

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092818\
 Data File : VX004855.D
 Acq On : 29 Sep 2018 07:12
 Operator : JC/MD
 Sample : J5134-07MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW505-0913MS

Manual Integrations
 APPROVED

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 10/1/2018 1:31:31 PM

Quant Time: Oct 01 09:19:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	216708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	331526	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192530	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	163946	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
35) Dibromofluoromethane	5.51	113	134365	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
50) Toluene-d8	8.72	98	503902	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
62) 4-Bromofluorobenzene	11.14	95	186140	55.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	174544	59.072	ug/l	98
3) Chloromethane	1.32	50	190950	53.266	ug/l	99
4) Vinyl Chloride	1.40	62	190689	56.715	ug/l	99
5) Bromomethane	1.64	94	92132	46.210	ug/l	99
6) Chloroethane	1.71	64	112659	62.045	ug/l	97
7) Trichlorofluoromethane	1.93	101	242026	58.146	ug/l	95
8) Diethyl Ether	2.19	74	96510	53.372	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.38	101	129383	54.569	ug/l	98
10) Methyl Iodide	2.51	142	125580	39.580	ug/l	97
11) Tert butyl alcohol	3.07	59	248064	286.587	ug/l	98
12) 1,1-Dichloroethene	2.37	96	128442	54.700	ug/l	94
13) Acrolein	2.29	56	111657	181.304	ug/l	97
14) Allyl chloride	2.73	41	283944	55.422	ug/l	94
15) Acrylonitrile	3.15	53	528823	277.529	ug/l	99
16) Acetone	2.45	43	471249	260.745	ug/l	96
17) Carbon Disulfide	2.57	76	372789	52.835	ug/l	100
18) Methyl Acetate	2.78	43	233883	51.077	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	474310	58.561	ug/l	97
20) Methylene Chloride	2.85	84	152187	58.050	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	138555	53.904	ug/l	95
22) Diisopropyl ether	3.87	45	490995	56.912	ug/l	91
23) Vinyl Acetate	3.82	43	1874236	237.333	ug/l	95
24) 1,1-Dichloroethane	3.70	63	273406	53.127	ug/l	98
25) 2-Butanone	4.70	43	710831	266.825	ug/l	94
26) 2,2-Dichloropropane	4.58	77	129269	36.072	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	150609	52.450	ug/l	97
28) Bromochloromethane	5.02	49	129394	53.393	ug/l	89
29) Tetrahydrofuran	5.15	42	467062	282.077	ug/l	91
30) Chloroform	5.21	83	260864	53.634	ug/l	100
31) Cyclohexane	5.57	56	231272	58.716	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	220722	55.568	ug/l	99
36) 1,1-Dichloropropene	5.80	75	190990	49.821	ug/l	99
37) Ethyl Acetate	4.85	43	222069	43.640	ug/l	97
38) Carbon Tetrachloride	5.78	117	192850	47.857	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	212205	54.211	ug/l	94
40) Benzene	6.14	78	585812	48.812	ug/l	99
41) Methacrylonitrile	5.06	41	142007	50.321	ug/l	96
42) 1,2-Dichloroethane	6.20	62	211072	49.750	ug/l	97
43) Isopropyl Acetate	6.46	43	347030	47.249	ug/l	96
44) Trichloroethene	7.21	130	154135	52.243	ug/l	95
45) 1,2-Dichloropropane	7.52	63	161377	54.831	ug/l	97
46) Dibromomethane	7.66	93	101034	54.623	ug/l	97
47) Bromodichloromethane	7.90	83	193485	55.871	ug/l	100
48) Methyl methacrylate	7.77	41	200455	60.131	ug/l	94
49) 1,4-Dioxane	7.76	88	92215	1113.437	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1342811	290.368	ug/l	95
52) Toluene	8.79	92	366332	55.550	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	204479	52.251	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	216512	52.821	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	151930	52.595	ug/l	98
56) Ethyl methacrylate	9.18	69	237495	50.627	ug/l	93
57) 1,3-Dichloropropane	9.37	76	258667	53.803	ug/l	100
59) 2-Hexanone	9.50	43	1070376	277.753	ug/l	93
60) Dibromochloromethane	9.59	129	158421	54.838	ug/l	100
61) 1,2-Dibromoethane	9.68	107	156236	50.503	ug/l	100
64) Tetrachloroethene	9.34	164	146301	46.903	ug/l	98
65) Chlorobenzene	10.14	112	404446	49.767	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	147767	51.720	ug/l	99
67) Ethyl Benzene	10.26	91	688908	53.394	ug/l	97
68) m/p-Xylenes	10.36	106	534979	106.108	ug/l	95
69) o-Xylene	10.70	106	259320	55.998	ug/l	96
70) Styrene	10.71	104	438239	50.572	ug/l	97
71) Bromoform	10.86	173	126804	51.842	ug/l	99
73) Isopropylbenzene	11.02	105	689257	56.797	ug/l	99
74) N-amyl acetate	10.90	43	290740	43.812	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	251281	50.867	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	222997m	51.676	ug/l	
77) Bromobenzene	11.26	156	186493	52.908	ug/l	97
78) n-propylbenzene	11.36	91	783731	56.287	ug/l	99
79) 2-Chlorotoluene	11.42	91	476004	54.845	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	582572	52.387	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	63197	40.342	ug/l	98
82) 4-Chlorotoluene	11.51	91	561297	54.945	ug/l	99
83) tert-Butylbenzene	11.77	119	577151	57.764	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	608592	53.070	ug/l	97
85) sec-Butylbenzene	11.95	105	683431	56.157	ug/l	98
86) p-Isopropyltoluene	12.07	119	605889	54.951	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	337985	51.351	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	342506	50.410	ug/l	99
89) n-Butylbenzene	12.39	91	524503	52.378	ug/l	97
90) Hexachloroethane	12.60	117	98219	53.502	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	346648	50.397	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56497	52.088	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	246900	51.170	ug/l	99

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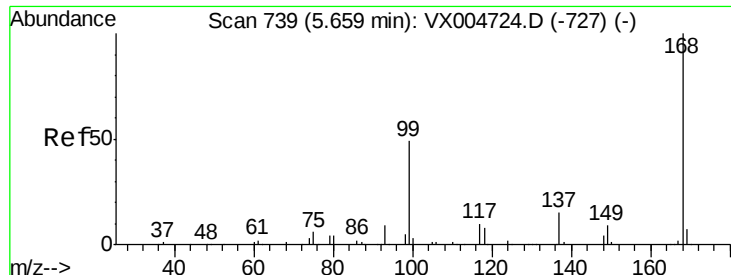
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	112644	45.021	ug/l	96
95) Naphthalene	13.83	128	827630	51.655	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	258899	51.943	ug/l	99

(#) = 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. 0.01 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

Tot Ion:168 Resp: 216708

Ion Ratio Lower Upper

168 100

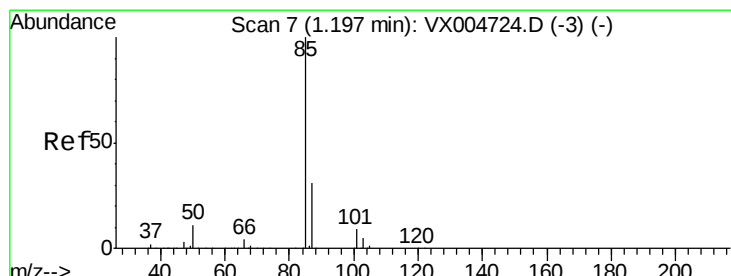
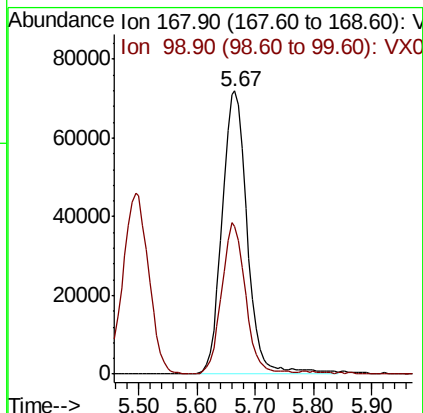
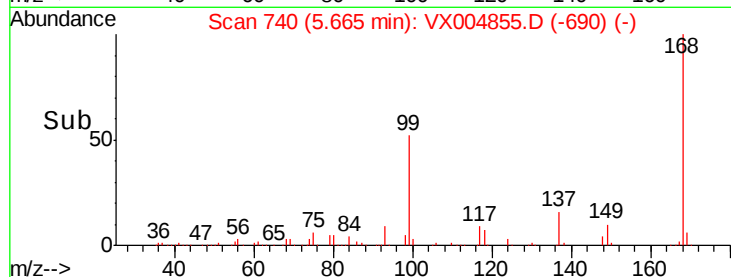
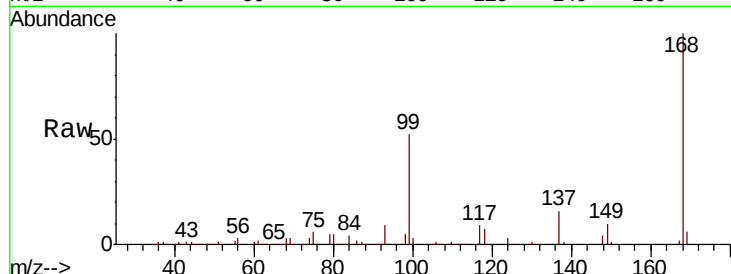
99 52.0 39.9 59.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 59.072 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX004855.D

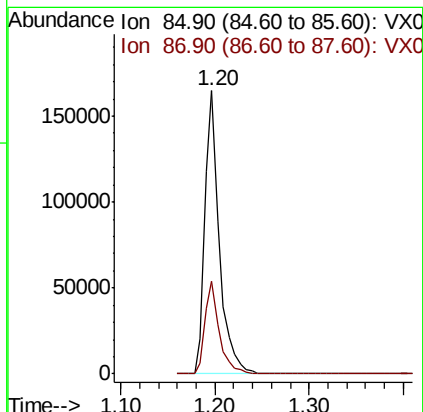
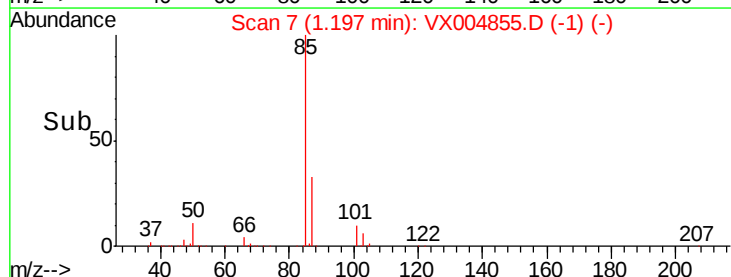
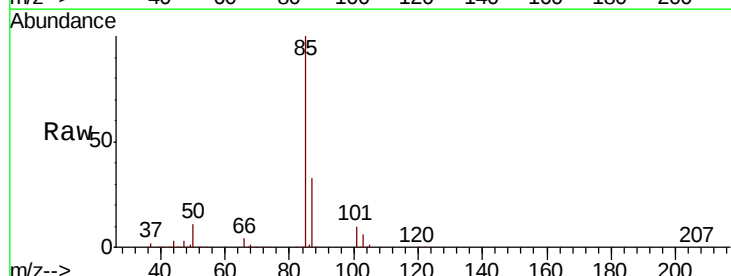
Acq: 29 Sep 2018 07:12

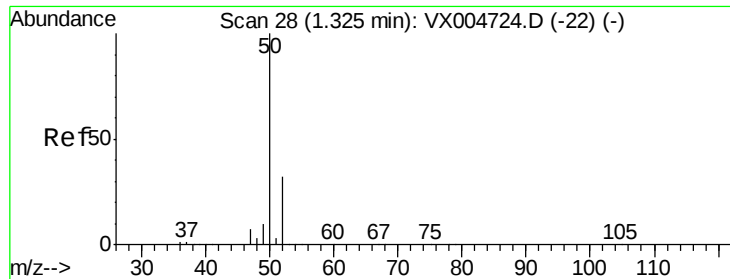
Tgt Ion: 85 Resp: 174544

Ion Ratio Lower Upper

85 100

87 32.9 17.0 50.9





#3

Chloromethane

Concen: 53.266 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

Tot Ion: 50 Resp: 190950

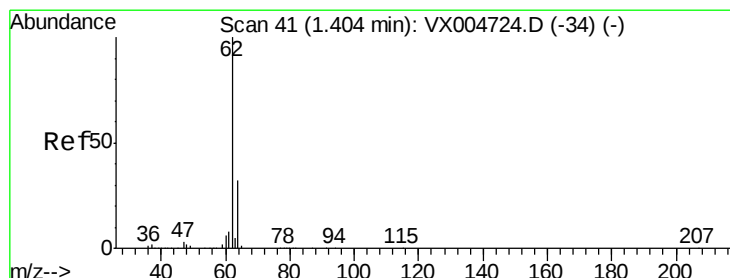
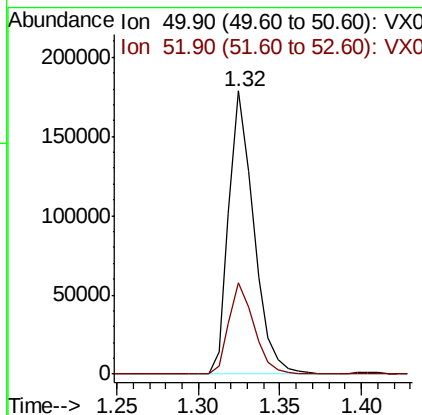
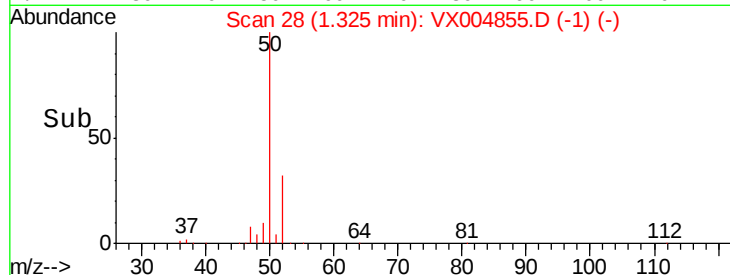
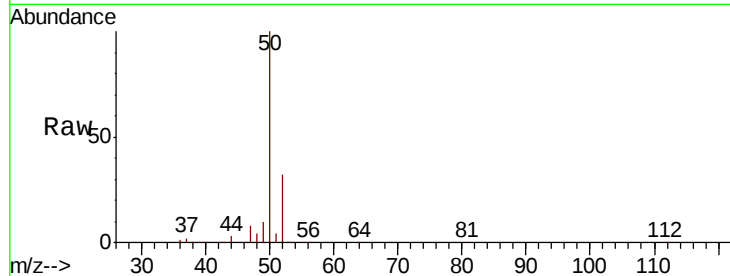
Ion Ratio Lower Upper

50 100

52 32.4 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 56.715 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004855.D

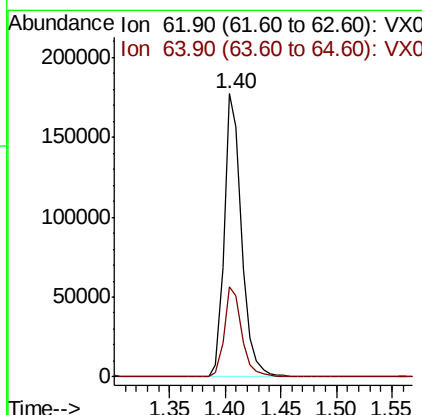
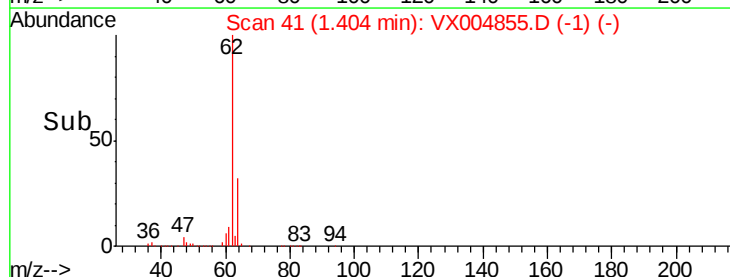
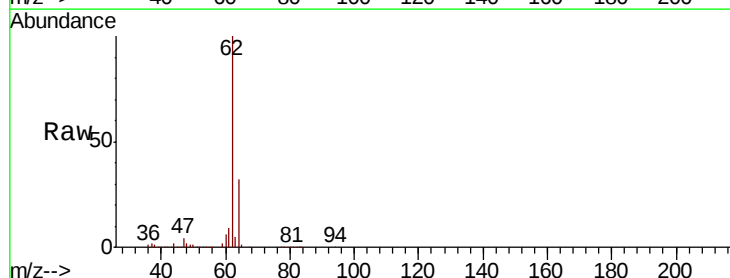
Acq: 29 Sep 2018 07:12

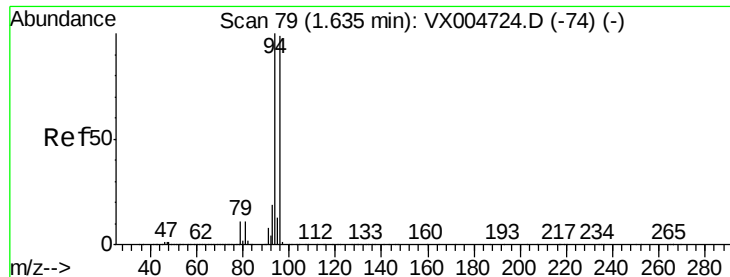
Tgt Ion: 62 Resp: 190689

Ion Ratio Lower Upper

62 100

64 31.6 25.8 38.8





#5

Bromomethane

Concen: 46.210 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

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SA-TW505-0913MS

Tot Ion: 94 Resp: 92132

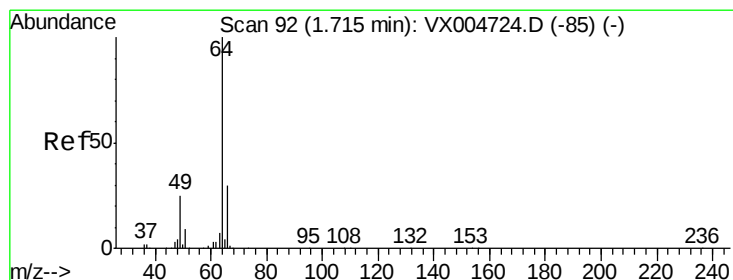
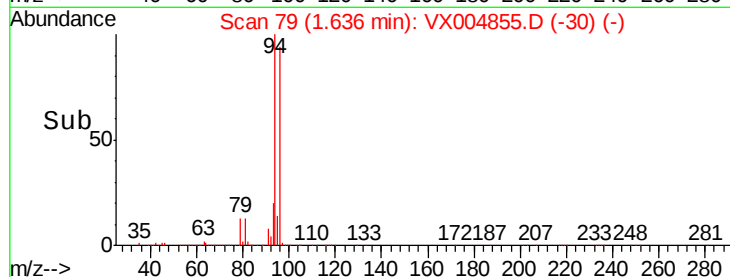
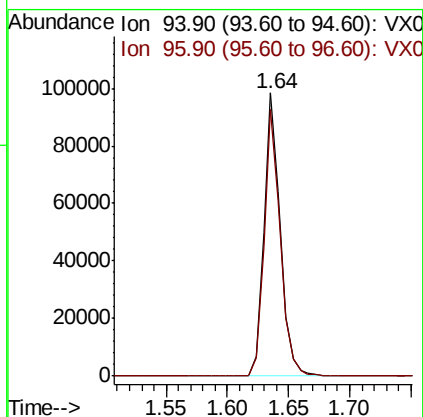
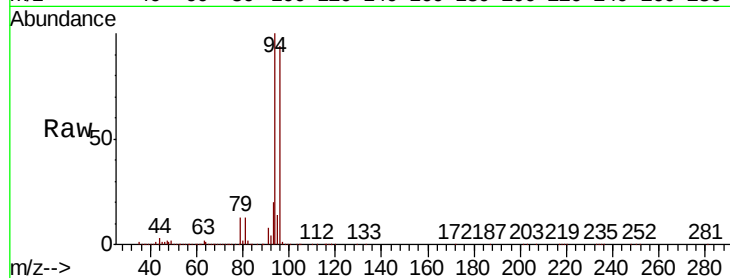
Ion Ratio Lower Upper

94 100

96 94.0 74.5 111.7

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#6

Chloroethane

Concen: 62.045 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004855.D

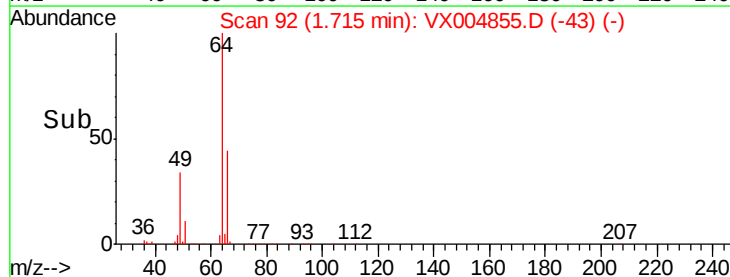
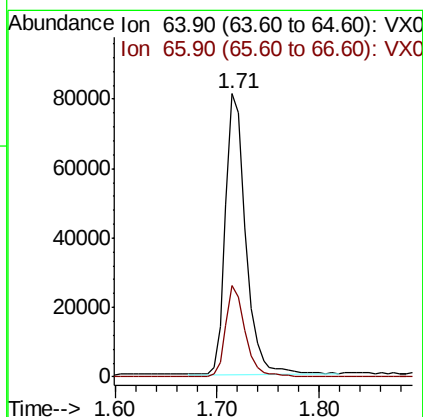
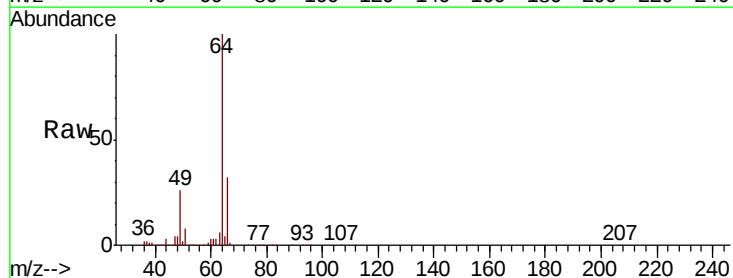
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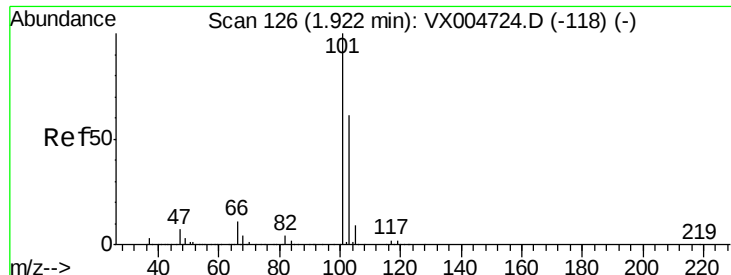
Tgt Ion: 64 Resp: 112659

Ion Ratio Lower Upper

64 100

66 32.6 24.6 36.8





#7

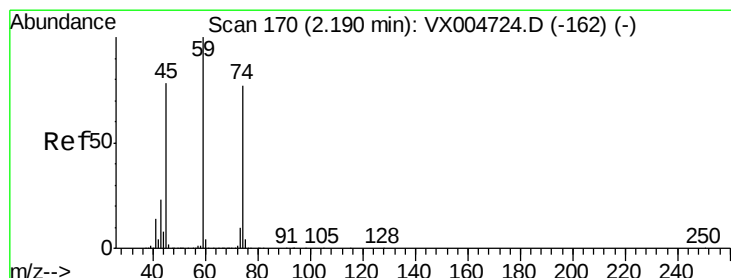
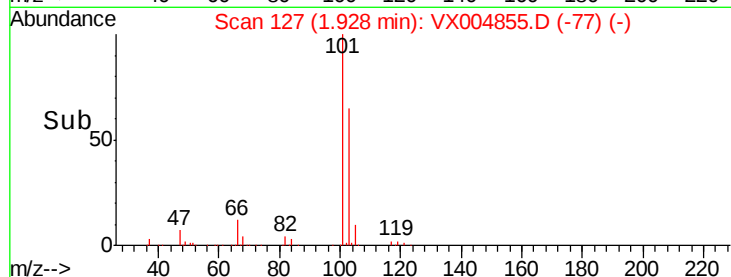
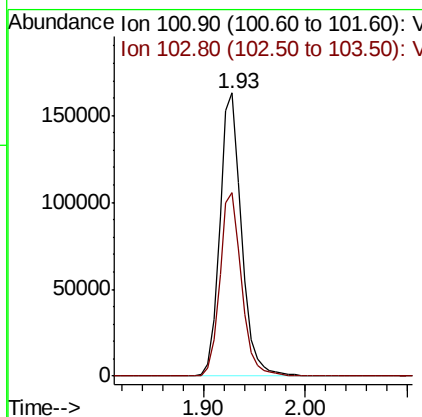
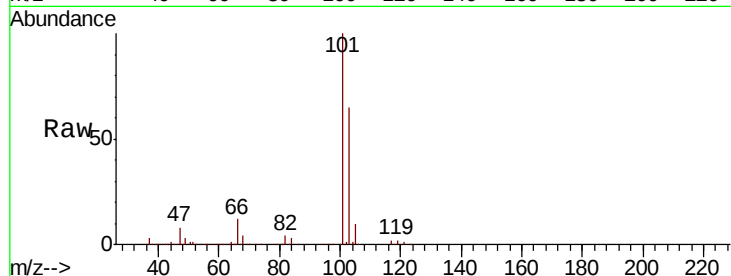
Trichlorofluoromethane
 Concen: 58.146 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	242026		
103	65.0	48.9	73.3	

Manual Integrations
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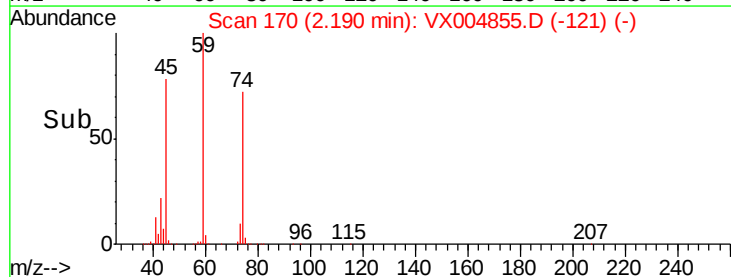
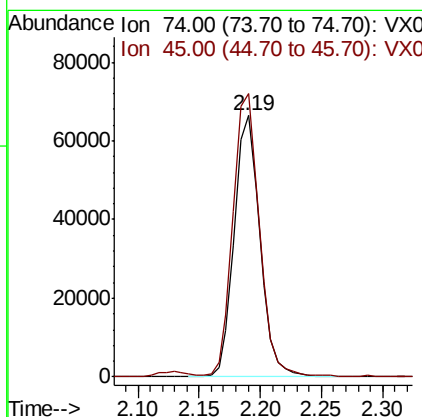
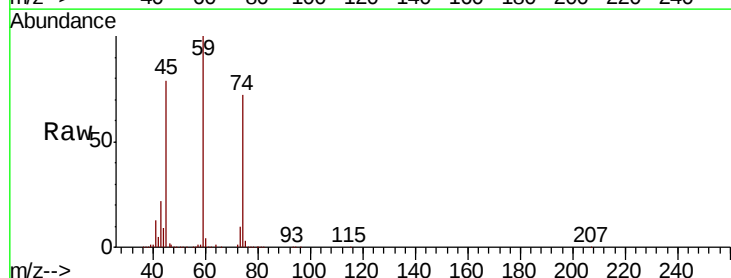
MMDadoda
 10/1/2018 1:31:31 PM

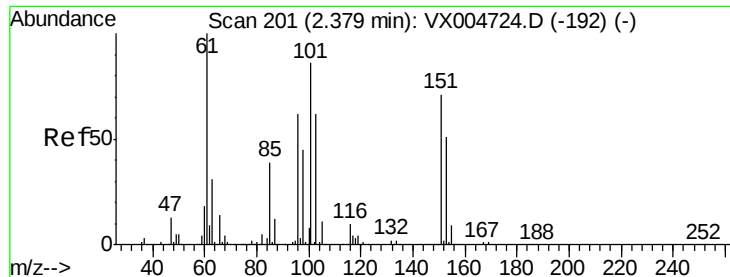


#8

Diethyl Ether
 Concen: 53.372 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	96510		
45	110.7	48.3	144.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.569 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

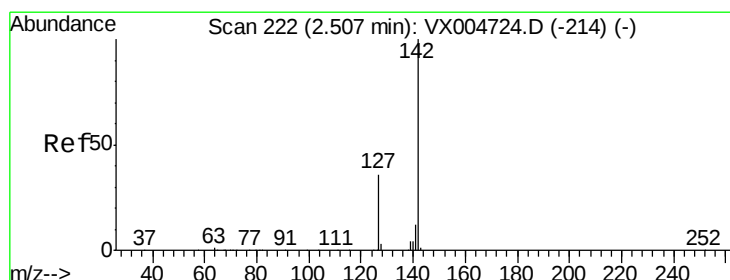
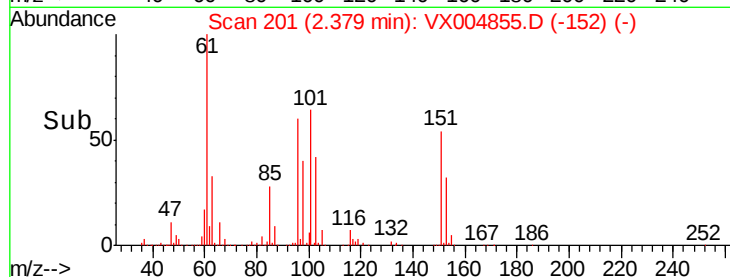
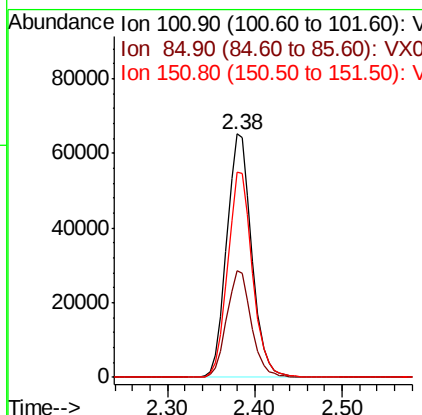
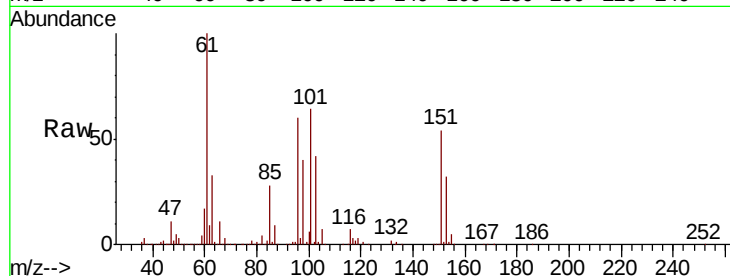
ClientSampleId :

SA-TW505-0913MS

Tot Ion:	101	Resp:	129383
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.2	51.4
151	83.8	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 39.580 ug/l

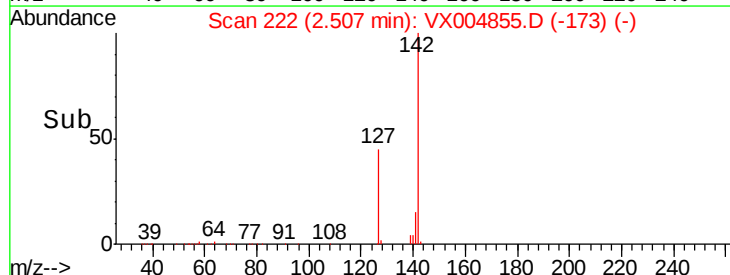
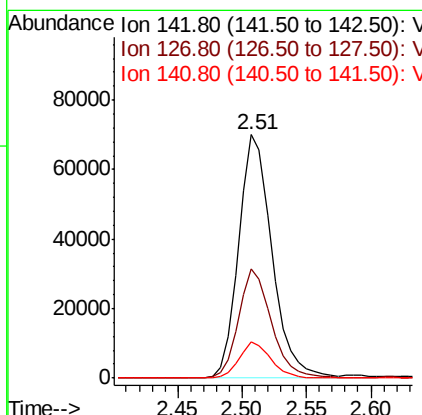
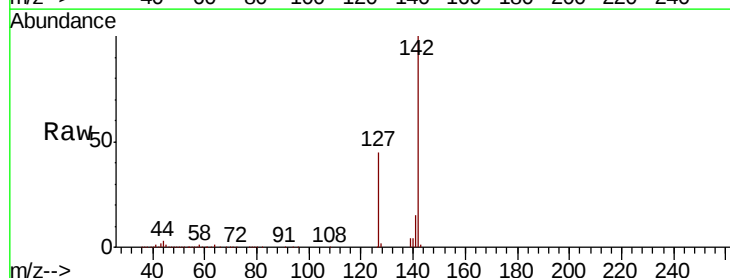
RT: 2.51 min Scan# 222

