	2.19	74	66905	48.130 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	89593	45.037 ug/l	98
10) Methyl Iodide	2.51	142	148832	52.737 ug/l	99
11) Tert butyl alcohol	3.07	59	129674	243.887 ug/l	100
12) 1,1-Dichloroethene	2.37	96	90389	47.138 ug/l	100
13) Acrolein	2.30	56	94532	313.778 ug/l	98
14) Allyl chloride	2.73	41	179798	44.622 ug/l	99
15) Acrylonitrile	3.15	53	316460	235.803 ug/l	100
16) Acetone	2.45	43	261515	190.036 ug/l	100
17) Carbon Disulfide	2.57	76	265539	45.561 ug/l	99
18) Methyl Acetate	2.78	43	131033	44.820 ug/l	99
19) Methyl tert-butyl Ether	3.20	73	323677	49.065 ug/l	100
20) Methylene Chloride	2.86	84	104033	47.501 ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	97342	46.135 ug/l	98
22) Diisopropyl ether	3.87	45	349988	47.384 ug/l	98
23) Vinyl Acetate	3.82	43	1303734	201.281 ug/l	99
24) 1,1-Dichloroethane	3.70	63	189833	47.758 ug/l	100
25) 2-Butanone	4.70	43	435885	223.732 ug/l	99
26) 2,2-Dichloropropane	4.59	77	111772	42.444 ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	115114	47.679 ug/l	97
28) Bromochloromethane	5.02	49	90603	48.892 ug/l	98
29) Tetrahydrofuran	5.15	42	292516	240.705 ug/l	99
30) Chloroform	5.21	83	183650	48.843 ug/l	99
31) Cyclohexane	5.57	56	165939	45.423 ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	154848	49.636 ug/l	98
36) 1,1-Dichloropropene	5.80	75	137744	46.250 ug/l	100
37) Ethyl Acetate	4.85	43	146355	41.410 ug/l	99
38) Carbon Tetrachloride	5.78	117	135714	47.999 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	164224	45.507	ug/l	99
40) Benzene	6.14	78	428582	48.338	ug/l	100
41) Methacrylonitrile	5.06	41	93717	48.637	ug/l	99
42) 1,2-Dichloroethane	6.20	62	139287	48.037	ug/l	100
43) Isopropyl Acetate	6.46	43	234884	44.906	ug/l	99
44) Trichloroethene	7.21	130	118605	48.541	ug/l	99
45) 1,2-Dichloropropane	7.52	63	114965	49.093	ug/l	99
46) Dibromomethane	7.66	93	71835	48.472	ug/l	99
47) Bromodichloromethane	7.90	83	137004	48.760	ug/l	98
48) Methyl methacrylate	7.77	41	134334	48.848	ug/l	99
49) 1,4-Dioxane	7.75	88	56244	995.620	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	828930	246.427	ug/l	99
52) Toluene	8.78	92	267235	49.368	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	147043	50.139	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	162129	48.956	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	110923	50.620	ug/l	99
56) Ethyl methacrylate	9.18	69	167091	50.786	ug/l	98
57) 1,3-Dichloropropane	9.37	76	182222	49.526	ug/l	100
59) 2-Hexanone	9.49	43	617148	236.312	ug/l	100
60) Dibromochloromethane	9.59	129	114273	49.892	ug/l	99
61) 1,2-Dibromoethane	9.67	107	116395	50.029	ug/l	100
64) Tetrachloroethene	9.34	164	115339	47.162	ug/l	99
65) Chlorobenzene	10.14	112	295152	47.794	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	108821	49.167	ug/l	99
67) Ethyl Benzene	10.25	91	496685	48.860	ug/l	100
68) m/p-Xylenes	10.36	106	382262	97.557	ug/l	100
69) o-Xylene	10.70	106	184419	48.750	ug/l	100
70) Styrene	10.71	104	301777	48.750	ug/l	99
71) Bromoform	10.86	173	91003	47.878	ug/l #	100
73) Isopropylbenzene	11.02	105	494085	49.839	ug/l	100
74) N-amyl acetate	10.90	43	184355	40.734	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	161215	47.145	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	155044m	50.406	ug/l	
77) Bromobenzene	11.26	156	131937	48.543	ug/l	98
78) n-propylbenzene	11.36	91	545649	49.614	ug/l	100
79) 2-Chlorotoluene	11.42	91	327003	48.629	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	410269	50.282	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46074	47.880	ug/l	99
82) 4-Chlorotoluene	11.51	91	373683	48.492	ug/l	100
83) tert-Butylbenzene	11.77	119	410903	49.995	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	421059	50.339	ug/l	100
85) sec-Butylbenzene	11.94	105	481987	49.793	ug/l	99
86) p-Isopropyltoluene	12.06	119	436878	50.395	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	231518	48.148	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	231664	47.045	ug/l	100
89) n-Butylbenzene	12.38	91	360411	49.072	ug/l	99
90) Hexachloroethane	12.60	117	70815	48.857	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	229325	48.008	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	33421	46.765	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	160798	47.918	ug/l	100

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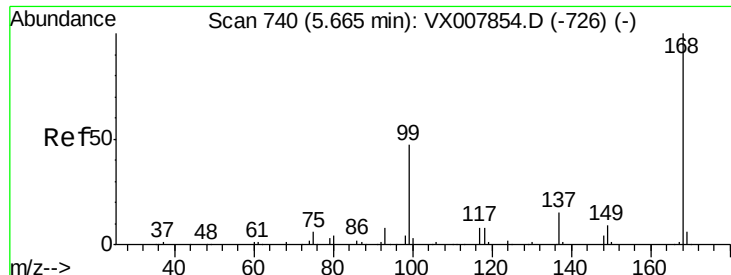
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	86228	49.148	ug/l	99
95) Naphthalene	13.83	128	484312	50.090	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	162874	48.723	ug/l	100

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



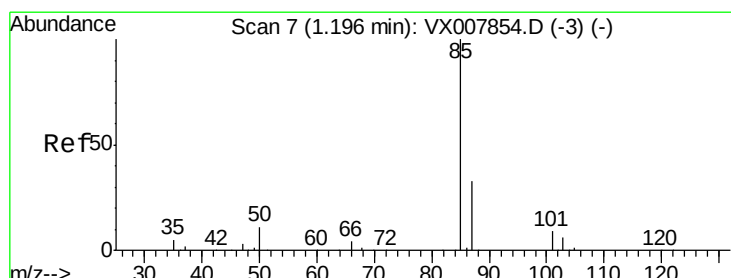
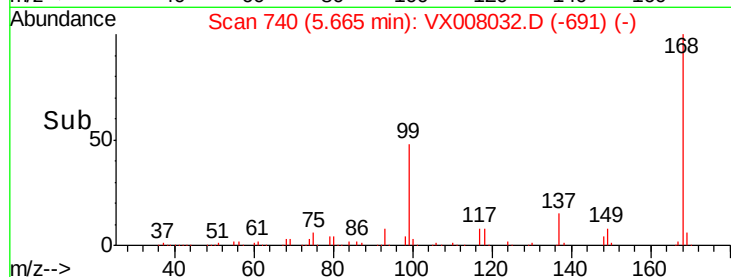
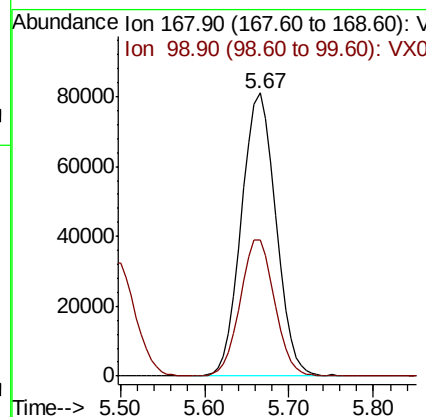
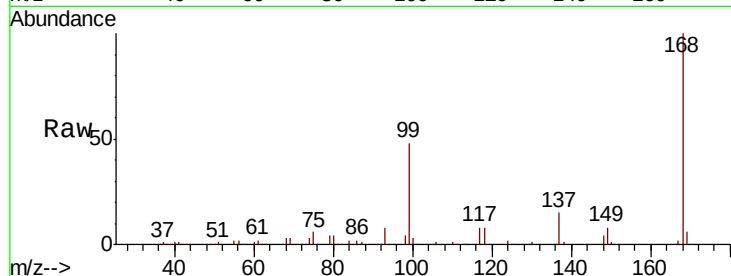
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

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MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

Tgt Ion:168 Resp: 225379
Ion Ratio Lower Upper
168 100
99 48.0 37.6 56.4

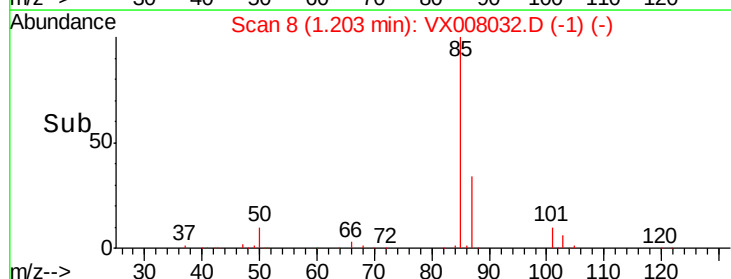
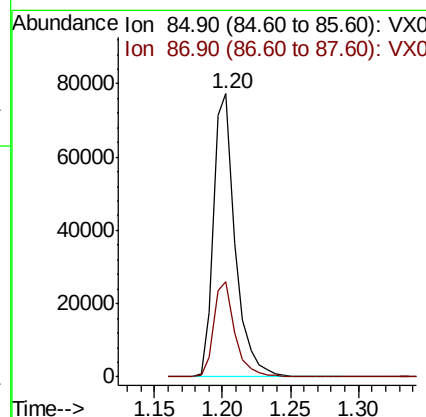
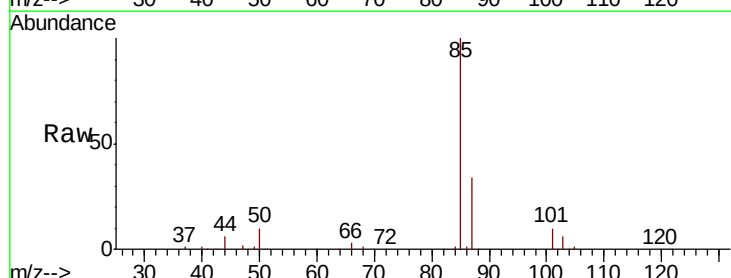
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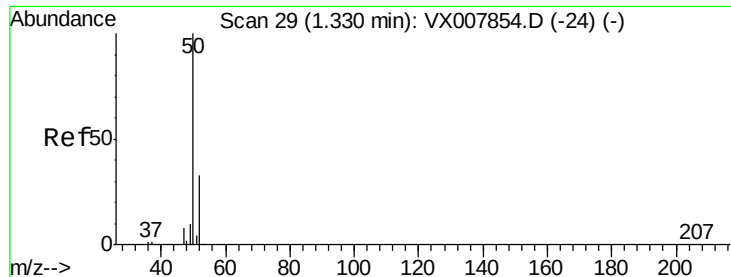
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#2
Dichlorodifluoromethane
Concen: 44.430 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion: 85 Resp: 85552
Ion Ratio Lower Upper
85 100
87 33.7 16.4 49.1





#3

Chloromethane

Concen: 46.795 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

Tgt Ion: 50 Resp: 116118

Ion Ratio Lower Upper

50 100

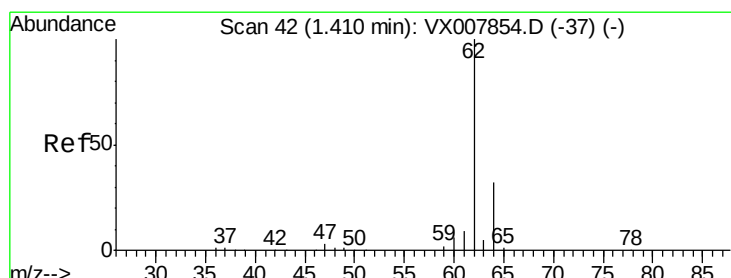
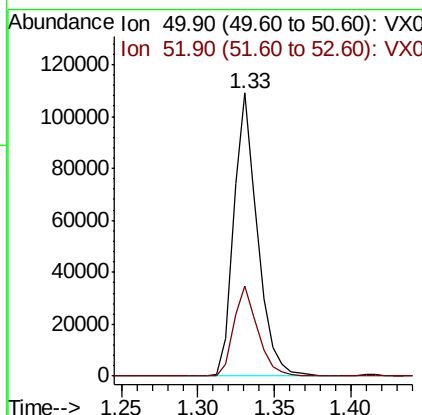
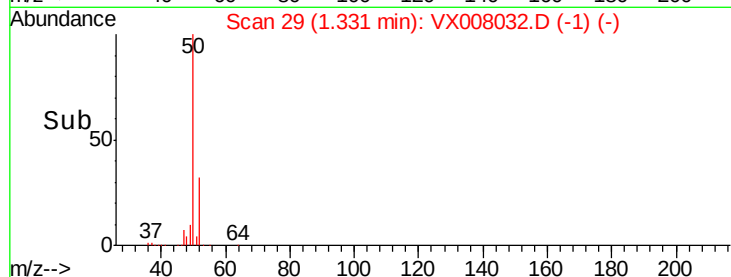
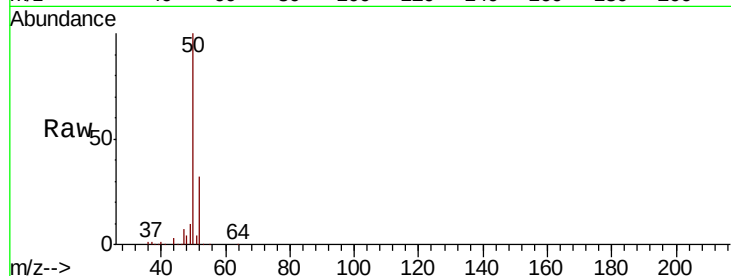
52 32.0 26.5 39.7

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#4

Vinyl Chloride

Concen: 48.368 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008032.D

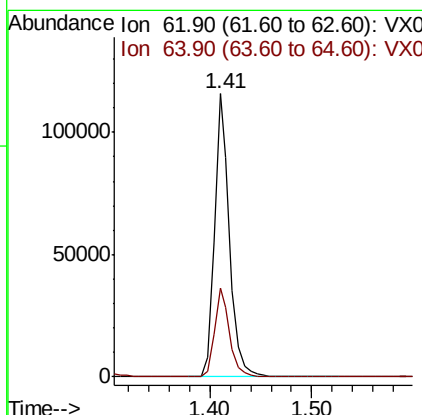
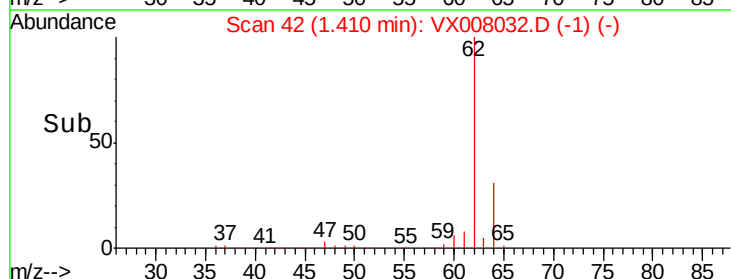
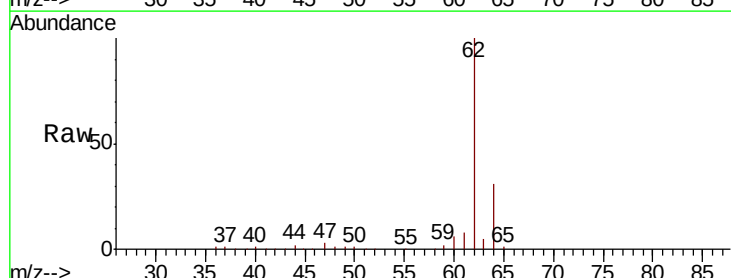
Acq: 12 Mar 2019 22:20

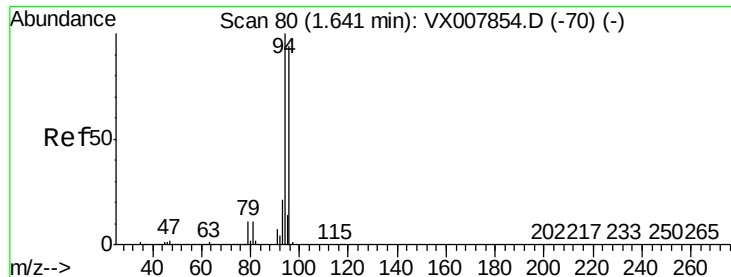
Tgt Ion: 62 Resp: 119256

Ion Ratio Lower Upper

62 100

64 31.1 25.3 37.9





#5

Bromomethane

Concen: 51.715 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

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Tgt Ion: 94 Resp: 59793

Ion Ratio Lower Upper

94 100

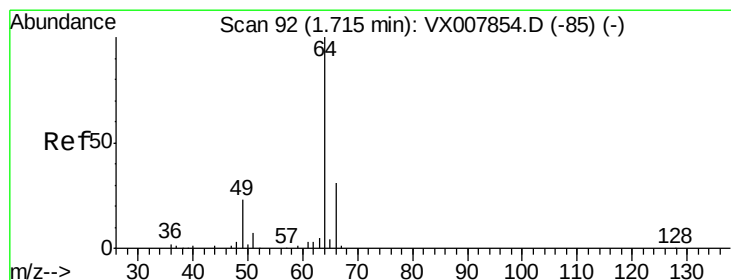
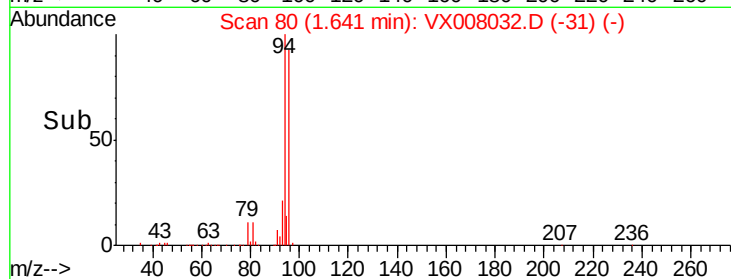
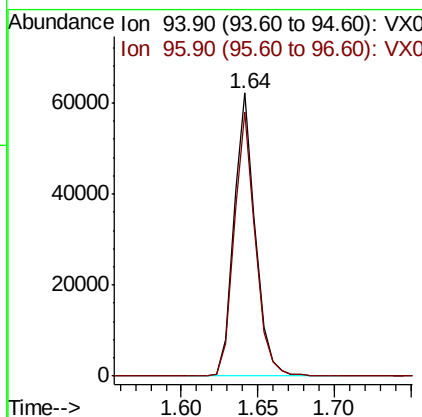
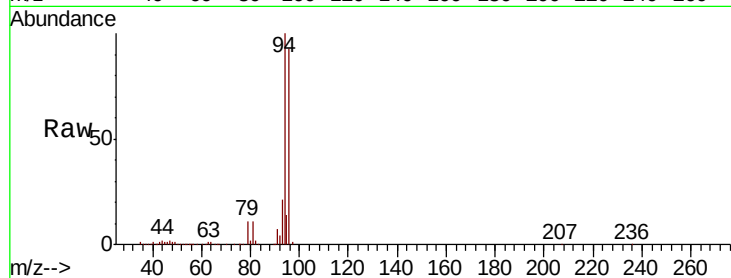
96 93.4 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 44.393 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008032.D

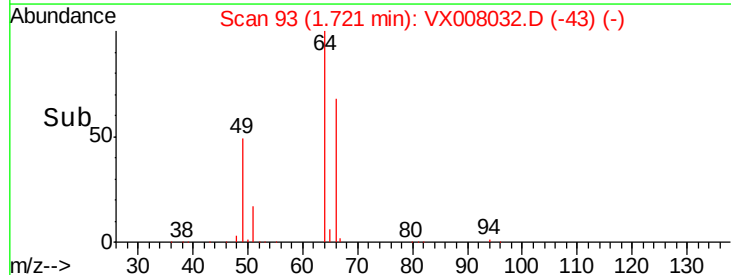
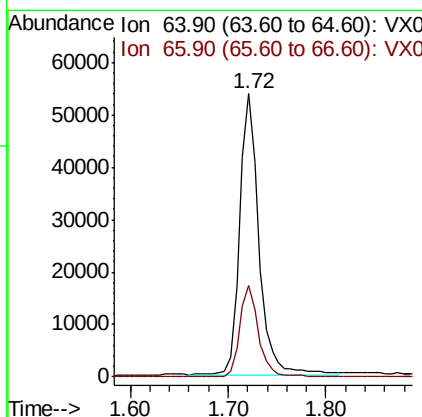
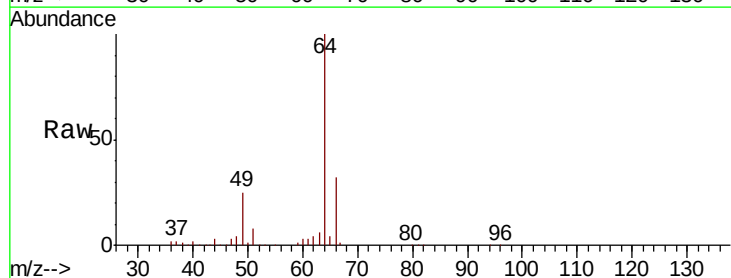
Acq: 12 Mar 2019 22:20

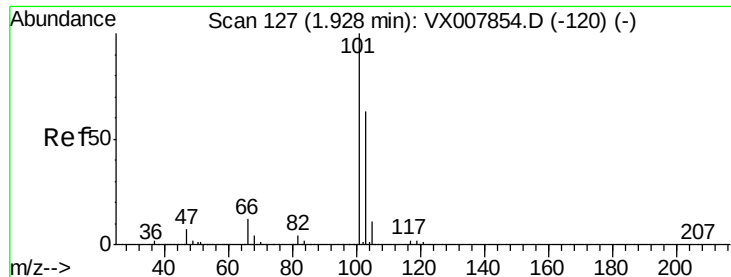
Tgt Ion: 64 Resp: 72714

Ion Ratio Lower Upper

64 100

66 32.3 25.2 37.8





#7

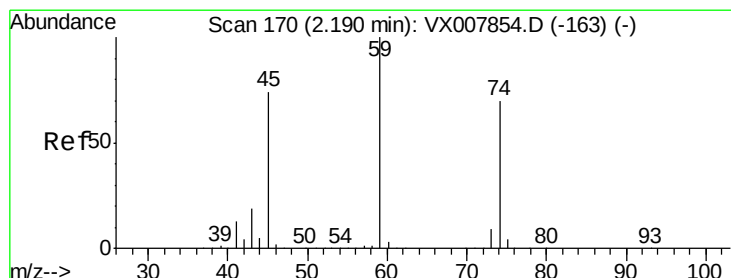
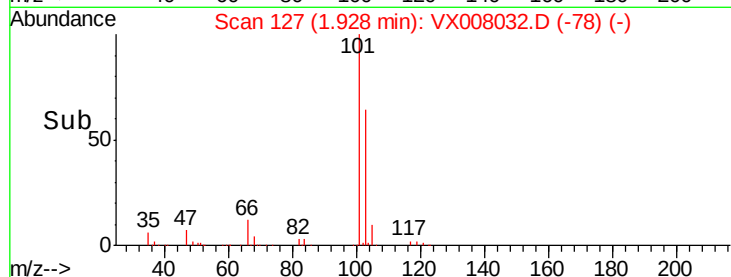
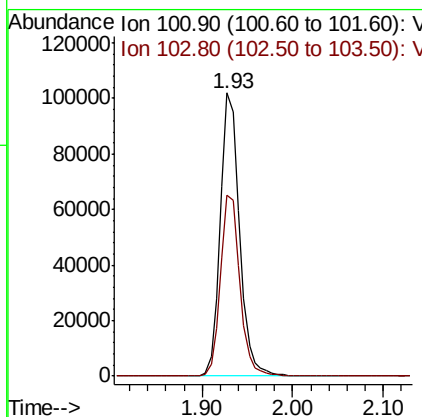
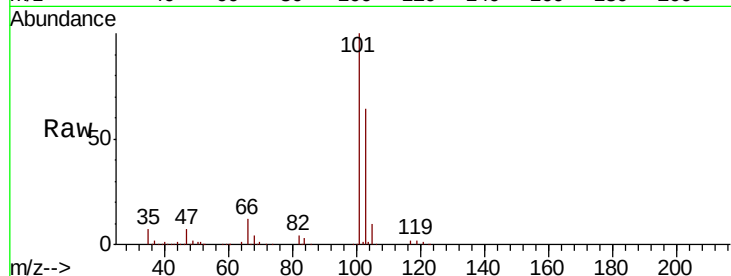
Trichlorofluoromethane
 Concen: 47.124 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

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Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.1	50.4	75.6

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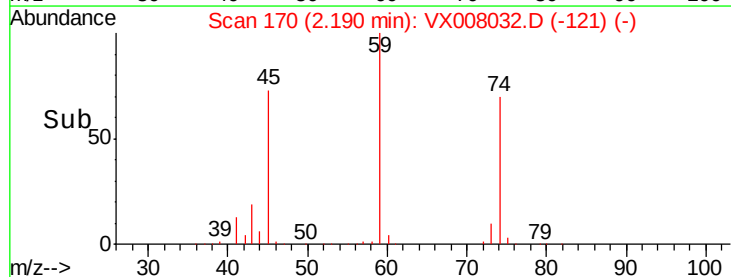
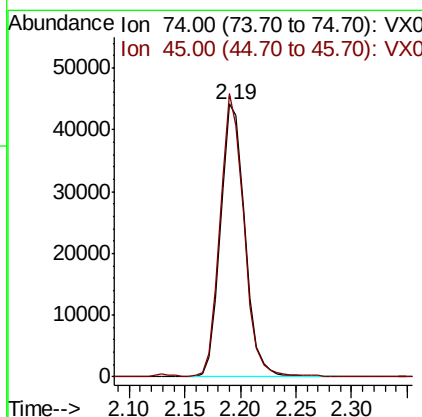
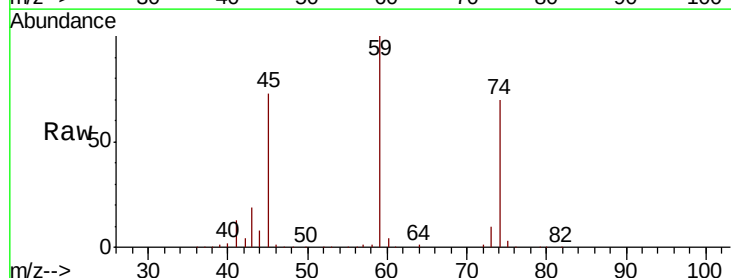
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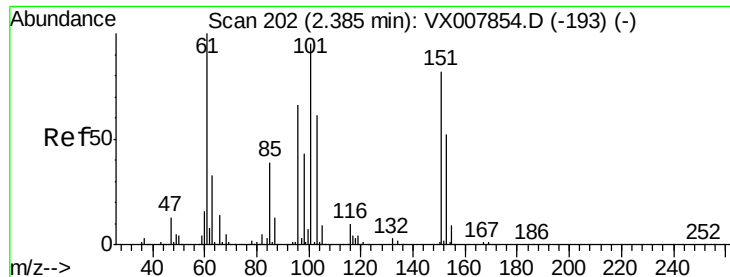


#8

Diethyl Ether
 Concen: 48.130 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.6	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.037 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

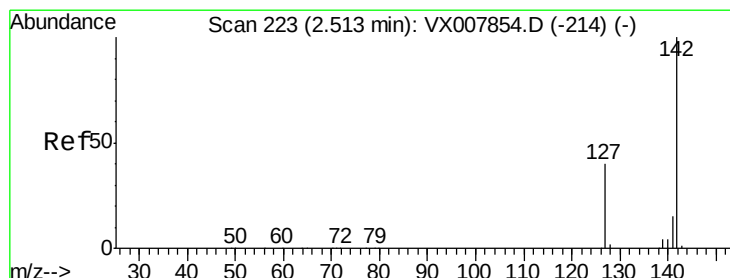
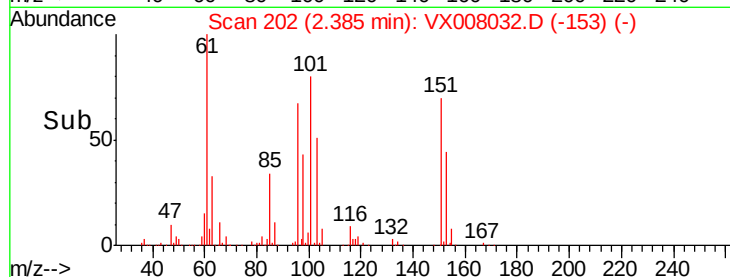
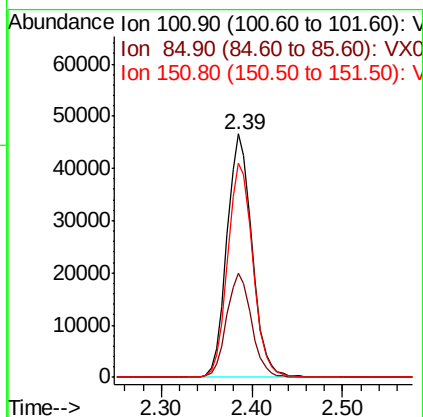
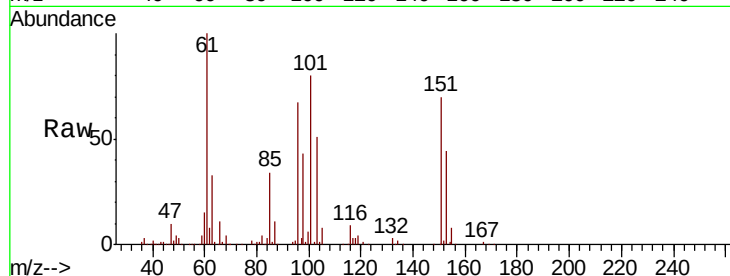
ClientSampleId :

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Tgt Ion:	101	Resp:	89593
Ion Ratio	Lower	Upper	
101	100		
85	42.3	33.8	50.6
151	88.4	69.1	103.7

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#10

Methyl Iodide

Concen: 52.737 ug/l

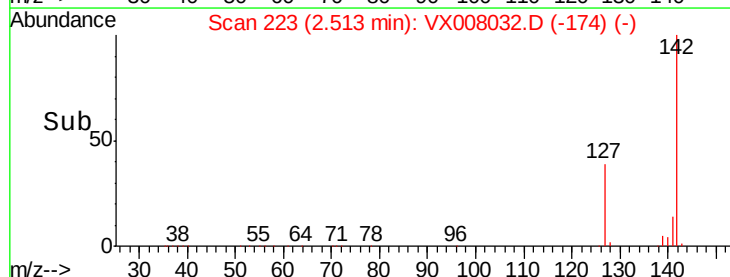
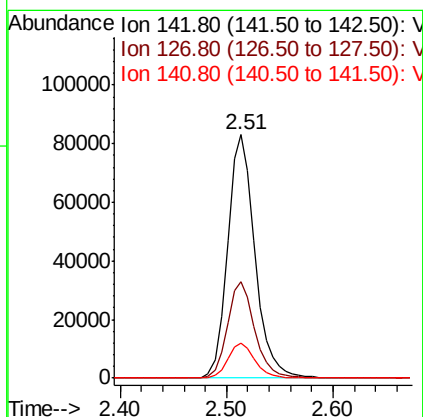
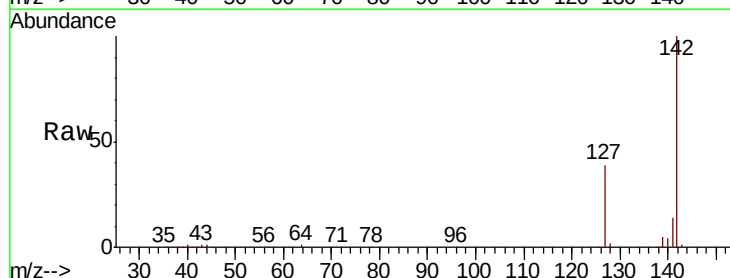
RT: 2.51 min Scan# 223

