

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005916.D
 Acq On : 12 Nov 2018 22:13
 Operator : JC/MD
 Sample : J5912-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW273-181108MSD

Manual Integrations
 APPROVED

MMDadoda
 11/13/2018 12:19:17 PM

Quant Time: Nov 13 06:28:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	100149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	144935	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	136079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	75940	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	61485	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
35) Dibromofluoromethane	5.50	113	49991	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	8.71	98	178736	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	
62) 4-Bromofluorobenzene	11.14	95	67073	56.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44582	49.373	ug/l	99
3) Chloromethane	1.32	50	56638	47.795	ug/l	99
4) Vinyl Chloride	1.41	62	58340	49.040	ug/l	100
5) Bromomethane	1.64	94	37768	51.878	ug/l	100
6) Chloroethane	1.71	64	37381	52.662	ug/l	95
7) Trichlorofluoromethane	1.93	101	82961	52.537	ug/l	98
8) Diethyl Ether	2.19	74	32999	53.331	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	47555	52.362	ug/l	100
10) Methyl Iodide	2.51	142	67015	60.883	ug/l	95
11) Tert butyl alcohol	3.07	59	81627	247.490	ug/l	100
12) 1,1-Dichloroethene	2.37	96	44778	50.585	ug/l	87
13) Acrolein	2.29	56	62130	383.953	ug/l	97
14) Allyl chloride	2.73	41	104379	52.796	ug/l	97
15) Acrylonitrile	3.15	53	175812	257.218	ug/l	99
16) Acetone	2.45	43	158663	255.945	ug/l	97
17) Carbon Disulfide	2.57	76	131055	49.635	ug/l	99
18) Methyl Acetate	2.78	43	92557	55.889	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	169736	56.180	ug/l	93
20) Methylene Chloride	2.85	84	52998	52.045	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	47730	51.121	ug/l	93
22) Diisopropyl ether	3.87	45	176981	51.101	ug/l	94
23) Vinyl Acetate	3.82	43	760757	256.191	ug/l	99
24) 1,1-Dichloroethane	3.70	63	97147	52.576	ug/l	98
25) 2-Butanone	4.70	43	240094	246.351	ug/l	95
26) 2,2-Dichloropropane	4.58	77	61279	45.211	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	53657	52.046	ug/l	98
28) Bromochloromethane	5.03	49	46521	56.335	ug/l	97
29) Tetrahydrofuran	5.16	42	159933	255.579	ug/l	99
30) Chloroform	5.22	83	91312	51.222	ug/l	86
31) Cyclohexane	5.58	56	83295	51.932	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	79354	53.368	ug/l	99
36) 1,1-Dichloropropene	5.80	75	67518	48.324	ug/l	100
37) Ethyl Acetate	4.85	43	83861	45.642	ug/l	99
38) Carbon Tetrachloride	5.78	117	70648	50.507	ug/l	93

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	74955	52.930	ug/l	96
40) Benzene	6.15	78	198741	48.793	ug/l	100
41) Methacrylonitrile	5.06	41	49434	49.792	ug/l	99
42) 1,2-Dichloroethane	6.20	62	73301	50.244	ug/l	100
43) Isopropyl Acetate	6.46	43	127468	47.878	ug/l	98
44) Trichloroethene	7.21	130	52482	50.737	ug/l	100
45) 1,2-Dichloropropane	7.52	63	53264	53.876	ug/l	99
46) Dibromomethane	7.66	93	33729	54.369	ug/l	99
47) Bromodichloromethane	7.90	83	66404	56.638	ug/l	99
48) Methyl methacrylate	7.77	41	68438	57.249	ug/l	99
49) 1,4-Dioxane	7.75	88	27591	1071.072	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	456251	271.915	ug/l	100
52) Toluene	8.79	92	120697	53.020	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	73829	53.361	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	77114	54.683	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	50364	49.641	ug/l	99
56) Ethyl methacrylate	9.18	69	80336	52.921	ug/l	99
57) 1,3-Dichloropropane	9.37	76	86040	50.465	ug/l	99
59) 2-Hexanone	9.49	43	357678	241.836	ug/l	99
60) Dibromochloromethane	9.59	129	54667	49.857	ug/l	99
61) 1,2-Dibromoethane	9.67	107	52967	47.213	ug/l	99
64) Tetrachloroethene	9.34	164	53160	45.884	ug/l	99
65) Chlorobenzene	10.14	112	139315	51.104	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	50951	53.760	ug/l	99
67) Ethyl Benzene	10.25	91	236689	54.145	ug/l	100
68) m/p-Xylenes	10.36	106	181251	108.702	ug/l	99
69) o-Xylene	10.70	106	87627	58.607	ug/l	99
70) Stvrene	10.71	104	146146	59.253	ug/l	99
71) Bromoform	10.86	173	45365	57.100	ug/l #	99
73) Isopropylbenzene	11.02	105	241576	55.010	ug/l	100
74) N-amyl acetate	10.90	43	118544	48.157	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	82819	51.380	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	78326m	50.654	ug/l	
77) Bromobenzene	11.26	156	64312	51.957	ug/l	99
78) n-propylbenzene	11.36	91	276337	53.393	ug/l	99
79) 2-Chlorotoluene	11.42	91	166217	53.134	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	204864	54.896	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	24687	50.884	ug/l	95
82) 4-Chlorotoluene	11.51	91	196069	53.181	ug/l	100
83) tert-Butylbenzene	11.77	119	202692	53.687	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	211703	51.407	ug/l	99
85) sec-Butylbenzene	11.94	105	242731	52.575	ug/l	99
86) p-Isopropyltoluene	12.07	119	218185	53.353	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	118255	49.781	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	124146	51.051	ug/l	100
89) n-Butylbenzene	12.39	91	191531	50.534	ug/l	100
90) Hexachloroethane	12.60	117	36203	53.024	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	133491	56.095	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20500	52.118	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	89184	53.236	ug/l	100

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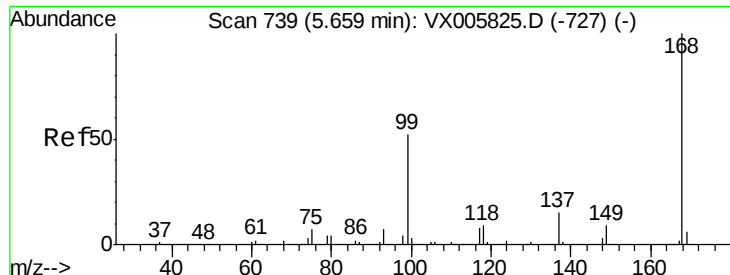
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	41731	47.421	ug/l	100
95) Naphthalene	13.83	128	278742	50.996	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	91233	53.455	ug/l	99

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



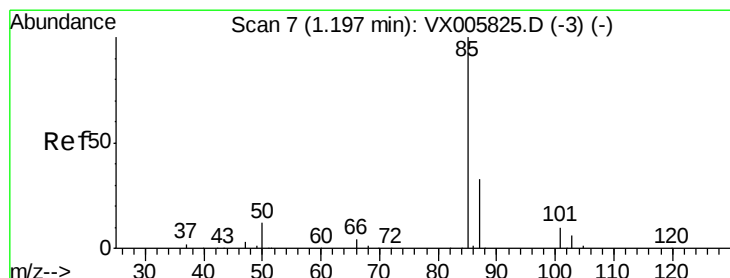
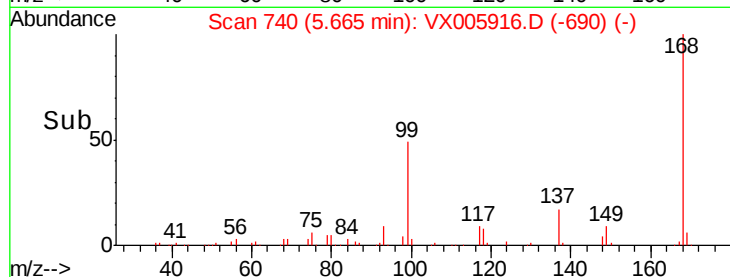
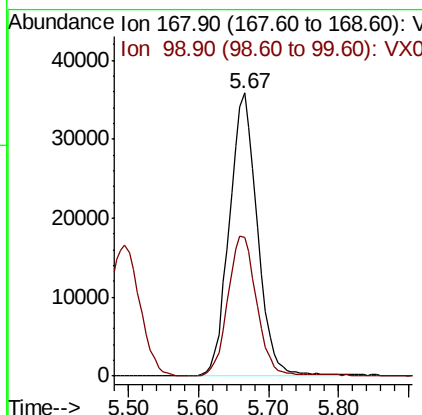
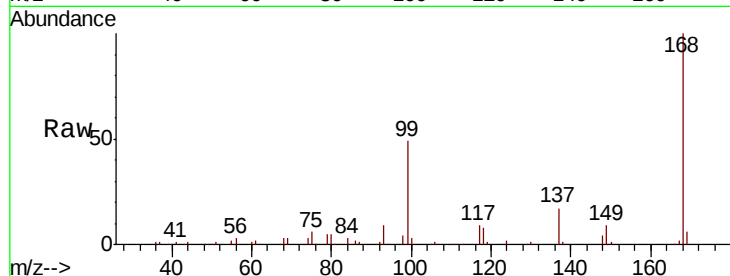
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Instrument :
MSVOA_X
ClientSampleId :
SS003MW273-181108MSD

Tot Ion:168 Resp: 100149
Ion Ratio Lower Upper
168 100
99 48.9 40.7 61.1

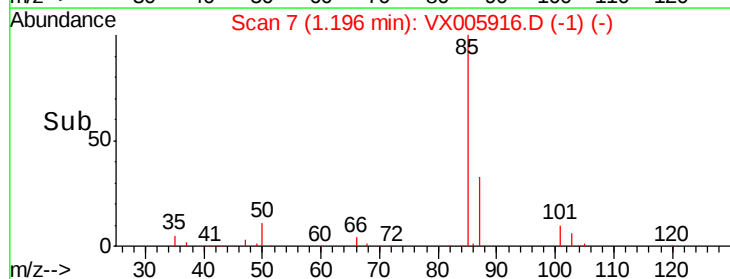
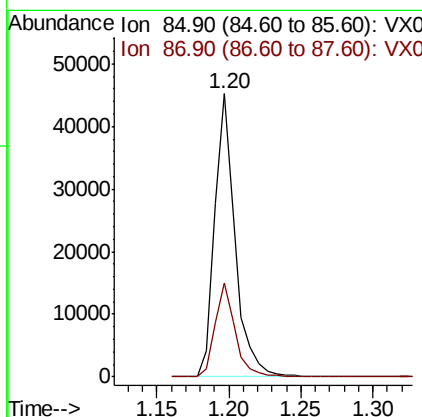
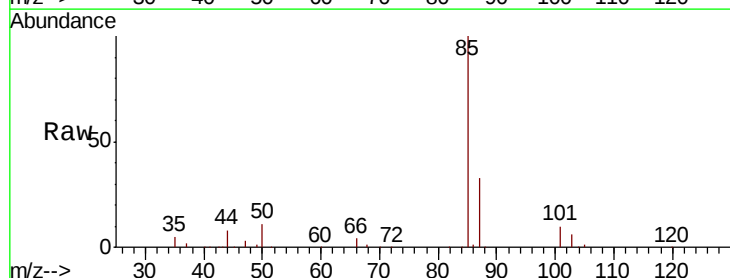
Manual Integrations
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#2
Dichlorodifluoromethane
Concen: 49.373 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 85 Resp: 44582
Ion Ratio Lower Upper
85 100
87 33.4 16.3 48.9





#3

Chloromethane

Concen: 47.795 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Instrument :

MSVOA_X

ClientSampleId :

SS003MW273-181108MSD

Tot Ion: 50 Resp: 56638

Ion Ratio Lower Upper

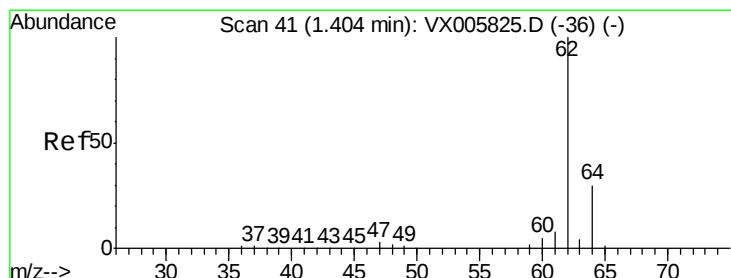
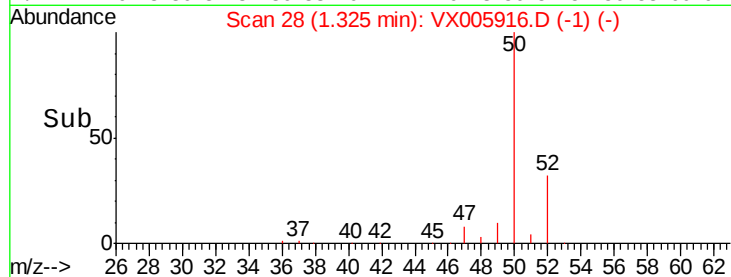
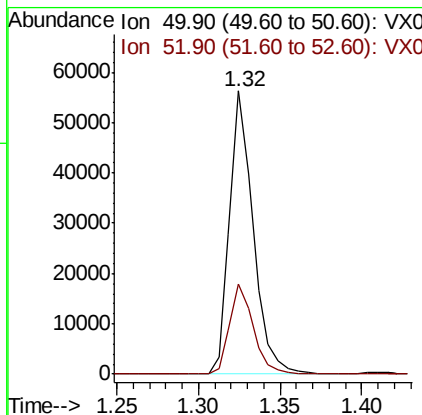
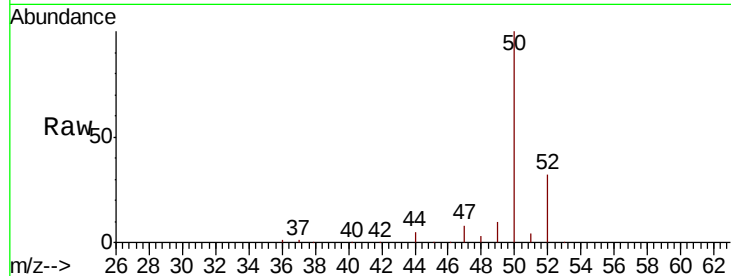
50 100