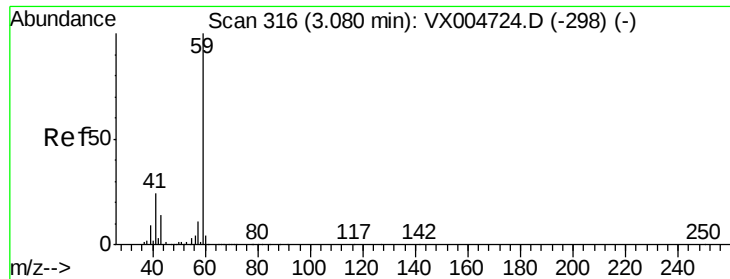
Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Tgt Ion:	142	Resp:	125580
Ion Ratio	Lower	Upper	
142	100		
127	44.5	33.8	50.6
141	14.2	11.4	17.0





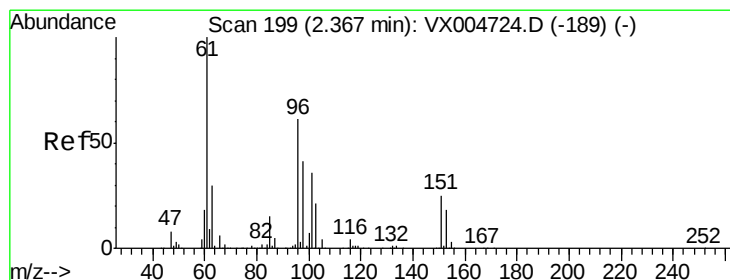
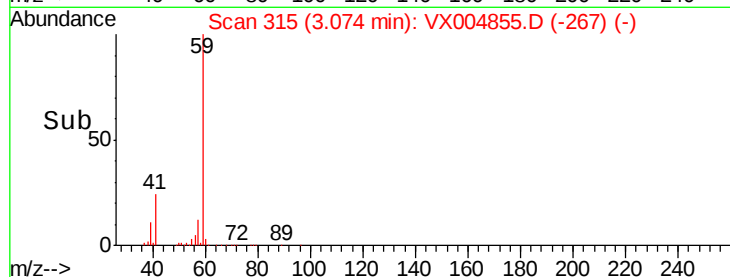
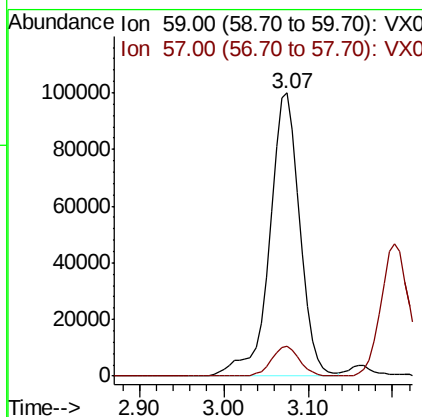
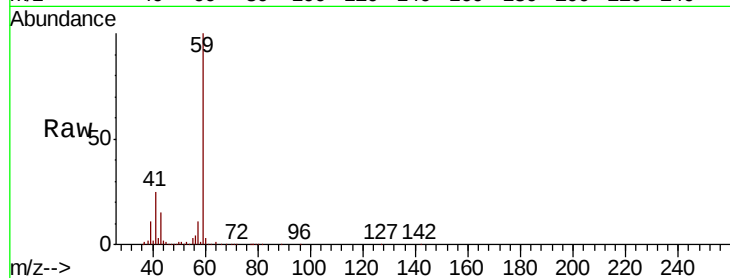
#11
Tert butyl alcohol
Concen: 286.587 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.2	12.4

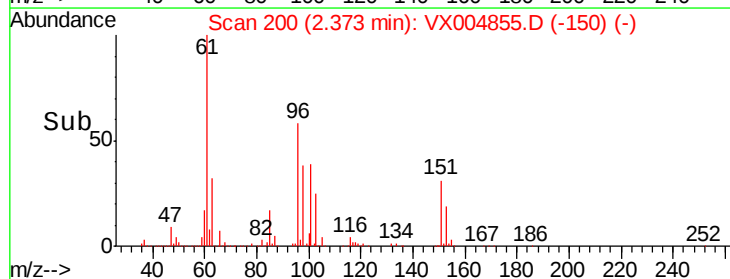
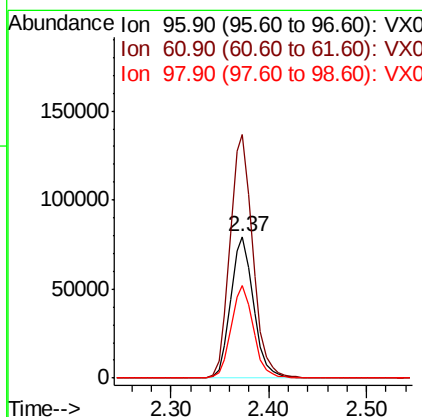
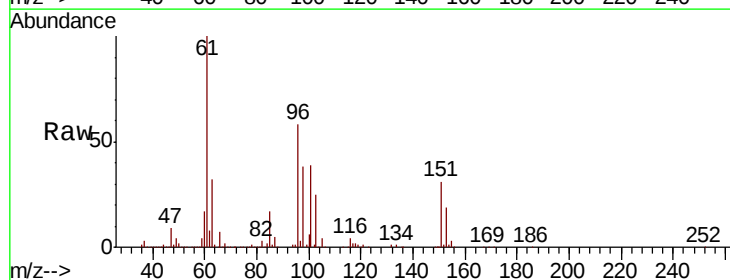
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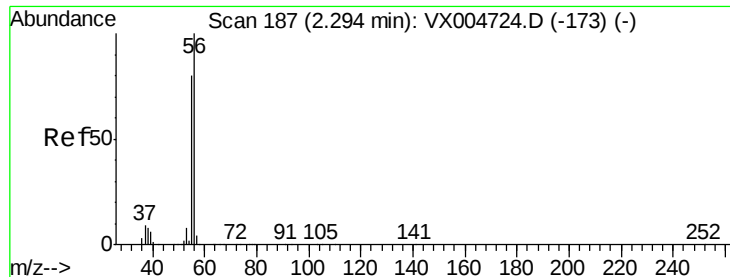
MMDadoda
10/1/2018 1:31:31 PM



#12
1,1-Dichloroethene
Concen: 54.700 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.9	128.8	193.2
98	65.6	52.2	78.2





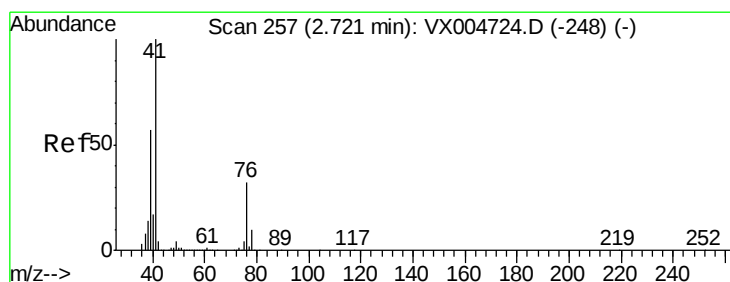
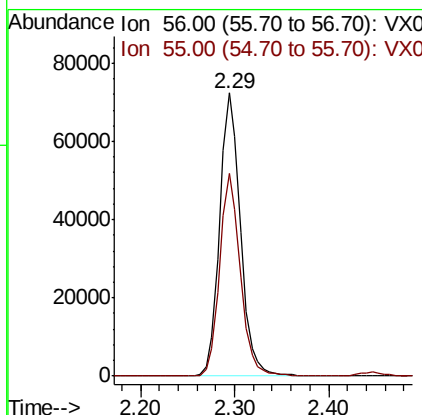
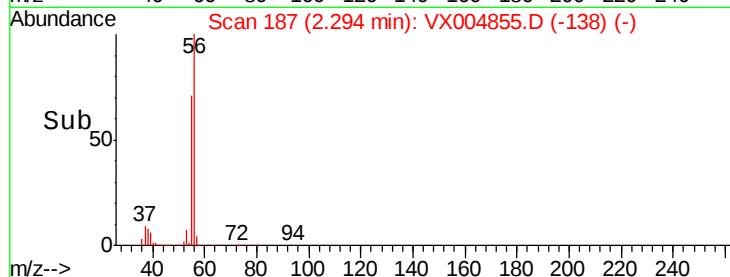
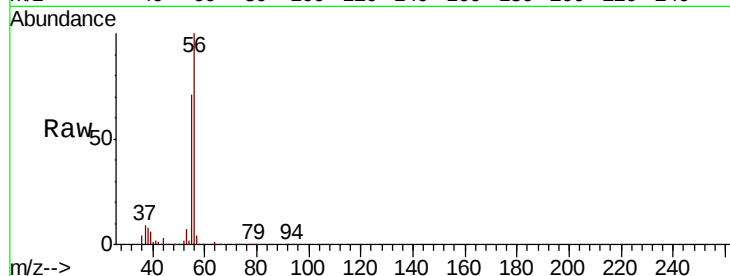
#13
Acrolein
Concen: 181.304 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.5	54.7	82.1

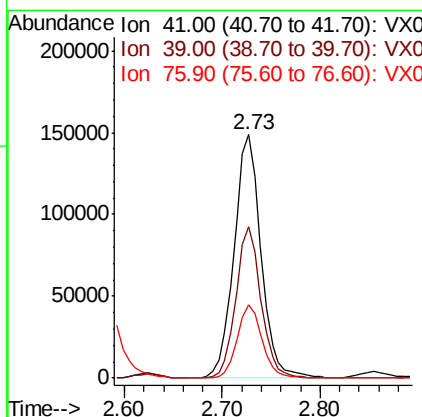
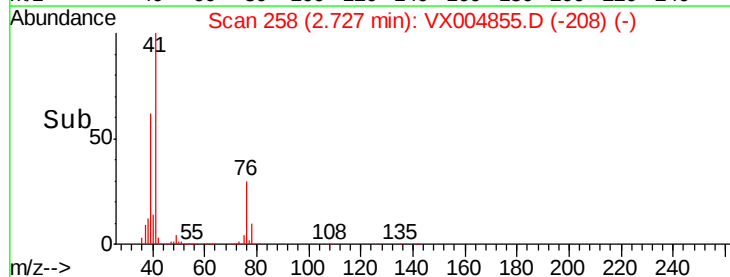
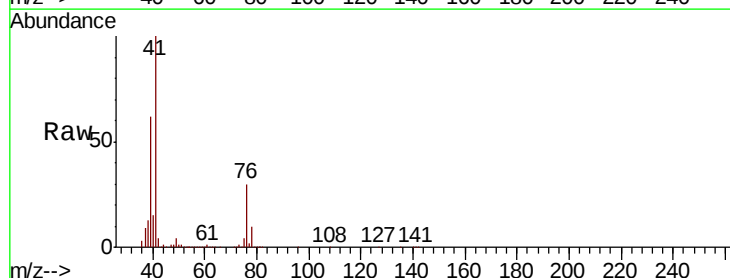
Manual Integrations
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#14
Allyl chloride
Concen: 55.422 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.7	48.9	73.3
76	27.8	26.7	40.1





#15

Acrylonitrile

Concen: 277.529 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

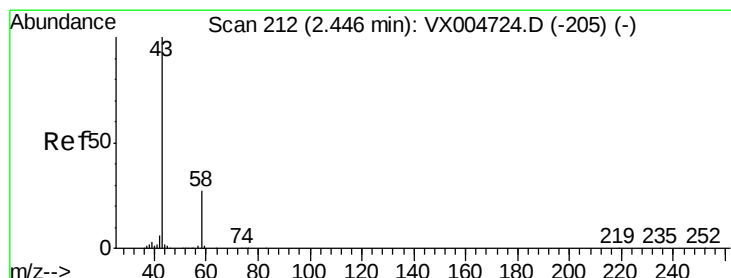
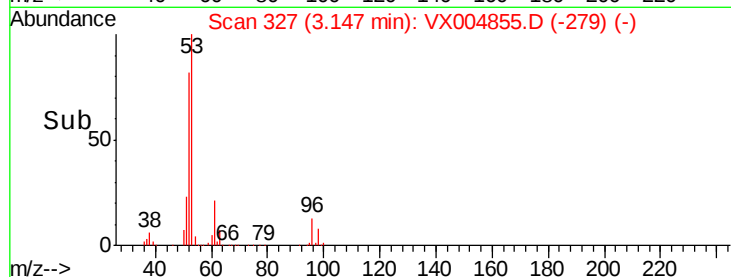
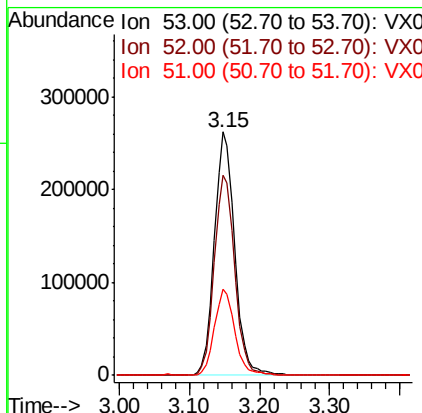
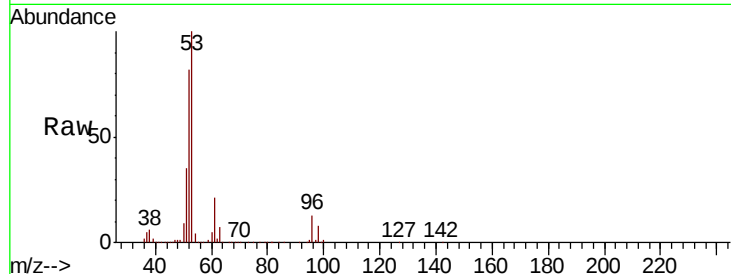
ClientSampleId :

SA-TW505-0913MS

Tot Ion:	53	Resp:	528823
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.2	97.8
51	35.7	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 260.745 ug/l

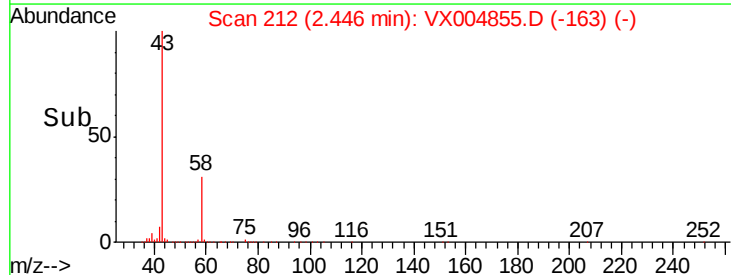
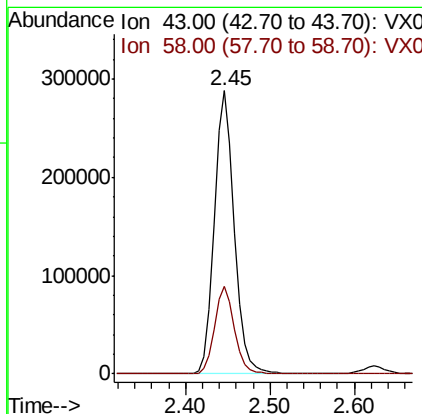
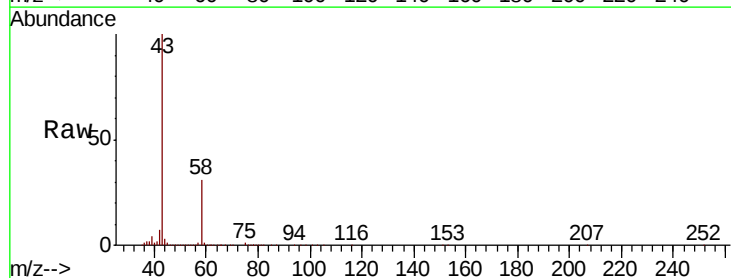
RT: 2.45 min Scan# 212

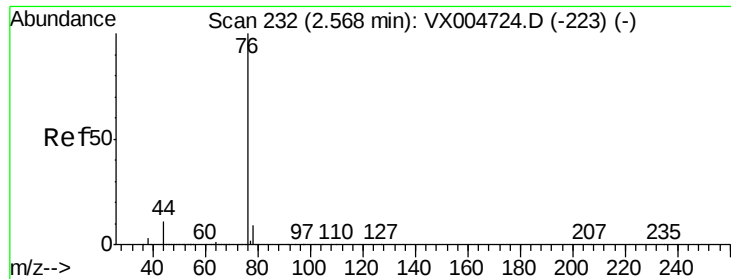
Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Tgt Ion:	43	Resp:	471249
Ion	Ratio	Lower	Upper
43	100		
58	30.8	26.2	39.4





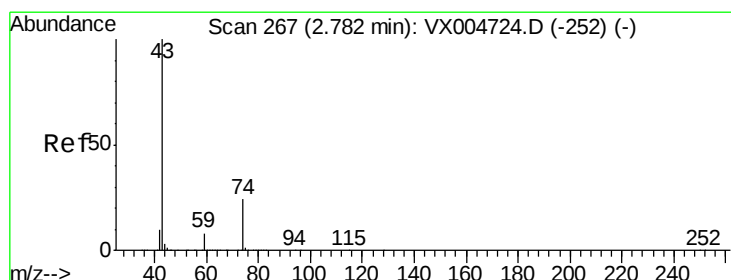
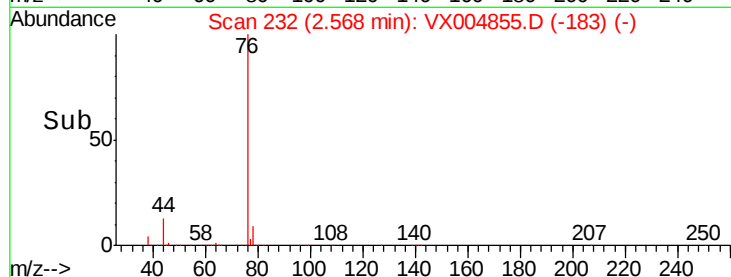
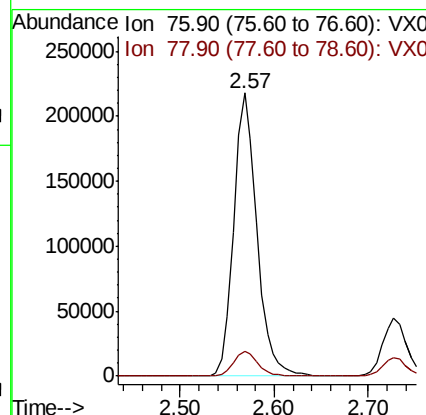
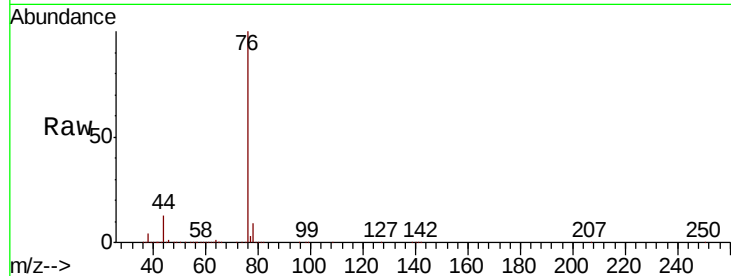
#17
Carbon Disulfide
Concen: 52.835 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6

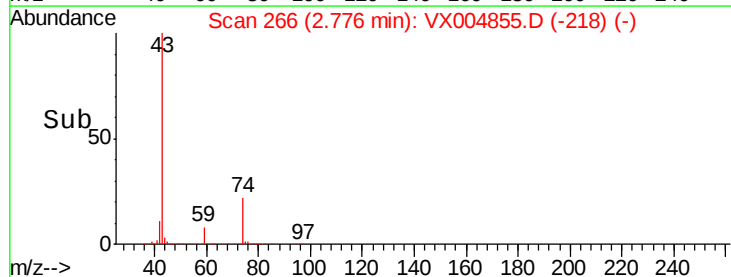
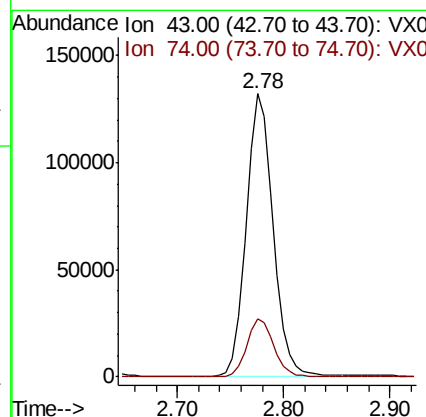
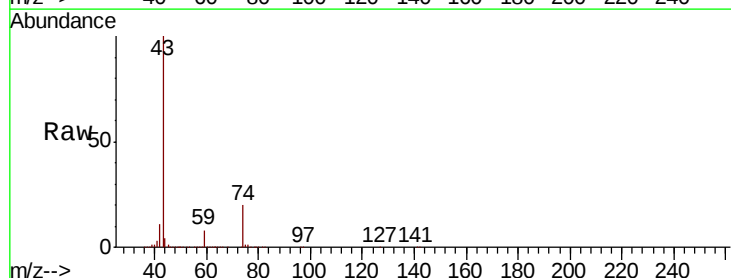
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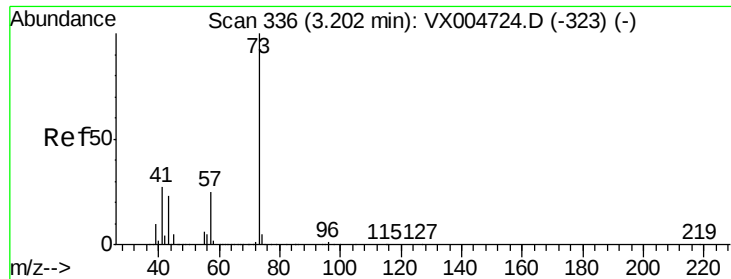
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#18
Methyl Acetate
Concen: 51.077 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.5	19.4	29.2





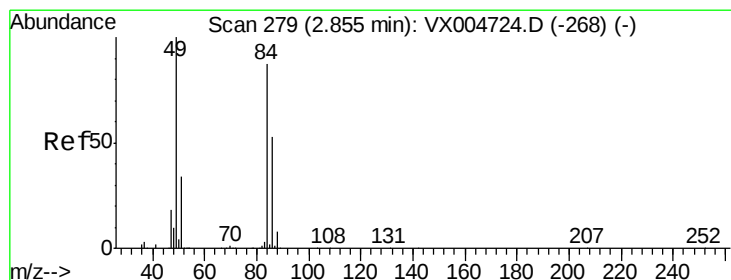
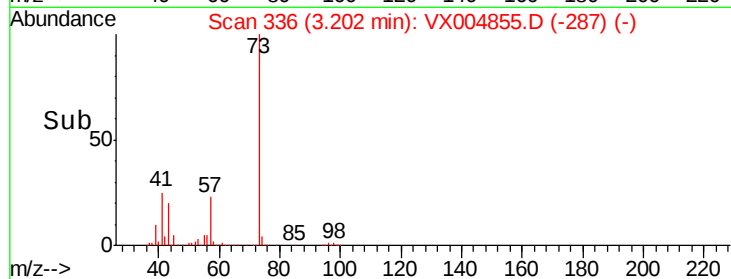
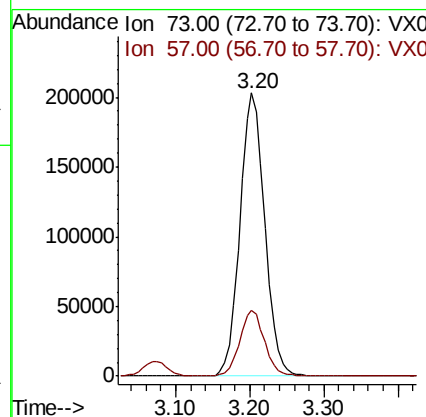
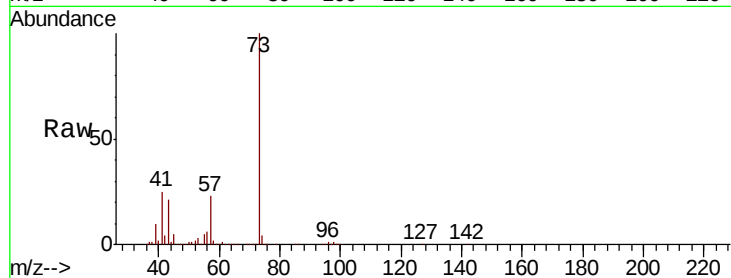
#19
Methvl tert-butvl Ether
Concen: 58.561 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.1	25.7

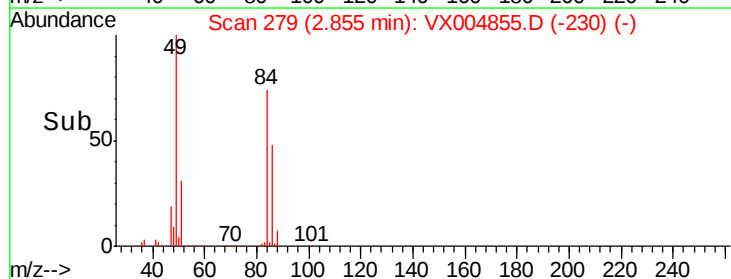
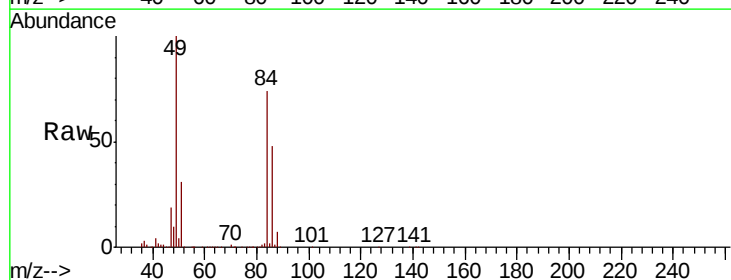
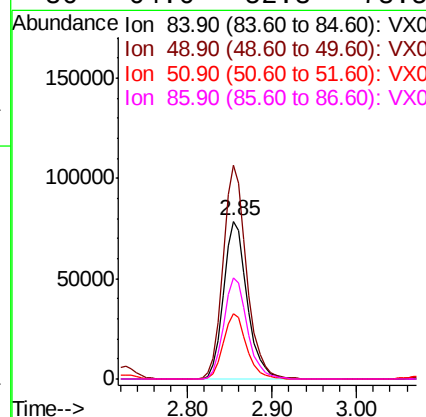
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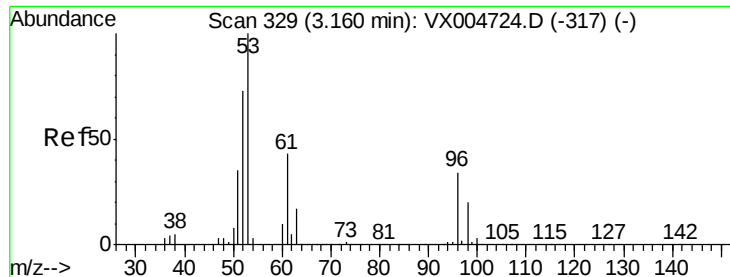
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#20
Methylene Chloride
Concen: 58.050 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.6	101.2	151.8
51	41.4	29.5	44.3
86	64.6	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 53.904 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

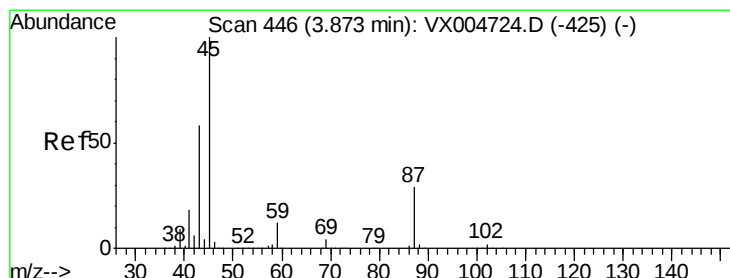
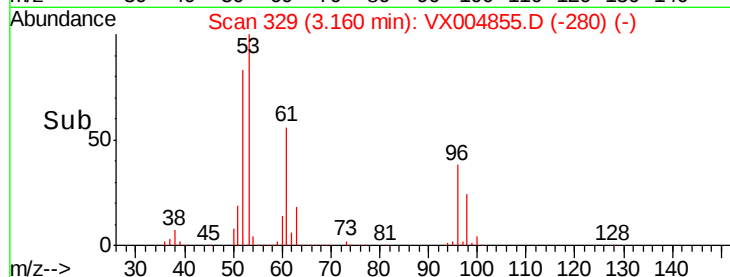
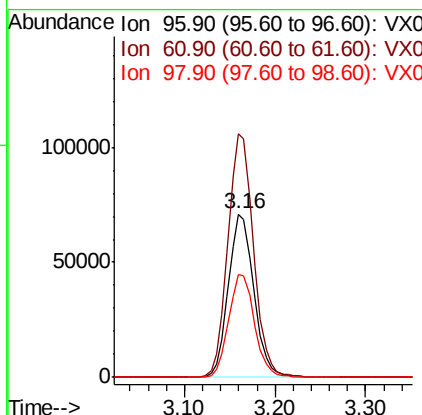
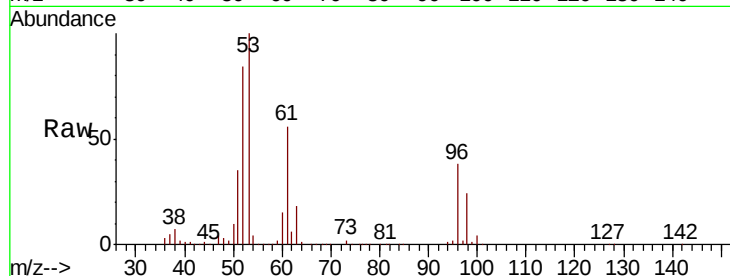
ClientSampleId :

SA-TW505-0913MS

Tot Ion:	96	Resp:	138555
Ion	Ratio	Lower	Upper
96	100		
61	149.3	113.8	170.6
98	63.3	51.8	77.8

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#22

Diisopropyl ether

Concen: 56.912 ug/l

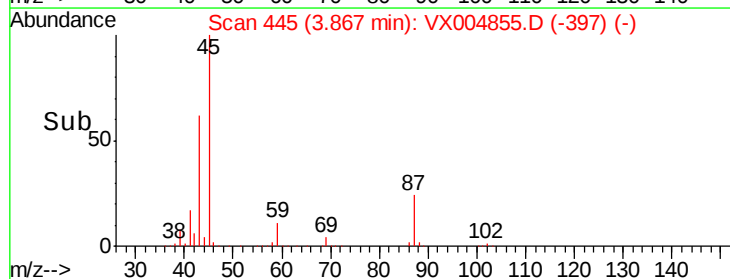
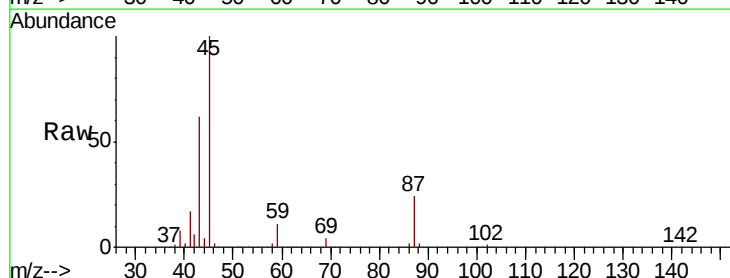
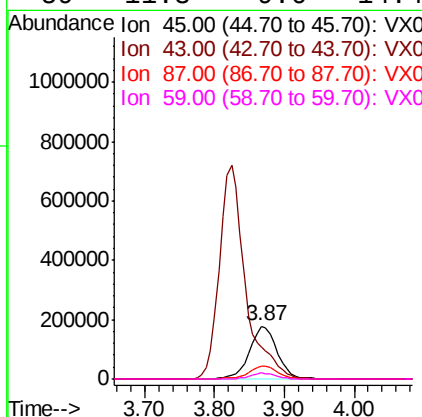
RT: 3.87 min Scan# 445

