

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
 Data File : VX003145.D
 Acq On : 03 Jul 2018 13:37
 Operator : JC/MD
 Sample : J3754-12MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142MSD

Manual Integrations
 APPROVED

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 7/5/2018 2:28:57 PM

Quant Time: Jul 04 03:49:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	289421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	409929	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	369736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	228250	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	188635	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
35) Dibromofluoromethane	5.51	113	159822	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
50) Toluene-d8	8.72	98	544130	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
62) 4-Bromofluorobenzene	11.14	95	207050	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	133095	51.515	ug/l	99
3) Chloromethane	1.32	50	141246	52.710	ug/l	99
4) Vinyl Chloride	1.40	62	163296	49.891	ug/l	99
5) Bromomethane	1.64	94	53368	34.063	ug/l	97
6) Chloroethane	1.72	64	99667	51.986	ug/l	100
7) Trichlorofluoromethane	1.93	101	247343	44.800	ug/l	99
8) Diethyl Ether	2.19	74	94751	47.207	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	140222	43.832	ug/l	97
10) Methyl Iodide	2.51	142	137890	43.436	ug/l	98
11) Tert butyl alcohol	3.09	59	215382	270.271	ug/l	99
12) 1,1-Dichloroethene	2.37	96	134928	47.272	ug/l	92
13) Acrolein	2.29	56	56549	130.060	ug/l	96
14) Allyl chloride	2.73	41	234305	41.643	ug/l	95
15) Acrylonitrile	3.15	53	420968	247.314	ug/l	99
16) Acetone	2.45	43	387752	234.055	ug/l	95
17) Carbon Disulfide	2.57	76	367293	48.296	ug/l	98
18) Methyl Acetate	2.78	43	154043	33.257	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	479781	46.756	ug/l	99
20) Methylene Chloride	2.86	84	152219	47.216	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	145991	46.960	ug/l	93
22) Diisopropyl ether	3.88	45	493717	45.905	ug/l	96
23) Vinyl Acetate	3.83	43	1608261	176.593	ug/l	98
24) 1,1-Dichloroethane	3.70	63	273982	46.869	ug/l	100
25) 2-Butanone	4.72	43	648614	263.808	ug/l	97
26) 2,2-Dichloropropane	4.59	77	74540	15.682	ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	177176	50.829	ug/l	88
28) Bromochloromethane	5.03	49	127482	45.561	ug/l	88
29) Tetrahydrofuran	5.18	42	419875	266.304	ug/l	95
30) Chloroform	5.22	83	299344	49.897	ug/l	99
31) Cyclohexane	5.57	56	317751	63.338	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	264514	50.114	ug/l	98
36) 1,1-Dichloropropene	5.80	75	218268	48.553	ug/l	98
37) Ethyl Acetate	4.87	43	191250	39.512	ug/l	98
38) Carbon Tetrachloride	5.78	117	241406	48.935	ug/l	100

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 7/5/2018 2:28:57 PM

Quant Time: Jul 04 03:49:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	312744	59.727	ug/l	96
40) Benzene	6.15	78	8869259	679.033	ug/l	99
41) Methacrylonitrile	5.07	41	140997	50.588	ug/l	96
42) 1,2-Dichloroethane	6.21	62	237686	45.048	ug/l	97
43) Isopropyl Acetate	6.48	43	344687	42.462	ug/l	98
44) Trichloroethene	7.21	130	189245	48.596	ug/l	99
45) 1,2-Dichloropropane	7.53	63	168375	48.596	ug/l	99
46) Dibromomethane	7.67	93	114838	47.759	ug/l	93
47) Bromodichloromethane	7.90	83	214202	48.187	ug/l	98
48) Methyl methacrylate	7.79	41	206396	49.345	ug/l	93
49) 1,4-Dioxane	7.76	88	80289	986.632	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	1262310	248.542	ug/l	97
52) Toluene	8.79	92	405247	48.431	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	214630	42.634	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	200355	41.362	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	169159	49.197	ug/l	97
56) Ethyl methacrylate	9.19	69	255762	50.896	ug/l	93
57) 1,3-Dichloropropane	9.38	76	271276	48.037	ug/l	99
59) 2-Hexanone	9.51	43	988825	256.174	ug/l	96
60) Dibromochloromethane	9.59	129	182770	50.494	ug/l	100
61) 1,2-Dibromoethane	9.68	107	179582	49.793	ug/l	99
64) Tetrachloroethene	9.34	164	189158	46.010	ug/l	99
65) Chlorobenzene	10.14	112	467955	49.829	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	177253	51.957	ug/l	100
67) Ethyl Benzene	10.26	91	925144	59.634	ug/l	100
68) m/p-Xylenes	10.37	106	715699	119.703	ug/l	97
69) o-Xylene	10.70	106	345340	59.319	ug/l	96
70) Styrene	10.71	104	505560	53.443	ug/l	99
71) Bromoform	10.86	173	148561	48.337	ug/l	99
73) Isopropylbenzene	11.02	105	895947	58.349	ug/l	100
74) N-amyl acetate	6.48	43	344687	45.879	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	252010	53.279	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	235690m	57.006	ug/l	
77) Bromobenzene	11.26	156	228371	52.226	ug/l	95
78) n-propylbenzene	11.37	91	911469	52.149	ug/l	98
79) 2-Chlorotoluene	11.43	91	545909	51.590	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	720522	55.713	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	51464	37.049	ug/l	99
82) 4-Chlorotoluene	11.51	91	631125	50.380	ug/l	98
83) tert-Butylbenzene	11.77	119	680384	53.382	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	754950	56.341	ug/l	99
85) sec-Butylbenzene	11.95	105	790743	51.141	ug/l	99
86) p-Isopropyltoluene	12.07	119	712981	51.289	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	404257	50.618	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	408346	49.685	ug/l	99
89) n-Butylbenzene	12.39	91	577793	47.754	ug/l	99
90) Hexachloroethane	12.60	117	114948	55.593	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	410333	50.905	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	59729	56.173	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	297033	50.633	ug/l	99

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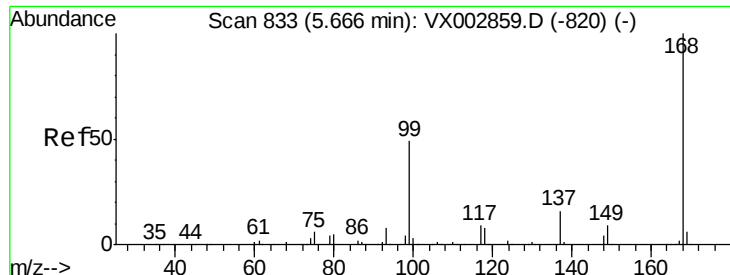
Manual Integrations
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Quant Time: Jul 04 03:49:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	137744	47.078	ug/l	99
95) Naphthalene	13.84	128	886674	56.748	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	310024	52.910	ug/l	100

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



#1

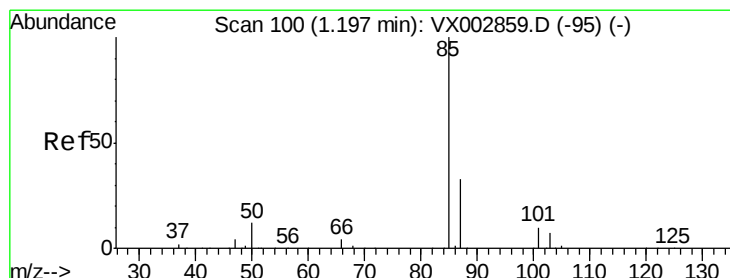
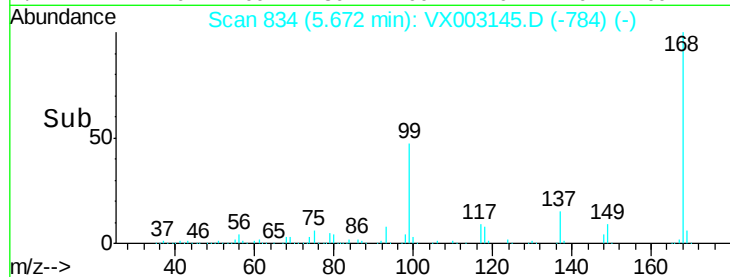
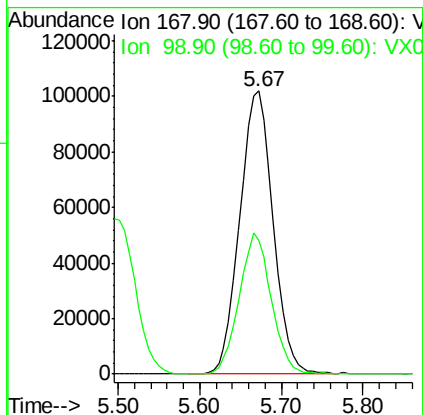
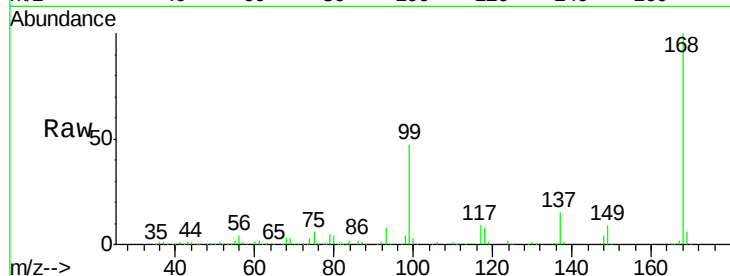
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142MSD

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.0	39.3	58.9

Manual Integrations
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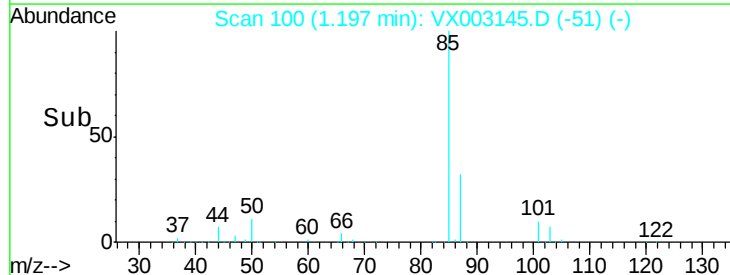
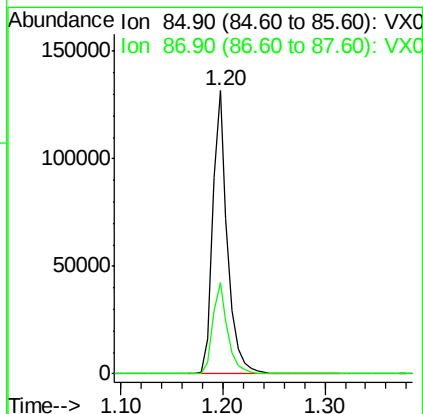
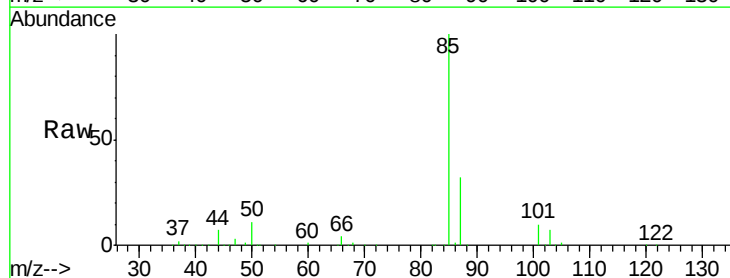
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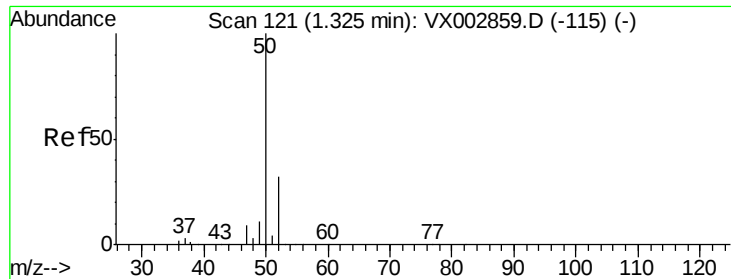


#2

Dichlorodifluoromethane
 Concen: 51.515 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.0	47.9





#3

Chloromethane

Concen: 52.710 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

ClientSampled :

S10-0142MSD

Tot Ion: 50 Resp: 141246

Ion Ratio Lower Upper

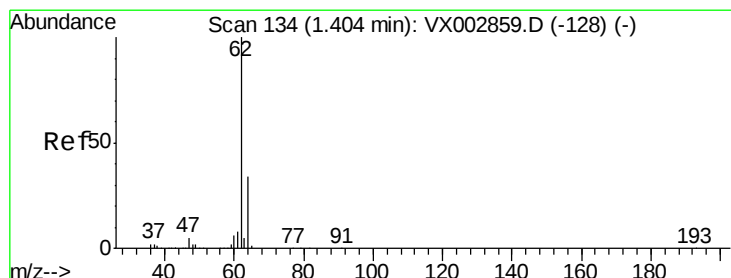
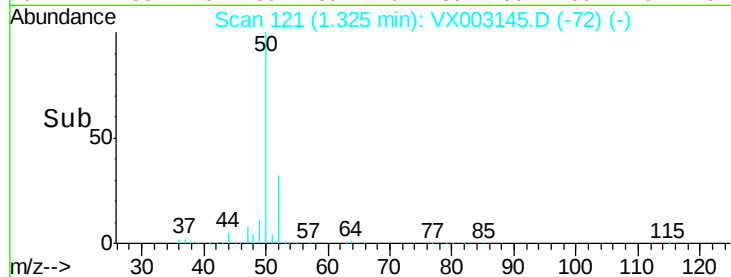
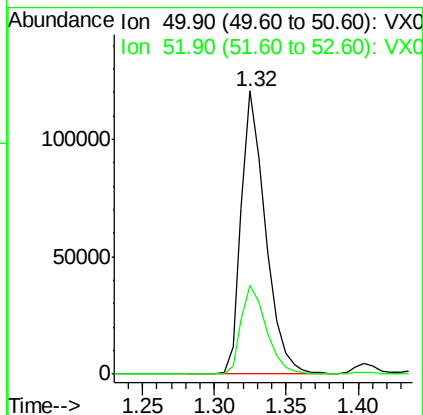
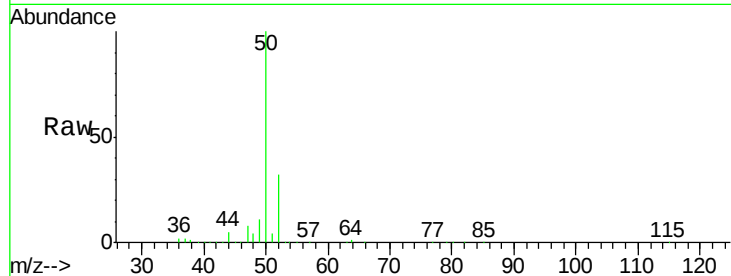
50 100

52 31.6 25.7 38.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 49.891 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003145.D

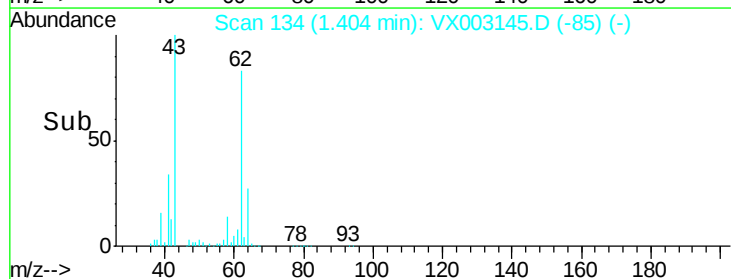
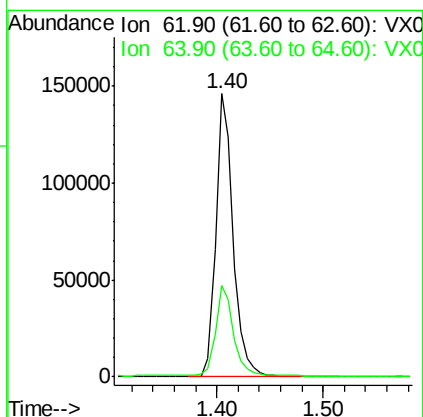
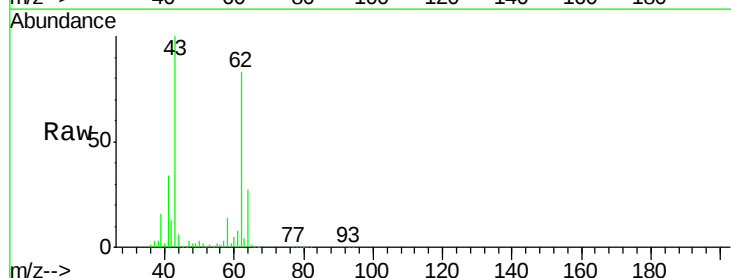
Acq: 03 Jul 2018 13:37

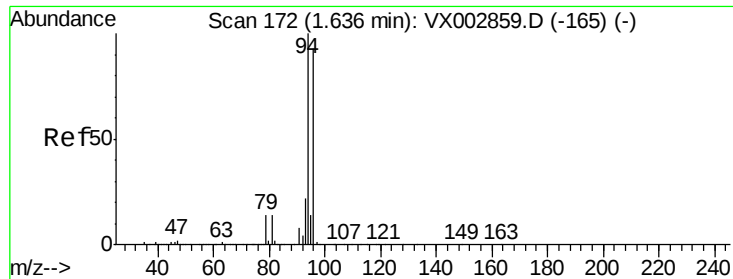
Tgt Ion: 62 Resp: 163296

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.2





#5

Bromomethane

Concen: 34.063 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

ClientSampleId :

S10-0142MSD

Tot Ion: 94 Resp: 53368

Ion Ratio Lower Upper

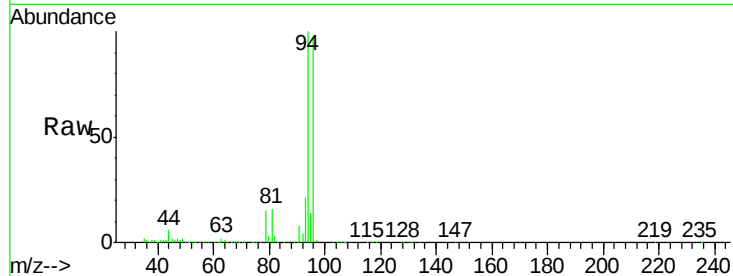
94 100

96 96.7 74.9 112.3

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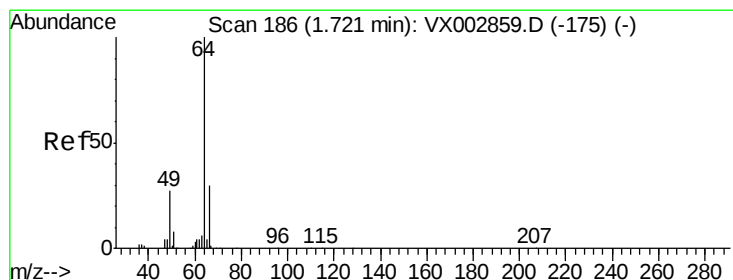
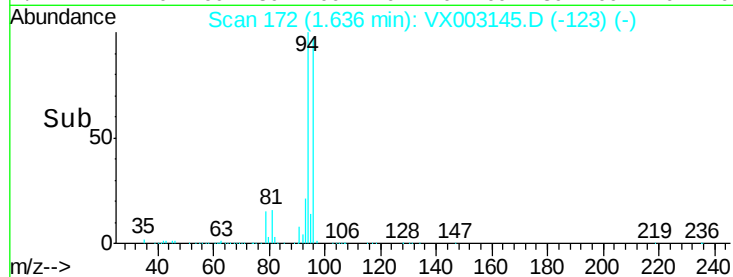
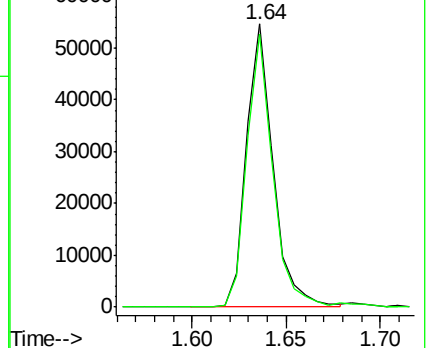
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.986 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003145.D

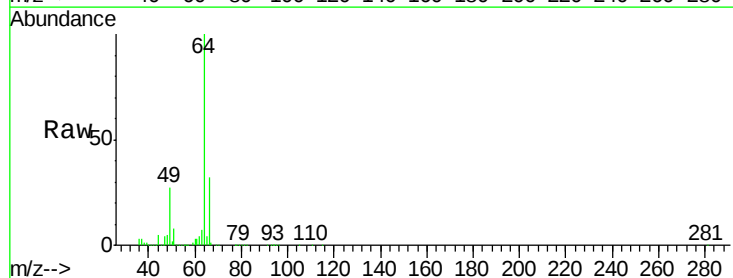
Acq: 03 Jul 2018 13:37

Tgt Ion: 64 Resp: 99667

Ion Ratio Lower Upper

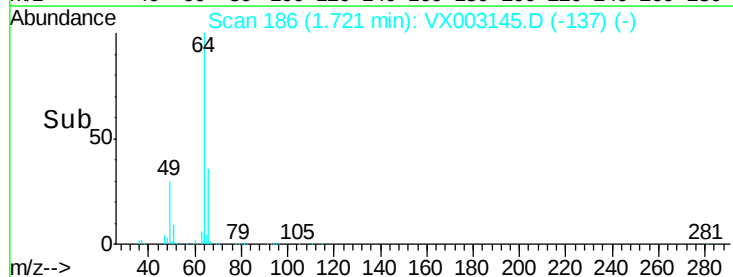
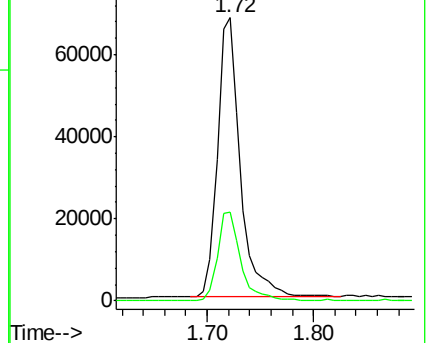
64 100

66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

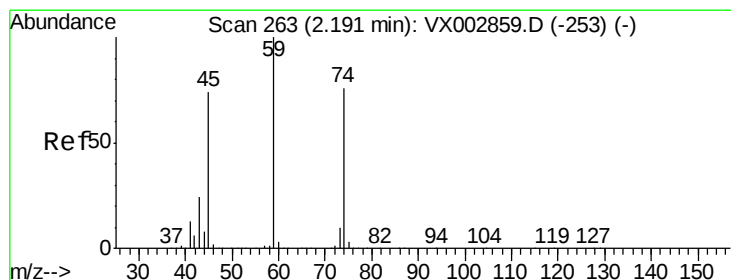
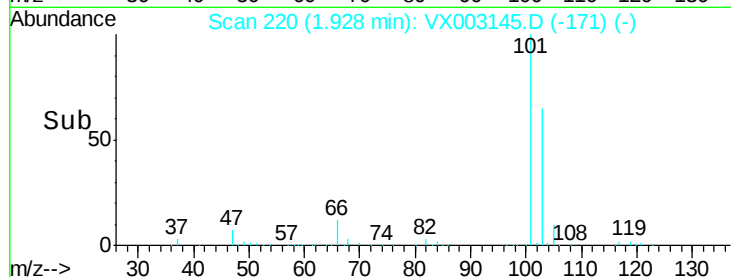
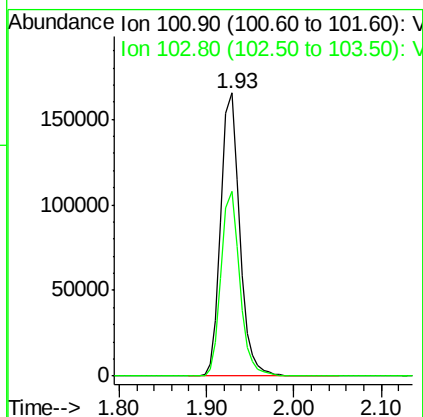
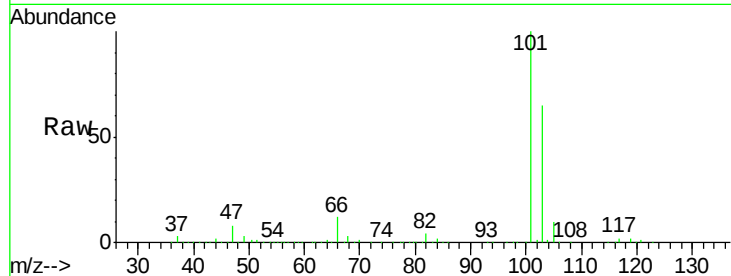
Trichlorofluoromethane
Concen: 44.800 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Instrument :
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ClientSampleId :
S10-0142MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.8	79.2

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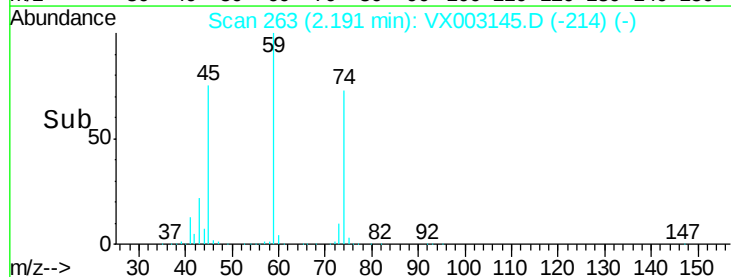
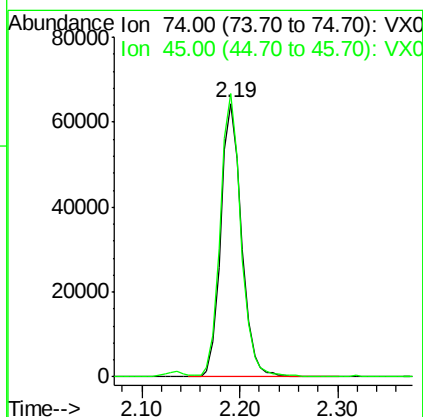
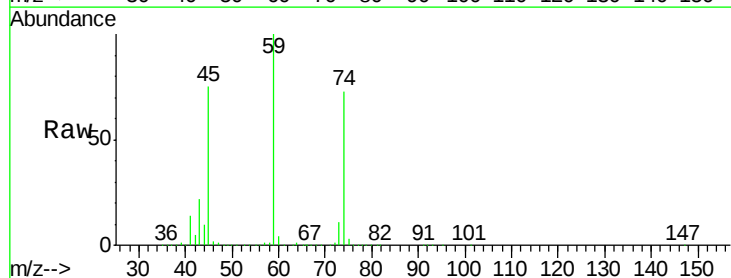
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#8

Diethyl Ether
Concen: 47.207 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.6	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.832 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

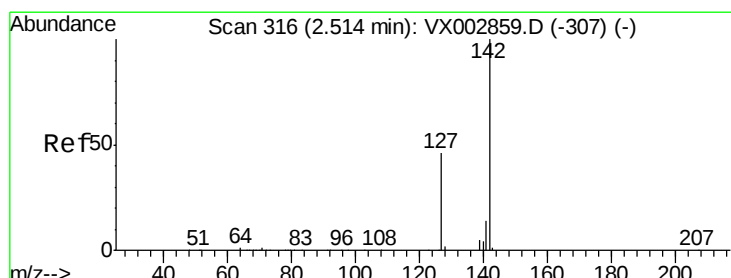
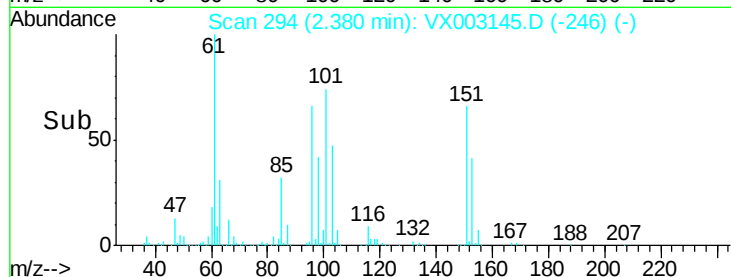
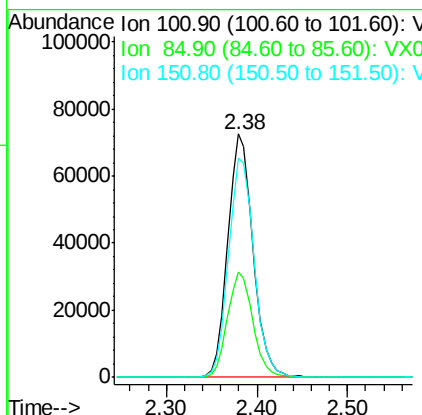
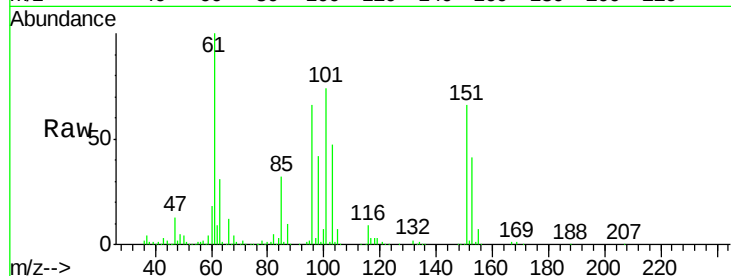
ClientSampleId :

S10-0142MSD

Tot Ion:	101	Resp:	140222
Ion Ratio	Lower	Upper	
101	100		
85	43.4	36.0	54.0
151	91.5	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 43.436 ug/l

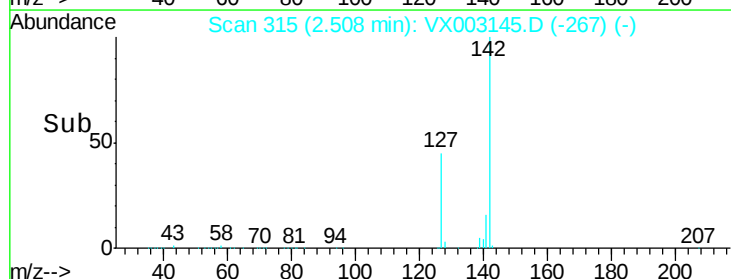
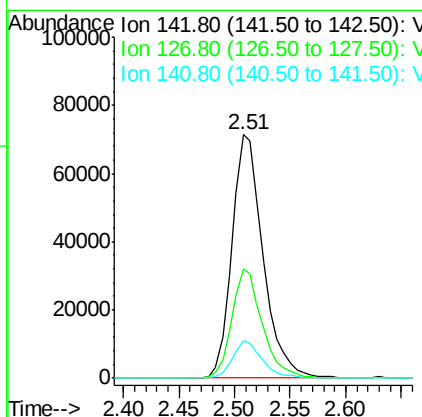
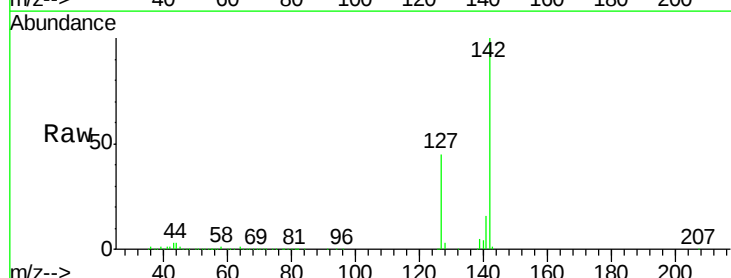
RT: 2.51 min Scan# 315

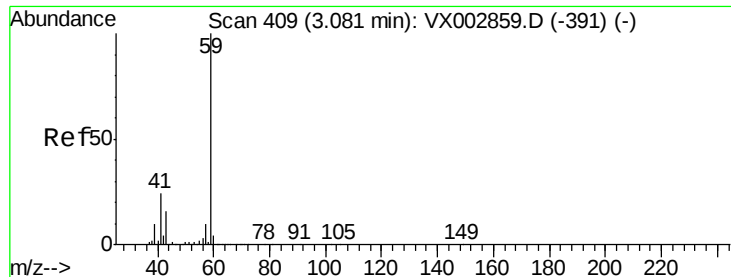
Delta R.T. -0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Tgt Ion:	142	Resp:	137890
Ion Ratio	Lower	Upper	
142	100		
127	43.9	36.6	55.0
141	14.7	11.3	16.9