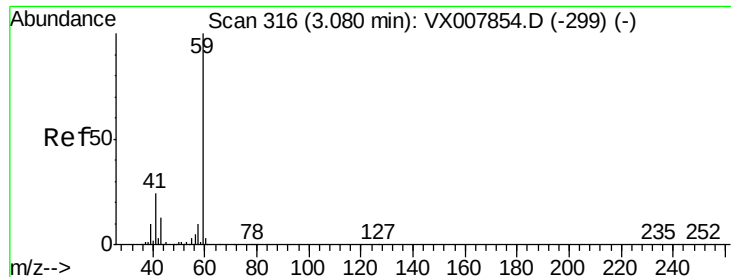
Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Tgt Ion:	142	Resp:	148832
Ion Ratio	Lower	Upper	
142	100		
127	39.6	32.1	48.1
141	14.5	11.4	17.2





#11

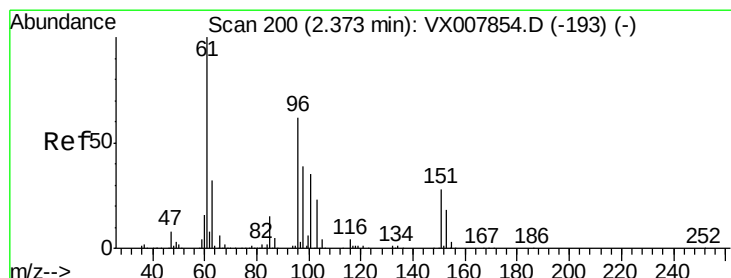
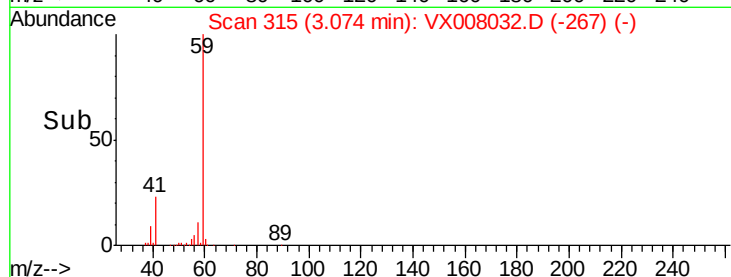
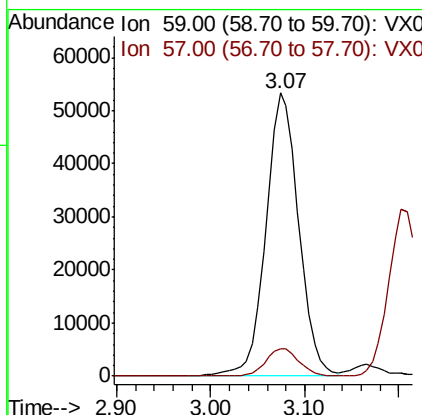
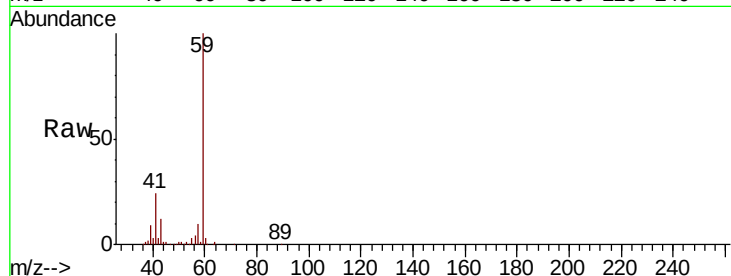
Tert butyl alcohol
Concen: 243.887 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

Tgt Ion: 59 Resp: 129674
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2

Manual Integrations
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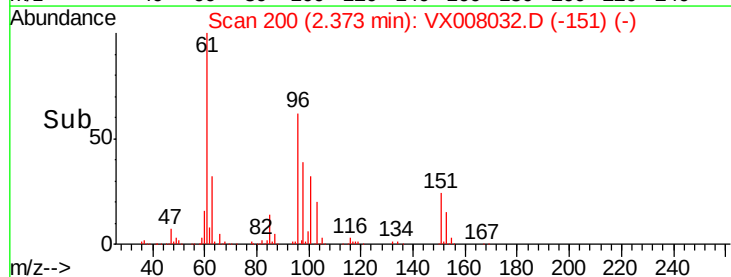
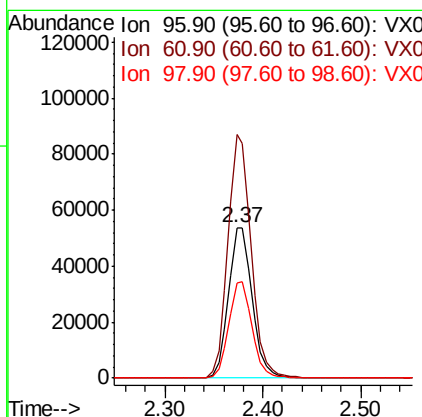
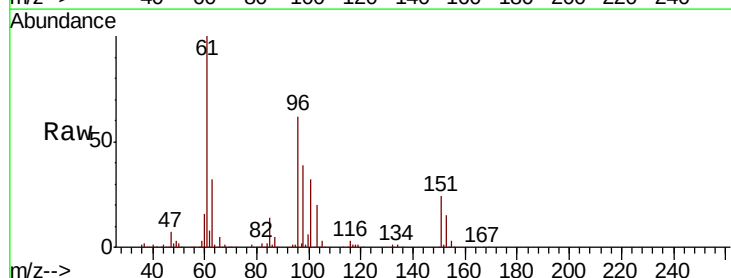
MMDadoda
3/13/2019 10:14:04 AM

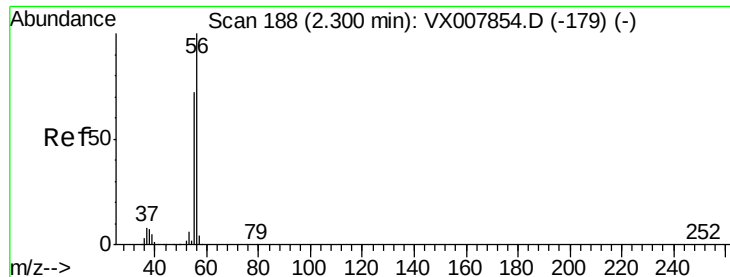


#12

1,1-Dichloroethene
Concen: 47.138 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion: 96 Resp: 90389
Ion Ratio Lower Upper
96 100
61 161.9 129.8 194.6
98 63.5 51.0 76.6





#13

Acrolein

Concen: 313.778 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

Tgt Ion: 56 Resp: 94532

Ion Ratio Lower Upper

56 100

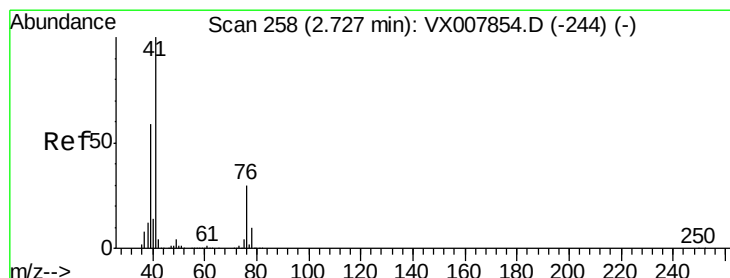
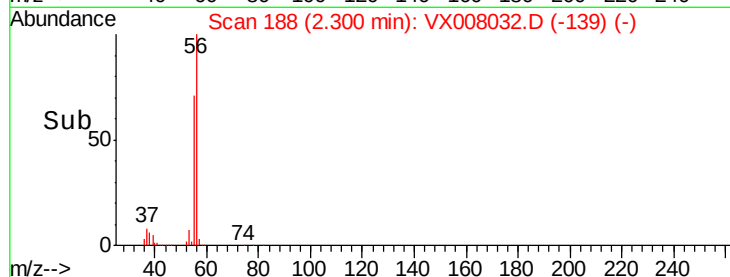
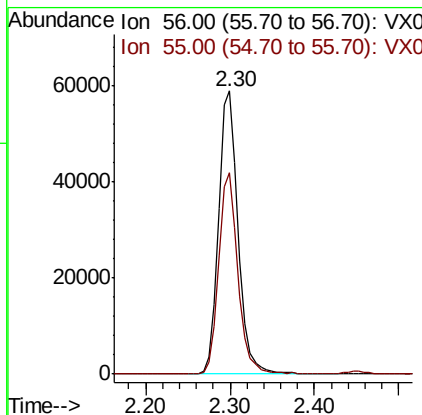
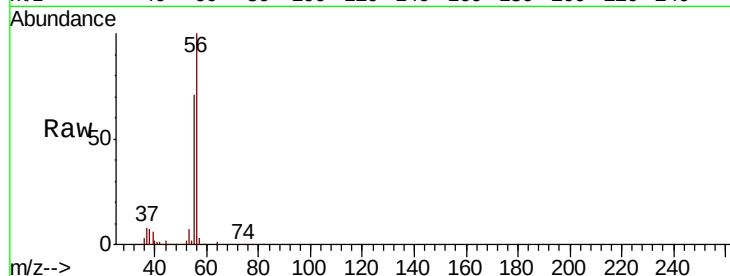
55 70.3 57.8 86.6

Manual Integrations

APPROVED

MMDadoda

3/13/2019 10:14:04 AM



#14

Allyl chloride

Concen: 44.622 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

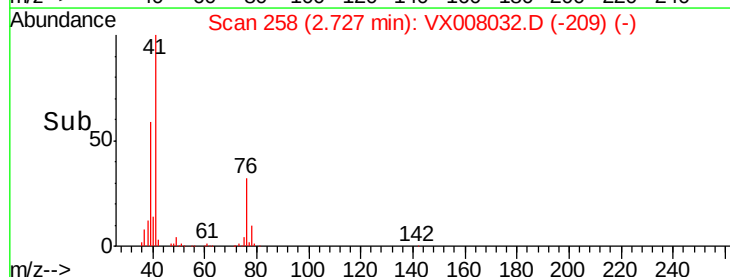
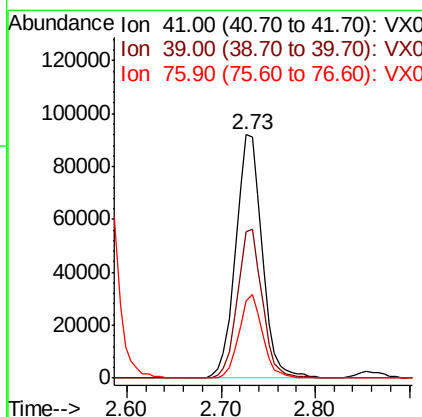
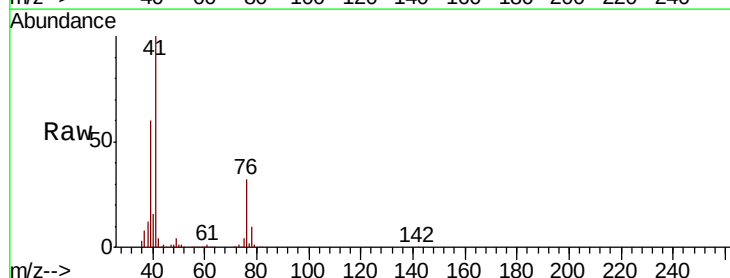
Tgt Ion: 41 Resp: 179798

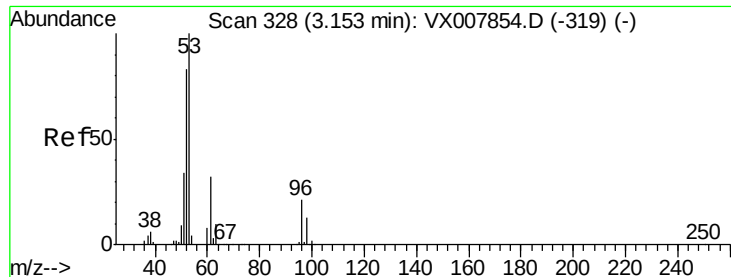
Ion Ratio Lower Upper

41 100

39 58.2 46.1 69.1

76 30.9 24.0 36.0





#15

Acrylonitrile

Concen: 235.803 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

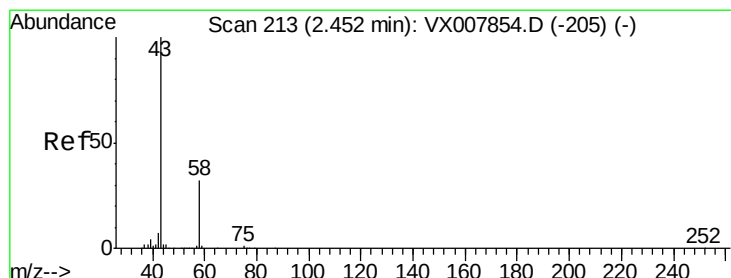
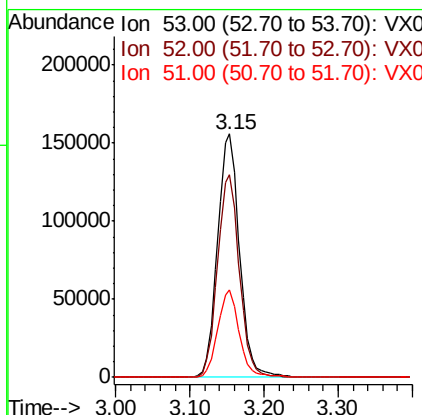
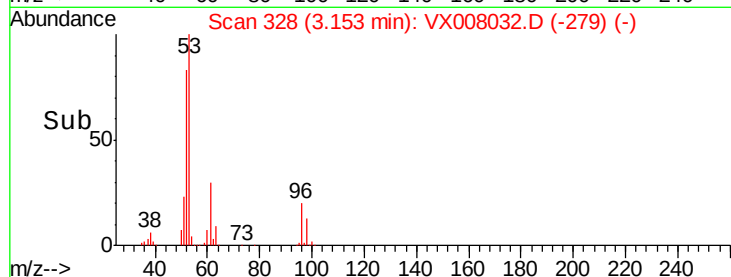
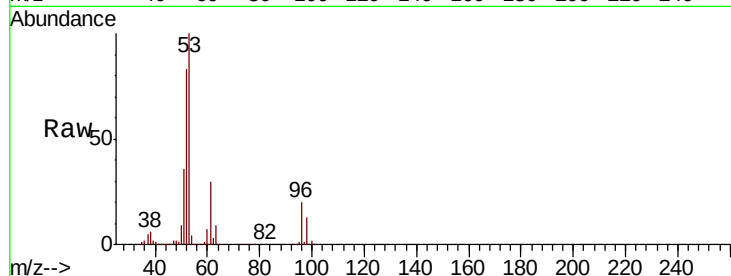
ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

Tgt Ion:	53	Resp:	316460
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.0	99.0
51	35.3	28.0	42.0

Manual Integrations
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MMDadoda
3/13/2019 10:14:04 AM



#16

Acetone

Concen: 190.036 ug/l

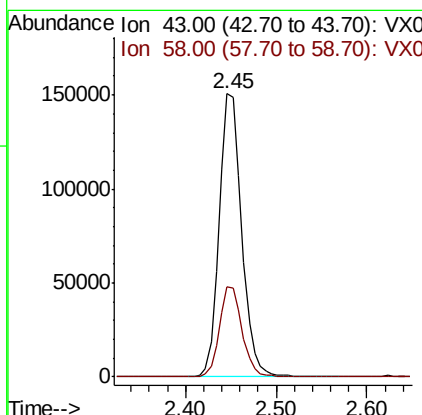
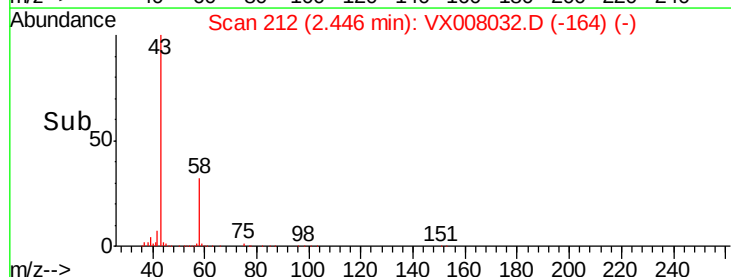
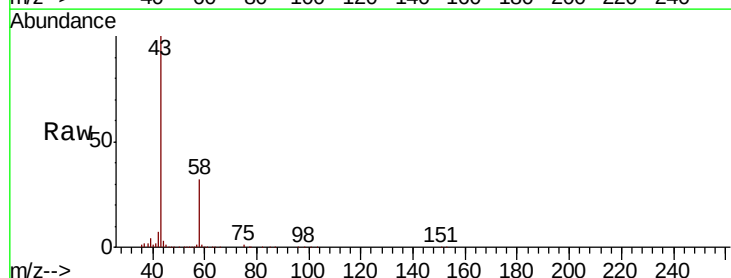
RT: 2.45 min Scan# 212

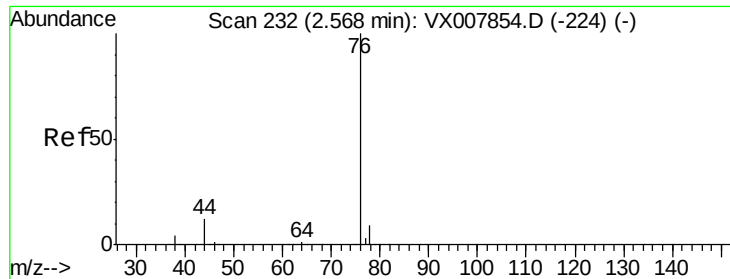
Delta R.T. -0.01 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Tgt Ion:	43	Resp:	261515
Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.5	38.3





#17

Carbon Disulfide

Concen: 45.561 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

Tgt Ion: 76 Resp: 265539

Ion Ratio Lower Upper

76 100

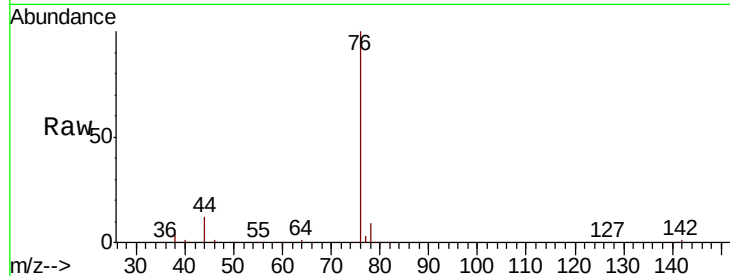
78 9.2 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

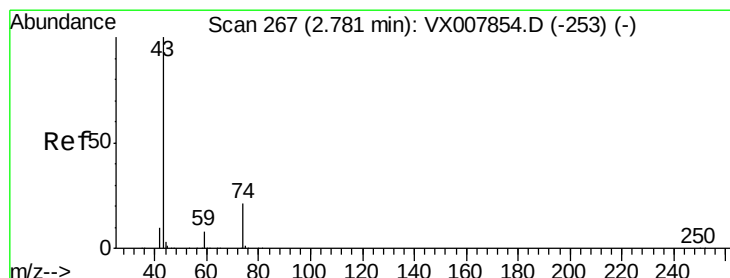
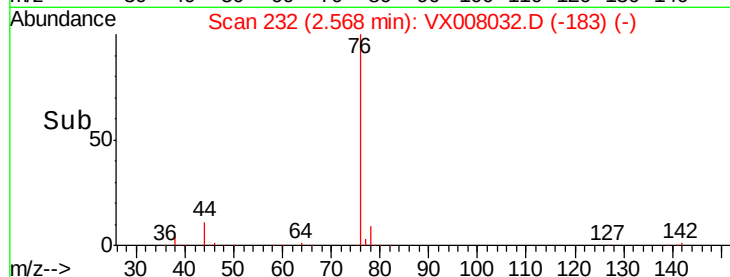
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 44.820 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX008032.D

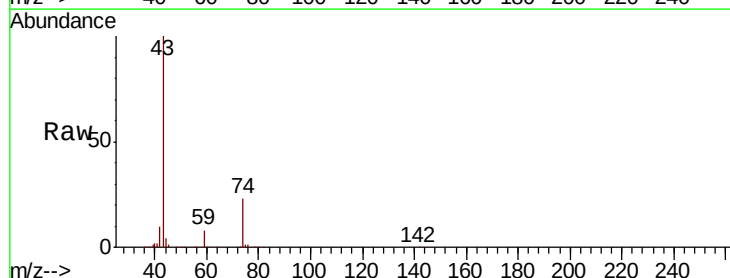
Acq: 12 Mar 2019 22:20

Tgt Ion: 43 Resp: 131033

Ion Ratio Lower Upper

43 100

74 22.9 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

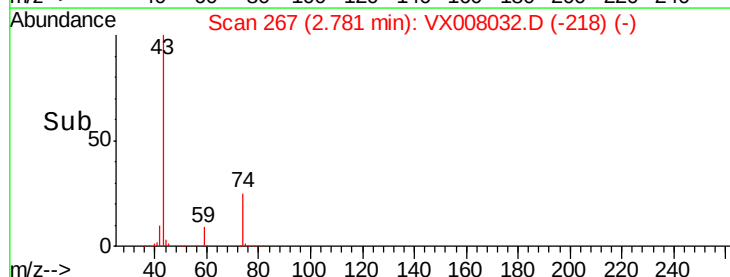
60000

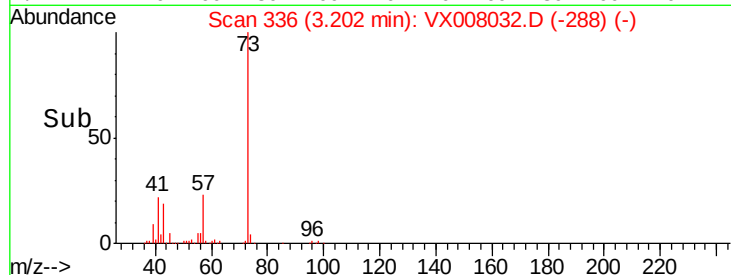
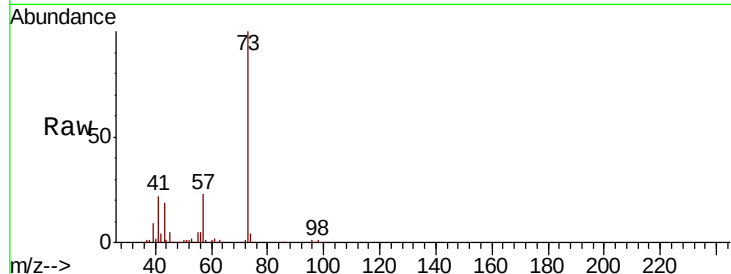
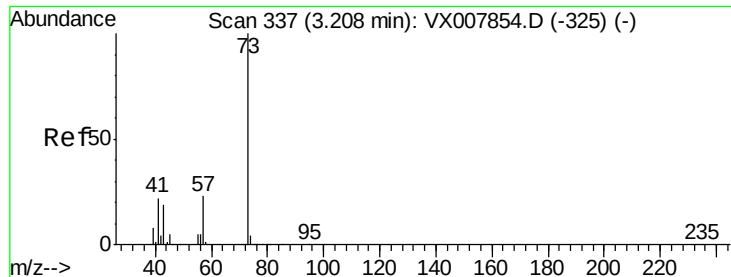
40000

20000

0

Time-->





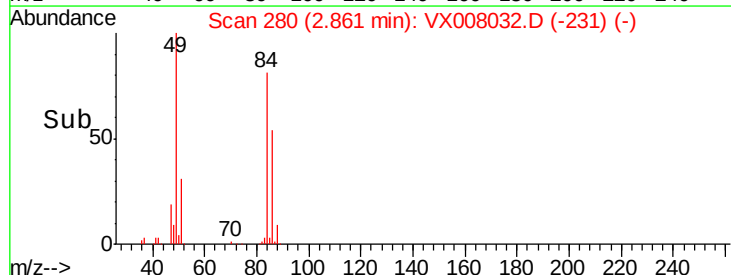
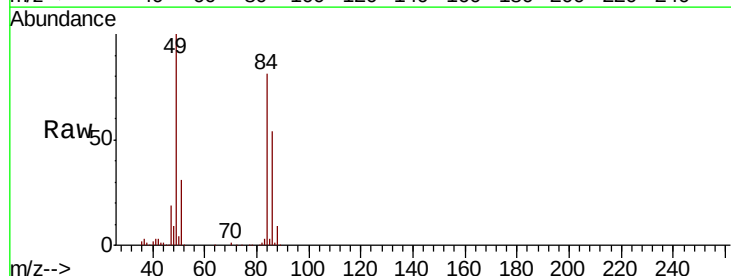
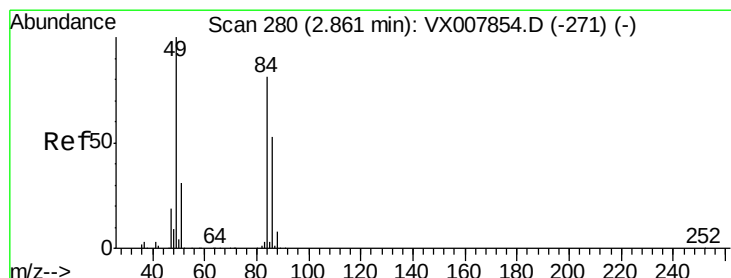
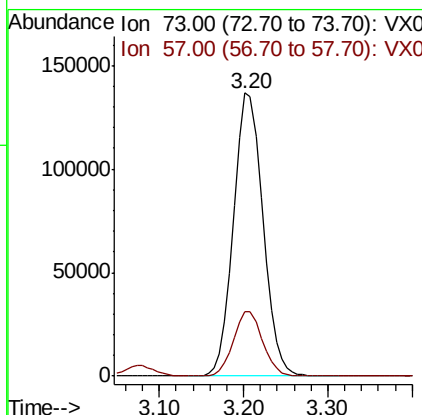
#19
Methyl tert-butyl Ether
Concen: 49.065 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion	Ratio	Lower	Upper
73	100		
57	23.0	18.2	27.4

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

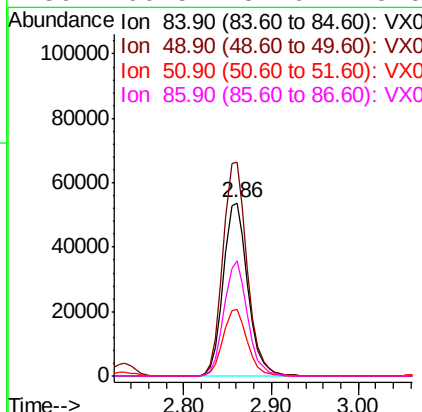
Manual Integrations
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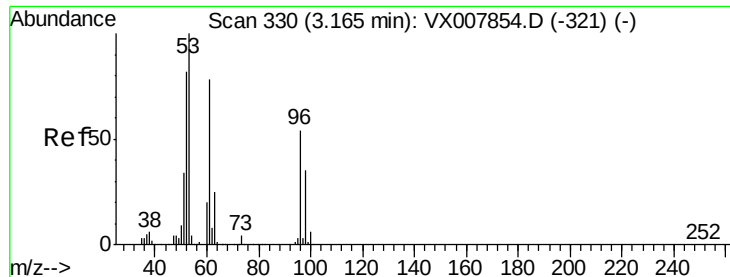
MMDadoda
3/13/2019 10:14:04 AM



#20
Methylene Chloride
Concen: 47.501 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.4	99.3	148.9
51	38.6	31.3	46.9
86	66.5	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 46.135 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

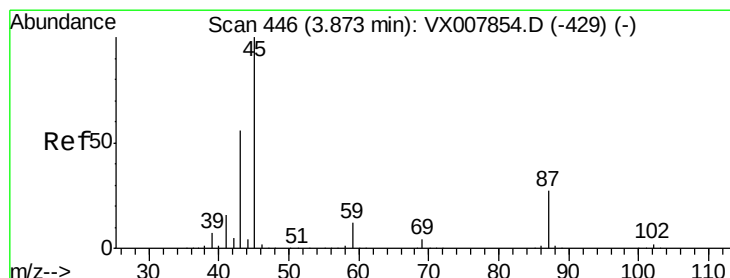
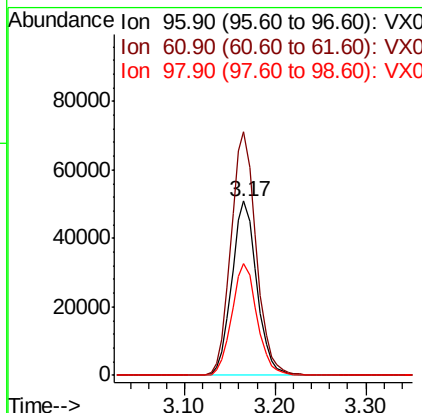
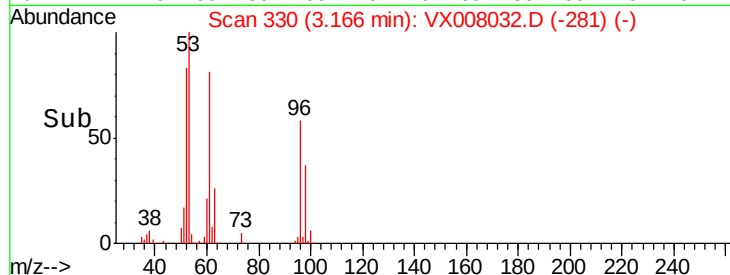
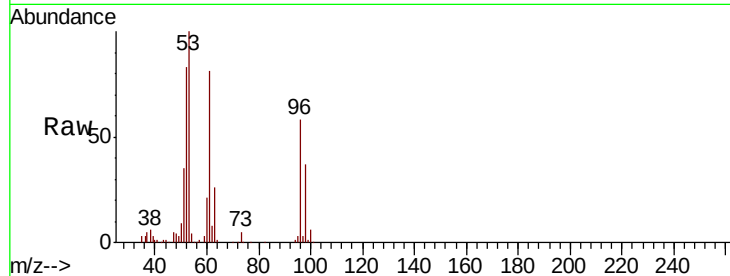
ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

Tgt Ion:	96	Resp:	97342
Ion Ratio	Lower	Upper	
96	100		
61	139.8	114.4	171.6
98	63.9	51.1	76.7

Manual Integrations
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MMDadoda
3/13/2019 10:14:04 AM



#22

Diisopropyl ether

Concen: 47.384 ug/l

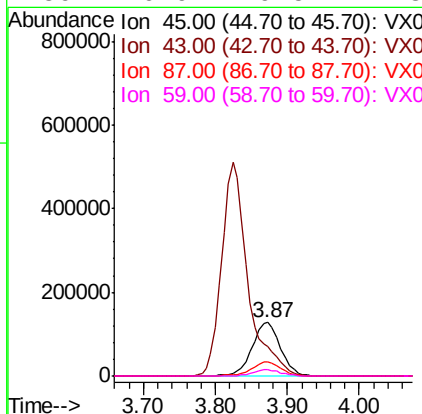
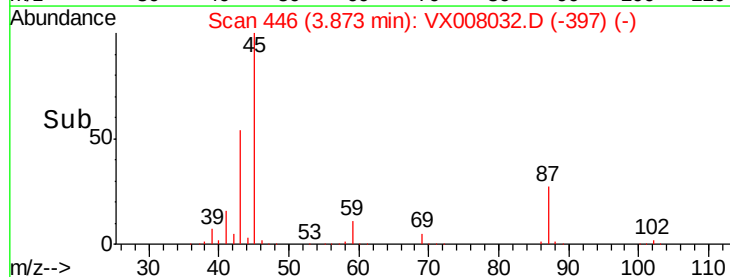
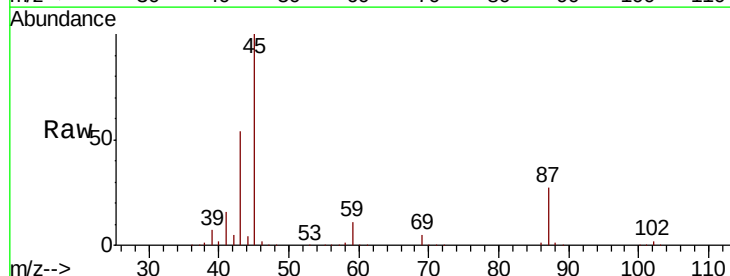
RT: 3.87 min Scan# 446

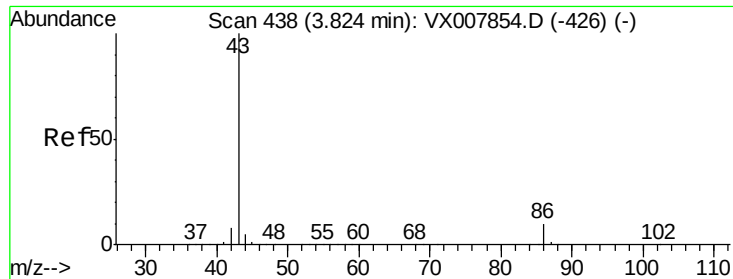
Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Tgt Ion:	45	Resp:	349988
Ion Ratio	Lower	Upper	
45	100		
43	54.2	45.3	67.9
87	27.0	21.4	32.0
59	10.9	9.5	14.3