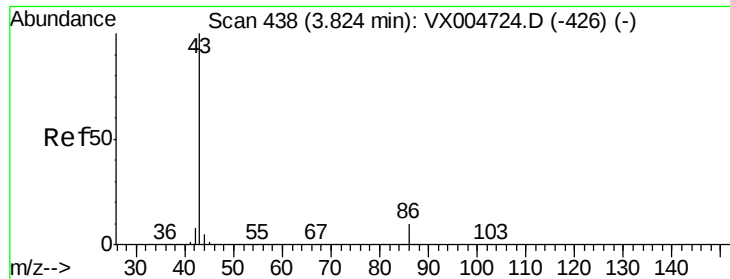
Delta R.T. -0.01 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Tgt Ion:	45	Resp:	490995
Ion	Ratio	Lower	Upper
45	100		
43	61.8	42.8	64.2
87	24.4	22.6	34.0
59	11.3	9.6	14.4





#23

Vinyl Acetate

Concen: 237.333 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

Tot Ion: 43 Resp: 1874236

Ion Ratio Lower Upper

43 100

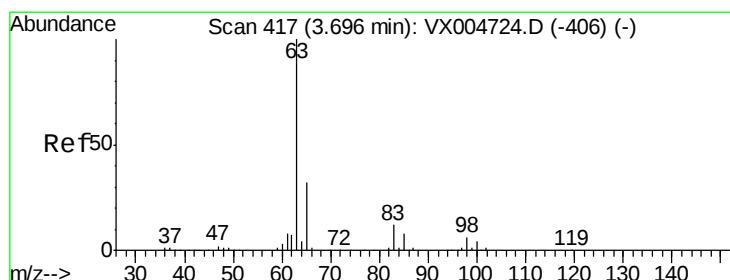
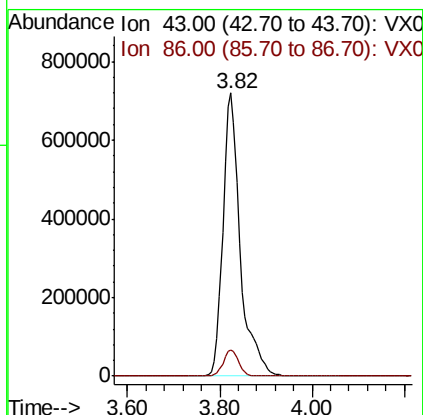
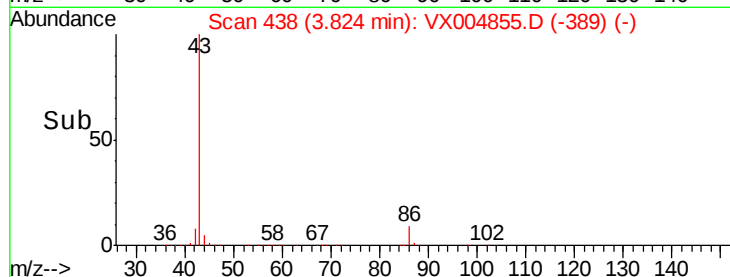
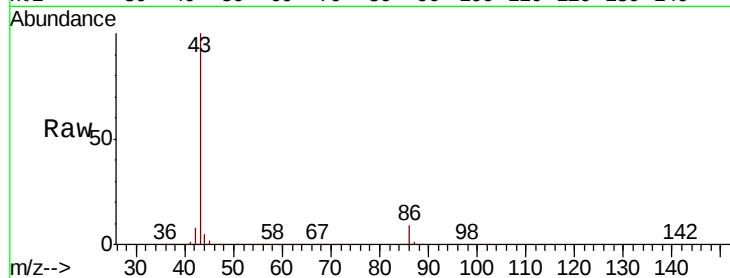
86 9.3 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 53.127 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

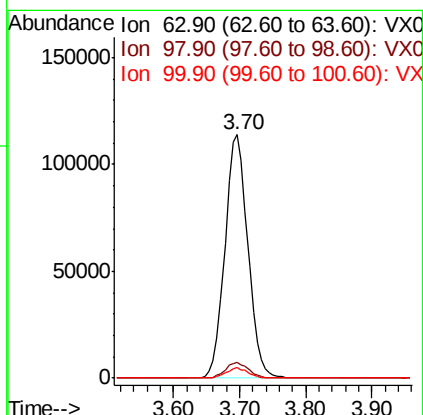
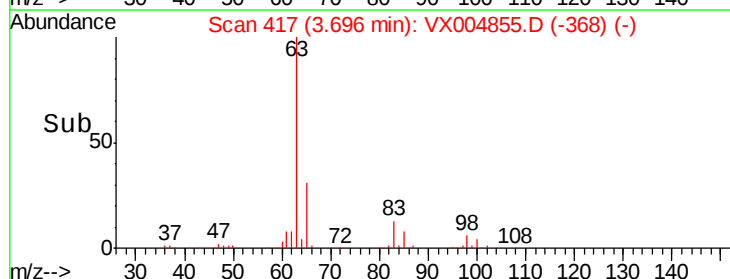
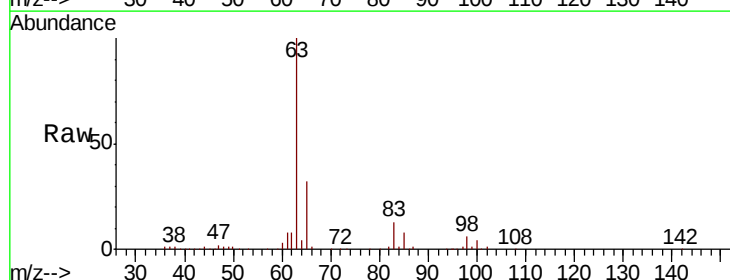
Tgt Ion: 63 Resp: 273406

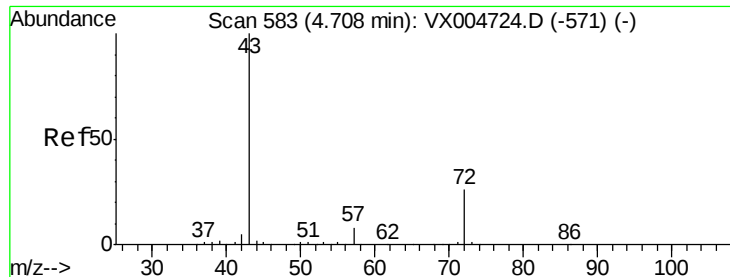
Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

100 4.1 2.4 7.1





#25

2-Butanone

Concen: 266.825 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

Tot Ion: 43 Resp: 710831

Ion Ratio Lower Upper

43 100

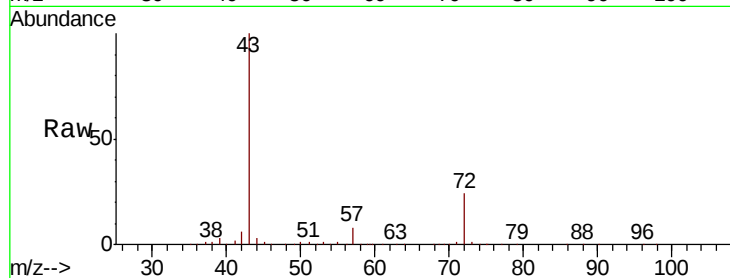
72 24.2 22.0 33.0

Manual Integrations

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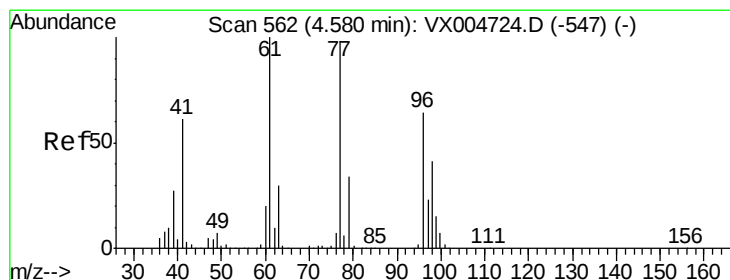
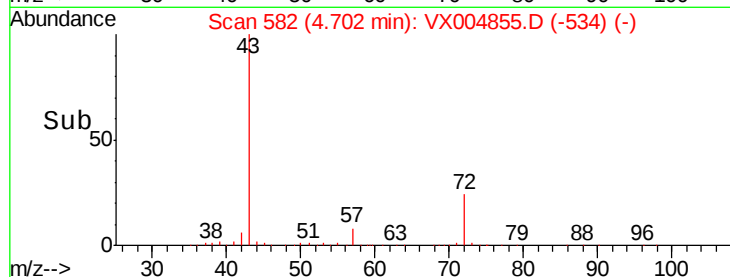
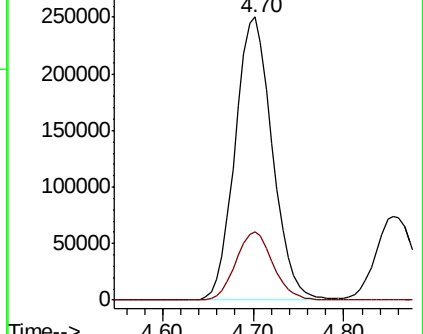
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 36.072 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004855.D

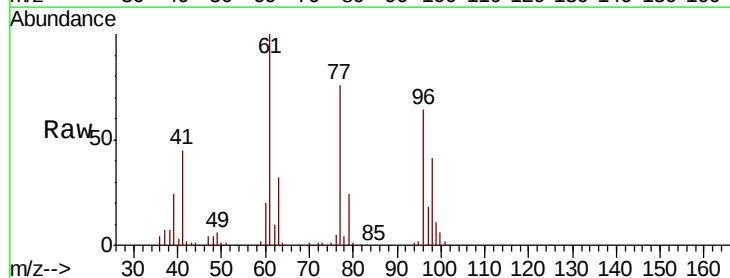
Acq: 29 Sep 2018 07:12

Tgt Ion: 77 Resp: 129269

Ion Ratio Lower Upper

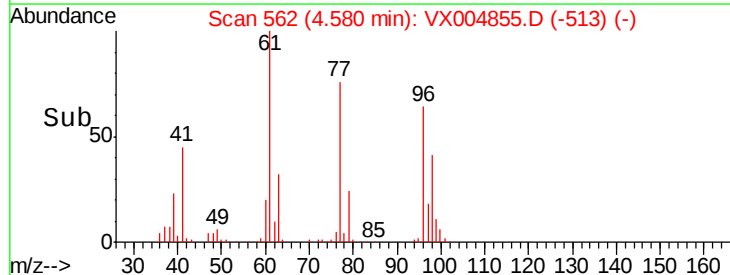
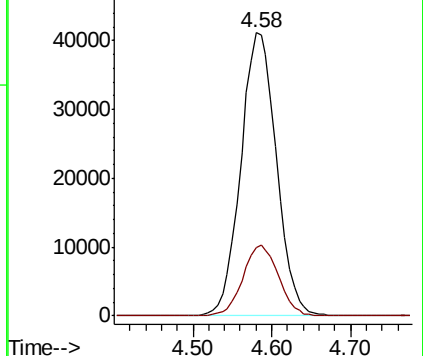
77 100

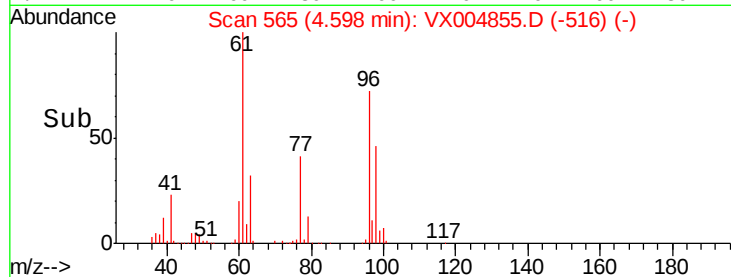
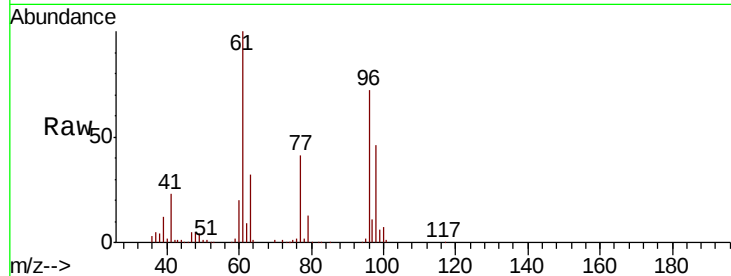
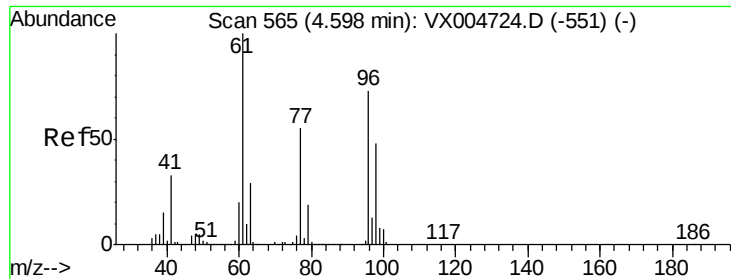
97 24.9 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

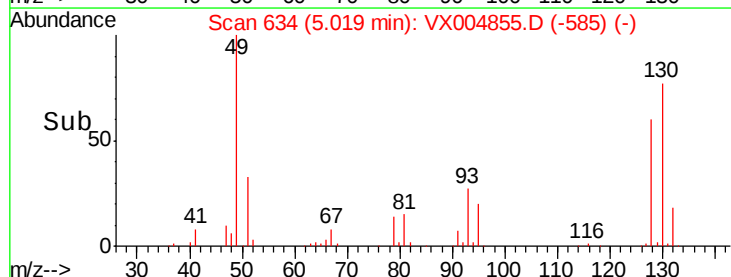
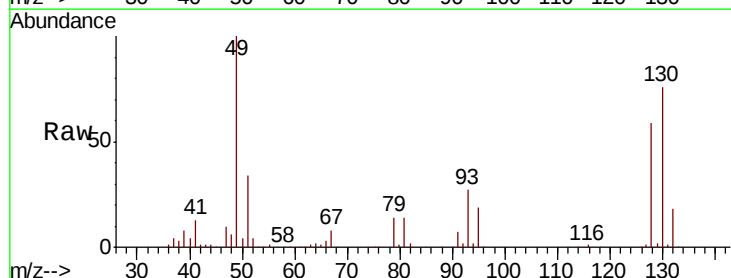
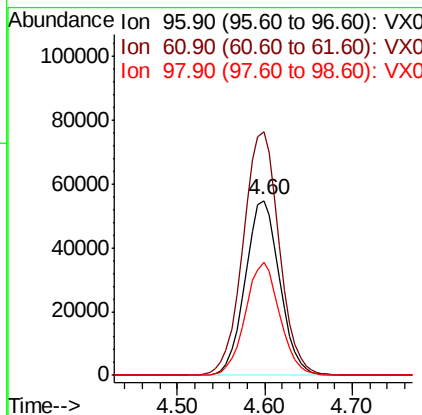
cis-1,2-Dichloroethene
Concen: 52.450 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	150609		
61	146.1	0.0	282.6	
98	64.4	0.0	130.2	

Manual Integrations
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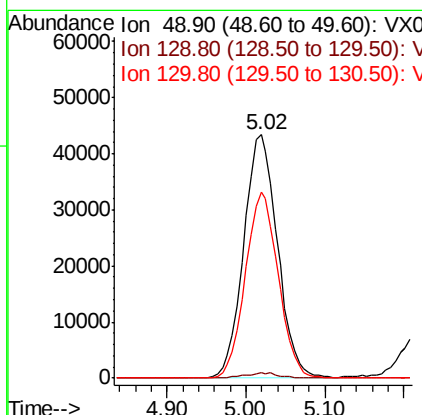
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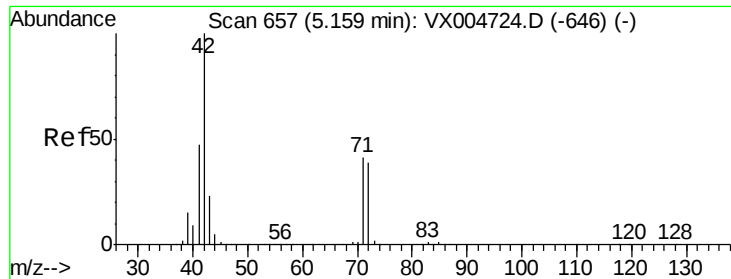


#28

Bromochloromethane
Concen: 53.393 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	129394		
129	2.0	0.0	4.2	
130	74.5	67.5	101.3	





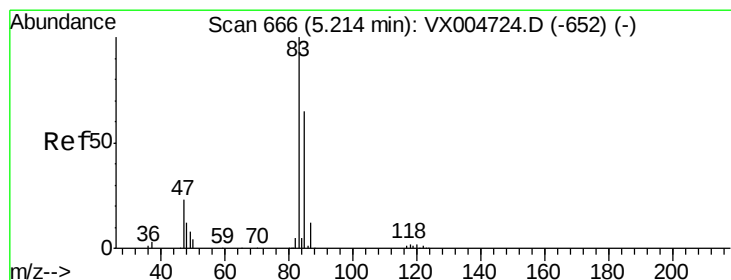
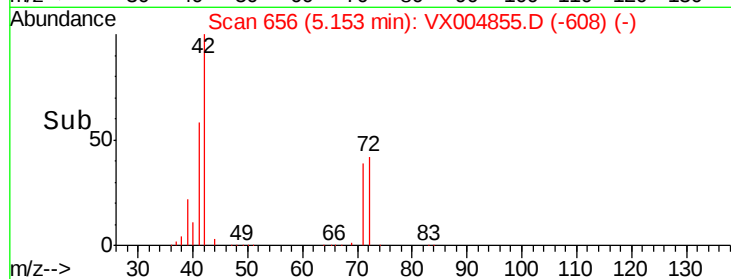
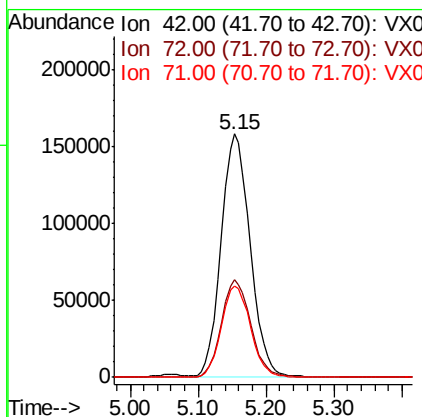
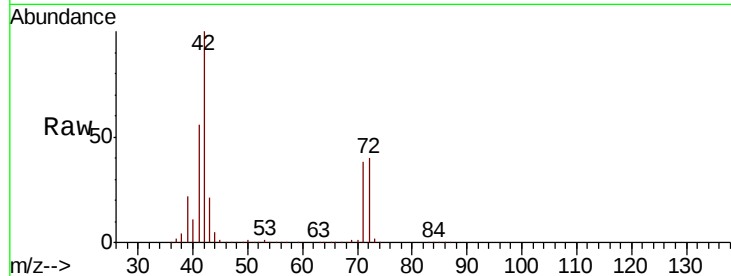
#29
Tetrahydrofuran
Concen: 282.077 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.6	37.4	56.0
71	37.9	34.5	51.7

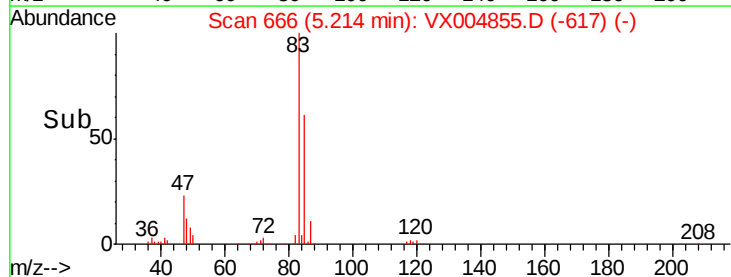
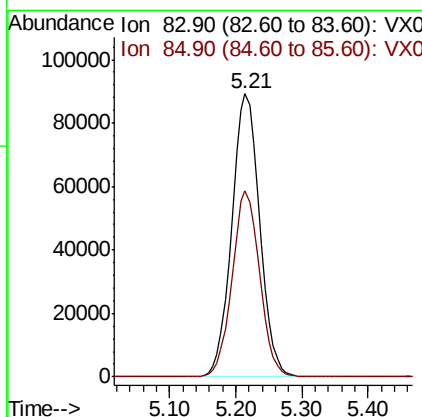
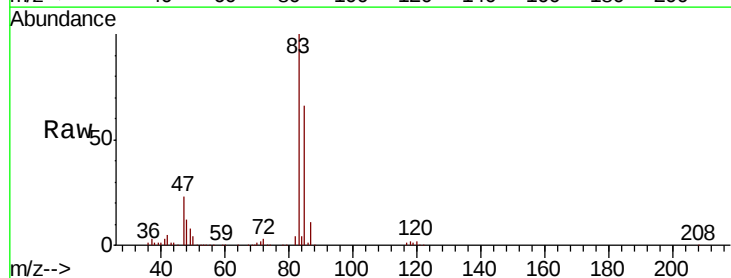
Manual Integrations
APPROVED

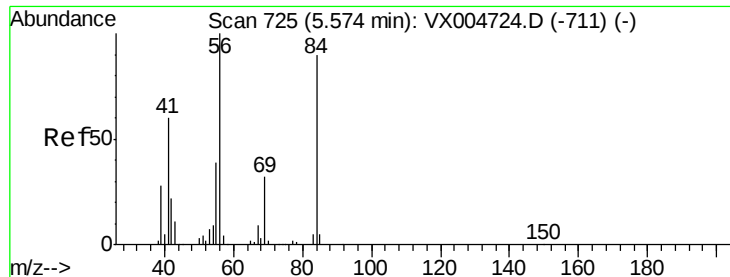
MMDadoda
10/1/2018 1:31:31 PM



#30
Chloroform
Concen: 53.634 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.6	79.0





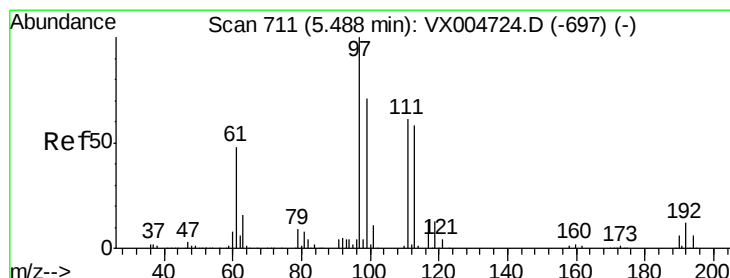
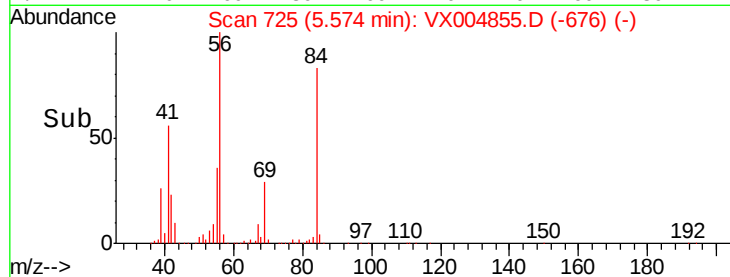
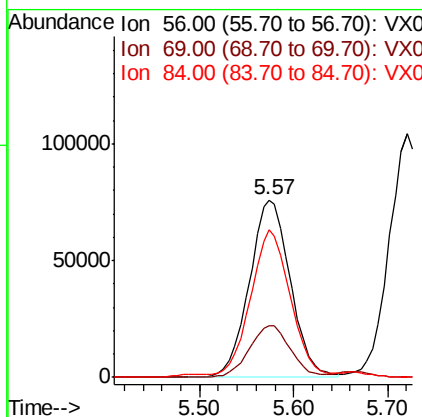
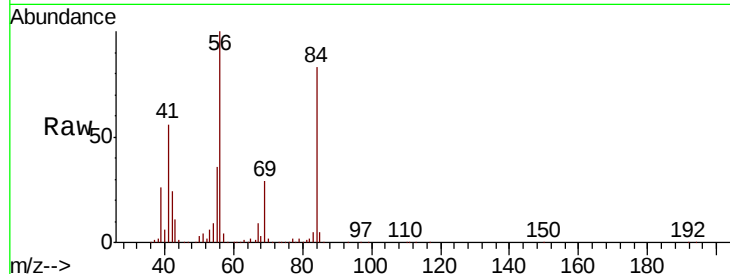
#31
Cyclohexane
Concen: 58.716 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	25.4	38.2
84	81.5	71.4	107.2

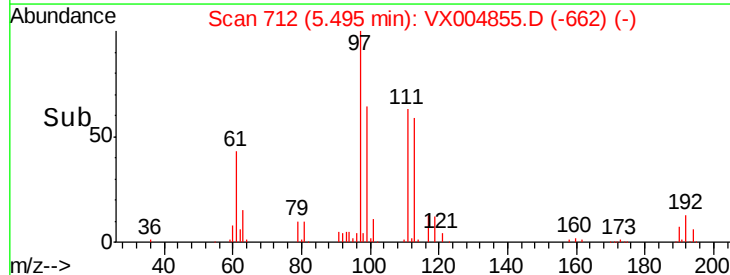
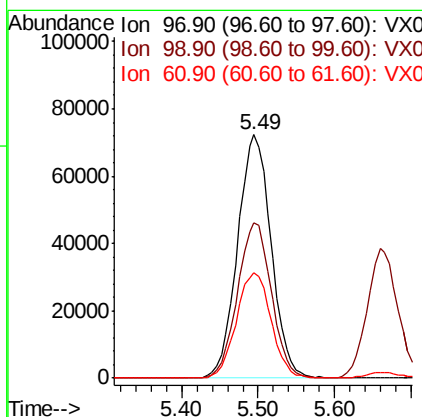
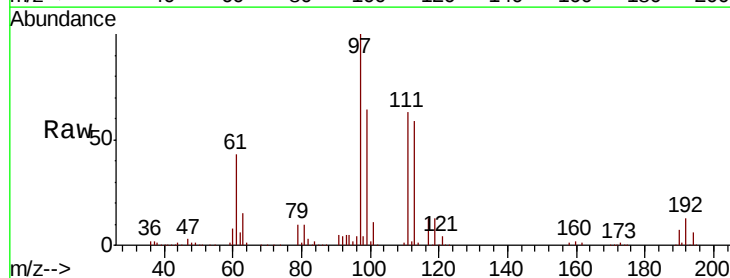
Manual Integrations
APPROVED

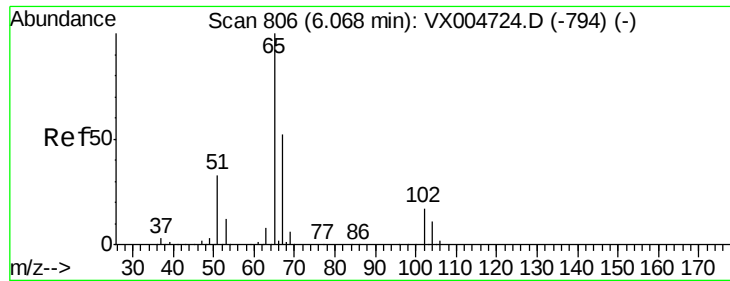
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 55.568 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.0	78.0
61	44.7	34.9	52.3





#33

1,2-Dichloroethane-d4

Concen: 52.960 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampled :

SA-TW505-0913MS

Tot Ion: 65 Resp: 163946

Ion Ratio Lower Upper

65 100

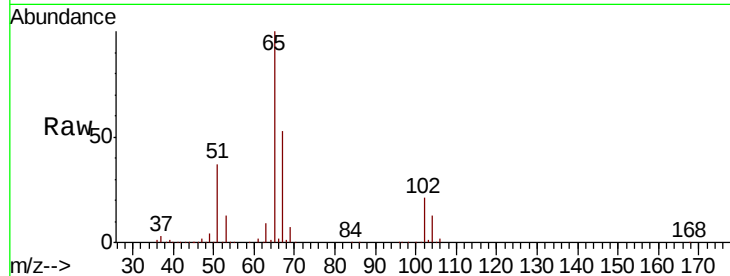
67 53.4 0.0 106.8

Manual Integrations

APPROVED

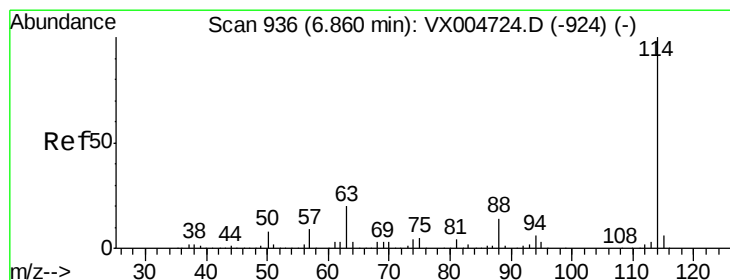
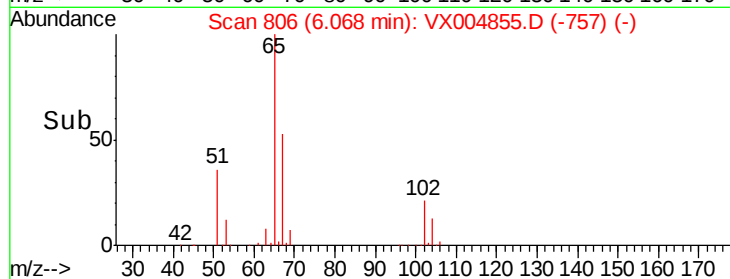
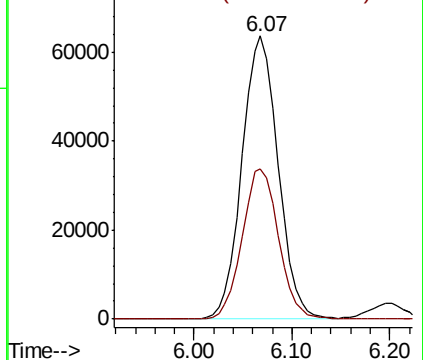
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

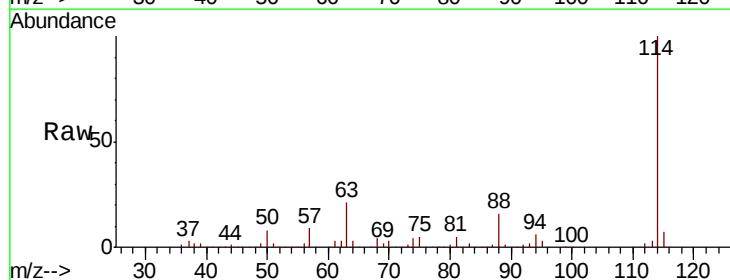
Tgt Ion: 114 Resp: 331526

Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.0

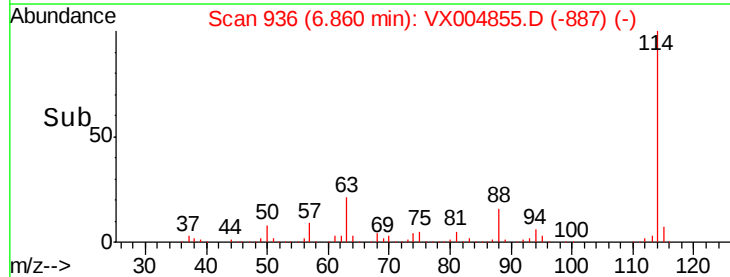
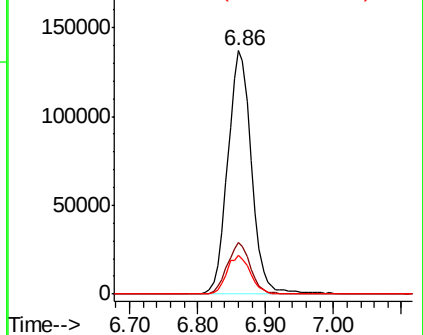
88 16.0 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.821 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