52 31.9 26.2 39.2

Manual Integrations
APPROVED

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#4

Vinyl Chloride

Concen: 49.040 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005916.D

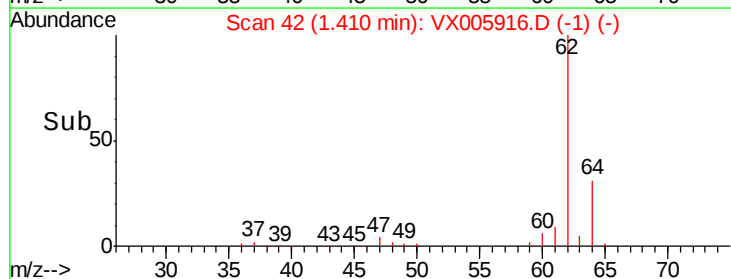
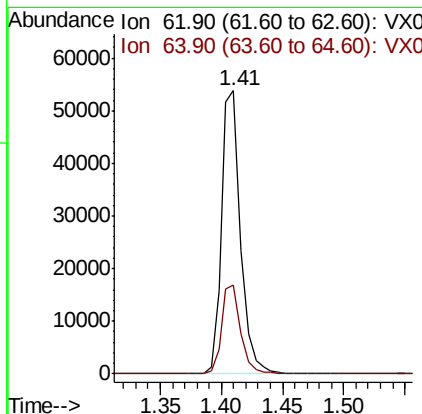
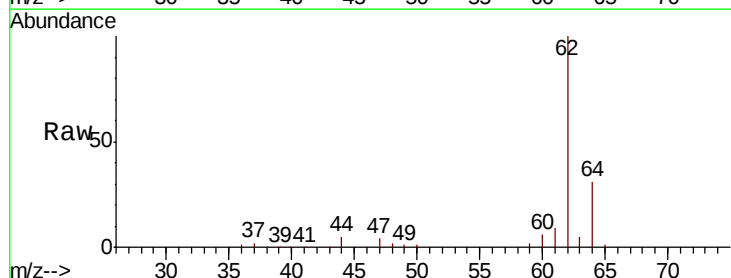
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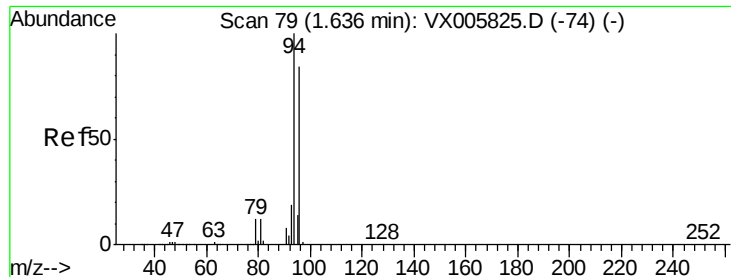
Tgt Ion: 62 Resp: 58340

Ion Ratio Lower Upper

62 100

64 31.4 25.3 37.9





#5

Bromomethane

Concen: 51.878 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Instrument :

MSVOA_X

ClientSampleId :

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Tot Ion: 94 Resp: 37768

Ion Ratio Lower Upper

94 100

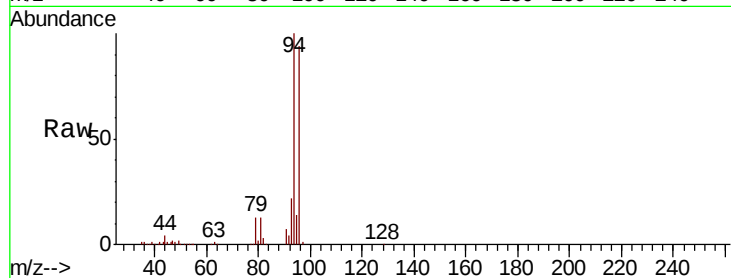
96 93.8 75.2 112.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

40000

30000

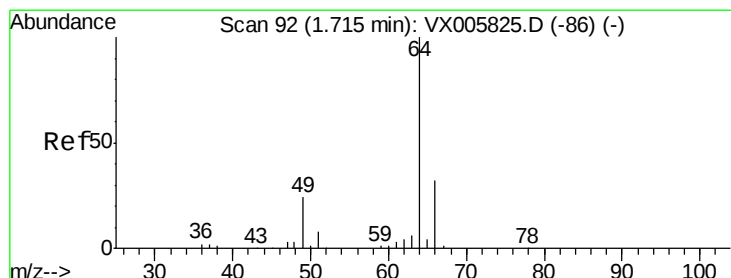
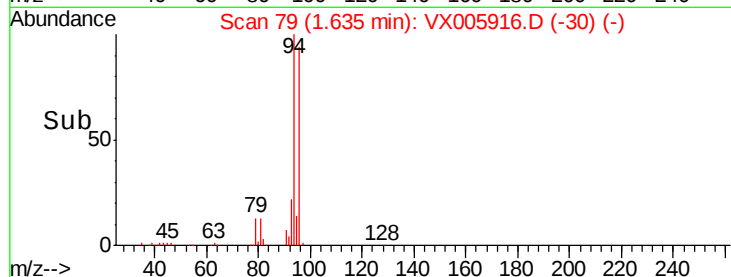
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10000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 52.662 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005916.D

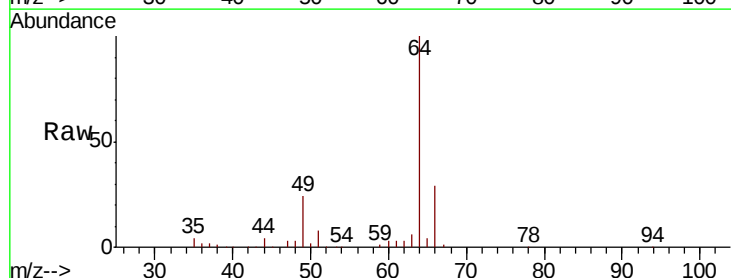
Acq: 12 Nov 2018 22:13

Tgt Ion: 64 Resp: 37381

Ion Ratio Lower Upper

64 100

66 29.2 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

30000

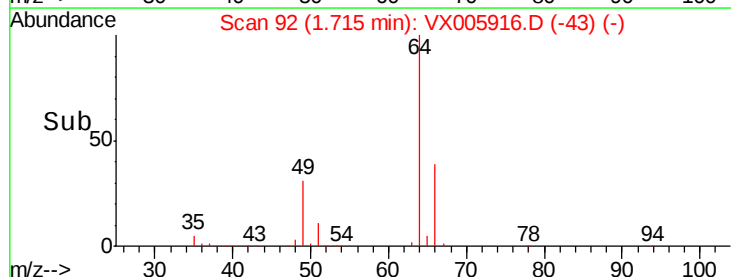
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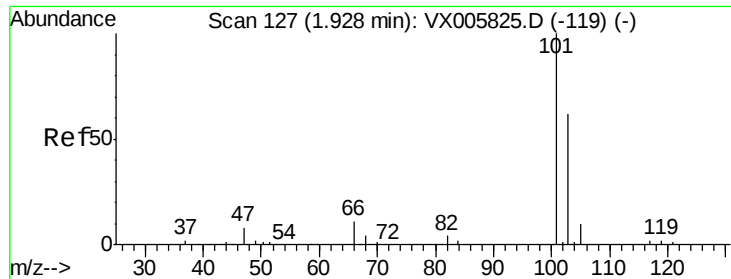
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0

1.65 1.70 1.75 1.80

Time-->





#7

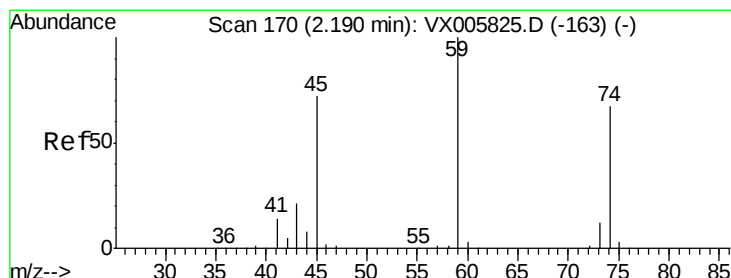
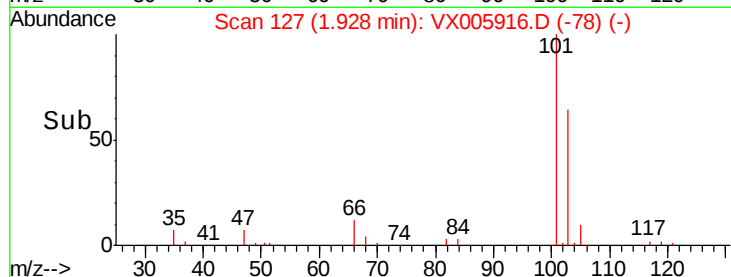
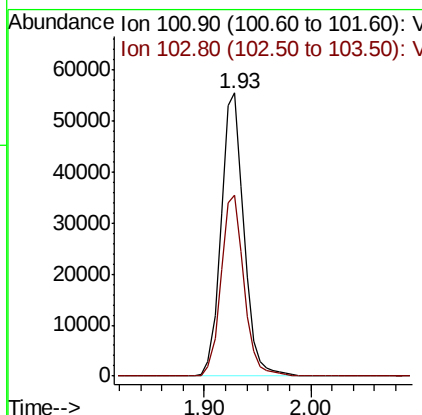
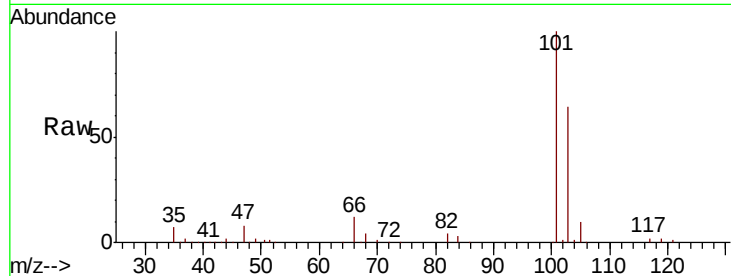
Trichlorofluoromethane
Concen: 52.537 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	50.0	75.0

Manual Integrations
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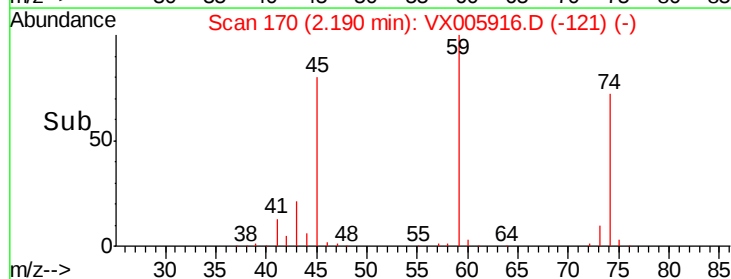
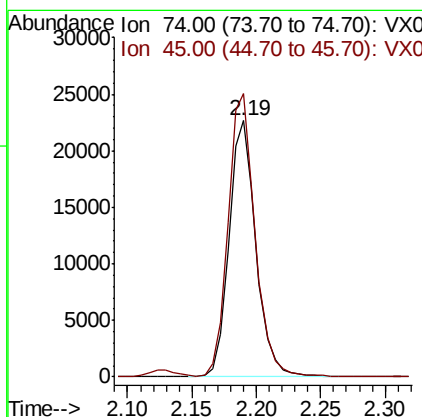
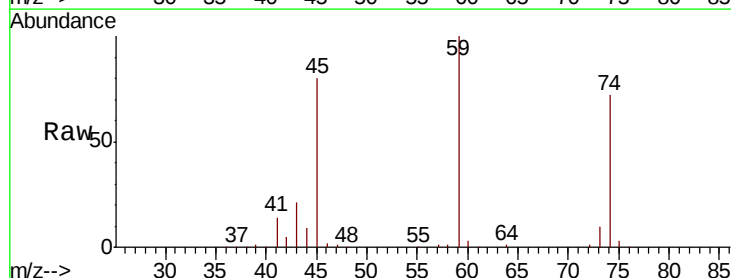
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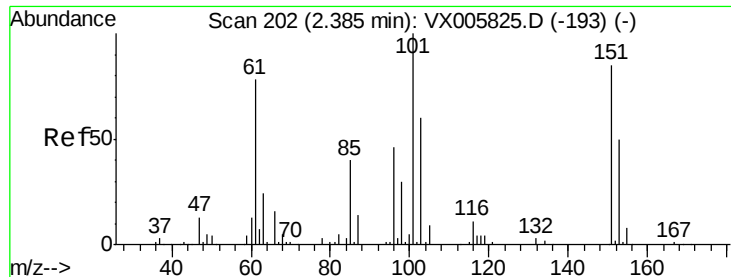


#8

Diethyl Ether
Concen: 53.331 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.7	54.1	162.3





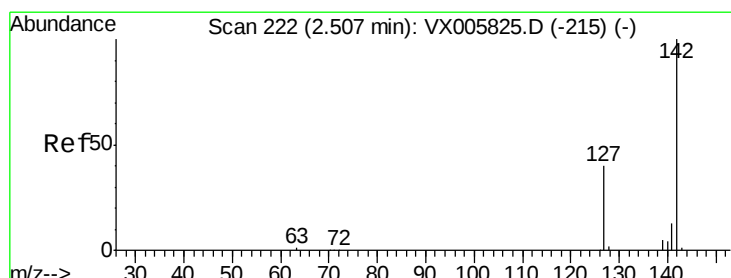
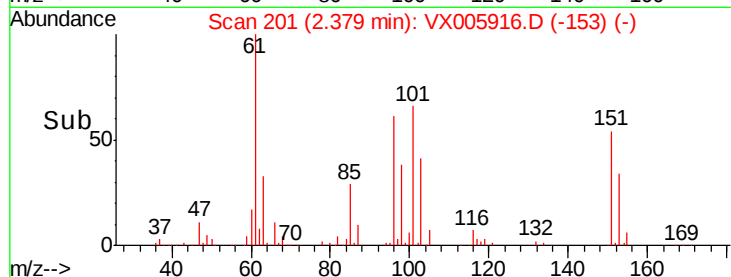
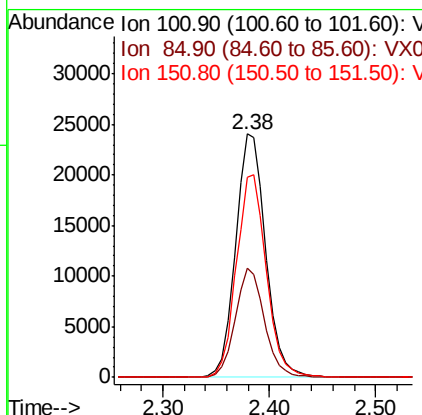
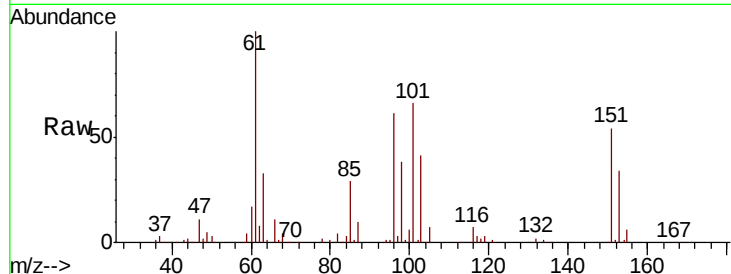
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.362 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.01 min
Lab File: VX005916.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	47555		
85	43.4	35.0	52.4	
151	83.0	66.2	99.2	

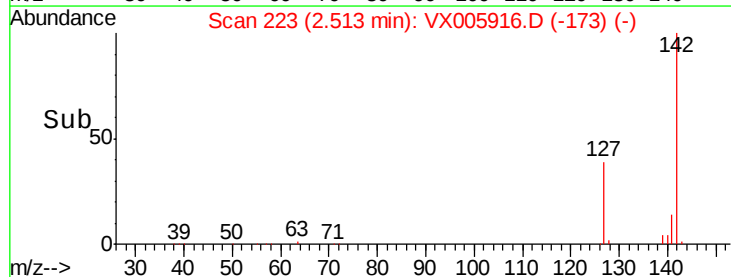
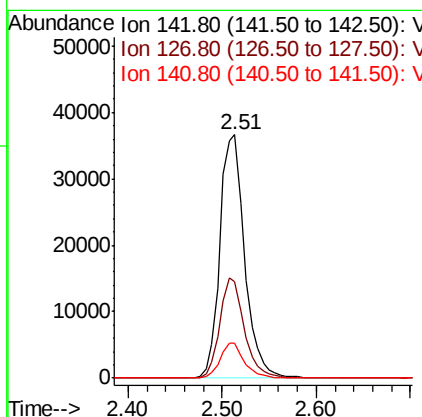
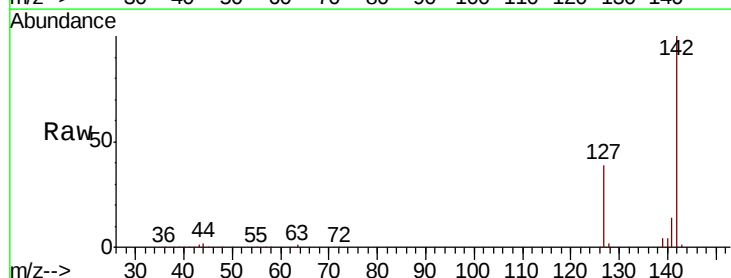
Manual Integrations
APPROVED