#23

Vinyl Acetate

Concen: 201.281 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

Tgt Ion: 43 Resp: 1303734

Ion Ratio Lower Upper

43 100

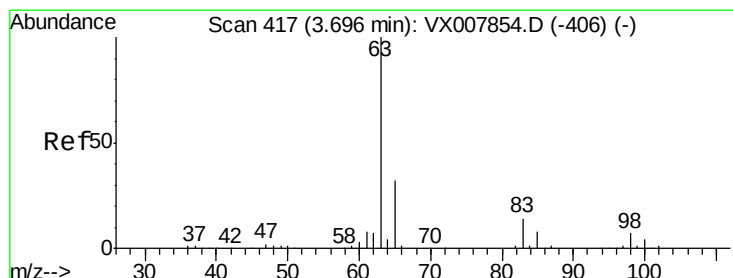
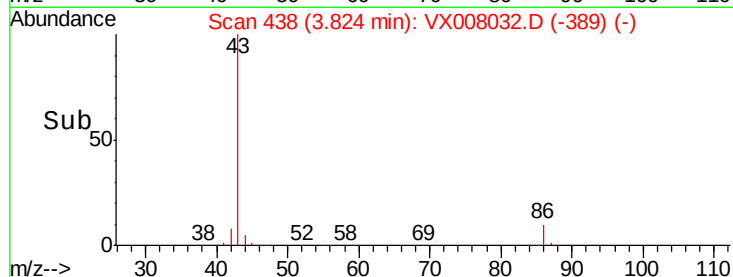
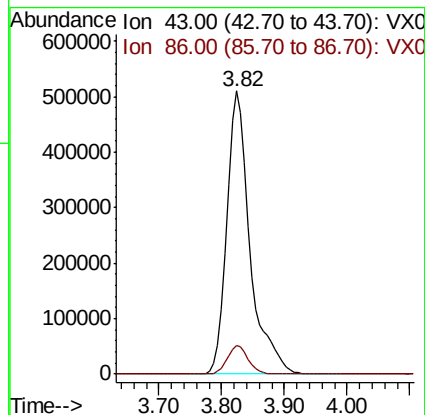
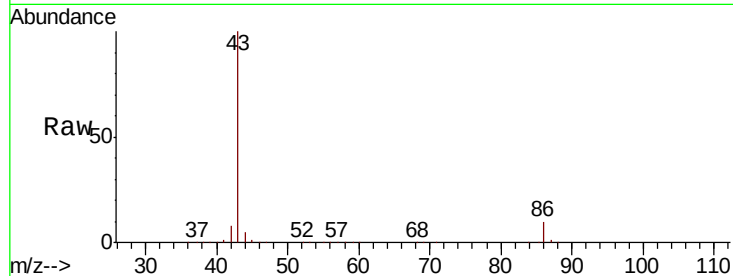
86 10.1 7.9 11.9

Manual Integrations

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MMDadoda

3/13/2019 10:14:04 AM



#24

1,1-Dichloroethane

Concen: 47.758 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

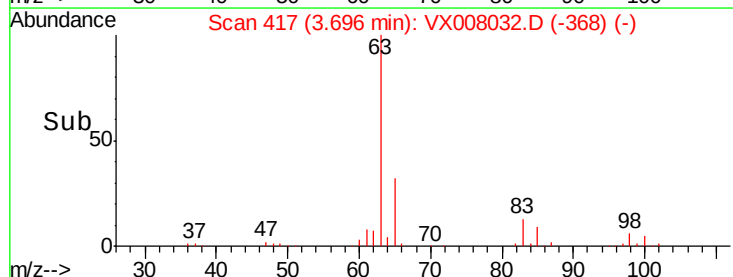
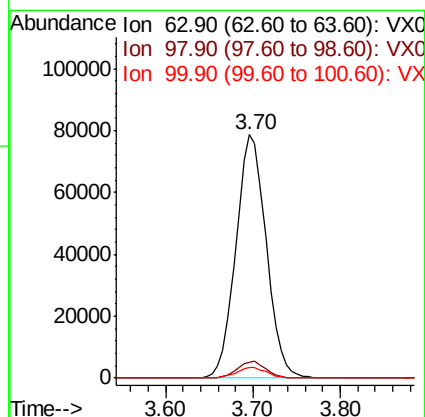
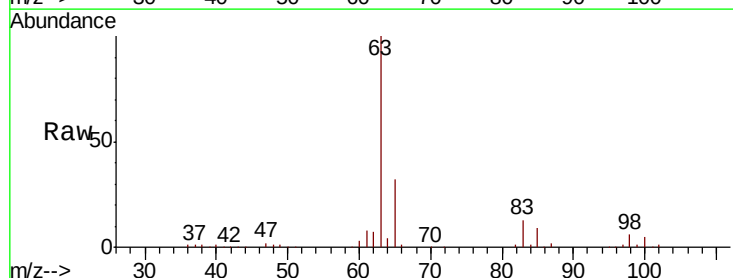
Tgt Ion: 63 Resp: 189833

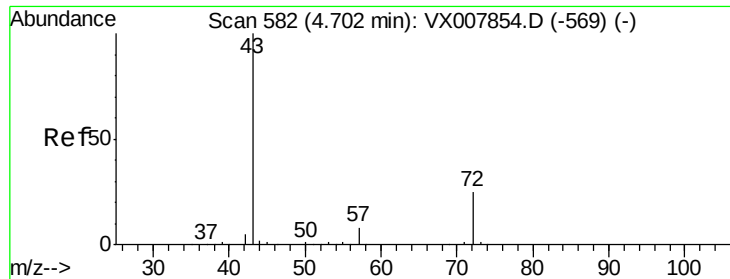
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 223.732 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

Tgt Ion: 43 Resp: 435885

Ion Ratio Lower Upper

43 100

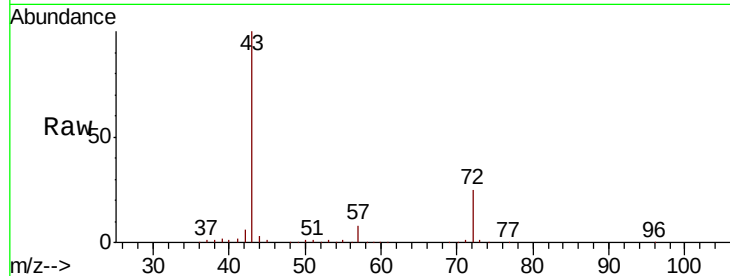
72 25.2 19.9 29.9

Manual Integrations

APPROVED

MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

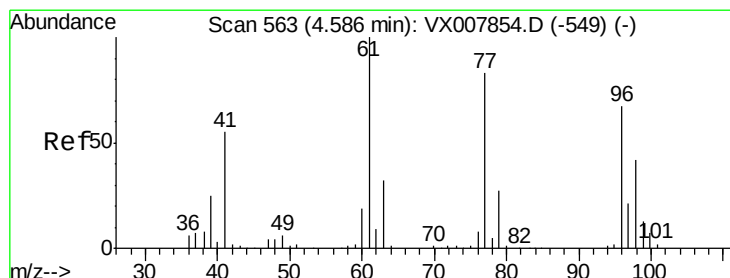
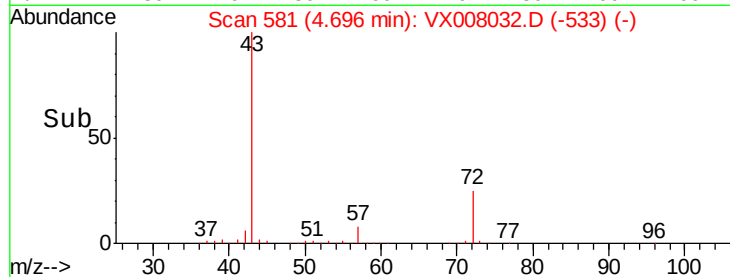
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 42.444 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008032.D

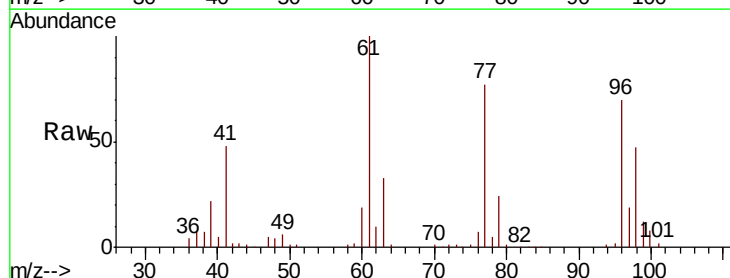
Acq: 12 Mar 2019 22:20

Tgt Ion: 77 Resp: 111772

Ion Ratio Lower Upper

77 100

97 25.2 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

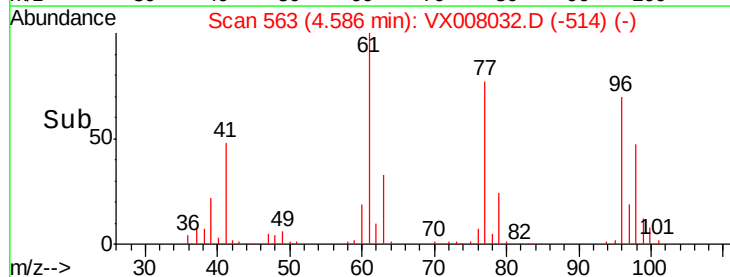
20000

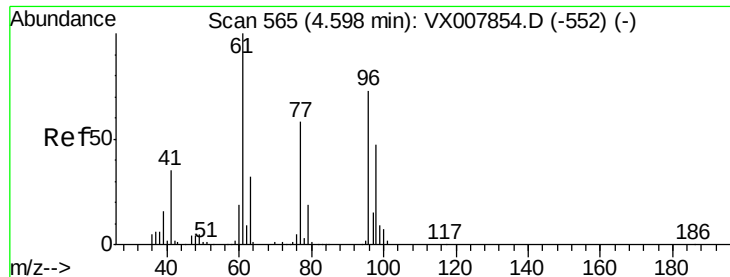
10000

0

4.40 4.50 4.60 4.70 4.80

Time-->





#27

cis-1,2-Dichloroethene

Concen: 47.679 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

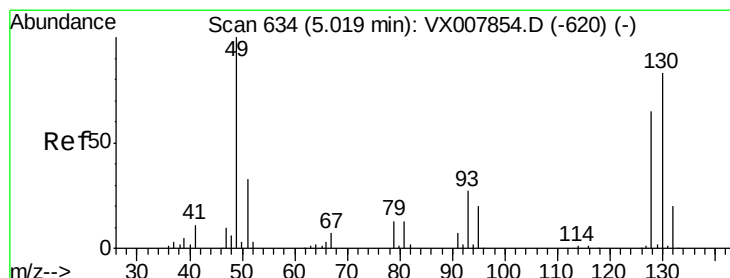
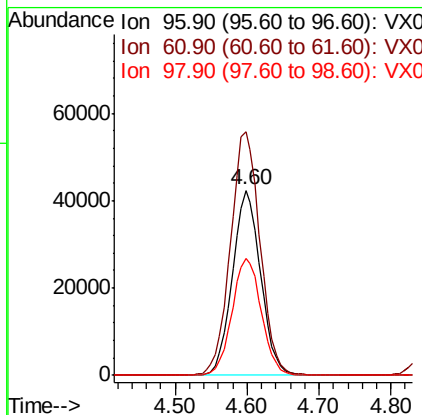
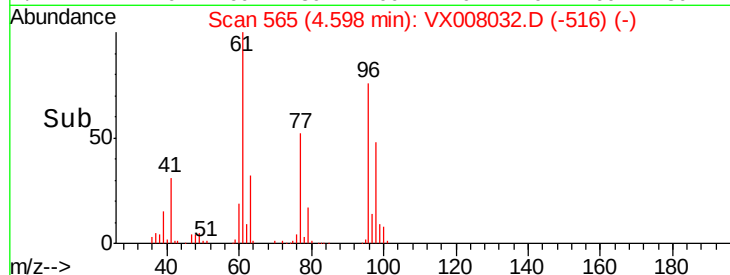
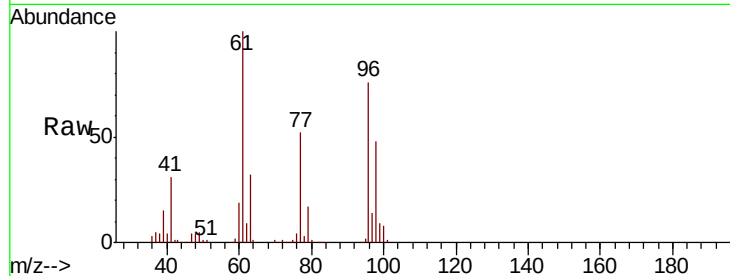
ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

Tgt Ion:	96	Resp:	115114
Ion	Ratio	Lower	Upper
96	100		
61	138.6	0.0	288.0
98	65.6	0.0	129.0

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#28

Bromochloromethane

Concen: 48.892 ug/l

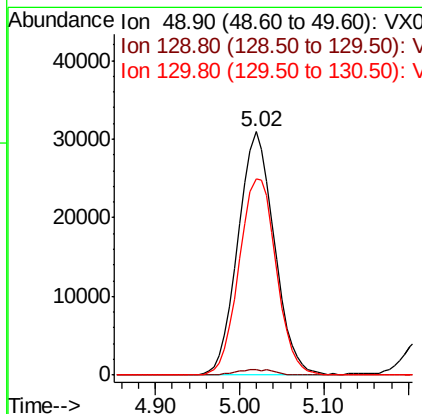
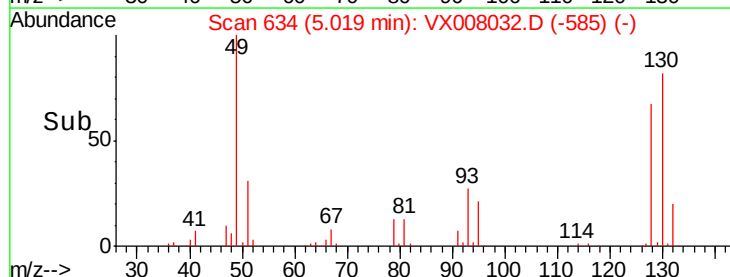
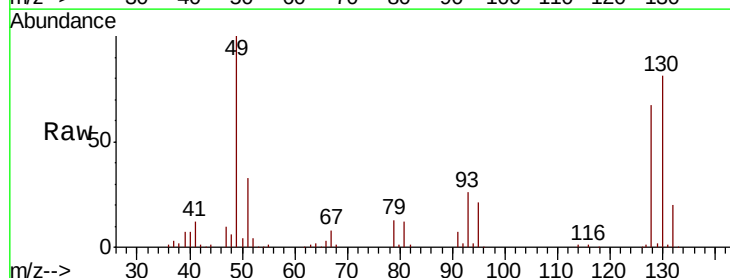
RT: 5.02 min Scan# 634

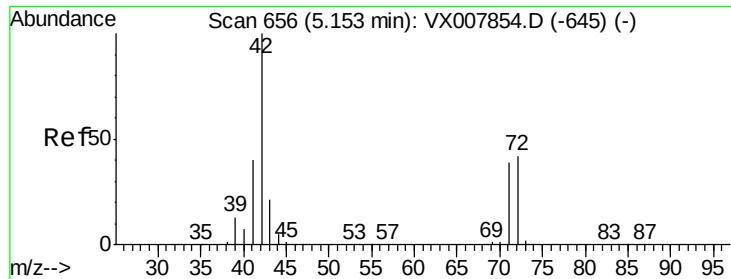
Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Tgt Ion:	49	Resp:	90603
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.0
130	82.7	65.0	97.4





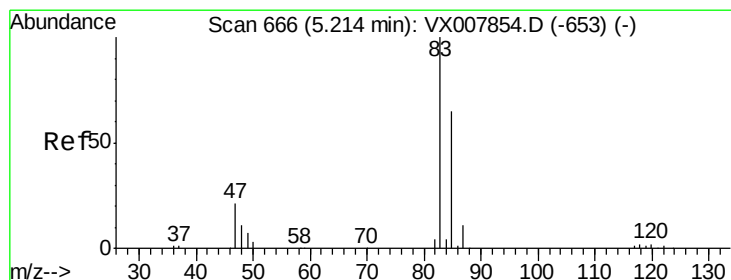
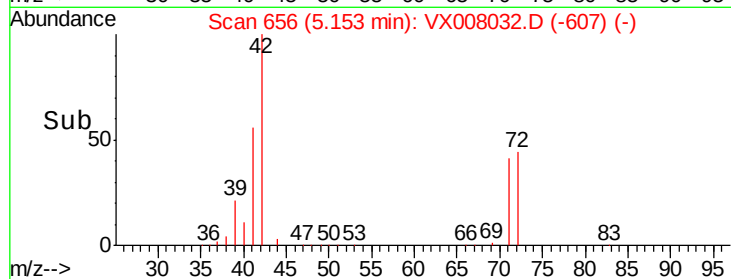
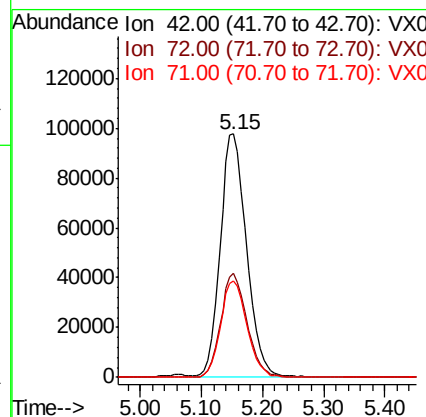
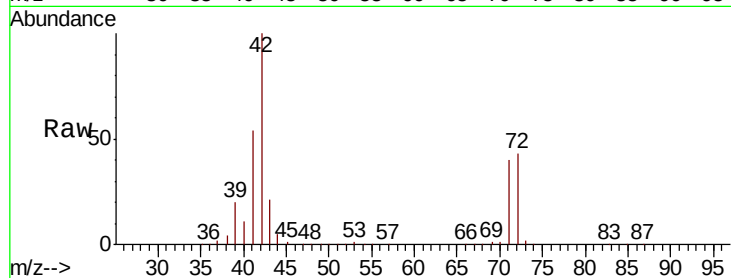
#29
Tetrahydrofuran
Concen: 240.705 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.7	33.8	50.6
71	39.8	31.5	47.3

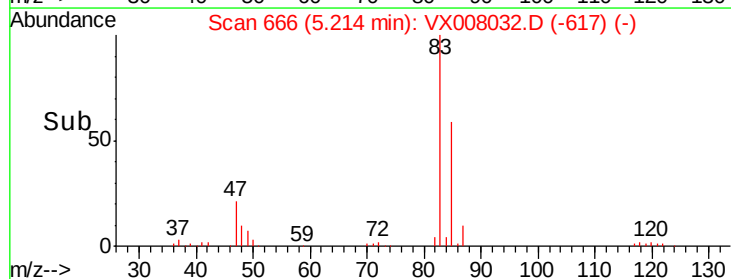
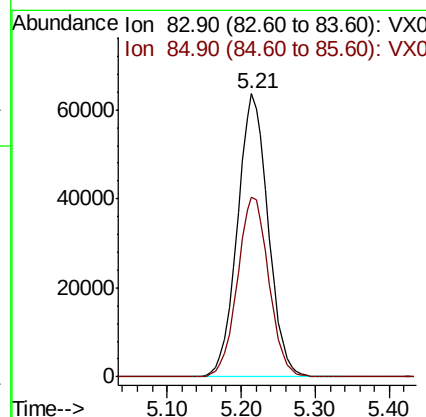
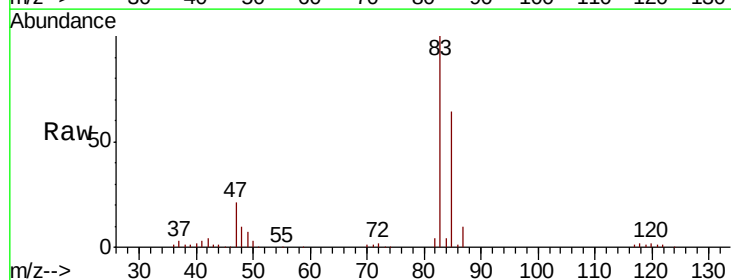
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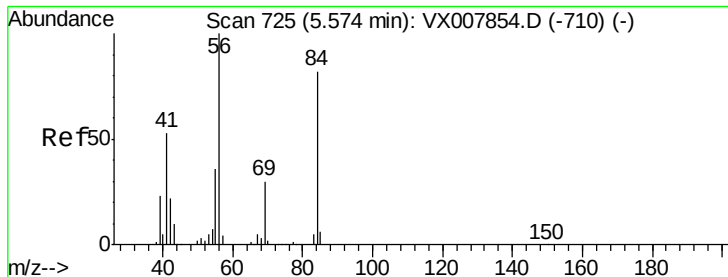
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#30
Chloroform
Concen: 48.843 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.8	77.6





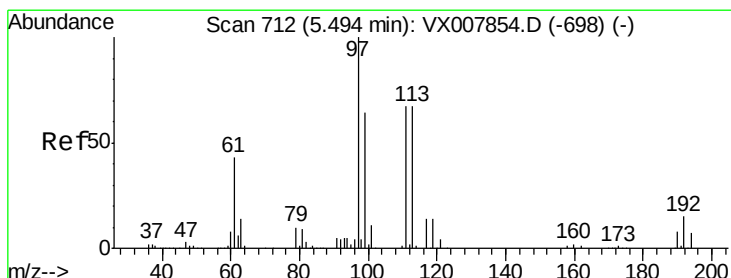
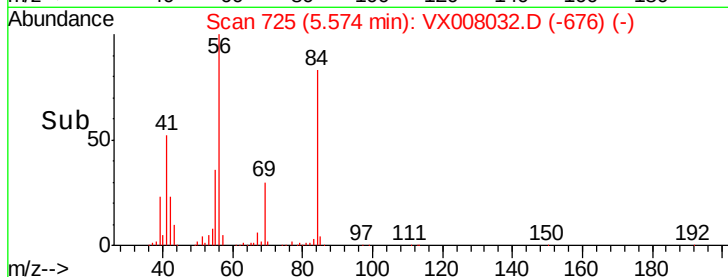
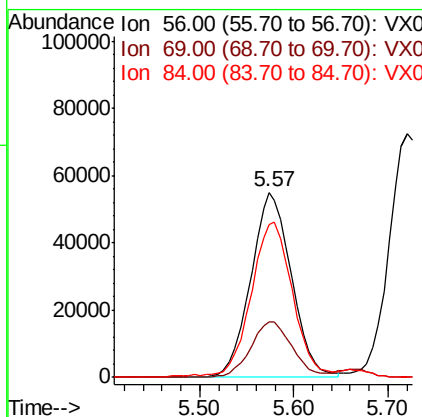
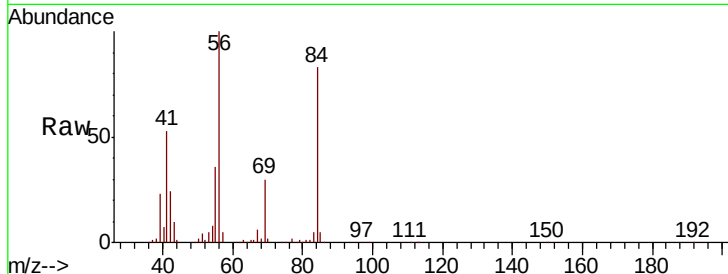
#31
Cyclohexane
Concen: 45.423 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.0	36.0
84	81.3	65.3	97.9

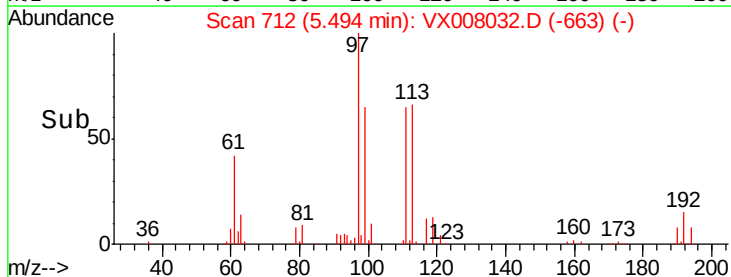
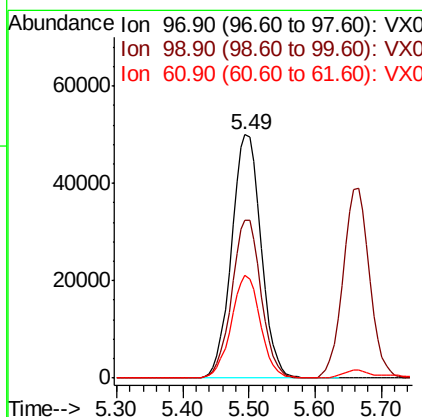
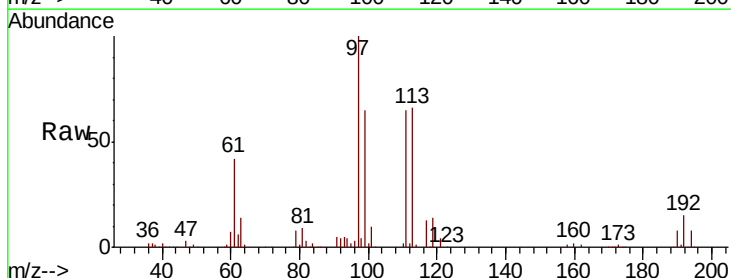
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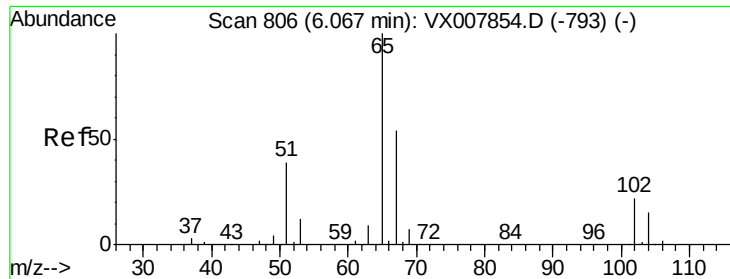
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 49.636 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.2	78.2
61	41.6	34.9	52.3





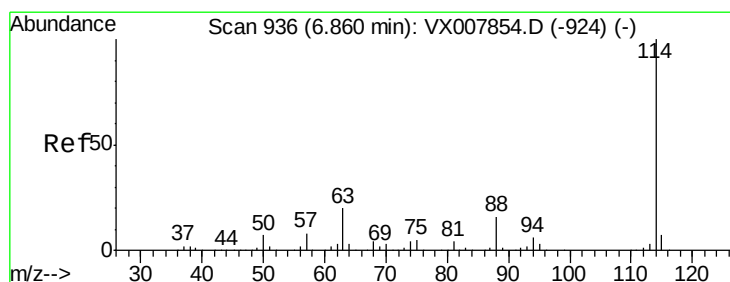
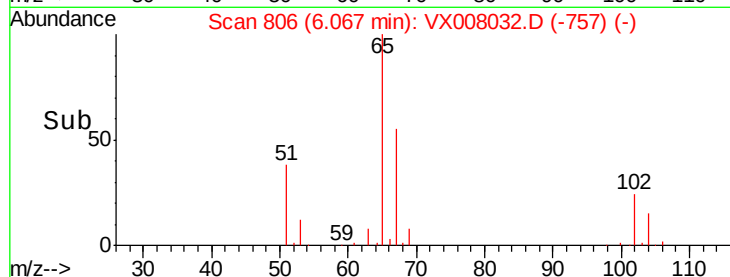
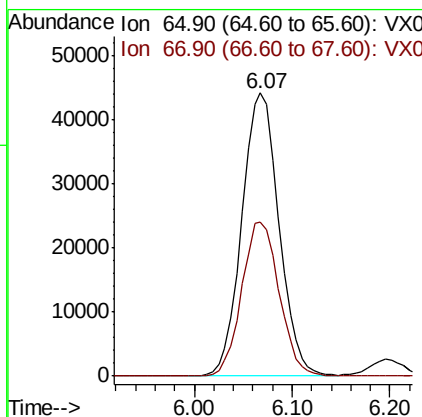
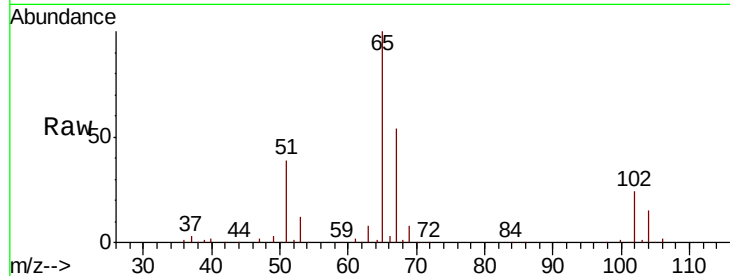
#33
 1,2-Dichloroethane-d4
 Concen: 48.929 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

Tgt Ion: 65 Resp: 116331
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.0

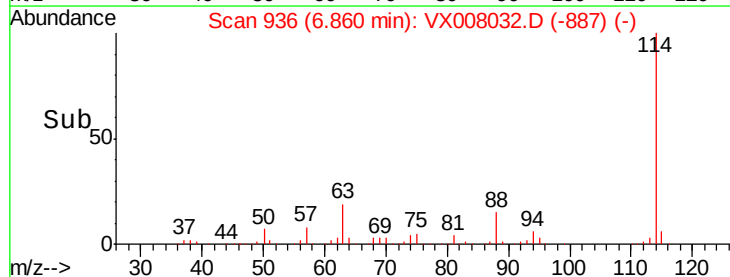
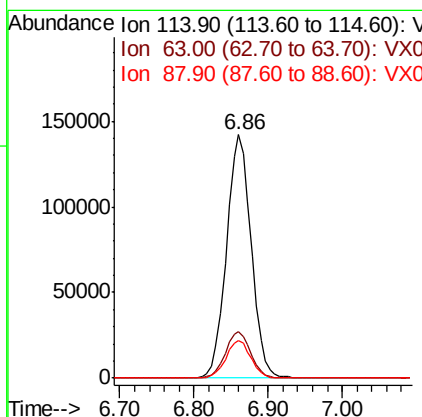
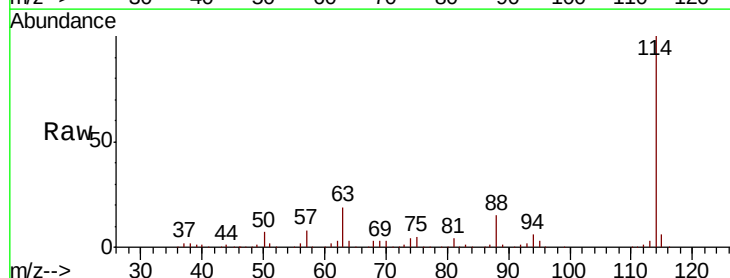
Manual Integrations
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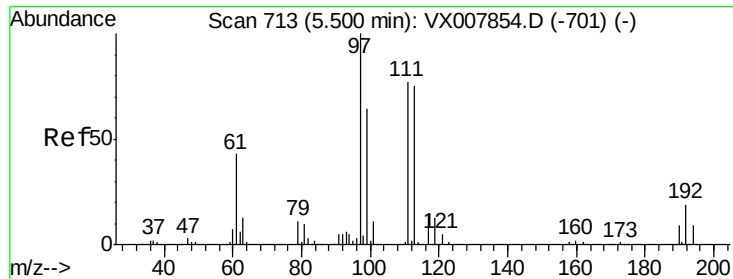
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Tgt Ion: 114 Resp: 328912
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.8
 88 15.5 0.0 31.4