#11

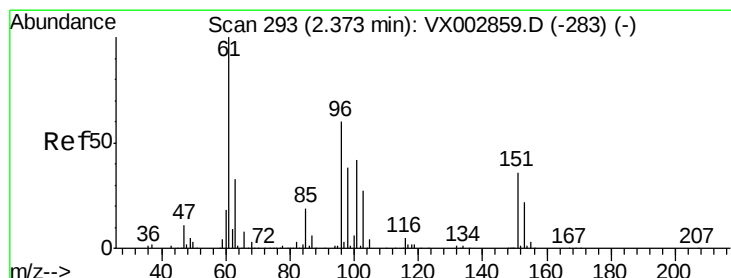
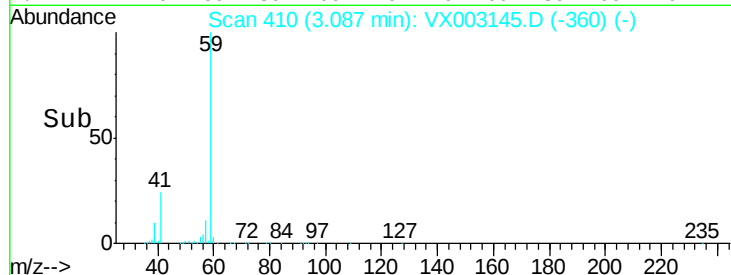
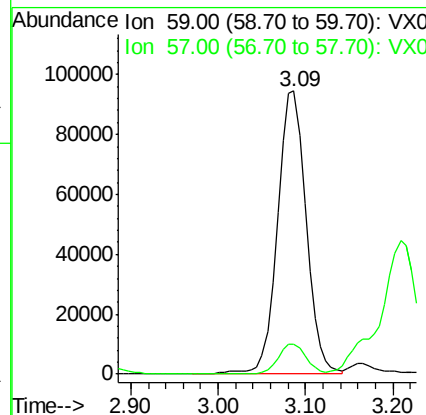
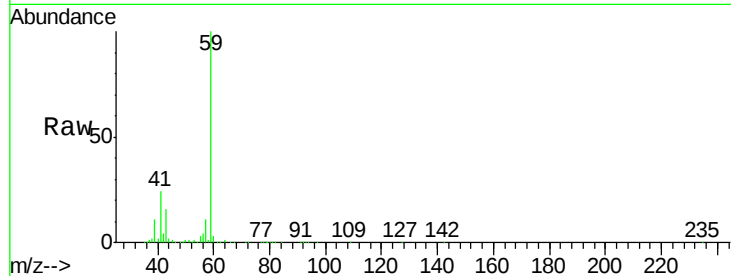
Tert butyl alcohol
 Concen: 270.271 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Instrument :
 MSVOA_X
 ClientSampled :
 S10-0142MSD

Tot Ion	59	Resp	215382
Ion Ratio	100	Lower	Upper
57	10.5	8.2	12.2

Manual Integrations
 APPROVED

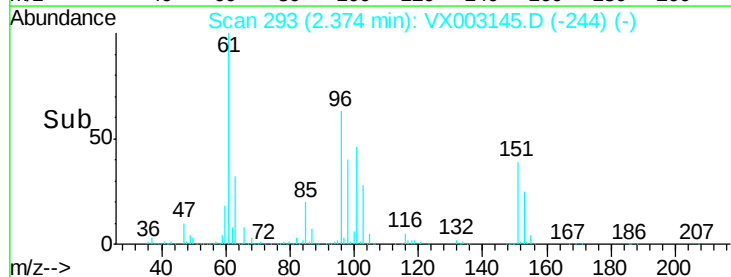
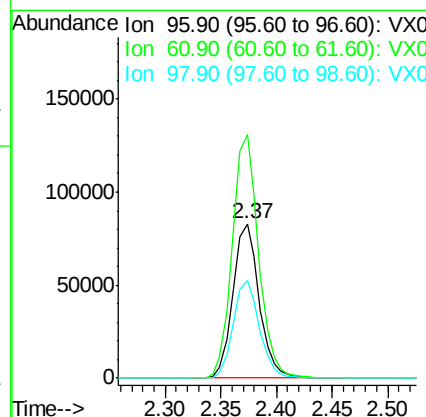
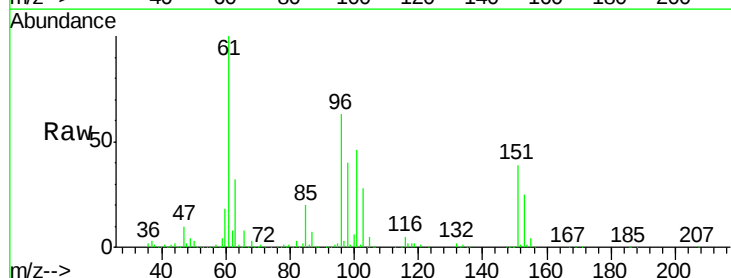
sam
 7/5/2018 2:28:57 PM



#12

1,1-Dichloroethene
 Concen: 47.272 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Tgt Ion	96	Resp	134928
Ion Ratio	100	Lower	Upper
61	157.8	137.9	206.9
98	63.3	51.6	77.4





#13

Acrolein

Concen: 130.060 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

ClientSampleId :

S10-0142MSD

Tot Ion: 56 Resp: 56549

Ion Ratio Lower Upper

56 100

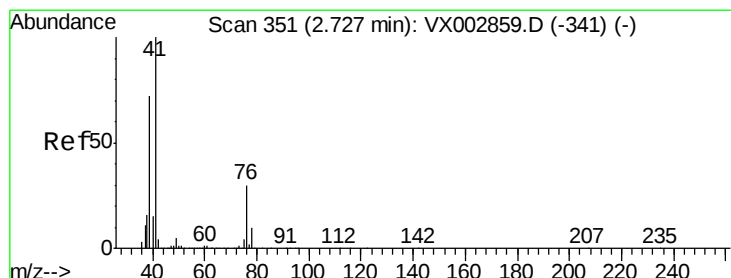
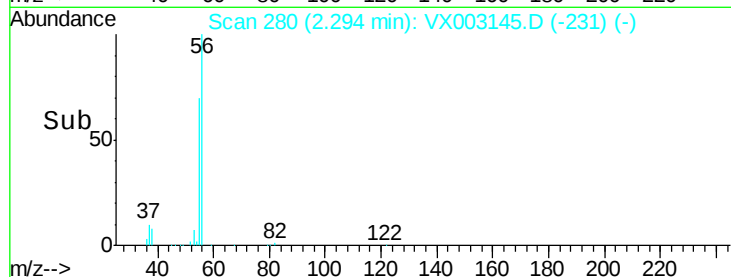
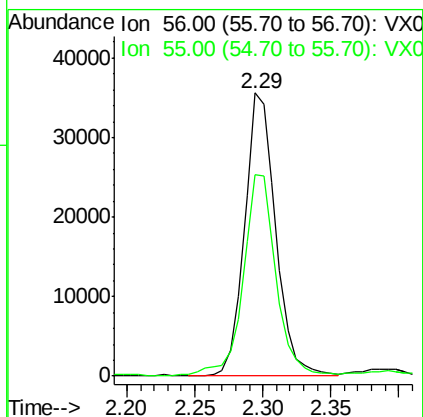
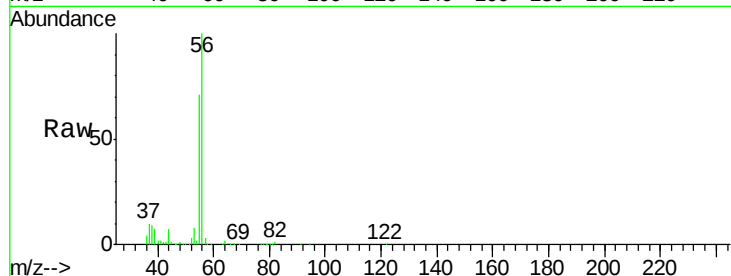
55 74.7 57.0 85.4

Manual Integrations

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sam

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#14

Allyl chloride

Concen: 41.643 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

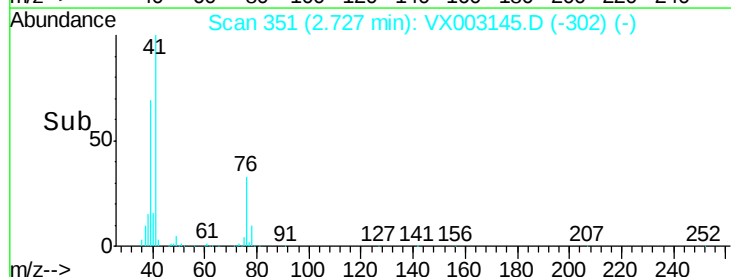
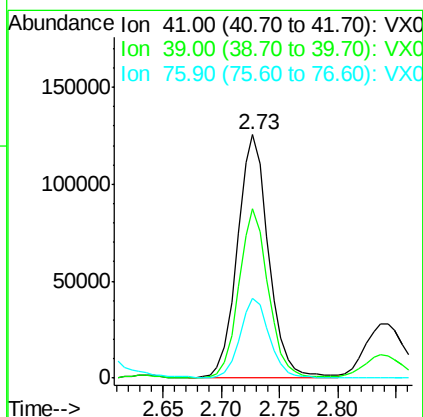
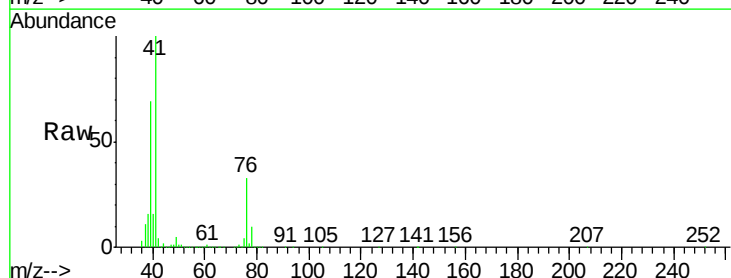
Tgt Ion: 41 Resp: 234305

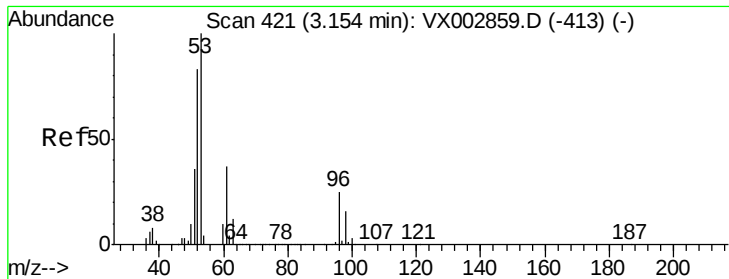
Ion Ratio Lower Upper

41 100

39 65.6 56.8 85.2

76 30.7 23.8 35.8





#15

Acrylonitrile

Concen: 247.314 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

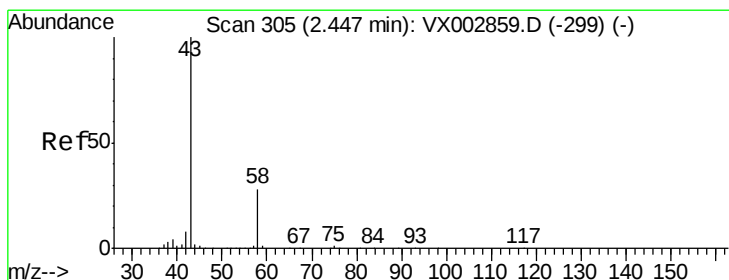
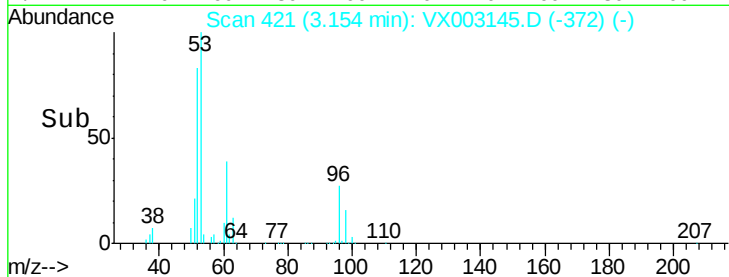
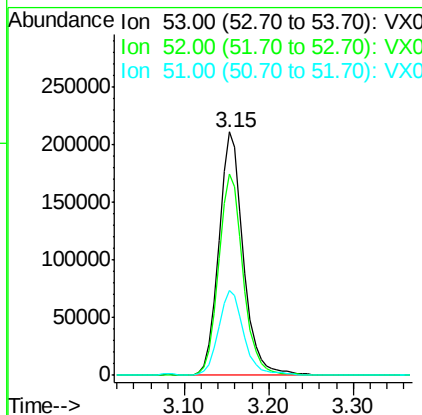
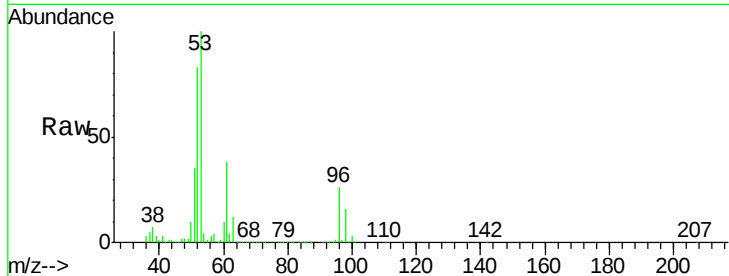
ClientSampled :

S10-0142MSD

Tot Ion:	53	Resp:	420968
Ion Ratio		Lower	Upper
53	100		
52	83.1	66.7	100.1
51	36.1	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 234.055 ug/l

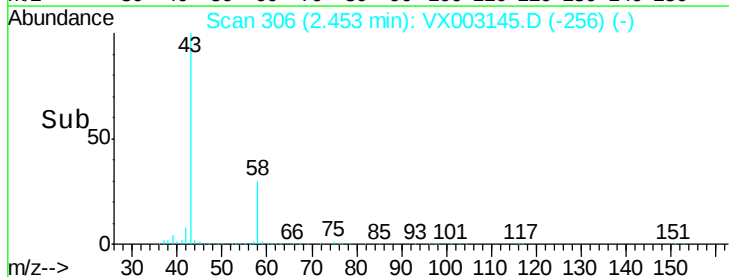
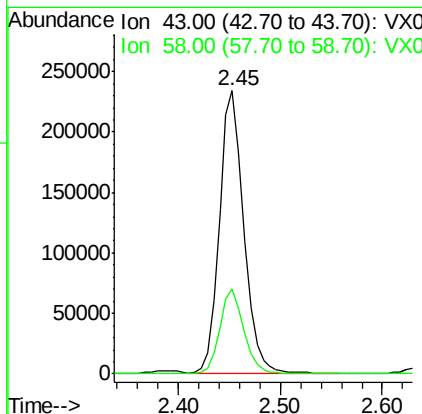
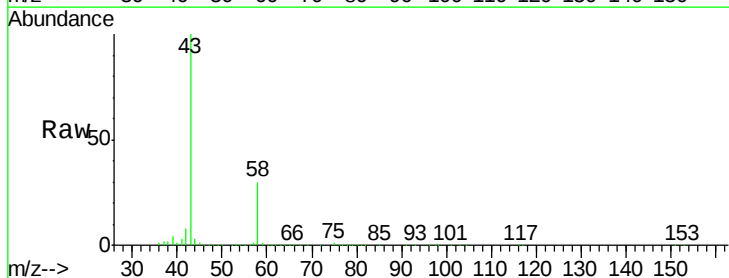
RT: 2.45 min Scan# 306

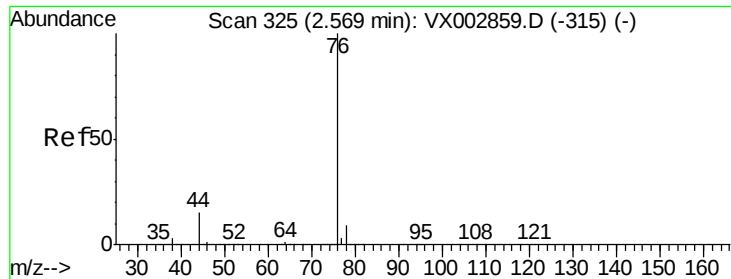
Delta R.T. 0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Tgt Ion:	43	Resp:	387752
Ion Ratio		Lower	Upper
43	100		
58	30.1	22.1	33.1





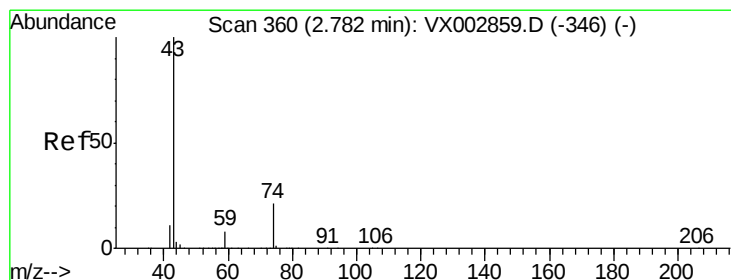
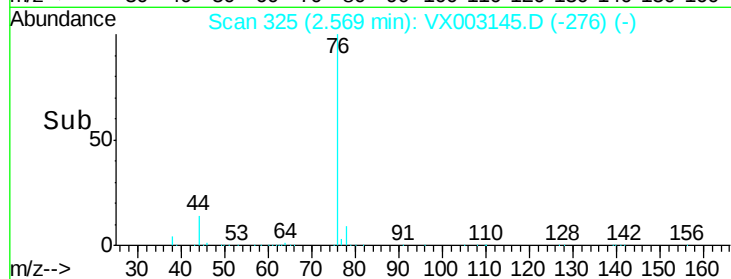
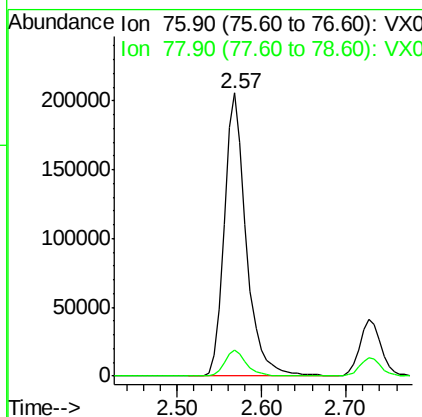
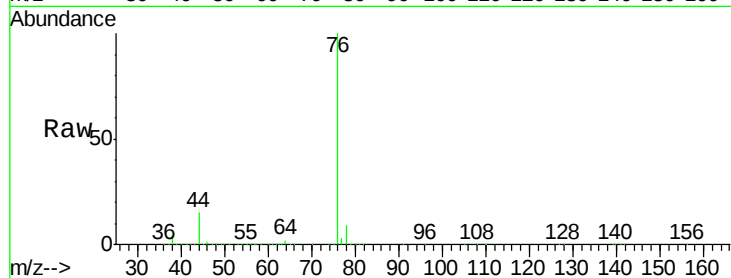
#17
Carbon Disulfide
Concen: 48.296 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Instrument :
MSVOA_X
ClientSampled :
S10-0142MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.9	10.3

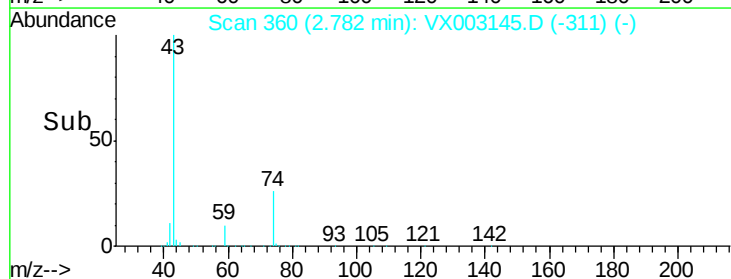
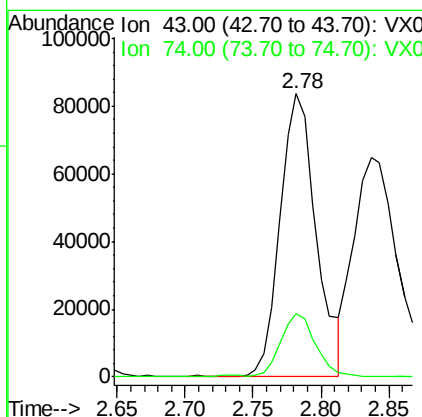
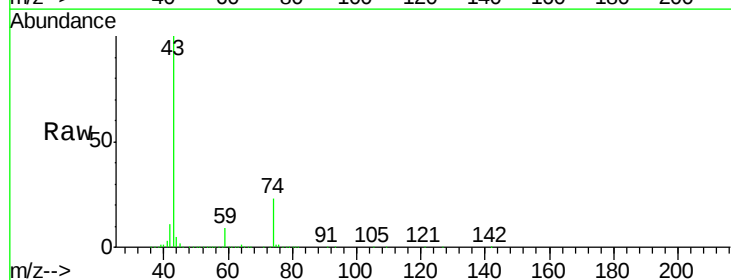
Manual Integrations
APPROVED

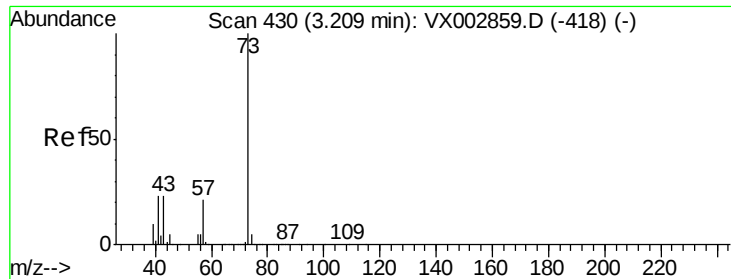
sam
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#18
Methyl Acetate
Concen: 33.257 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	16.7	25.1





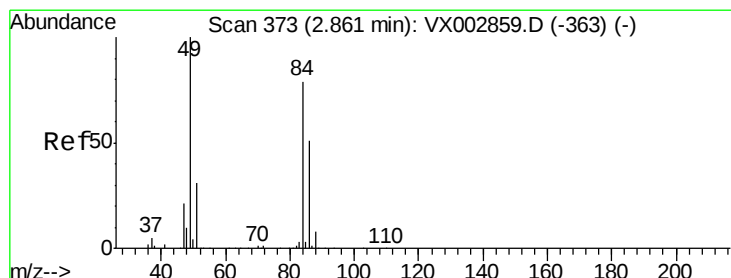
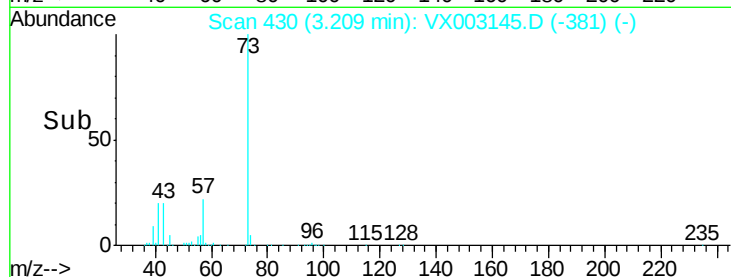
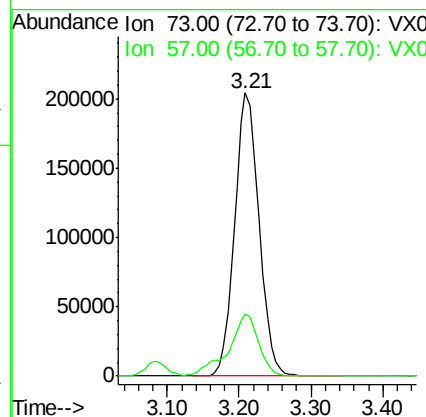
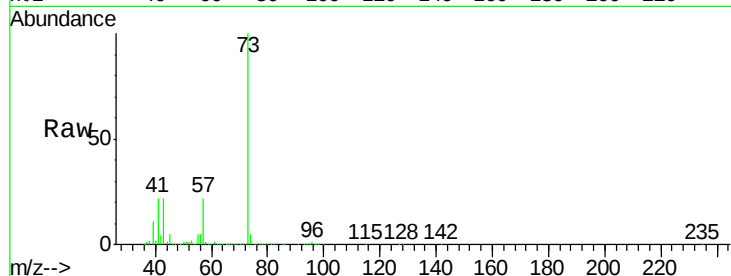
#19
Methvl tert-butvl Ether
Concen: 46.756 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Instrument :
MSVOA_X
ClientSampleId :
S10-0142MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.7	26.5

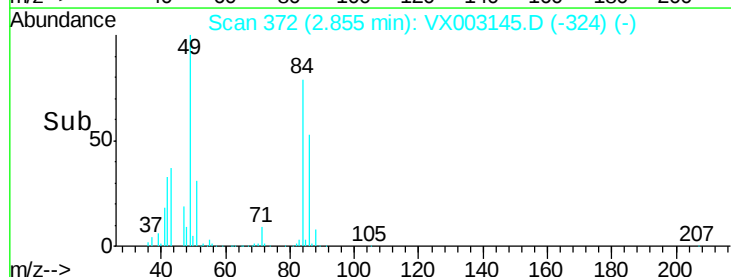
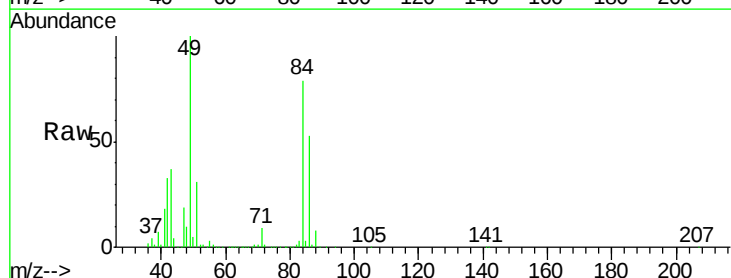
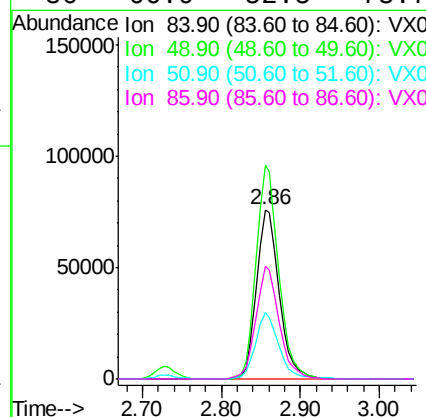
Manual Integrations
APPROVED

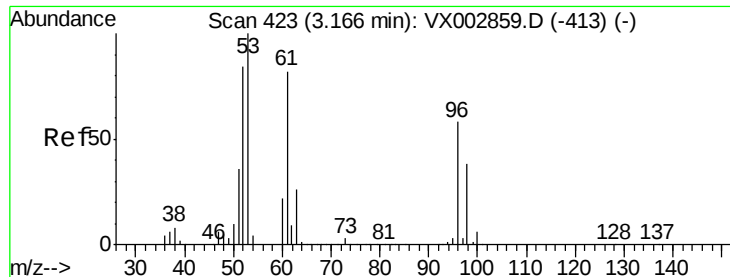
sam
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#20
Methylene Chloride
Concen: 47.216 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.2	107.8	161.6
51	39.4	32.8	49.2
86	66.9	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 46.960 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

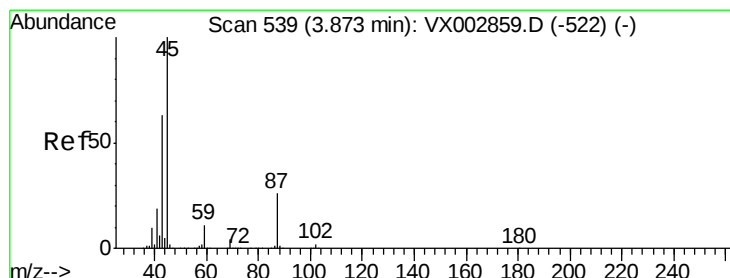
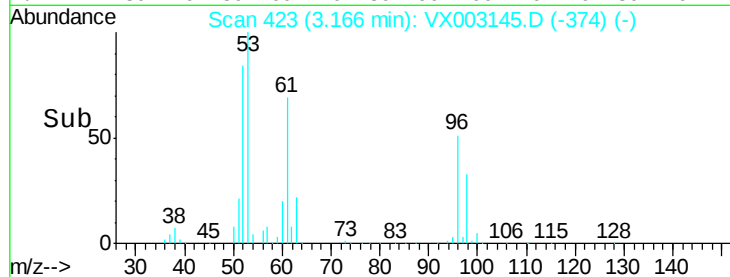
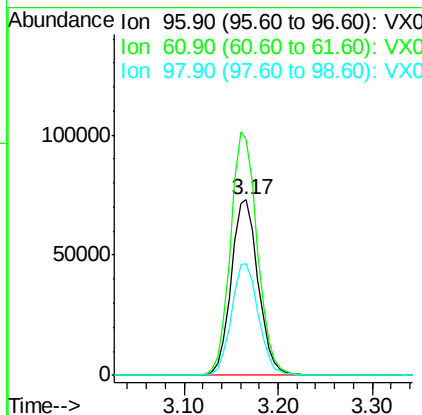
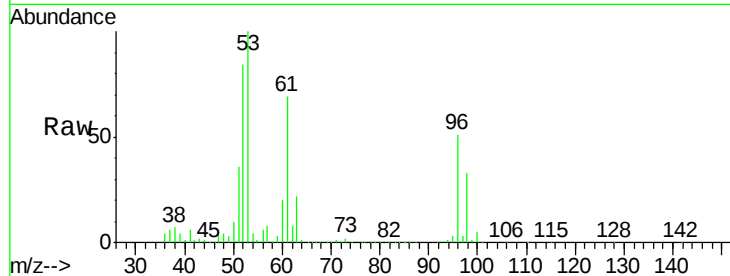
ClientSampled :

S10-0142MSD

Tot Ion:	96	Resp:	145991
Ion	Ratio	Lower	Upper
96	100		
61	134.3	117.0	175.4
98	63.9	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 45.905 ug/l

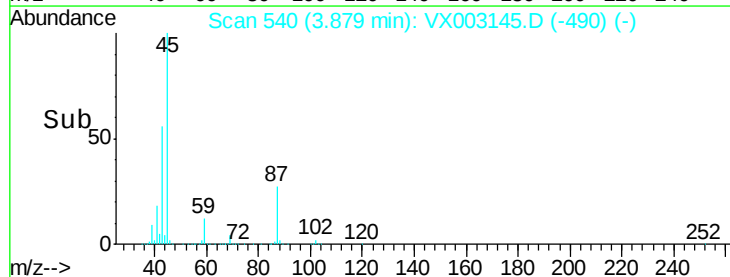
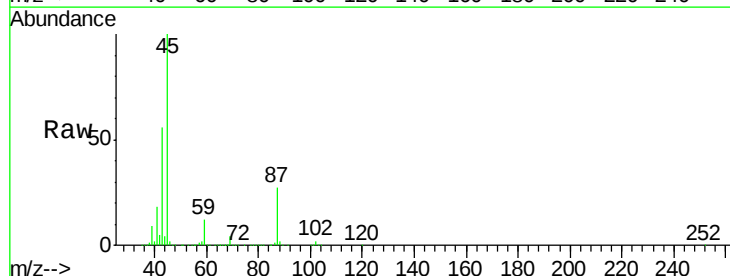
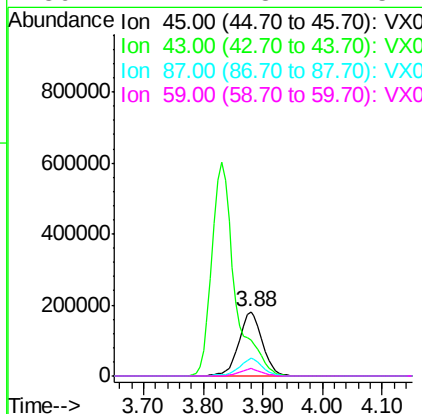
RT: 3.88 min Scan# 540

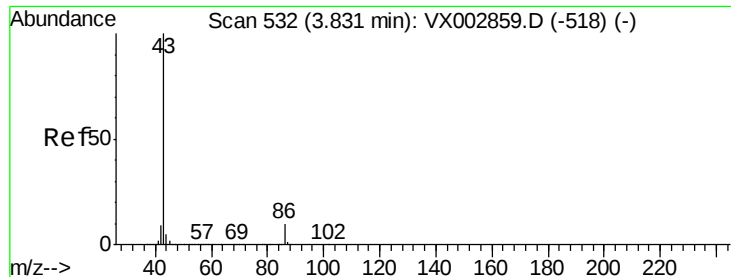
Delta R.T. 0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Tgt Ion:	45	Resp:	493717
Ion	Ratio	Lower	Upper
45	100		
43	55.5	46.8	70.2
87	26.9	20.2	30.4
59	11.7	8.7	13.1