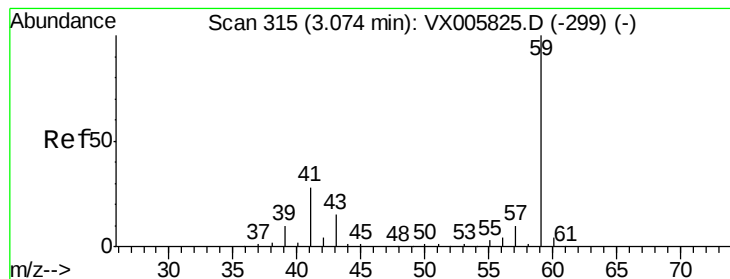
MMDadoda
11/13/2018 12:19:17 PM



#10
Methyl Iodide
Concen: 60.883 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	67015		
127	40.8	36.0	54.0	
141	14.0	11.7	17.5	





#11

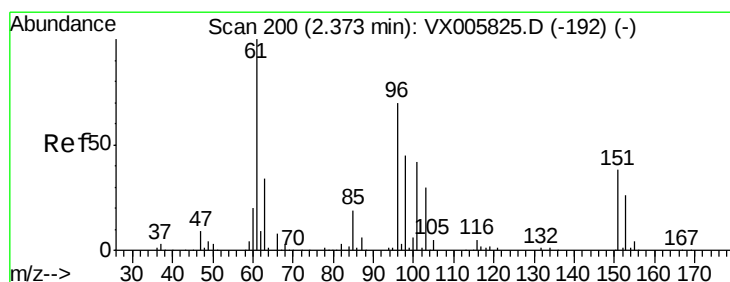
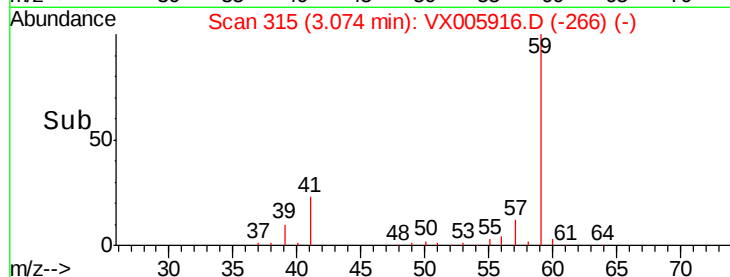
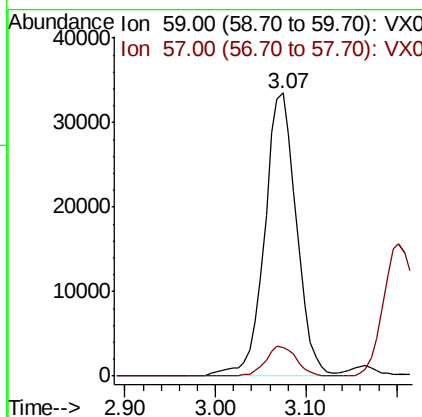
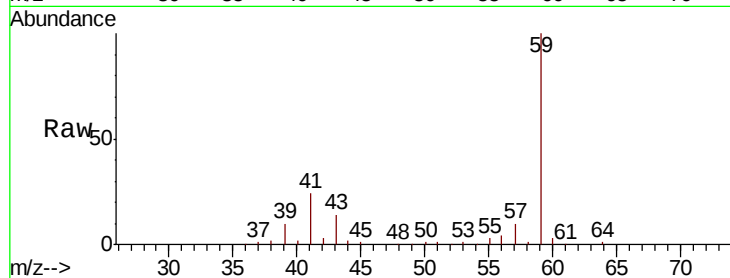
Tert butyl alcohol
 Concen: 247.490 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX005916.D
 Acq: 12 Nov 2018 22:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW273-181108MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.5	12.7

Manual Integrations
 APPROVED

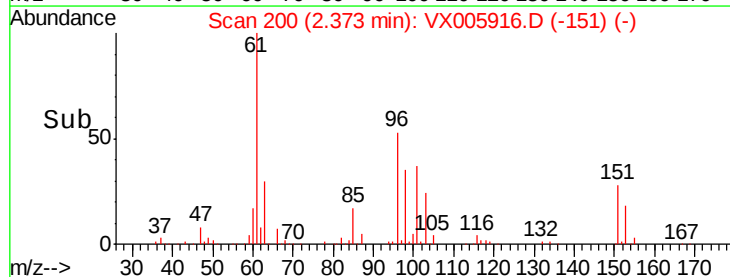
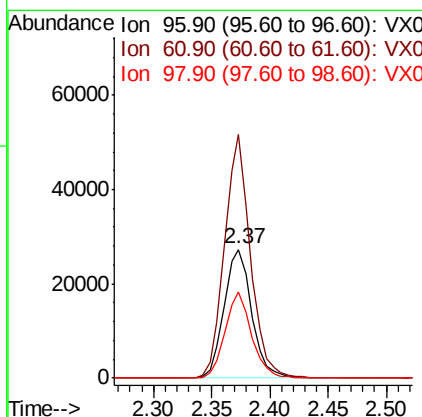
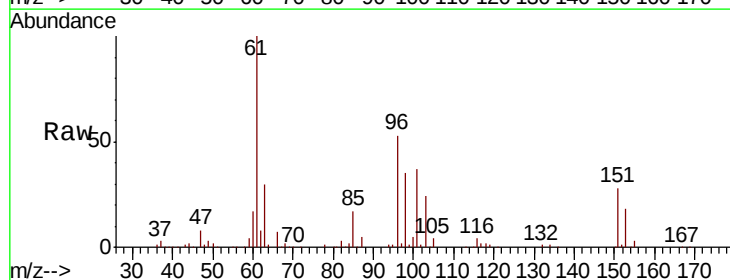
MMDadoda
 11/13/2018 12:19:17 PM

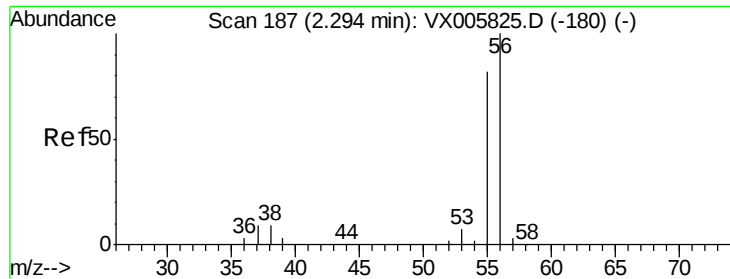


#12

1,1-Dichloroethene
 Concen: 50.585 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005916.D
 Acq: 12 Nov 2018 22:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	188.7	131.8	197.8
98	66.4	53.4	80.2





#13

Acrolein

Concen: 383.953 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Instrument :

MSVOA_X

ClientSampleId :

SS003MW273-181108MSD

Tot Ion: 56 Resp: 62130

Ion Ratio Lower Upper

56 100

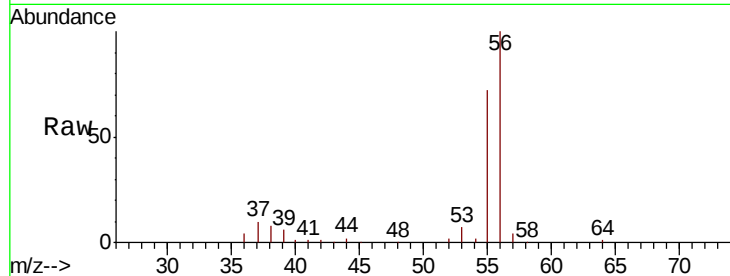
55 74.2 57.3 85.9

Manual Integrations

APPROVED

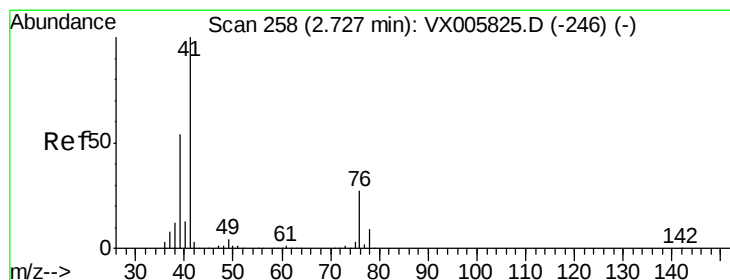
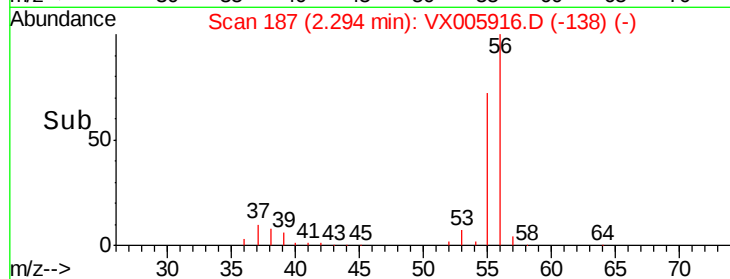
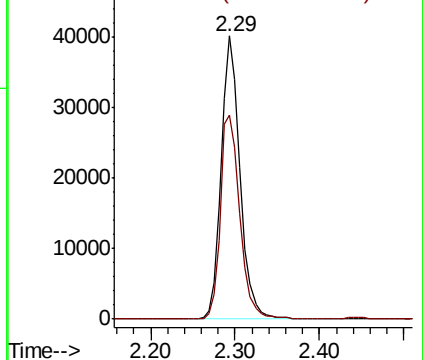
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 52.796 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

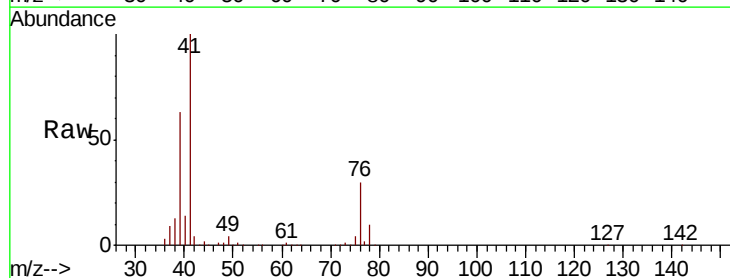
Tgt Ion: 41 Resp: 104379

Ion Ratio Lower Upper

41 100

39 57.1 48.2 72.4

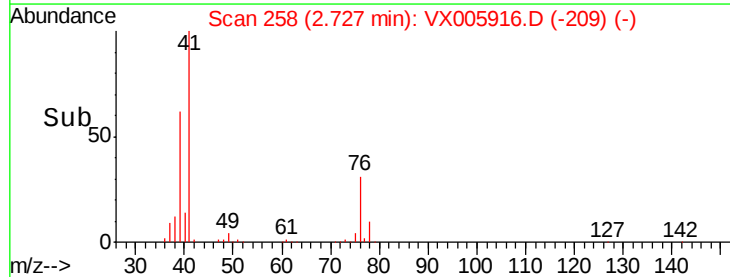
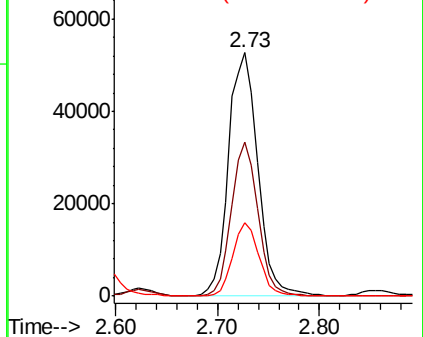
76 27.3 21.9 32.9

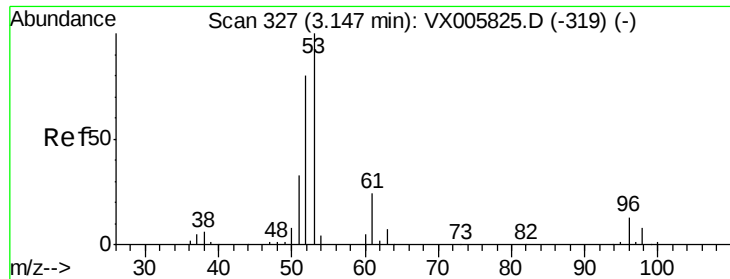


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 257.218 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Instrument :

MSVOA_X

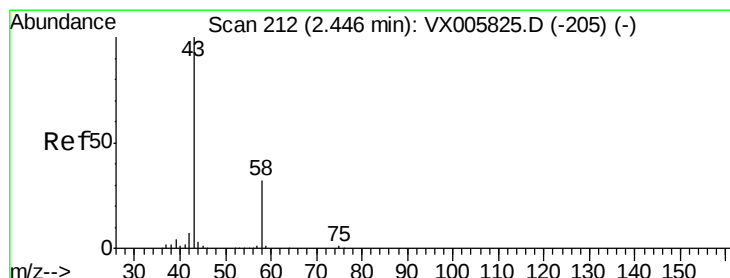
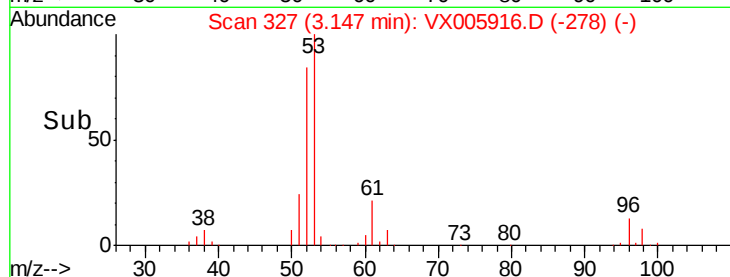
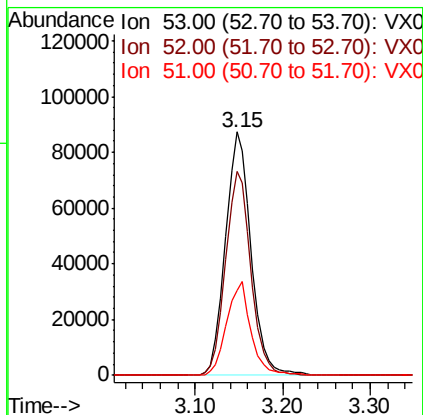
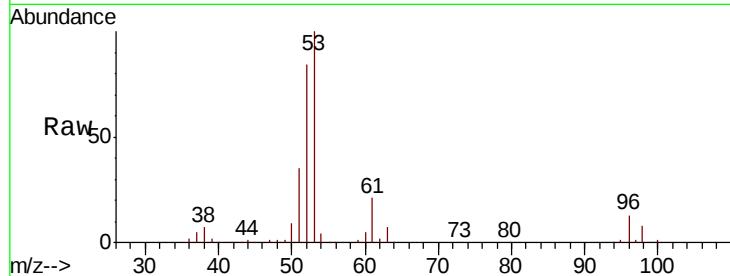
ClientSampleId :