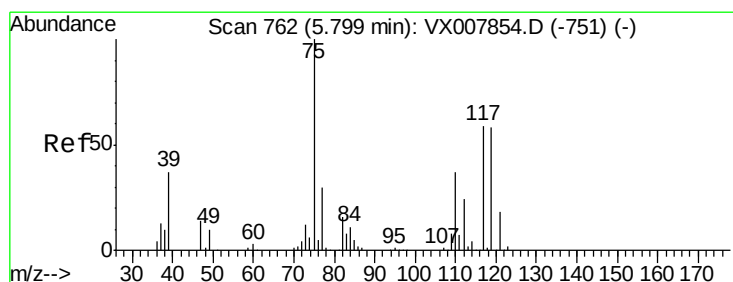
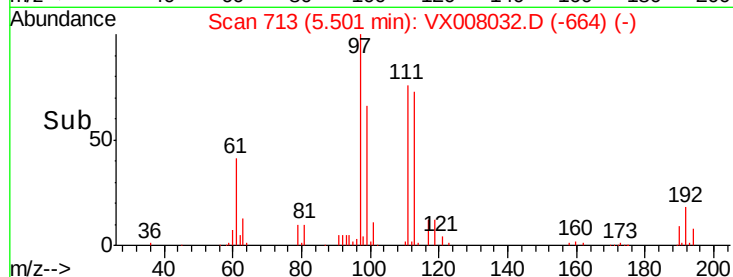
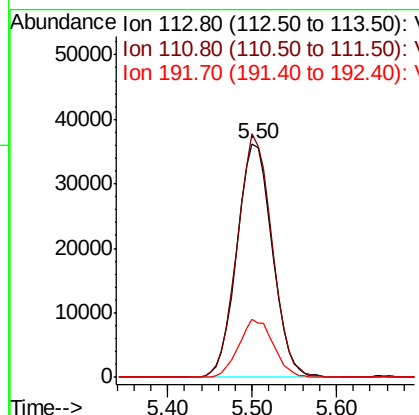
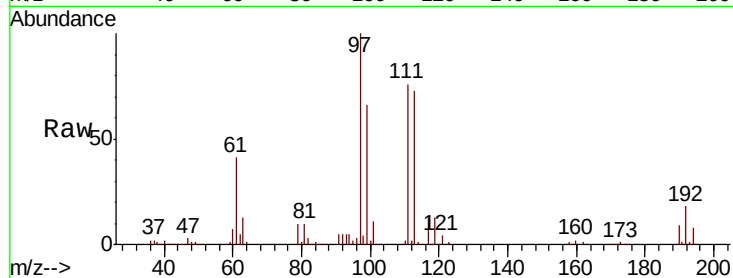
#35
Dibromofluoromethane
Concen: 48.972 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	103035		
111	102.0	81.4	122.0	
192	24.2	19.4	29.0	

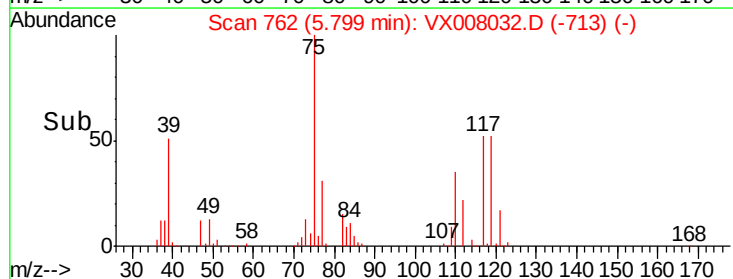
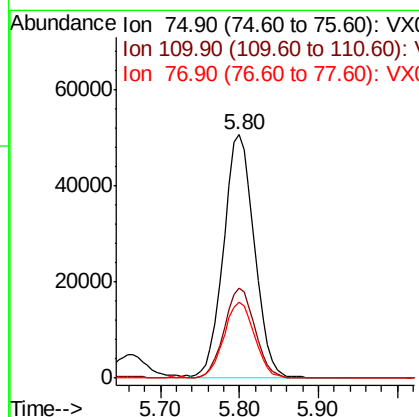
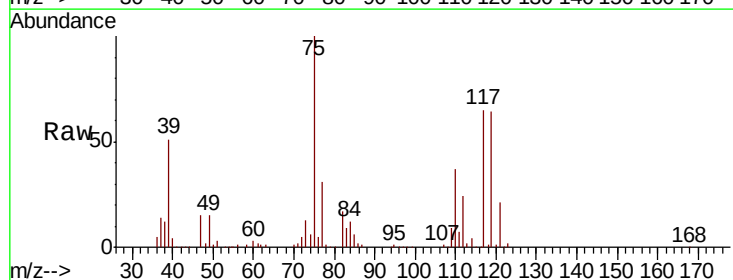
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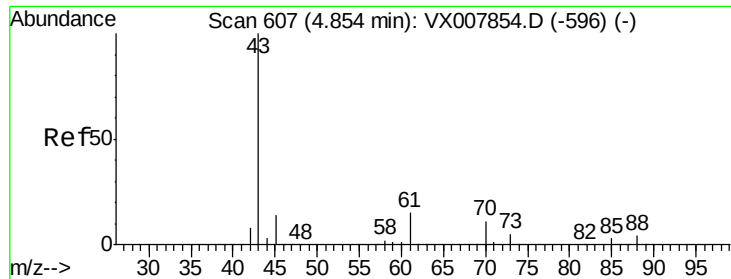
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#36
1,1-Dichloropropene
Concen: 46.250 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	137744		
110	36.7	18.4	55.0	
77	31.3	25.0	37.4	





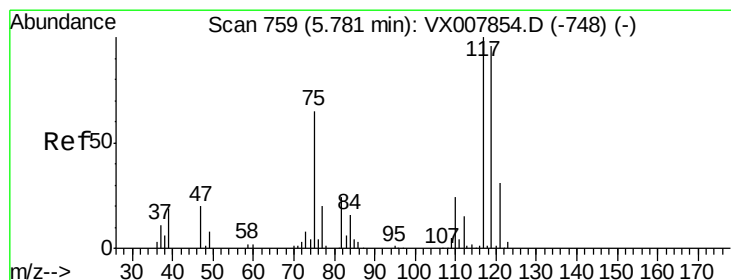
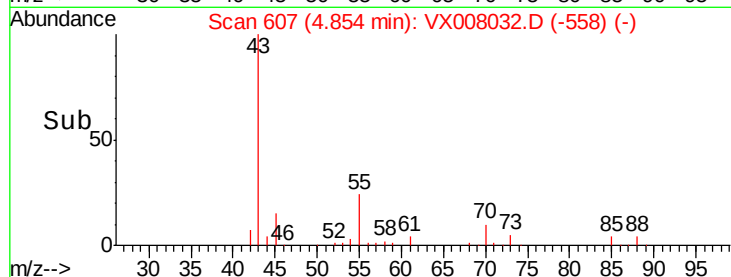
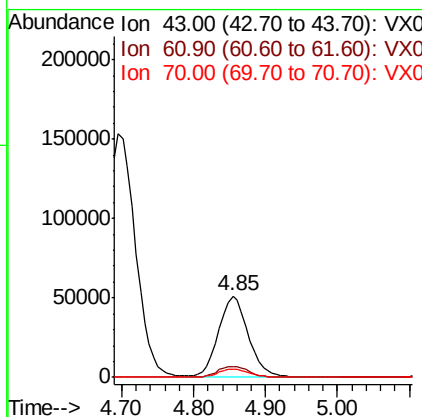
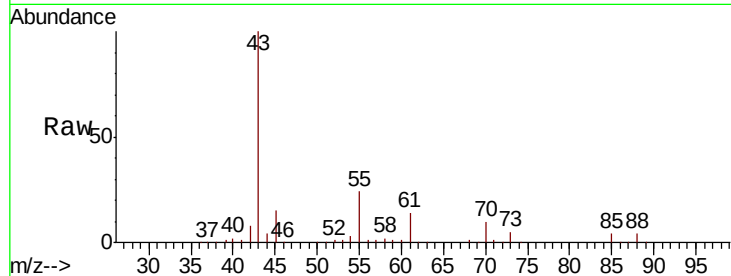
#37
Ethyl Acetate
Concen: 41.410 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.3	16.9
70	10.9	8.5	12.7

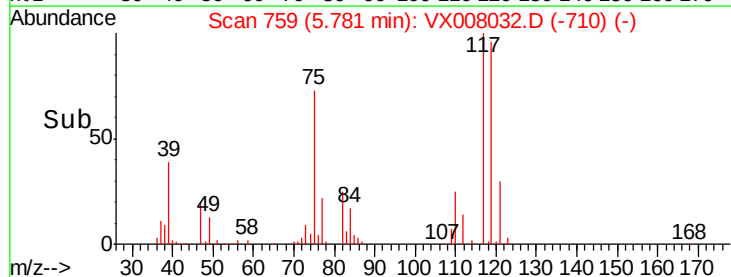
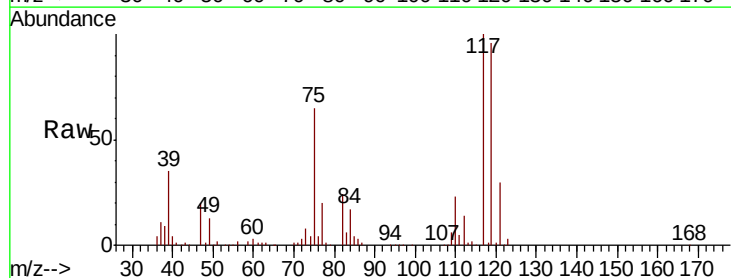
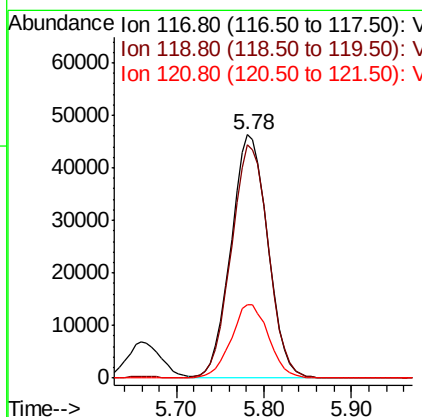
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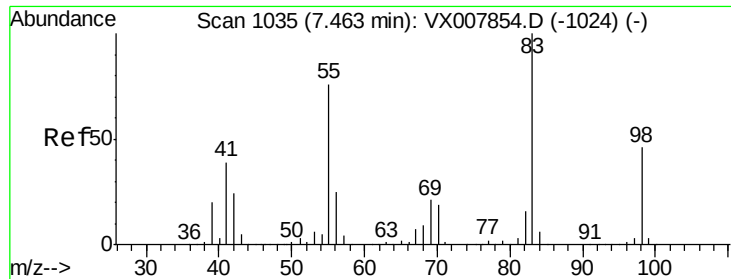
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#38
Carbon Tetrachloride
Concen: 47.999 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.2	114.2
121	30.3	24.6	36.8





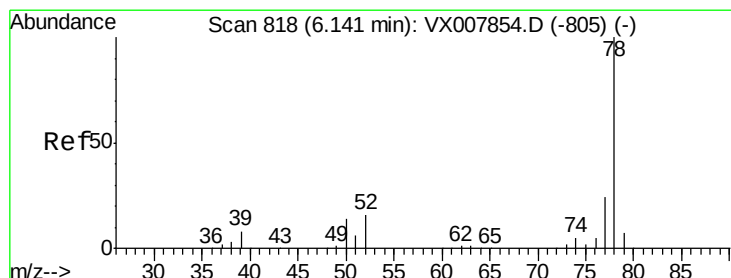
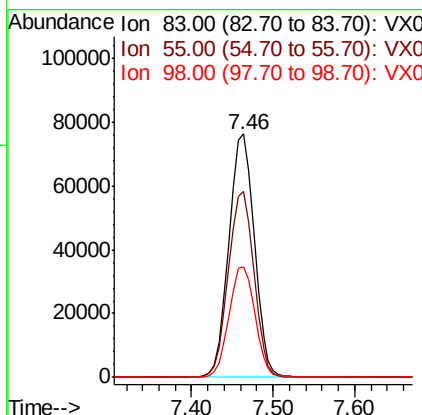
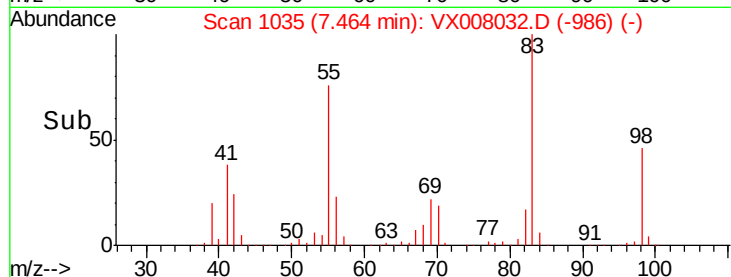
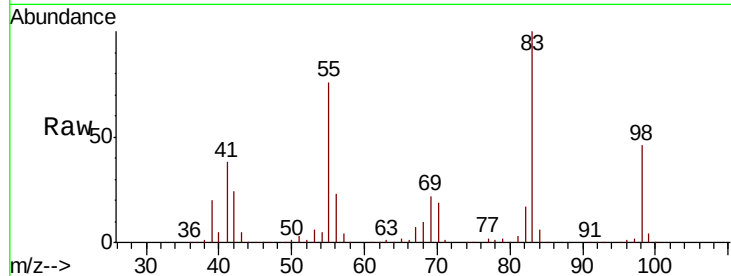
#39
Methylcyclohexane
Concen: 45.507 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.2	60.4	90.6
98	45.5	36.5	54.7

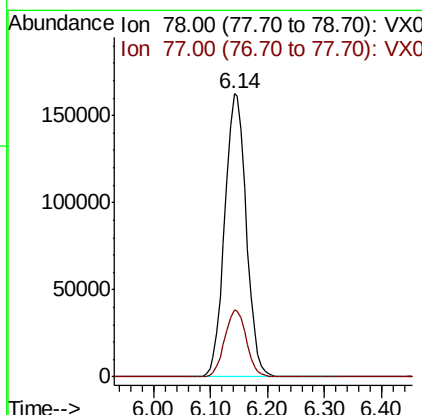
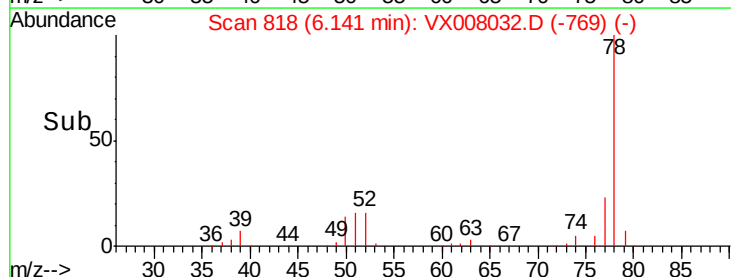
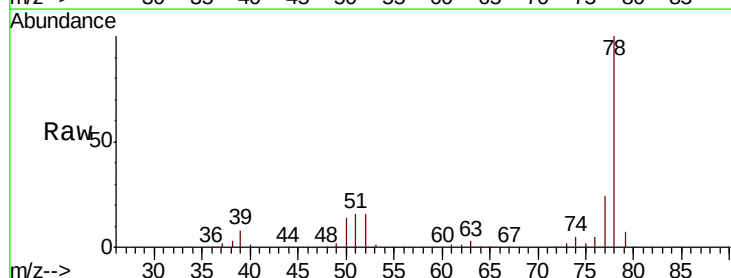
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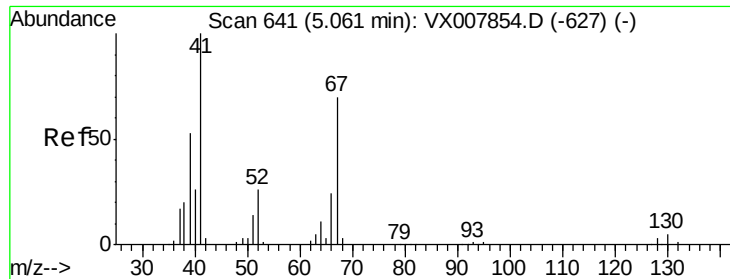
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#40
Benzene
Concen: 48.338 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





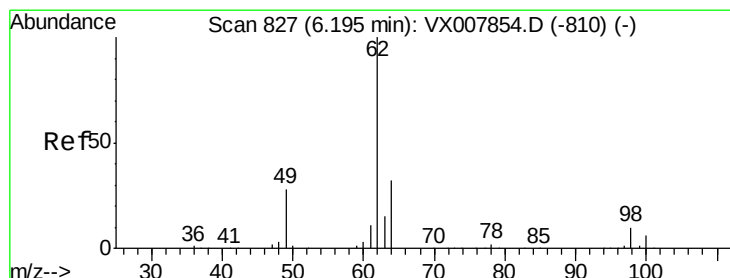
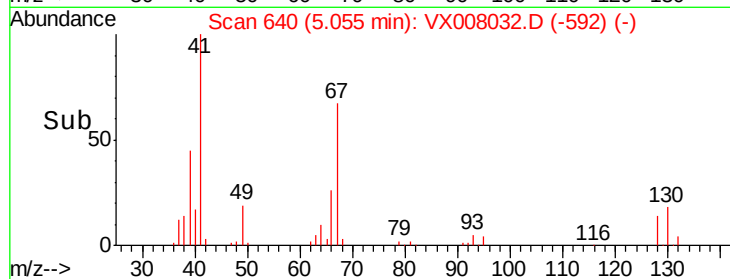
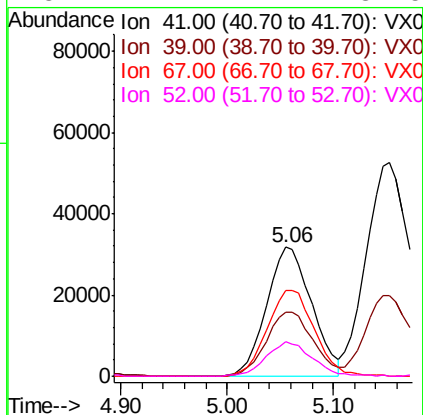
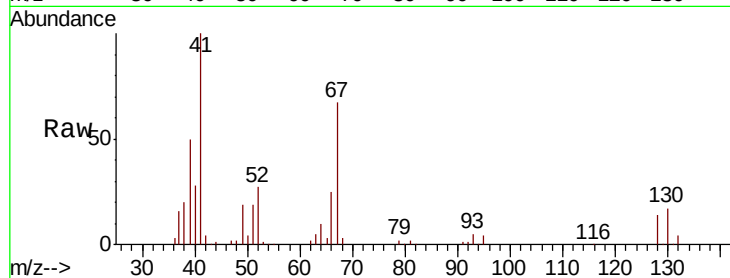
#41
Methacrylonitrile
Concen: 48.637 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

Tgt Ion	Ratio	Lower	Upper
41	100		
39	51.4	41.6	62.4
67	69.4	55.8	83.6
52	27.7	21.7	32.5

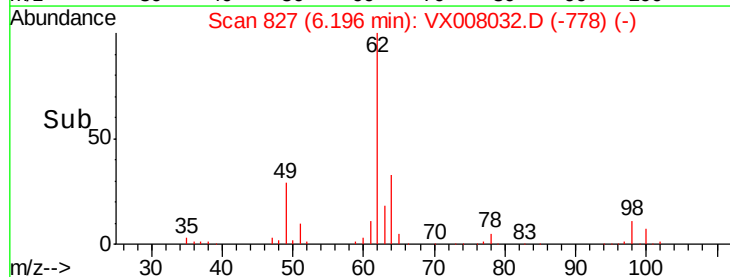
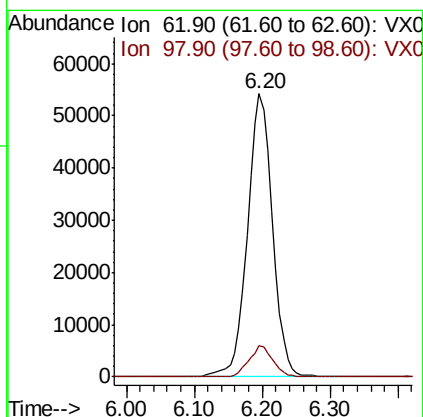
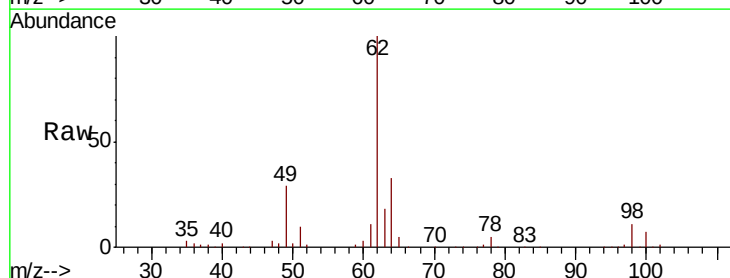
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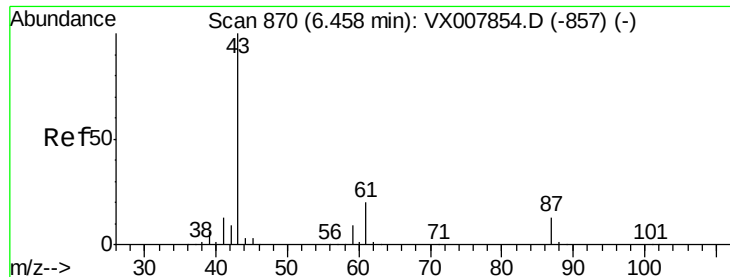
MMDadoda
3/13/2019 10:14:04 AM



#42
1,2-Dichloroethane
Concen: 48.037 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.4





#43

Isopropyl Acetate

Concen: 44.906 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

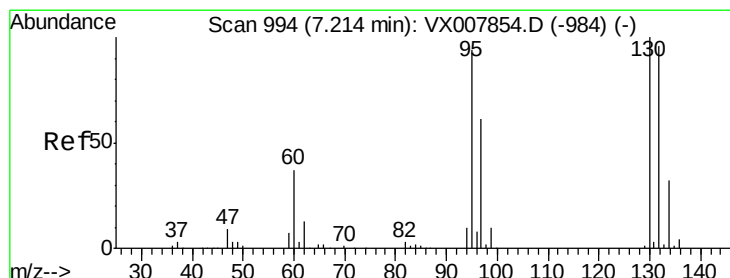
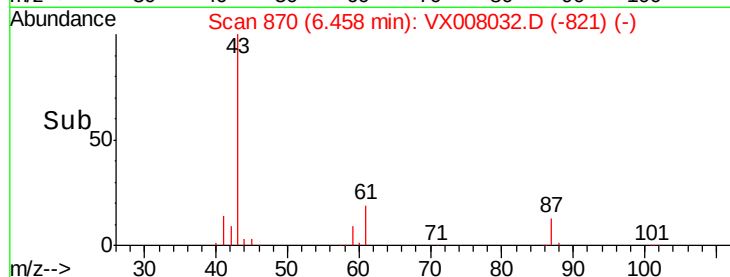
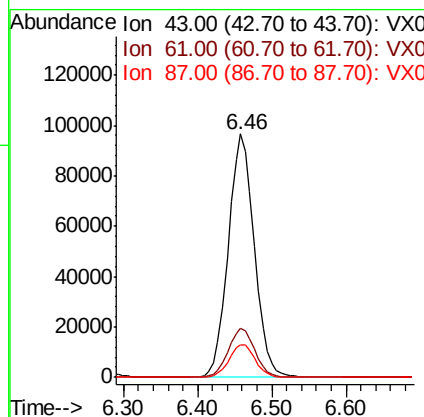
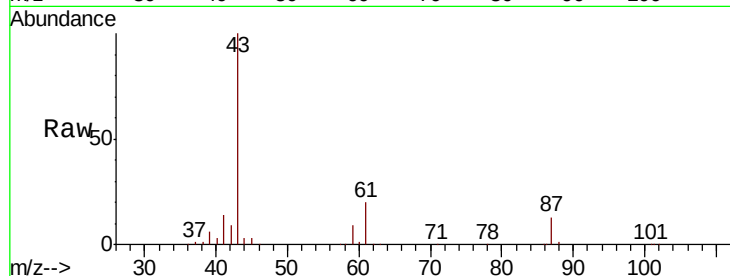
ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

Tgt Ion:	43	Resp:	234884
Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.3	24.5
87	13.6	10.5	15.7

Manual Integrations
APPROVED

MMDadoda
3/13/2019 10:14:04 AM



#44

Trichloroethene

Concen: 48.541 ug/l

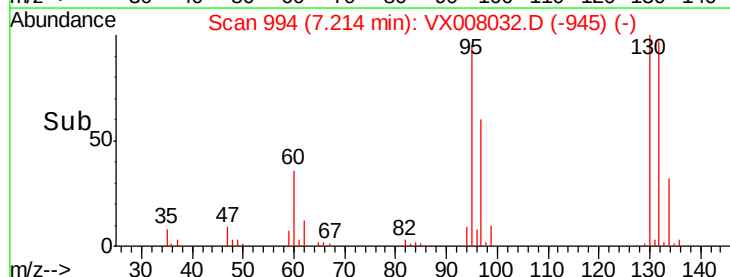
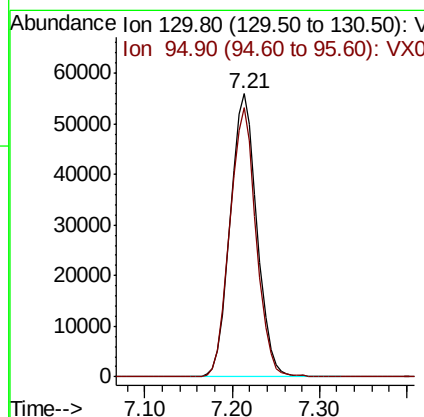
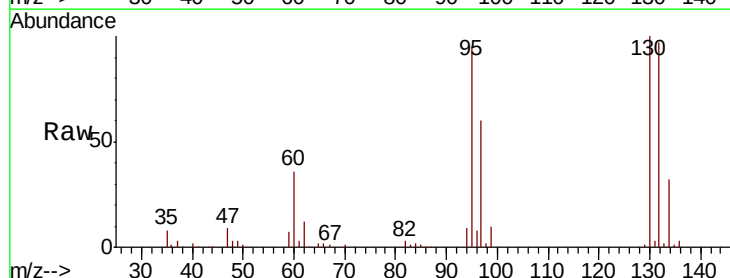
RT: 7.21 min Scan# 994

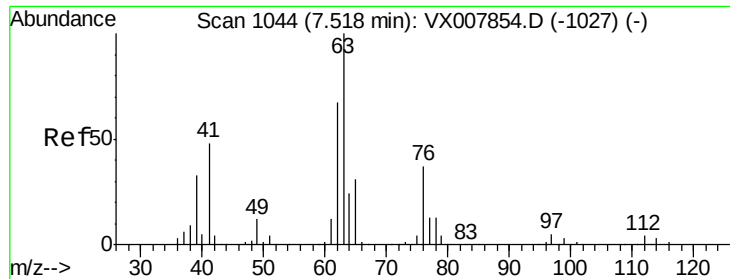
Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Tgt Ion:	130	Resp:	118605
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	188.0





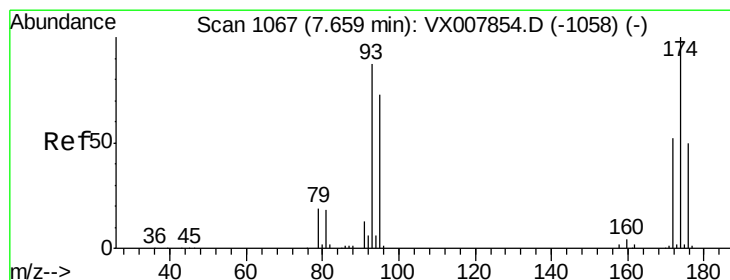
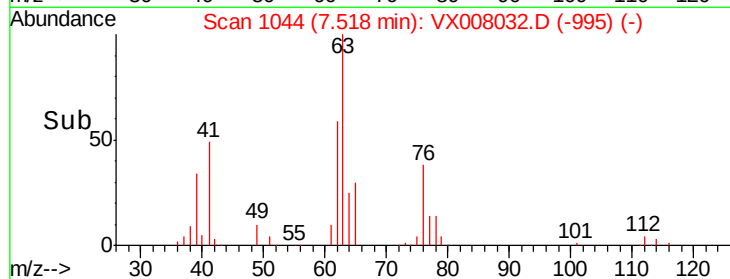
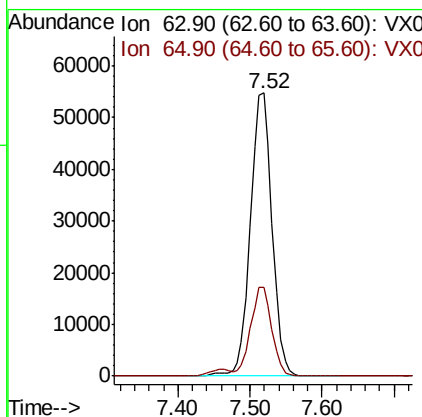
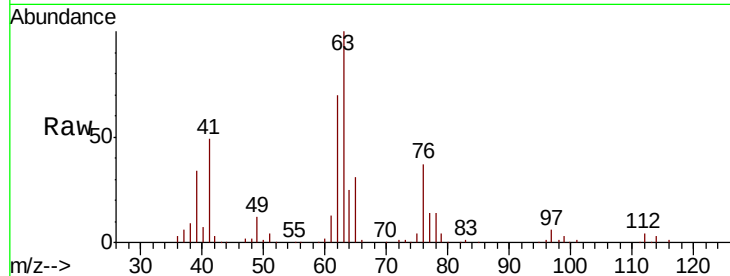
#45
 1,2-Dichloropropane
 Concen: 49.093 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

Tgt Ion: 63 Resp: 114965
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.7 37.1

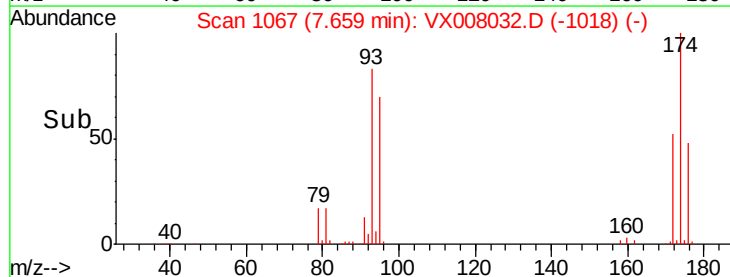
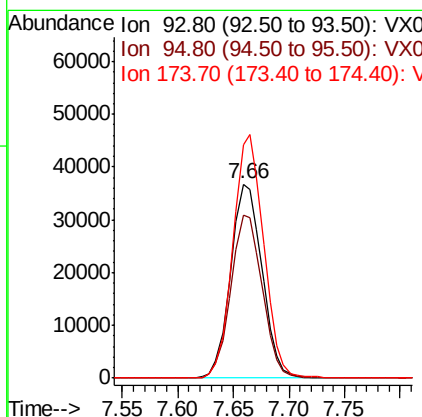
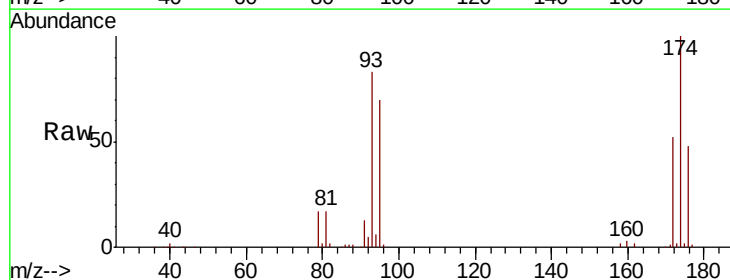
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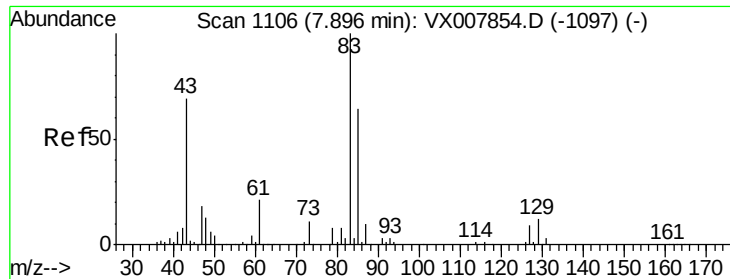
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#46
 Dibromomethane
 Concen: 48.472 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Tgt Ion: 93 Resp: 71835
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.8 100.2
 174 123.0 97.3 145.9