#23

Vinyl Acetate

Concen: 176.593 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

ClientSampled :

S10-0142MSD

Tot Ion: 43 Resp: 1608261

Ion Ratio Lower Upper

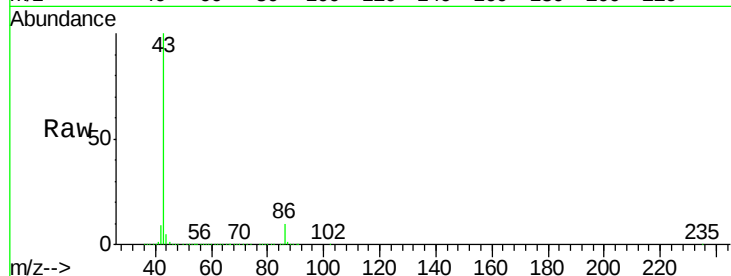
43 100

86 9.8 7.4 11.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

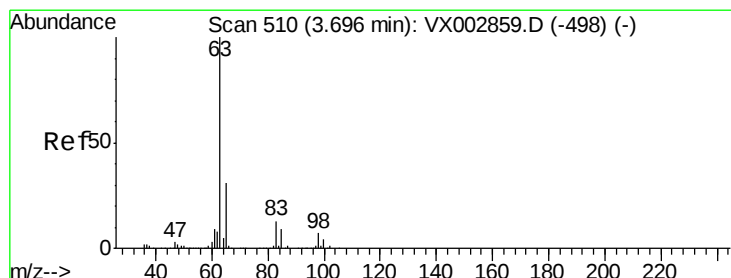
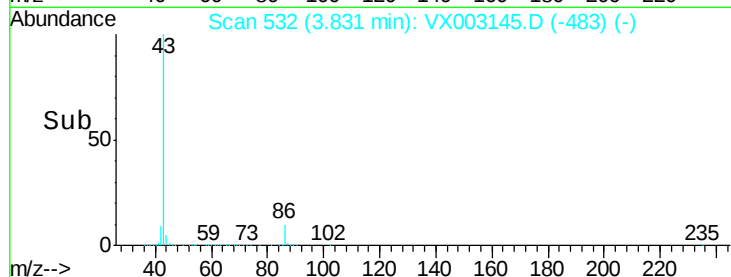
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.869 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

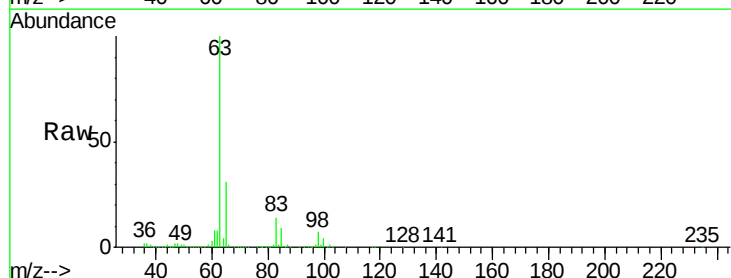
Tgt Ion: 63 Resp: 273982

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.2 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

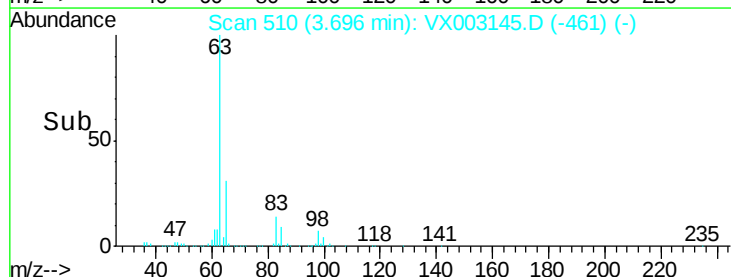
150000

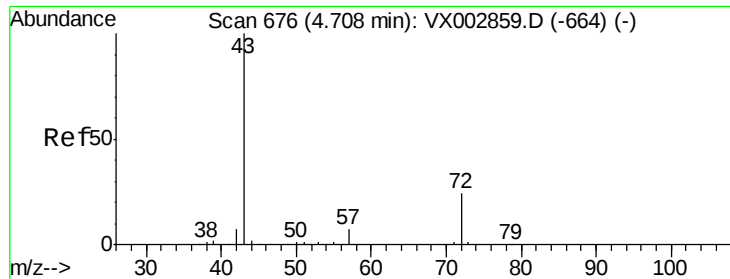
100000

50000

0

Time-->





#25

2-Butanone

Concen: 263.808 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

ClientSampleId :

S10-0142MSD

Tot Ion: 43 Resp: 648614

Ion Ratio Lower Upper

43 100

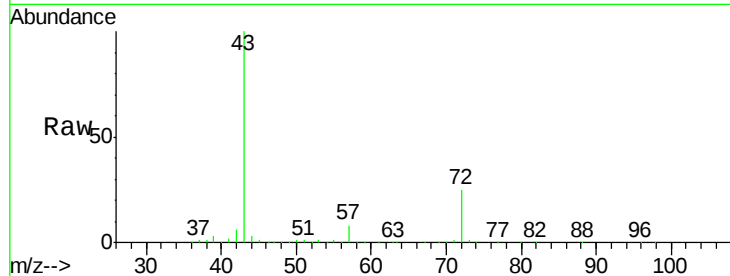
72 24.7 18.5 27.7

Manual Integrations

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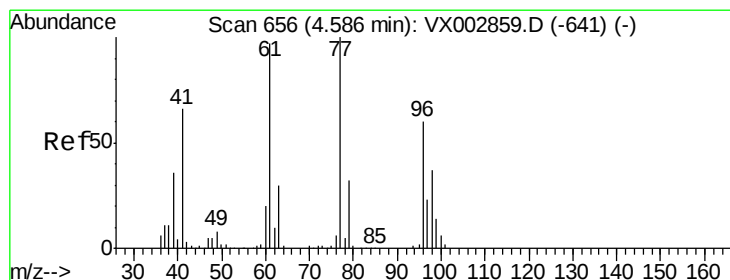
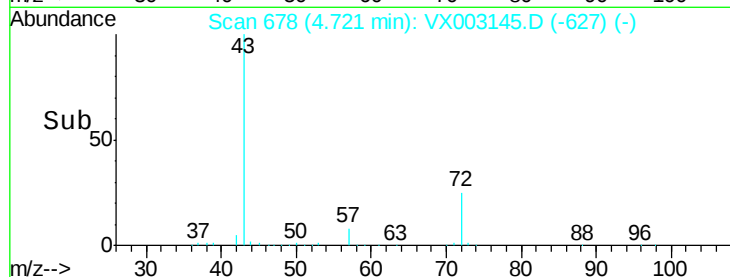
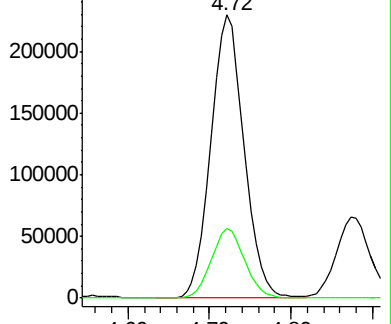
sam

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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: 15.682 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003145.D

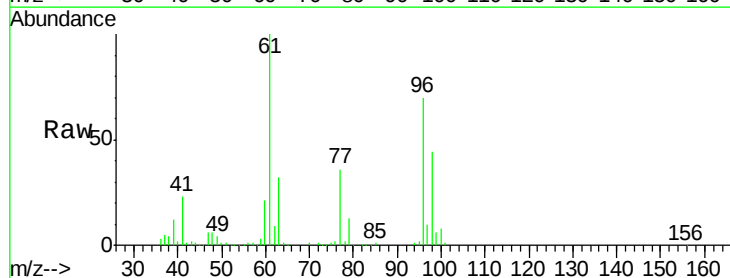
Acq: 03 Jul 2018 13:37

Tgt Ion: 77 Resp: 74540

Ion Ratio Lower Upper

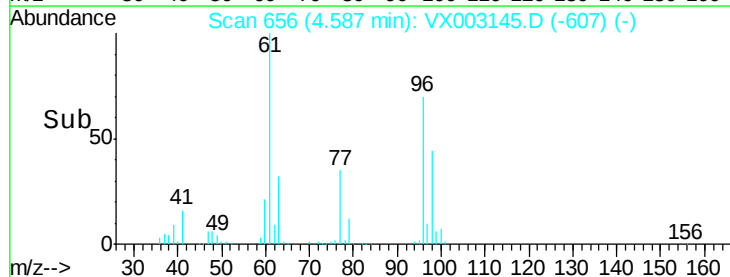
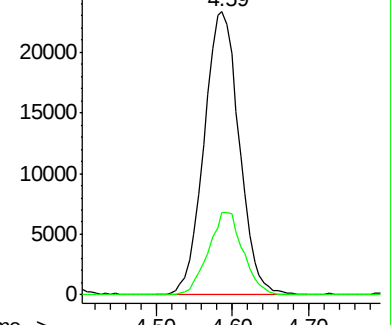
77 100

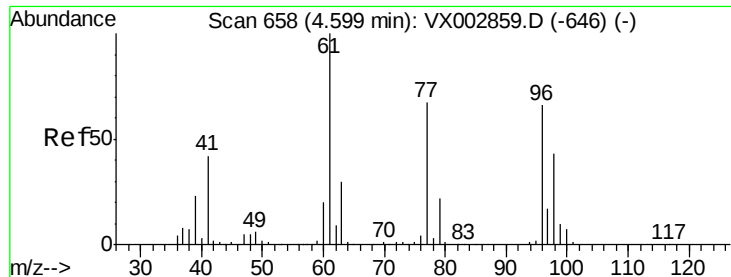
97 28.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

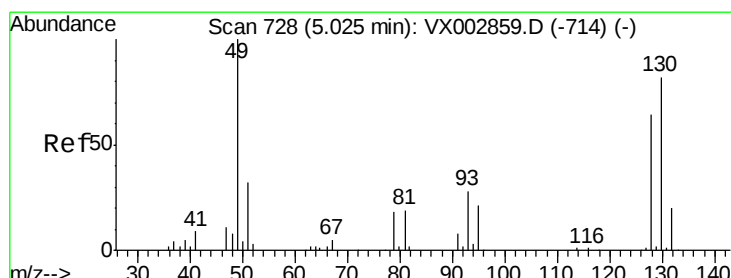
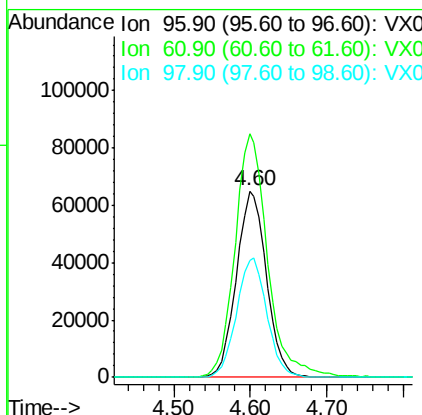
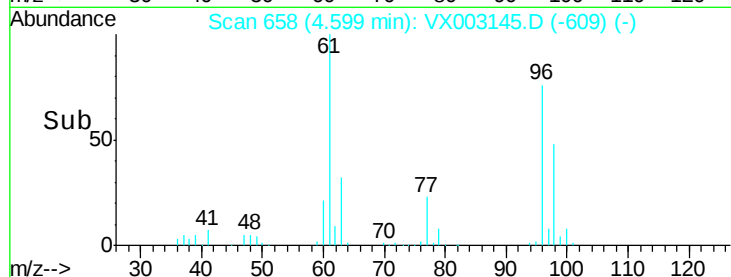
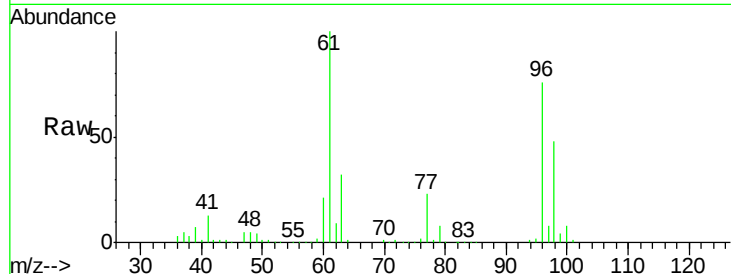
cis-1,2-Dichloroethene
 Concen: 50.829 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	330.2
98	64.6	0.0	130.2

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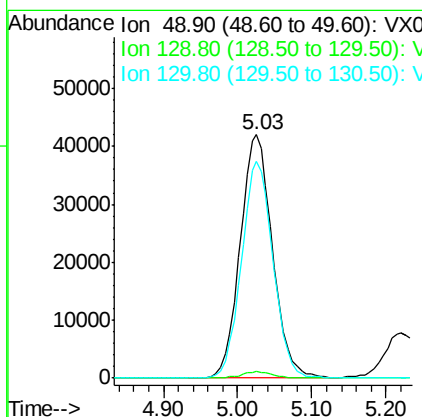
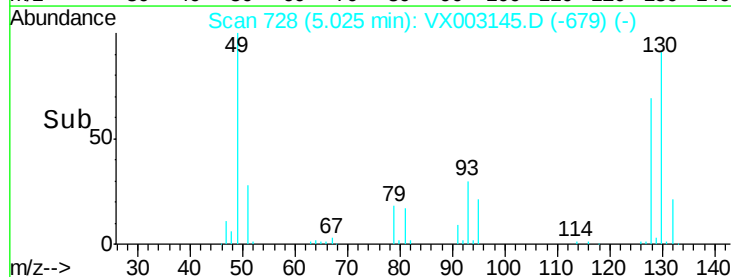
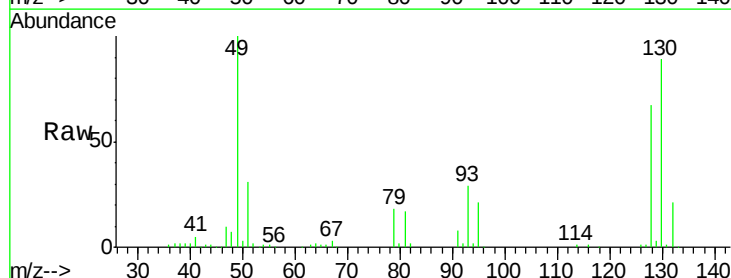
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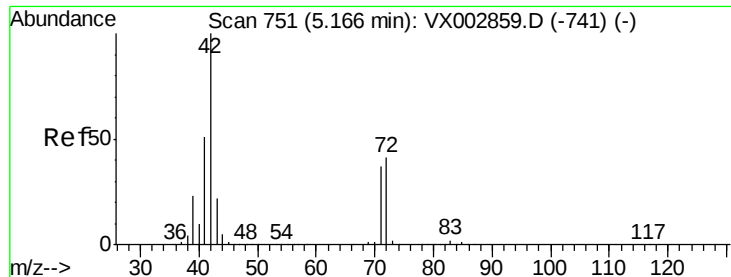


#28

Bromochloromethane
 Concen: 45.561 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	87.2	61.2	91.8





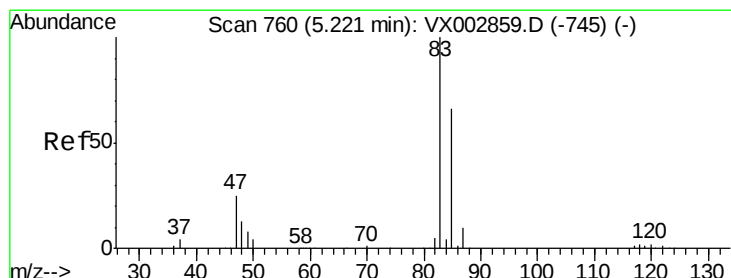
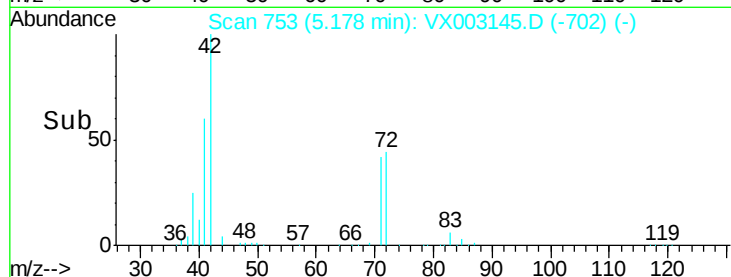
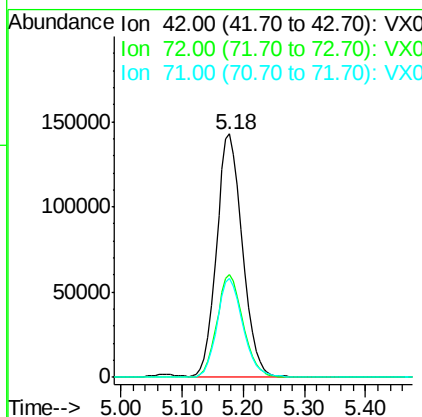
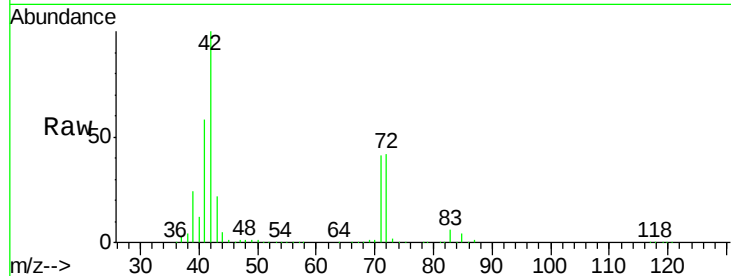
#29
Tetrahydrofuran
Concen: 266.304 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Instrument :
MSVOA_X
ClientSampleId :
S10-0142MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	32.0	48.0
71	40.8	30.1	45.1

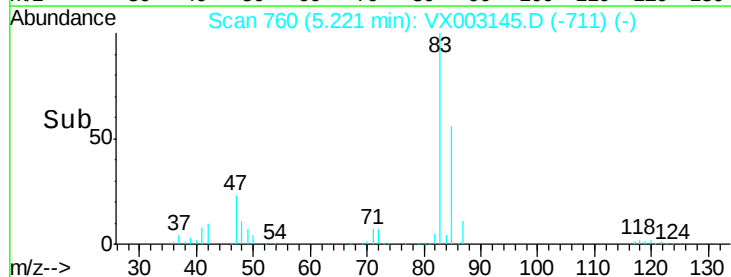
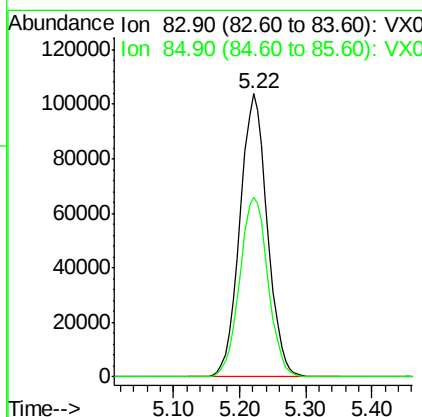
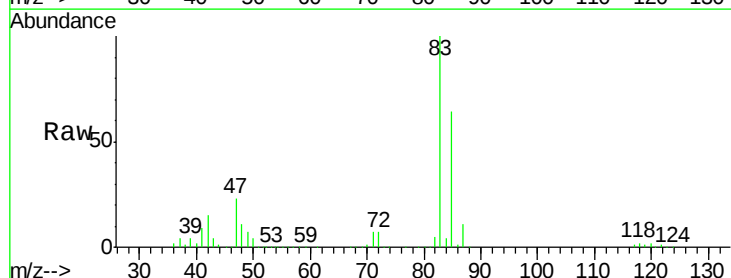
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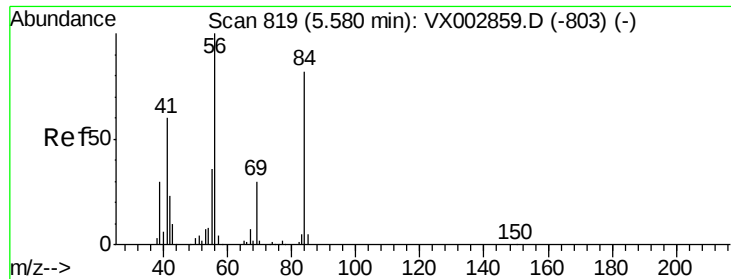
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#30
Chloroform
Concen: 49.897 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.4	75.6





#31

Cyclohexane

Concen: 63.338 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

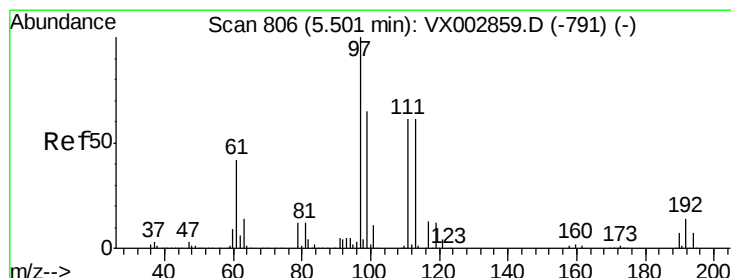
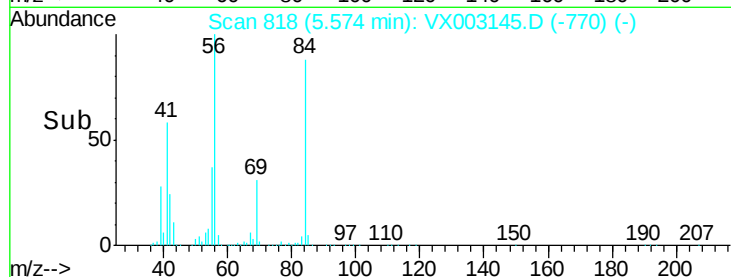
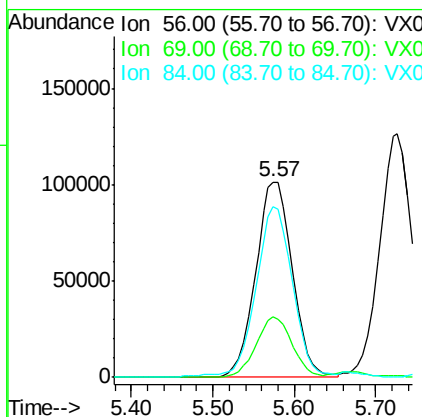
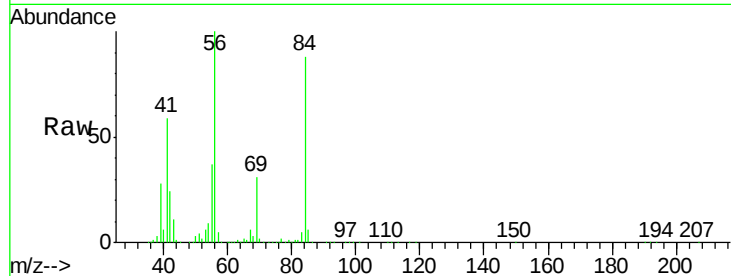
ClientSampleId :

S10-0142MSD

Tot Ion:	56	Resp:	317751
Ion	Ratio	Lower	Upper
56	100		
69	31.3	23.7	35.5
84	87.0	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 50.114 ug/l

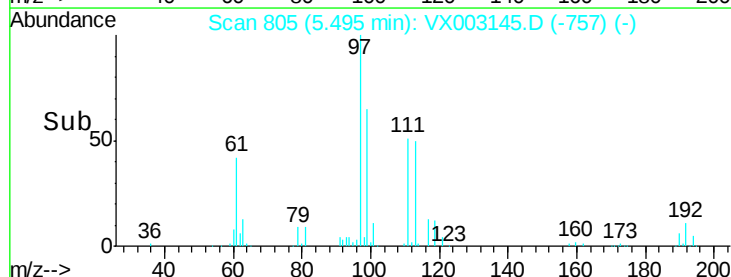
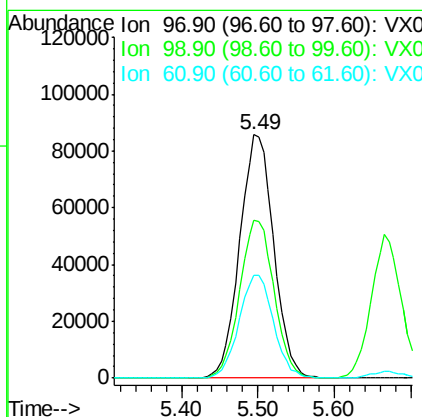
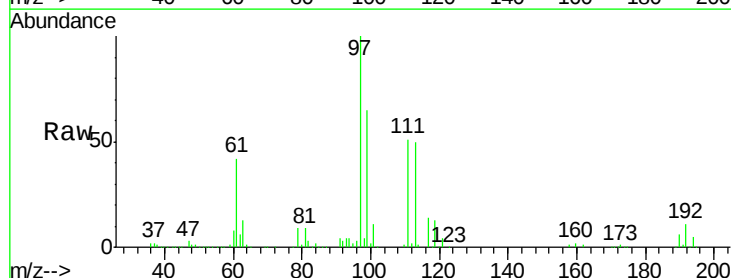
RT: 5.49 min Scan# 805

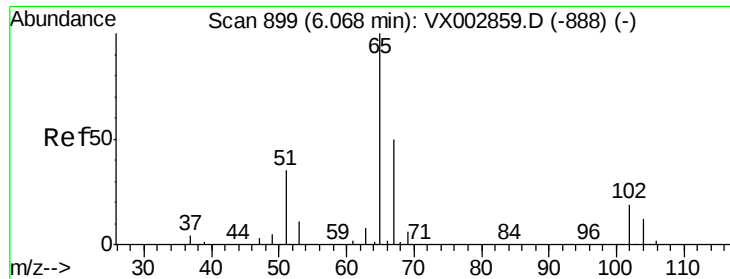
Delta R.T. -0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Tgt Ion:	97	Resp:	264514
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.6	77.4
61	42.9	36.4	54.6





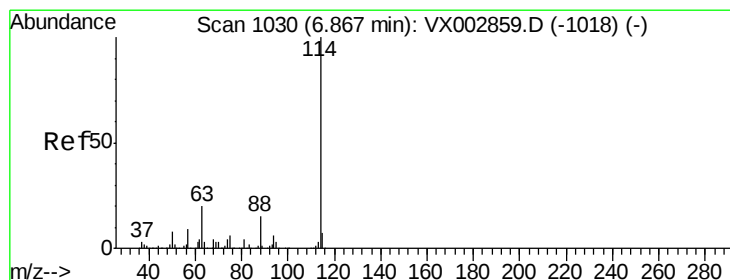
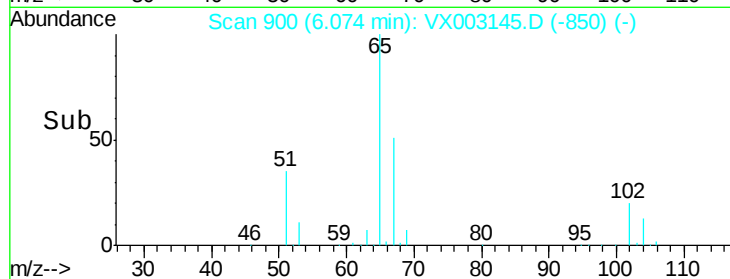
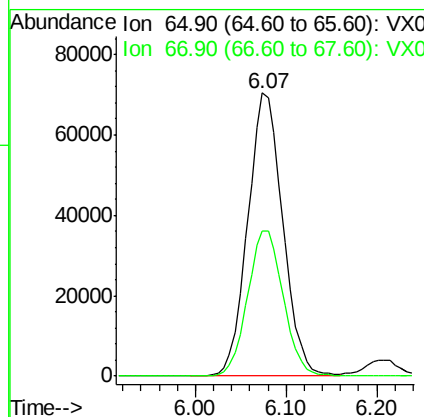
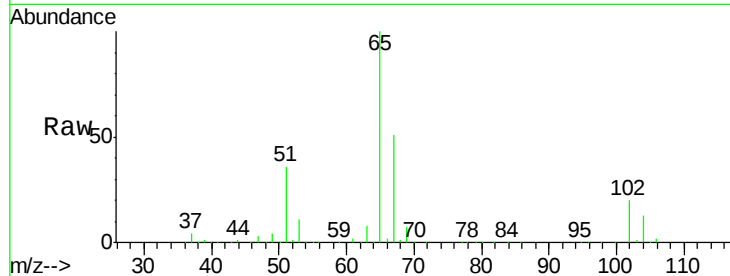
#33
 1,2-Dichloroethane-d4
 Concen: 47.154 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	188635		
67	52.2	0.0	102.6	

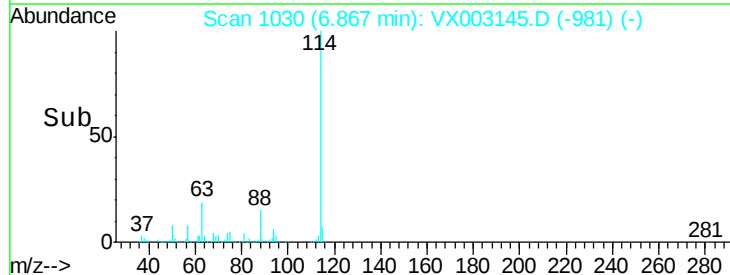
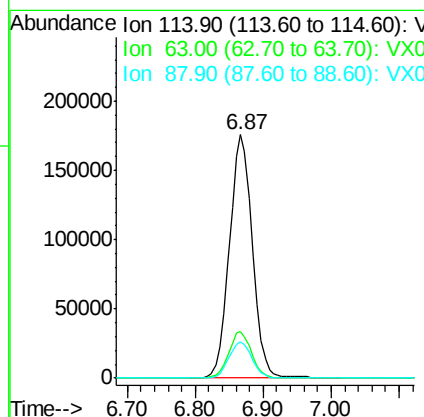
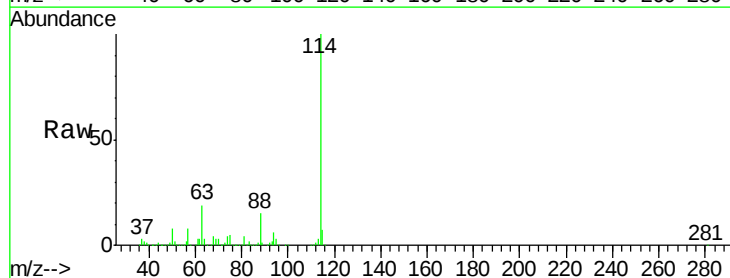
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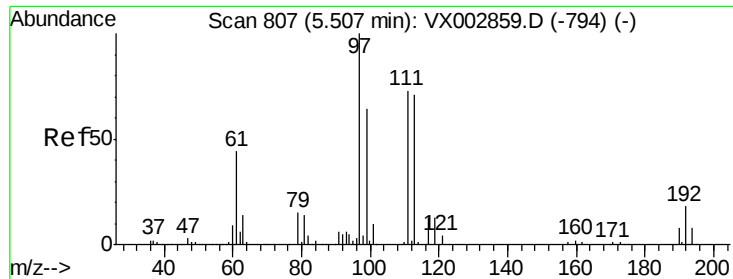
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	409929		
63	19.3	0.0	41.4	
88	15.0	0.0	30.0	





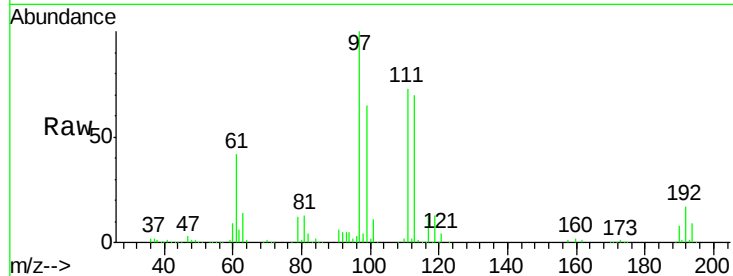
#35
Dibromofluoromethane
Concen: 49.233 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Instrument :
MSVOA_X
ClientSampleId :
S10-0142MSD