SS003MW273-181108MSD

Tot Ion:	53	Resp:	175812
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.6	99.8
51	36.7	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 255.945 ug/l

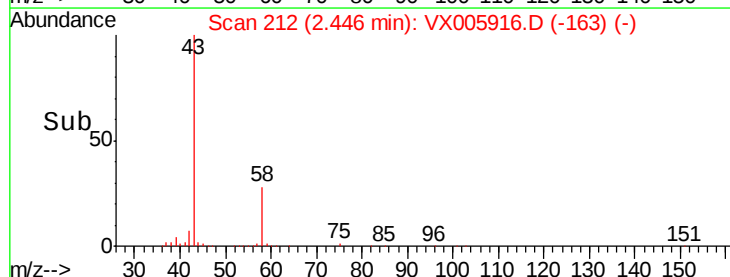
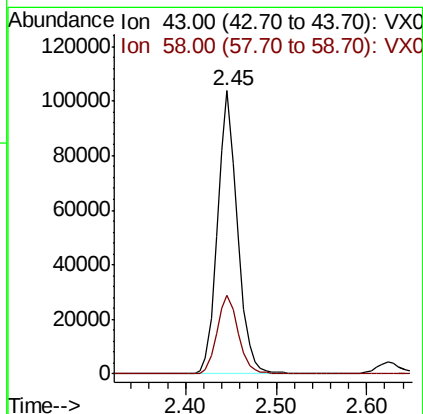
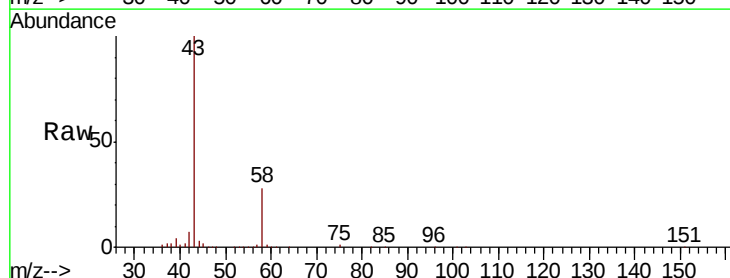
RT: 2.45 min Scan# 212

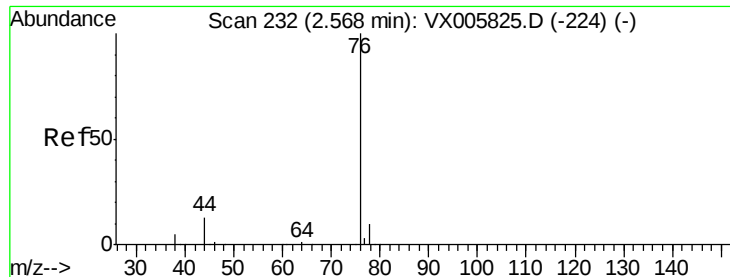
Delta R.T. -0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Tgt Ion:	43	Resp:	158663
Ion Ratio	Lower	Upper	
43	100		
58	27.9	23.8	35.6





#17

Carbon Disulfide

Concen: 49.635 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Instrument :

MSVOA_X

ClientSampleId :

SS003MW273-181108MSD

Tot Ion: 76 Resp: 131055

Ion Ratio Lower Upper

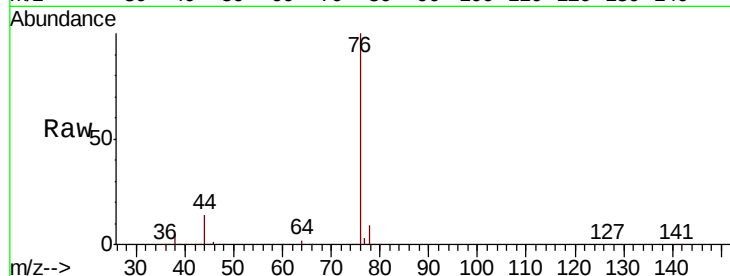
76 100

78 9.4 7.3 10.9

Manual Integrations
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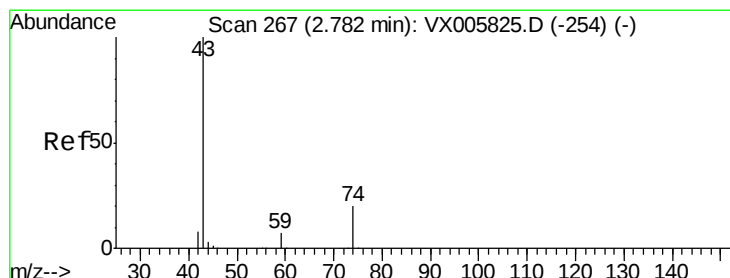
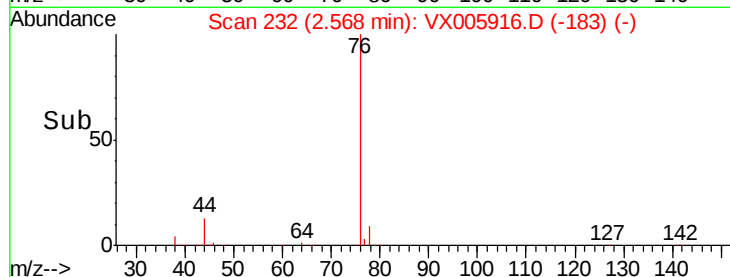
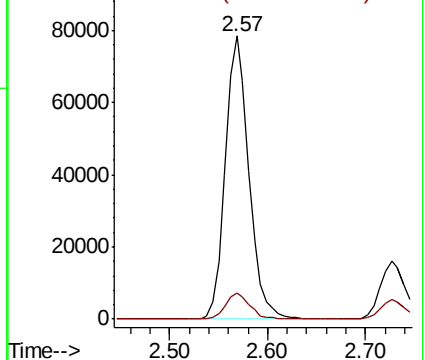
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 55.889 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005916.D

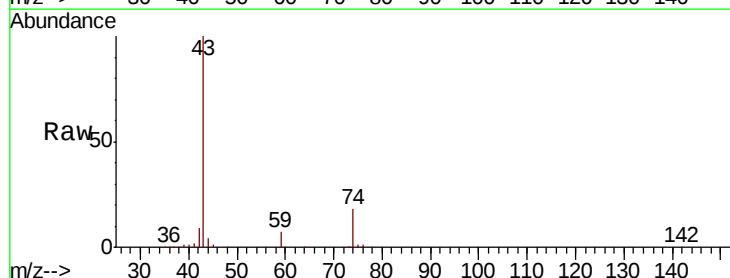
Acq: 12 Nov 2018 22:13

Tgt Ion: 43 Resp: 92557

Ion Ratio Lower Upper

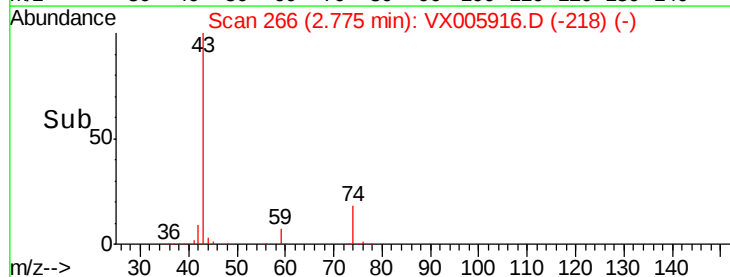
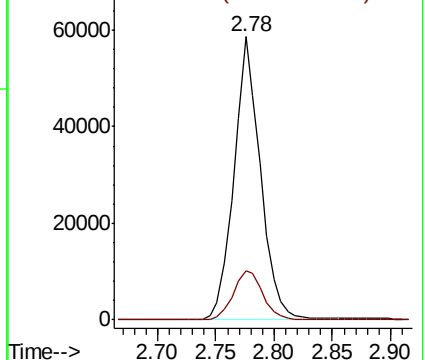
43 100

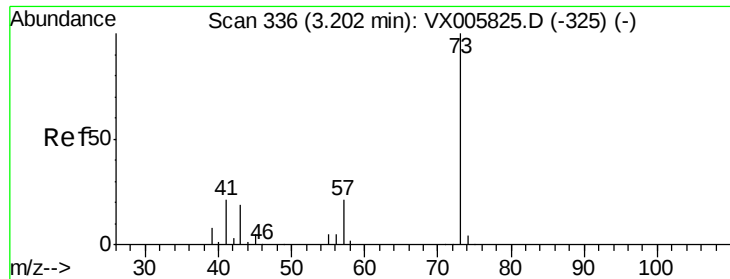
74 19.6 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





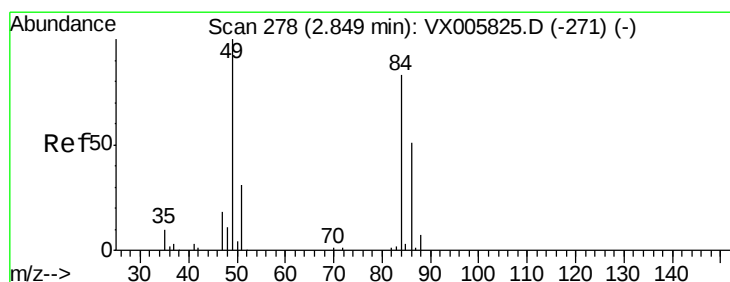
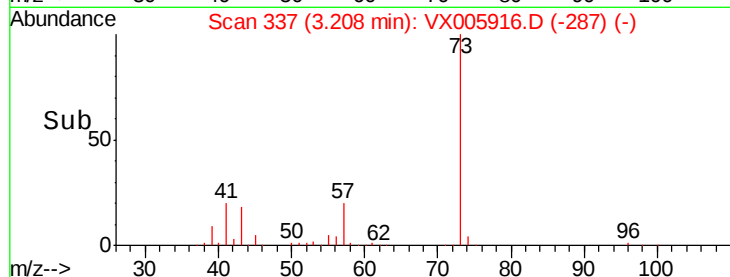
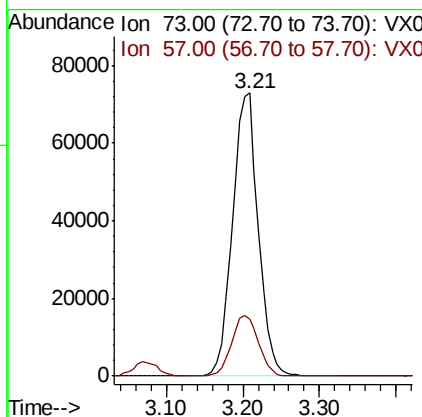
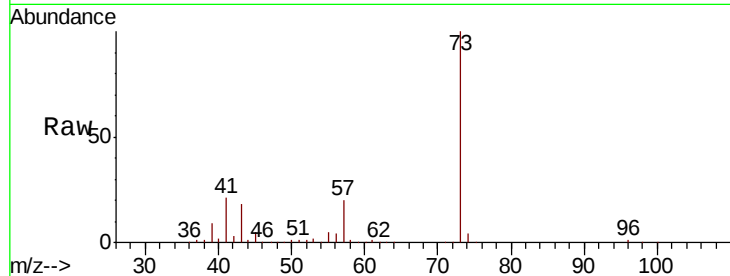
#19
Methvl tert-butvl Ether
Concen: 56.180 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Instrument :
MSVOA_X
ClientSampleId :
SS003MW273-181108MSD

Tot Ion: 73 Resp: 169736
Ion Ratio Lower Upper
73 100
57 20.1 18.8 28.2

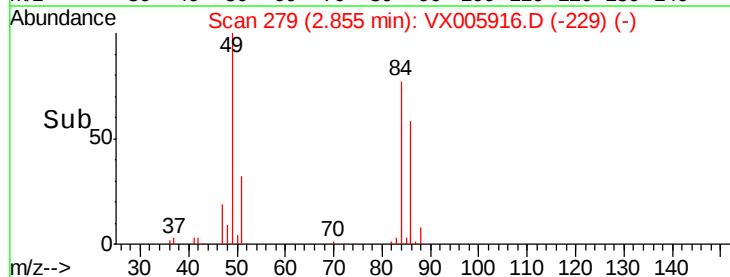
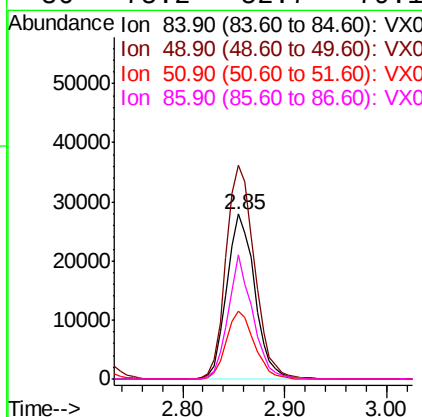
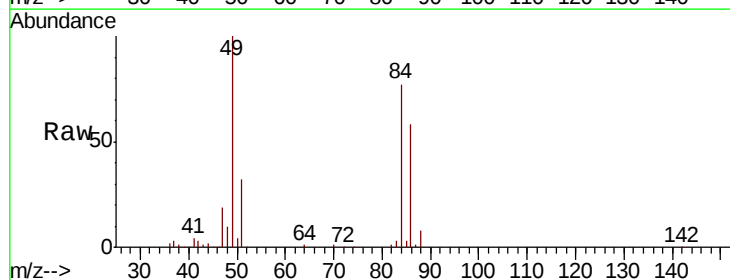
Manual Integrations
APPROVED

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#20
Methylene Chloride
Concen: 52.045 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 84 Resp: 52998
Ion Ratio Lower Upper
84 100
49 129.6 109.5 164.3
51 41.4 33.3 49.9
86 75.2 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 51.121 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Instrument :

MSVOA_X

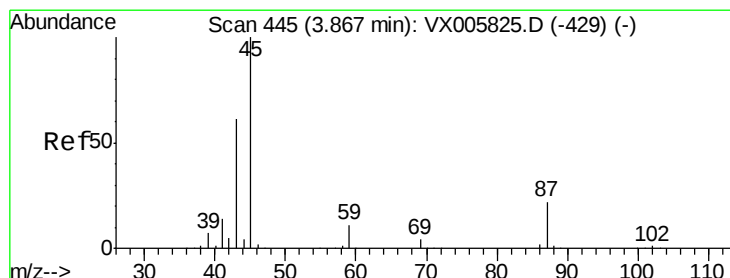
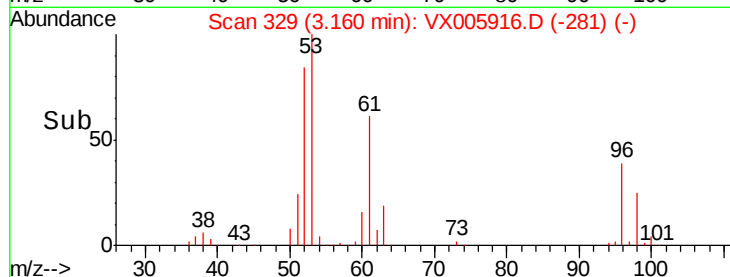
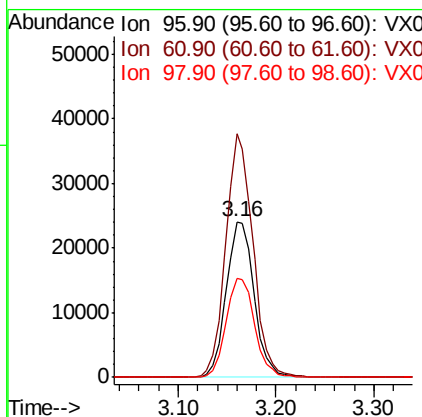
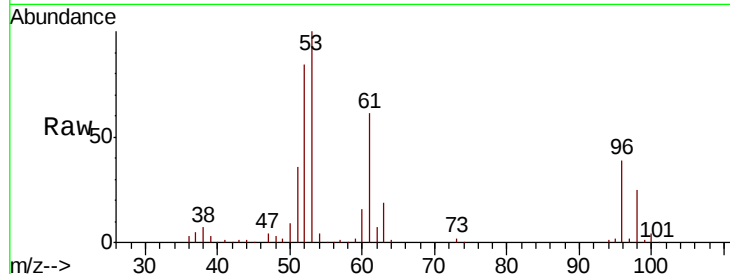
ClientSampleId :