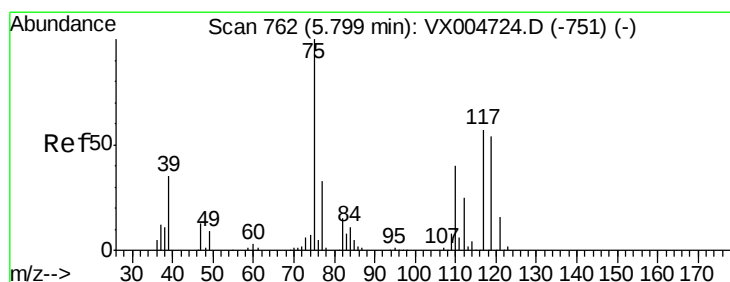
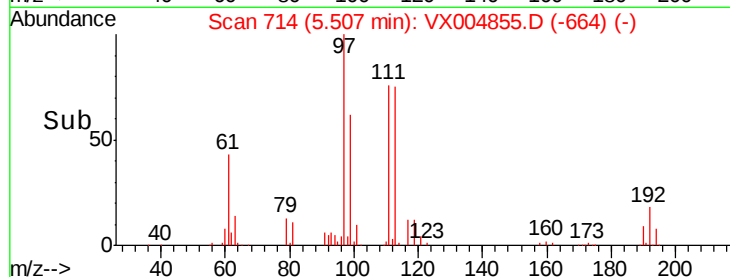
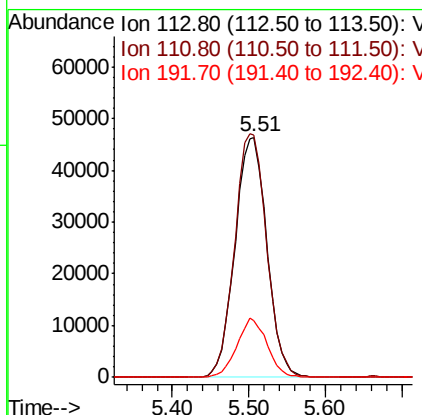
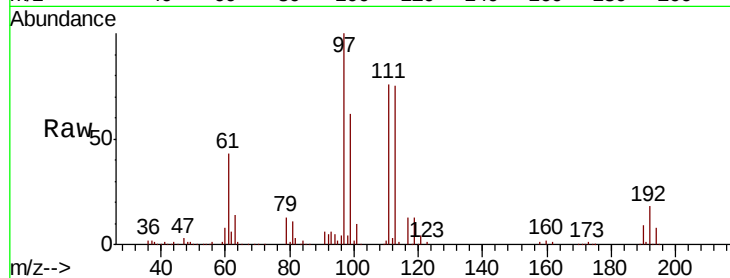
ClientSampleId :

SA-TW505-0913MS

Tot Ion:	113	Resp:	134365
Ion Ratio	Lower	Upper	
113	100		
111	101.6	82.4	123.6
192	23.1	19.4	29.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.821 ug/l

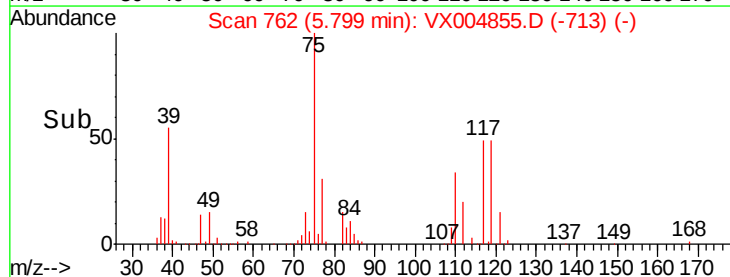
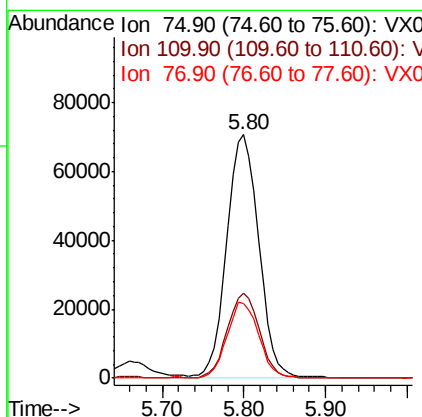
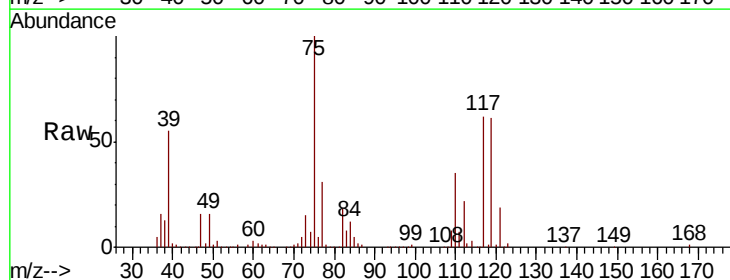
RT: 5.80 min Scan# 762

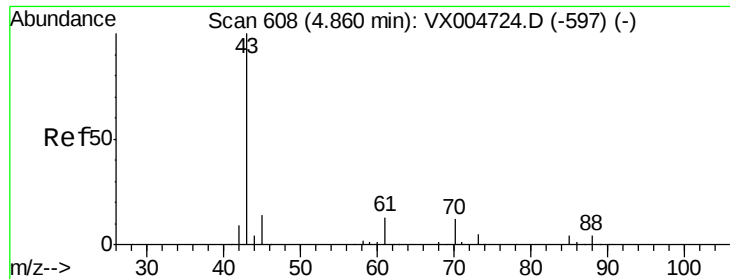
Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Tgt Ion:	75	Resp:	190990
Ion Ratio	Lower	Upper	
75	100		
110	35.5	18.0	54.0
77	30.7	24.6	36.8





#37

Ethyl Acetate

Concen: 43.640 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

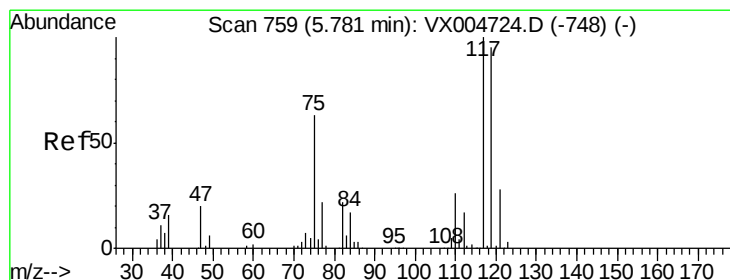
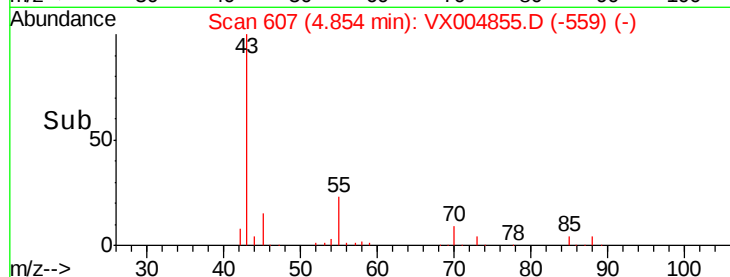
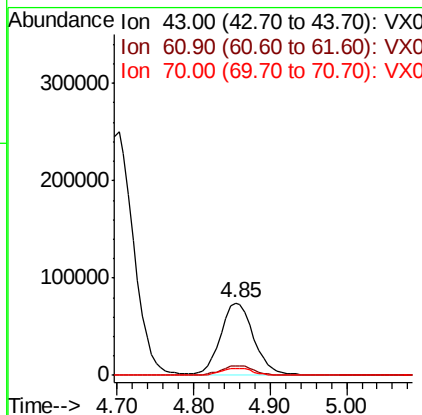
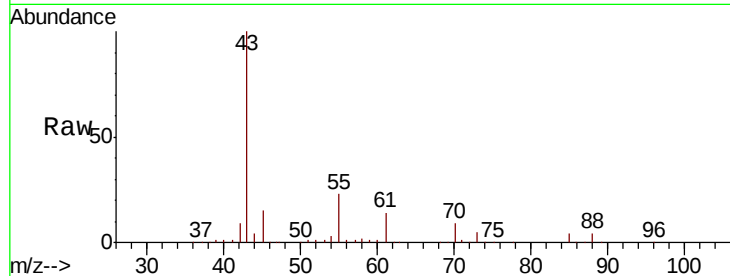
ClientSampleId :

SA-TW505-0913MS

Tot Ion:	43	Resp:	222069
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.5	17.3
70	9.6	9.0	13.6

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 47.857 ug/l

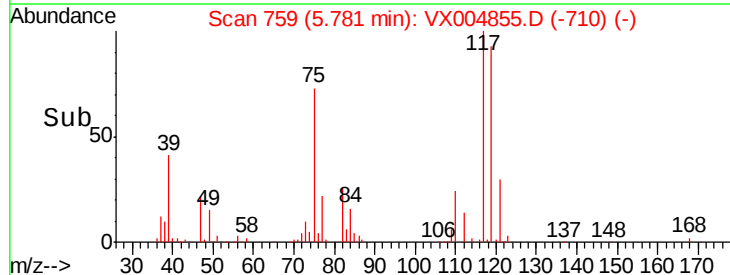
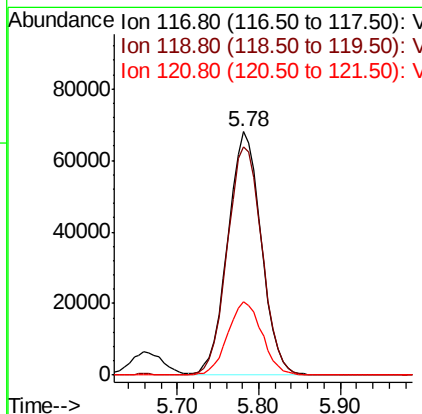
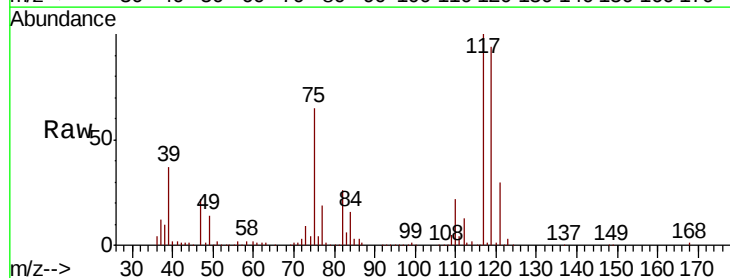
RT: 5.78 min Scan# 759

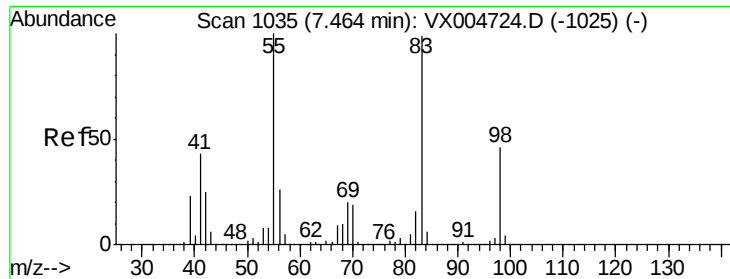
Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Tgt Ion:	117	Resp:	192850
Ion	Ratio	Lower	Upper
117	100		
119	93.9	78.8	118.2
121	30.2	24.9	37.3





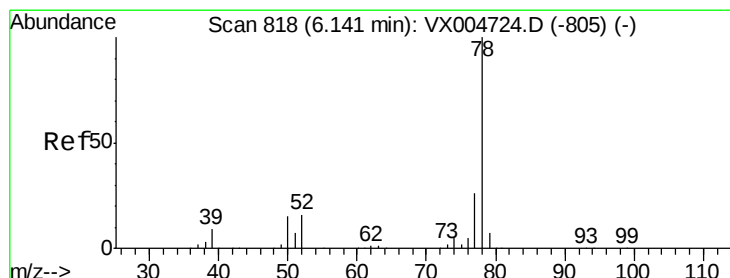
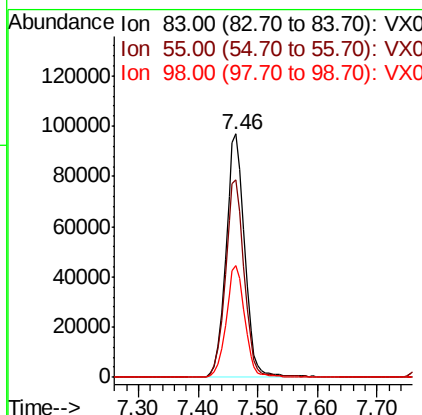
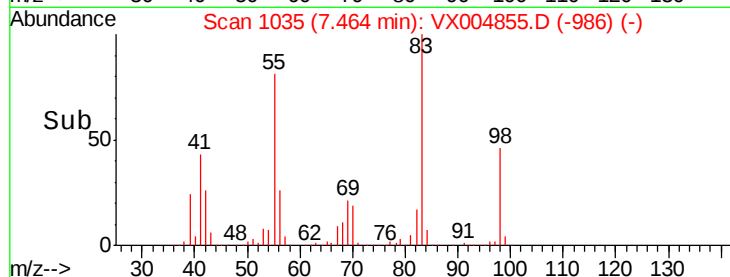
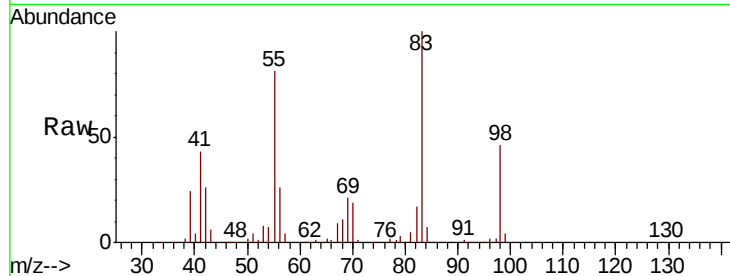
#39
Methvlcvclohexane
Concen: 54.211 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	212205		
55	80.9		61.0	91.4
98	45.7		39.6	59.4

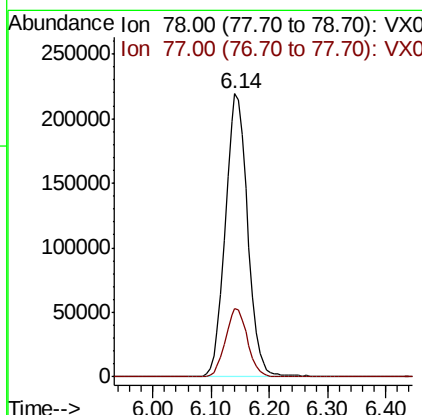
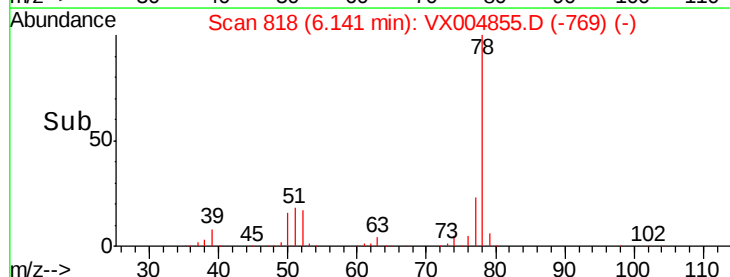
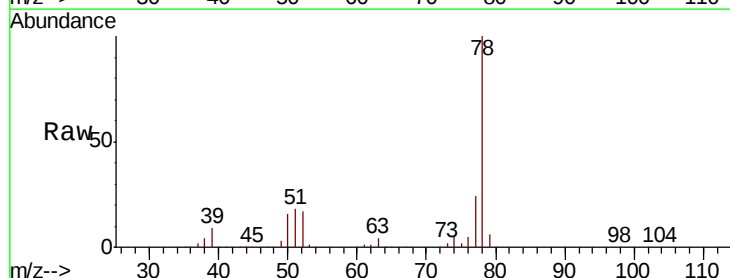
Manual Integrations
APPROVED

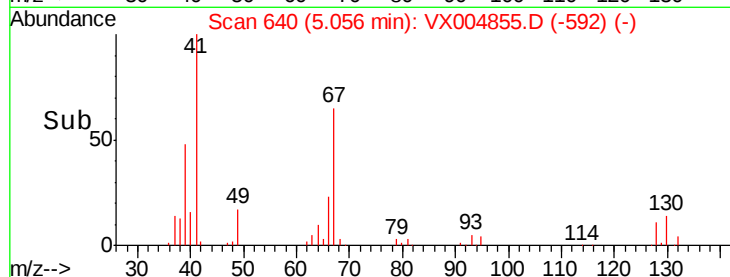
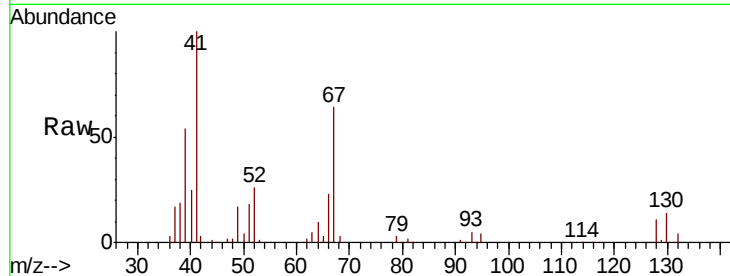
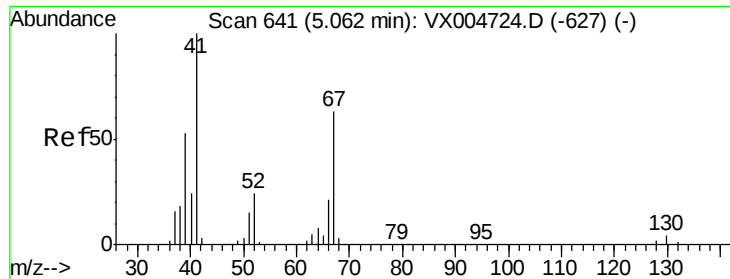
MMDadoda
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#40
Benzene
Concen: 48.812 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	585812		
77	24.1		19.0	28.4





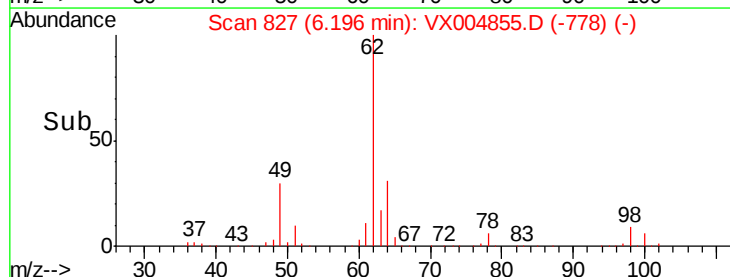
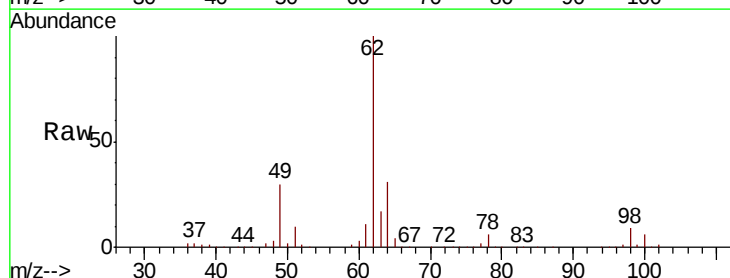
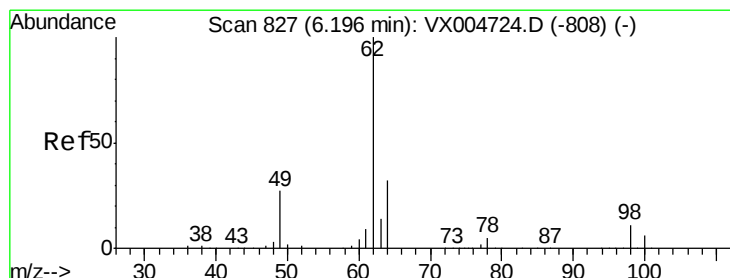
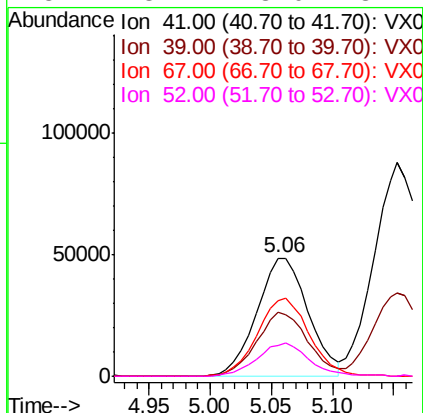
#41
Methacrylonitrile
Concen: 50.321 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tot Ion	41	Resp	142007
Ion Ratio	Lower	Upper	
41	100		
39	53.5	42.4	63.6
67	67.1	59.2	88.8
52	28.1	23.0	34.4

Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

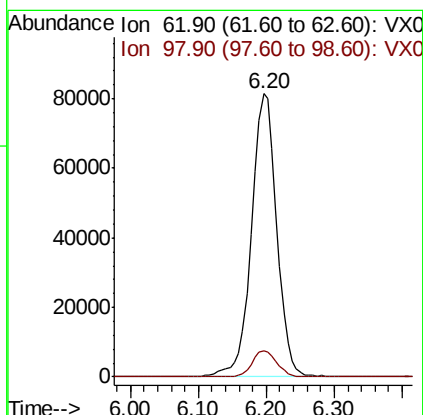
Manual Integrations
APPROVED

MMDadoda
10/1/2018 1:31:31 PM



#42
1,2-Dichloroethane
Concen: 49.750 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion	62	Resp	211072
Ion Ratio	Lower	Upper	
62	100		
98	9.1	0.0	20.6





#43

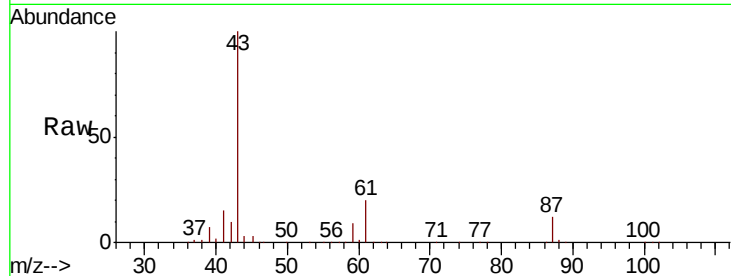
Isopropyl Acetate
 Concen: 47.249 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW505-0913MS

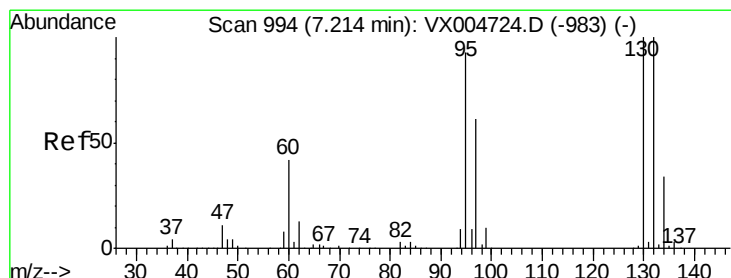
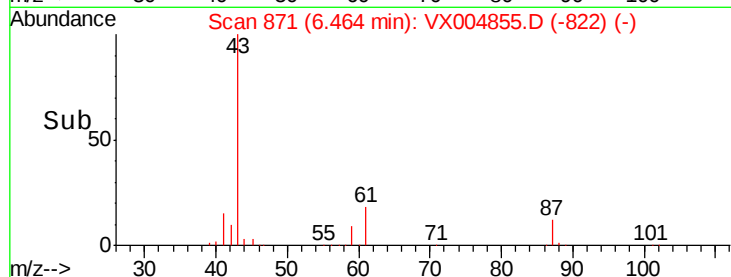
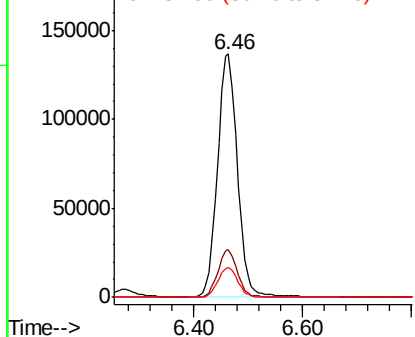
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	17.0	25.4
87	12.3	11.4	17.2

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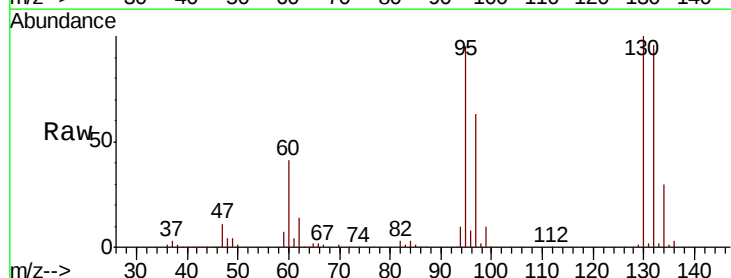
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



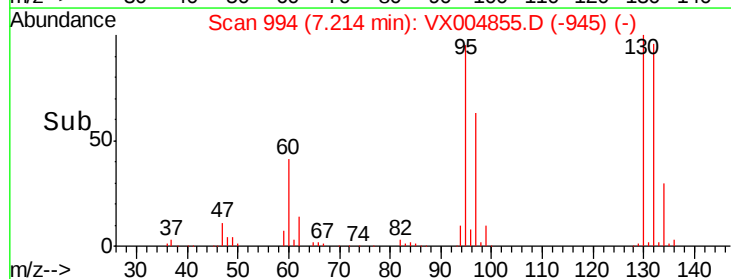
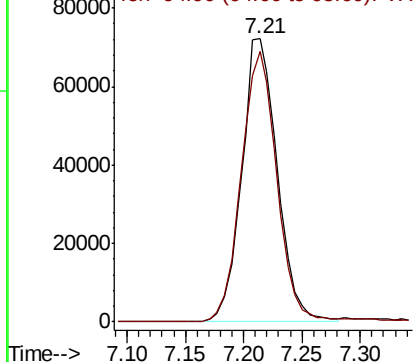
#44

Trichloroethene
 Concen: 52.243 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	181.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





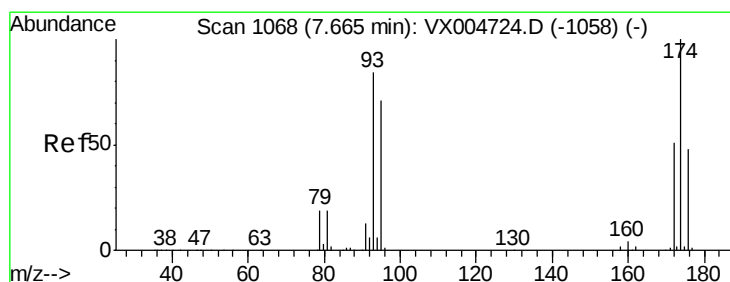
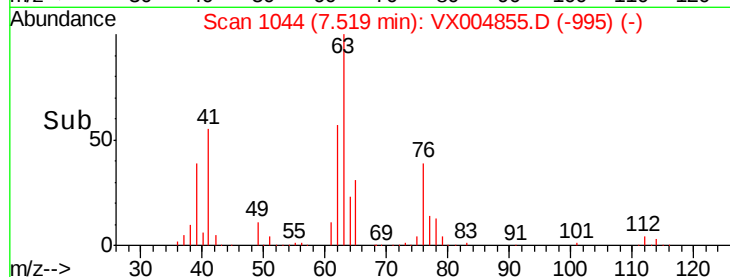
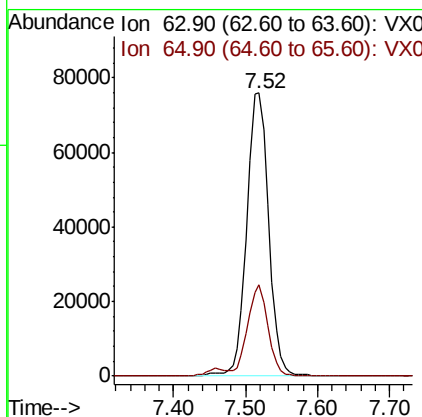
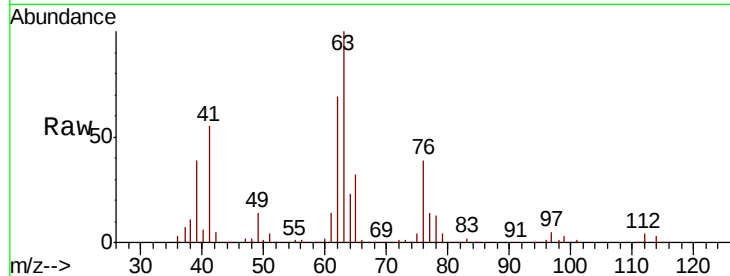
#45
 1,2-Dichloropropane
 Concen: 54.831 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW505-0913MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	24.3	36.5

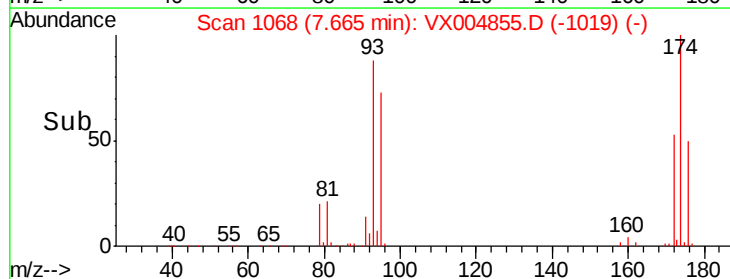
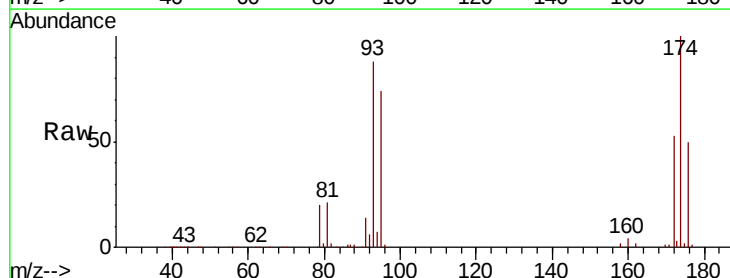
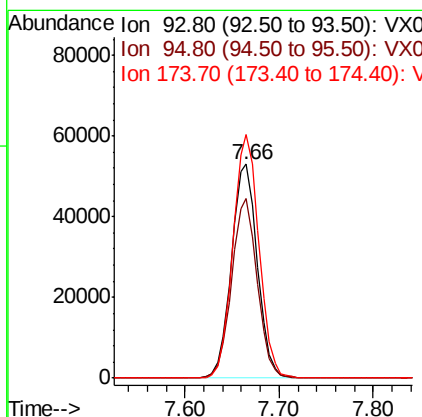
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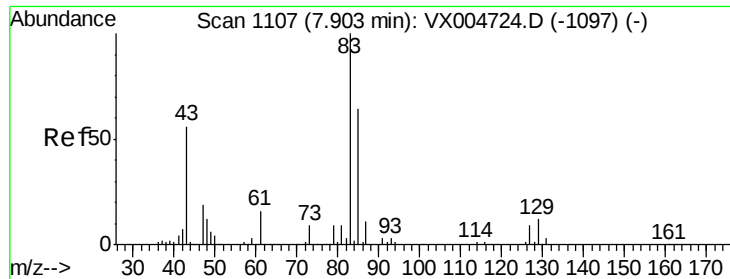
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#46
 Dibromomethane
 Concen: 54.623 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	65.5	98.3
174	114.0	94.2	141.4