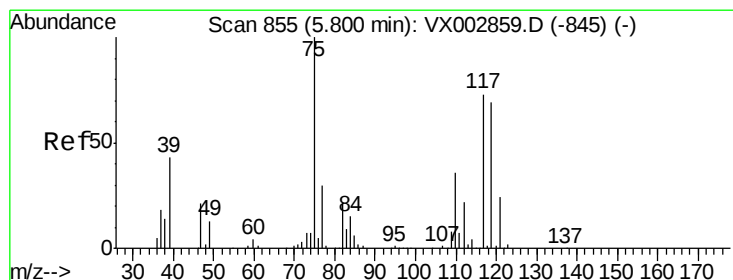
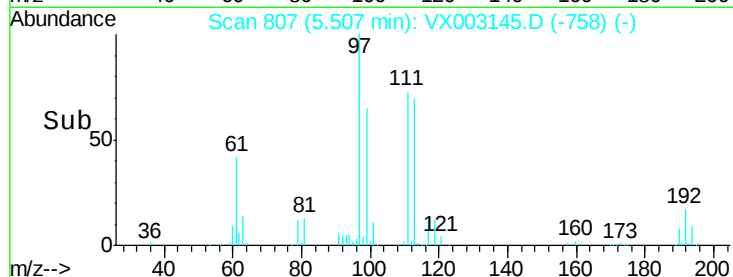
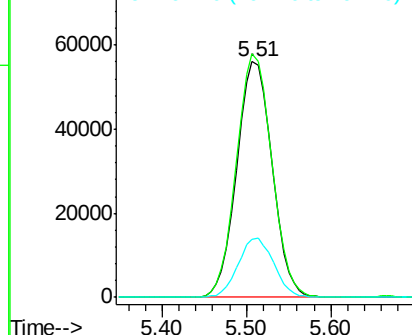
Tot Ion	Ratio	Resp	Lower	Upper
113	100	159822		
111	103.0	81.4	122.0	
192	25.4	19.1	28.7	

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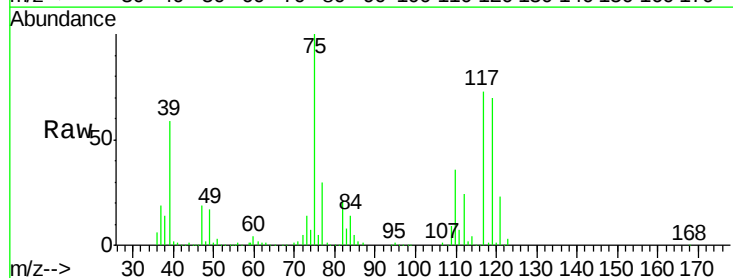


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

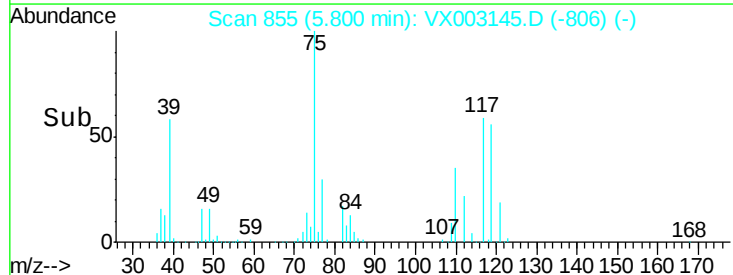
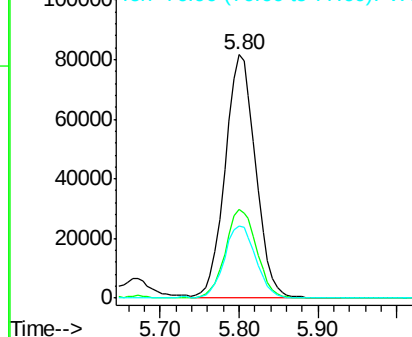


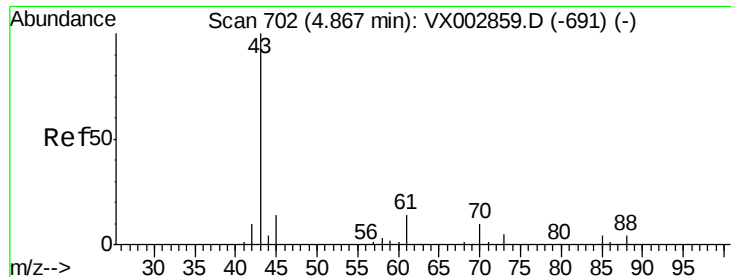
#36
1,1-Dichloropropene
Concen: 48.553 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	218268		
110	37.6	18.1	54.4	
77	30.8	24.3	36.5	



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 39.512 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

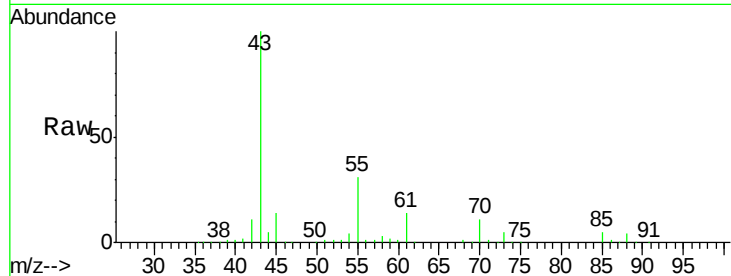
ClientSampled :

S10-0142MSD

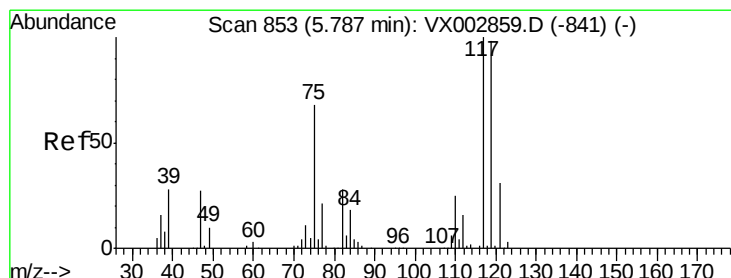
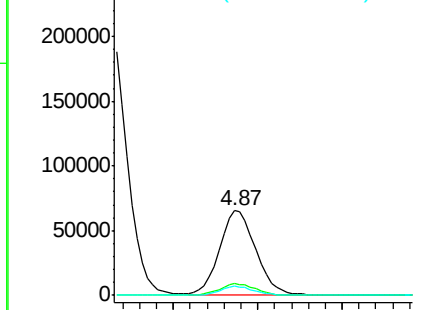
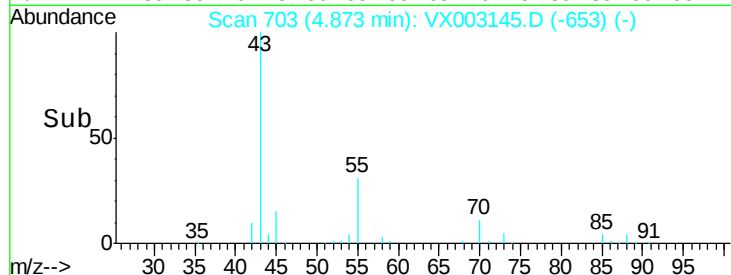
Tot Ion:	43	Resp:	191250
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.4	15.6
70	10.2	7.6	11.4

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Abundance Ion 43.00 (42.70 to 43.70): VX003145.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 48.935 ug/l

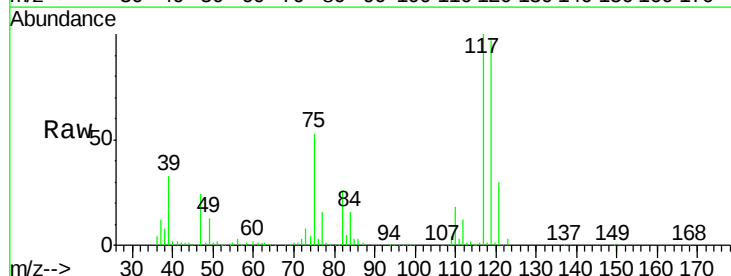
RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

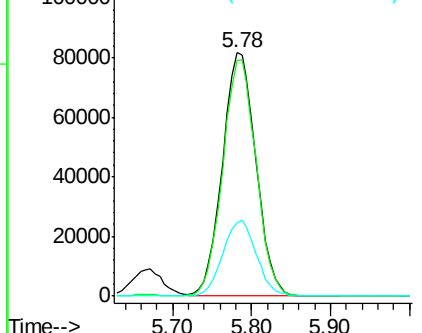
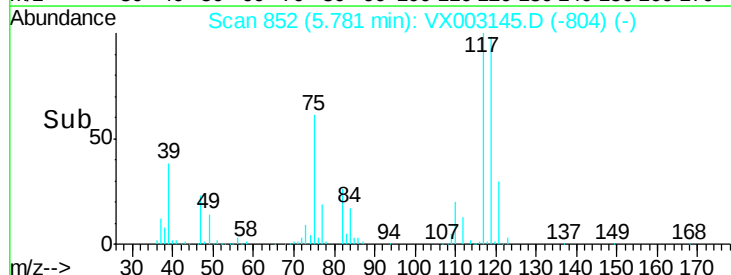
Lab File: VX003145.D

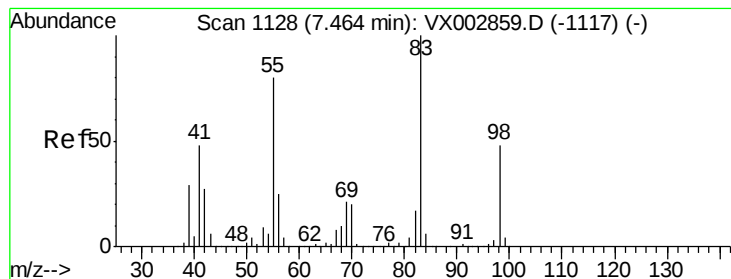
Acq: 03 Jul 2018 13:37

Tgt Ion:	117	Resp:	241406
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.4	116.0
121	30.4	24.4	36.6



Abundance Ion 116.80 (116.50 to 117.50): VX003145.D (-804) (-)





#39

Methylvlcyclohexane

Concen: 59.727 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

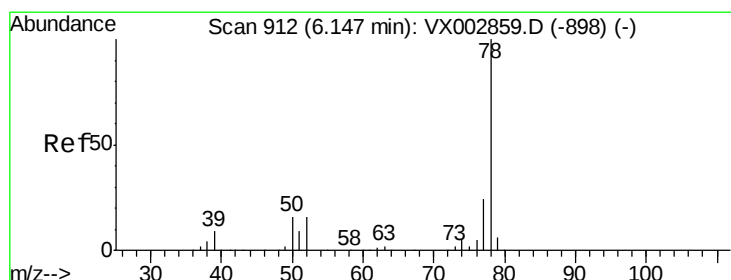
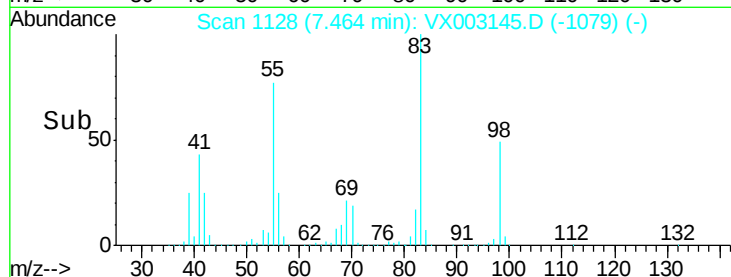
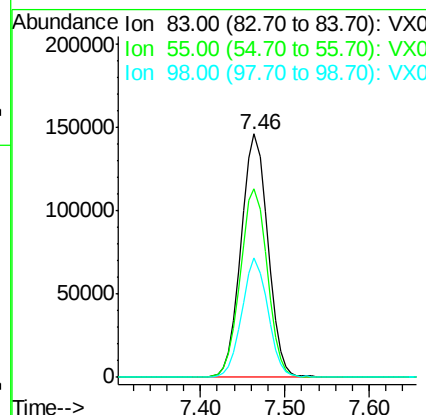
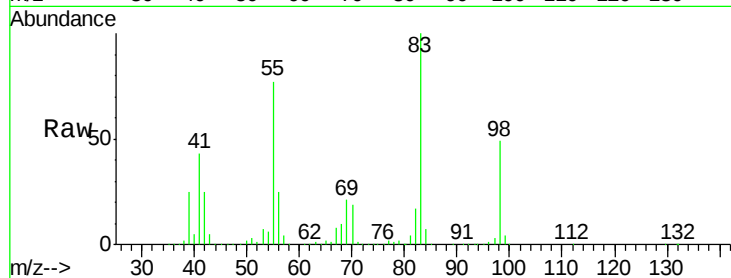
ClientSampleId :

S10-0142MSD

Tot Ion:	83	Resp:	312744
Ion	Ratio	Lower	Upper
83	100		
55	77.2	65.4	98.0
98	48.8	37.4	56.0

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#40

Benzene

Concen: 679.033 ug/l

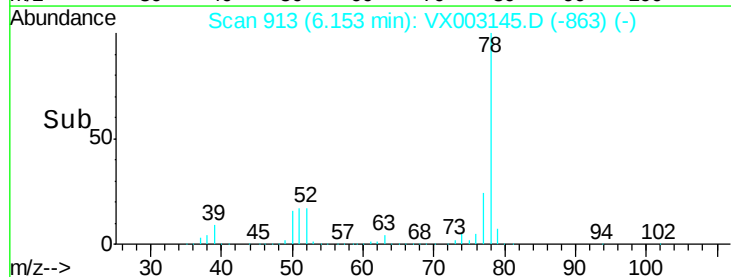
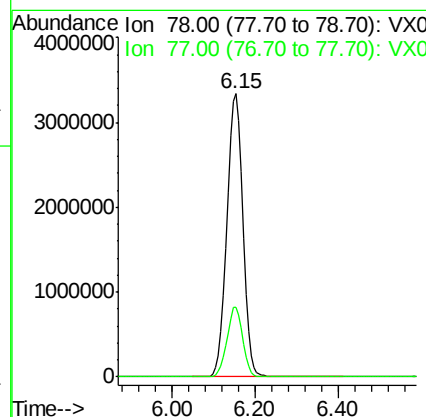
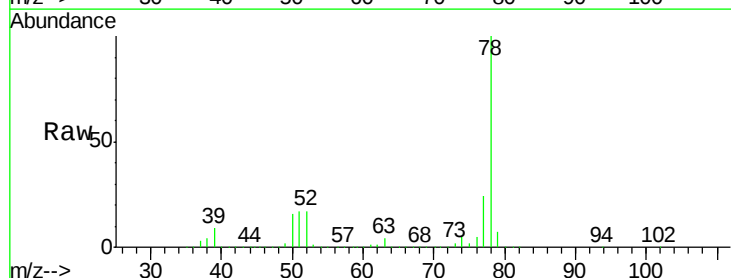
RT: 6.15 min Scan# 913

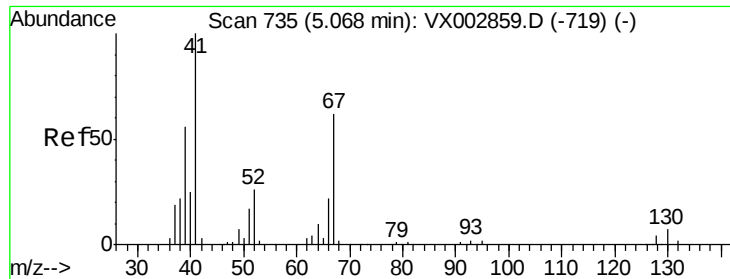
Delta R.T. 0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Tgt Ion:	78	Resp:	8869259
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.1	28.7





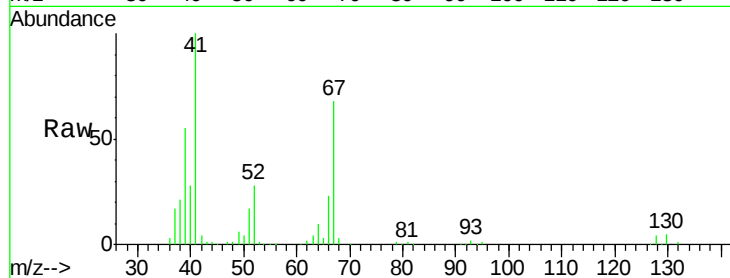
#41
Methacrylonitrile
Concen: 50.588 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Instrument :
MSVOA_X
ClientSampled :
S10-0142MSD

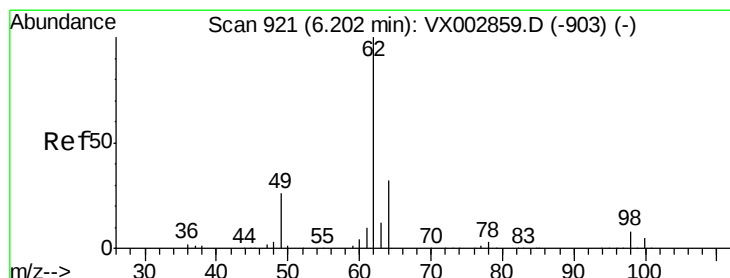
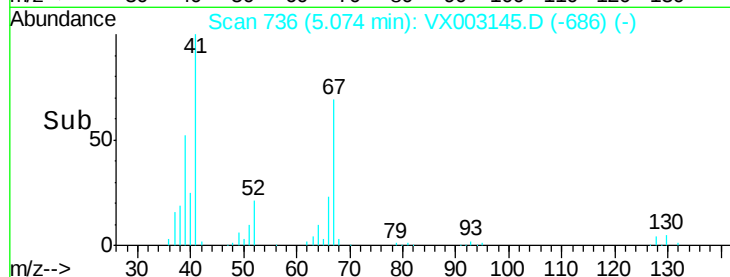
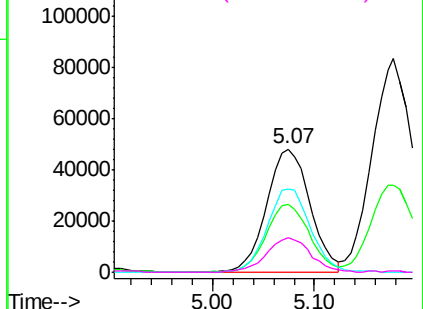
Tot Ion	41	Resp	140997
Ion Ratio	Lower	Upper	
41	100		
39	55.2	45.8	68.6
67	68.3	51.3	76.9
52	27.6	23.0	34.6

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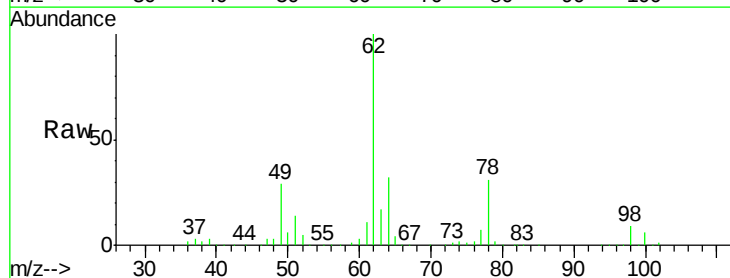


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

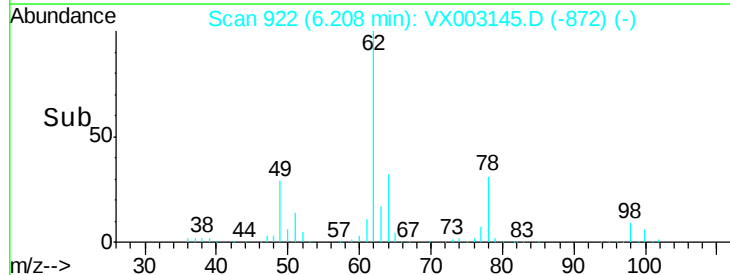
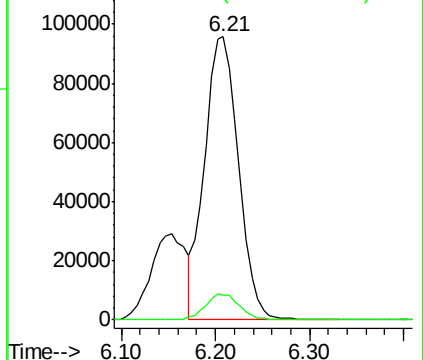


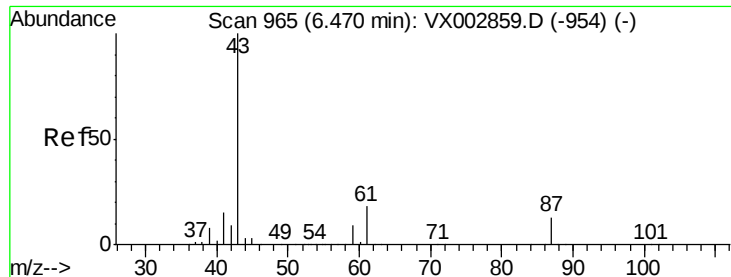
#42
1,2-Dichloroethane
Concen: 45.048 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion	62	Resp	237686
Ion Ratio	Lower	Upper	
62	100		
98	9.4	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

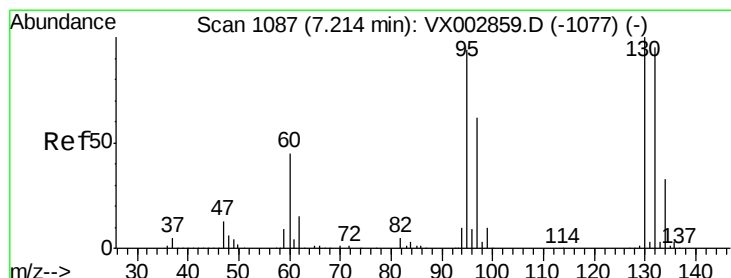
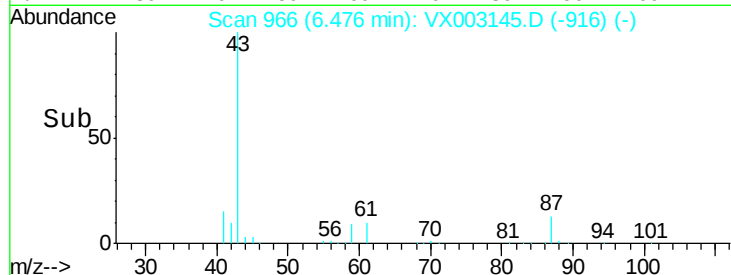
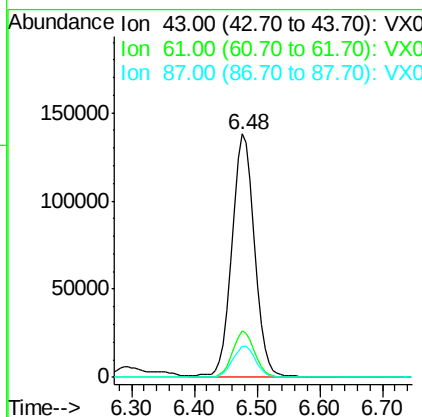
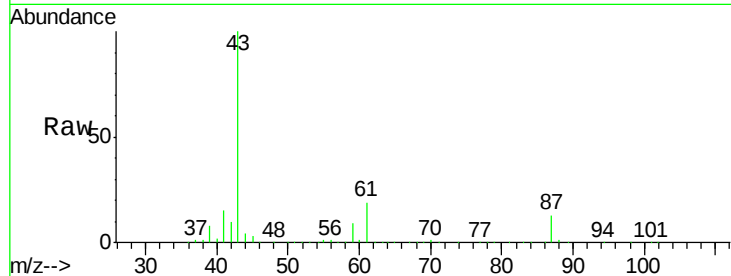
Isopropyl Acetate
 Concen: 42.462 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Instrument :
 MSVOA_X
 ClientSampled :
 S10-0142MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.7	14.4	21.6
87	13.1	9.5	14.3

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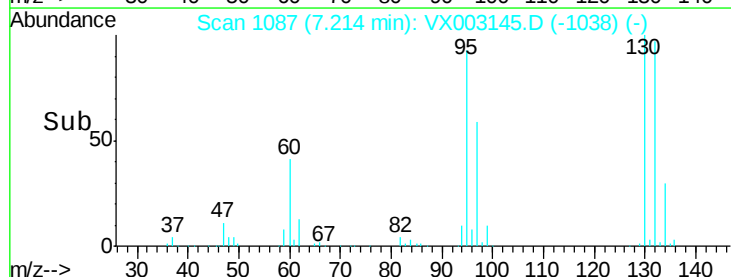
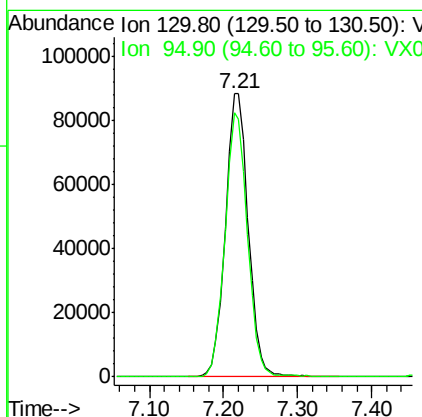
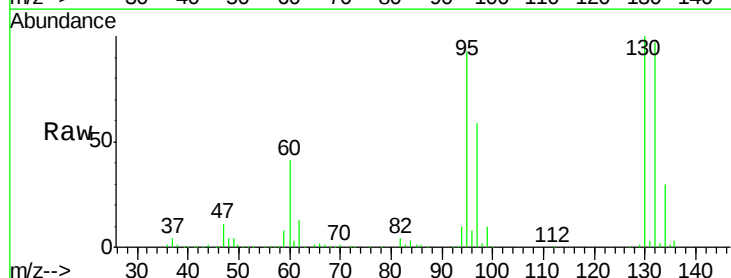
sam
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#44

Trichloroethene
 Concen: 48.596 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	185.4





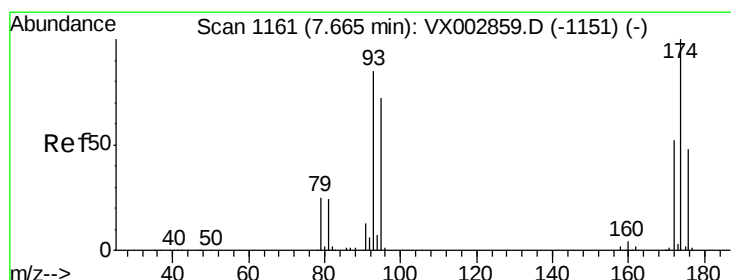
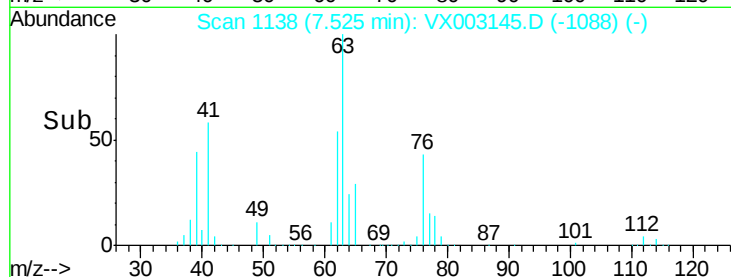
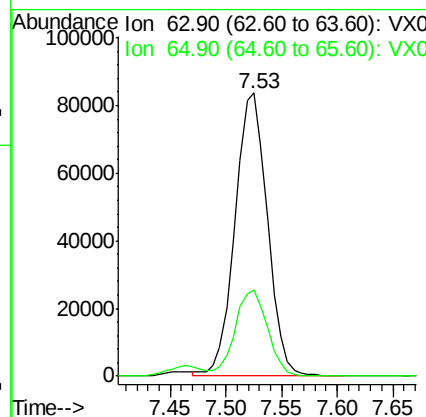
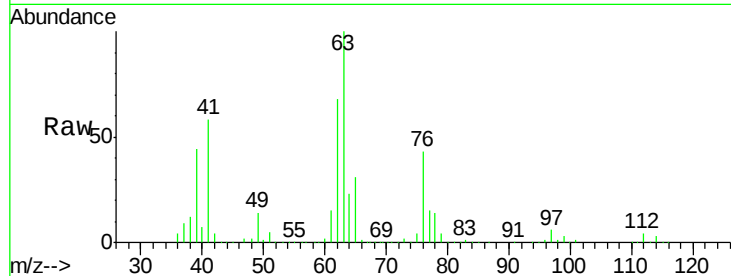
#45
 1,2-Dichloropropane
 Concen: 48.596 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142MSD

Tot Ion: 63 Resp: 168375
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1

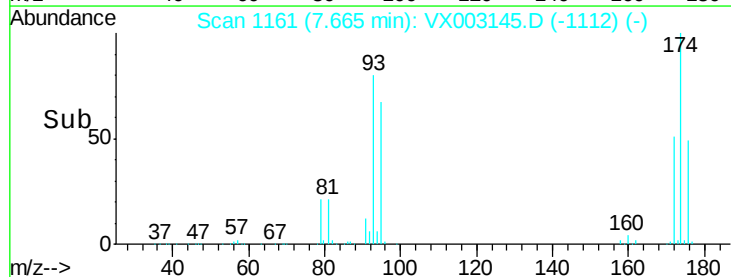
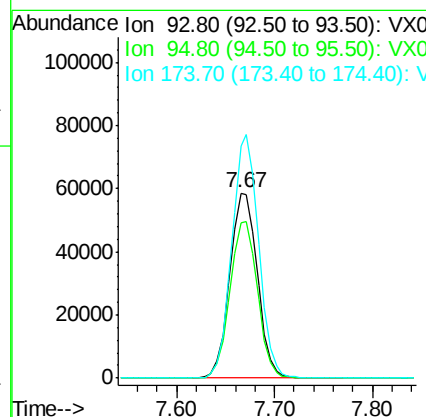
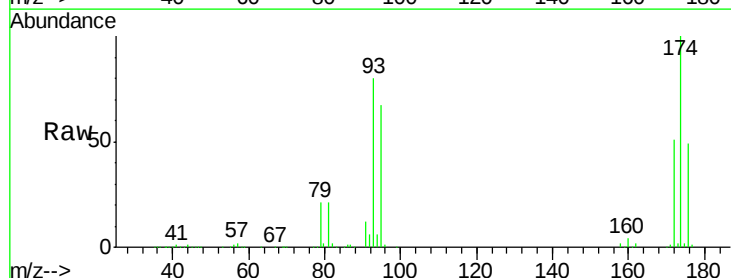
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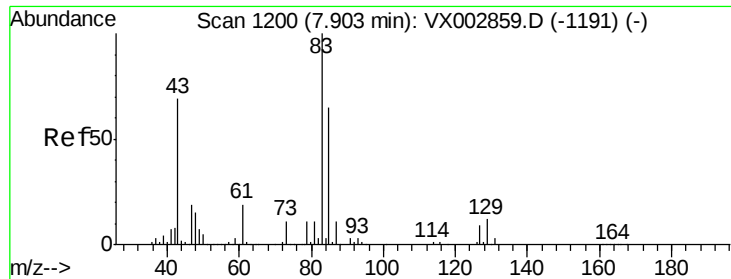
sam
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#46
 Dibromomethane
 Concen: 47.759 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Tgt Ion: 93 Resp: 114838
 Ion Ratio Lower Upper
 93 100
 95 84.2 65.9 98.9
 174 127.3 92.4 138.6





#47

Bromodichloromethane

Concen: 48.187 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

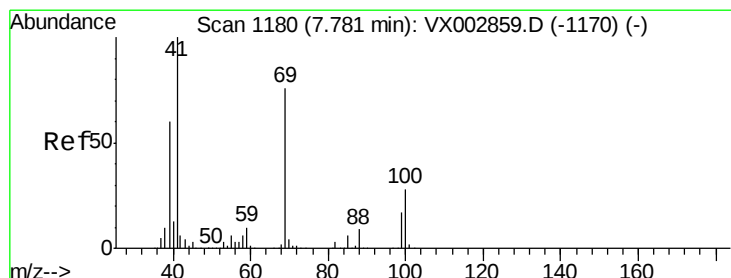
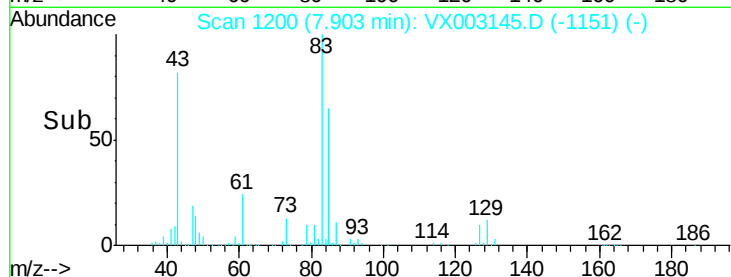
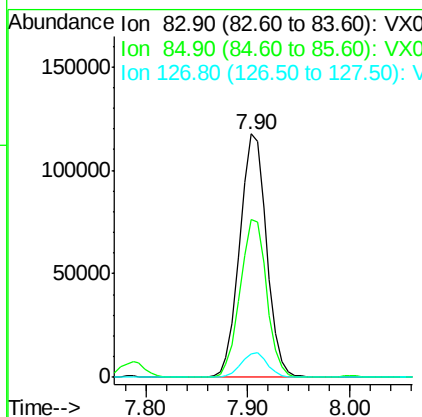
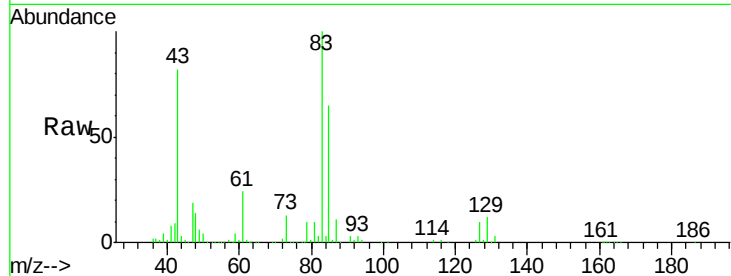
ClientSampleId :