SS003MW273-181108MSD

Tot Ion:	96	Resp:	47730
Ion	Ratio	Lower	Upper
96	100		
61	156.8	115.6	173.4
98	64.1	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.101 ug/l

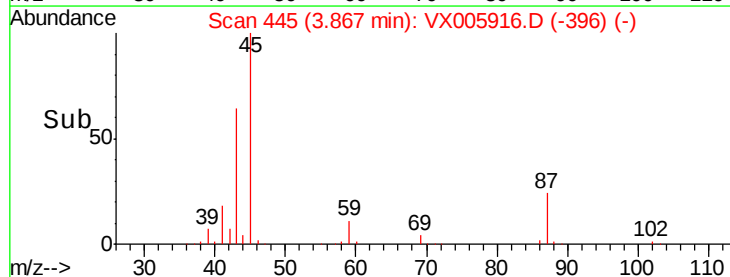
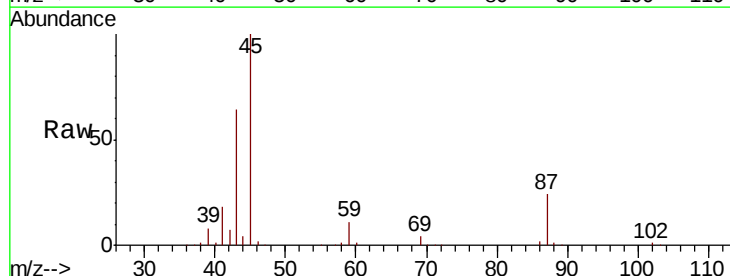
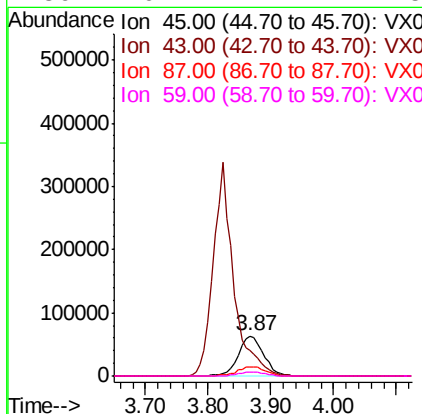
RT: 3.87 min Scan# 445

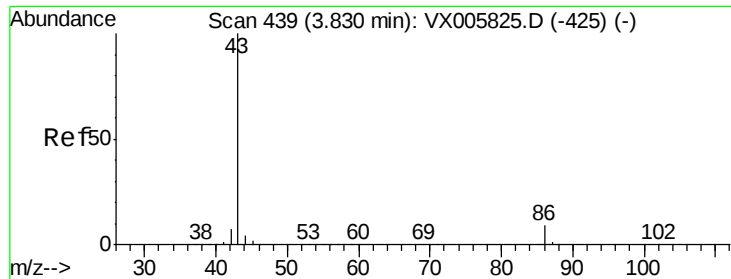
Delta R.T. -0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Tgt Ion:	45	Resp:	176981
Ion	Ratio	Lower	Upper
45	100		
43	63.5	47.4	71.2
87	23.9	15.9	23.9
59	10.7	7.7	11.5





#23

Vinyl Acetate

Concen: 256.191 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Instrument :

MSVOA_X

ClientSampleId :

SS003MW273-181108MSD

Tot Ion: 43 Resp: 760757

Ion Ratio Lower Upper

43 100

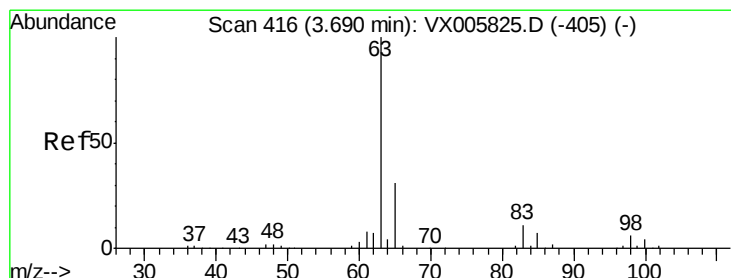
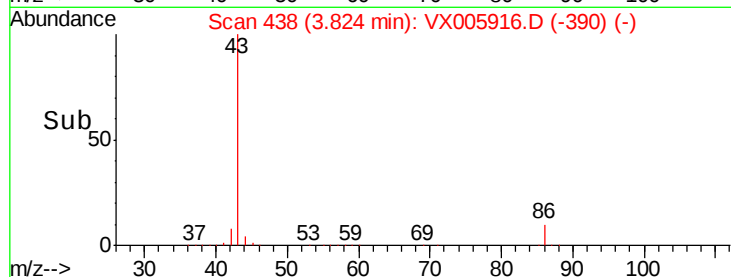
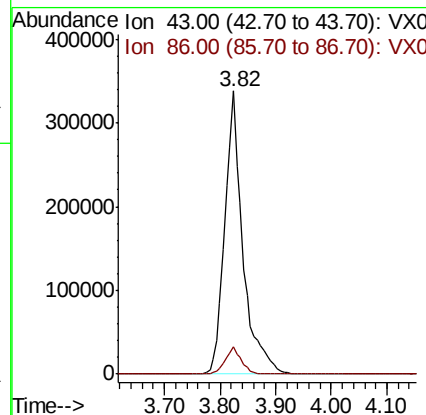
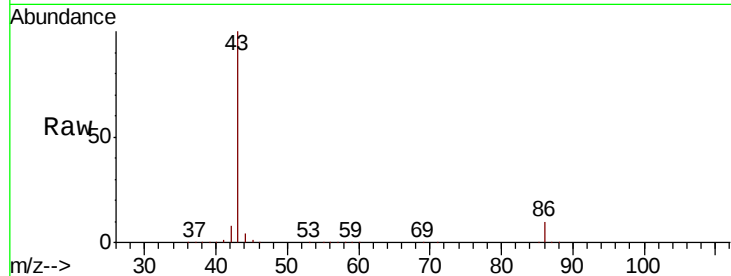
86 9.5 7.4 11.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.576 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

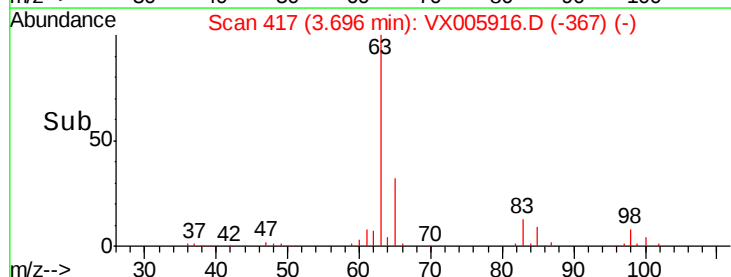
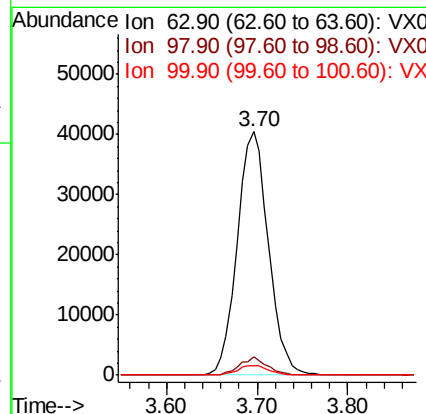
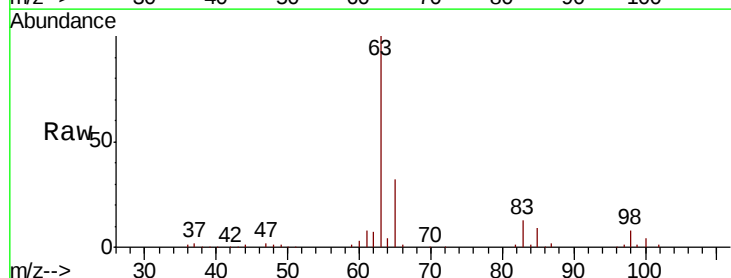
Tgt Ion: 63 Resp: 97147

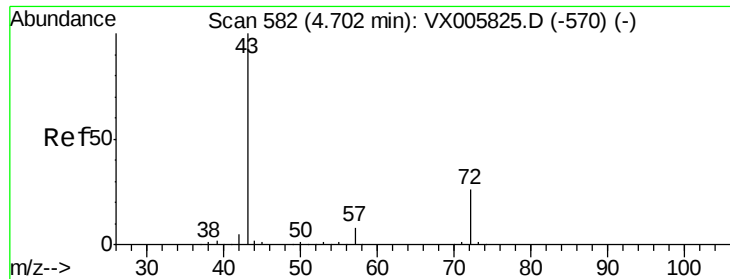
Ion Ratio Lower Upper

63 100

98 7.7 3.2 9.6

100 4.0 2.1 6.2





#25

2-Butanone

Concen: 246.351 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Instrument :

MSVOA_X

ClientSampleId :

SS003MW273-181108MSD

Tot Ion: 43 Resp: 240094

Ion Ratio Lower Upper

43 100

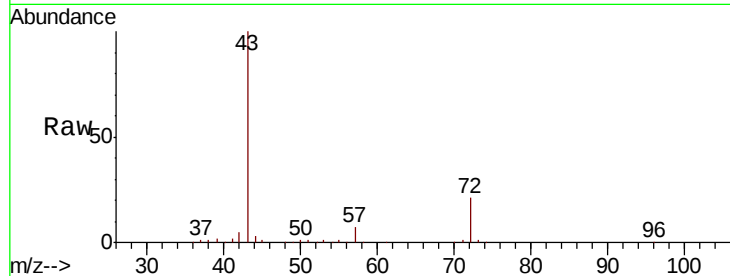
72 21.3 19.2 28.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

100000

80000

60000

40000

20000

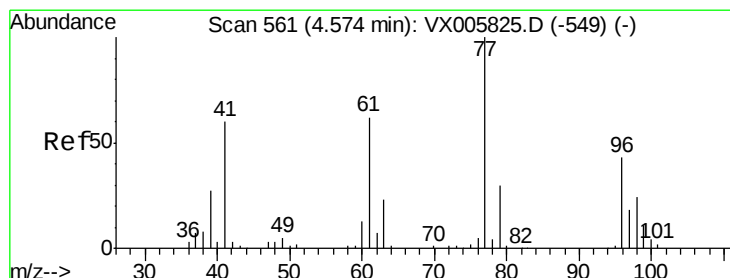
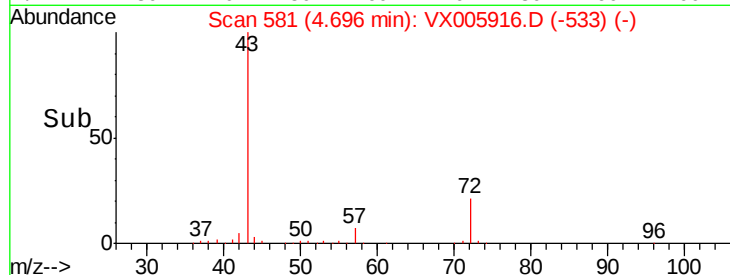
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.211 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005916.D

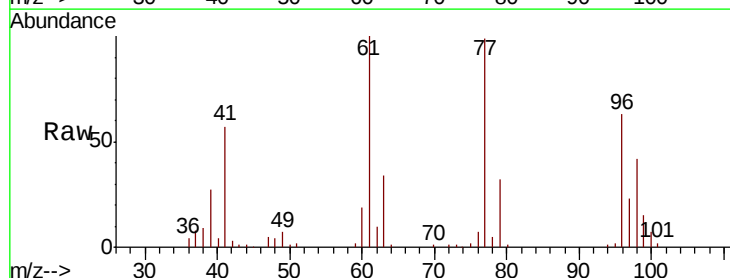
Acq: 12 Nov 2018 22:13

Tgt Ion: 77 Resp: 61279

Ion Ratio Lower Upper

77 100

97 24.0 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

20000

15000

10000

5000

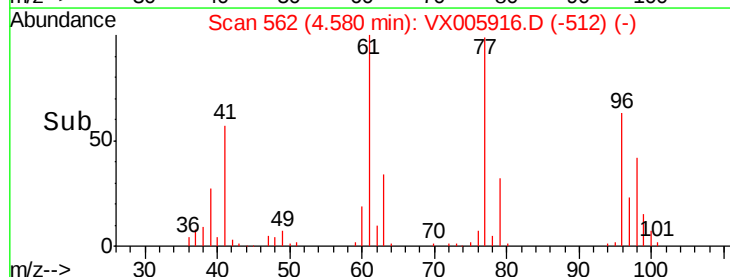
0

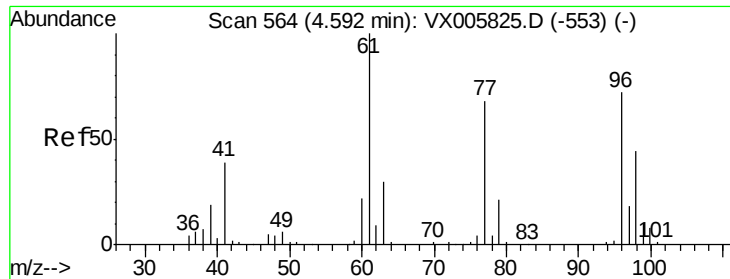
4.50

4.60

4.70

Time-->





#27

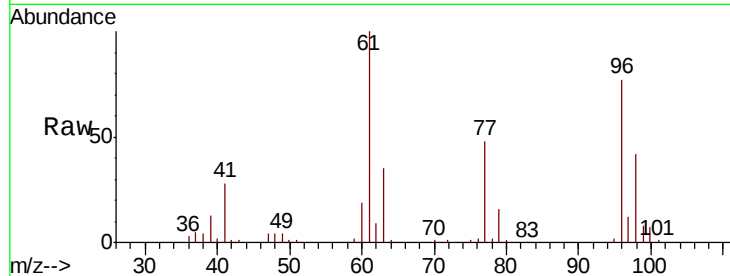
cis-1,2-Dichloroethene
Concen: 52.046 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Instrument :
MSVOA_X
ClientSampleId :
SS003MW273-181108MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.2	0.0	304.6
98	63.3	0.0	127.4