#47

Bromodichloromethane

Concen: 48.760 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

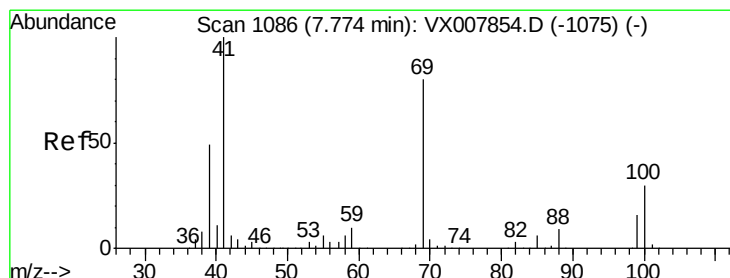
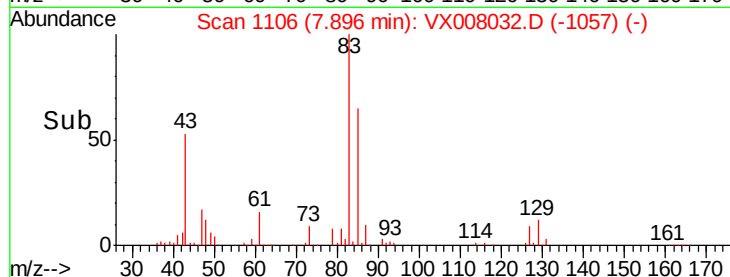
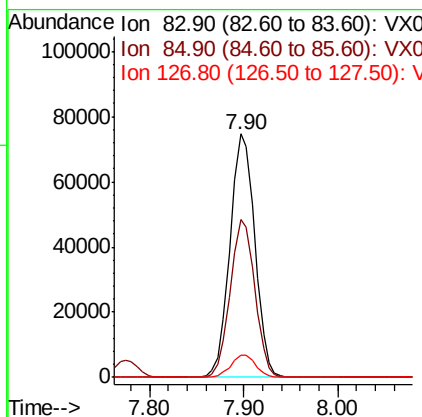
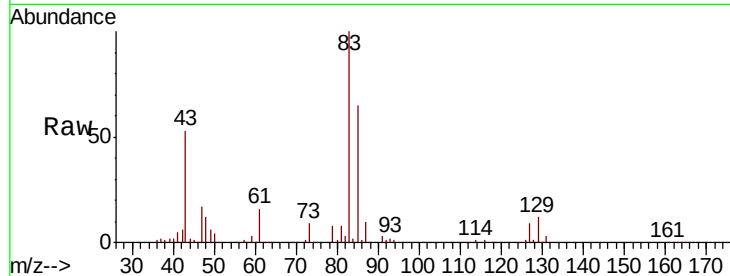
ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

Tgt Ion:	83	Resp:	137004
Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.9	76.3
127	9.0	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.848 ug/l

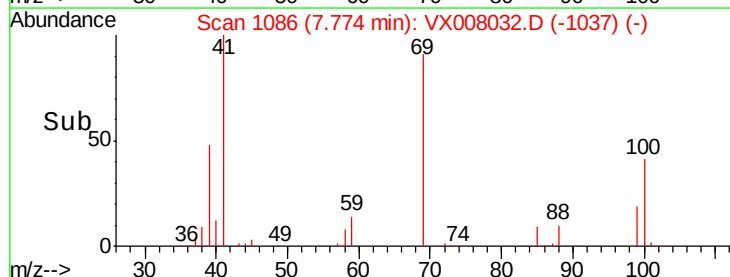
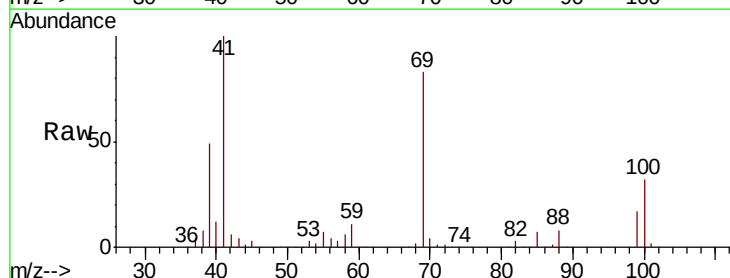
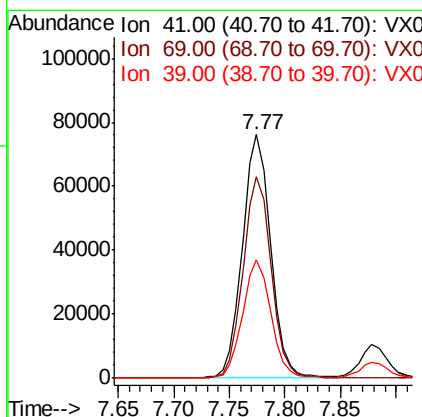
RT: 7.77 min Scan# 1086

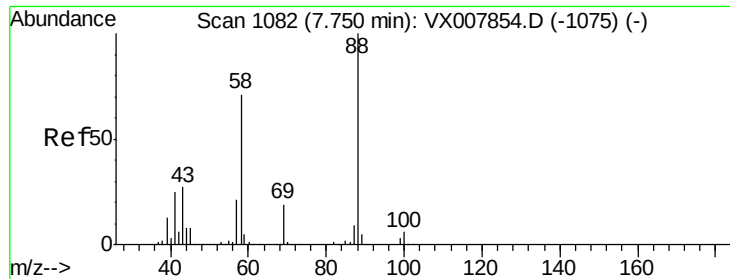
Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Tgt Ion:	41	Resp:	134334
Ion	Ratio	Lower	Upper
41	100		
69	82.9	65.2	97.8
39	48.9	39.4	59.2





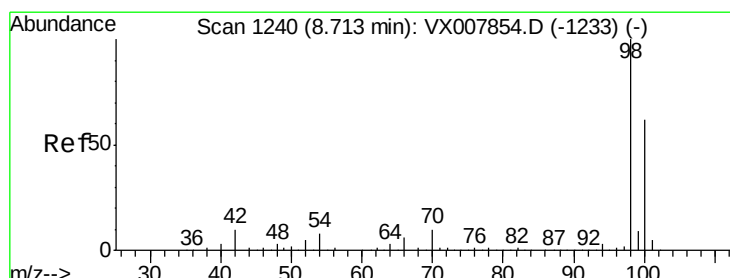
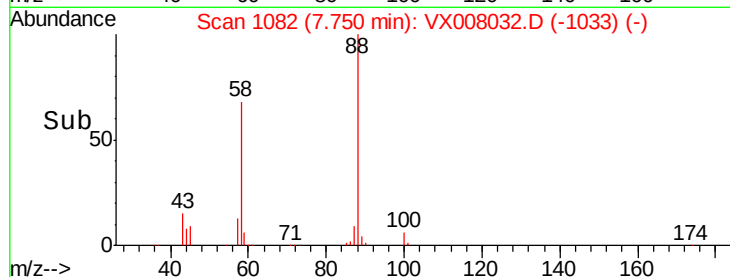
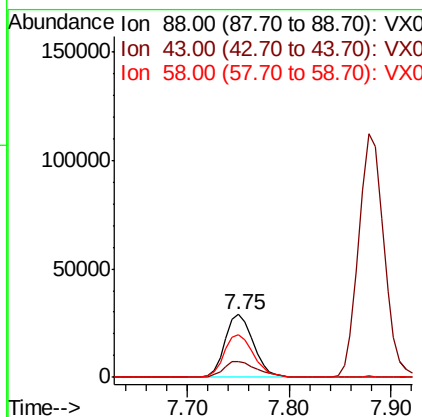
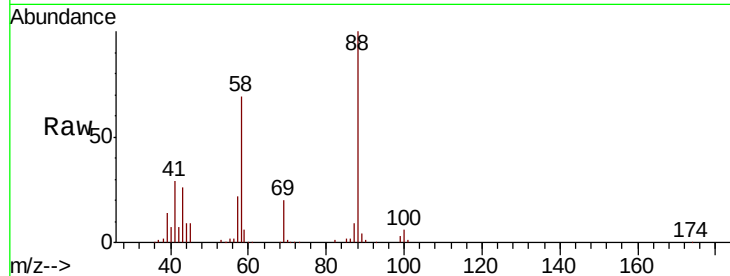
#49
1,4-Dioxane
Concen: 995.620 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.1	25.1	37.7
58	71.4	57.8	86.6

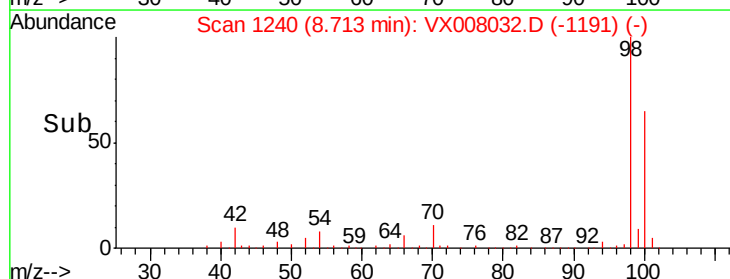
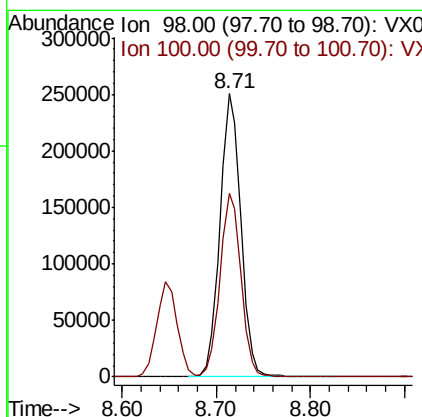
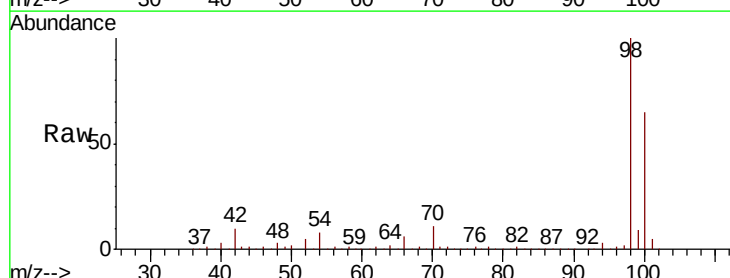
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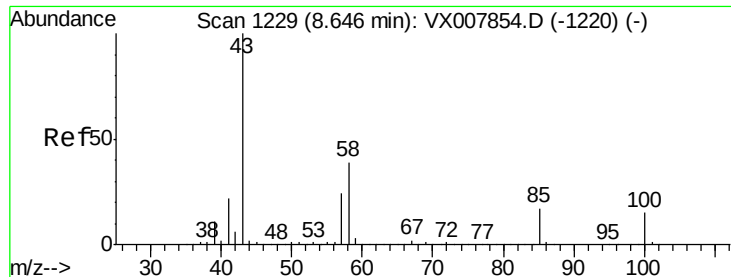
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#50
Toluene-d8
Concen: 49.796 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.7	77.5





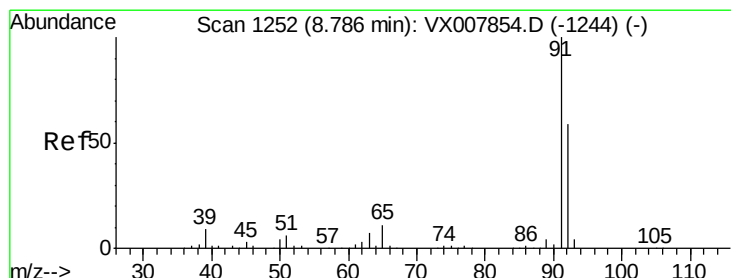
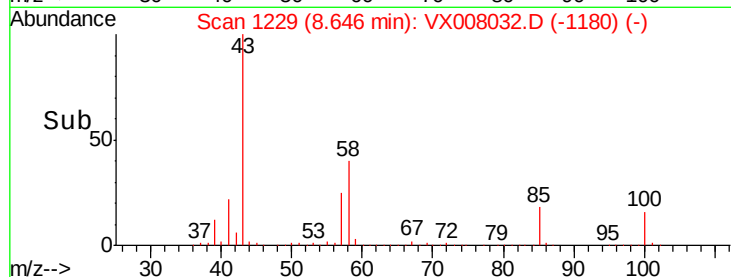
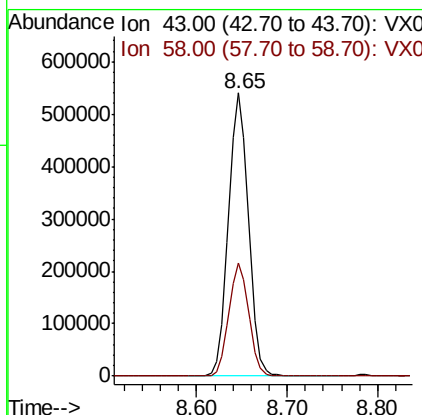
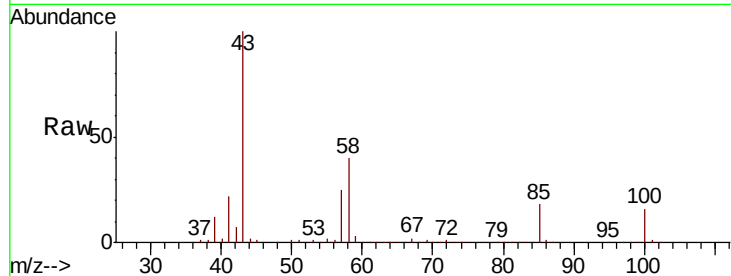
#51
 4-Methyl-2-Pentanone
 Concen: 246.427 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

Tgt Ion: 43 Resp: 828930
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.3 46.9

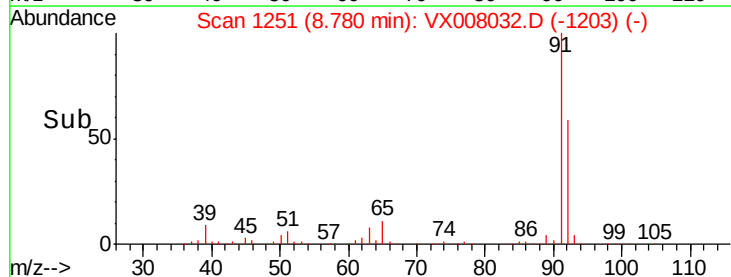
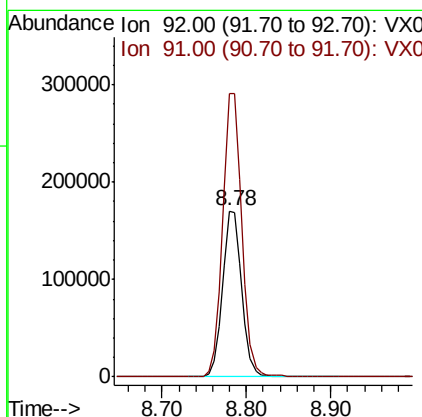
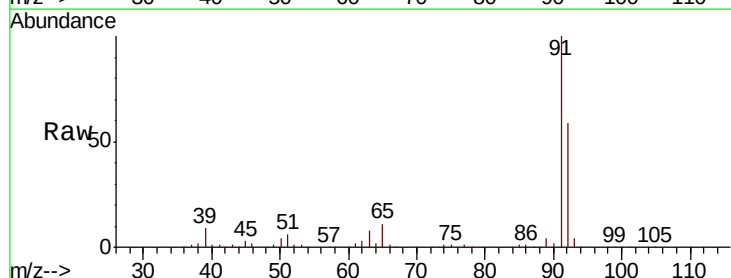
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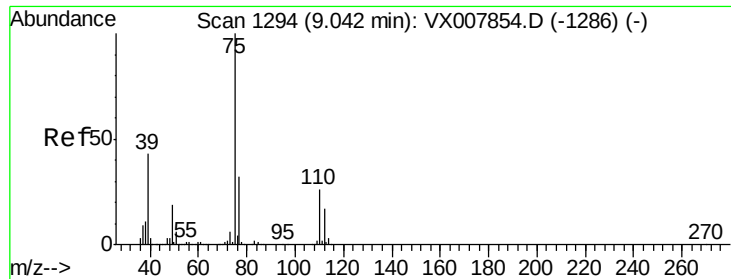
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#52
 Toluene
 Concen: 49.368 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Tgt Ion: 92 Resp: 267235
 Ion Ratio Lower Upper
 92 100
 91 172.1 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 50.139 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

Tgt Ion: 75 Resp: 147043

Ion Ratio Lower Upper

75 100

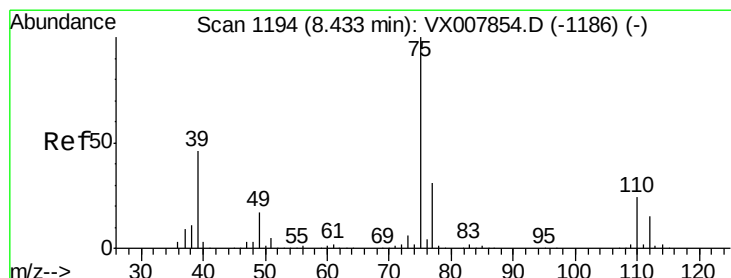
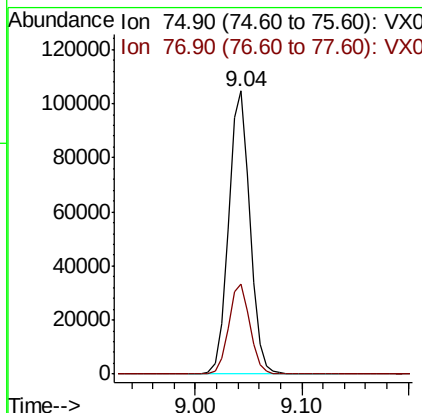
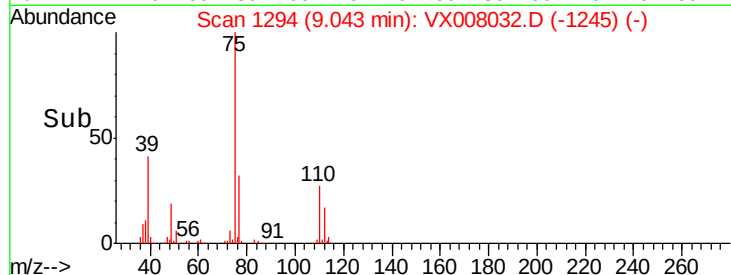
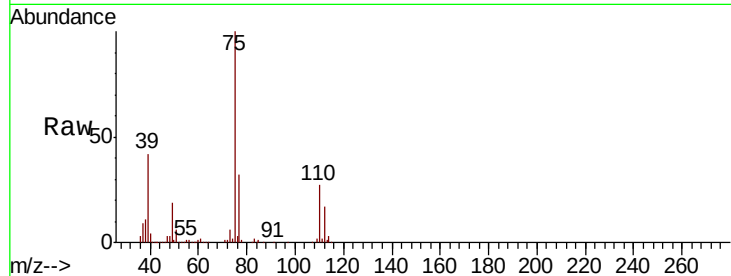
77 32.0 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 48.956 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

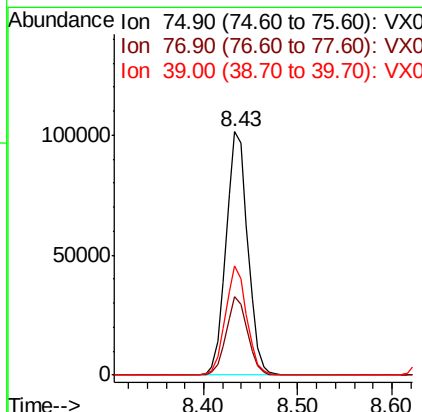
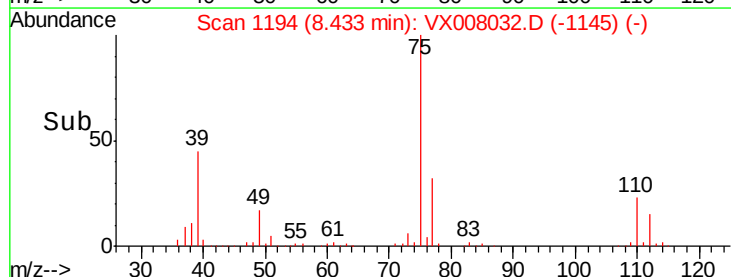
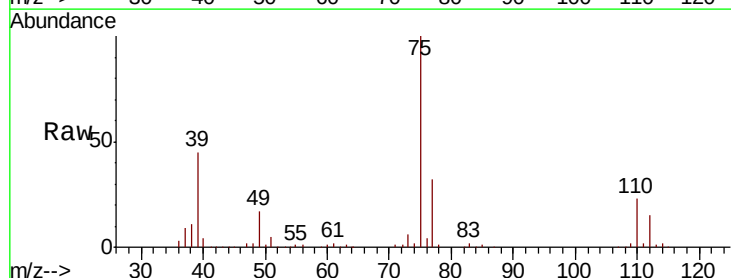
Tgt Ion: 75 Resp: 162129

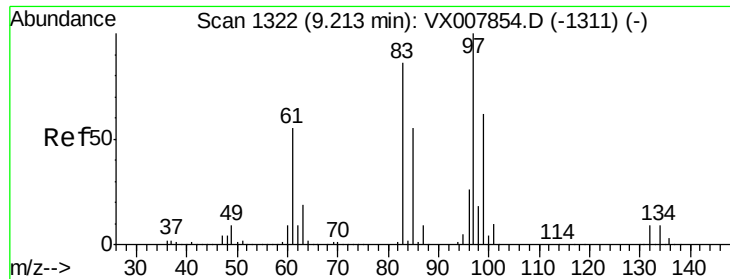
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6

39 44.8 36.6 54.8





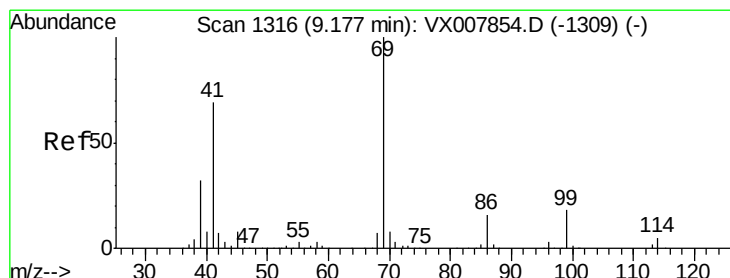
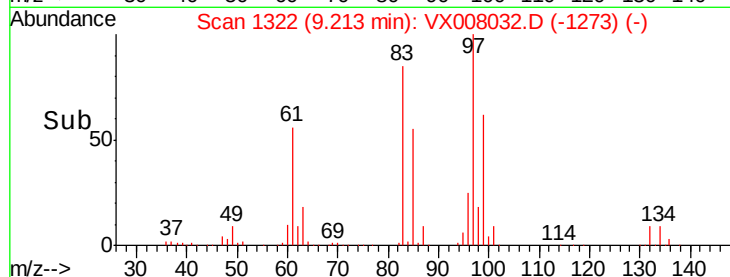
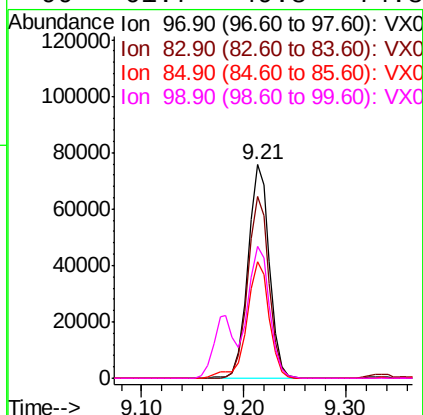
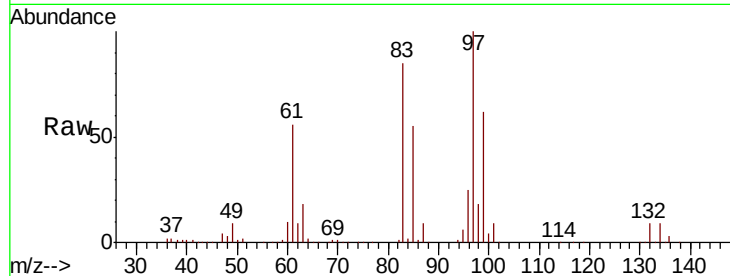
#55
1,1,2-Trichloroethane
Concen: 50.620 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	110923		
83	84.8	69.1	103.7	
85	54.7	44.3	66.5	
99	61.7	49.8	74.8	

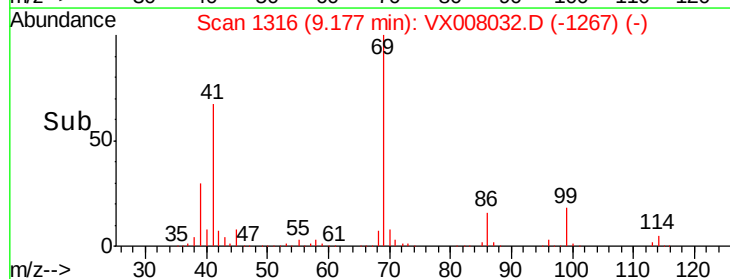
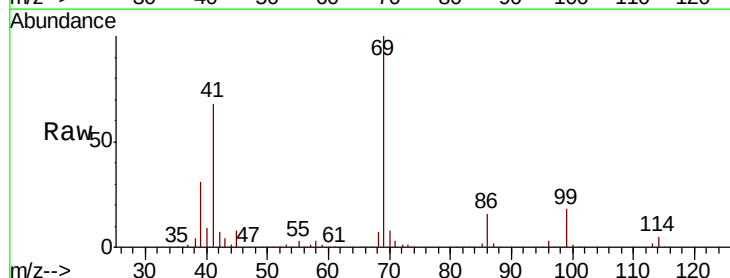
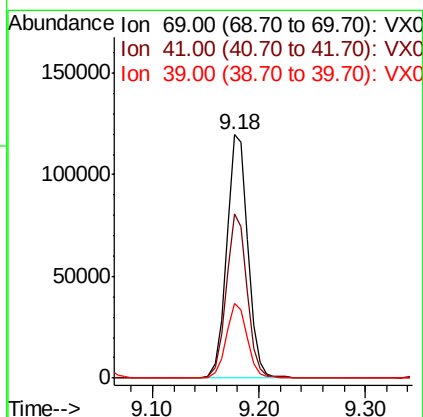
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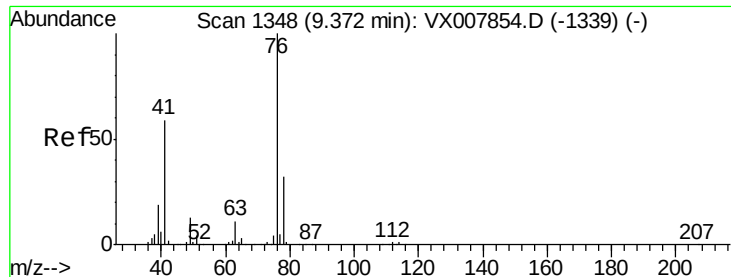
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#56
Ethyl methacrylate
Concen: 50.786 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	167091		
41	66.4	54.2	81.4	
39	30.4	25.0	37.4	





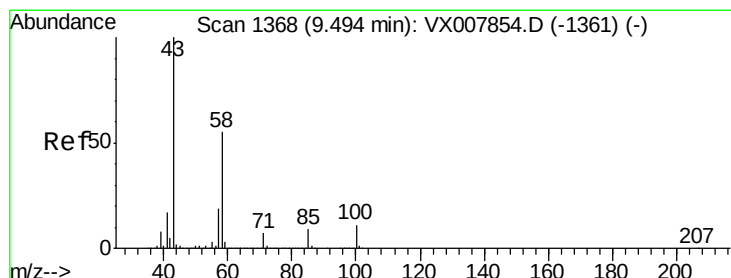
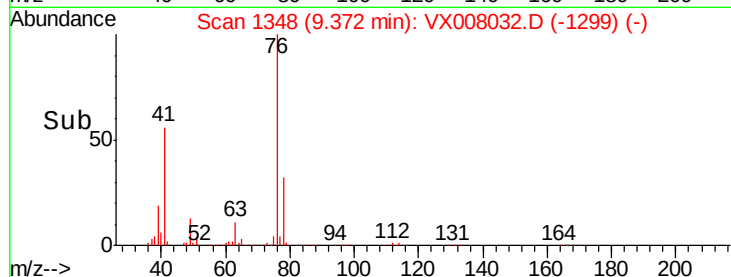
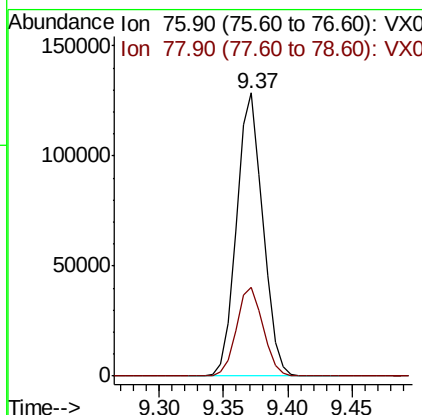
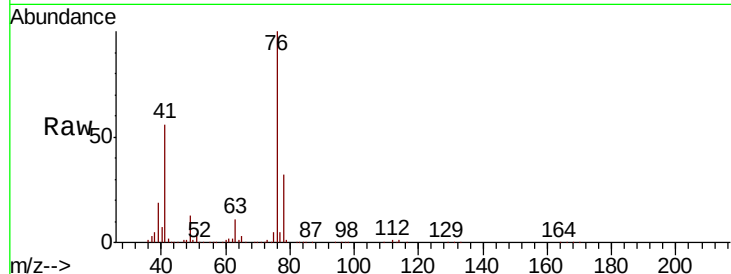
#57
 1,3-Dichloropropane
 Concen: 49.526 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

Tgt Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.5	38.3

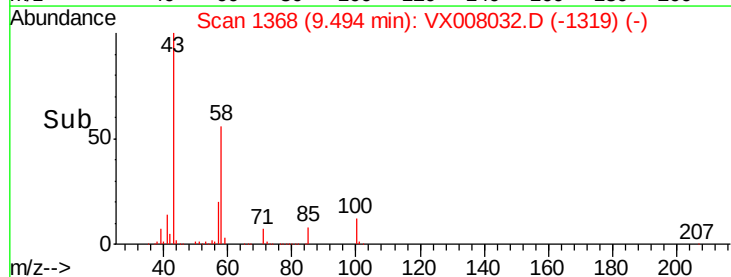
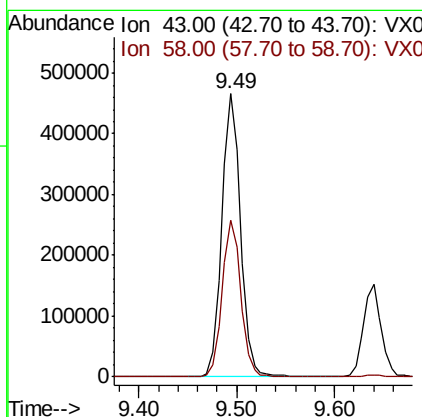
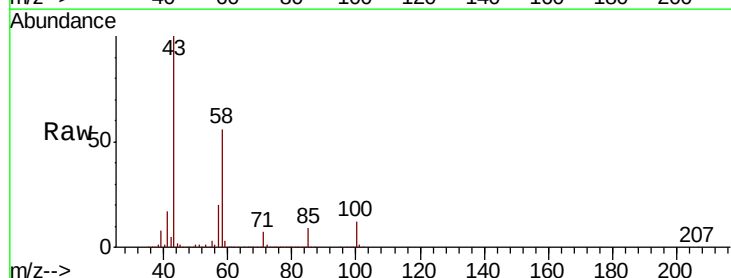
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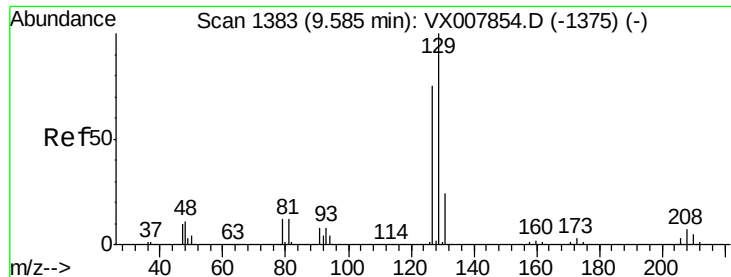
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#59
 2-Hexanone
 Concen: 236.312 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Tgt Ion	Ratio	Lower	Upper
43	100		
58	55.5	27.6	82.7