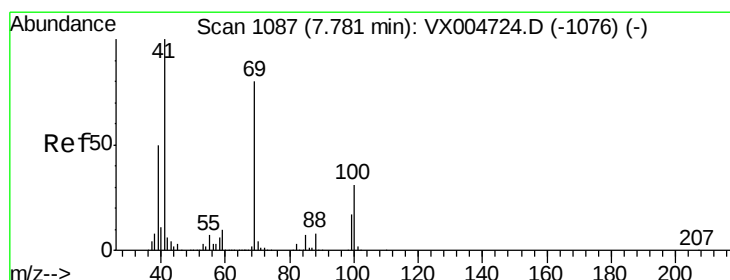
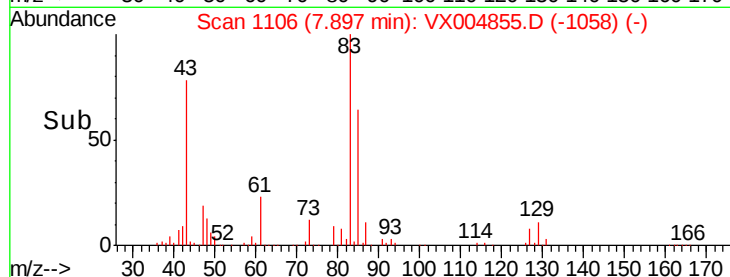
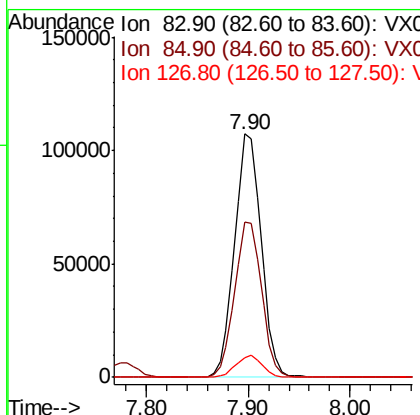
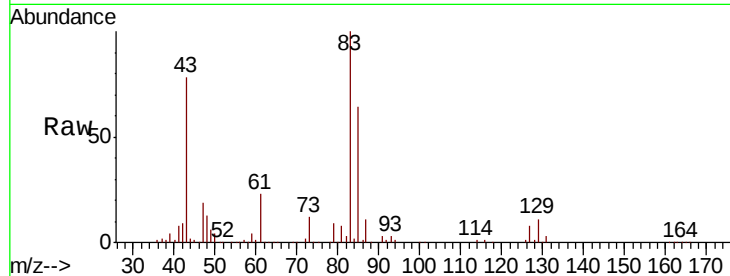
#47
Bromodichloromethane
Concen: 55.871 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	193485		
85	63.6	50.9	76.3	
127	8.3	7.3	10.9	

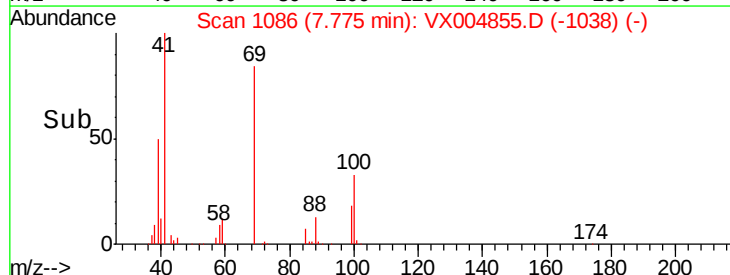
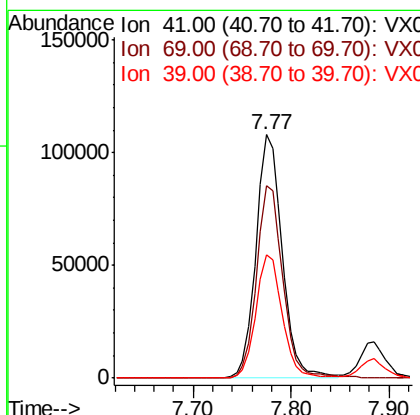
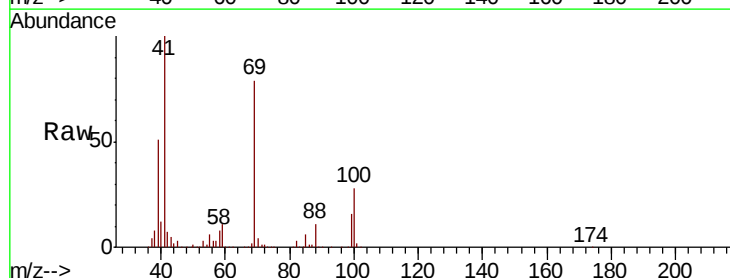
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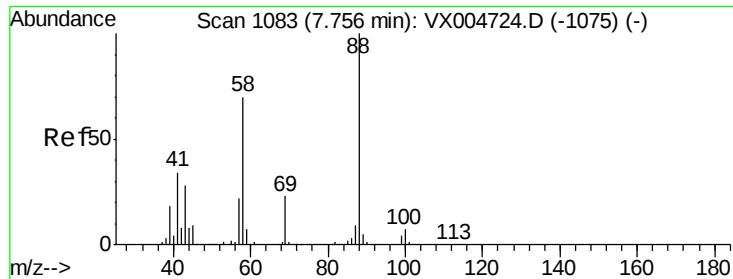
MMDadoda
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#48
Methyl methacrylate
Concen: 60.131 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	200455		
69	79.8	70.2	105.4	
39	51.3	42.7	64.1	





#49

1,4-Dioxane

Concen: 1113.437 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

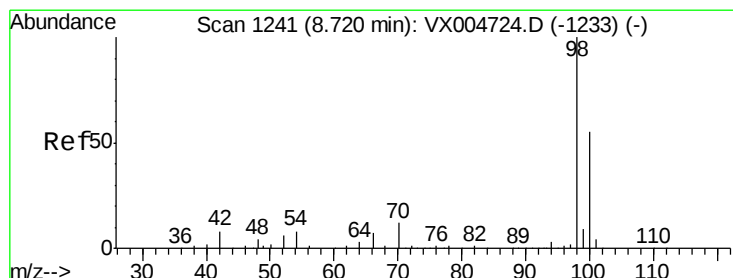
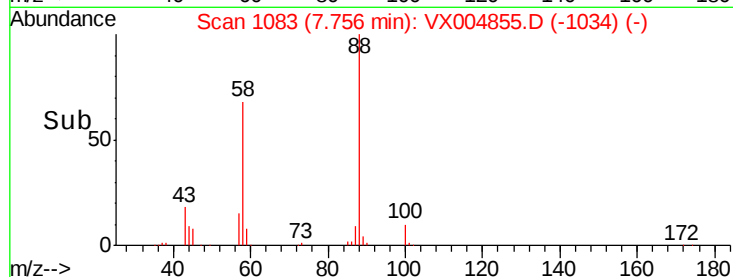
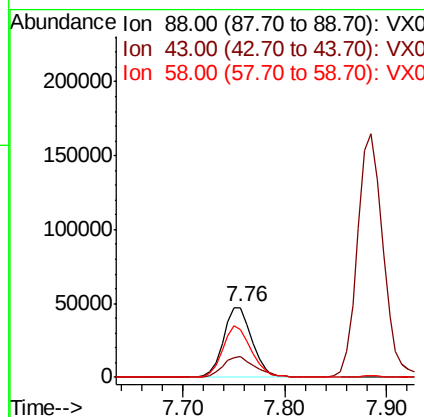
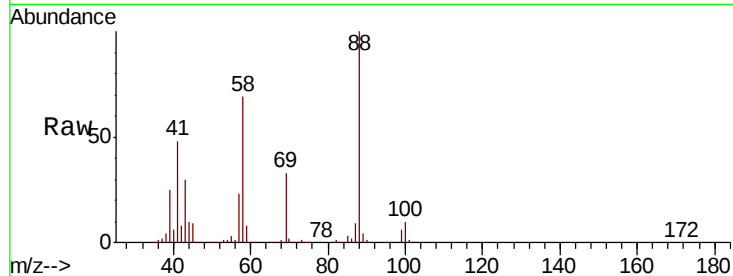
ClientSampleId :

SA-TW505-0913MS

Tot Ion:	88	Resp:	92215
Ion	Ratio	Lower	Upper
88	100		
43	33.4	24.7	37.1
58	73.7	55.3	82.9

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#50

Toluene-d8

Concen: 53.946 ug/l

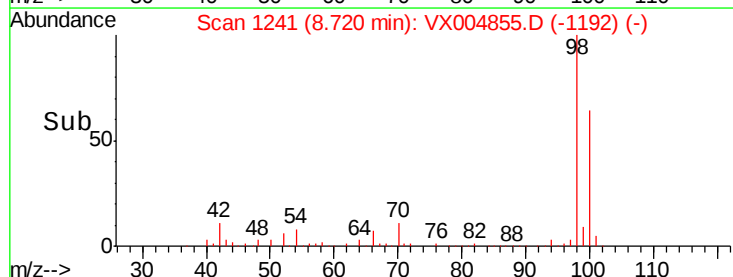
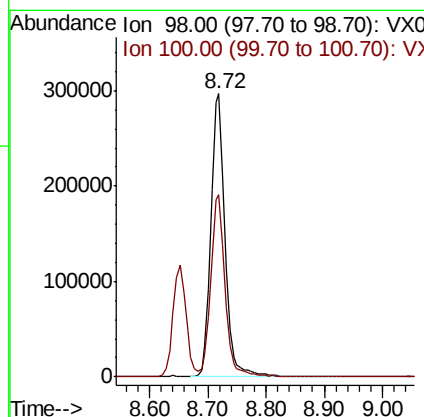
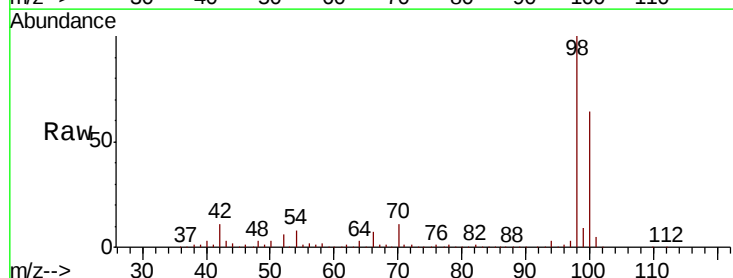
RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Tgt Ion:	98	Resp:	503902
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 290.368 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

Tot Ion: 43 Resp: 1342811

Ion Ratio Lower Upper

43 100

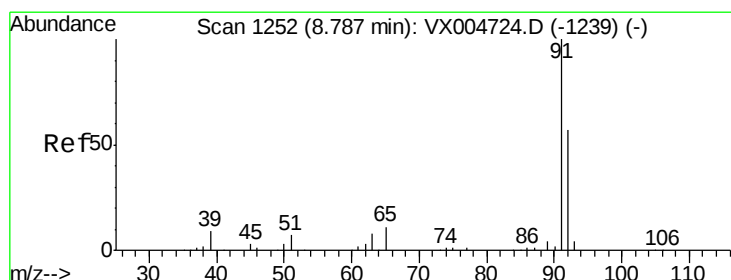
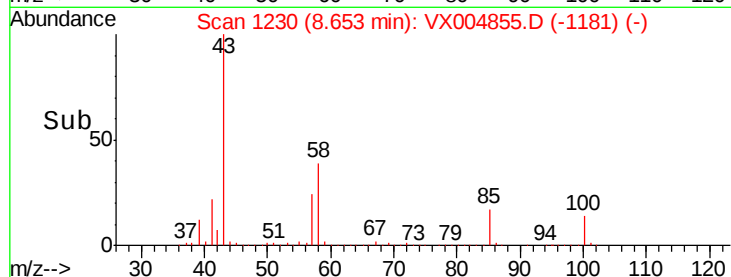
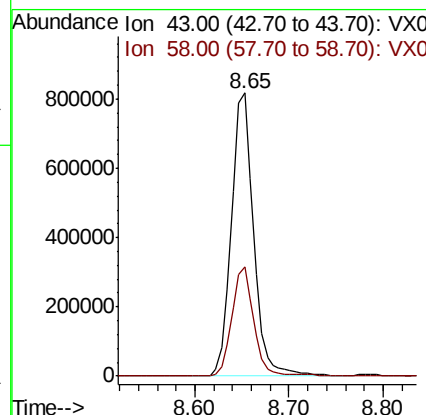
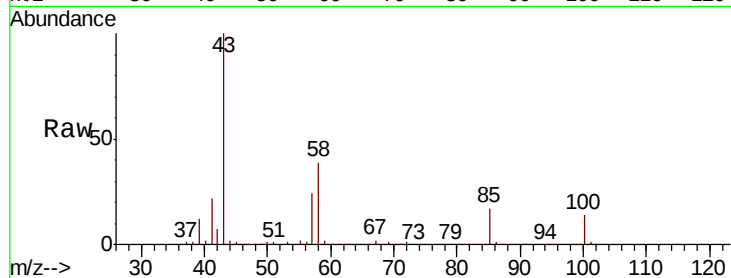
58 38.4 33.1 49.7

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#52

Toluene

Concen: 55.550 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004855.D

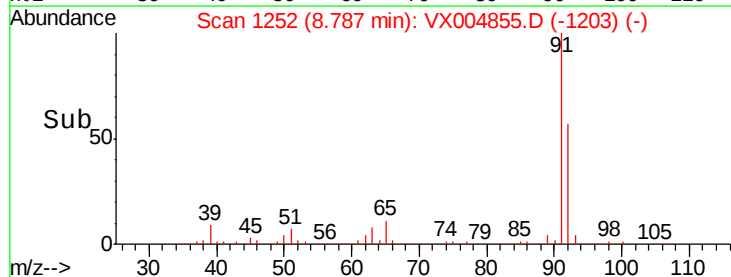
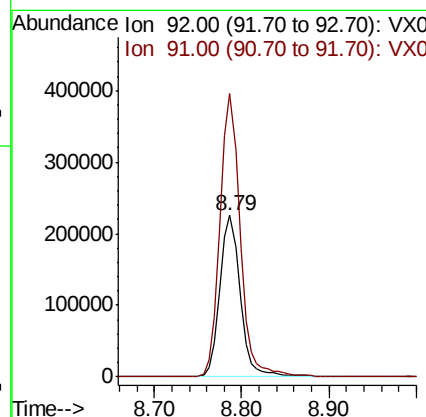
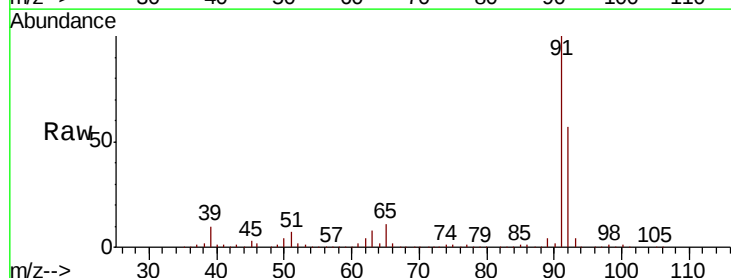
Acq: 29 Sep 2018 07:12

Tgt Ion: 92 Resp: 366332

Ion Ratio Lower Upper

92 100

91 174.1 136.4 204.6





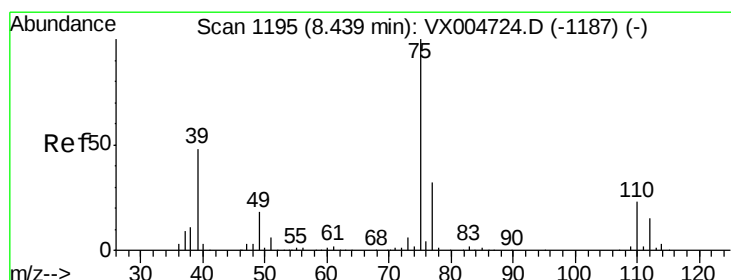
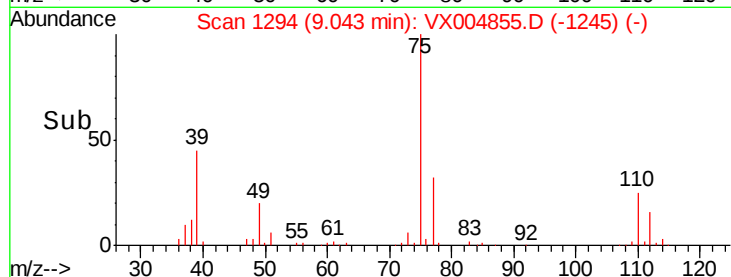
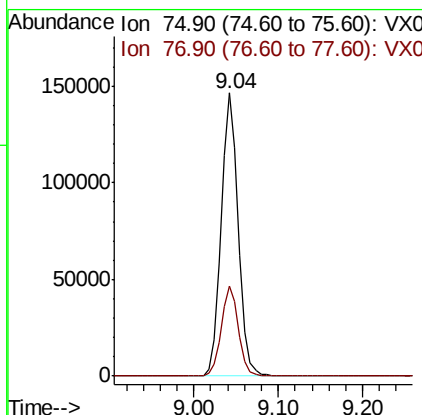
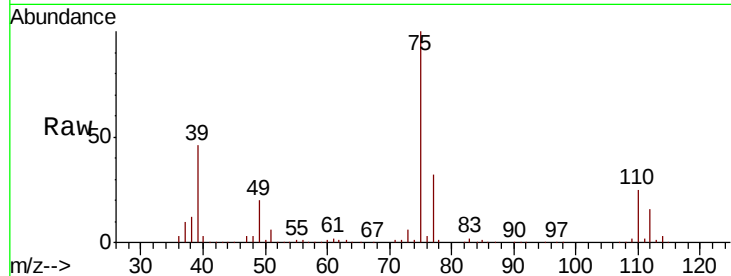
#53
t-1,3-Dichloropropene
Concen: 52.251 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

Tot Ion: 75 Resp: 204479
Ion Ratio Lower Upper
75 100
77 32.0 24.6 37.0

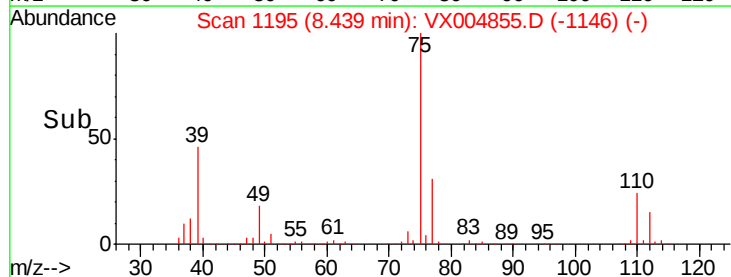
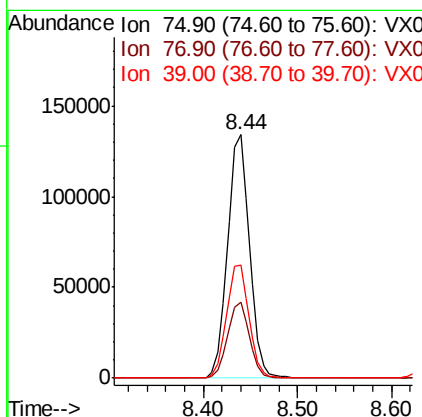
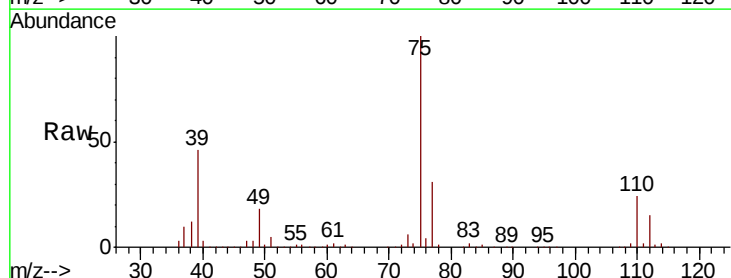
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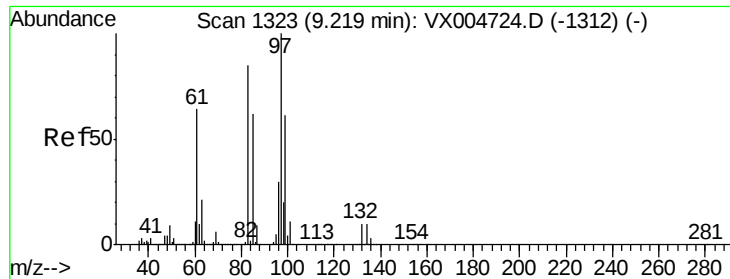
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#54
cis-1,3-Dichloropropene
Concen: 52.821 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion: 75 Resp: 216512
Ion Ratio Lower Upper
75 100
77 31.1 26.2 39.2
39 46.4 36.4 54.6





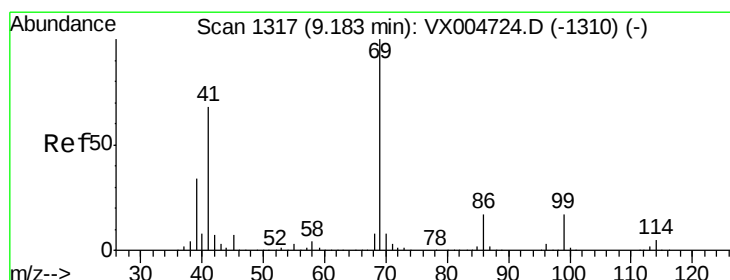
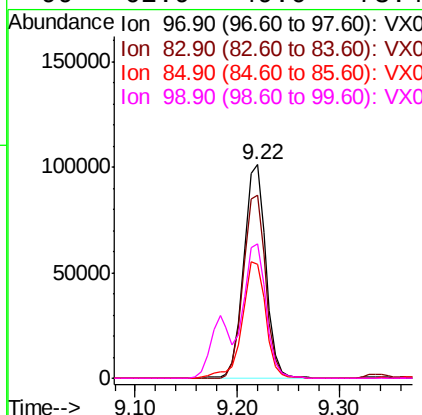
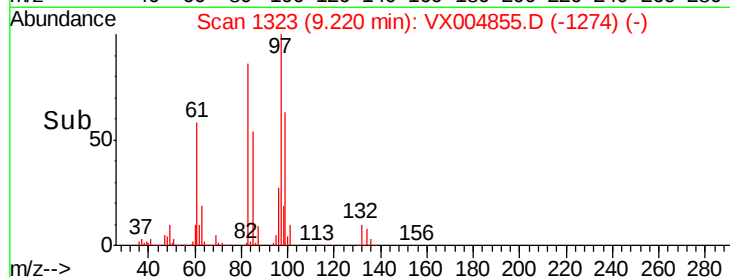
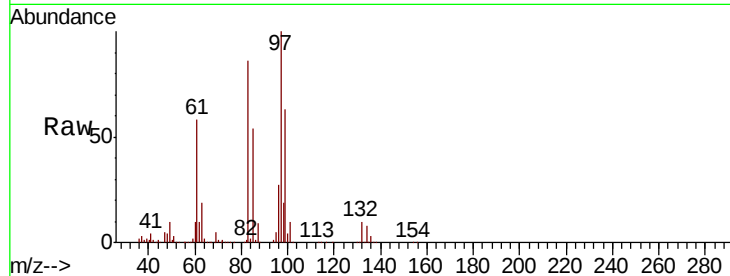
#55
 1,1,2-Trichloroethane
 Concen: 52.595 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW505-0913MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		151930		
83	85.5	66.4	99.6		
85	53.6	43.3	64.9		
99	62.9	49.0	73.4		

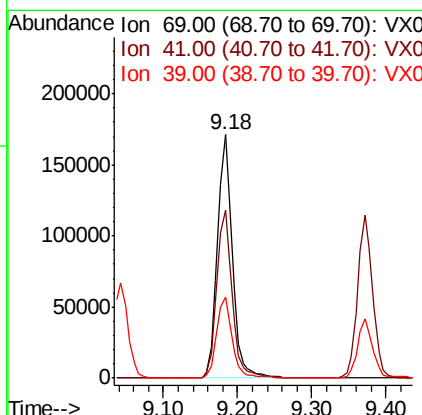
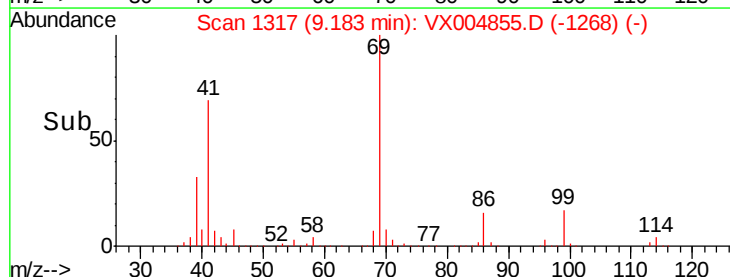
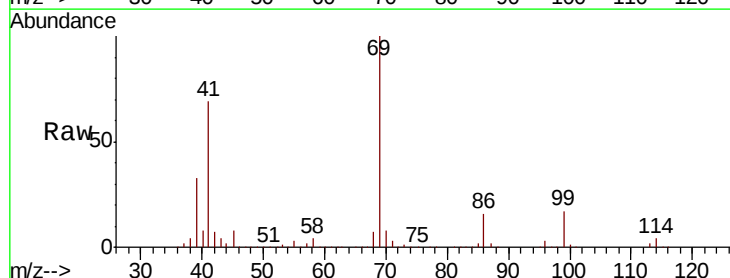
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#56
 Ethyl methacrylate
 Concen: 50.627 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		237495		
41	70.5	51.0	76.4		
39	34.0	26.1	39.1		





#57

1,3-Dichloropropane

Concen: 53.803 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

Tot Ion: 76 Resp: 258667

Ion Ratio Lower Upper

76 100

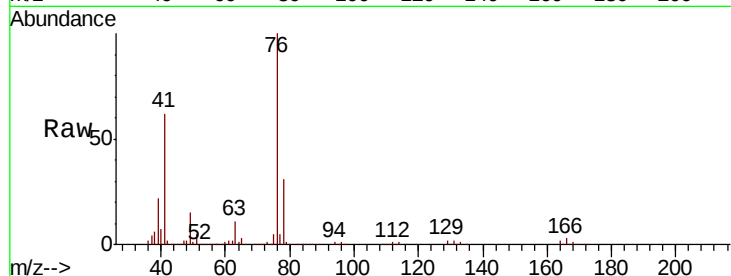
78 32.0 25.5 38.3

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

200000

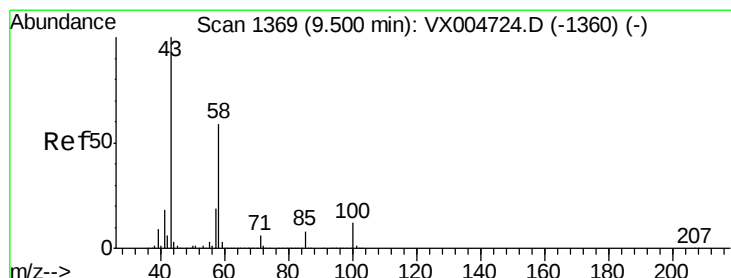
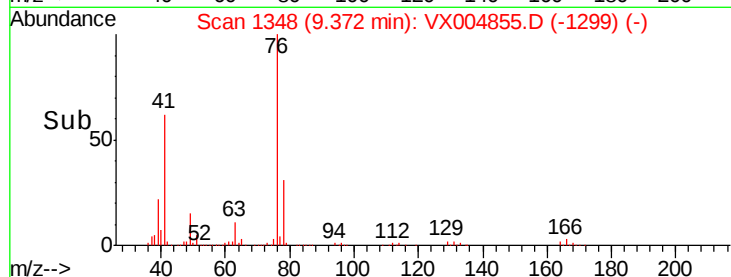
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 277.753 ug/l

RT: 9.50 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VX004855.D

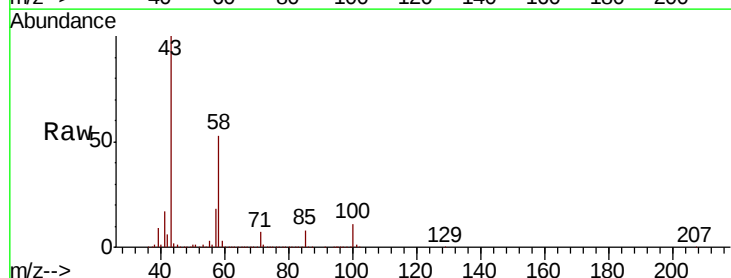
Acq: 29 Sep 2018 07:12

Tgt Ion: 43 Resp: 1070376

Ion Ratio Lower Upper

43 100

58 52.7 29.0 87.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.50

800000

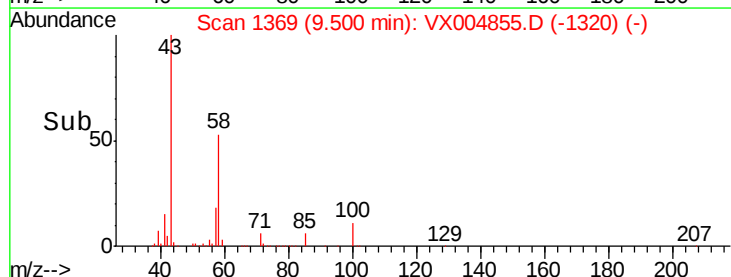
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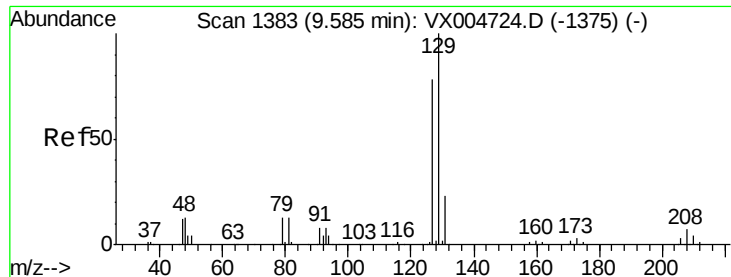
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 54.838 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

Tot Ion:129 Resp: 158421

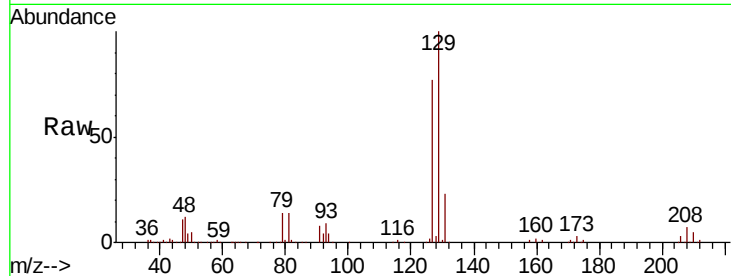
Ion Ratio Lower Upper

129 100

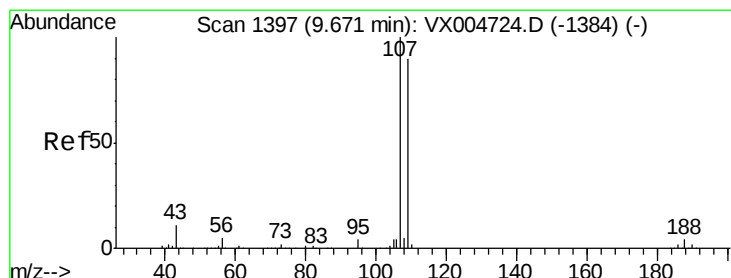
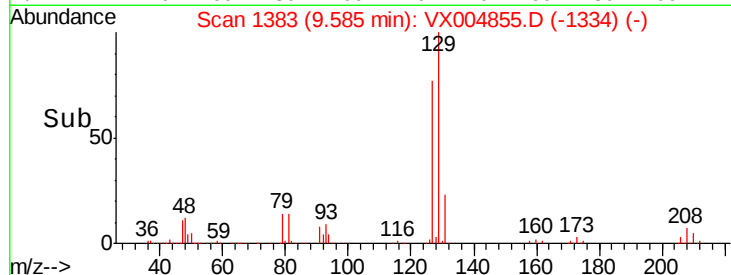
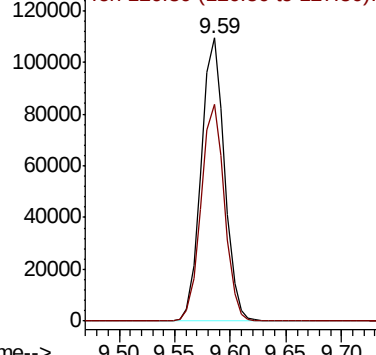
127 76.7 38.5 115.5

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Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.503 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004855.D