S10-0142MSD

Tot Ion:	83	Resp:	214202
Ion Ratio	Lower	Upper	
83	100		
85	64.8	50.3	75.5
127	9.6	7.0	10.4

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#48

Methyl methacrylate

Concen: 49.345 ug/l

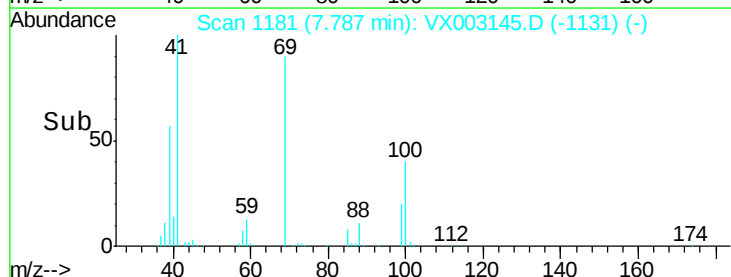
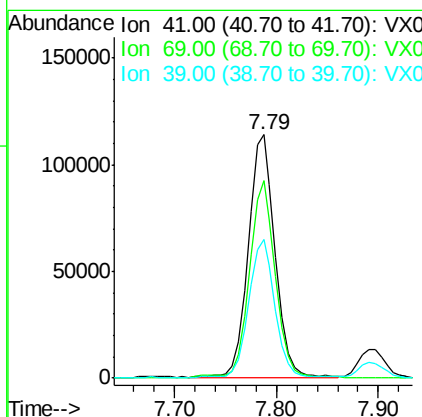
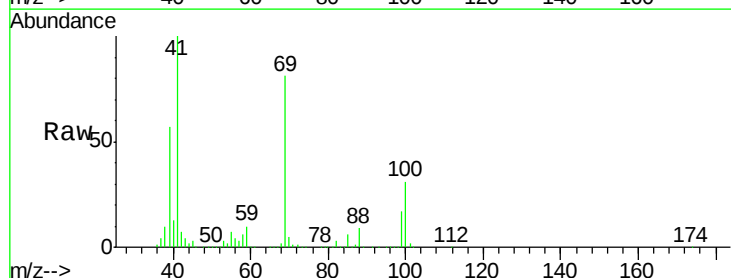
RT: 7.79 min Scan# 1181

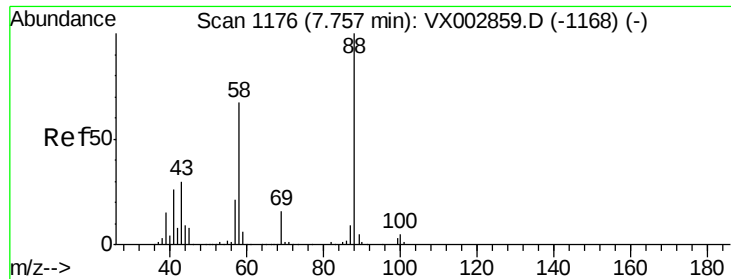
Delta R.T. 0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Tgt Ion:	41	Resp:	206396
Ion Ratio	Lower	Upper	
41	100		
69	80.5	59.1	88.7
39	56.2	48.9	73.3





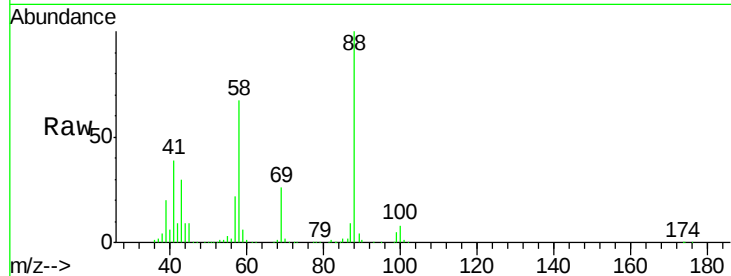
#49
1,4-Dioxane
Concen: 986.632 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Instrument :
MSVOA_X
ClientSampleId :
S10-0142MSD

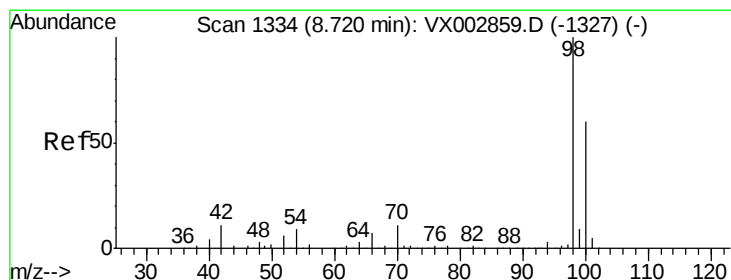
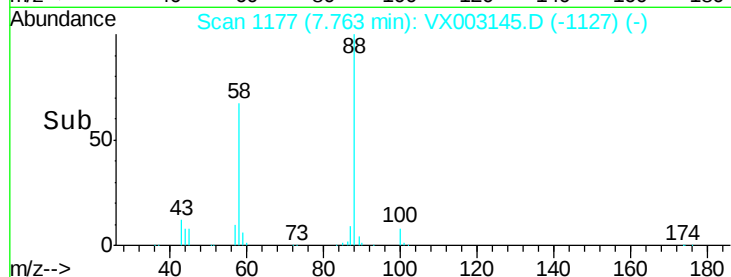
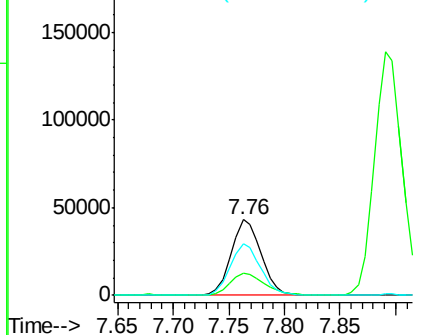
Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	29.8	44.6
58	68.9	57.1	85.7

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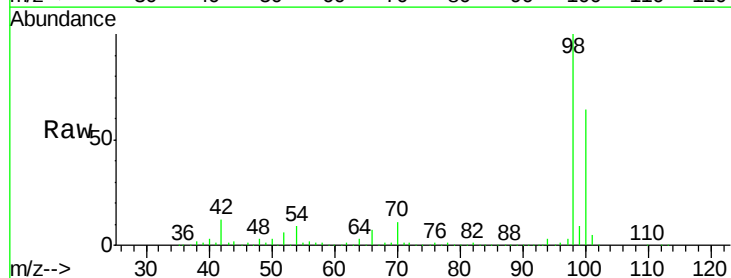


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

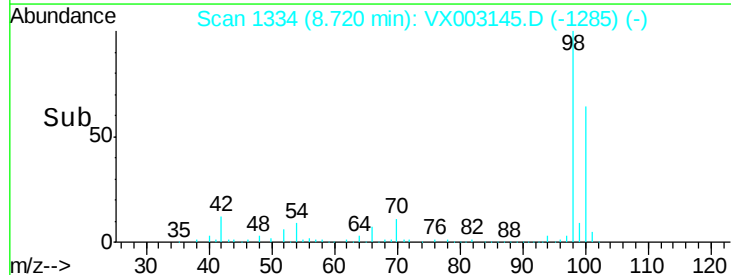
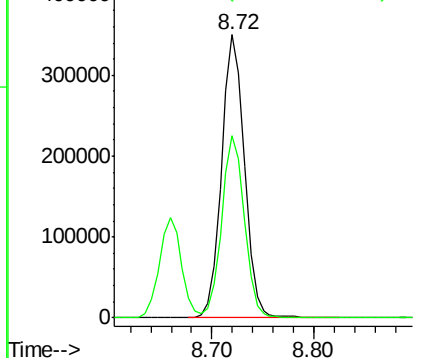


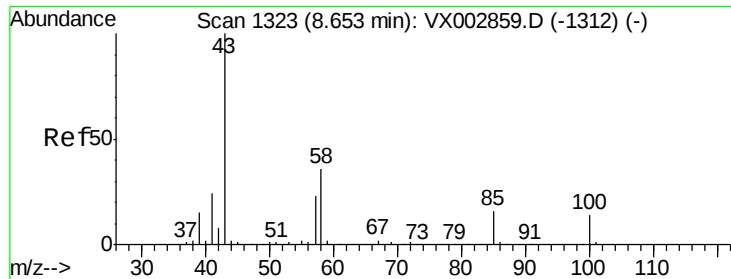
#50
Toluene-d8
Concen: 45.901 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.9	76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





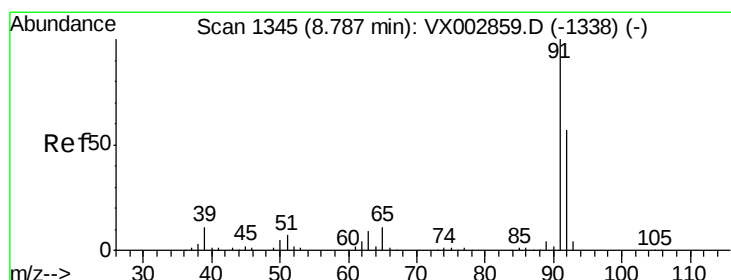
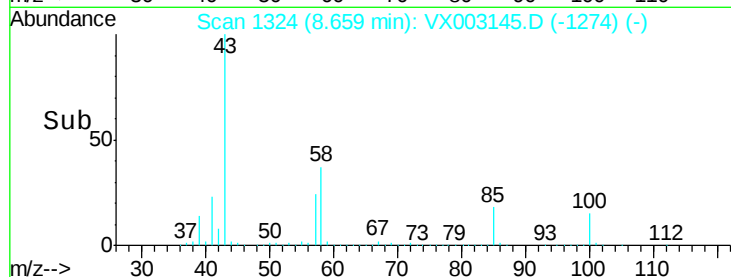
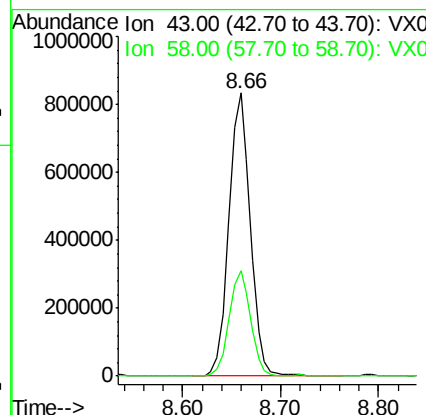
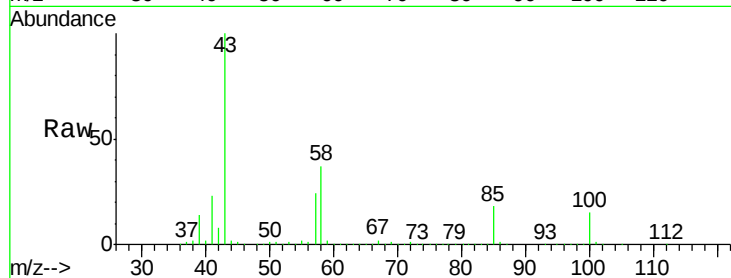
#51
4-Methyl-2-Pentanone
Concen: 248.542 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Instrument :
MSVOA_X
ClientSampleId :
S10-0142MSD

Tot Ion: 43 Resp: 1262310
Ion Ratio Lower Upper
43 100
58 37.3 28.6 42.8

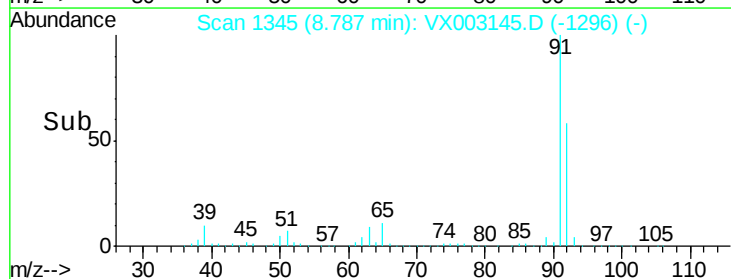
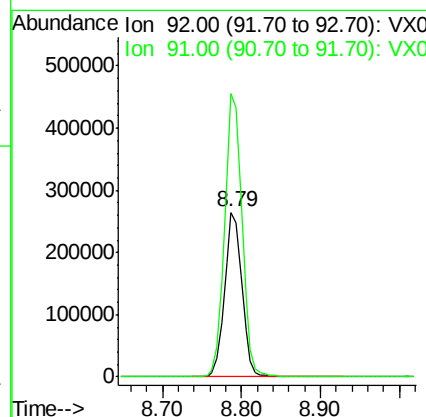
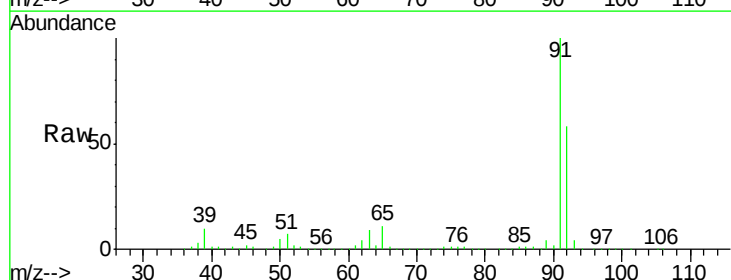
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#52
Toluene
Concen: 48.431 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion: 92 Resp: 405247
Ion Ratio Lower Upper
92 100
91 173.9 140.4 210.6





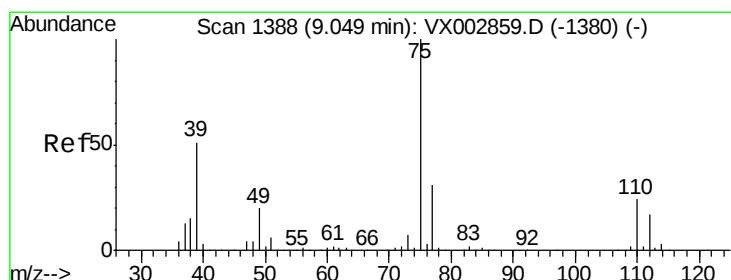
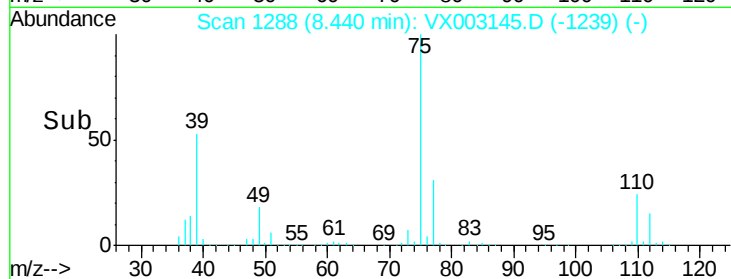
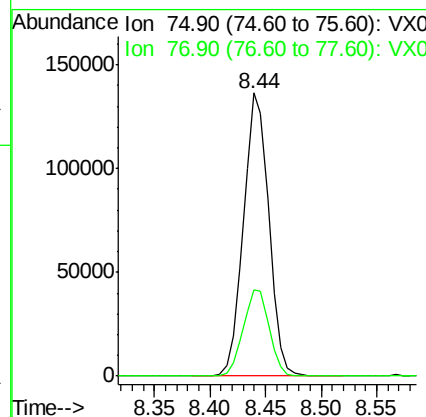
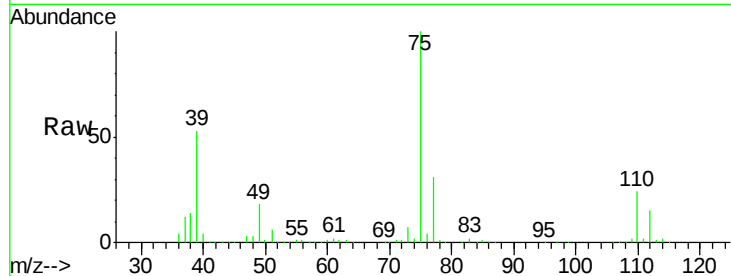
#53
t-1,3-Dichloropropene
Concen: 42.634 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Instrument :
MSVOA_X
ClientSampled :
S10-0142MSD

Tot Ion: 75 Resp: 214630
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.2

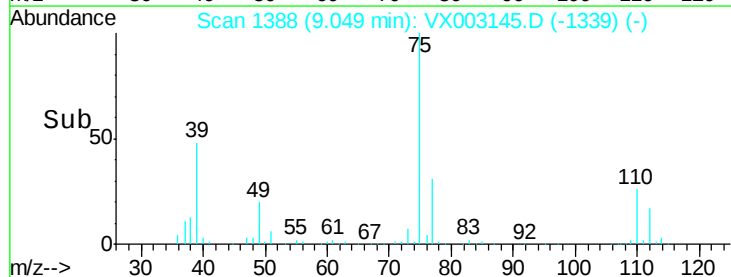
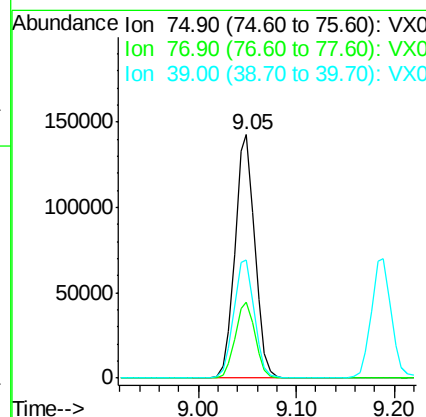
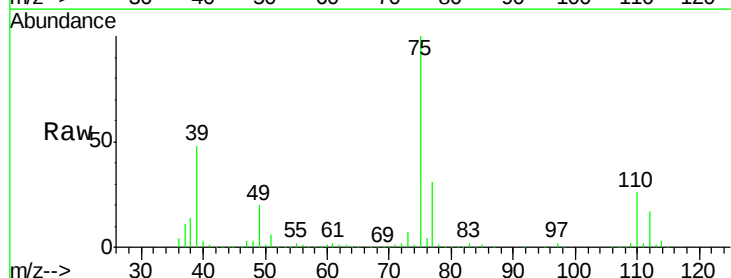
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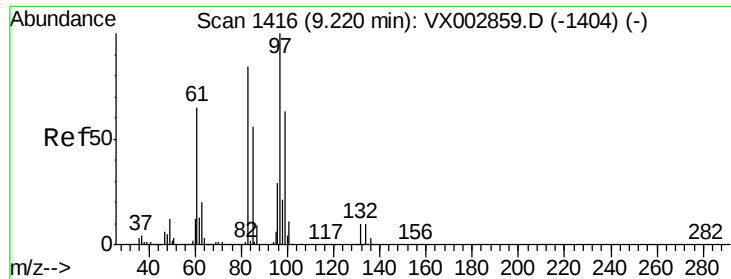
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#54
cis-1,3-Dichloropropene
Concen: 41.362 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion: 75 Resp: 200355
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2
39 48.2 42.4 63.6





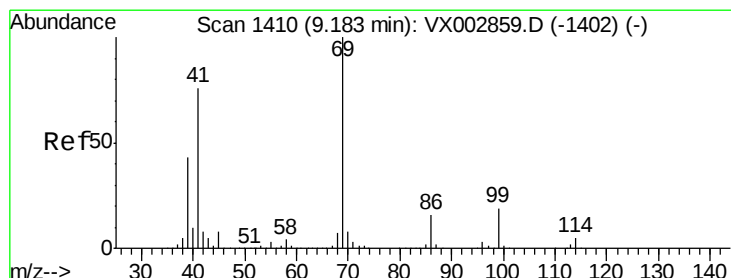
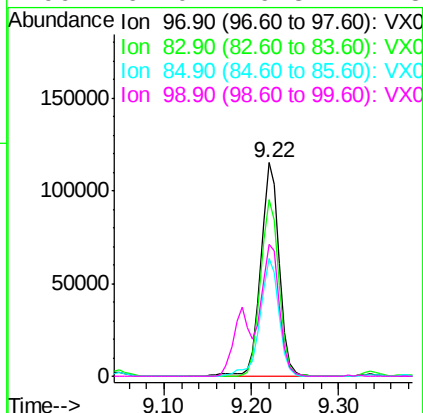
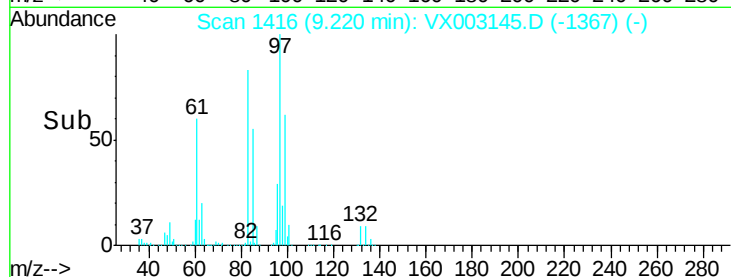
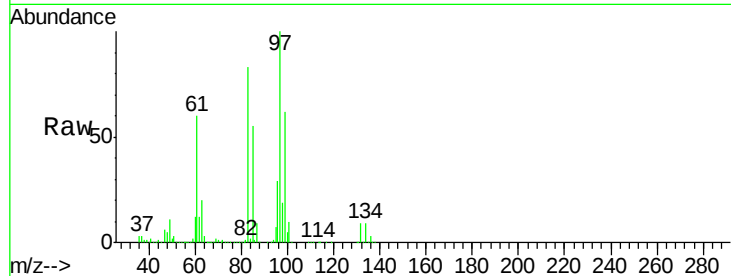
#55
 1,1,2-Trichloroethane
 Concen: 49.197 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		169159		
83	82.8	70.2	105.2		
85	55.3	44.9	67.3		
99	62.0	49.8	74.8		

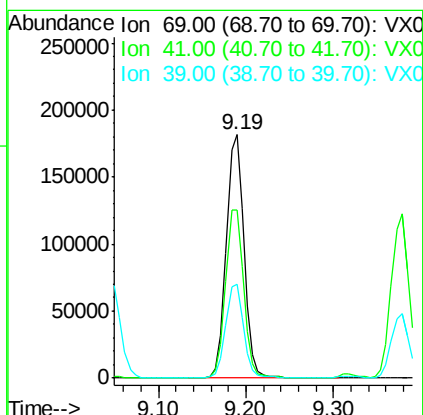
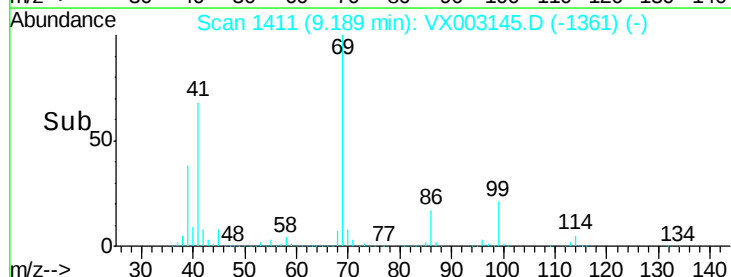
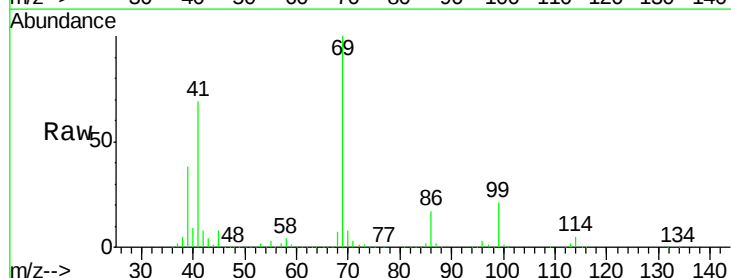
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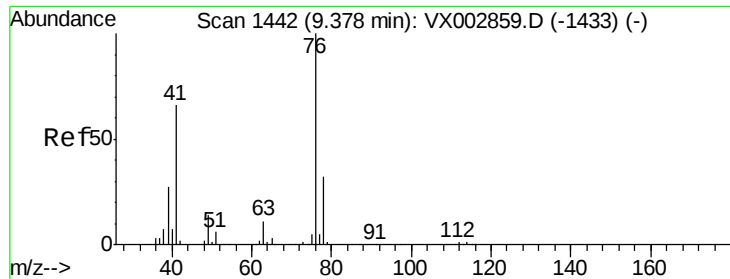
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#56
 Ethyl methacrylate
 Concen: 50.896 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		255762		
41	70.6	60.3	90.5		
39	38.8	35.8	53.8		





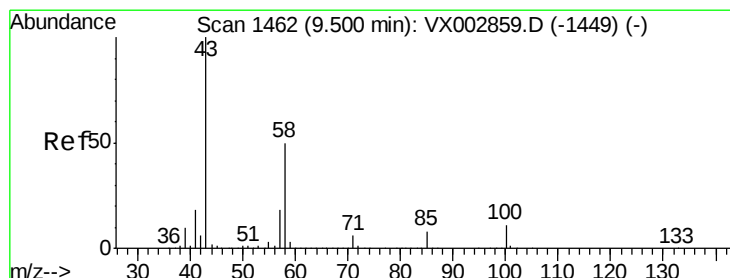
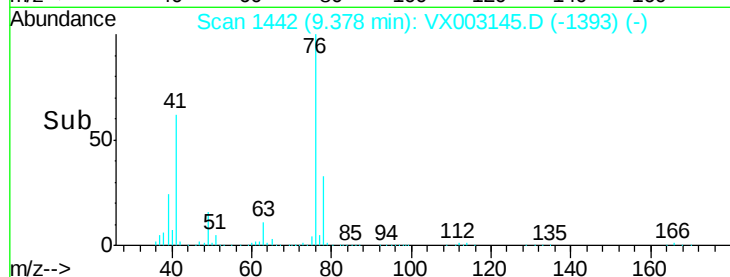
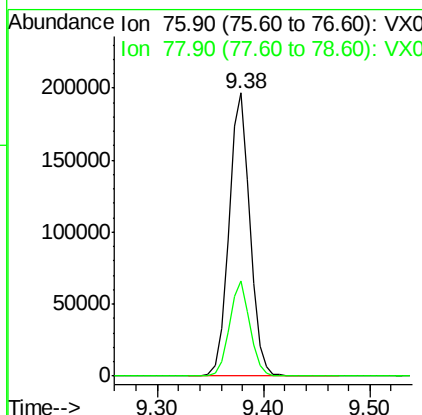
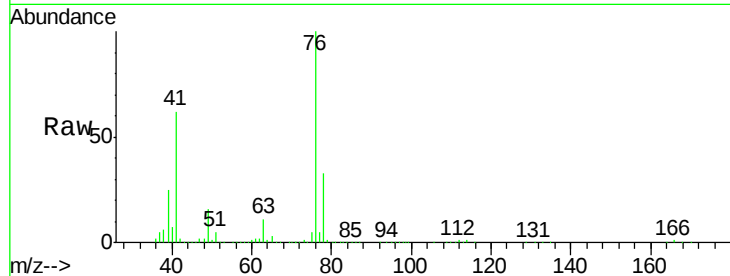
#57
 1,3-Dichloropropane
 Concen: 48.037 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Instrument :
 MSVOA_X
 ClientSampled :
 S10-0142MSD

Tot Ion: 76 Resp: 271276
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.6

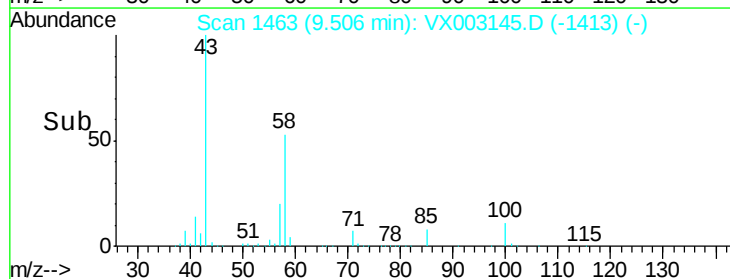
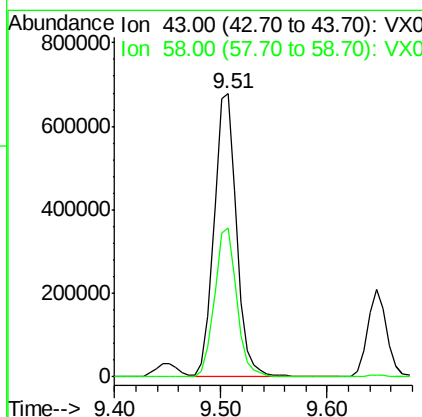
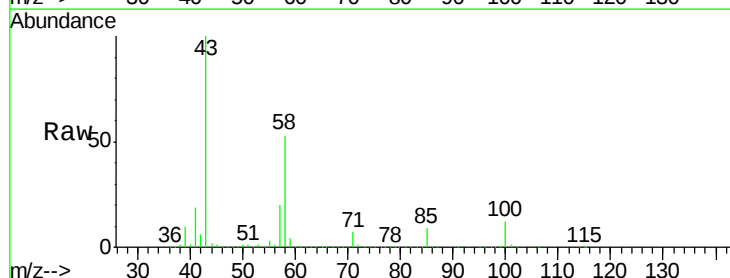
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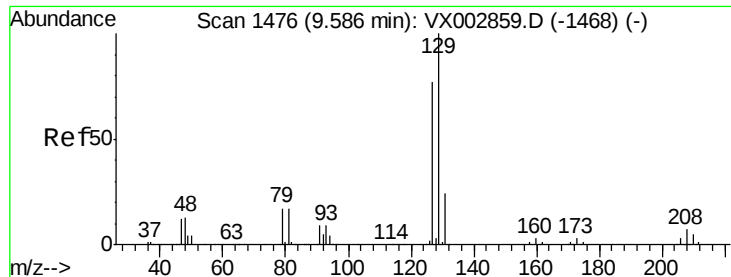
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#59
 2-Hexanone
 Concen: 256.174 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Tgt Ion: 43 Resp: 988825
 Ion Ratio Lower Upper
 43 100
 58 52.2 24.6 73.6





#60

Dibromochloromethane

Concen: 50.494 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

ClientSampleId :

S10-0142MSD

Tot Ion:129 Resp: 182770

Ion Ratio Lower Upper

129 100

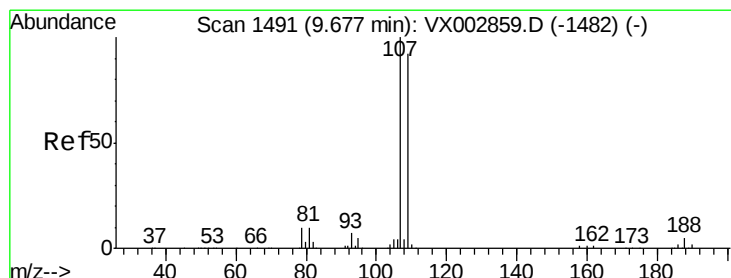
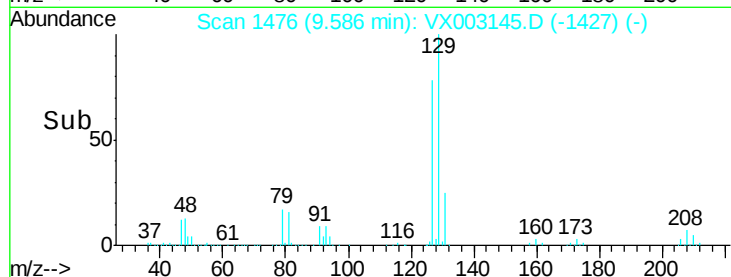
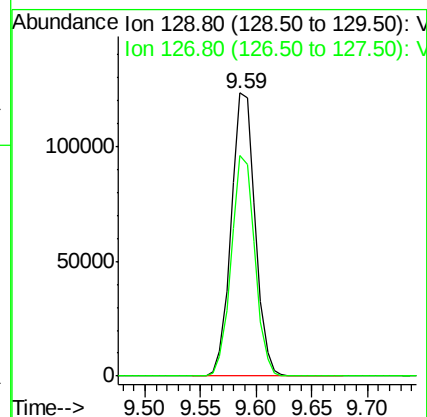
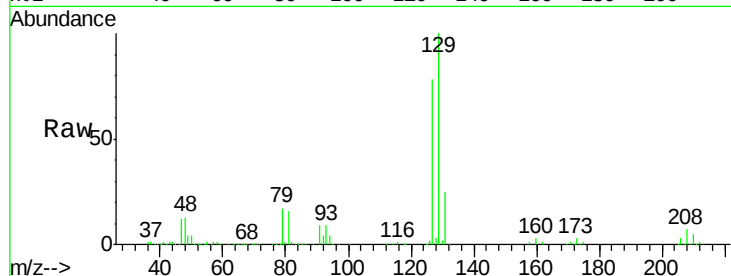
127 76.9 38.5 115.3