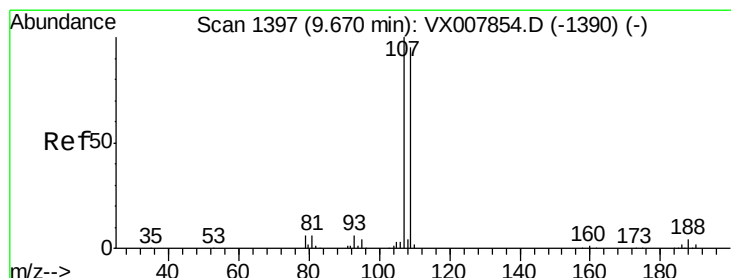
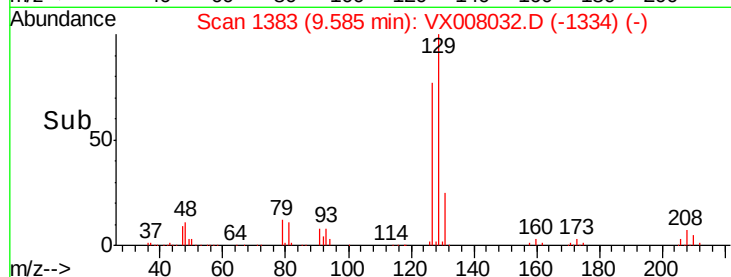
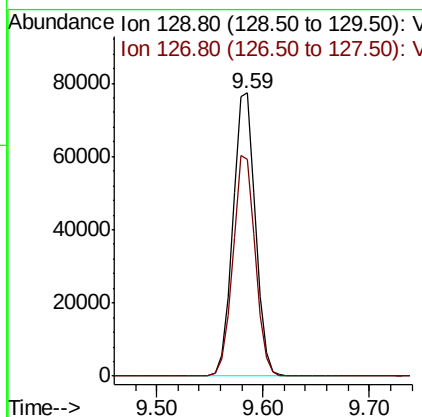
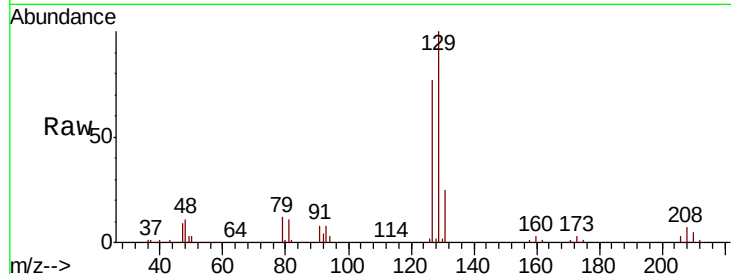
#60
Dibromochloromethane
Concen: 49.892 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

Tgt Ion:129 Resp: 114273
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.8

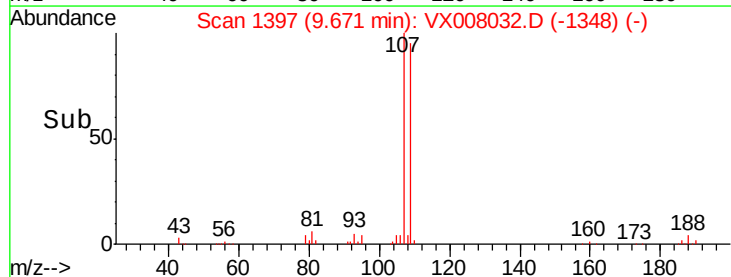
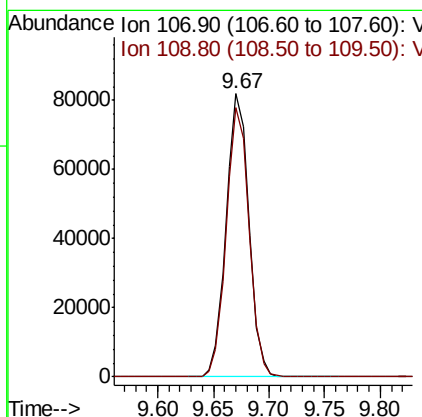
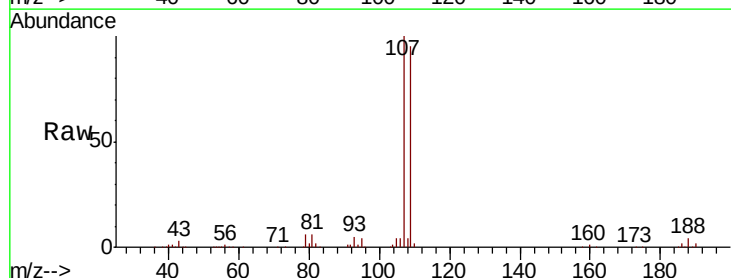
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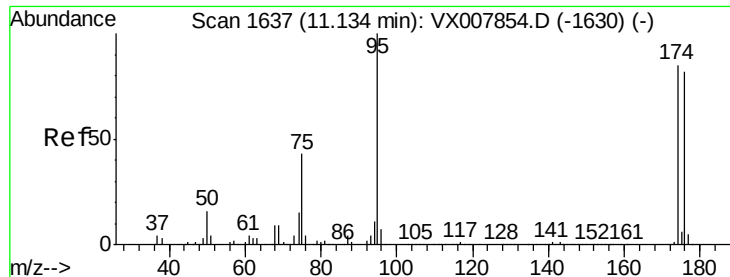
MMDadoda
3/13/2019 10:14:04 AM



#61
1,2-Dibromoethane
Concen: 50.029 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion:107 Resp: 116395
Ion Ratio Lower Upper
107 100
109 95.2 75.8 113.8





#62

4-Bromofluorobenzene

Concen: 50.198 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

Tgt Ion: 95 Resp: 135988

Ion Ratio Lower Upper

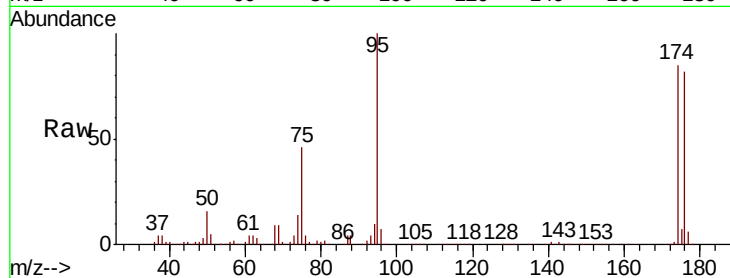
95 100

174 92.7 0.0 182.8

176 90.1 0.0 178.0

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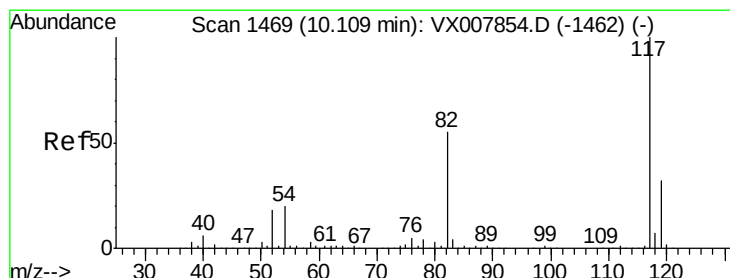
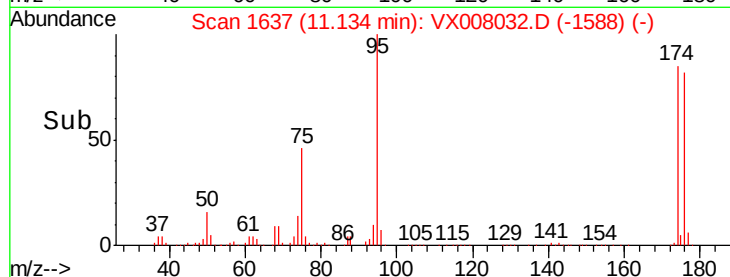
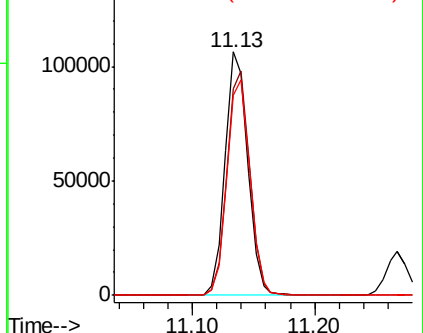
MMDadoda
3/13/2019 10:14:04 AM



Abundance Ion 94.90 (94.60 to 95.60): VX007854.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007854.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007854.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

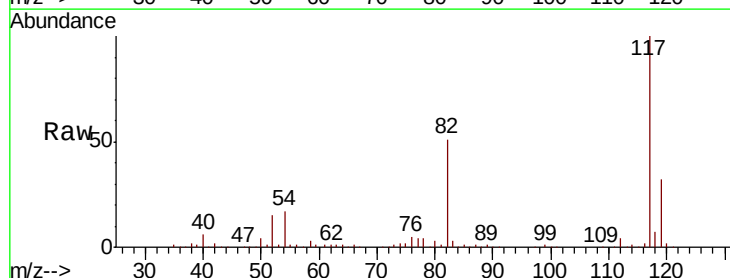
Tgt Ion: 117 Resp: 295117

Ion Ratio Lower Upper

117 100

82 51.4 44.3 66.5

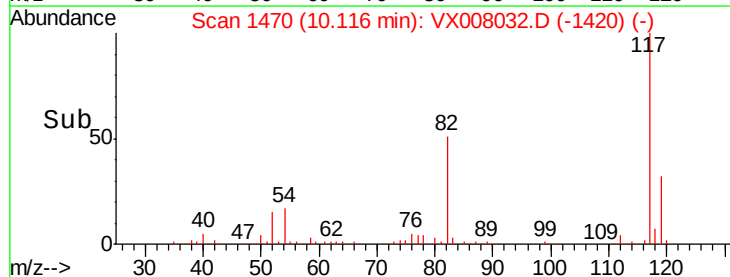
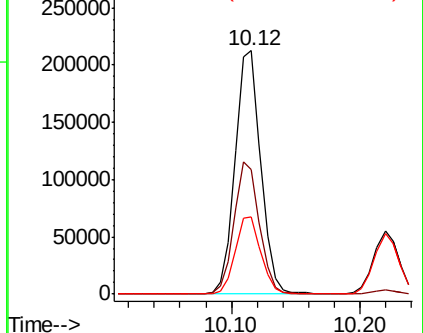
119 31.8 25.3 37.9

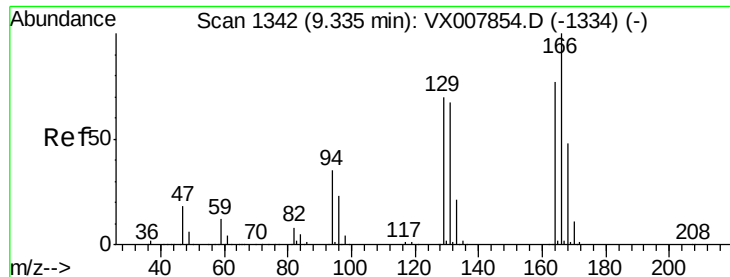


Abundance Ion 116.90 (116.60 to 117.60): VX007854.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX007854.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX007854.D (-1462) (-)





#64

Tetrachloroethene

Concen: 47.162 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

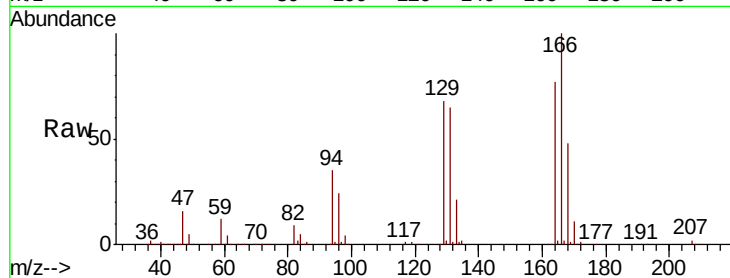
ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

Tgt Ion:	164	Resp:	115339
Ion Ratio	Lower	Upper	
164	100		
166	129.2	103.4	155.0
129	88.0	72.2	108.4
131	84.5	69.4	104.2

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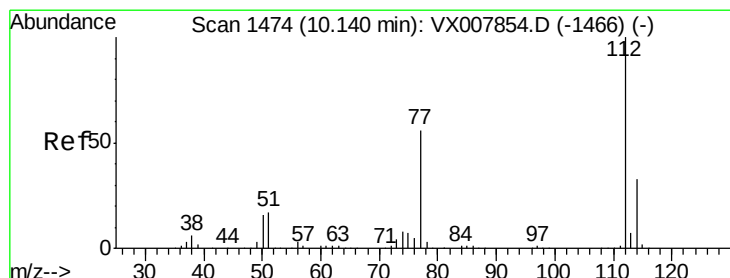
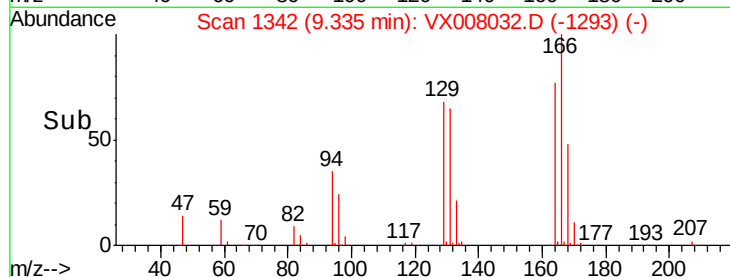
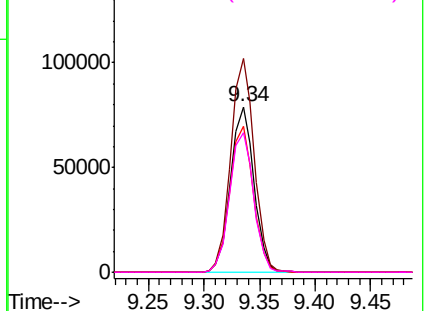
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 47.794 ug/l

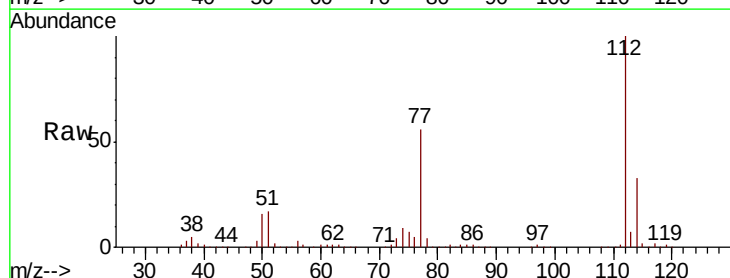
RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

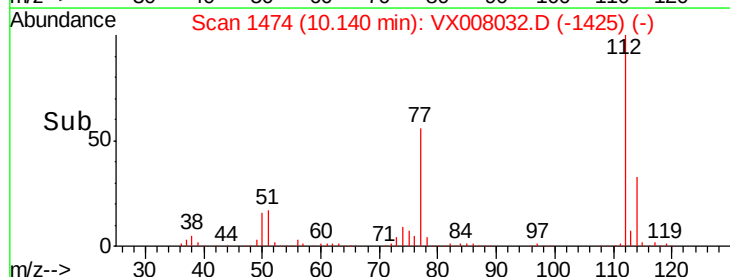
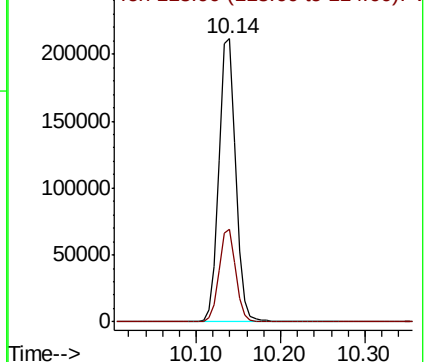
Tgt Ion:	112	Resp:	295152
Ion Ratio	Lower	Upper	
112	100		
114	32.6	26.0	39.0

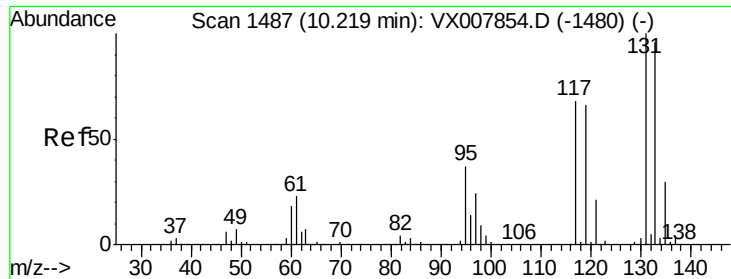


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 49.167 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

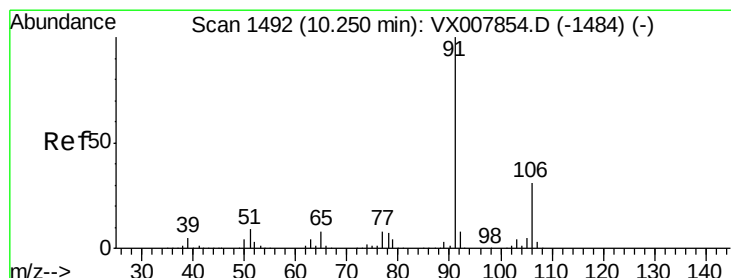
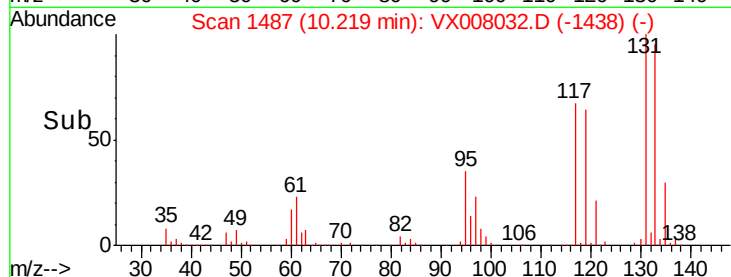
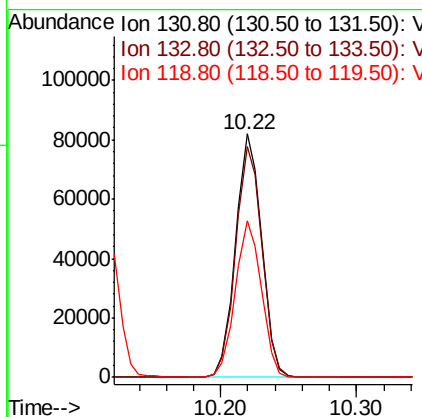
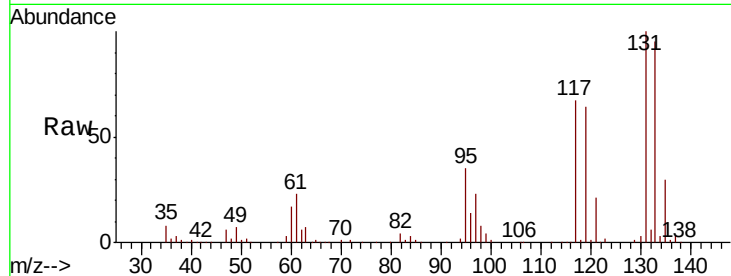
ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

Tgt Ion:	131	Resp:	108821
Ion Ratio	Lower	Upper	
131	100		
133	96.2	47.8	143.3
119	64.6	32.5	97.5

Manual Integrations
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#67

Ethyl Benzene

Concen: 48.860 ug/l

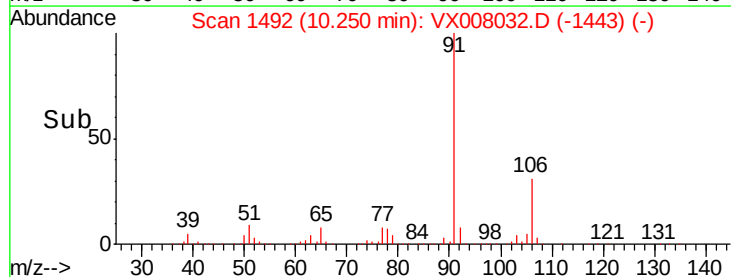
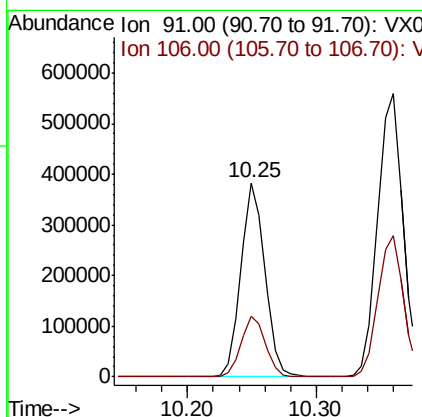
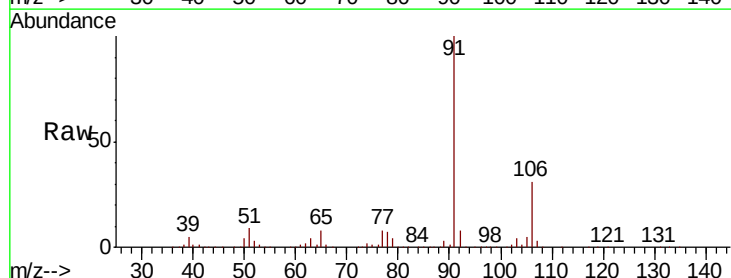
RT: 10.25 min Scan# 1492

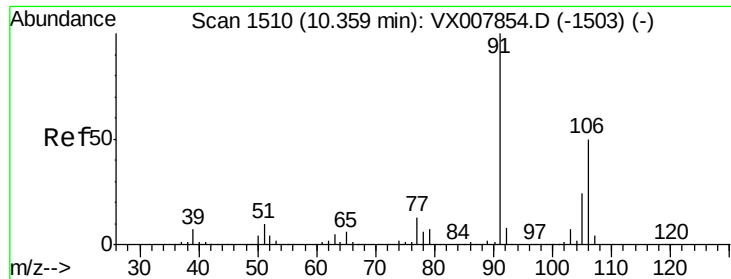
Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Tgt Ion:	91	Resp:	496685
Ion Ratio	Lower	Upper	
91	100		
106	31.3	25.2	37.8





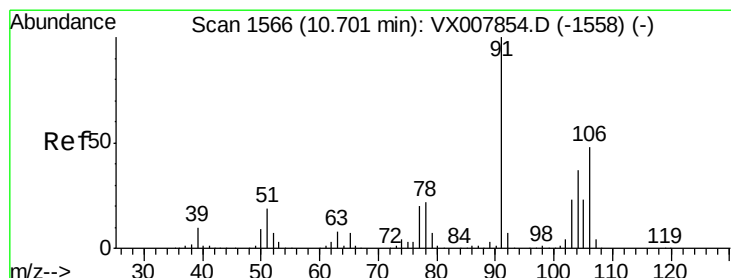
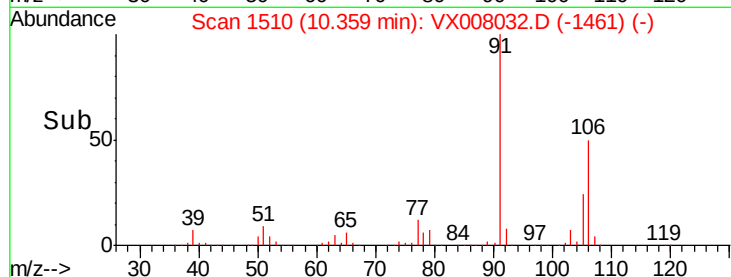
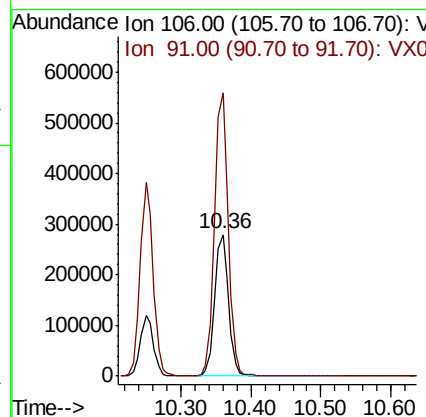
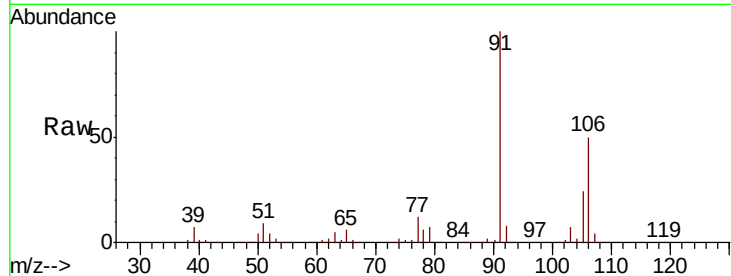
#68
m/p-Xylenes
Concen: 97.557 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

Tgt Ion:106 Resp: 382262
Ion Ratio Lower Upper
106 100
91 200.1 159.8 239.6

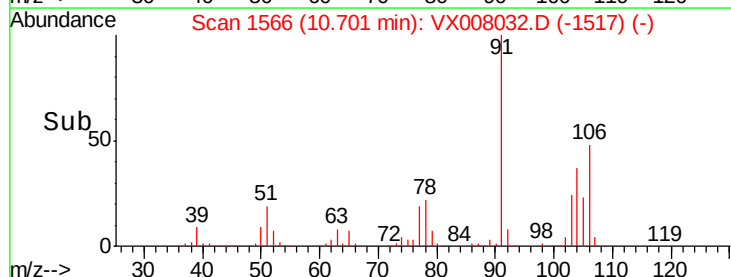
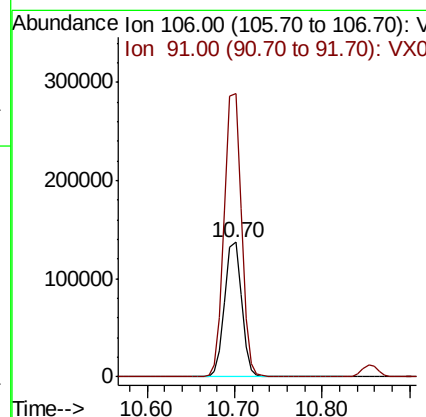
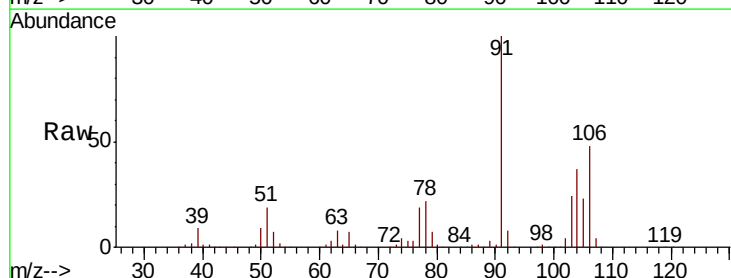
Manual Integrations
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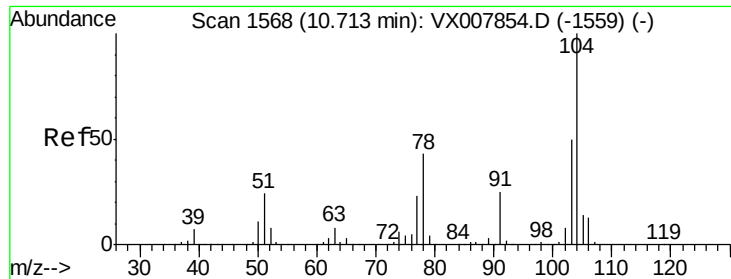
MMDadoda
3/13/2019 10:14:04 AM



#69
o-Xylene
Concen: 48.750 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion:106 Resp: 184419
Ion Ratio Lower Upper
106 100
91 212.4 106.3 318.9





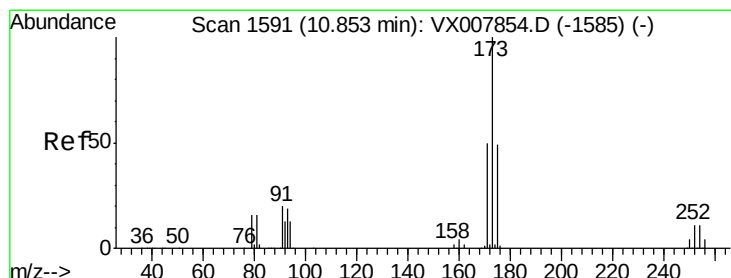
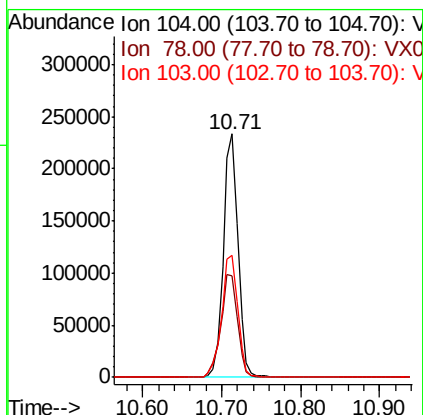
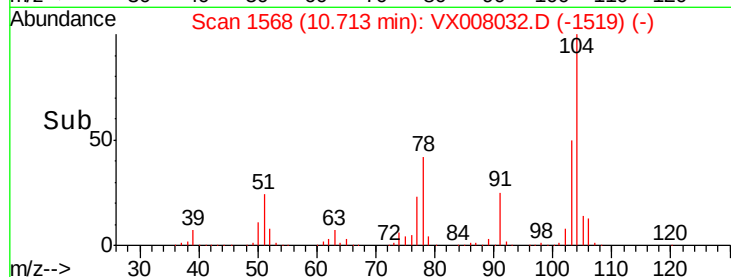
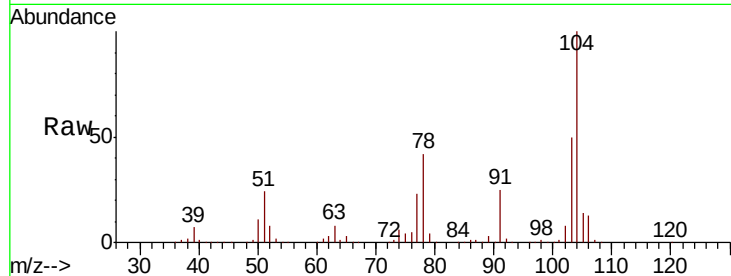
#70
Styrene
Concen: 48.750 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	38.5	57.7
103	55.8	44.1	66.1

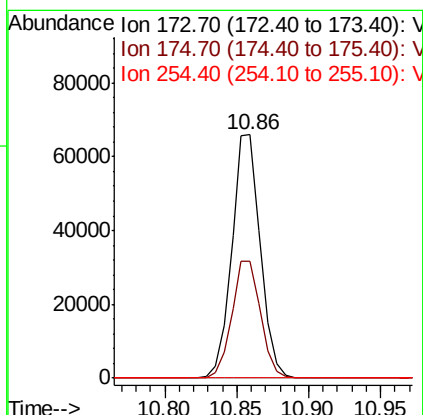
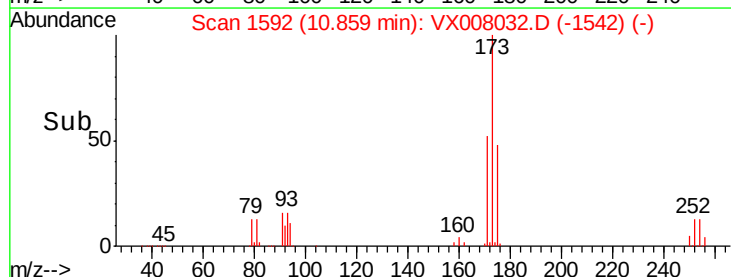
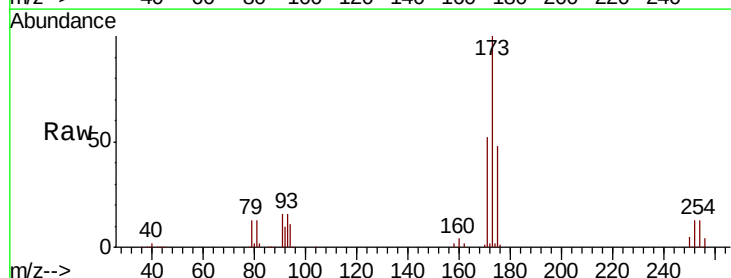
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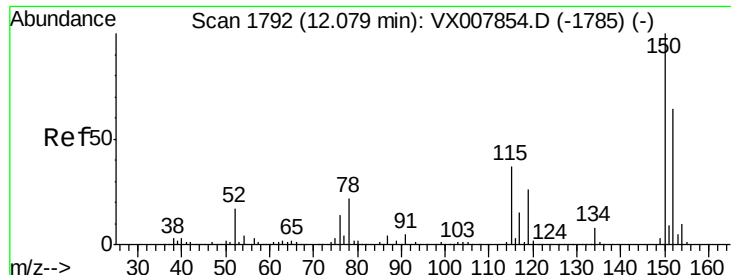
MMDadoda
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#71
Bromoform
Concen: 47.878 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.3	72.9
254	0.2	0.1	0.1#