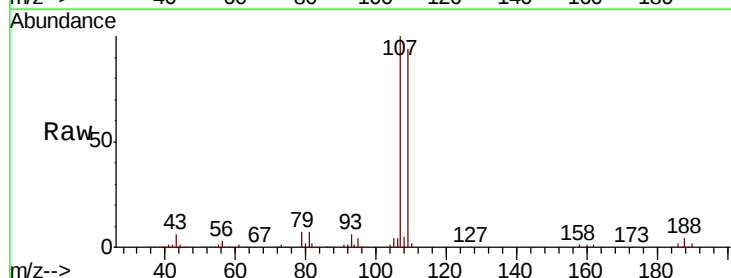
Acq: 29 Sep 2018 07:12

Tgt Ion:107 Resp: 156236

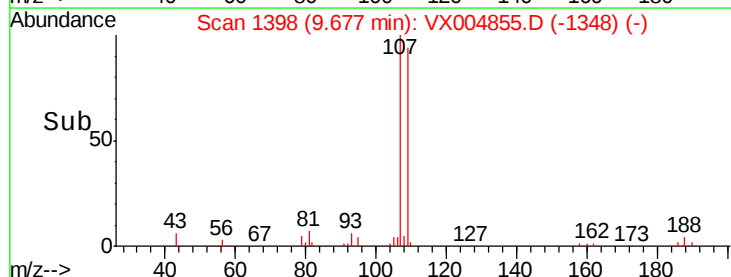
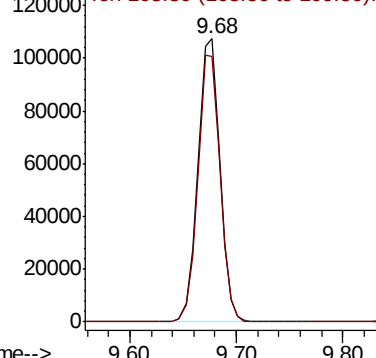
Ion Ratio Lower Upper

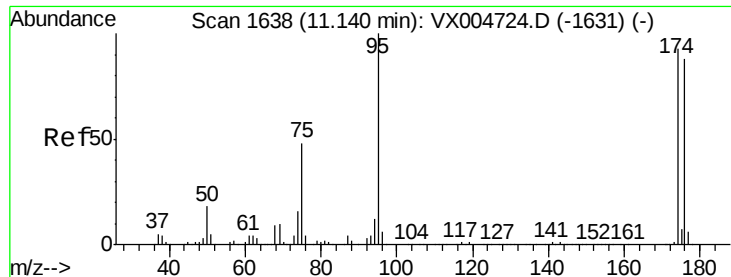
107 100

109 94.9 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 55.315 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

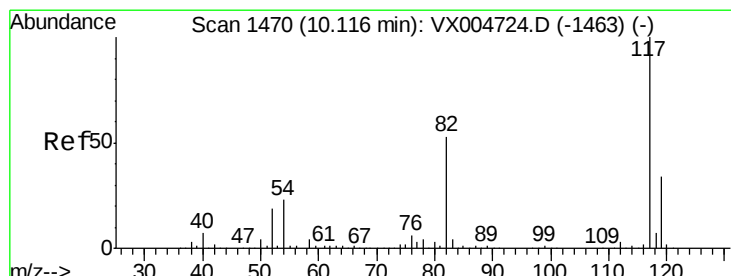
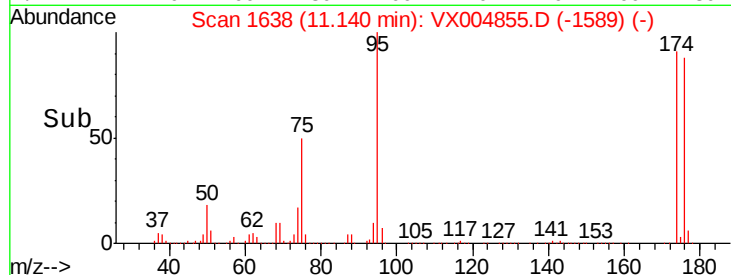
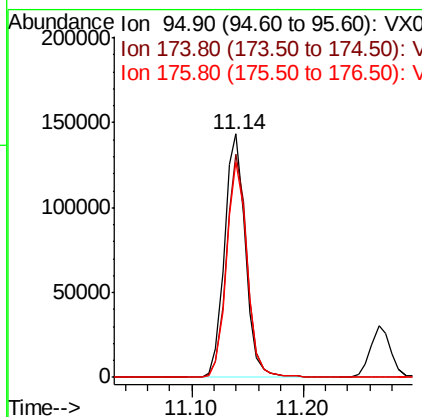
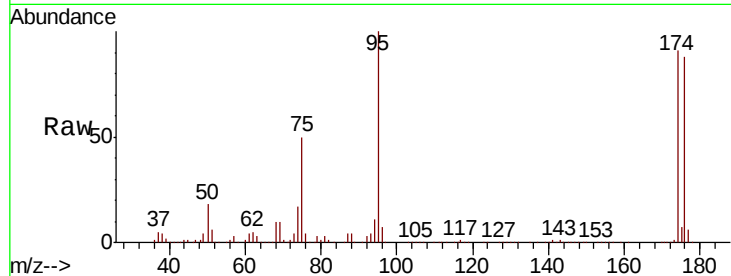
ClientSampleId :

SA-TW505-0913MS

Tot Ion:	95	Resp:	186140
Ion Ratio	Lower	Upper	
95	100		
174	90.2	0.0	185.2
176	87.5	0.0	178.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

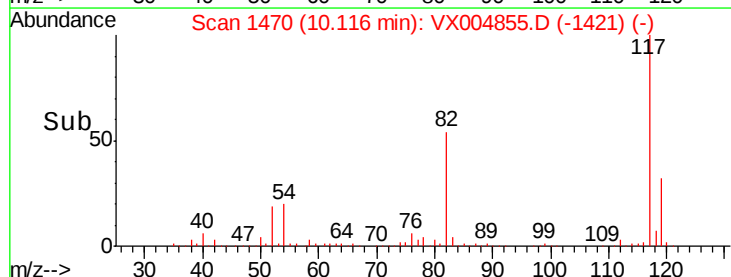
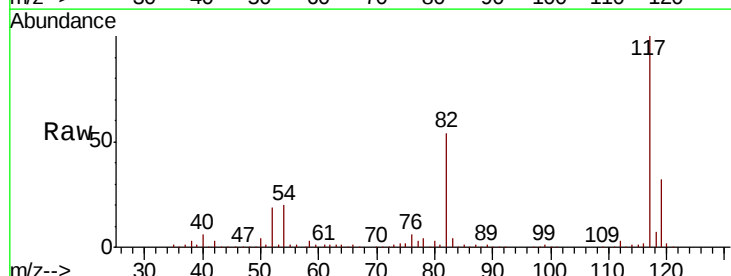
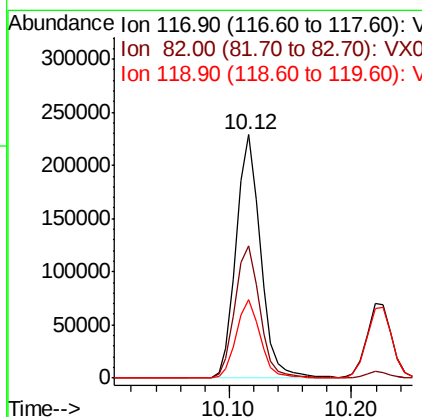
RT: 10.12 min Scan# 1470

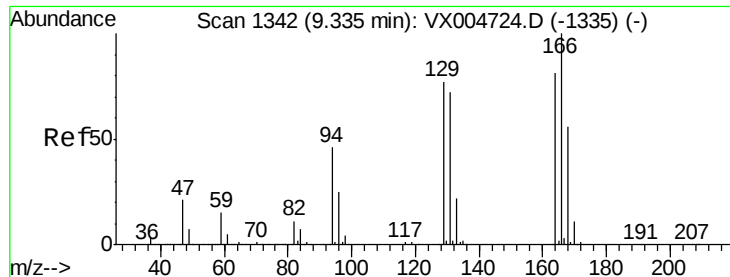
Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Tgt Ion:	117	Resp:	316923
Ion Ratio	Lower	Upper	
117	100		
82	54.2	47.8	71.6
119	32.5	29.3	43.9





#64

Tetrachloroethene

Concen: 46.903 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX004855.D

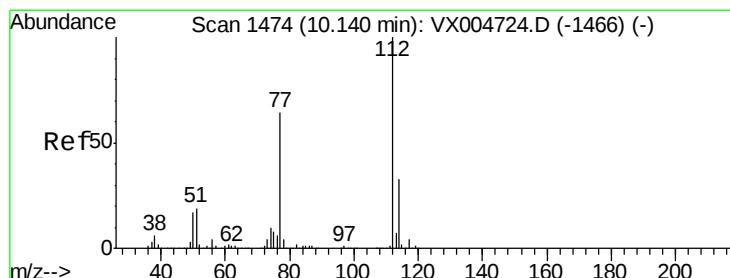
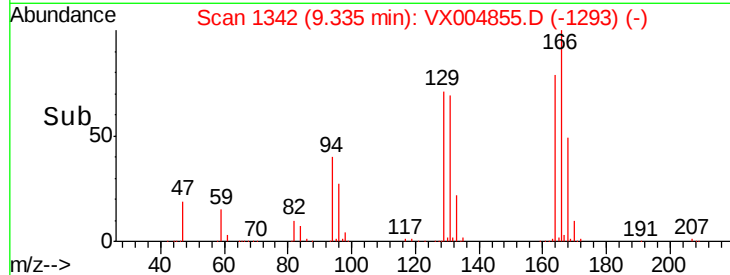
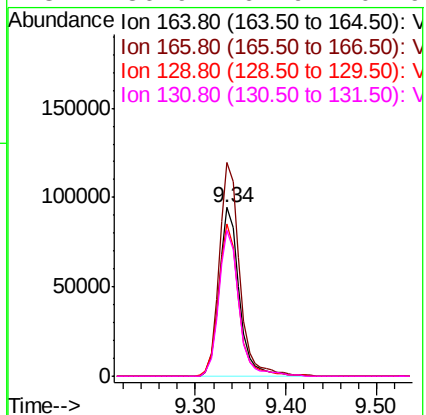
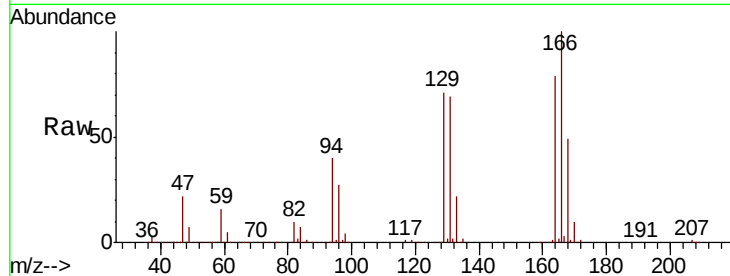
Acq: 29 Sep 2018 07:12

Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

Tot Ion:	164	Resp:	146301
Ion Ratio	Lower	Upper	
164	100		
166	126.7	102.8	154.2
129	90.3	69.4	104.0
131	86.9	67.9	101.9

Manual Integrations
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#65

Chlorobenzene

Concen: 49.767 ug/l

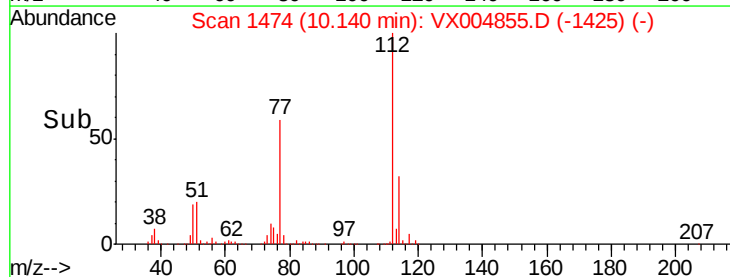
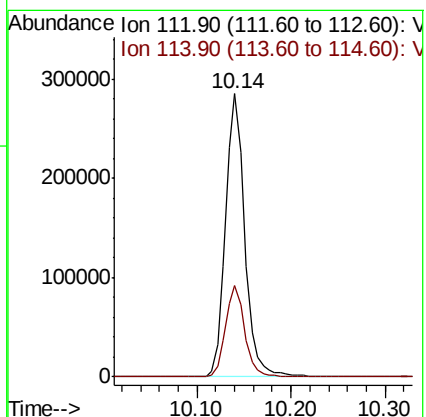
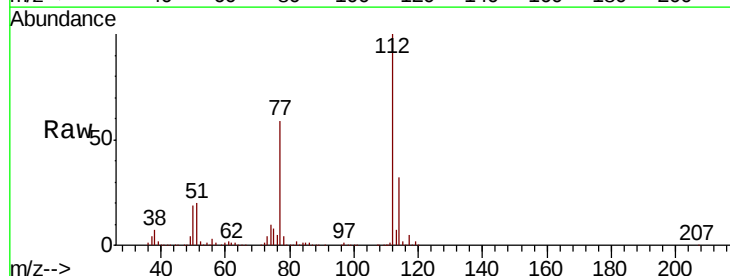
RT: 10.14 min Scan# 1474

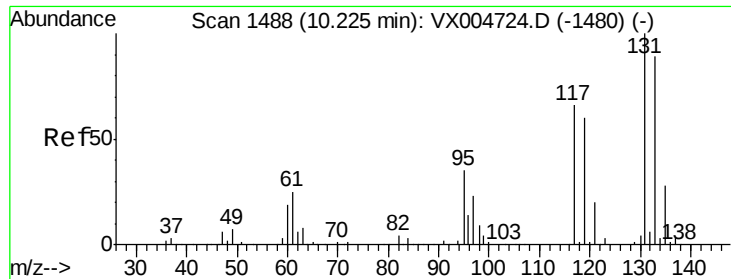
Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Tgt Ion:	112	Resp:	404446
Ion Ratio	Lower	Upper	
112	100		
114	32.3	27.8	41.8





#66

1,1,1,2-Tetrachloroethane

Concen: 51.720 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

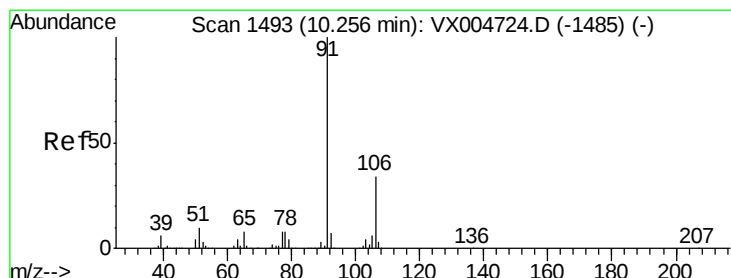
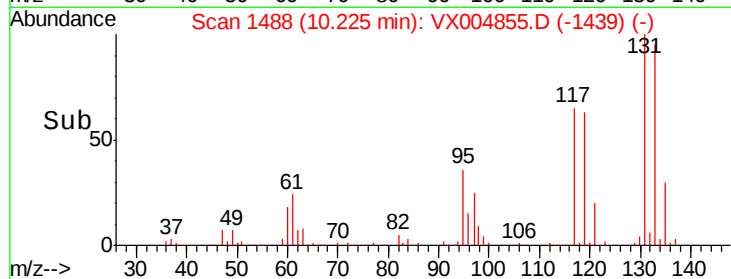
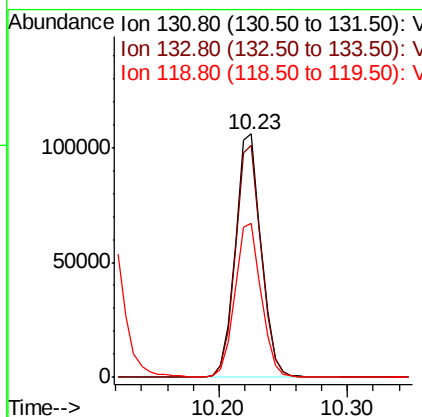
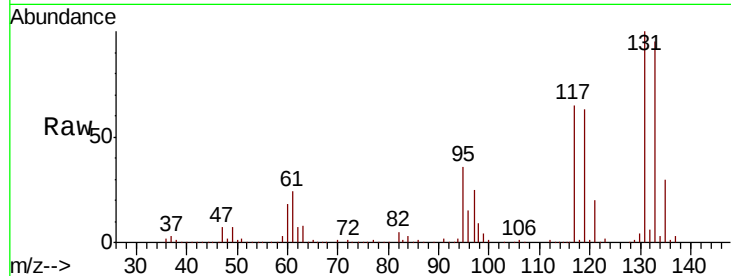
ClientSampleId :

SA-TW505-0913MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.6	48.1	144.4
119	64.4	32.9	98.6

Manual Integrations
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#67

Ethyl Benzene

Concen: 53.394 ug/l

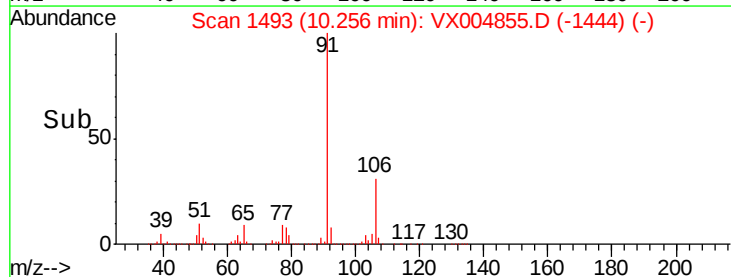
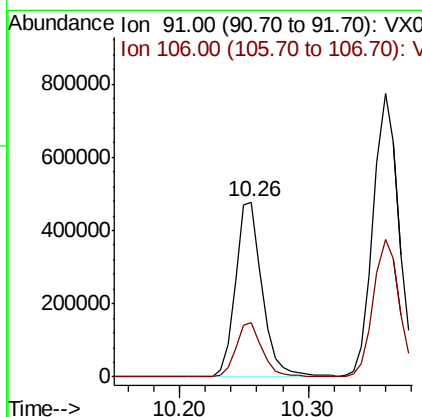
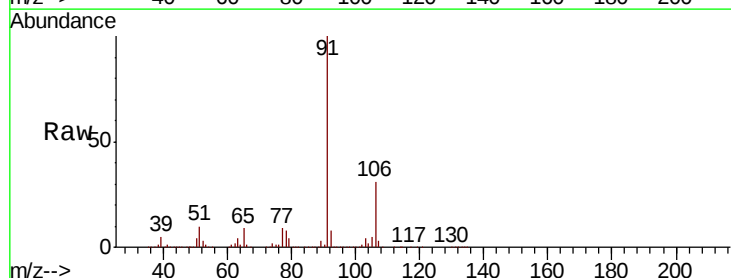
RT: 10.26 min Scan# 1493

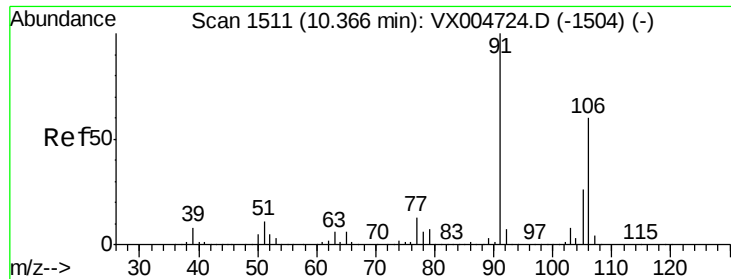
Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.9	38.9





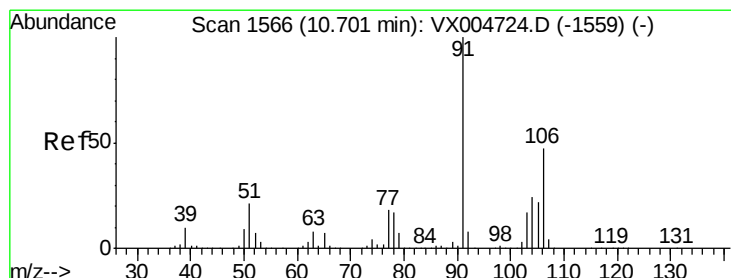
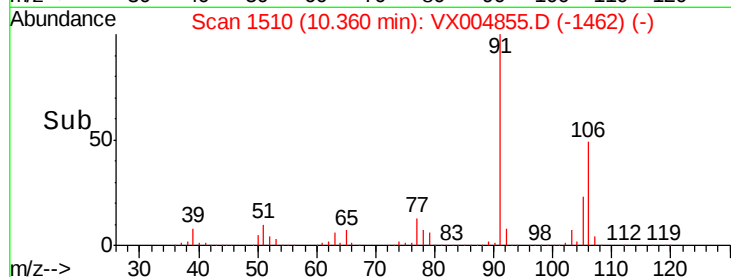
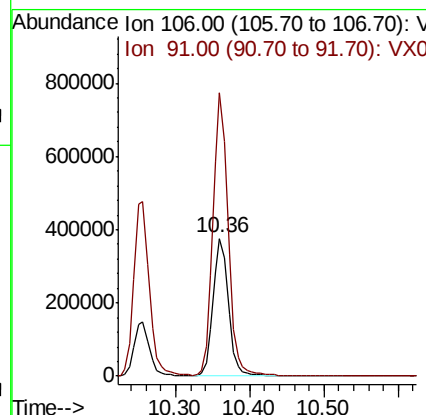
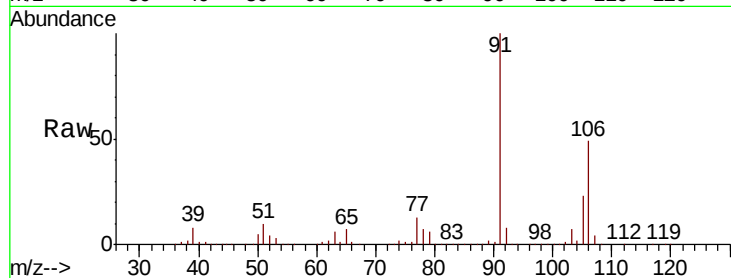
#68
m/p-Xvlenes
Concen: 106.108 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Instrument :
MSVOA_X
ClientSampled :
SA-TW505-0913MS

Tot Ion:106 Resp: 534979
Ion Ratio Lower Upper
106 100
91 204.2 157.1 235.7

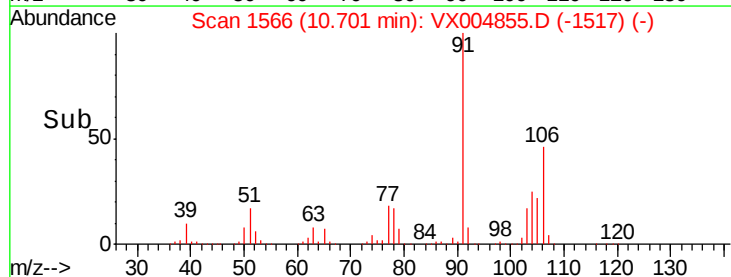
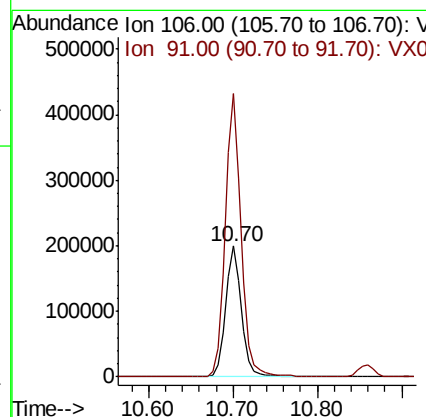
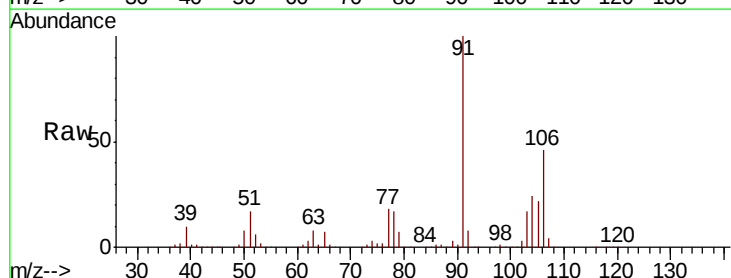
Manual Integrations
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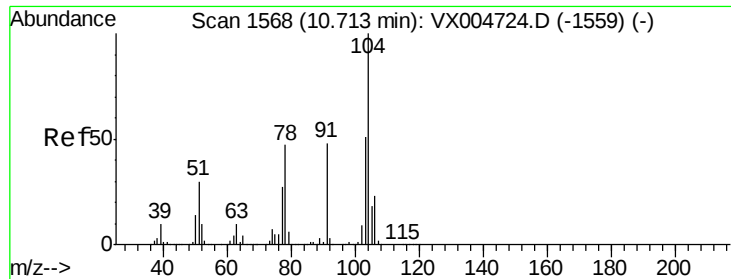
MMDadoda
10/1/2018 1:31:31 PM



#69
o-Xylene
Concen: 55.998 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion:106 Resp: 259320
Ion Ratio Lower Upper
106 100
91 216.4 105.1 315.1





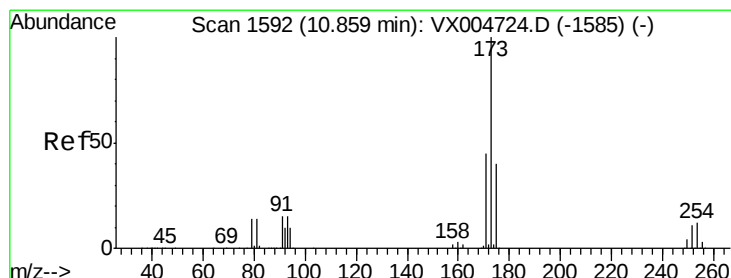
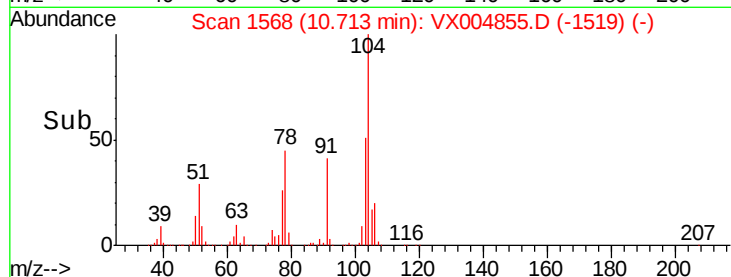
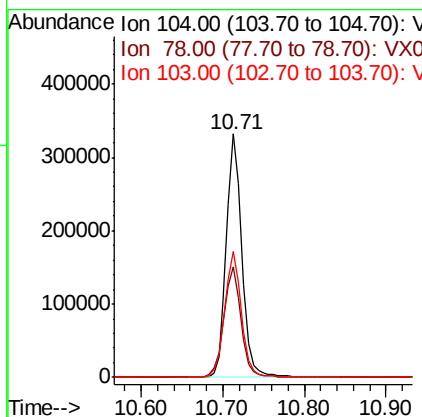
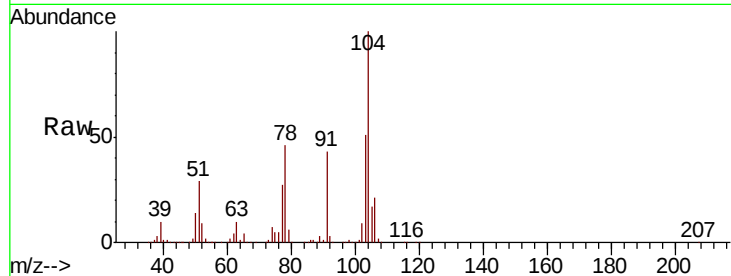
#70
Stvrene
Concen: 50.572 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.3	37.4	56.0
103	55.6	43.8	65.6

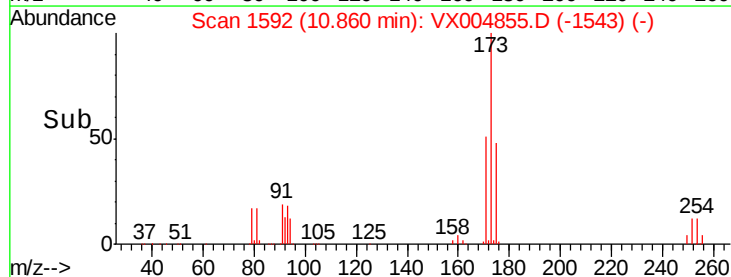
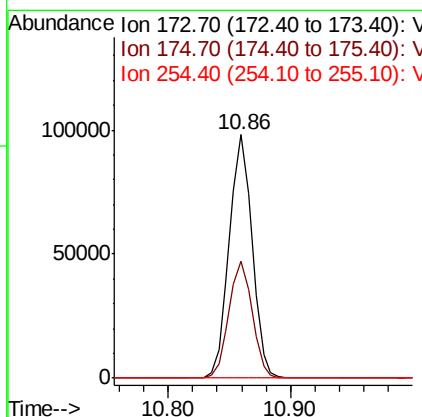
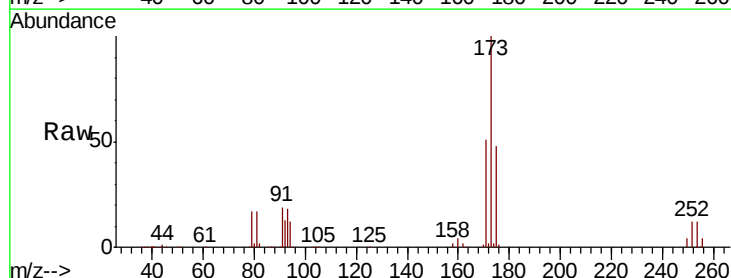
Manual Integrations
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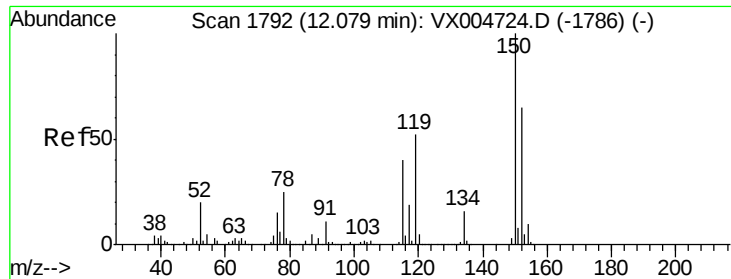
MMDadoda
10/1/2018 1:31:31 PM



#71
Bromoform
Concen: 51.842 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.1	72.3
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

Tot Ion:152 Resp: 192530

Ion Ratio Lower Upper

152 100

115 78.9 39.0 117.0

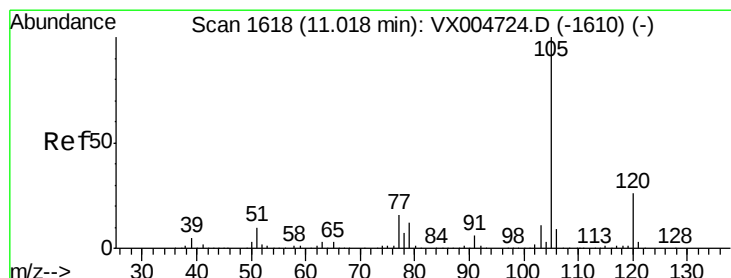
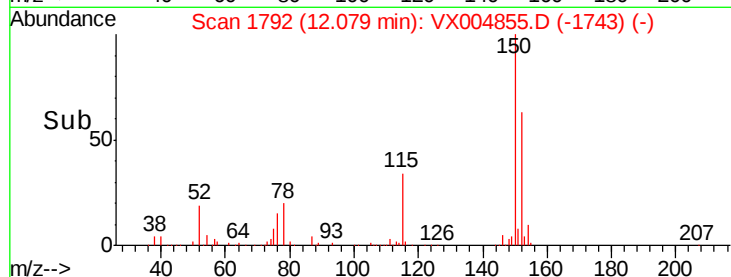
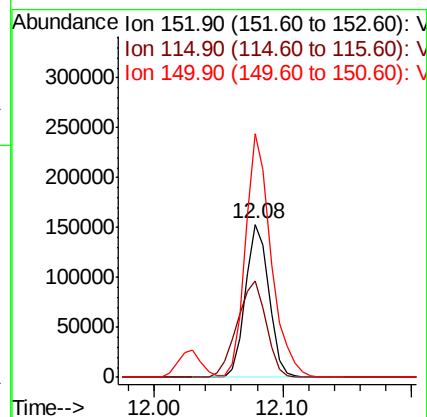
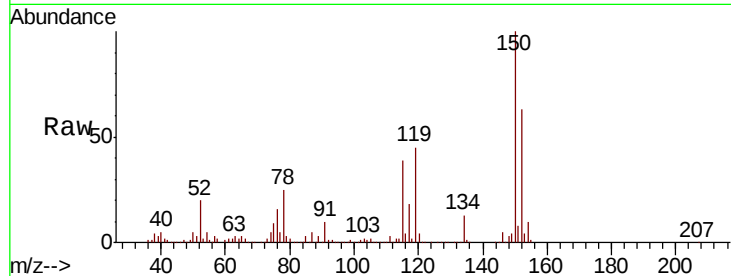
150 173.4 0.0 351.0