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 49.793 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003145.D

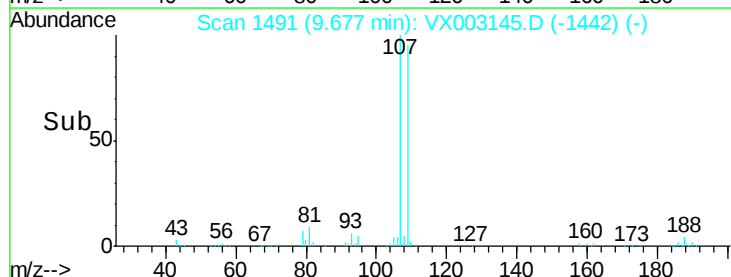
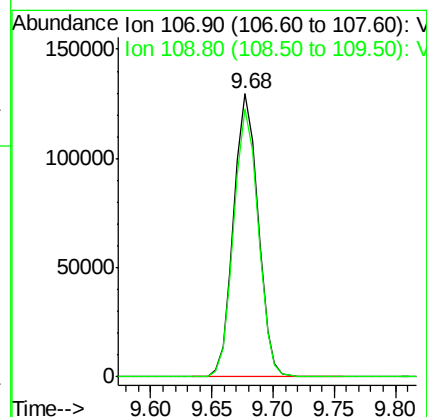
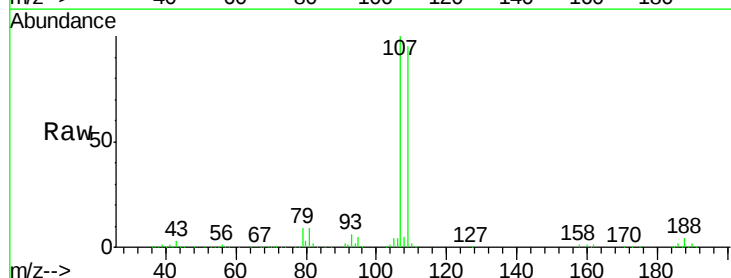
Acq: 03 Jul 2018 13:37

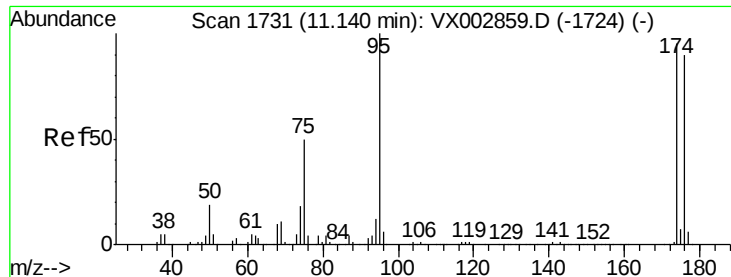
Tgt Ion:107 Resp: 179582

Ion Ratio Lower Upper

107 100

109 95.0 75.3 112.9





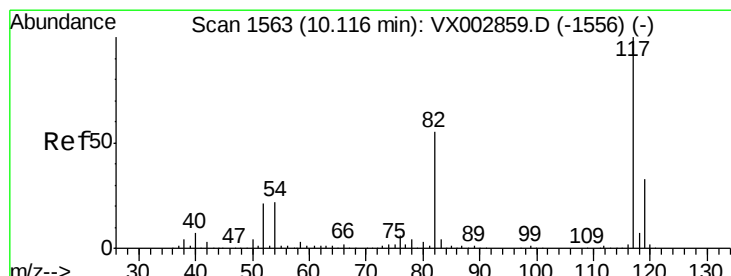
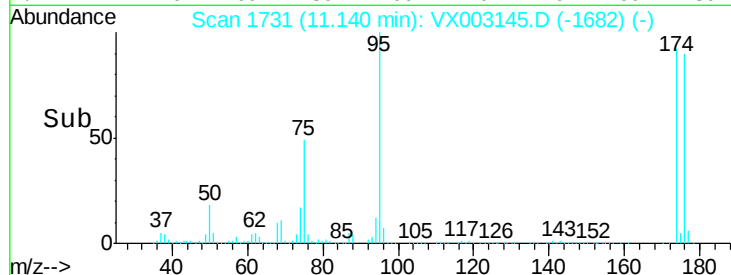
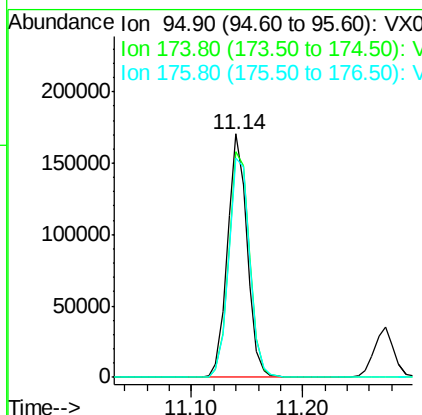
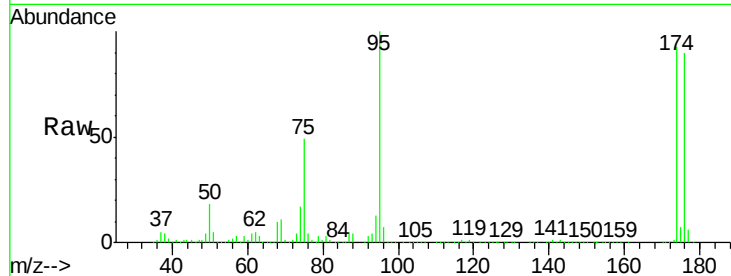
#62
4-Bromofluorobenzene
Concen: 45.289 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Instrument :
MSVOA_X
ClientSampleId :
S10-0142MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	207050		
174	98.3	0.0	187.4	
176	96.5	0.0	181.0	

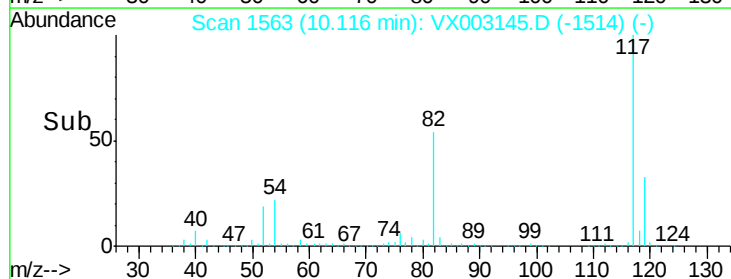
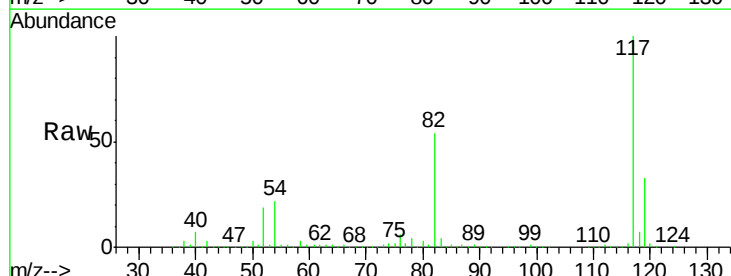
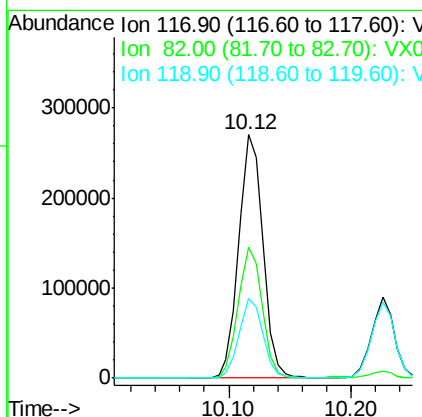
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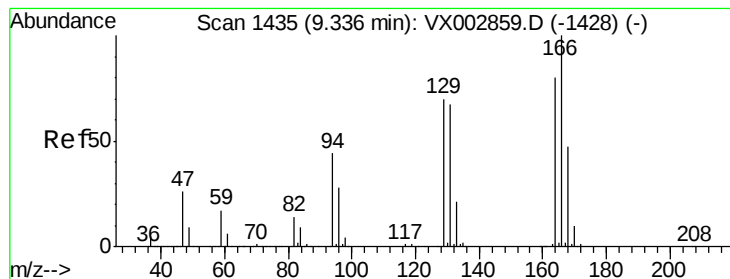
sam
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	369736		
82	53.9	45.0	67.4	
119	32.6	25.8	38.6	





#64

Tetrachloroethene

Concen: 46.010 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.01 min

Lab File: VX003145.D

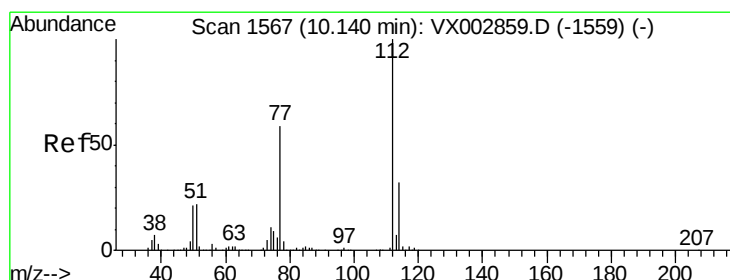
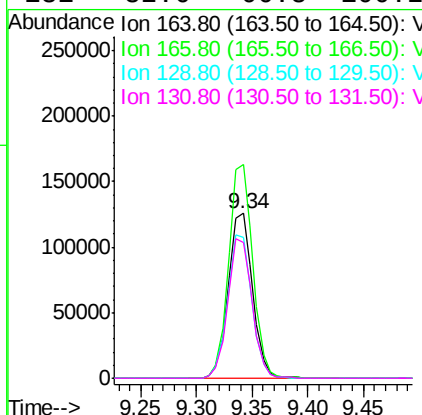
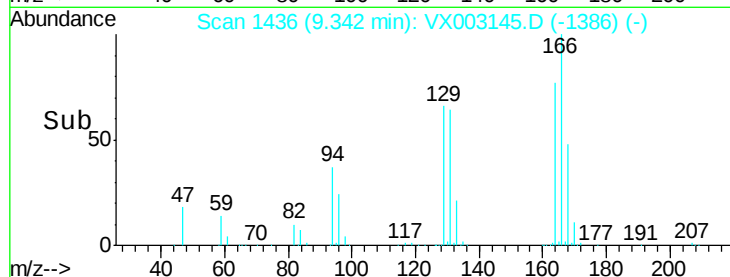
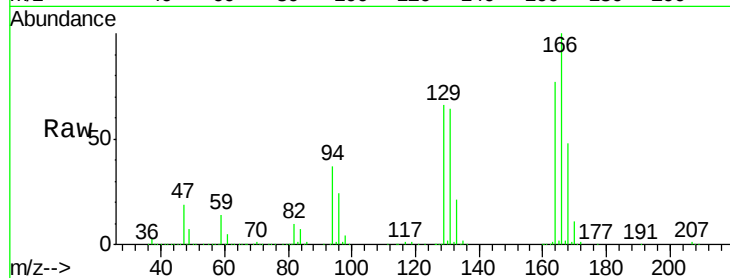
Acq: 03 Jul 2018 13:37

Instrument :
MSVOA_X
ClientSampleId :
S10-0142MSD

Tot Ion:	164	Resp:	189158
Ion Ratio	Lower	Upper	
164	100		
166	129.7	102.9	154.3
129	85.3	68.6	102.8
131	82.6	66.8	100.2

Manual Integrations
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#65

Chlorobenzene

Concen: 49.829 ug/l

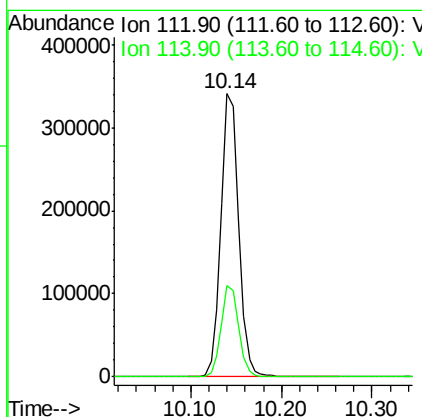
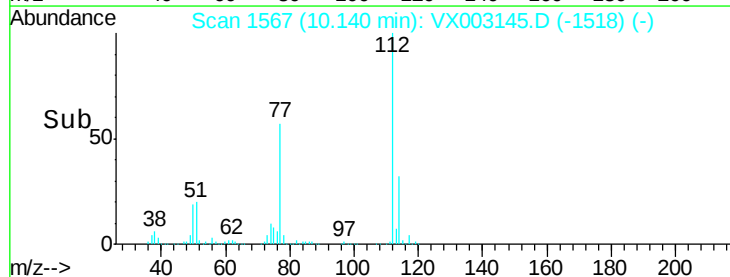
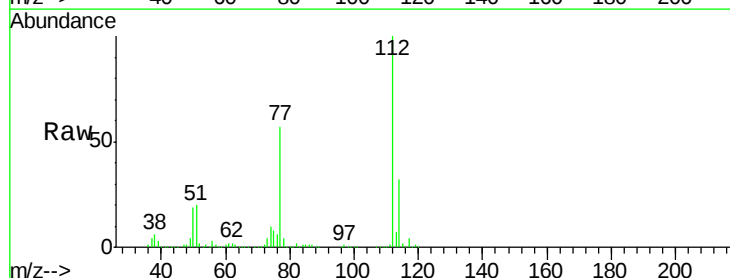
RT: 10.14 min Scan# 1567

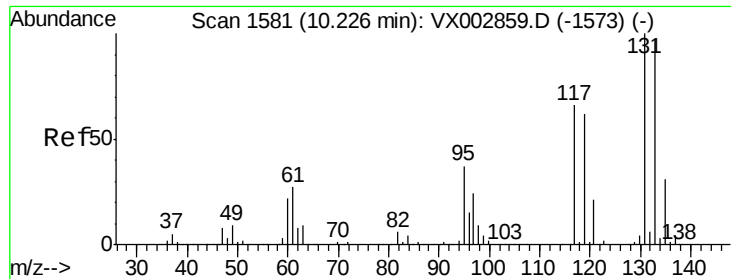
Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Tgt Ion:	112	Resp:	467955
Ion Ratio	Lower	Upper	
112	100		
114	32.4	25.3	37.9





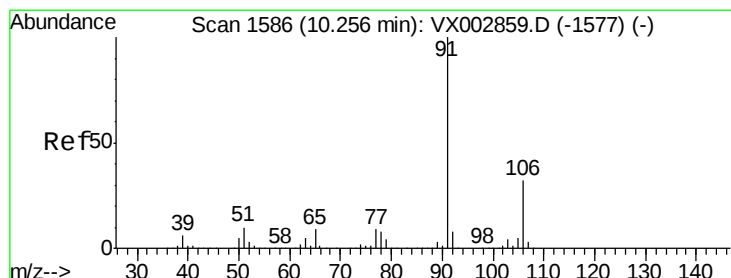
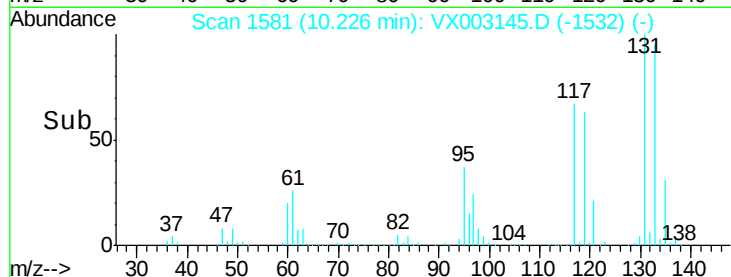
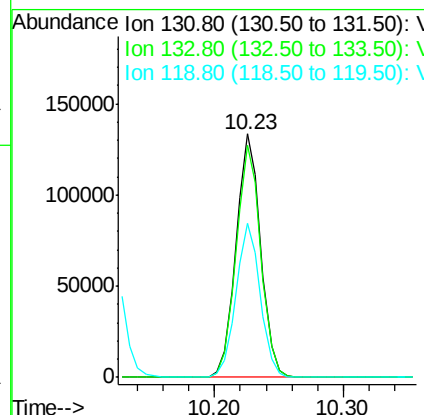
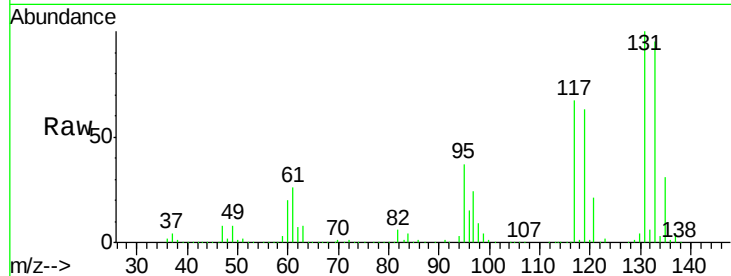
#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.957 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142MSD

Tot Ion	Ratio	Resp	Lower	Upper
131	100	177253		
133	95.6	47.9	143.6	
119	62.7	31.8	95.3	

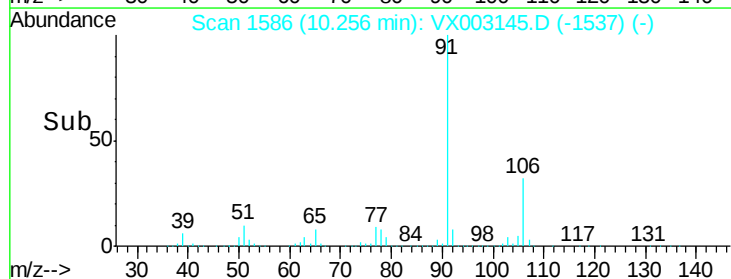
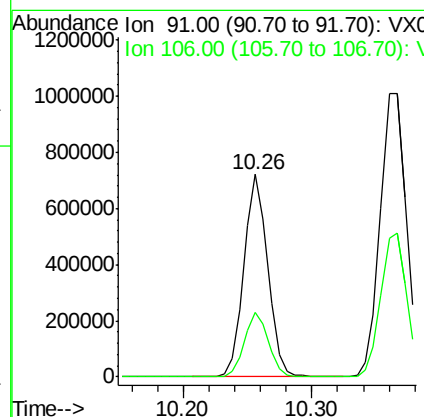
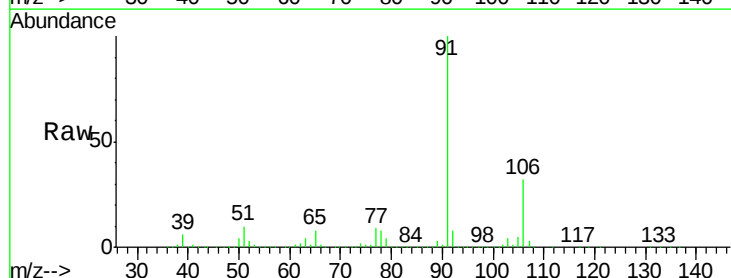
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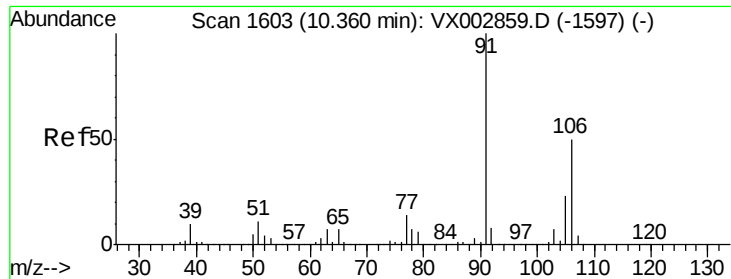
sam
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#67
 Ethyl Benzene
 Concen: 59.634 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	925144		
106	31.8	25.5	38.3	





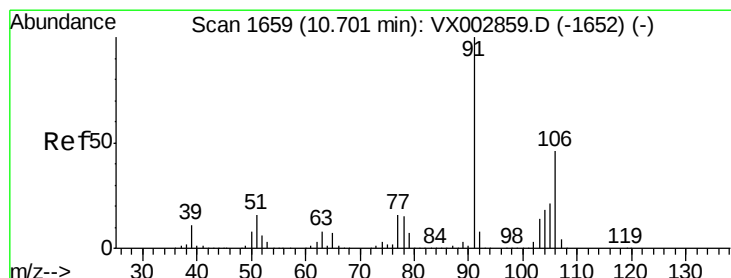
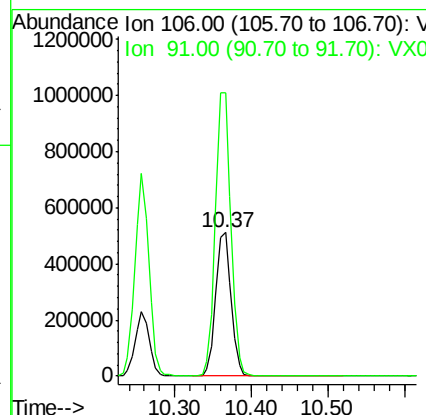
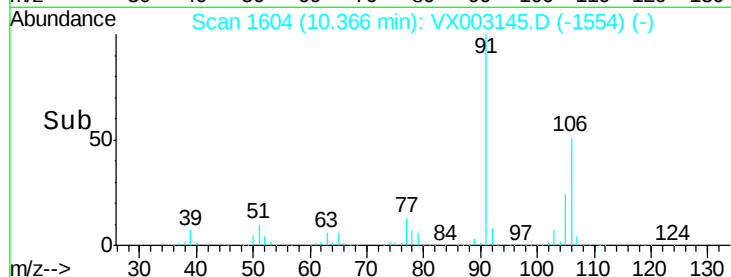
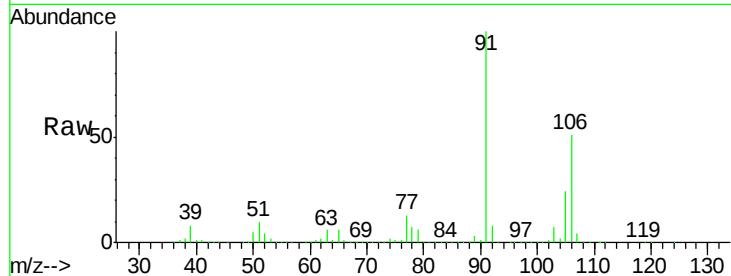
#68
m/p-Xvlenes
Concen: 119.703 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Instrument :
MSVOA_X
ClientSampled :
S10-0142MSD

Tot Ion:106 Resp: 715699
Ion Ratio Lower Upper
106 100
91 199.1 163.4 245.2

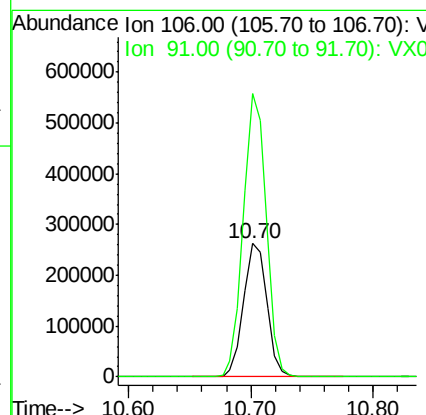
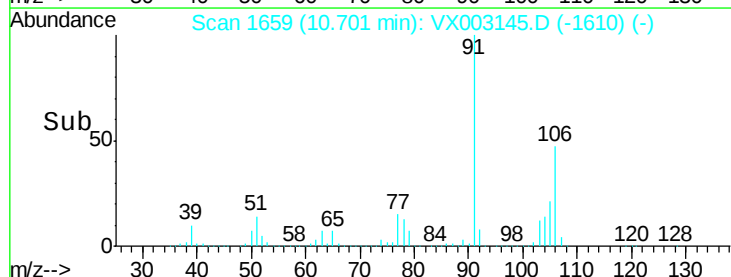
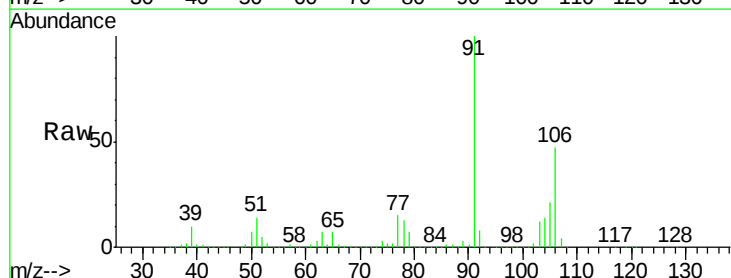
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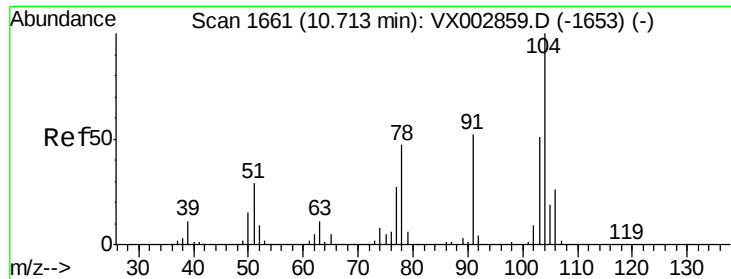
sam
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#69
o-Xylene
Concen: 59.319 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion:106 Resp: 345340
Ion Ratio Lower Upper
106 100
91 209.3 108.2 324.6





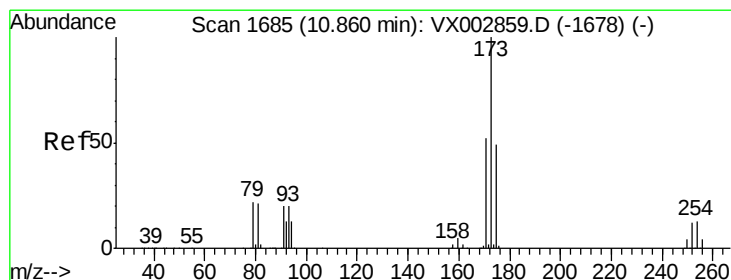
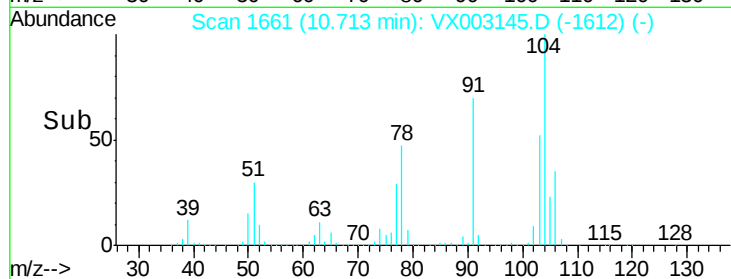
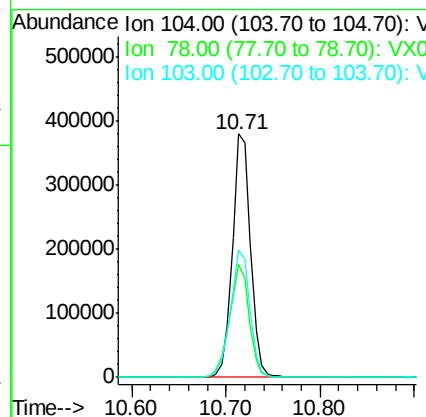
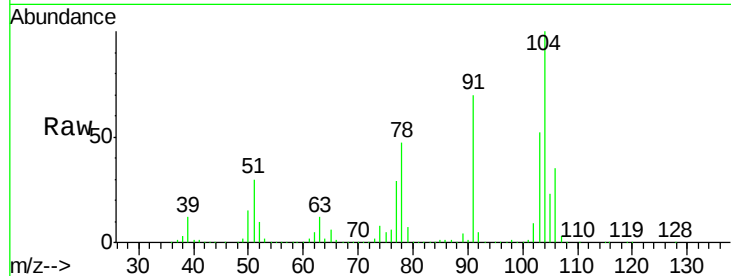
#70
Stvrene
Concen: 53.443 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Instrument :
MSVOA_X
ClientSampled :
S10-0142MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.4	41.0	61.6
103	56.3	44.2	66.4

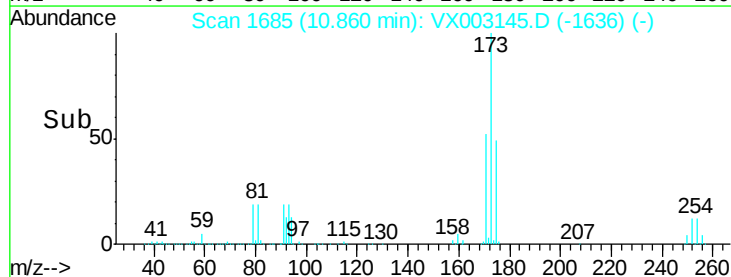
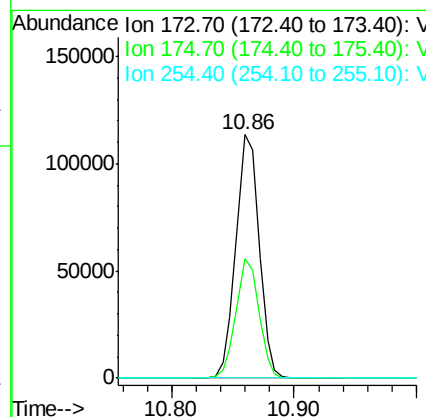
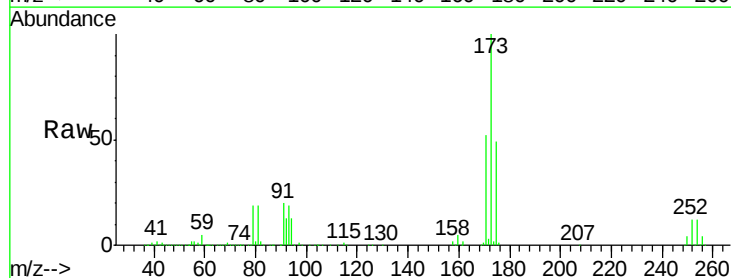
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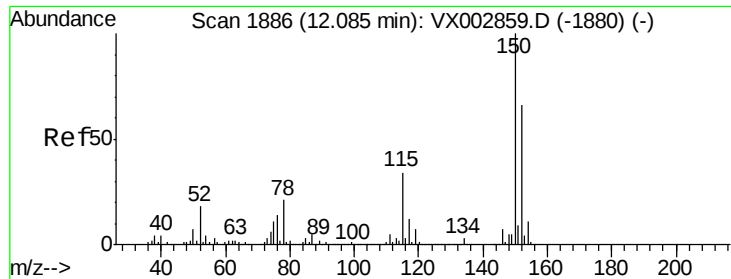
sam
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#71
Bromoform
Concen: 48.337 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.7	74.1
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

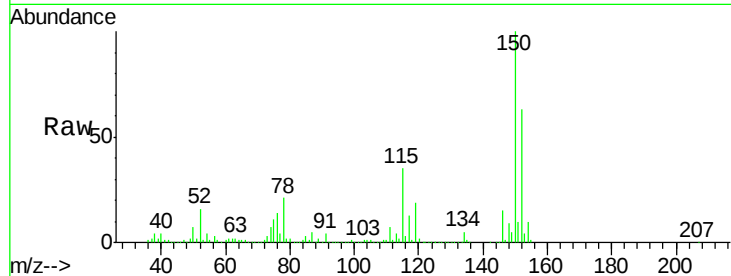
ClientSampled :