#72

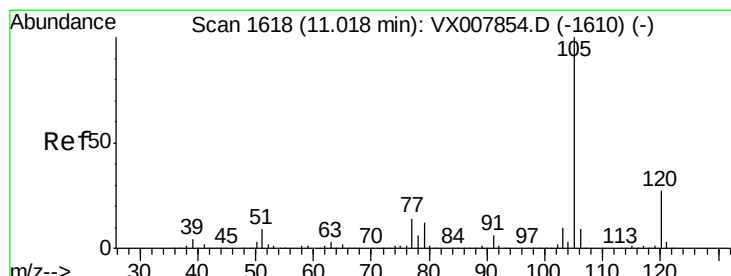
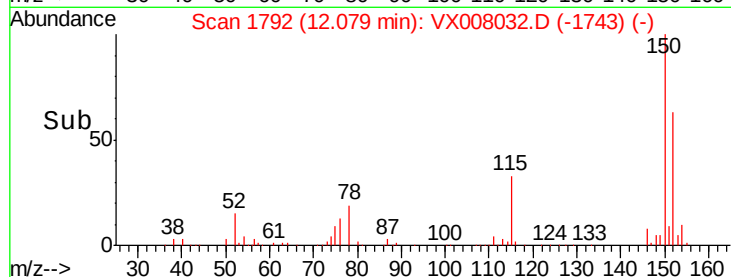
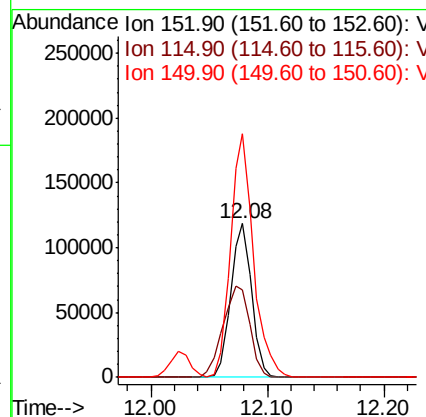
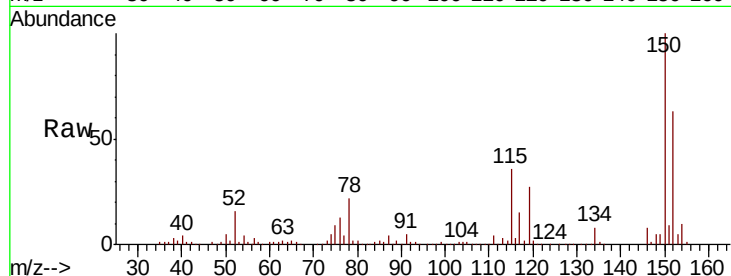
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	146582		
115	76.0	38.6	115.7	
150	173.3	0.0	348.4	

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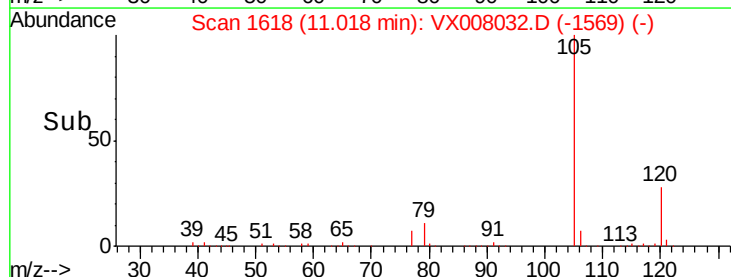
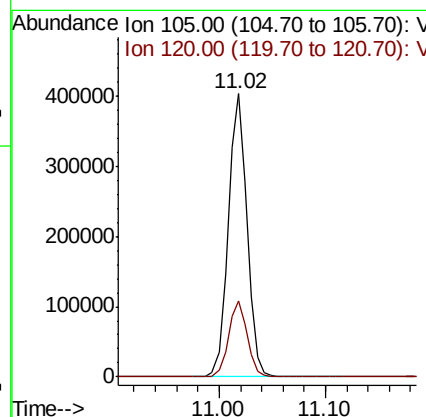
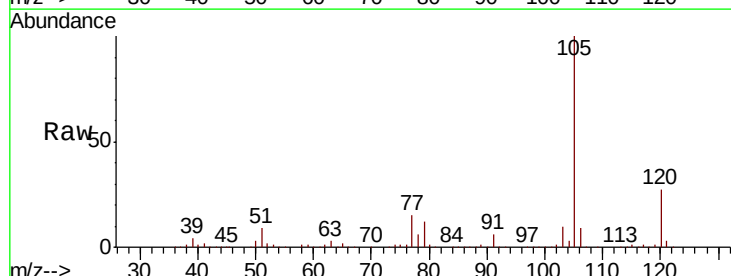
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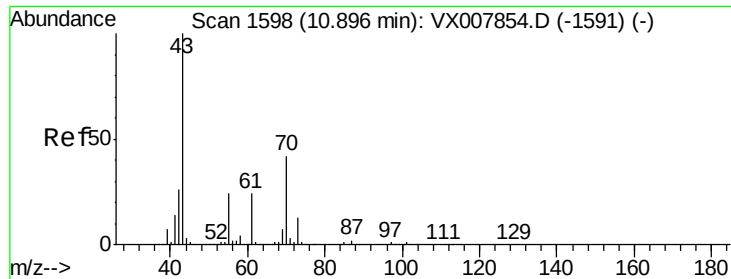


#73

Isopropylbenzene
Concen: 49.839 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	494085		
120	26.7	13.4	40.1	





#74

N-amyI acetate

Concen: 40.734 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

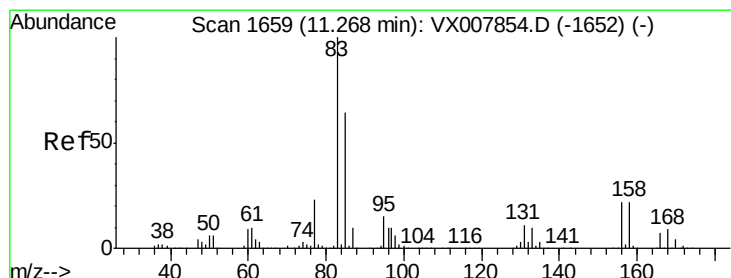
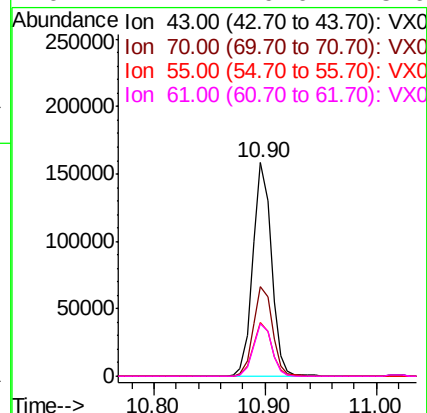
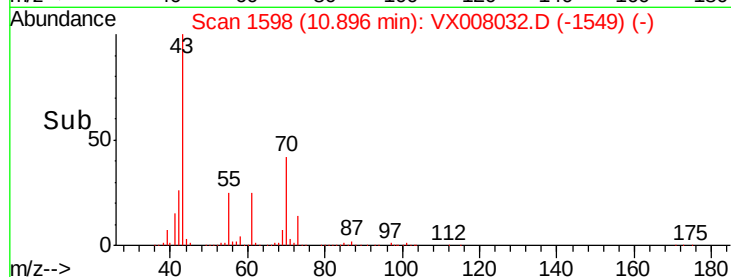
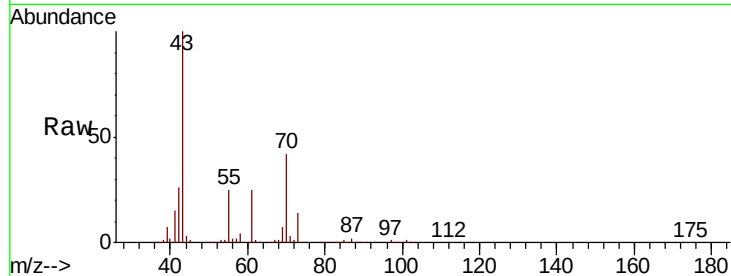
ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.2	33.5	50.3
55	25.4	19.2	28.8
61	24.7	19.0	28.6

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 47.145 ug/l

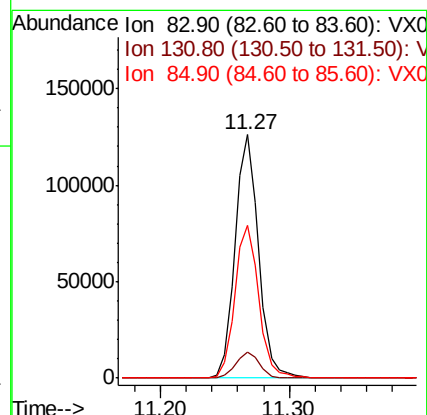
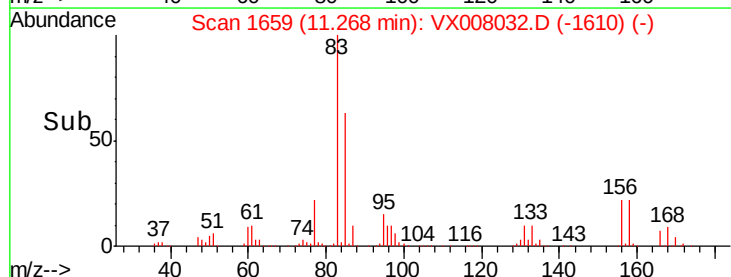
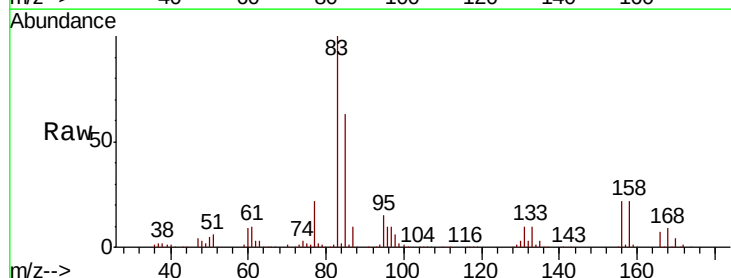
RT: 11.27 min Scan# 1659

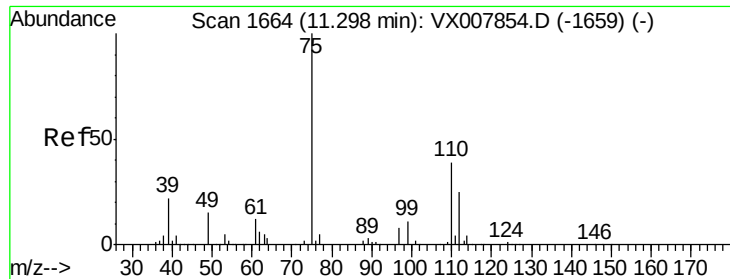
Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.4	16.2
85	63.9	32.3	96.8





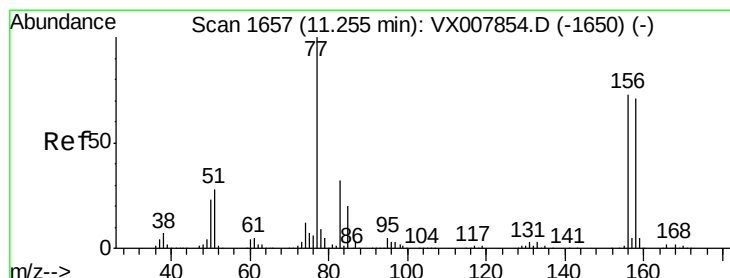
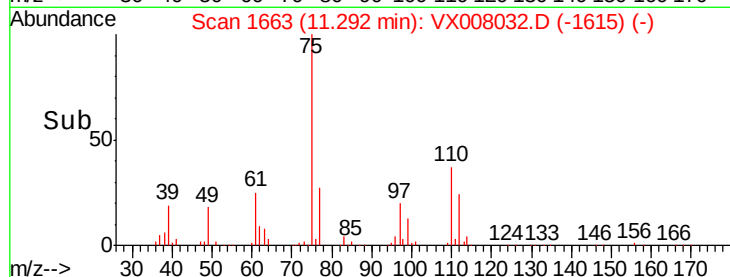
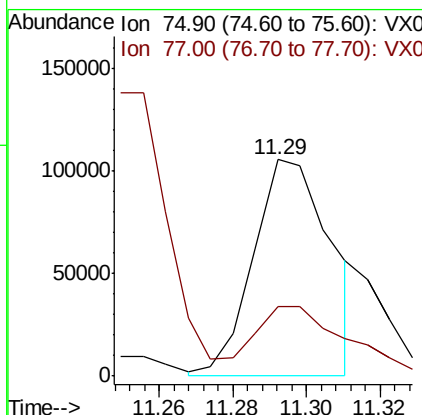
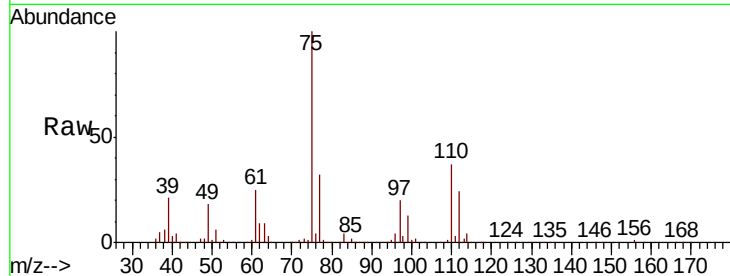
#76
 1,2,3-Trichloropropane
 Concen: 50.406 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

Tgt Ion: 75 Resp: 155044
 Ion Ratio Lower Upper
 75 100
 77 39.5 18.9 56.7

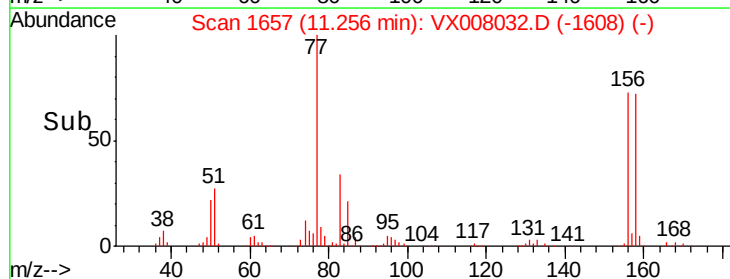
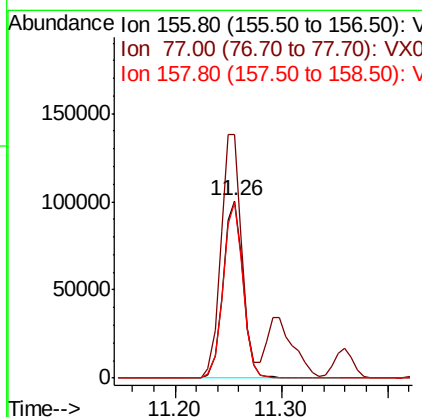
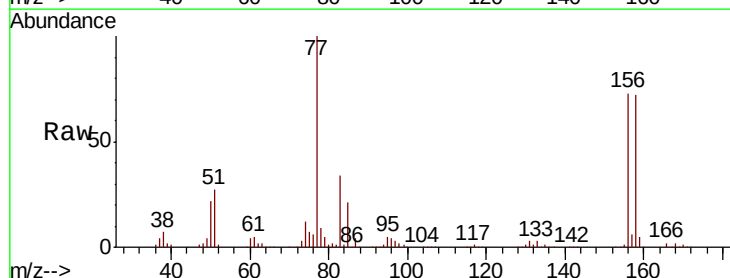
Manual Integrations
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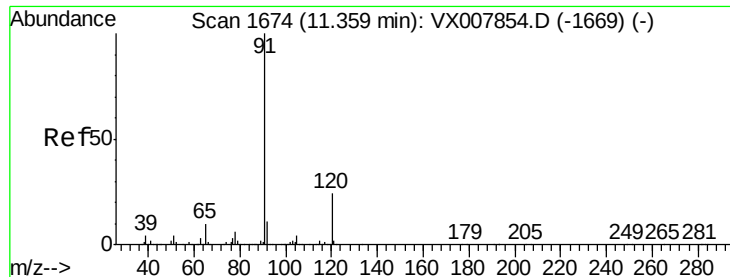
MMDadoda
 3/13/2019 10:14:04 AM



#77
 Bromobenzene
 Concen: 48.543 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Tgt Ion: 156 Resp: 131937
 Ion Ratio Lower Upper
 156 100
 77 141.1 72.0 215.9
 158 98.0 48.6 145.9





#78

n-propylbenzene

Concen: 49.614 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

Tgt Ion: 91 Resp: 545649

Ion Ratio Lower Upper

91 100

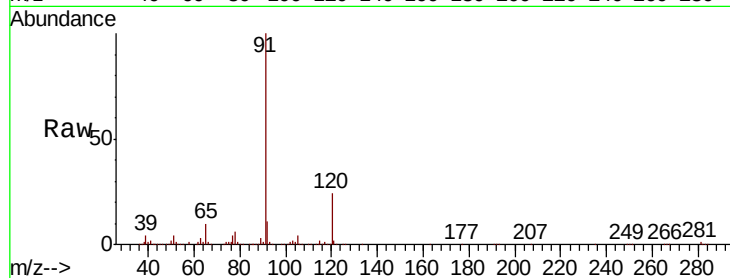
120 24.0 12.0 36.0

Manual Integrations

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MMDadoda

3/13/2019 10:14:04 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

100000

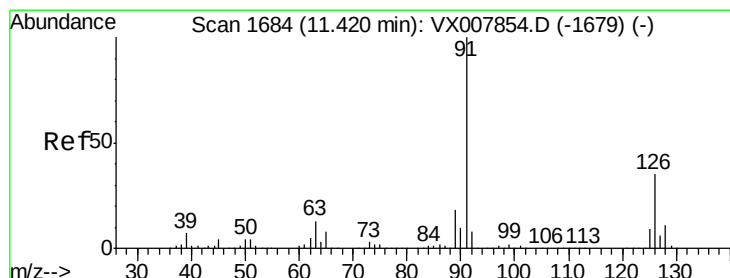
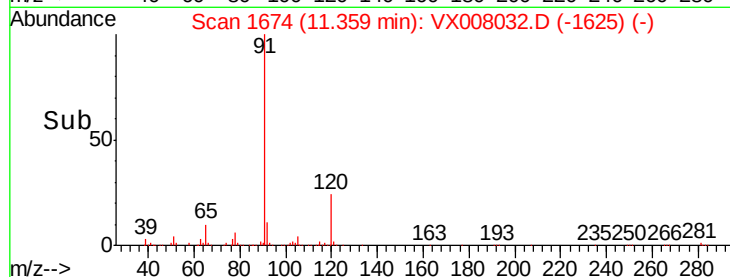
0

11.30

11.35

11.40

Time-->



#79

2-Chlorotoluene

Concen: 48.629 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008032.D

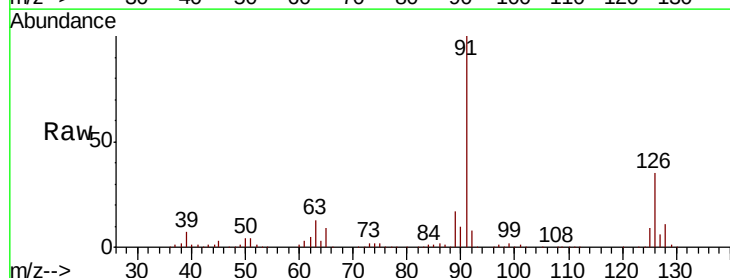
Acq: 12 Mar 2019 22:20

Tgt Ion: 91 Resp: 327003

Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

500000

400000

300000

200000

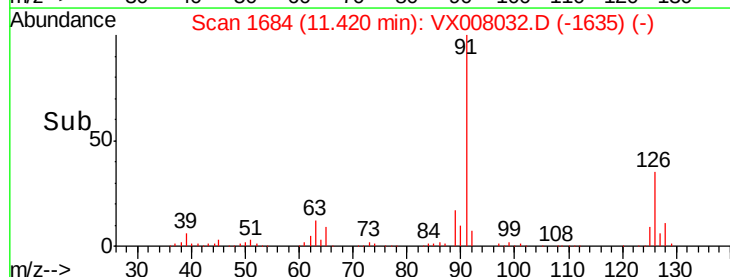
100000

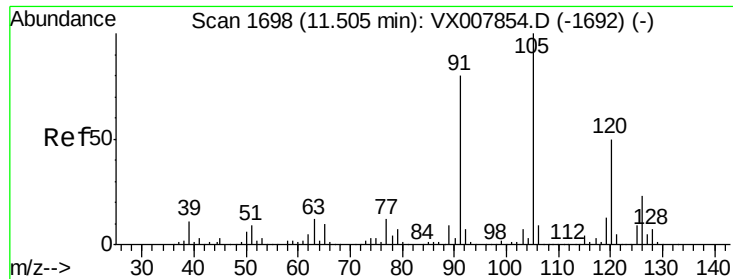
0

11.40

11.45

Time-->





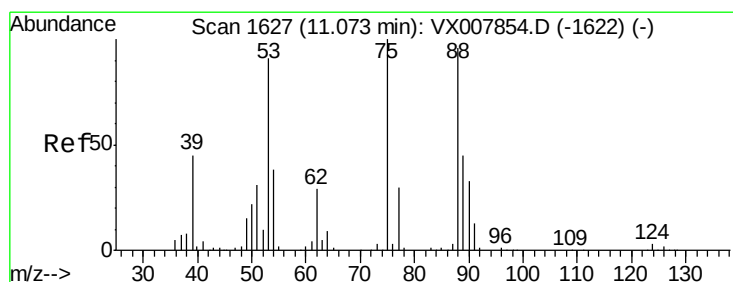
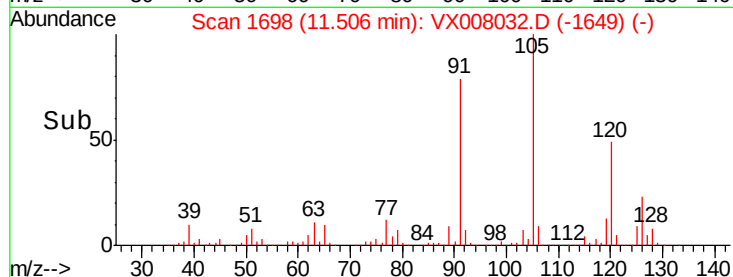
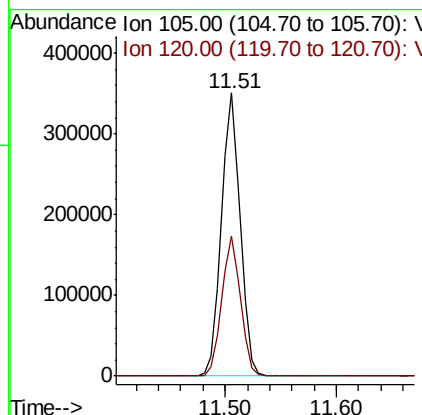
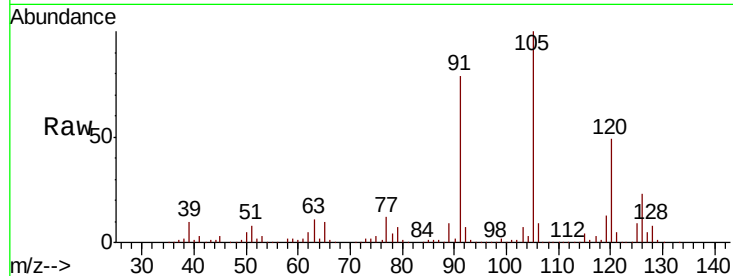
#80
 1,3,5-Trimethylbenzene
 Concen: 50.282 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

Tgt Ion: 105 Resp: 410269
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.9 74.6

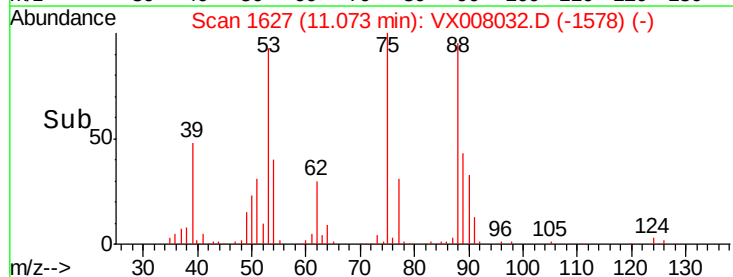
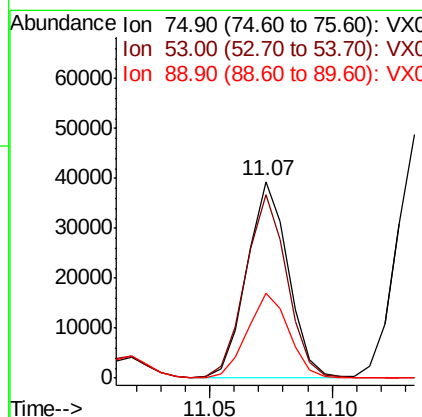
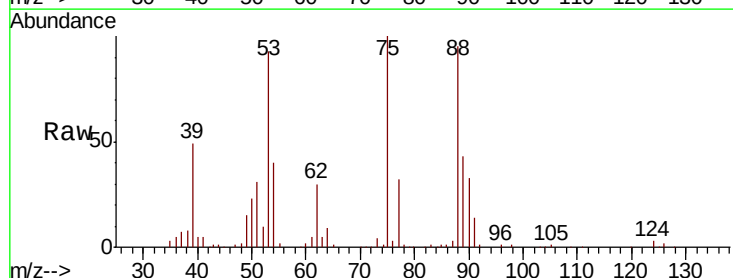
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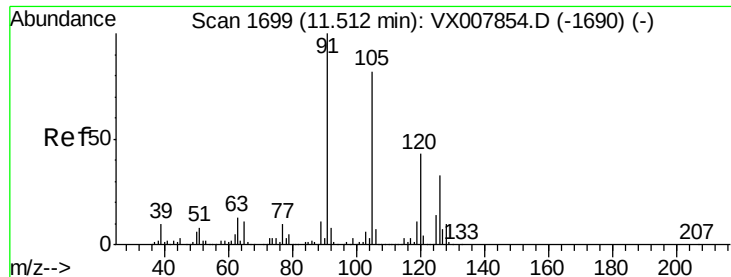
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.880 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Tgt Ion: 75 Resp: 46074
 Ion Ratio Lower Upper
 75 100
 53 94.6 76.1 114.1
 89 44.0 36.3 54.5





#82

4-Chlorotoluene

Concen: 48.492 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

Tgt Ion: 91 Resp: 373683

Ion Ratio Lower Upper

91 100

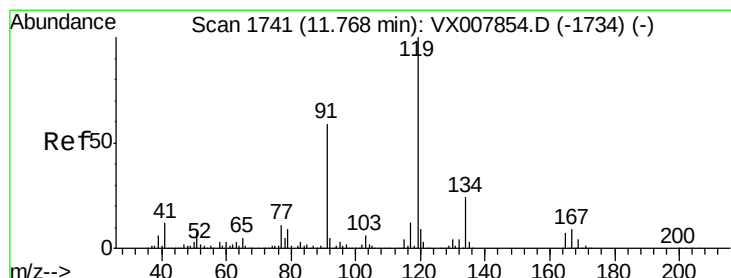
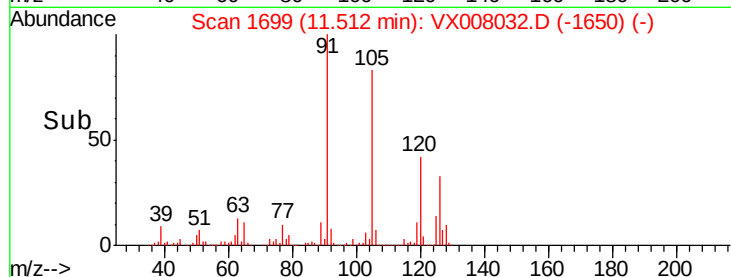
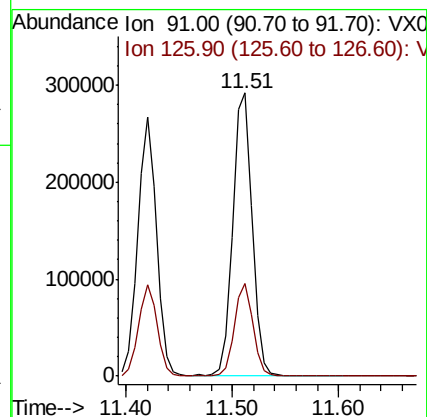
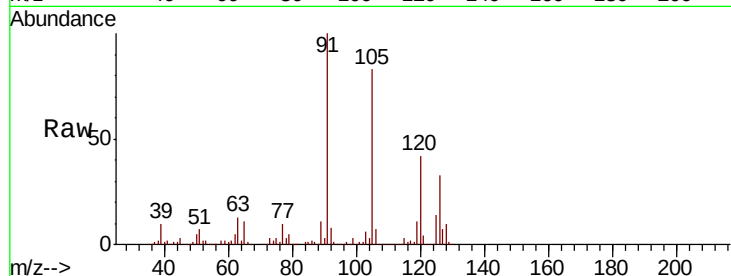
126 31.4 15.6 46.8

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#83

tert-Butylbenzene

Concen: 49.995 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

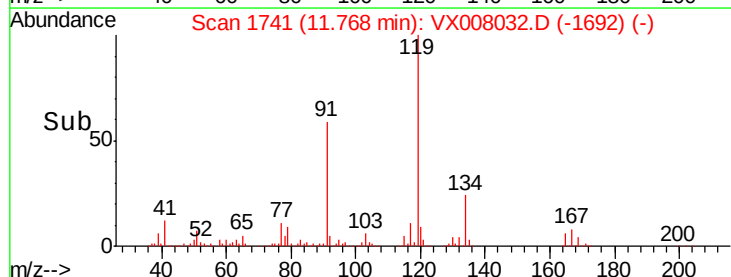
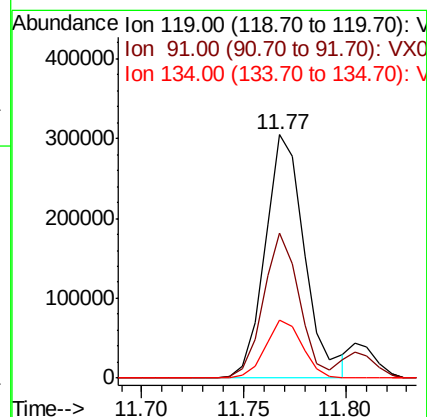
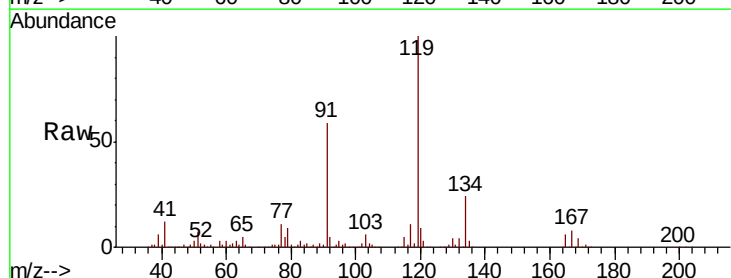
Tgt Ion: 119 Resp: 410903