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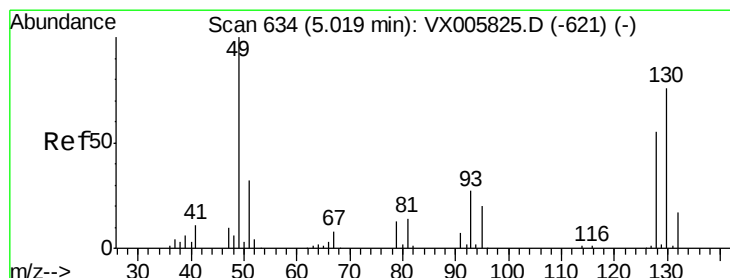
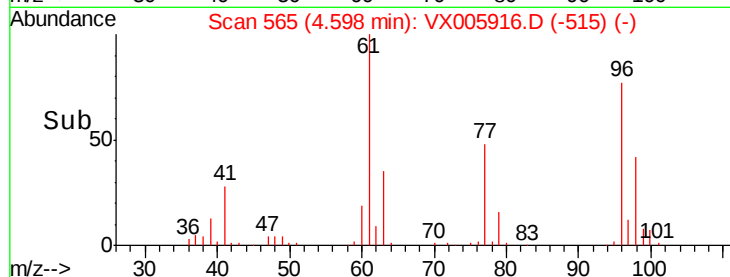
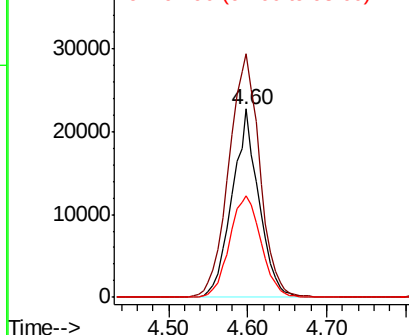


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

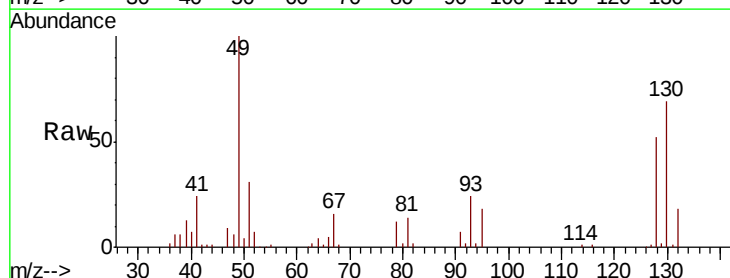
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 56.335 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	76.2	58.9	88.3

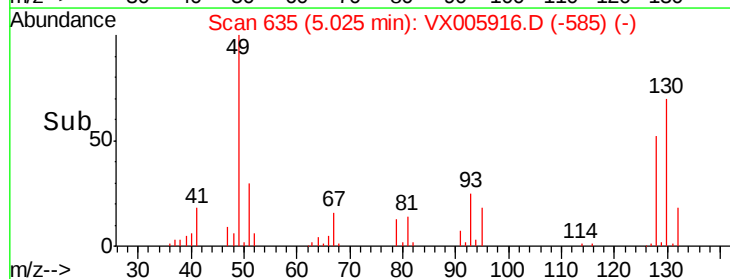
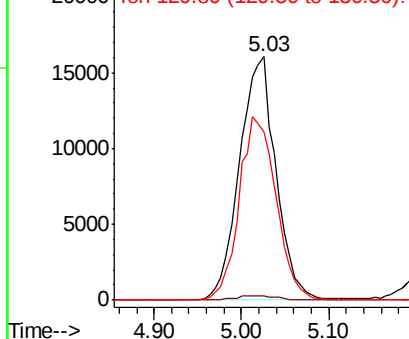


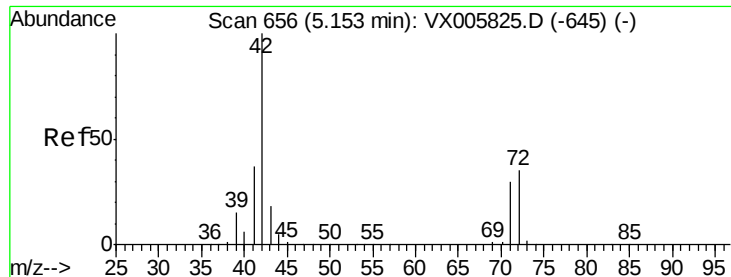
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





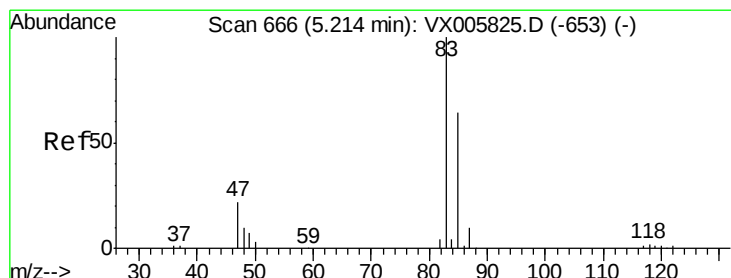
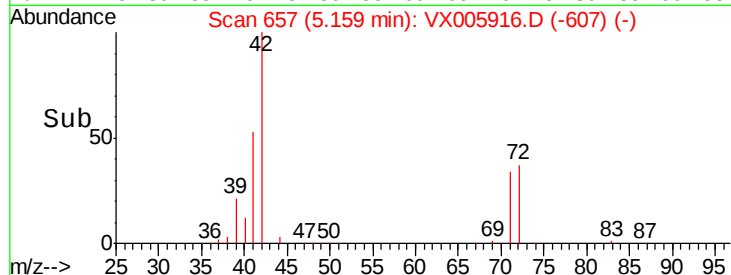
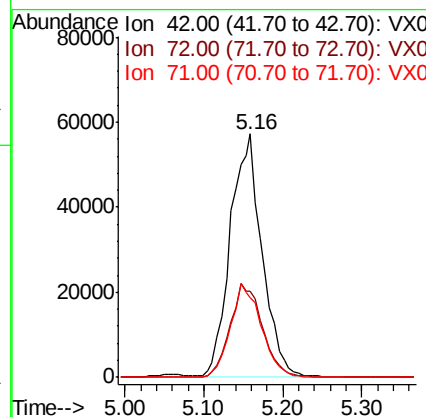
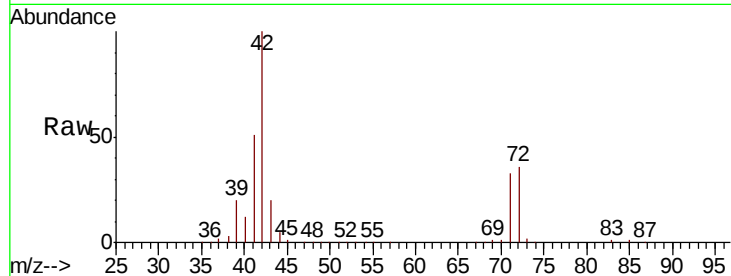
#29
Tetrahydrofuran
Concen: 255.579 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Instrument :
MSVOA_X
ClientSampleId :
SS003MW273-181108MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.5	32.0	48.0
71	37.5	29.8	44.8

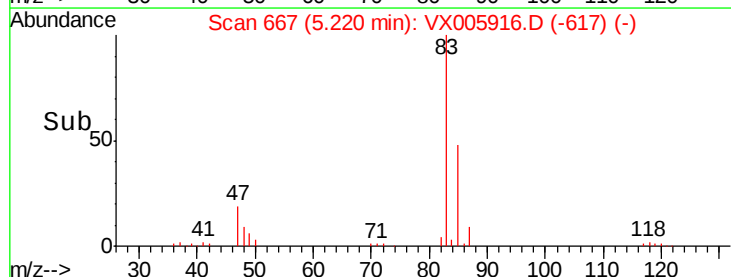
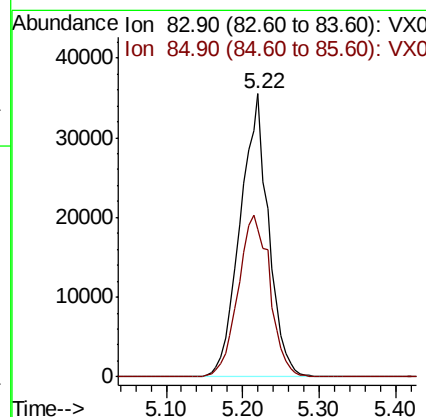
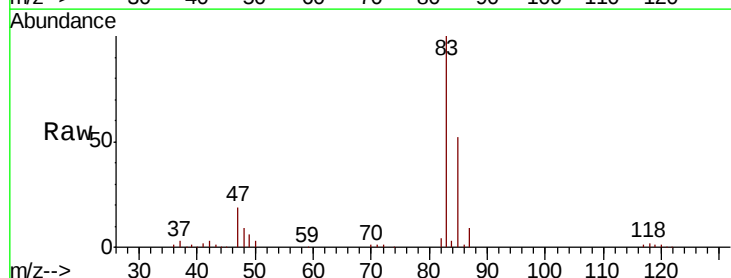
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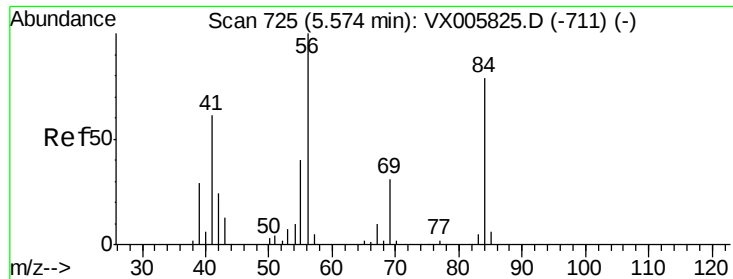
MMDadoda
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#30
Chloroform
Concen: 51.222 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	52.4	50.6	76.0





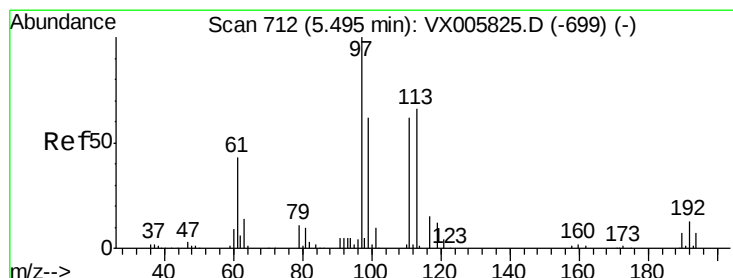
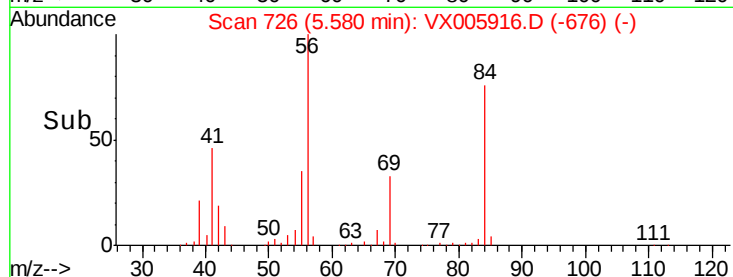
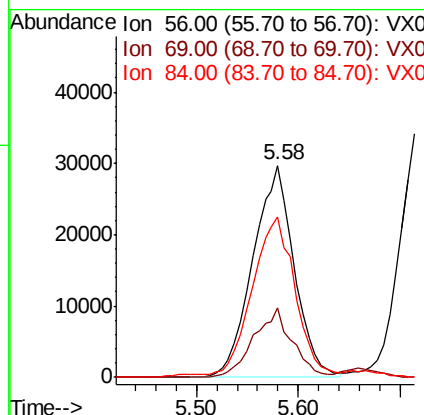
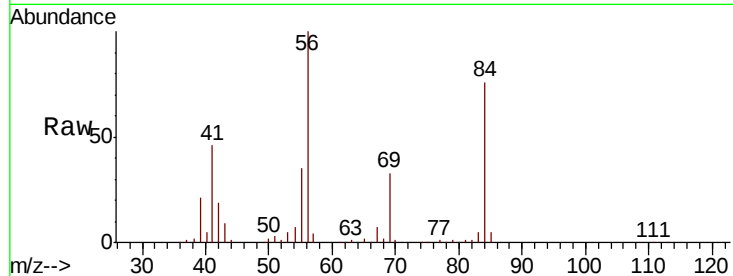
#31
Cyclohexane
Concen: 51.932 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Instrument :
MSVOA_X
ClientSampleId :
SS003MW273-181108MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	22.6	34.0
84	74.5	62.7	94.1

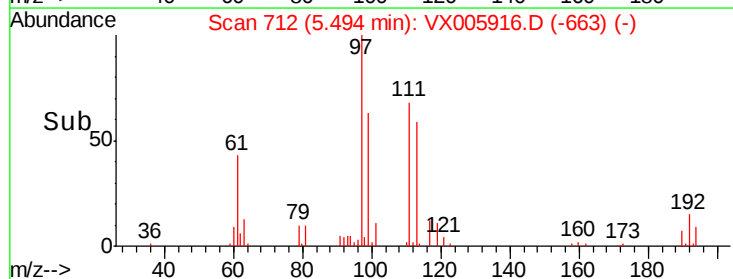
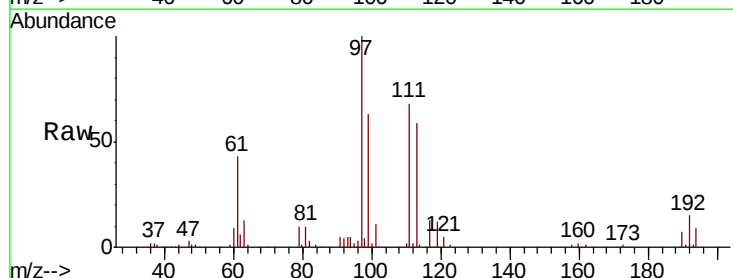
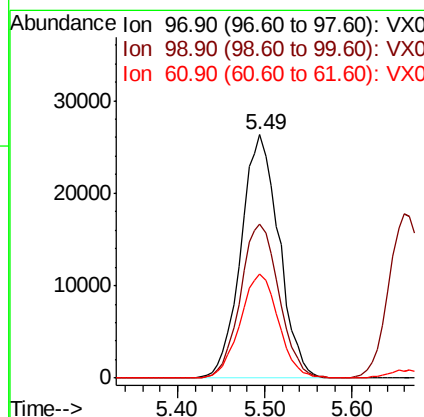
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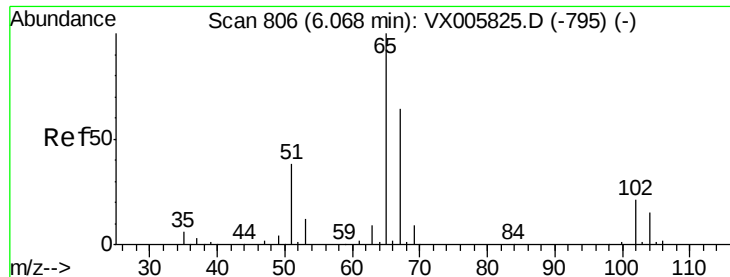
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#32
1,1,1-Trichloroethane
Concen: 53.368 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.3	78.5
61	43.3	35.2	52.8