S10-0142MSD

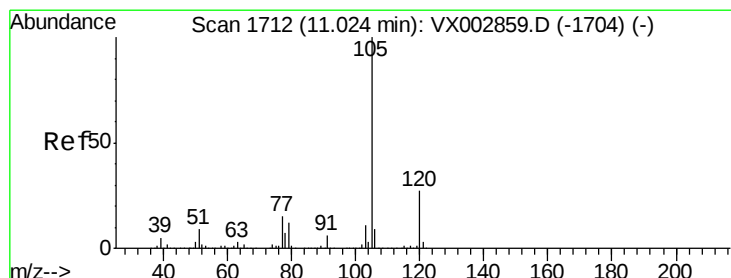
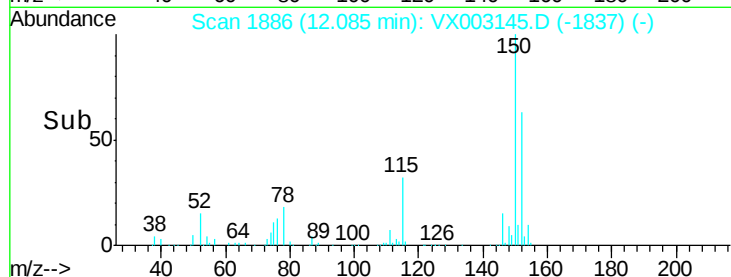
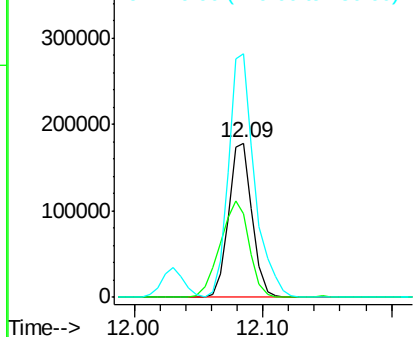
Tot Ion:	152	Resp:	228250
Ion Ratio	Lower	Upper	
152	100		
115	77.9	40.1	120.2
150	174.2	0.0	347.2

Manual Integrations
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 58.349 ug/l

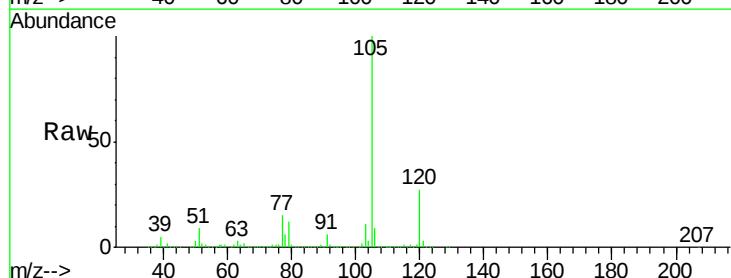
RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

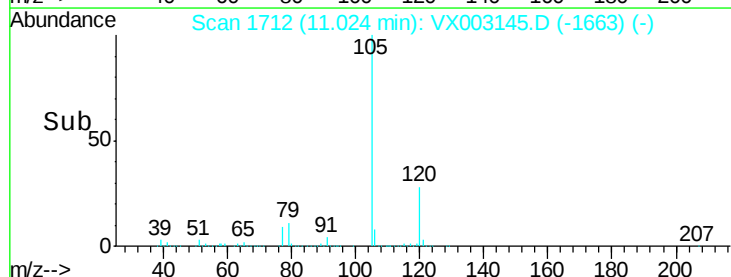
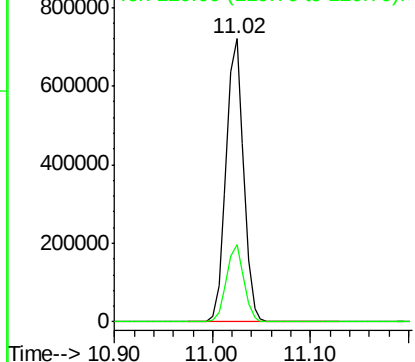
Lab File: VX003145.D

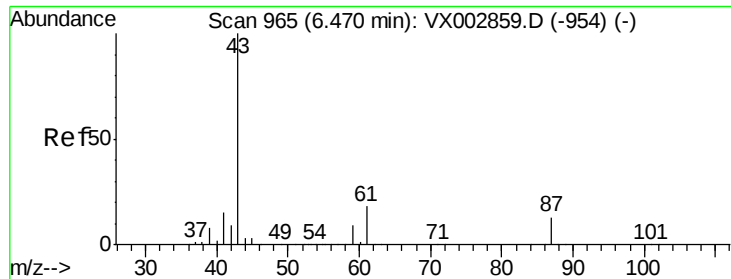
Acq: 03 Jul 2018 13:37

Tgt Ion:	105	Resp:	895947
Ion Ratio	Lower	Upper	
105	100		
120	27.1	13.5	40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.879 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

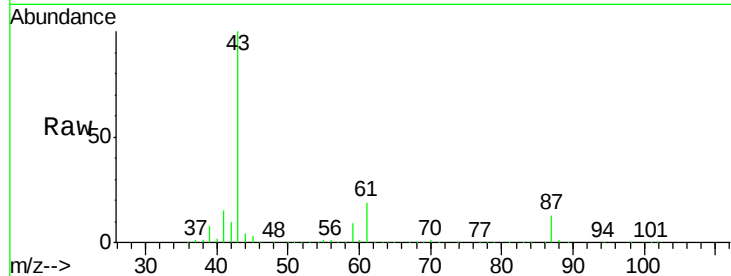
ClientSampleId :

S10-0142MSD

Tot Ion:	43	Resp:	344687
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	18.7	14.4	21.6

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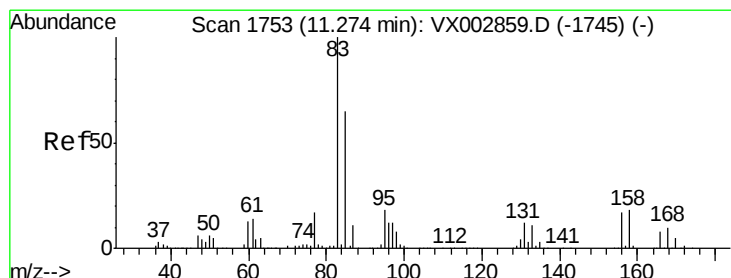
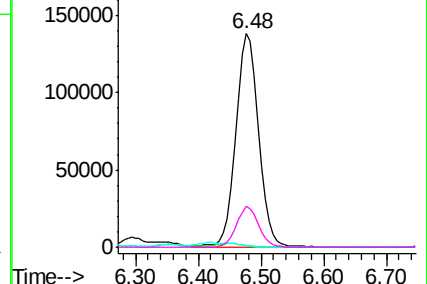
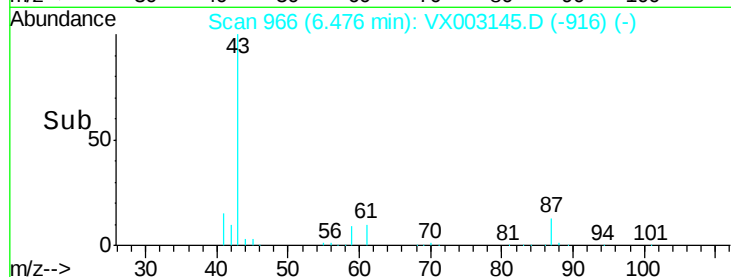


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 53.279 ug/l

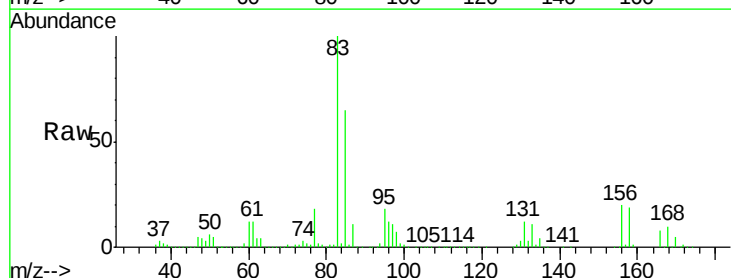
RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

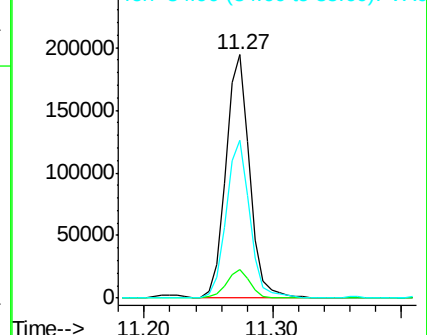
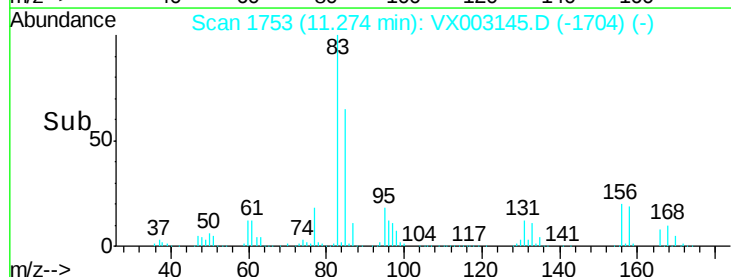
Tgt Ion:	83	Resp:	252010
Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.6	16.8
85	65.1	32.4	97.2

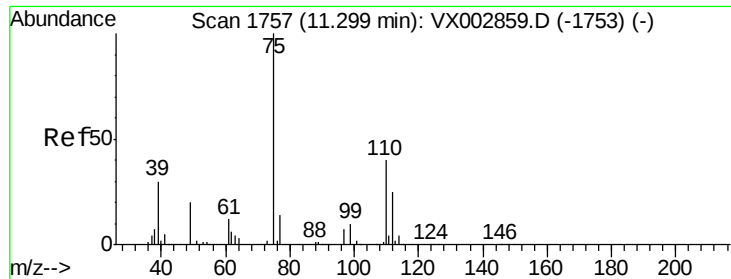


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





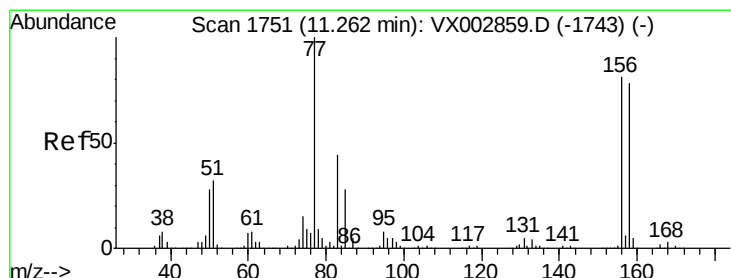
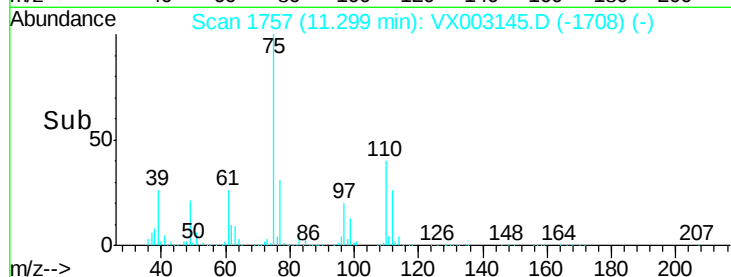
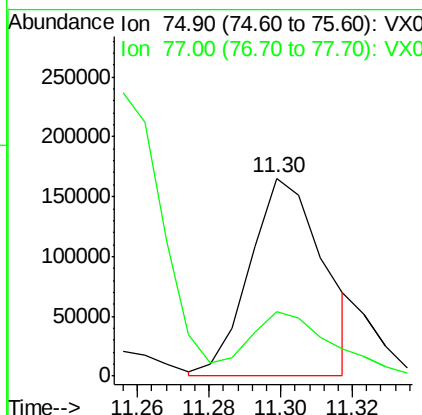
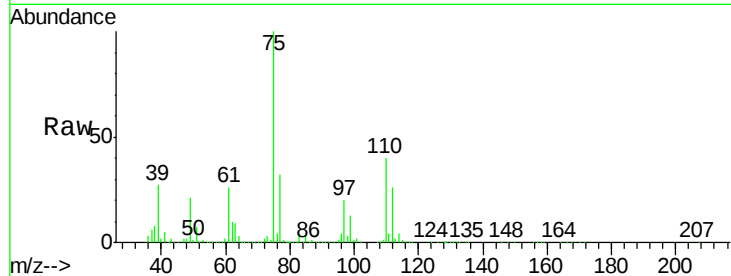
#76
 1,2,3-Trichloropropane
 Concen: 57.006 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142MSD

Tot Ion: 75 Resp: 235690
 Ion Ratio Lower Upper
 75 100
 77 36.6 22.8 68.3

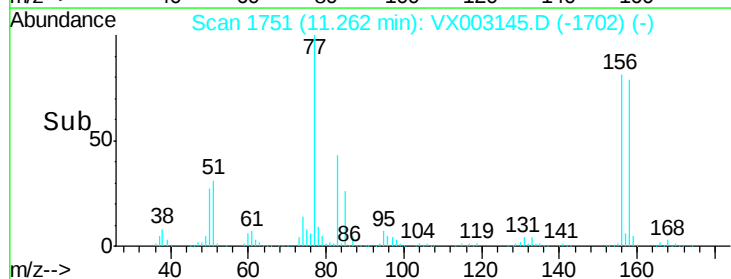
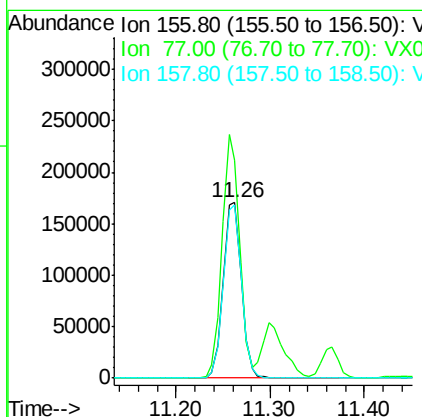
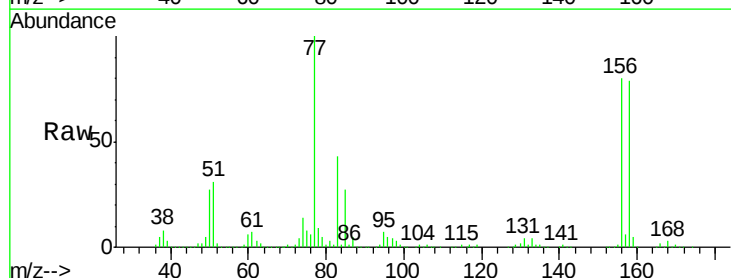
Manual Integrations
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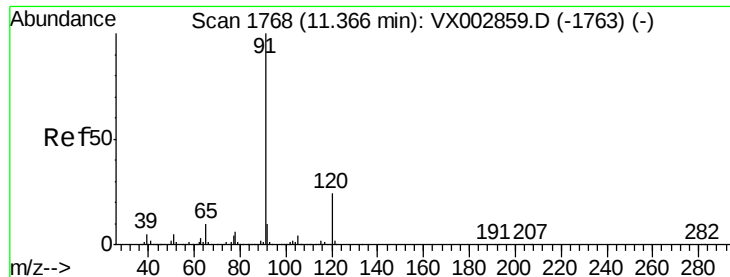
sam
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#77
 Bromobenzene
 Concen: 52.226 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Tgt Ion: 156 Resp: 228371
 Ion Ratio Lower Upper
 156 100
 77 133.2 71.4 214.2
 158 98.1 48.9 146.6





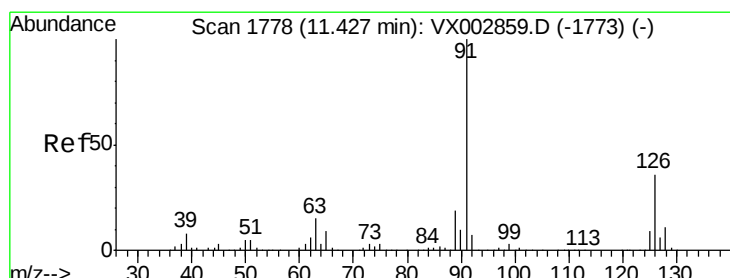
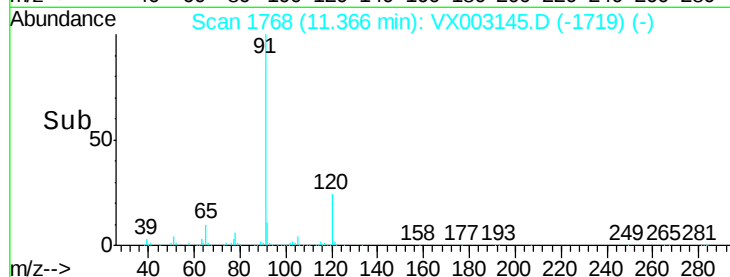
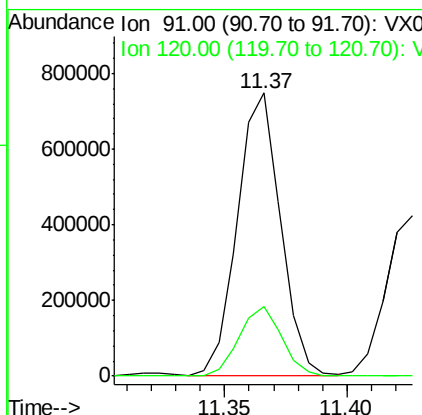
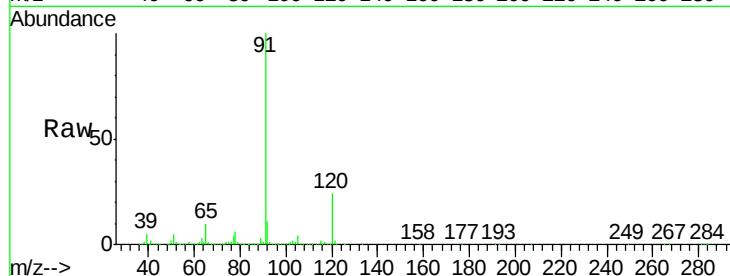
#78
n-propylbenzene
Concen: 52.149 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Instrument :
MSVOA_X
ClientSampled :
S10-0142MSD

Tot Ion: 91 Resp: 911469
Ion Ratio Lower Upper
91 100
120 24.5 11.8 35.4

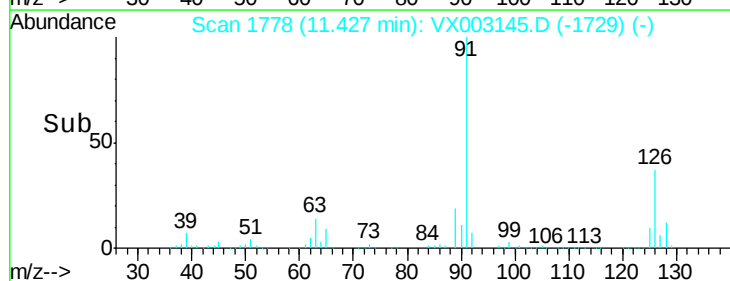
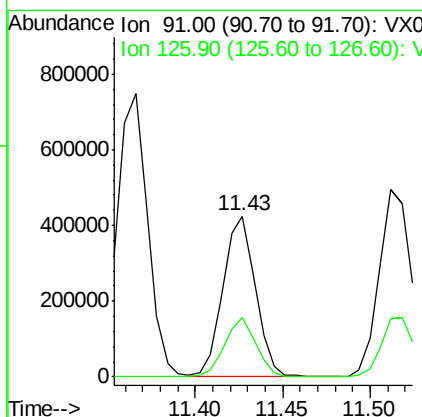
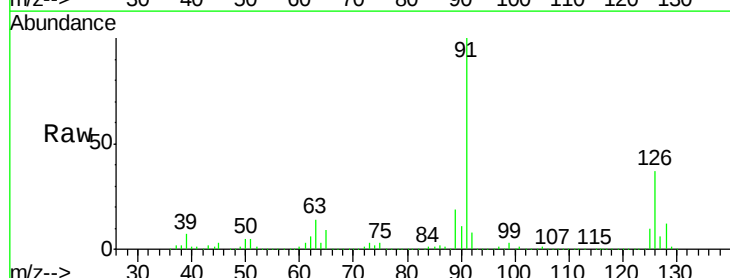
Manual Integrations
APPROVED

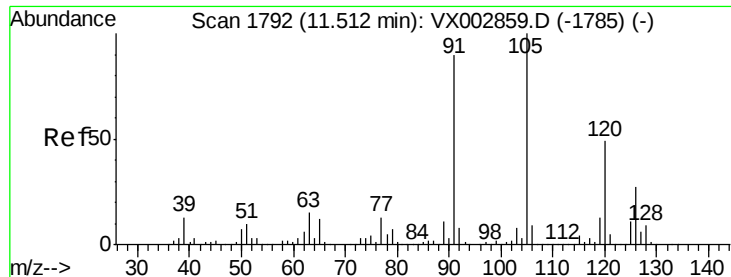
sam
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#79
2-Chlorotoluene
Concen: 51.590 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion: 91 Resp: 545909
Ion Ratio Lower Upper
91 100
126 35.8 17.7 53.1





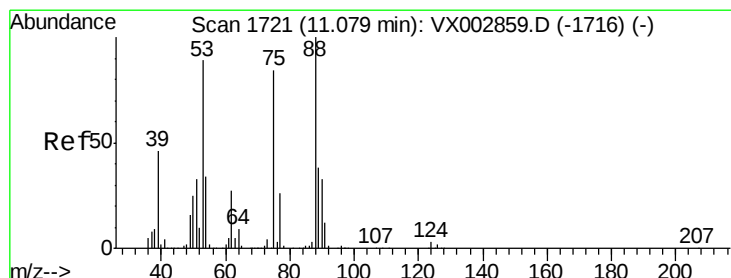
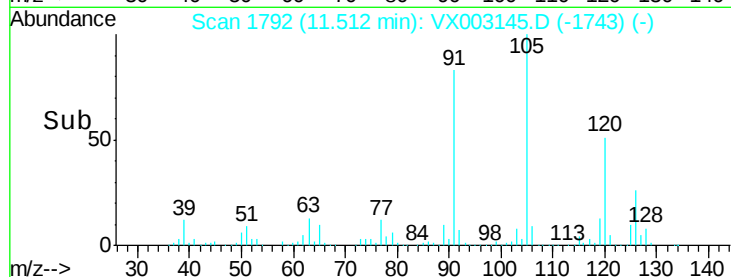
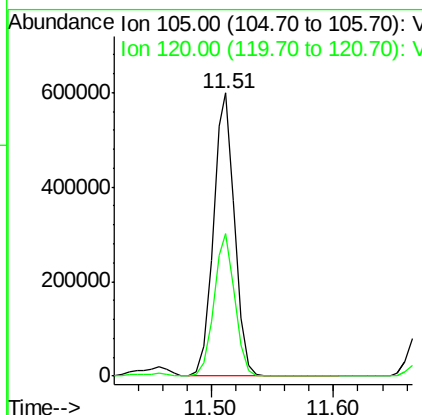
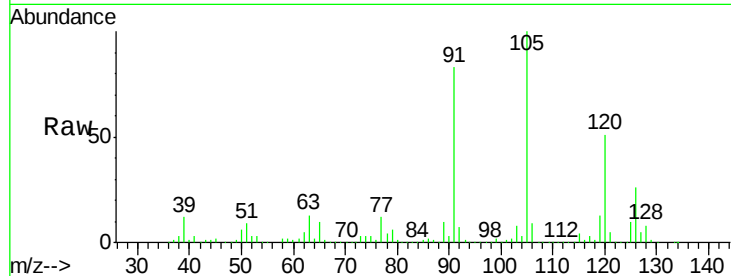
#80
 1,3,5-Trimethylbenzene
 Concen: 55.713 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142MSD

Tot Ion:105 Resp: 720522
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.4

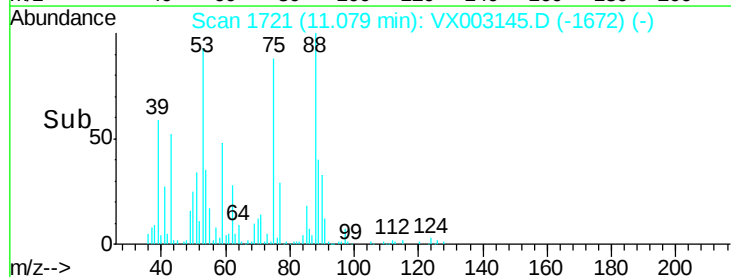
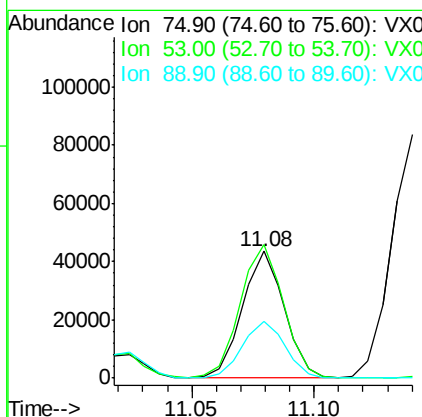
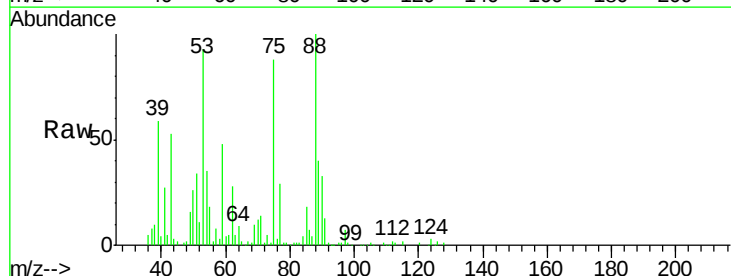
Manual Integrations
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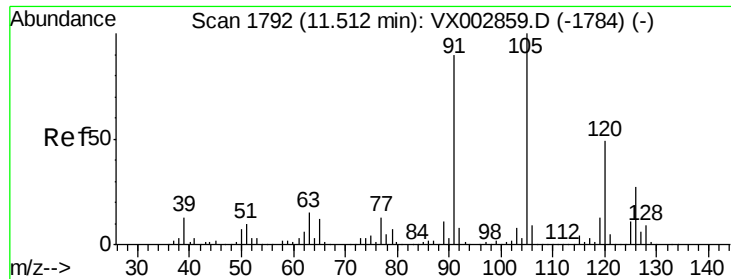
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 37.049 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Tgt Ion: 75 Resp: 51464
 Ion Ratio Lower Upper
 75 100
 53 109.0 86.8 130.2
 89 45.9 38.2 57.2





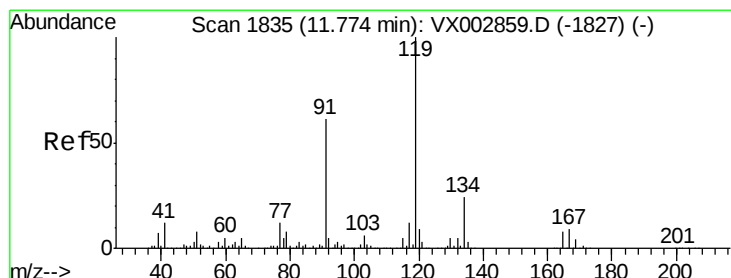
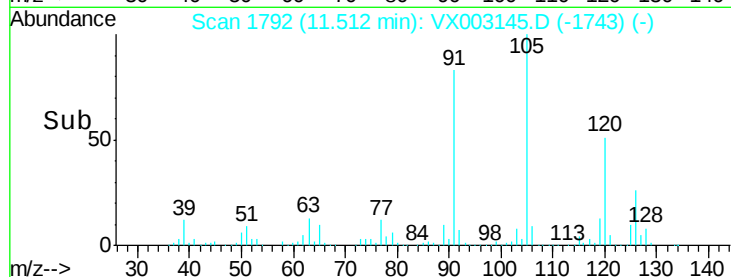
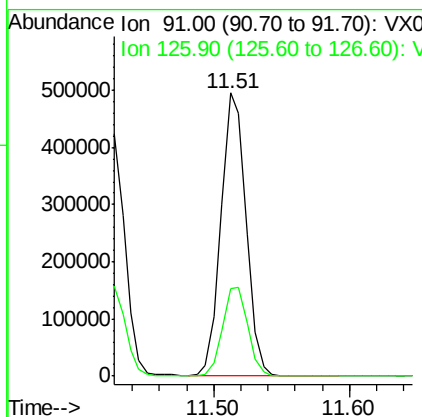
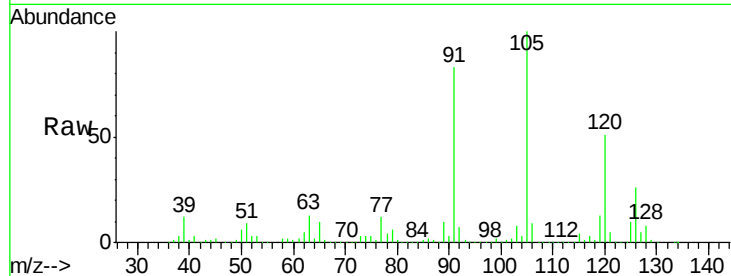
#82
4-Chlorotoluene
Concen: 50.380 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Instrument :
MSVOA_X
ClientSampled :
S10-0142MSD

Tot Ion: 91 Resp: 631125
Ion Ratio Lower Upper
91 100
126 31.9 15.4 46.4

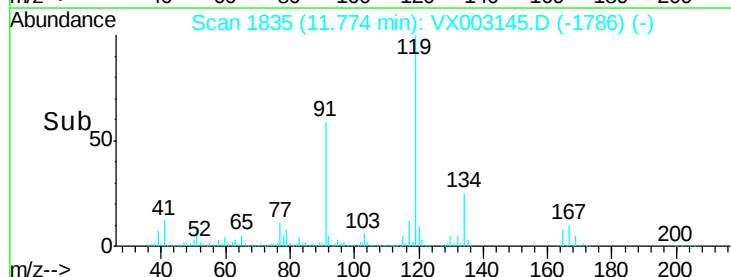
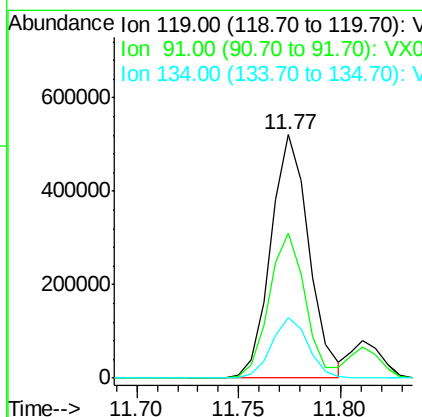
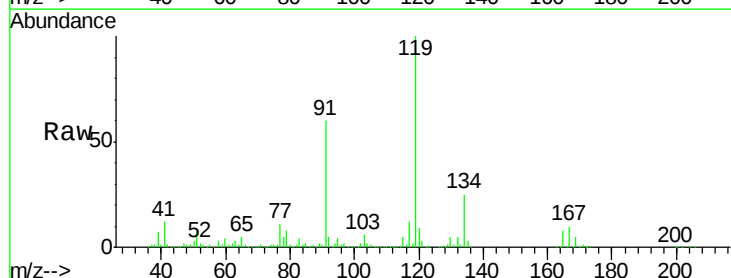
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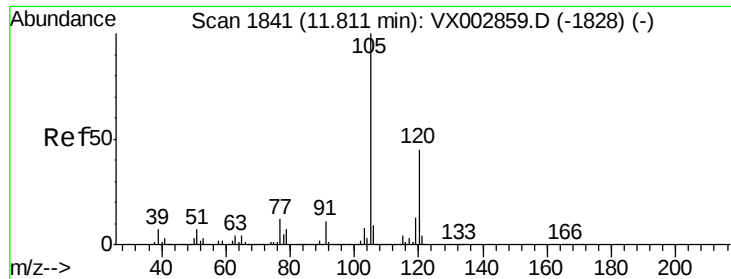
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#83
tert-Butylbenzene
Concen: 53.382 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion: 119 Resp: 680384
Ion Ratio Lower Upper
119 100
91 57.0 30.3 90.9
134 23.8 11.7 35.1