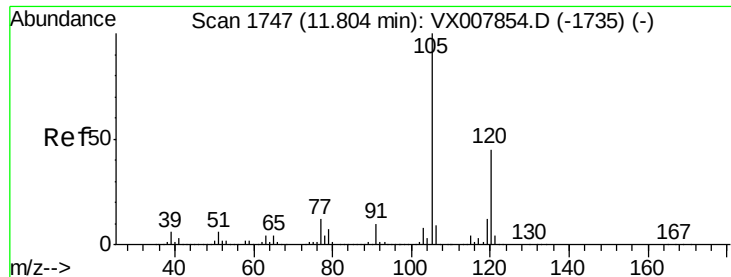
Ion Ratio Lower Upper

119 100

91 54.4 27.1 81.3

134 22.6 11.4 34.1





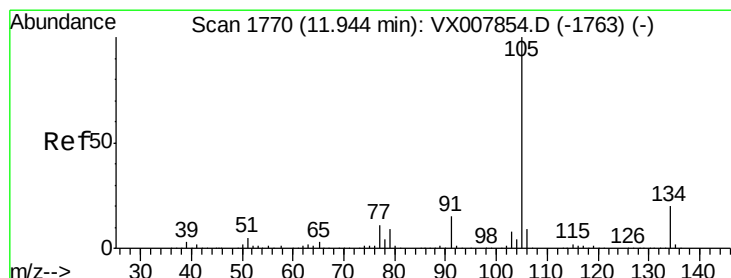
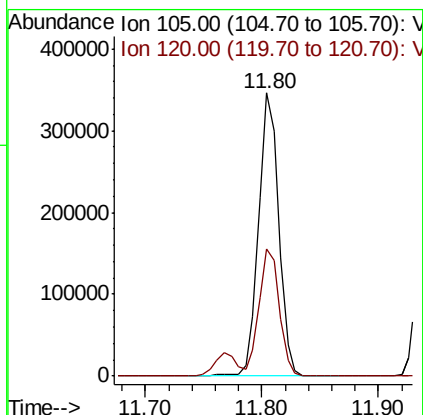
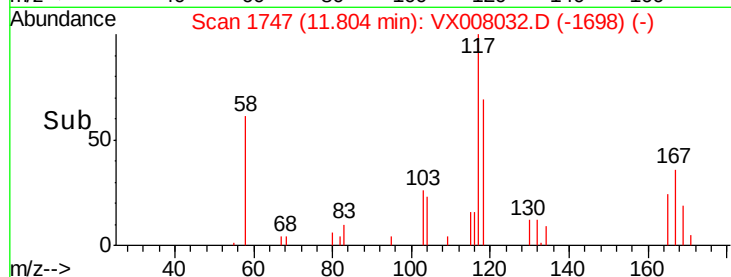
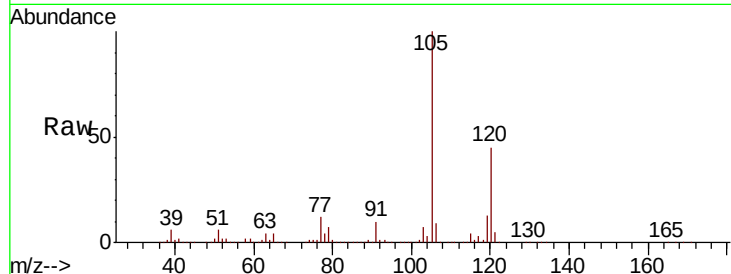
#84
 1,2,4-Trimethylbenzene
 Concen: 50.339 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

Tgt Ion:105 Resp: 421059
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.6 67.7

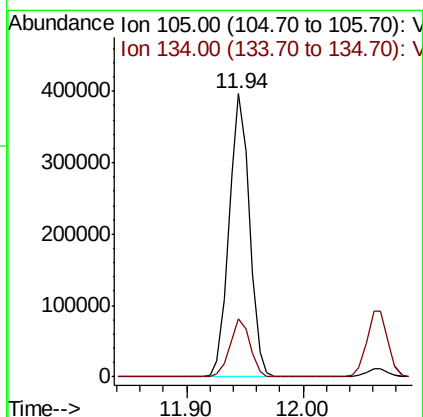
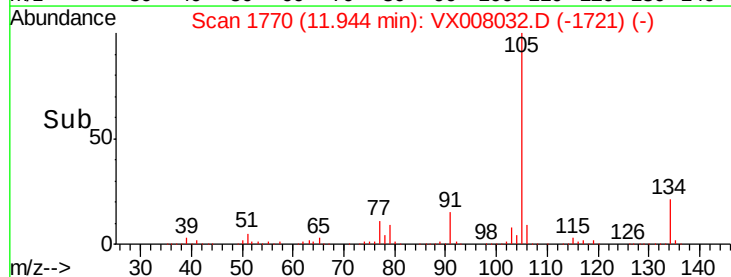
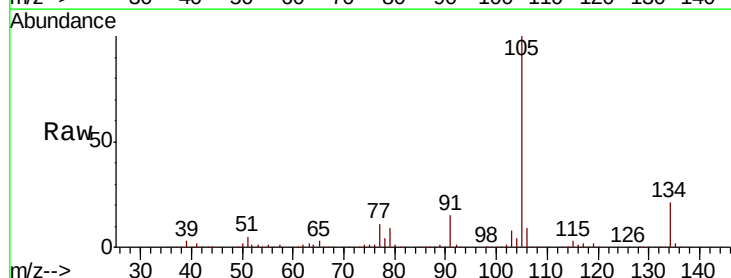
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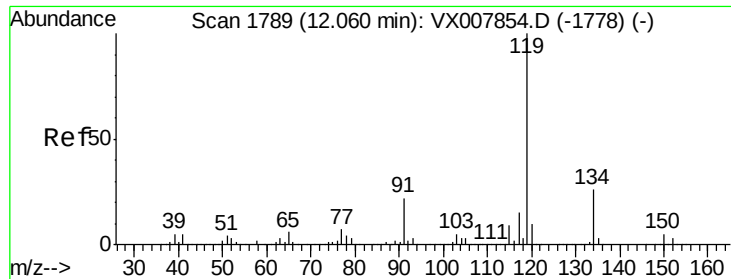
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#85
 sec-Butylbenzene
 Concen: 49.793 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Tgt Ion:105 Resp: 481987
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2





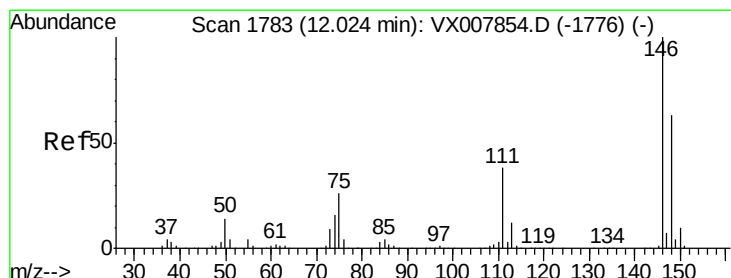
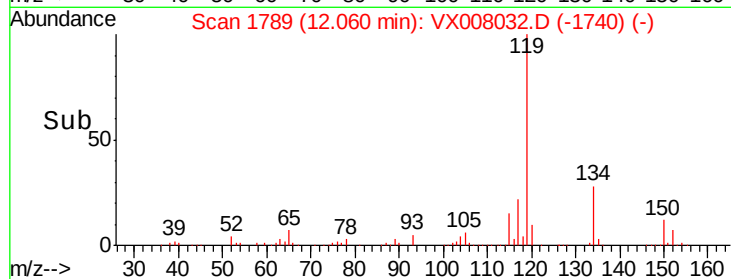
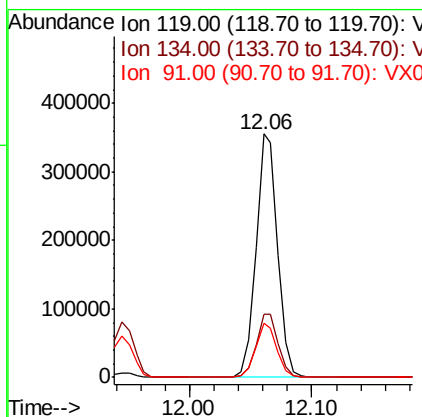
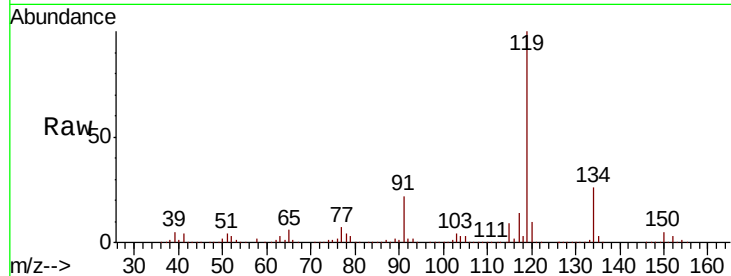
#86
p-Isopropyltoluene
Concen: 50.395 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.3	39.9
91	21.8	10.9	32.7

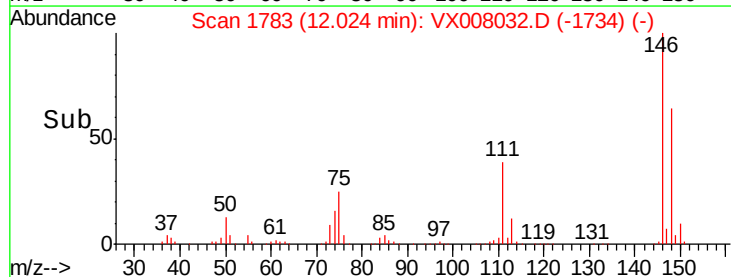
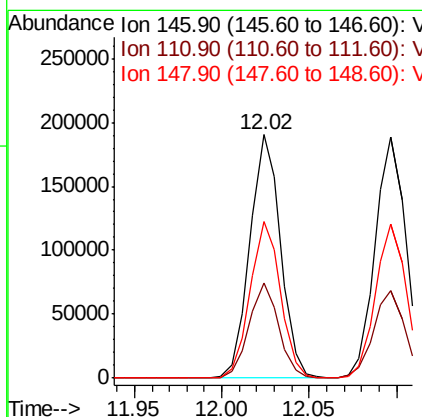
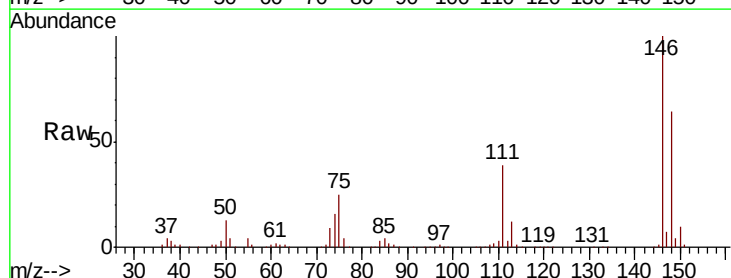
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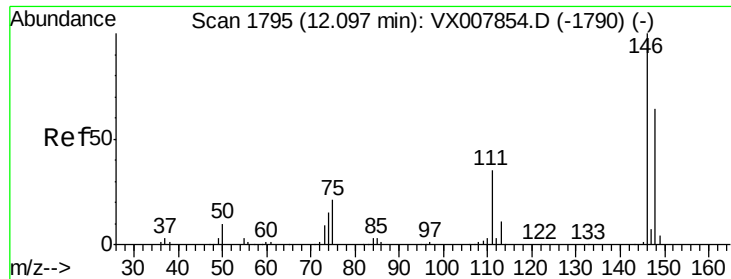
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#87
1,3-Dichlorobenzene
Concen: 48.148 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	63.9	31.7	95.1





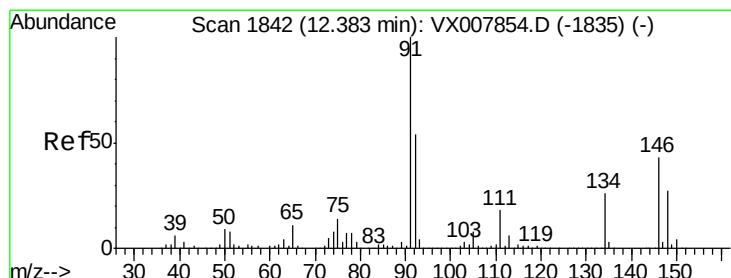
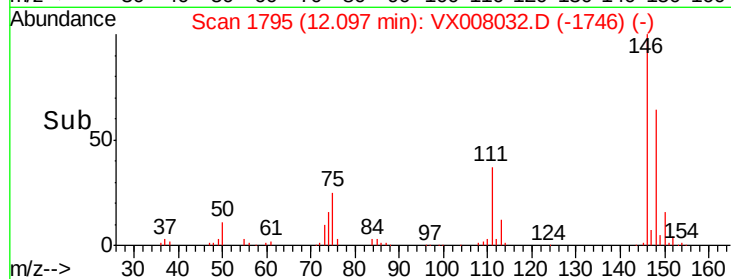
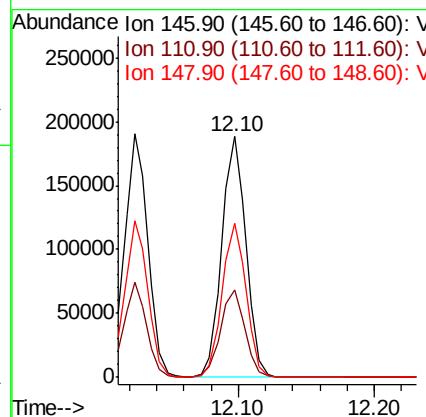
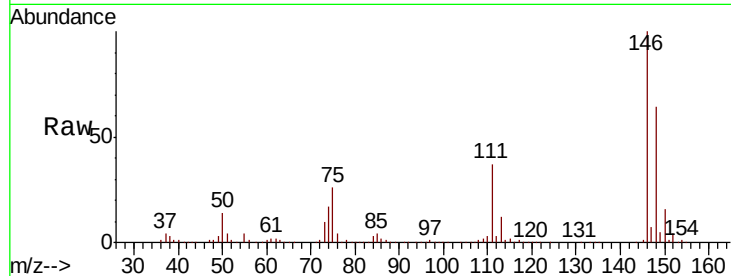
#88
 1,4-Dichlorobenzene
 Concen: 47.045 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.0
148	63.9	32.2	96.6

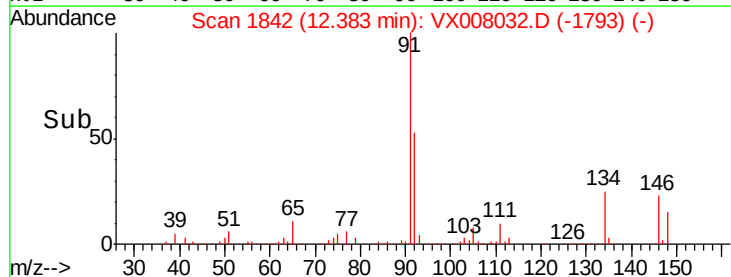
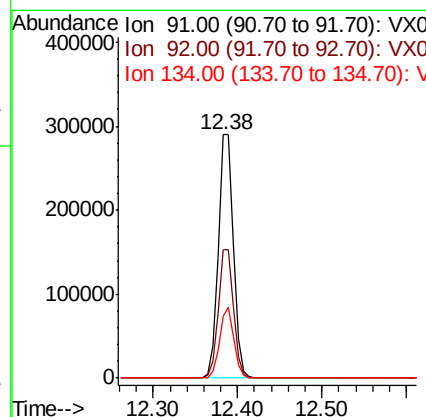
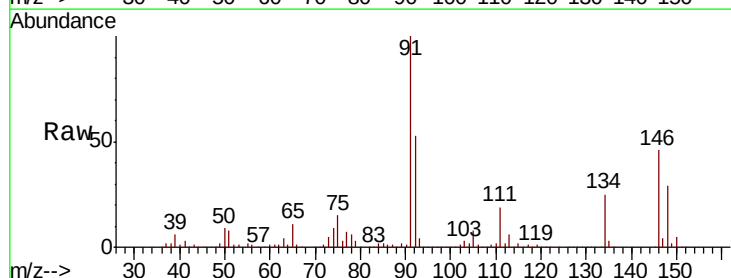
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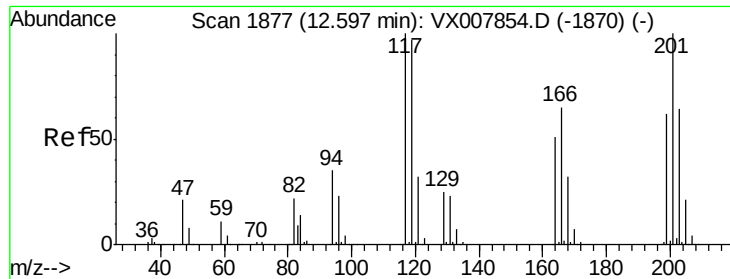
MMDadoda
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#89
 n-Butylbenzene
 Concen: 49.072 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.0	80.8
134	27.2	13.7	41.0





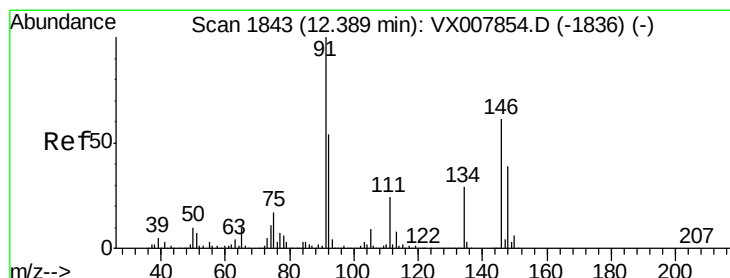
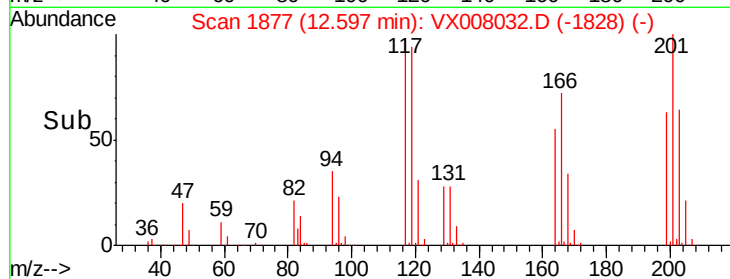
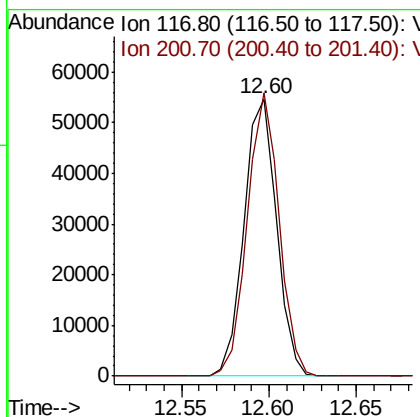
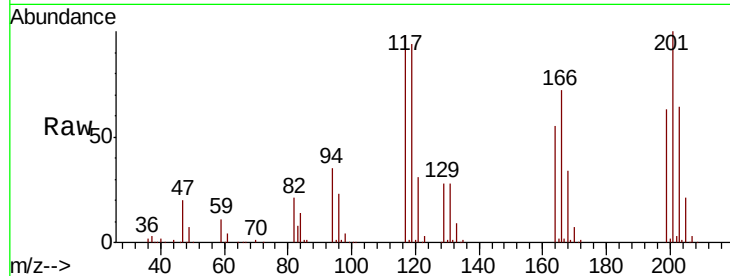
#90
Hexachloroethane
Concen: 48.857 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M20W2-030619MS

Tgt Ion:117 Resp: 70815
Ion Ratio Lower Upper
117 100
201 99.5 48.9 146.7

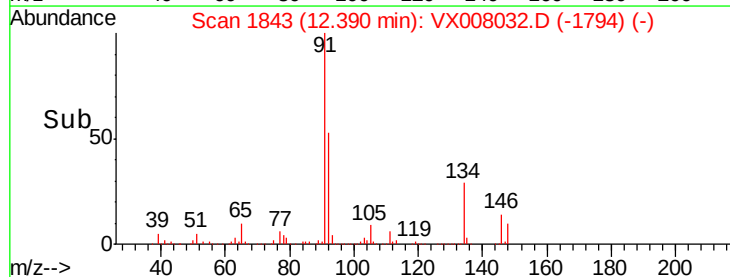
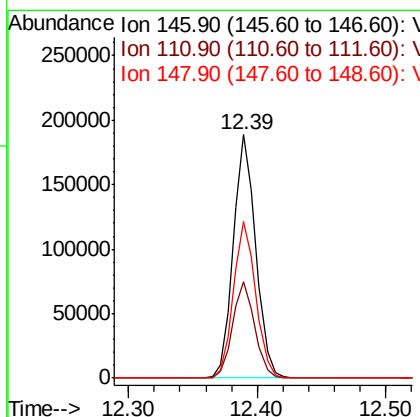
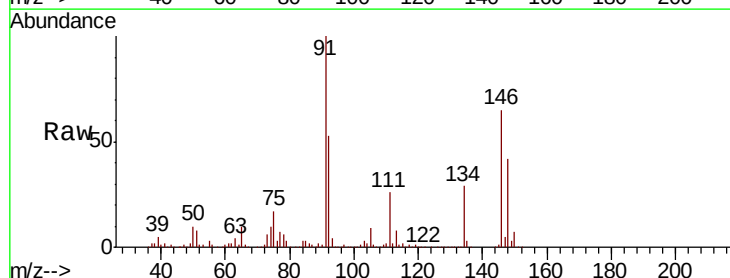
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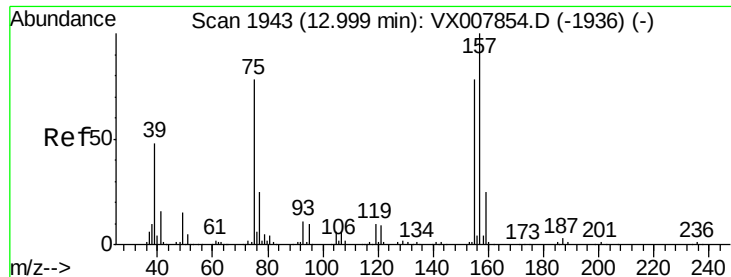
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#91
1,2-Dichlorobenzene
Concen: 48.008 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX008032.D
Acq: 12 Mar 2019 22:20

Tgt Ion:146 Resp: 229325
Ion Ratio Lower Upper
146 100
111 39.1 19.6 58.8
148 64.0 31.9 95.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 46.765 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

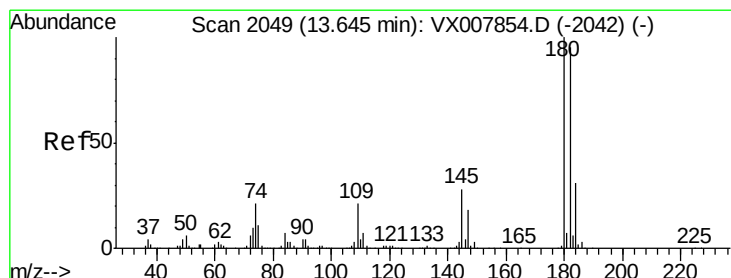
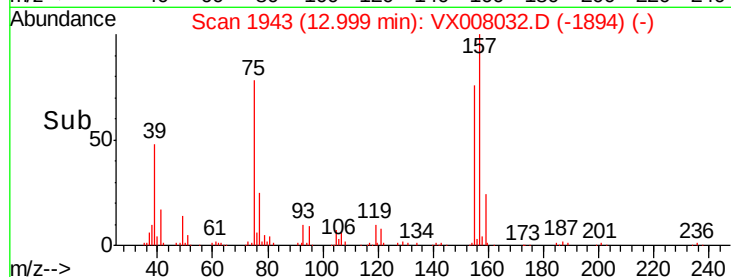
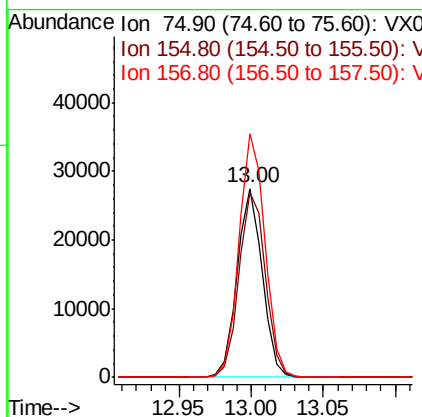
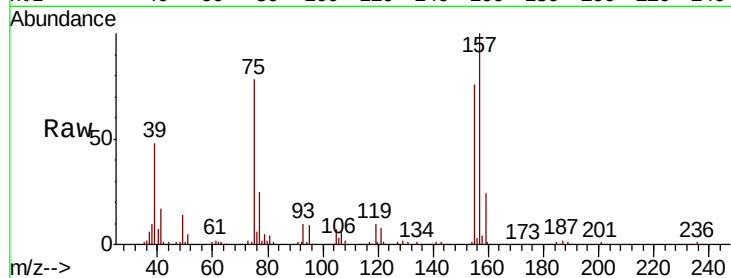
ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

Tgt Ion:	75	Resp:	33421
Ion Ratio	Lower	Upper	
75	100		
155	102.2	49.7	149.1
157	132.2	63.8	191.4

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#93

1,2,4-Trichlorobenzene

Concen: 47.918 ug/l

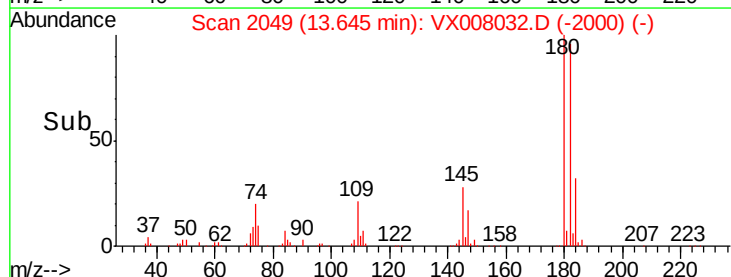
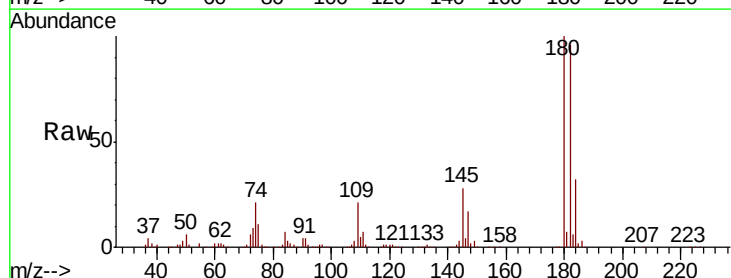
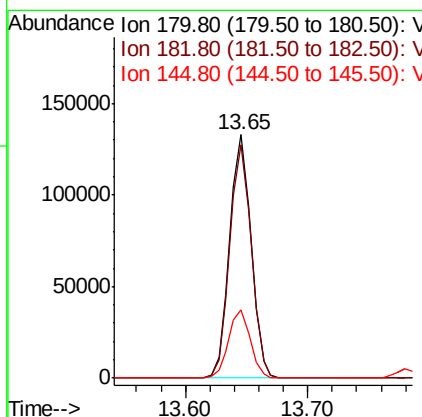
RT: 13.65 min Scan# 2049

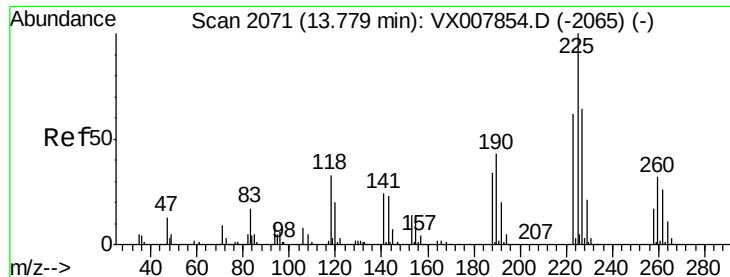
Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Tgt Ion:	180	Resp:	160798
Ion Ratio	Lower	Upper	
180	100		
182	96.3	47.9	143.7
145	28.5	14.1	42.4





#94

Hexachlorobutadiene

Concen: 49.148 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Instrument :

MSVOA_X

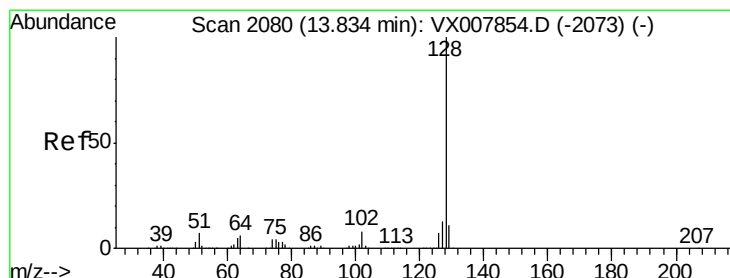
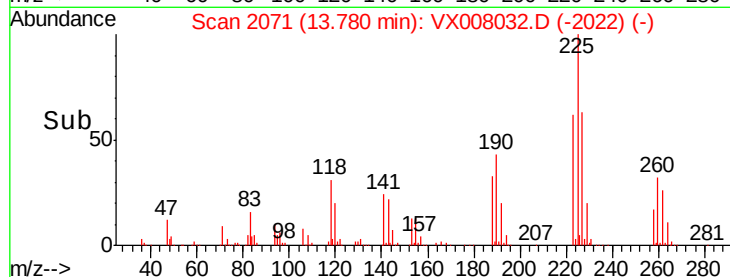
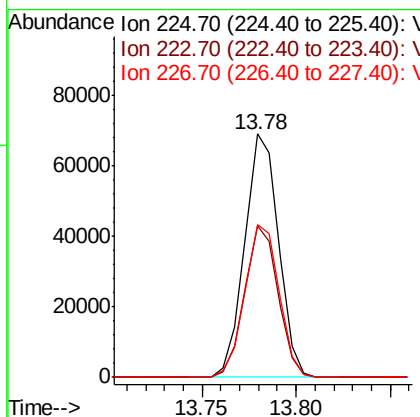
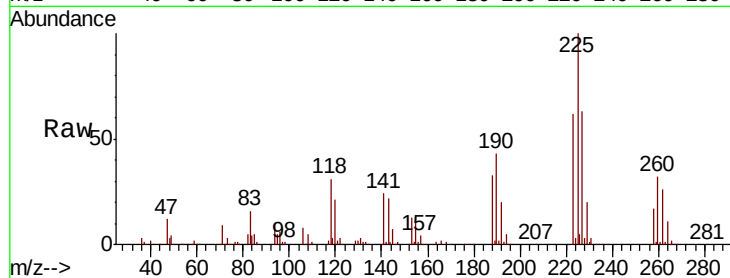
ClientSampleId :

CPA-CPMW05D-M20W2-030619MS

Tgt Ion:	225	Resp:	86228
Ion Ratio	Lower	Upper	
225	100		
223	61.8	31.1	93.2
227	63.4	32.0	96.0

Manual Integrations
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#95

Naphthalene

Concen: 50.090 ug/l

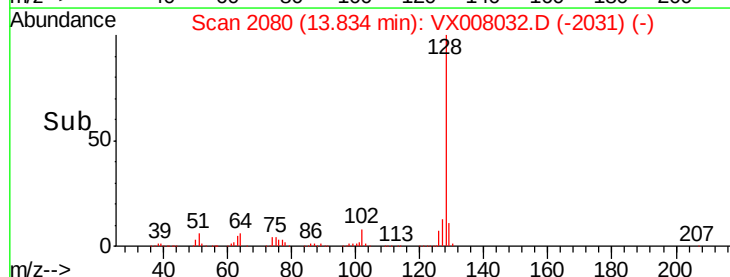
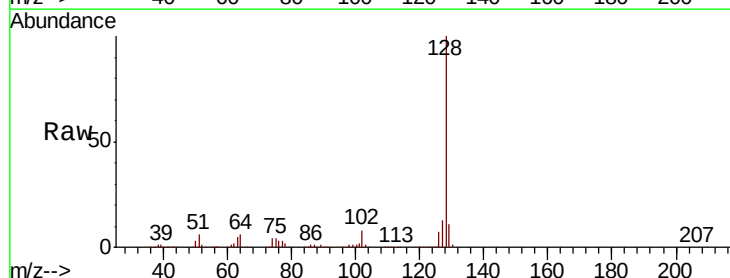
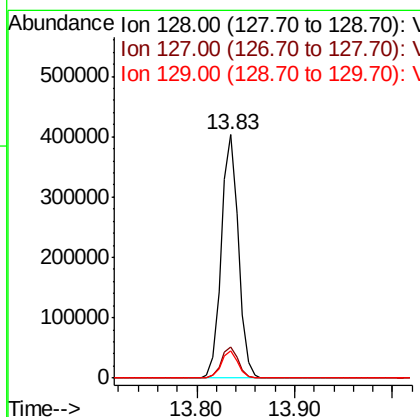
RT: 13.83 min Scan# 2080

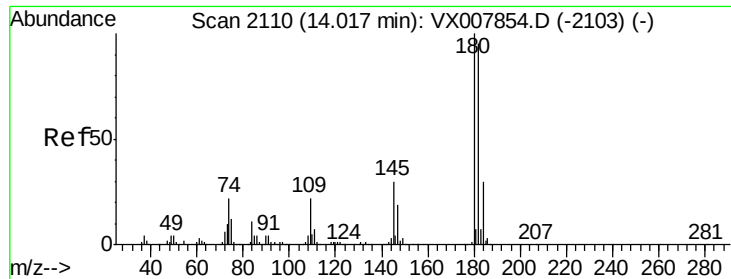
Delta R.T. 0.00 min

Lab File: VX008032.D

Acq: 12 Mar 2019 22:20

Tgt Ion:	128	Resp:	484312
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	11.0	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 48.723 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX008032.D
 Acq: 12 Mar 2019 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	162874		
182	95.4	47.5	142.5	
145	29.7	14.8	44.3	

Manual Integrations
 APPROVED

MMDadoda
 3/13/2019 10:14:04 AM