Manual Integrations

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#73

Isopropylbenzene

Concen: 56.797 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004855.D

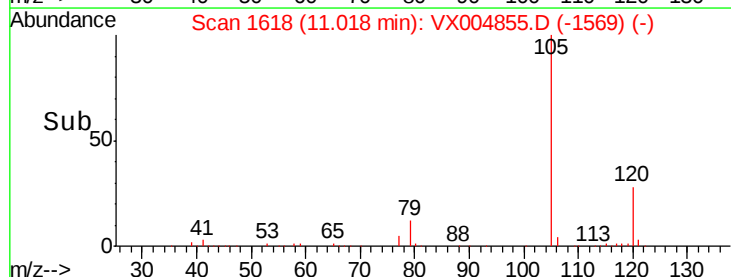
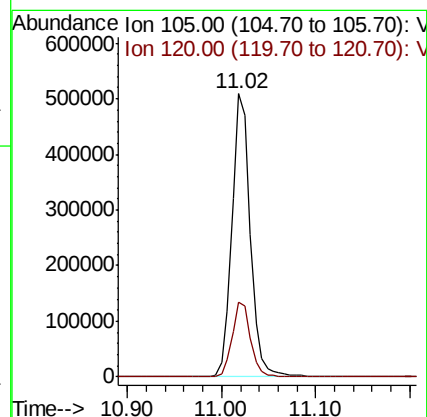
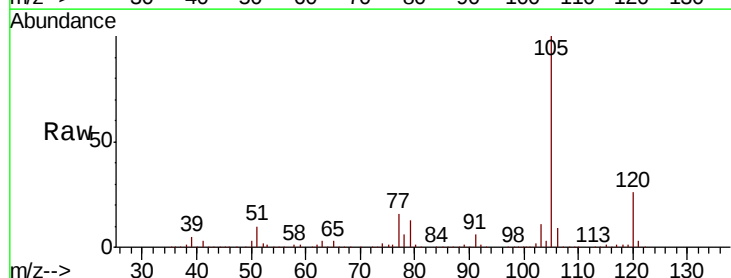
Acq: 29 Sep 2018 07:12

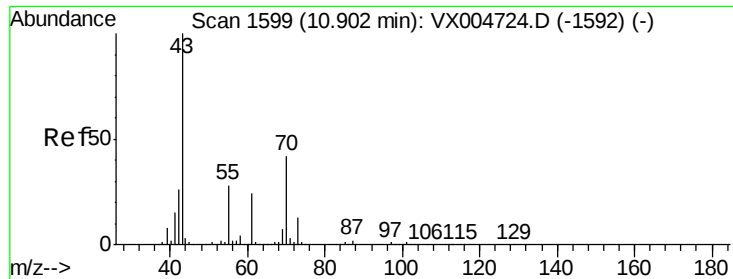
Tgt Ion:105 Resp: 689257

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.4





#74

N-amvl acetate

Concen: 43.812 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004855.D

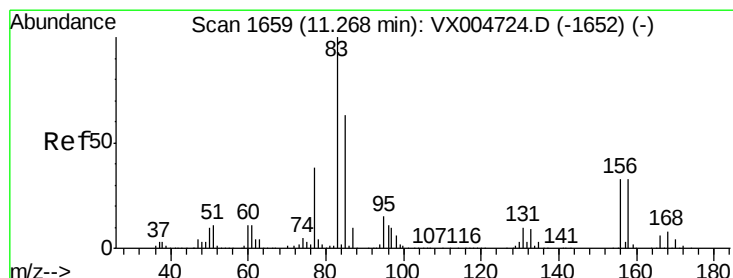
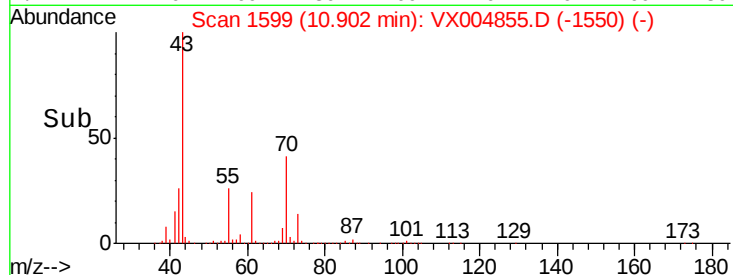
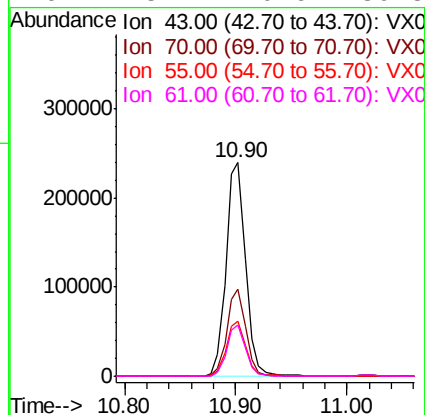
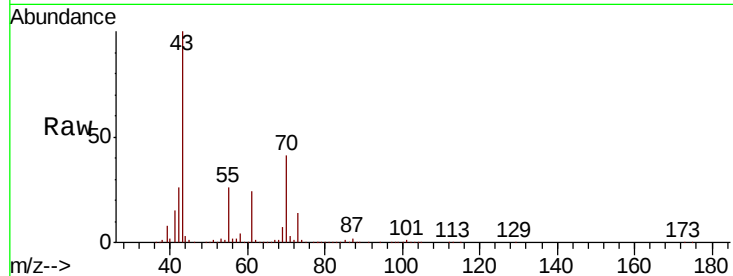
Acq: 29 Sep 2018 07:12

Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		290740		
70	39.9	37.4	56.0		
55	25.8	21.8	32.8		
61	23.2	20.6	30.8		

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#75

1,1,2,2-Tetrachloroethane

Concen: 50.867 ug/l

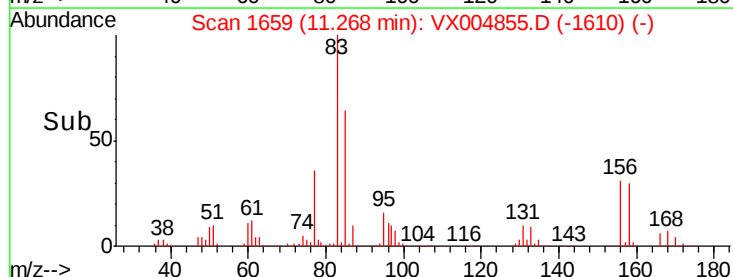
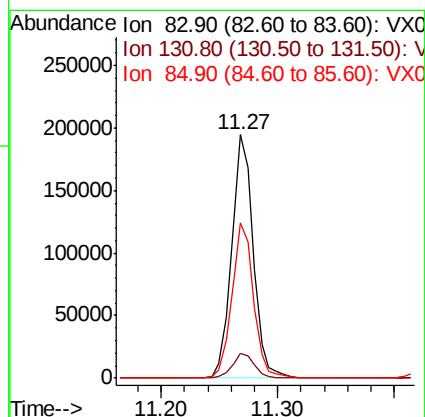
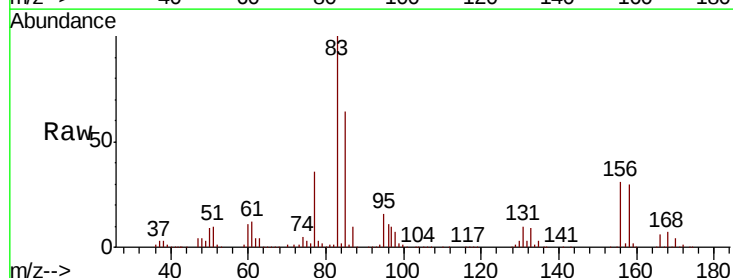
RT: 11.27 min Scan# 1659

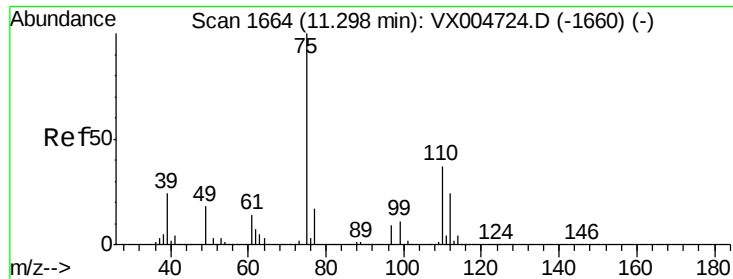
Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		251281		
131	10.5	5.2	15.6		
85	63.8	32.3	96.8		





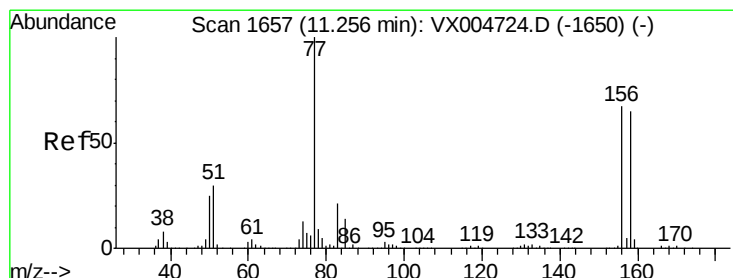
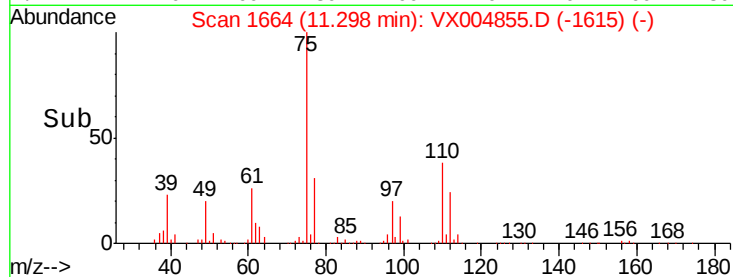
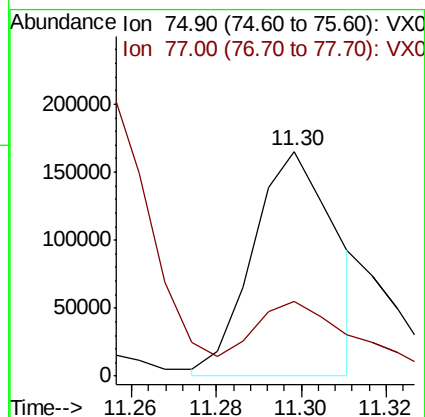
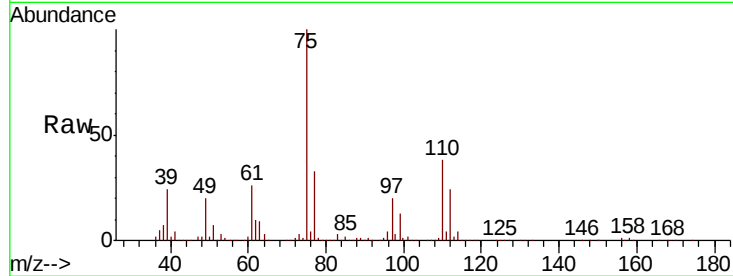
#76
 1,2,3-Trichloropropane
 Concen: 51.676 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW505-0913MS

Tot Ion: 75 Resp: 222997
 Ion Ratio Lower Upper
 75 100
 77 41.5 20.2 60.6

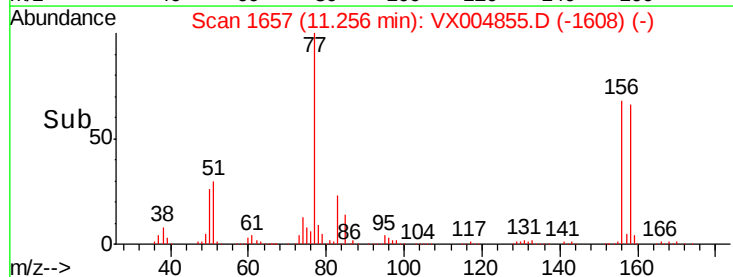
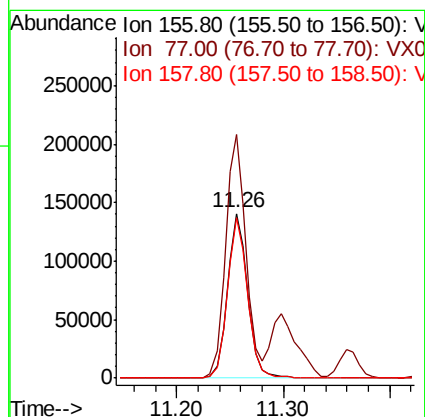
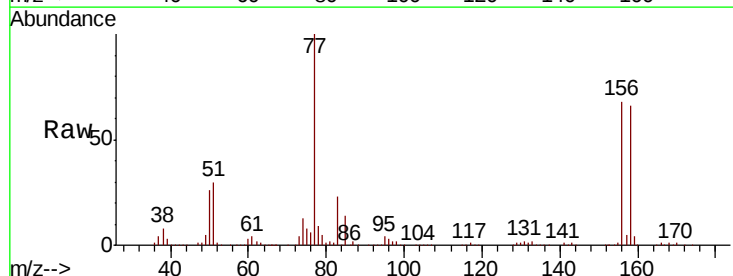
Manual Integrations
 APPROVED

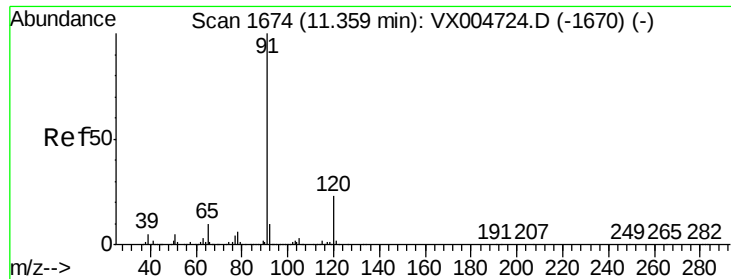
MMDadoda
 10/1/2018 1:31:31 PM



#77
 Bromobenzene
 Concen: 52.908 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Tgt Ion: 156 Resp: 186493
 Ion Ratio Lower Upper
 156 100
 77 148.3 71.5 214.3
 158 97.3 48.9 146.8





#78

n-propylbenzene

Concen: 56.287 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

Tot Ion: 91 Resp: 783731

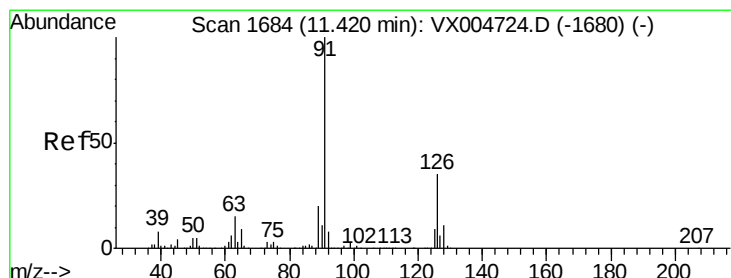
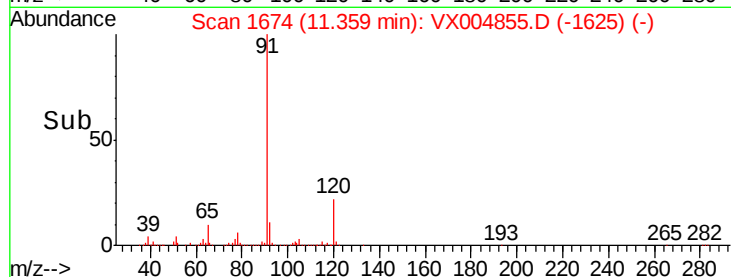
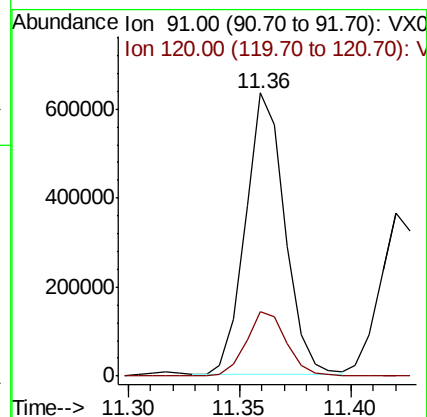
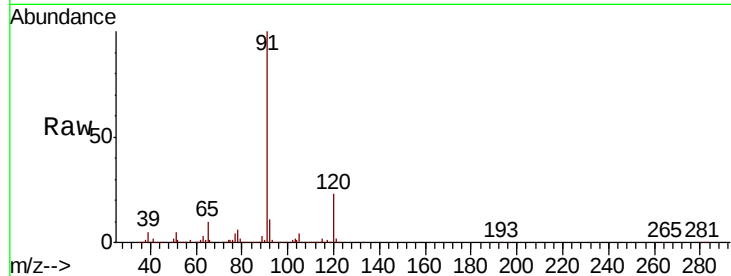
Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.9

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#79

2-Chlorotoluene

Concen: 54.845 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004855.D

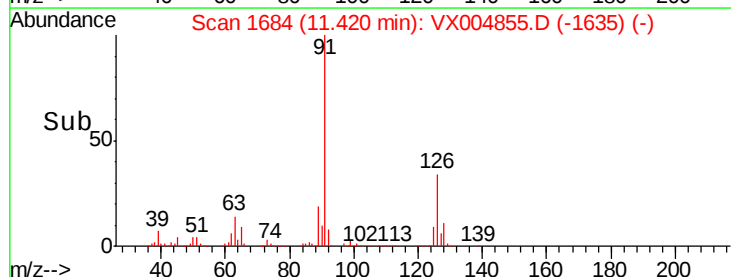
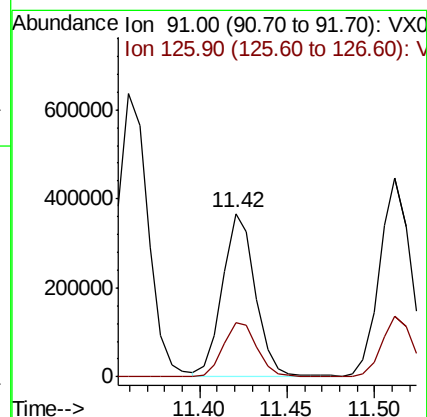
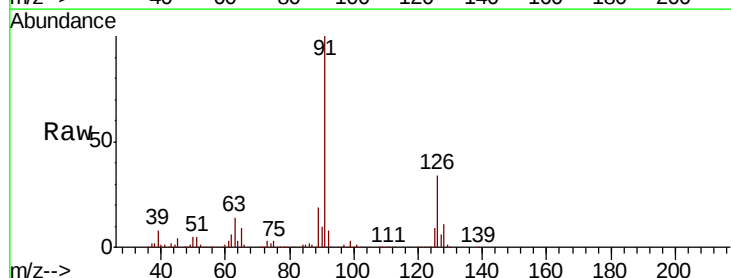
Acq: 29 Sep 2018 07:12

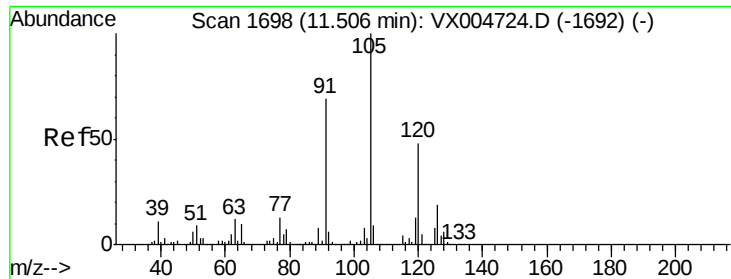
Tgt Ion: 91 Resp: 476004

Ion Ratio Lower Upper

91 100

126 34.9 17.9 53.7





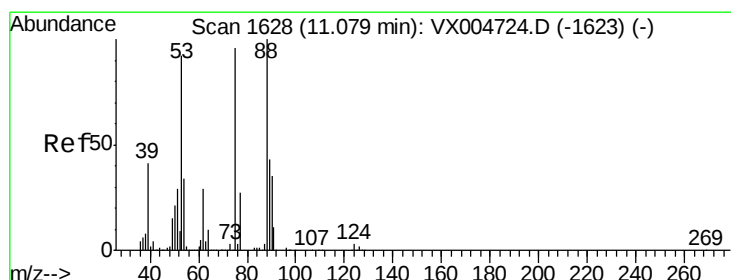
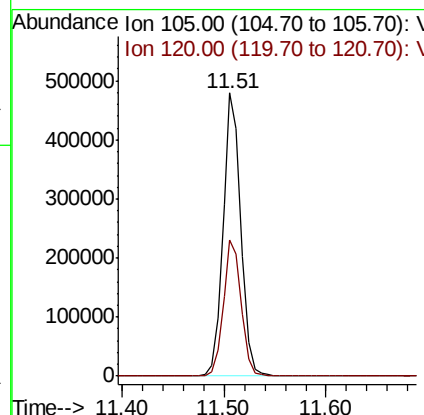
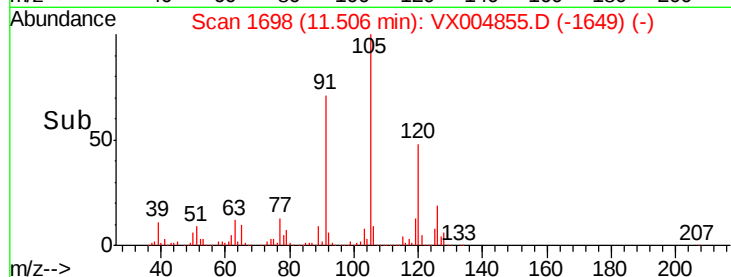
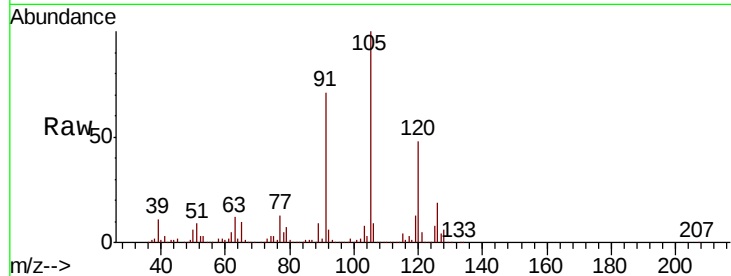
#80
 1,3,5-Trimethylbenzene
 Concen: 52.387 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW505-0913MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.6	25.6	76.8

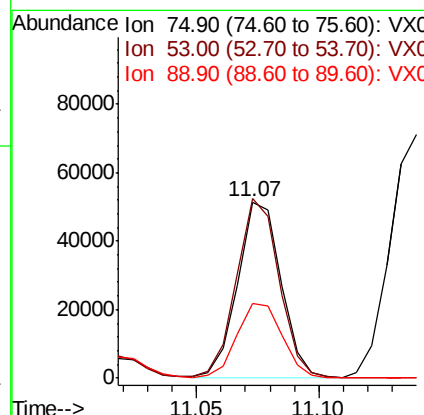
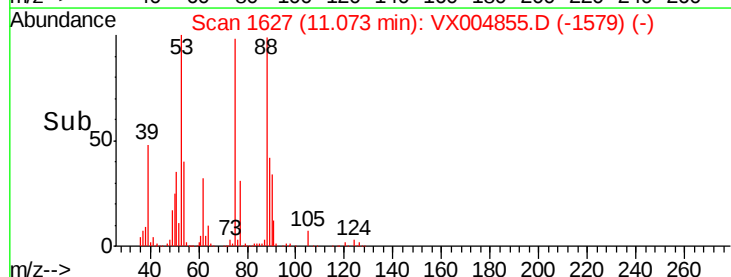
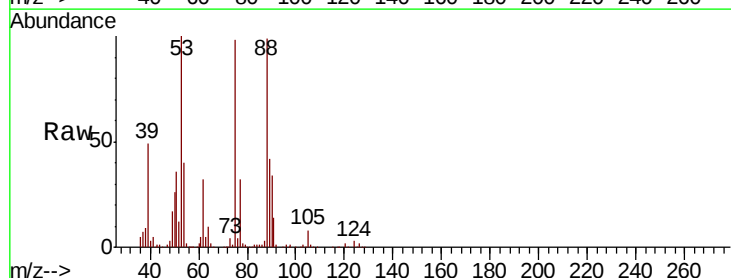
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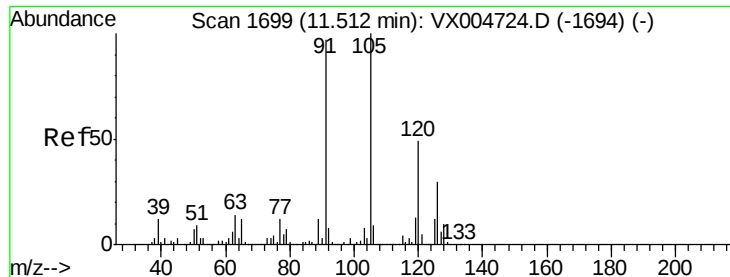
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 40.342 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.3	80.1	120.1
89	44.5	37.2	55.8





#82

4-Chlorotoluene

Concen: 54.945 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-0913MS

Tot Ion: 91 Resp: 561297

Ion Ratio Lower Upper

91 100

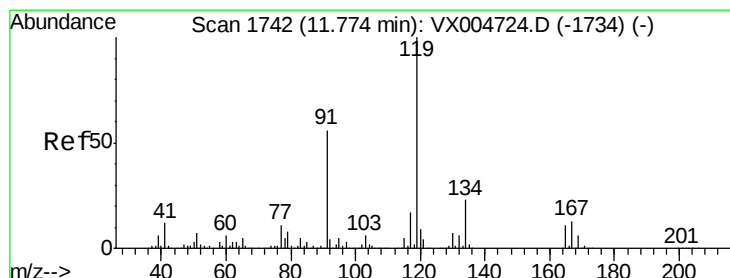
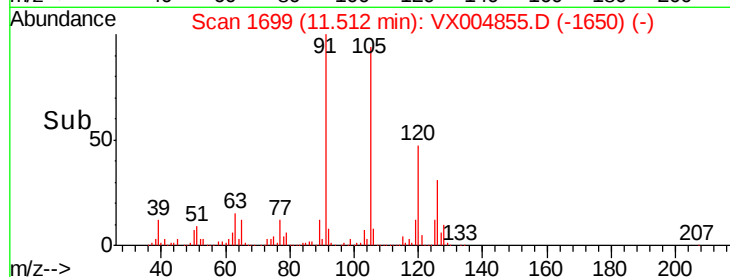
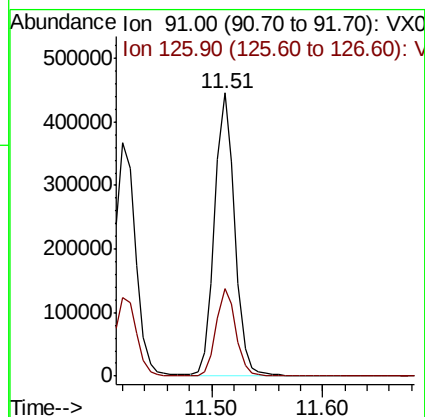
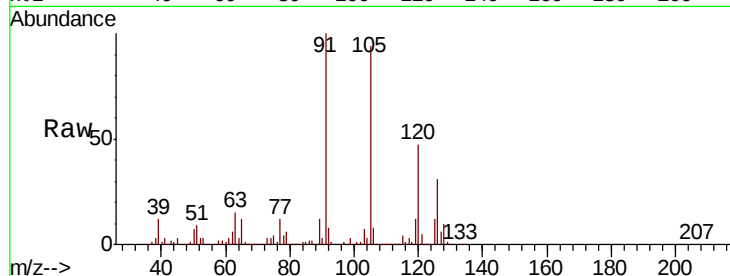
126 30.4 15.5 46.5

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#83

tert-Butylbenzene

Concen: 57.764 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

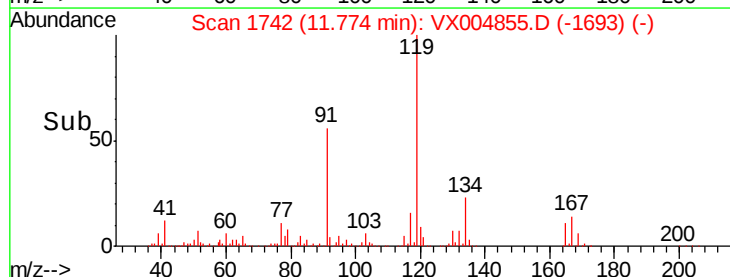
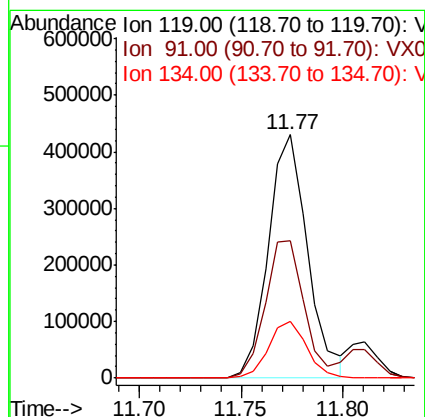
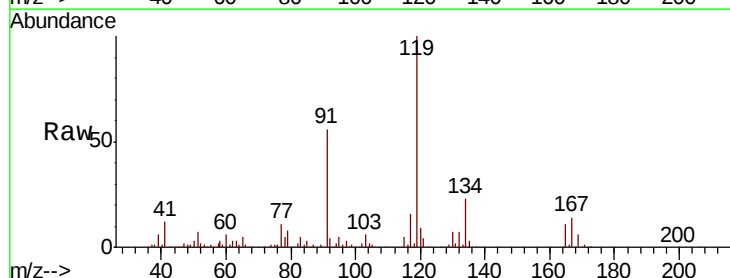
Tgt Ion: 119 Resp: 577151

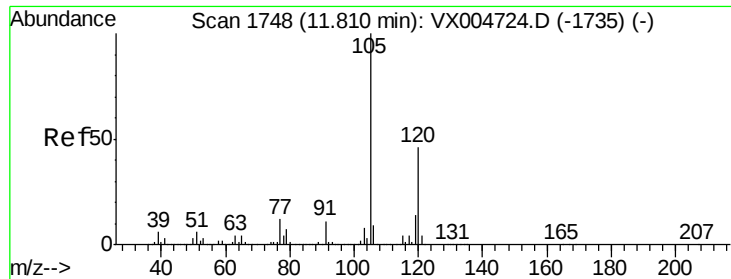
Ion Ratio Lower Upper

119 100

91 55.4 27.0 81.0

134 22.9 11.7 35.1





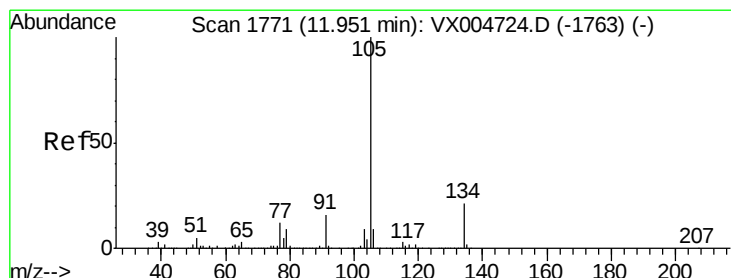
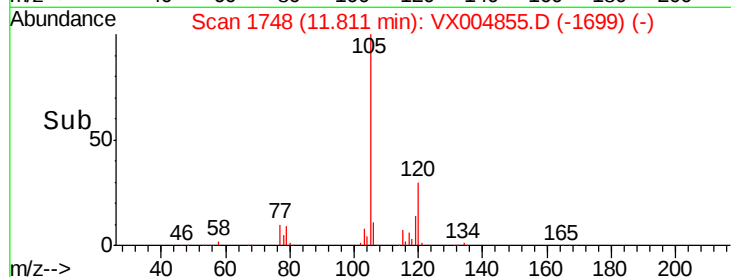
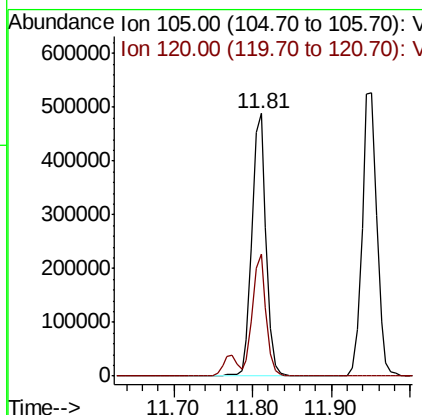
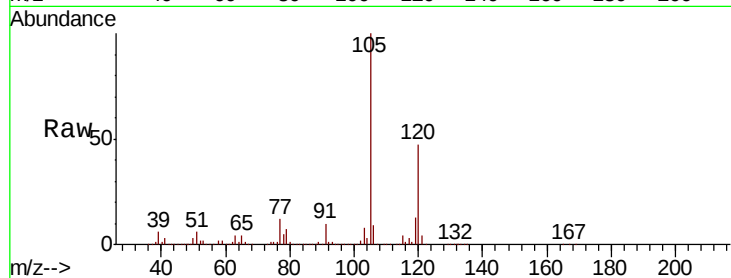
#84
 1,2,4-Trimethylbenzene
 Concen: 53.070 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW505-0913MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.7	23.2	69.6