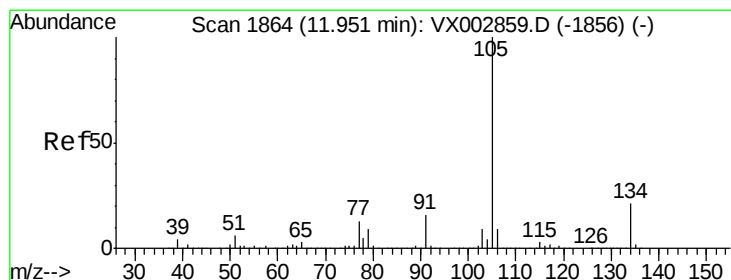
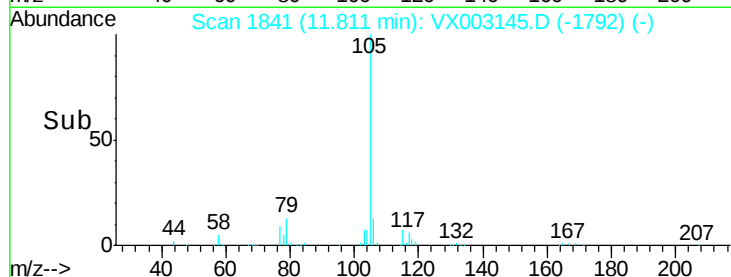
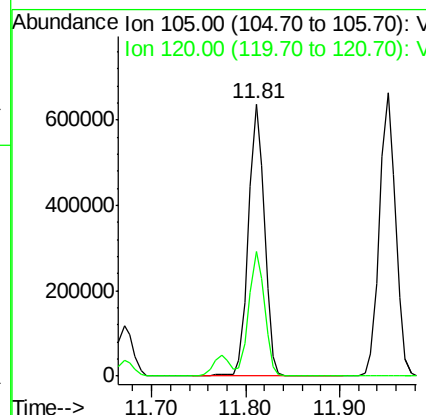
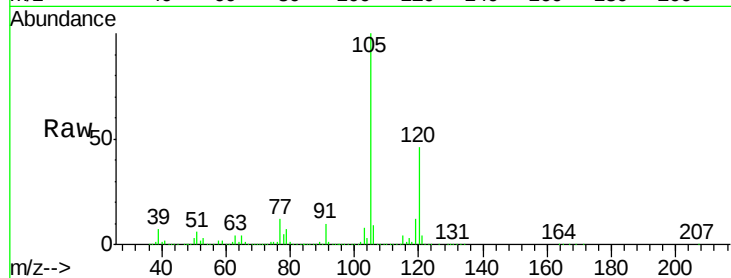
#84
 1,2,4-Trimethylbenzene
 Concen: 56.341 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.3	66.8

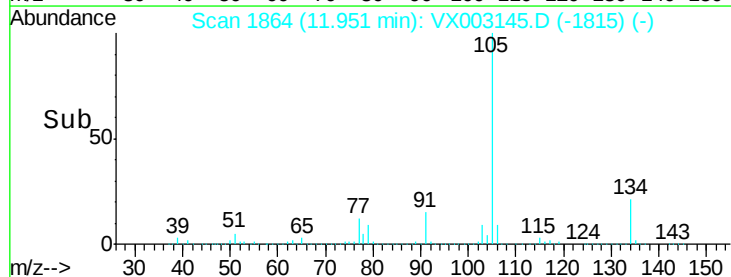
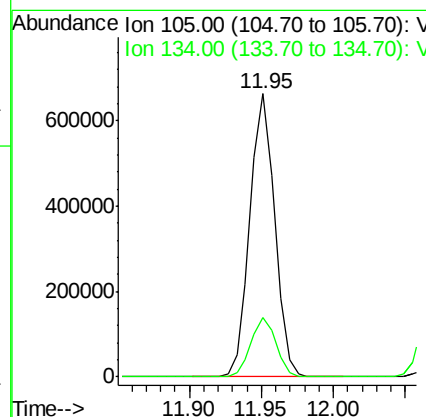
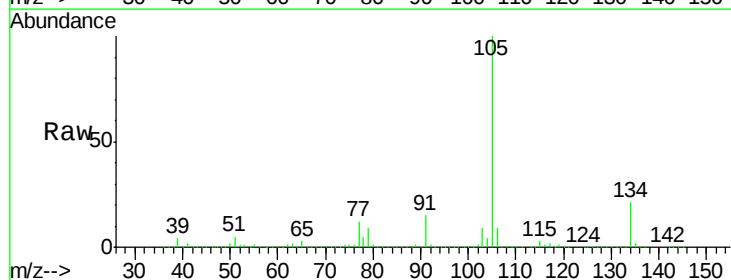
Manual Integrations
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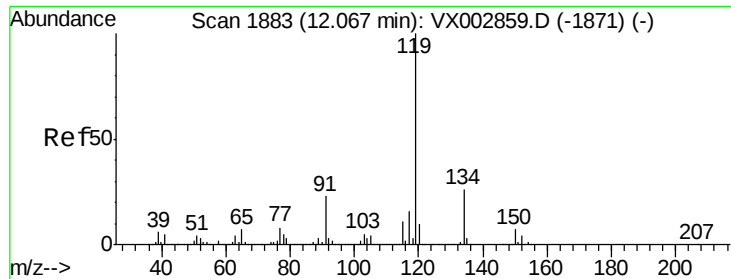
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#85
 sec-Butylbenzene
 Concen: 51.141 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.4	31.1





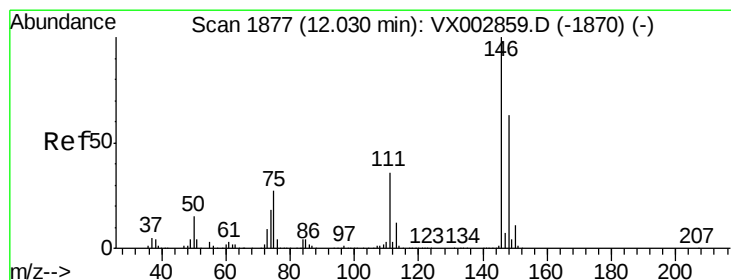
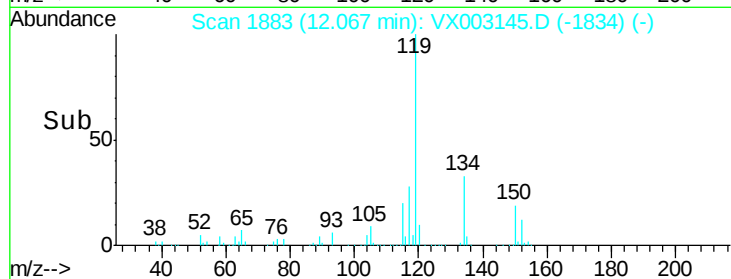
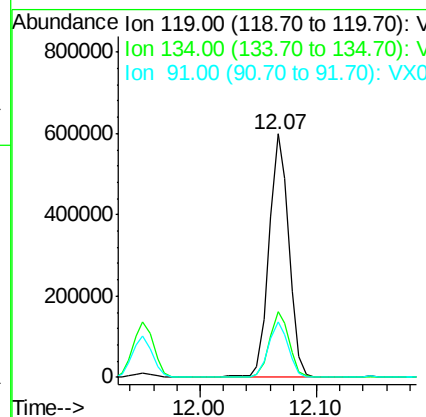
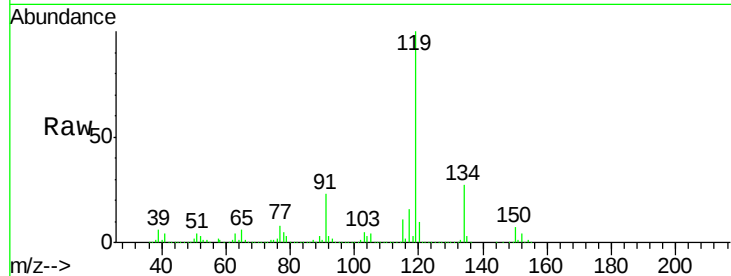
#86
p-Isopropyltoluene
Concen: 51.289 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Instrument :
MSVOA_X
ClientSampleId :
S10-0142MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	712981		
134	27.0		13.4	40.1
91	22.9		11.9	35.7

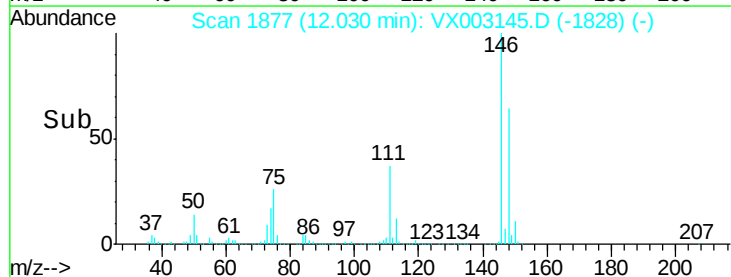
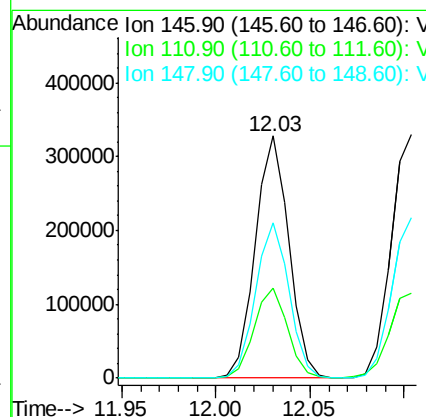
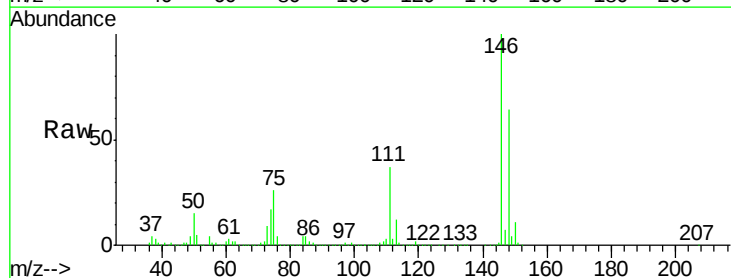
Manual Integrations
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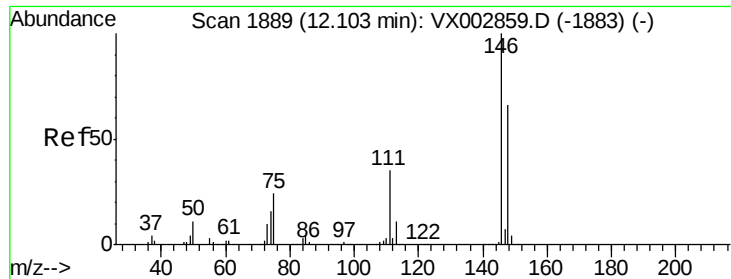
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#87
1,3-Dichlorobenzene
Concen: 50.618 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX003145.D
Acq: 03 Jul 2018 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	404257		
111	37.2		18.9	56.7
148	64.0		32.1	96.3





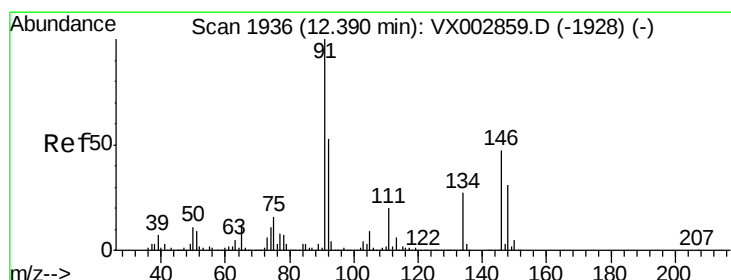
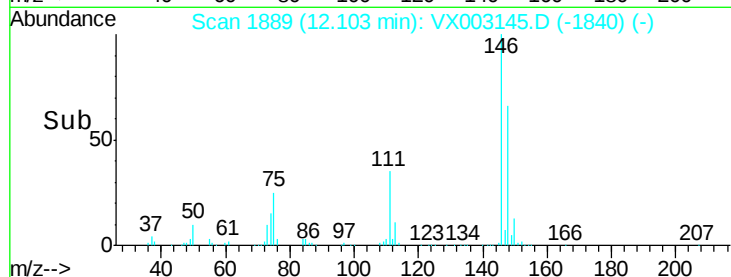
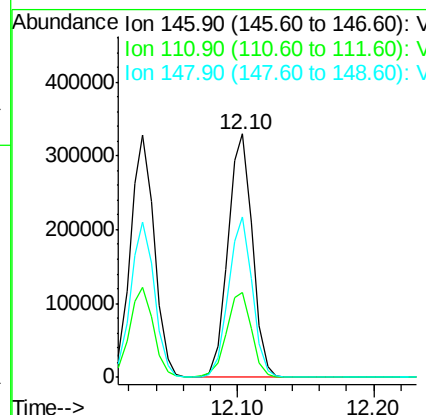
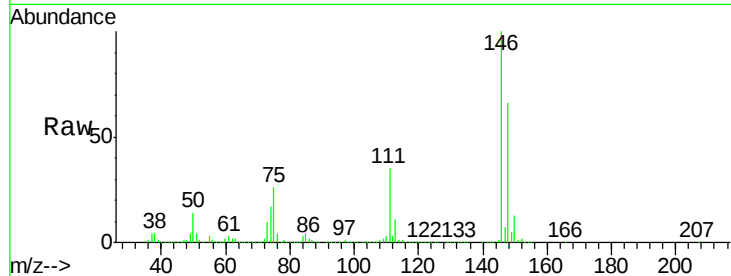
#88
 1,4-Dichlorobenzene
 Concen: 49.685 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.7	56.1
148	64.2	32.4	97.0

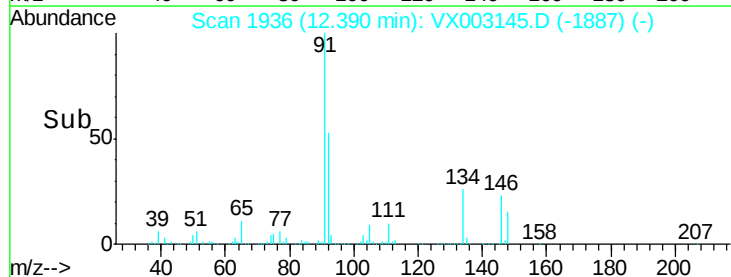
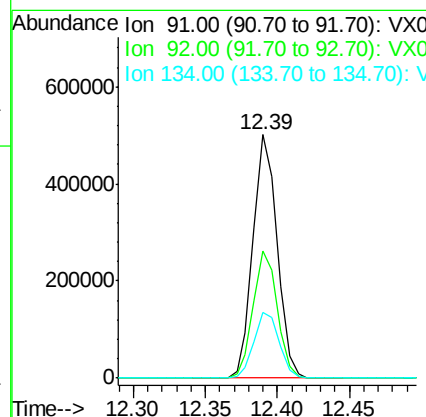
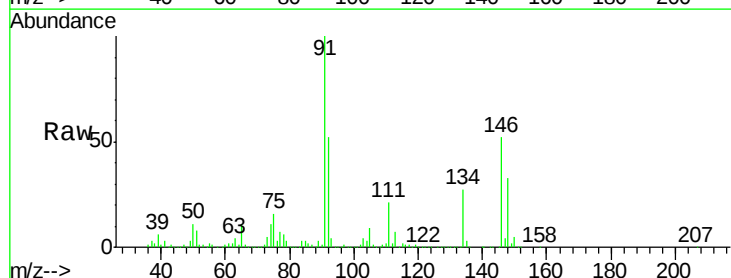
Manual Integrations
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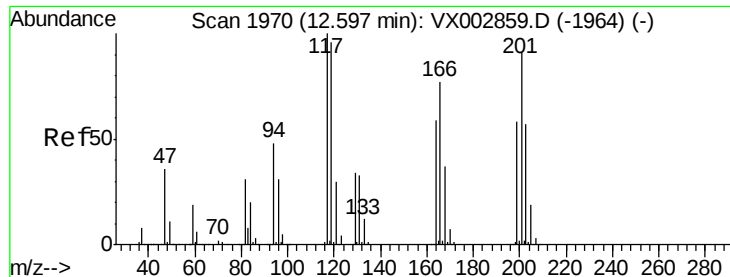
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#89
 n-Butylbenzene
 Concen: 47.754 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.0	78.0
134	28.0	13.5	40.5





#90

Hexachloroethane

Concen: 55.593 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

ClientSampled :

S10-0142MSD

Tot Ion:117 Resp: 114948

Ion Ratio Lower Upper

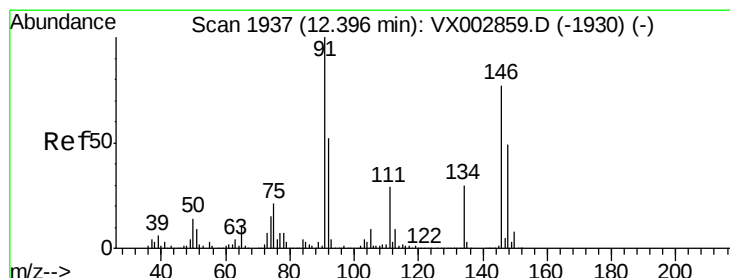
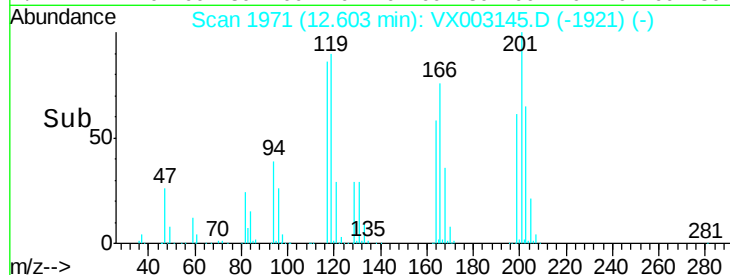
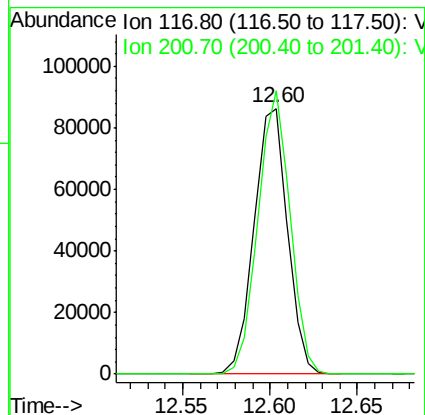
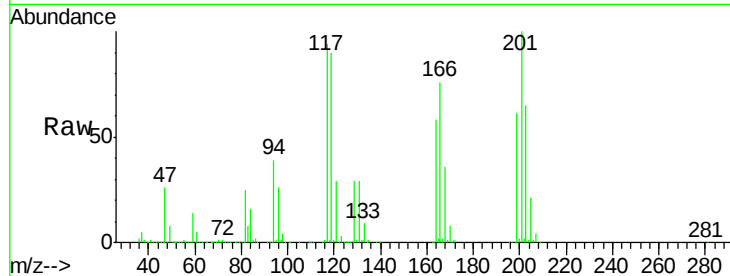
117 100

201 101.9 49.0 147.0

Manual Integrations
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#91

1,2-Dichlorobenzene

Concen: 50.905 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

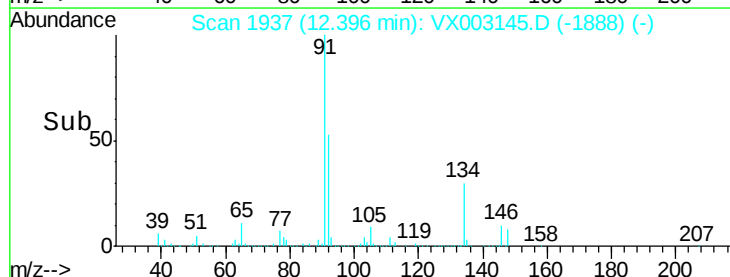
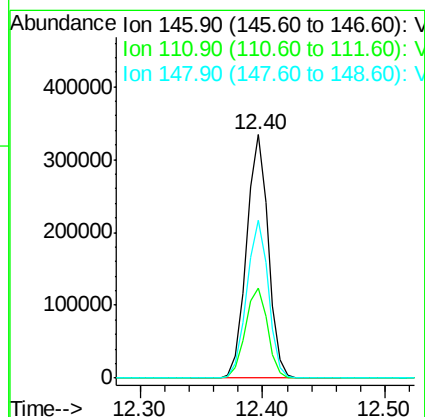
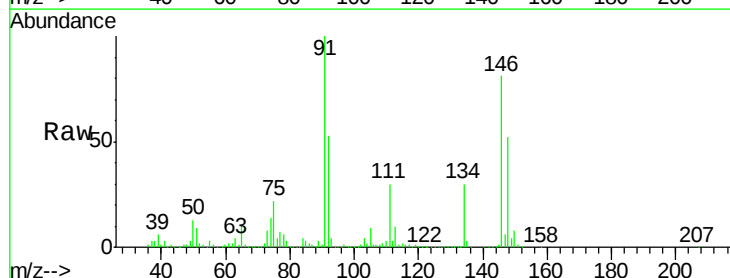
Tgt Ion:146 Resp: 410333

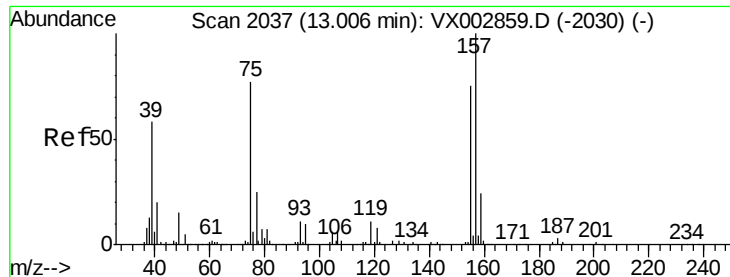
Ion Ratio Lower Upper

146 100

111 37.9 19.4 58.1

148 64.7 31.7 95.1





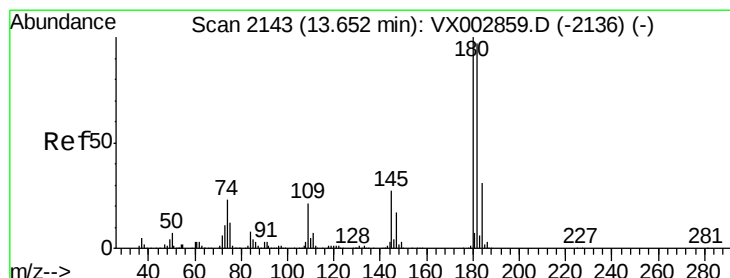
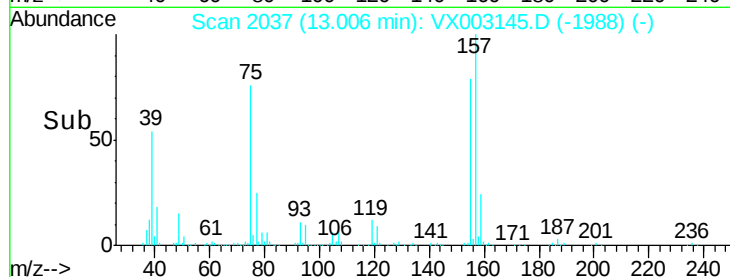
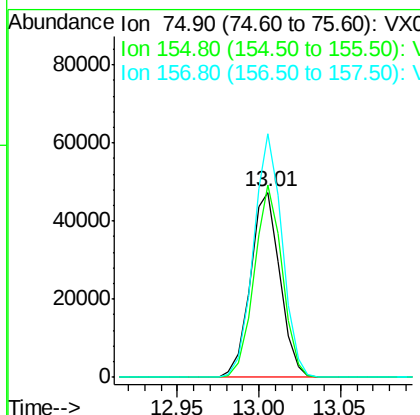
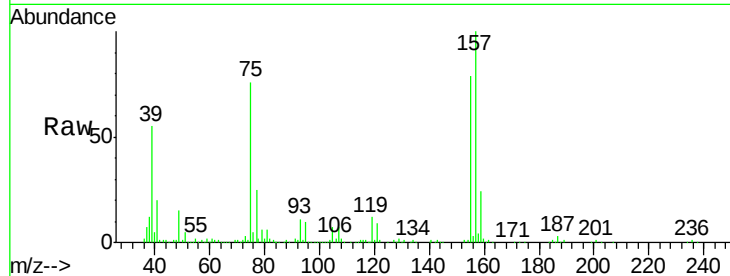
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.173 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	98.6	45.8	137.4
157	127.5	60.1	180.3

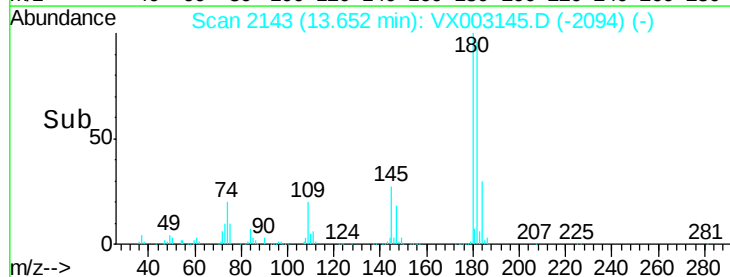
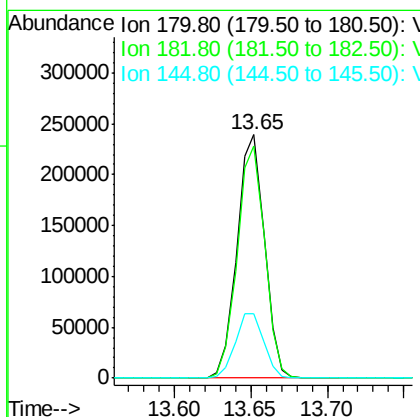
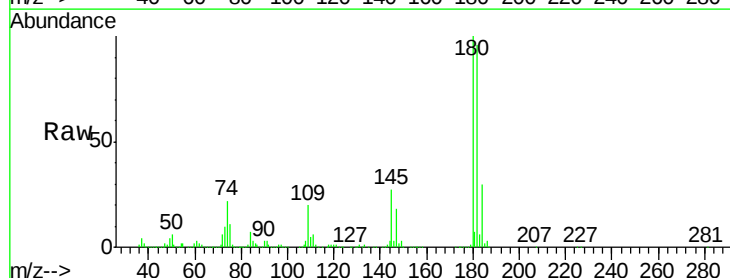
Manual Integrations
 APPROVED

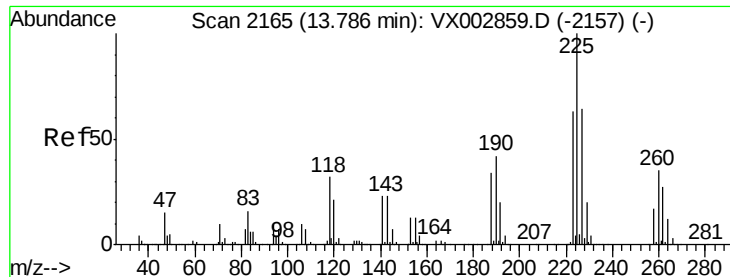
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#93
 1,2,4-Trichlorobenzene
 Concen: 50.633 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.7	143.1
145	27.8	14.1	42.4





#94

Hexachlorobutadiene

Concen: 47.078 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Instrument :

MSVOA_X

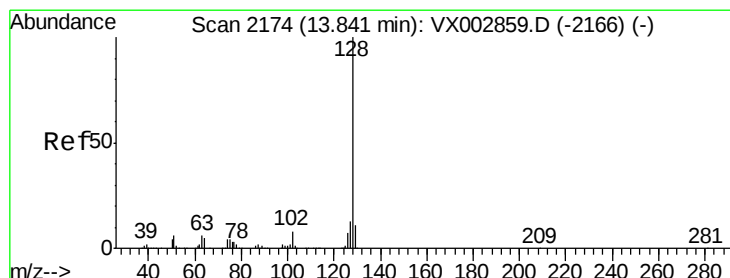
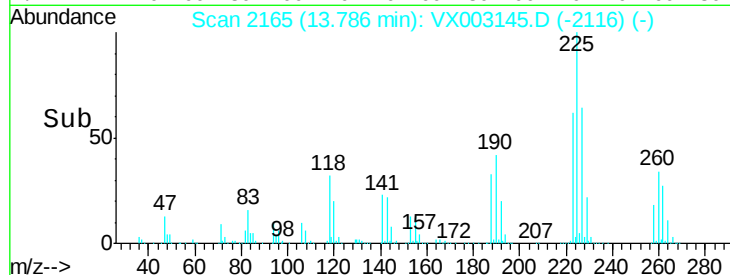
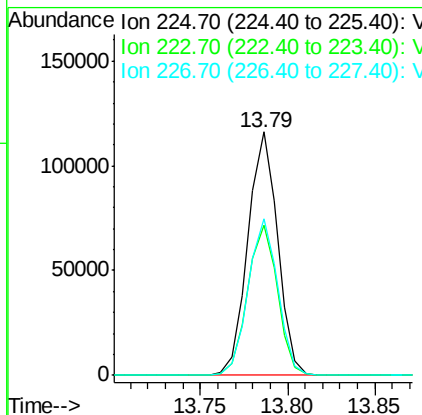
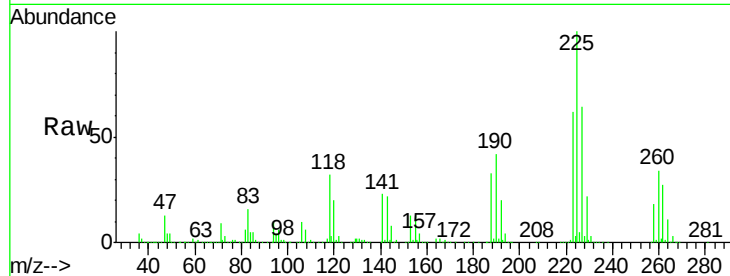
ClientSampled :

S10-0142MSD

Tot Ion:	225	Resp:	137744
Ion Ratio		Lower	Upper
225	100		
223	62.1	31.6	95.0
227	64.0	32.4	97.2

Manual Integrations
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sam
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#95

Naphthalene

Concen: 56.748 ug/l

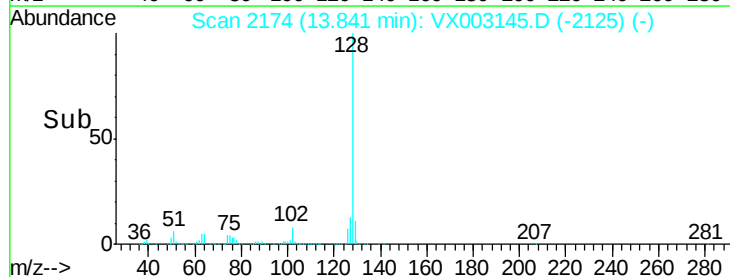
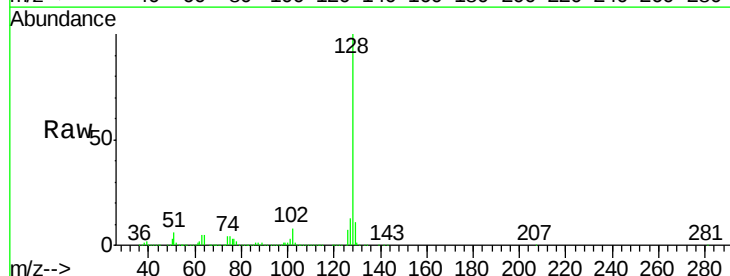
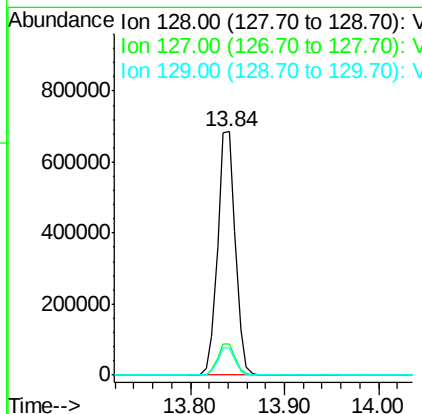
RT: 13.84 min Scan# 2174

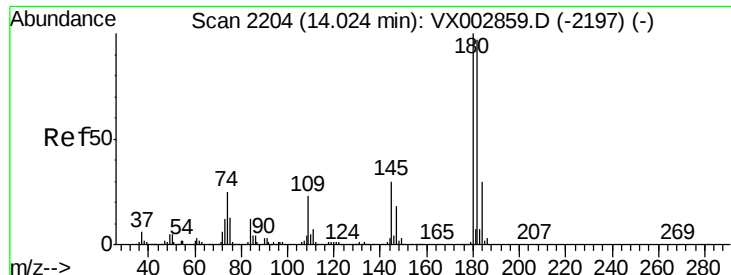
Delta R.T. 0.00 min

Lab File: VX003145.D

Acq: 03 Jul 2018 13:37

Tgt Ion:	128	Resp:	886674
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.1	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 52.910 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003145.D
 Acq: 03 Jul 2018 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.8	48.0	144.0
145	29.2	14.8	44.3

Manual Integrations
 APPROVED

sam
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