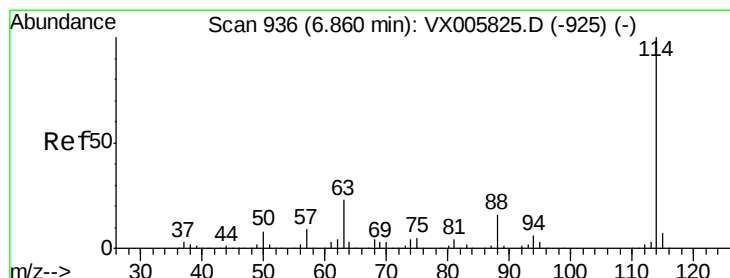
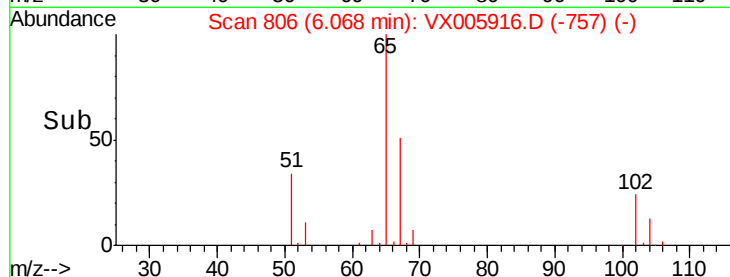
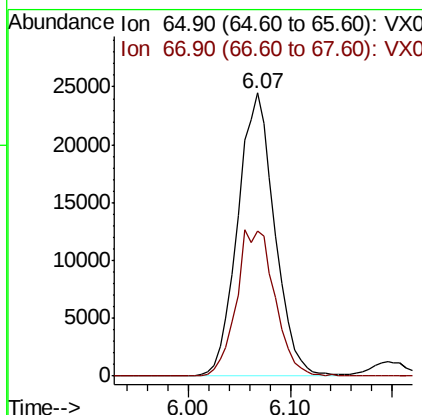
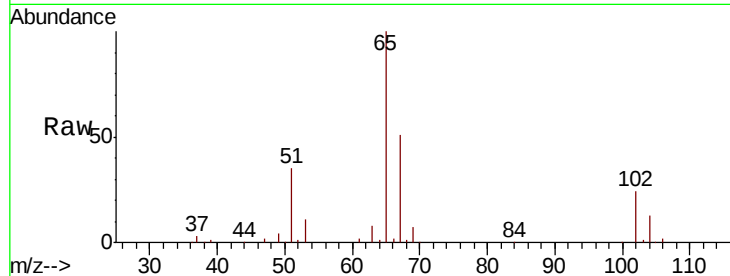
#33
 1,2-Dichloroethane-d4
 Concen: 53.403 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005916.D
 Acq: 12 Nov 2018 22:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW273-181108MSD

Tot Ion: 65 Resp: 61485
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.0

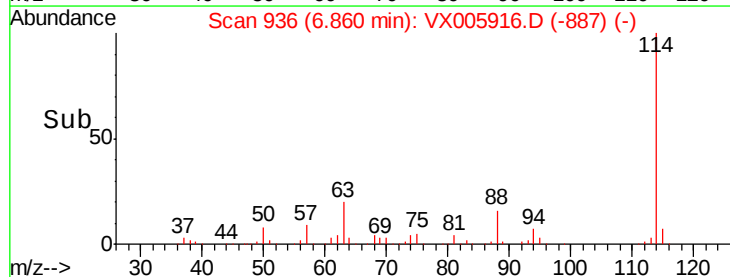
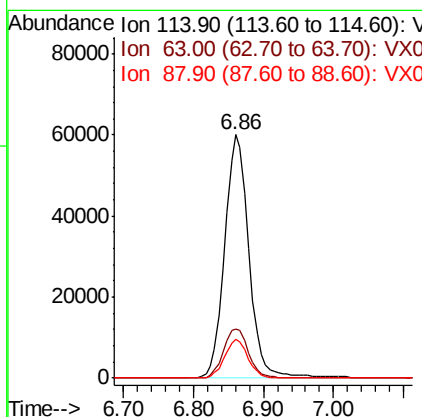
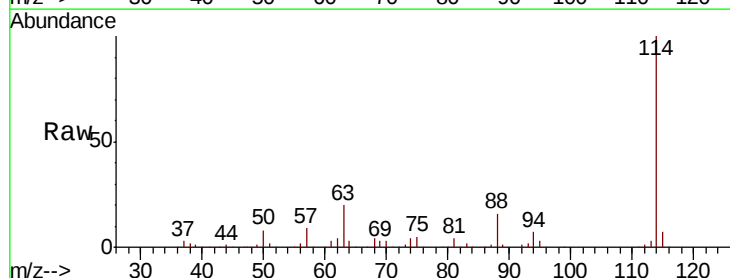
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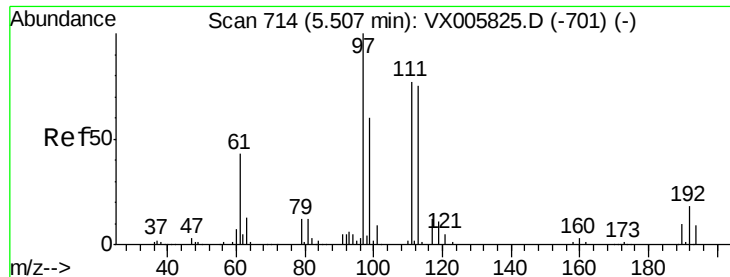
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005916.D
 Acq: 12 Nov 2018 22:13

Tgt Ion: 114 Resp: 144935
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.8
 88 15.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.712 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Instrument :

MSVOA_X

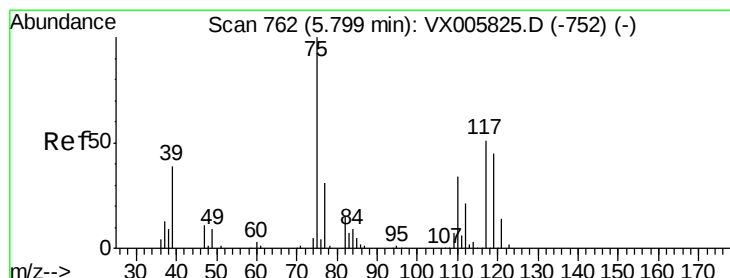
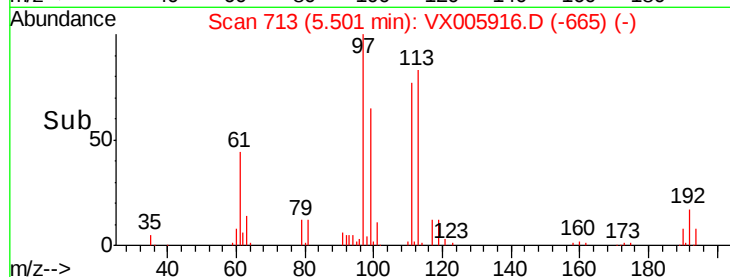
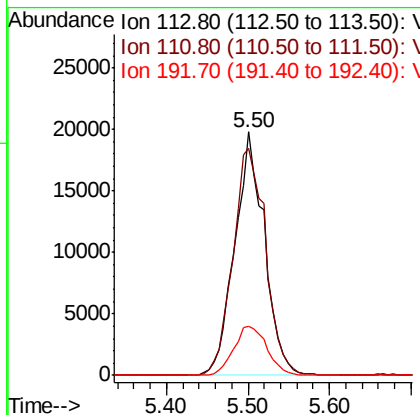
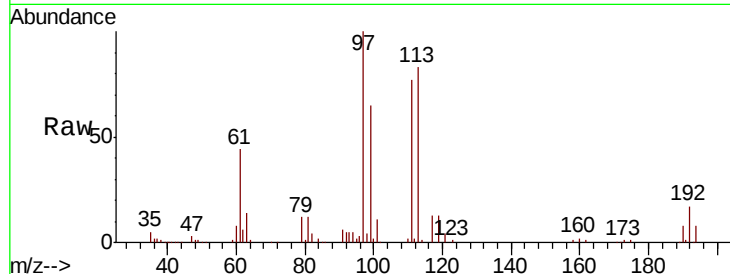
ClientSampleId :

SS003MW273-181108MSD

Tot Ion:	113	Resp:	49991
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.3	123.5
192	22.5	17.9	26.9

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#36

1,1-Dichloropropene

Concen: 48.324 ug/l

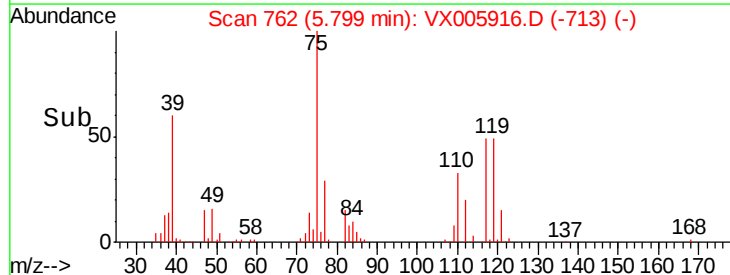
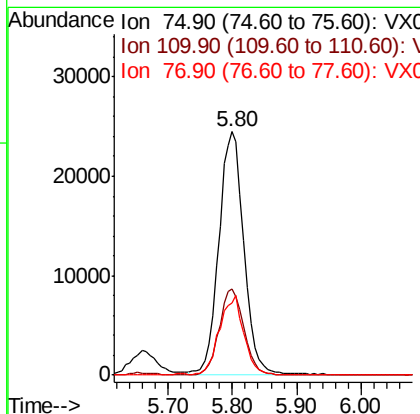
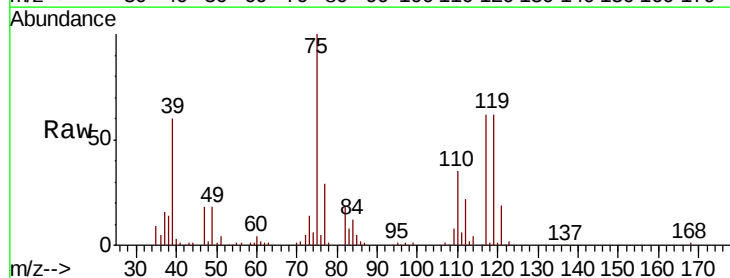
RT: 5.80 min Scan# 762

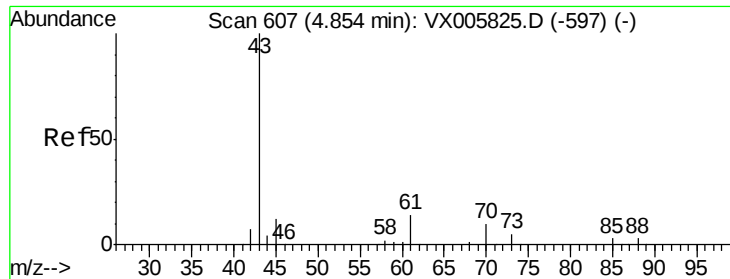
Delta R.T. -0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Tgt Ion:	75	Resp:	67518
Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.4	52.2
77	31.7	25.8	38.6





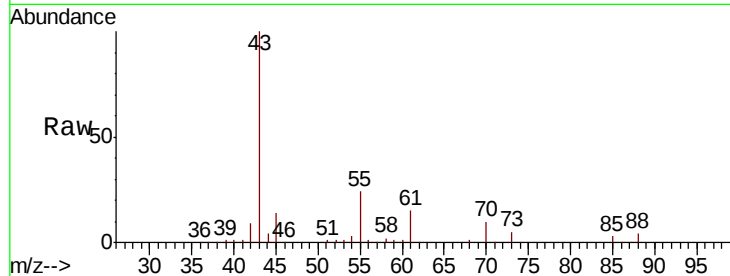
#37
Ethyl Acetate
Concen: 45.642 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Instrument :
MSVOA_X
ClientSampleId :
SS003MW273-181108MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.8	16.2
70	9.9	7.8	11.8

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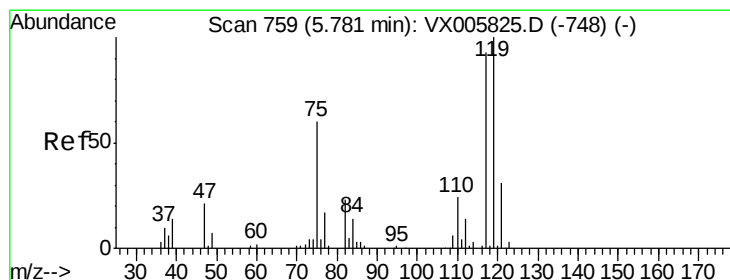
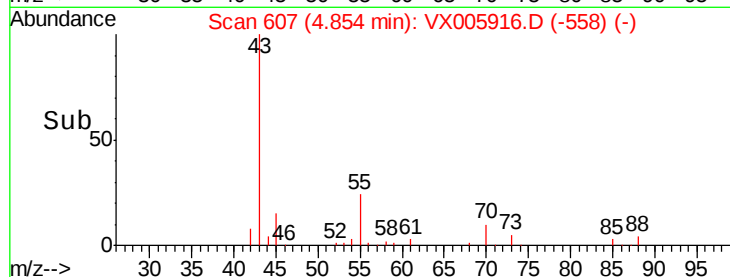
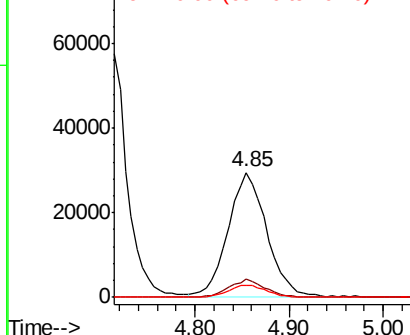


Abundance

Ion 43.00 (42.70 to 43.70): VX005825.D (-597) (-)

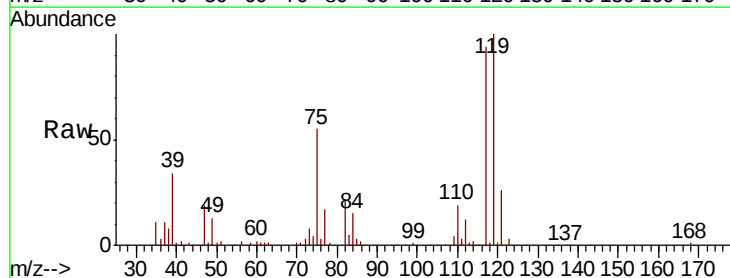
Ion 60.90 (60.60 to 61.60): VX005825.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX005825.D (-597) (-)



#38
Carbon Tetrachloride
Concen: 50.507 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	105.8	78.1	117.1
121	28.1	24.6	36.8

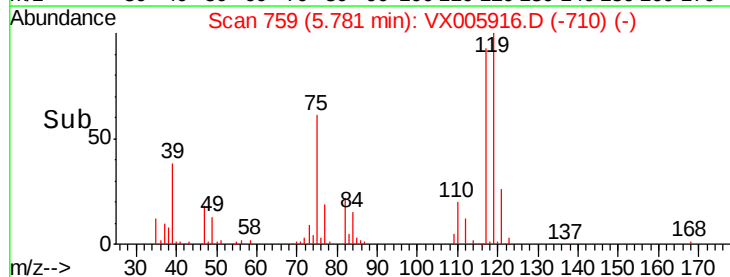
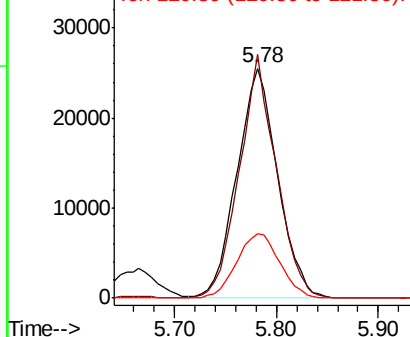