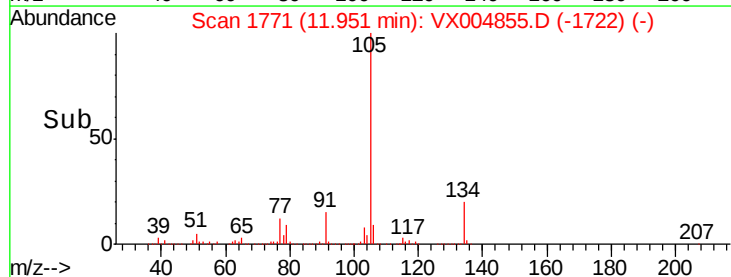
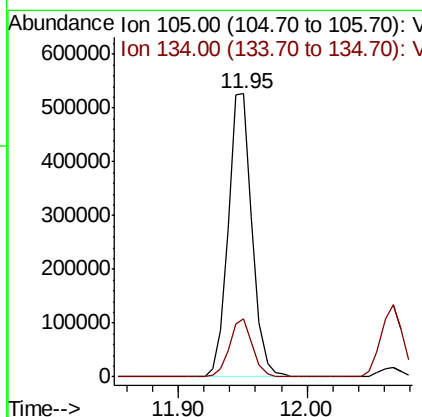
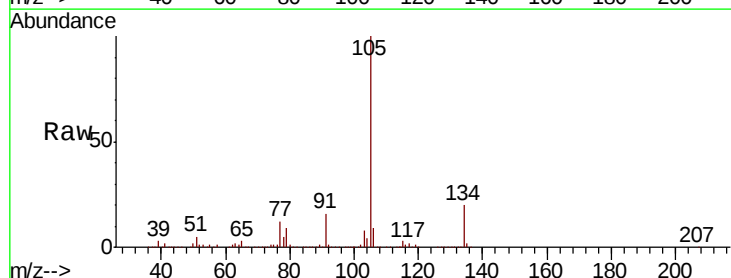
Manual Integrations
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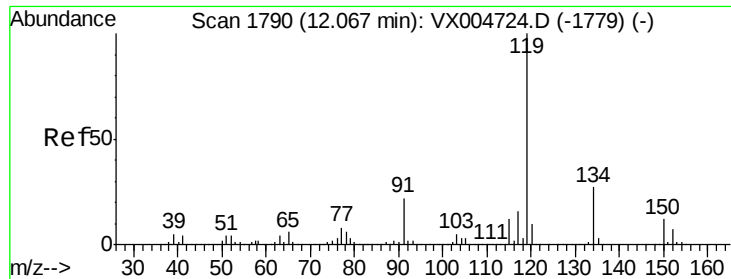
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#85
 sec-Butylbenzene
 Concen: 56.157 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.5	31.5





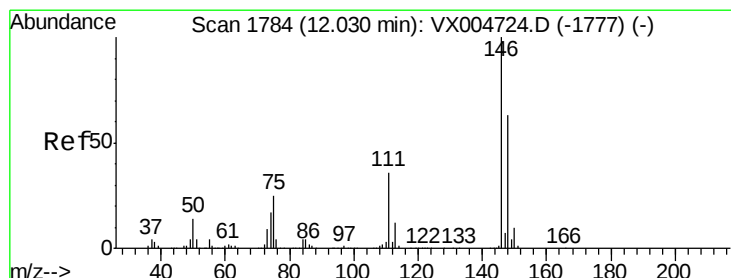
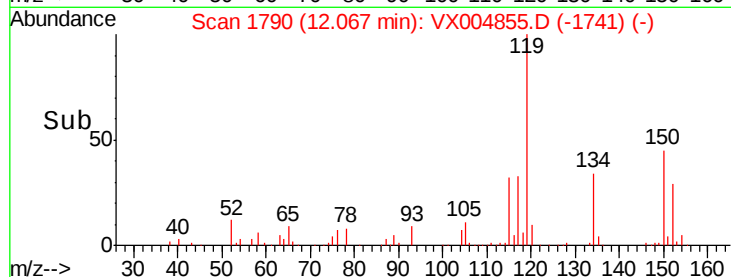
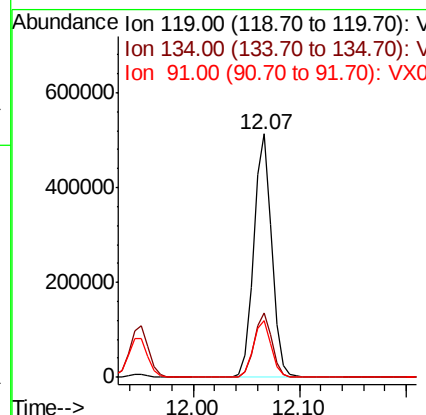
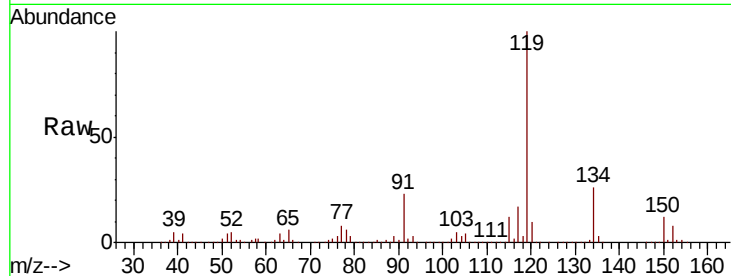
#86
 p-Isopropyltoluene
 Concen: 54.951 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW505-0913MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	605889		
134	26.3		13.4	40.2
91	23.3		10.9	32.7

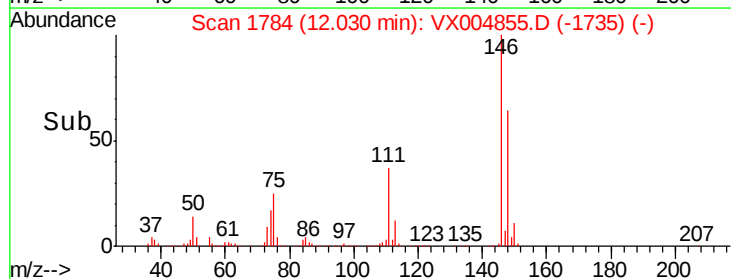
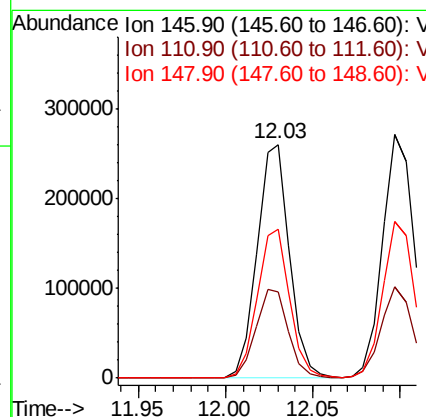
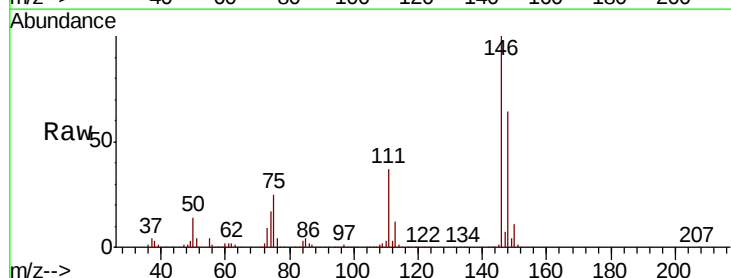
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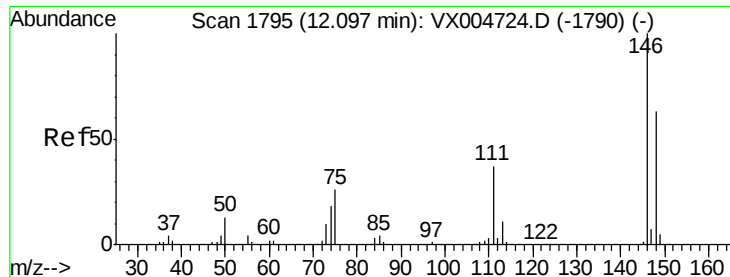
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#87
 1,3-Dichlorobenzene
 Concen: 51.351 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	337985		
111	38.2		18.7	56.1
148	63.6		32.1	96.5





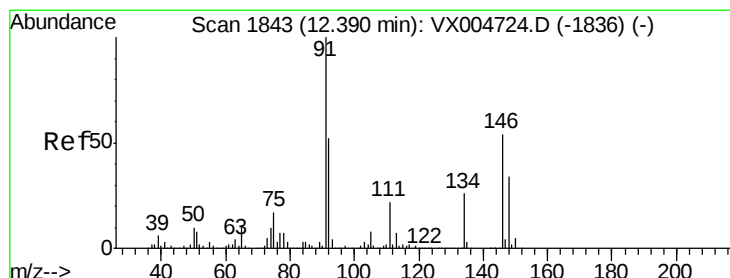
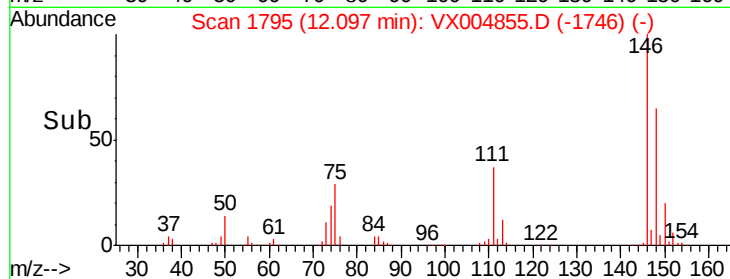
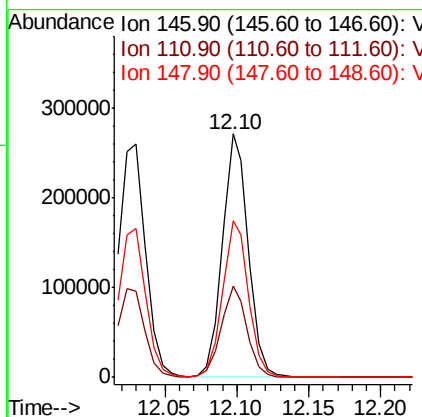
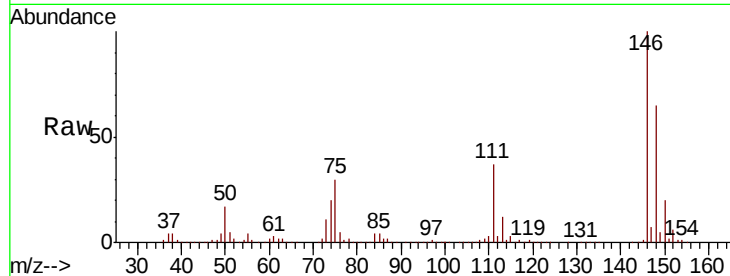
#88
 1,4-Dichlorobenzene
 Concen: 50.410 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Instrument :
 MSVOA_X
 ClientSampled :
 SA-TW505-0913MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.1	54.1
148	64.7	32.0	96.0

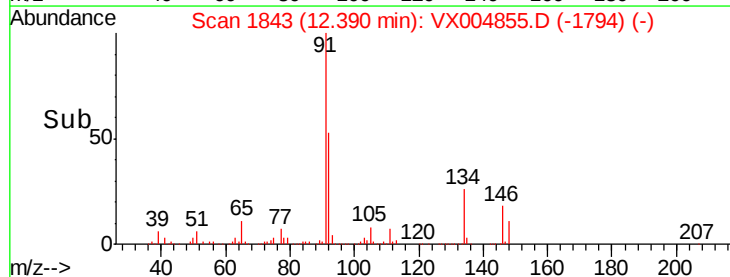
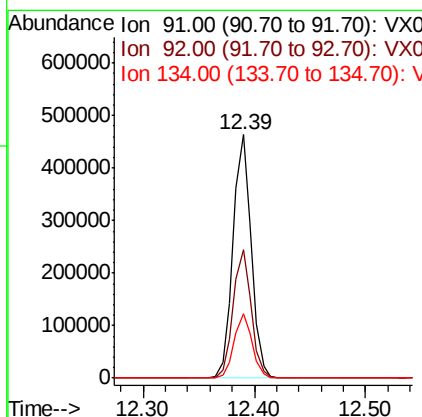
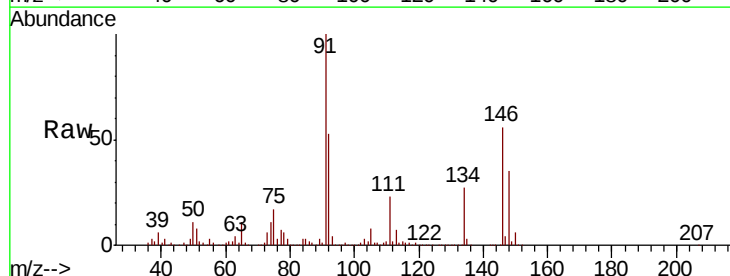
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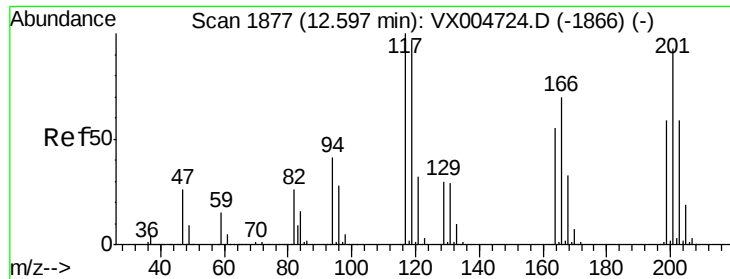
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#89
 n-Butylbenzene
 Concen: 52.378 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.3	27.3	81.9
134	26.5	13.6	40.7





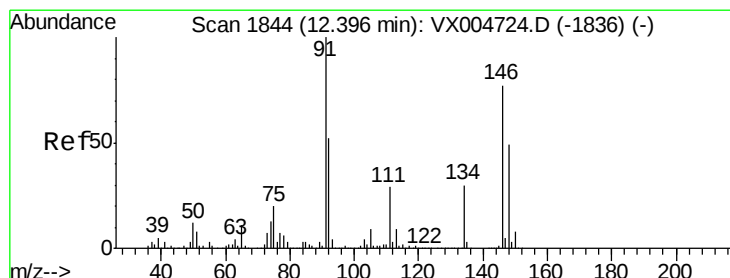
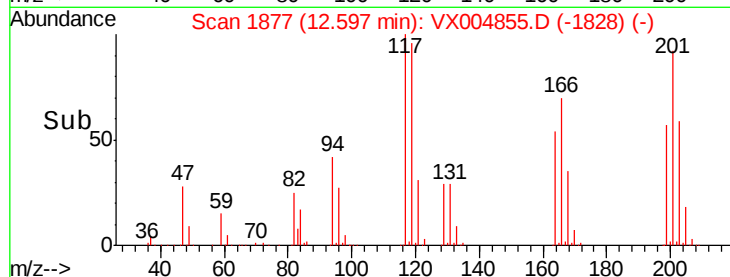
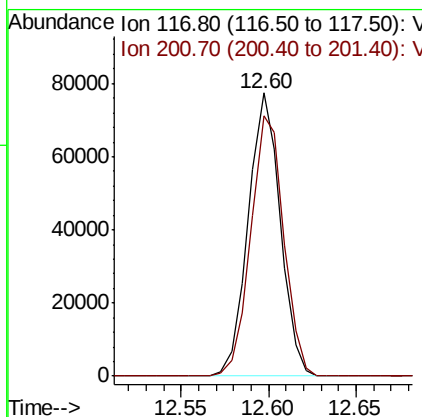
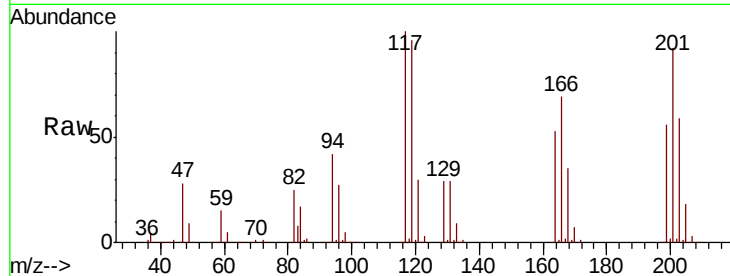
#90
Hexachloroethane
Concen: 53.502 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-0913MS

Tot Ion:117 Resp: 98219
Ion Ratio Lower Upper
117 100
201 94.9 46.9 140.6

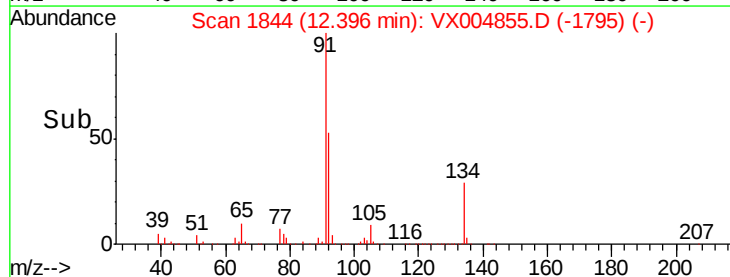
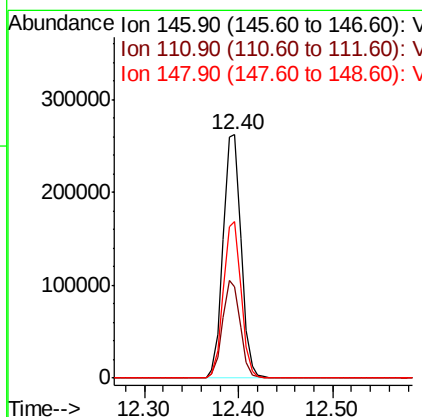
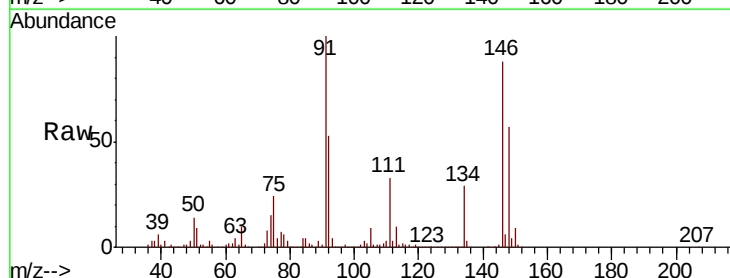
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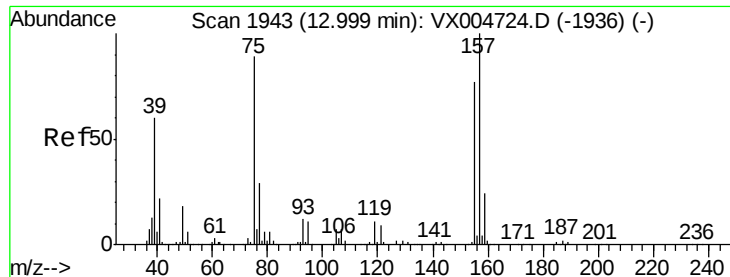
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#91
1,2-Dichlorobenzene
Concen: 50.397 ug/l
RT: 12.40 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VX004855.D
Acq: 29 Sep 2018 07:12

Tgt Ion:146 Resp: 346648
Ion Ratio Lower Upper
146 100
111 39.4 19.4 58.1
148 63.5 32.8 98.3





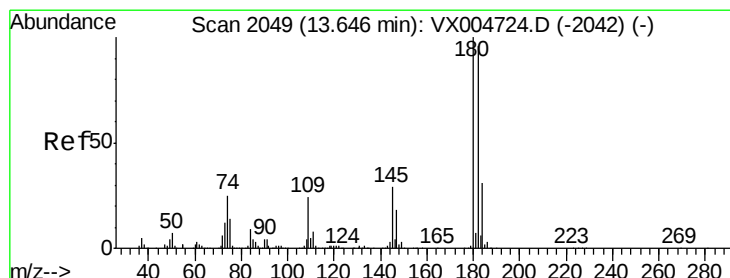
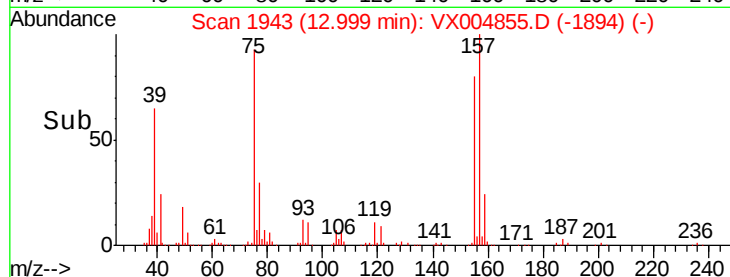
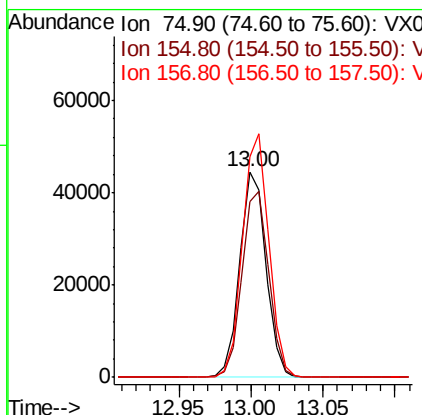
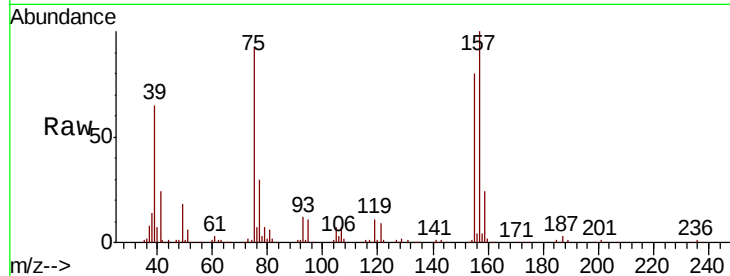
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.088 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW505-0913MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	91.8	48.0	144.2
157	117.8	61.4	184.1

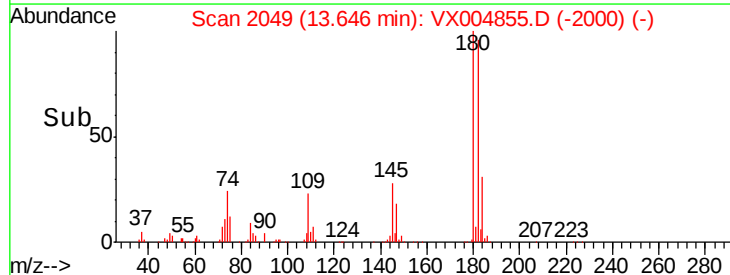
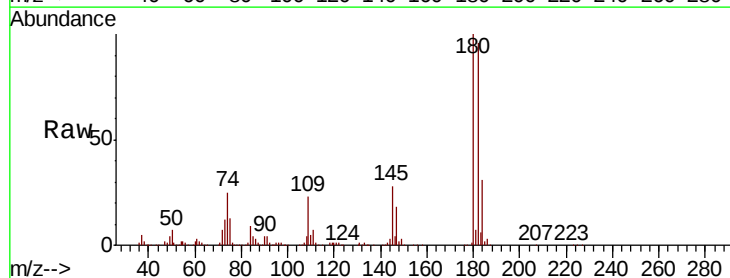
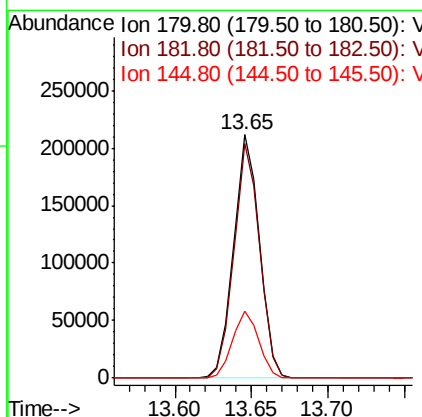
Manual Integrations
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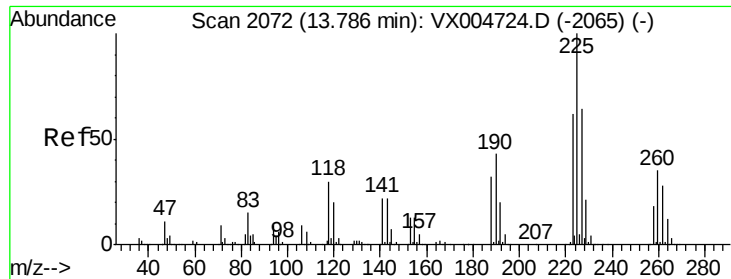
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#93
 1,2,4-Trichlorobenzene
 Concen: 51.170 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.4	145.0
145	28.1	14.3	42.9





#94

Hexachlorobutadiene

Concen: 45.021 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Instrument :

MSVOA_X

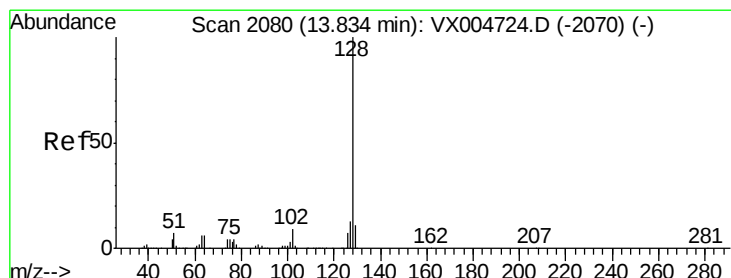
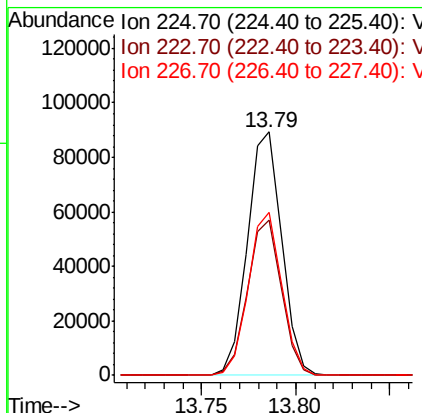
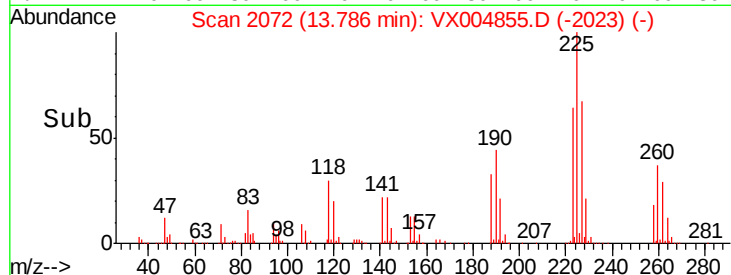
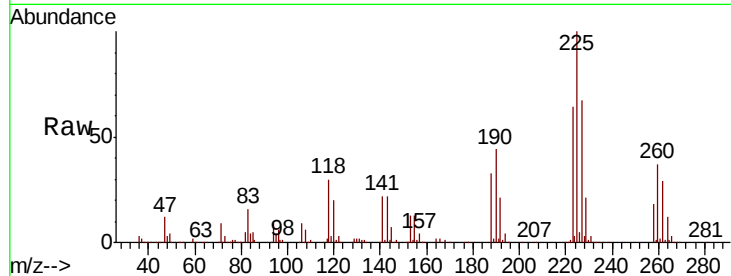
ClientSampleId :

SA-TW505-0913MS

Tot Ion:	225	Resp:	112644
Ion Ratio	Lower	Upper	
225	100		
223	63.2	30.1	90.5
227	65.3	30.8	92.4

Manual Integrations
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#95

Naphthalene

Concen: 51.655 ug/l

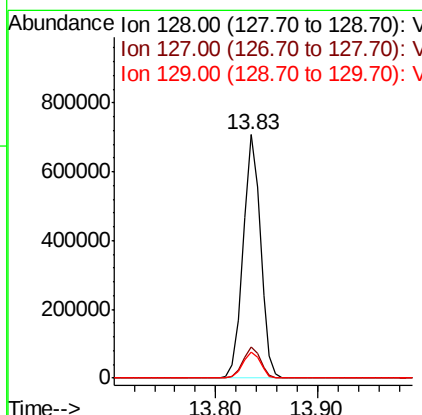
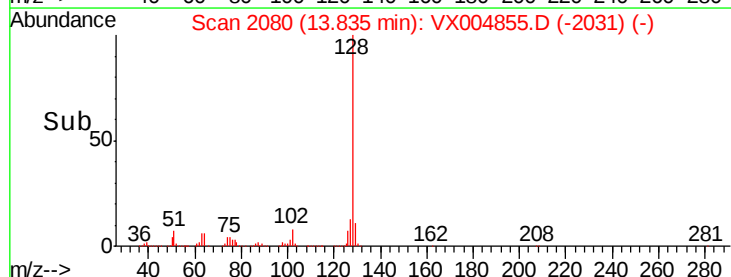
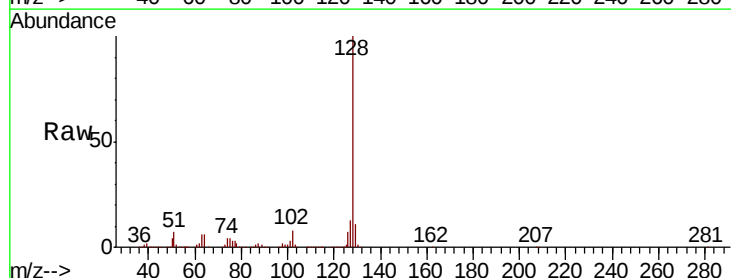
RT: 13.83 min Scan# 2080

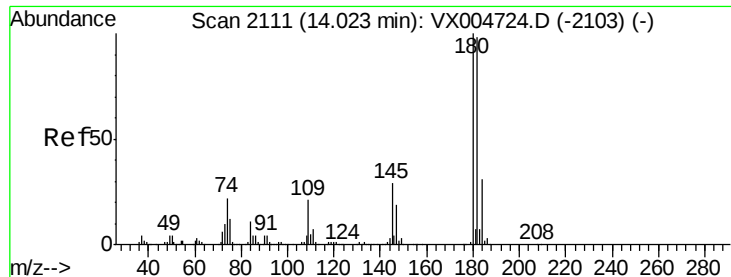
Delta R.T. 0.00 min

Lab File: VX004855.D

Acq: 29 Sep 2018 07:12

Tgt Ion:	128	Resp:	827630
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.2
129	11.0	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 51.943 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. 0.00 min
 Lab File: VX004855.D
 Acq: 29 Sep 2018 07:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW505-0913MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	258899		
182	96.5		48.5	145.6
145	30.0		14.9	44.9

Manual Integrations
 APPROVED

MMDadoda
 10/1/2018 1:31:31 PM