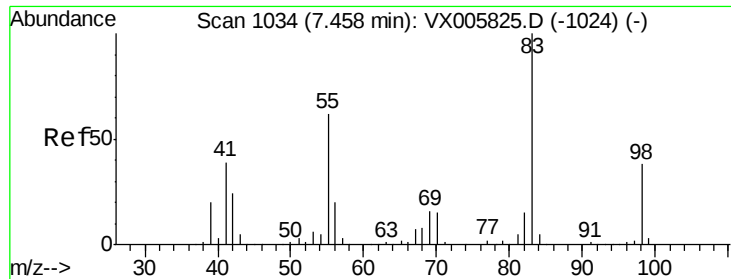
Abundance

Ion 116.80 (116.50 to 117.50): VX005825.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX005825.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX005825.D (-748) (-)





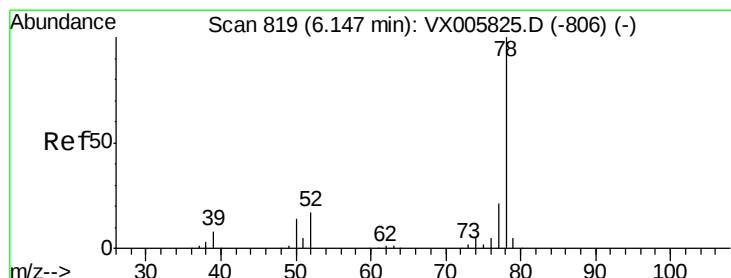
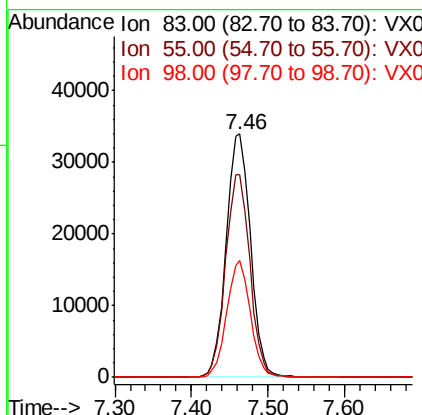
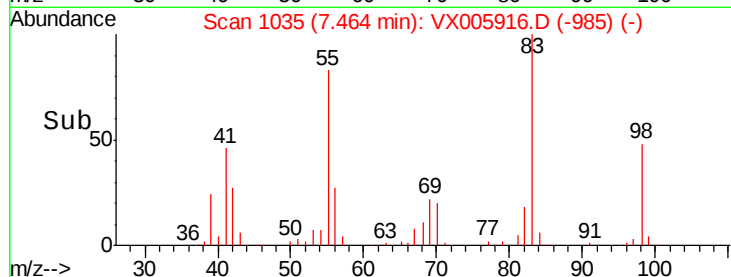
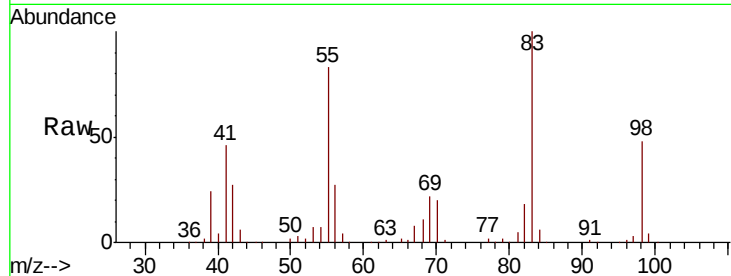
#39
Methvlcvclohexane
Concen: 52.930 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Instrument :
MSVOA_X
ClientSampleId :
SS003MW273-181108MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.0	63.7	95.5
98	48.0	36.2	54.2

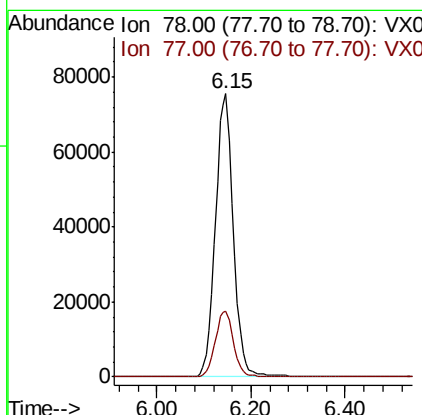
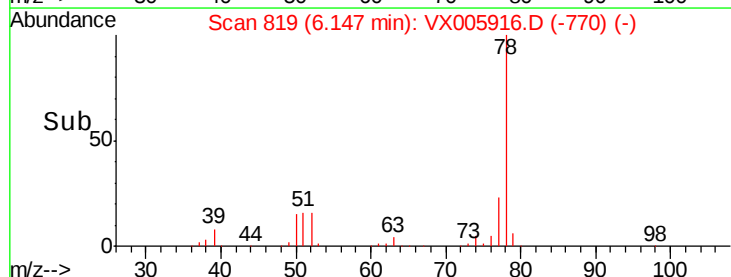
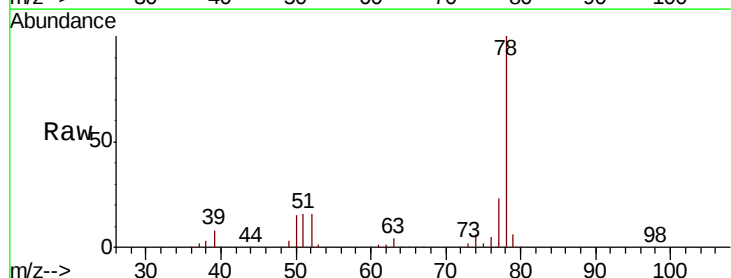
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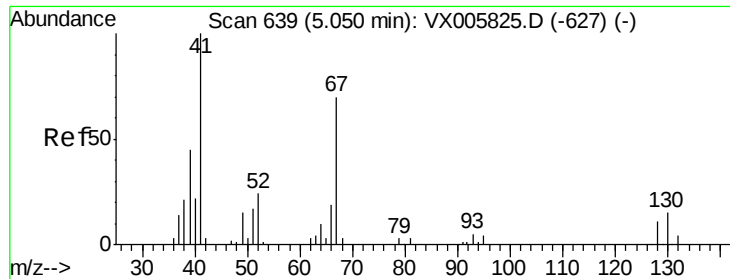
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#40
Benzene
Concen: 48.793 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.4	27.6





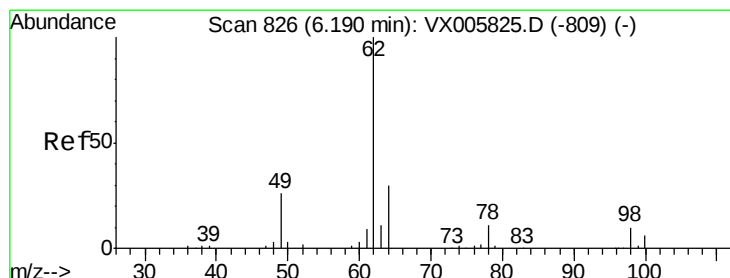
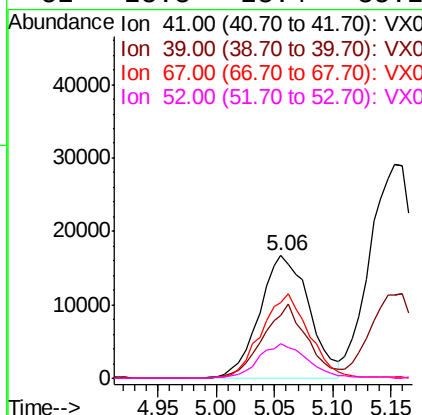
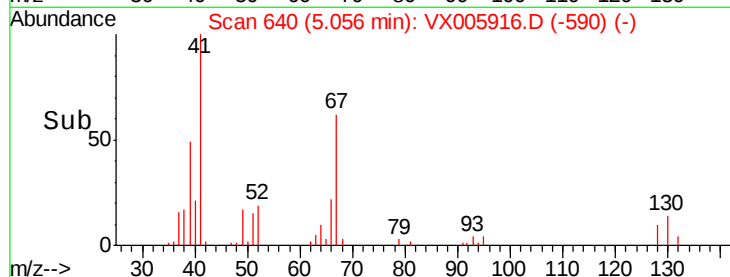
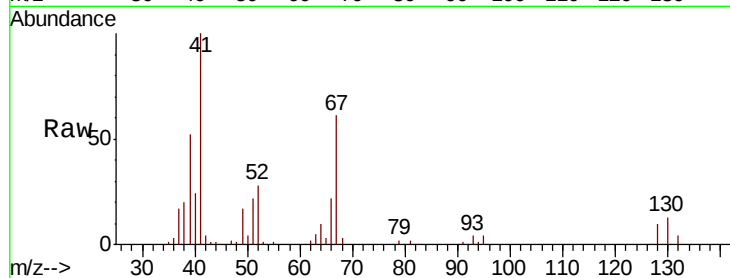
#41
Methacrylonitrile
Concen: 49.792 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Instrument :
MSVOA_X
ClientSampleId :
SS003MW273-181108MSD

Tot Ion:	41	Resp:	49434
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.2	63.2
67	66.1	53.4	80.0
52	28.3	23.4	35.2

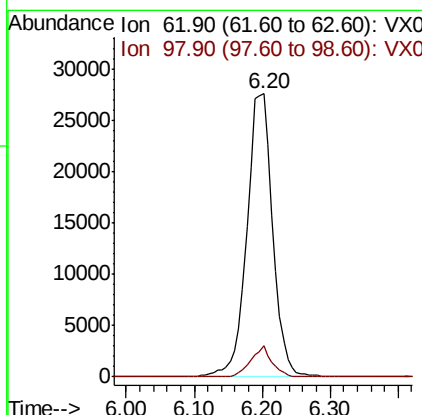
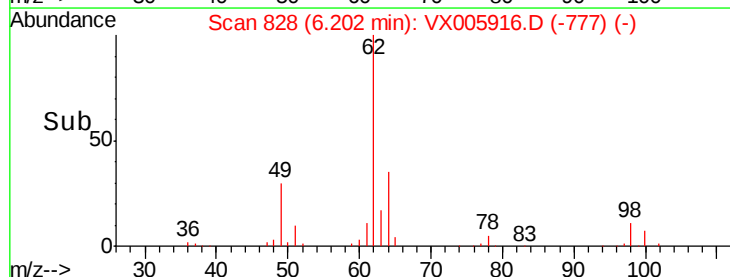
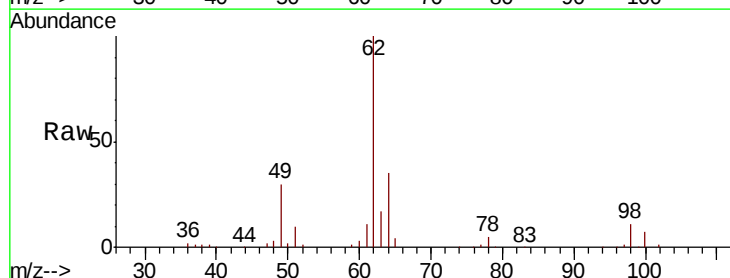
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 50.244 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion:	62	Resp:	73301
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8





#43

Isopropyl Acetate

Concen: 47.878 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Instrument :

MSVOA_X

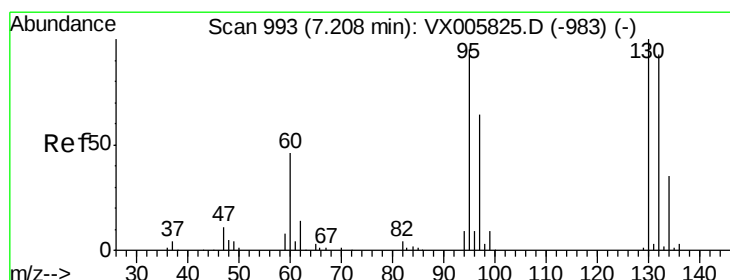
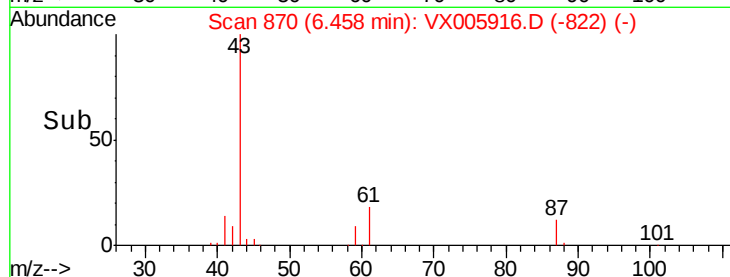
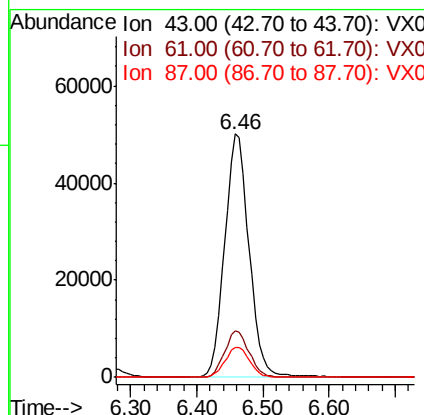
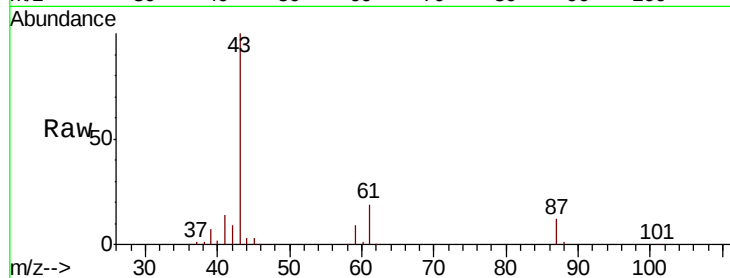
ClientSampleId :

SS003MW273-181108MSD

Tot Ion:	43	Resp:	127468
Ion	Ratio	Lower	Upper
43	100		
61	19.3	14.6	22.0
87	12.6	9.6	14.4

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#44

Trichloroethene

Concen: 50.737 ug/l

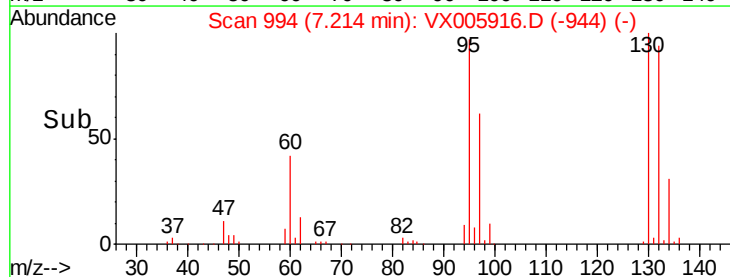
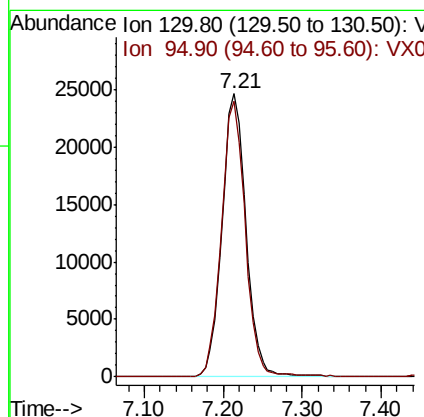
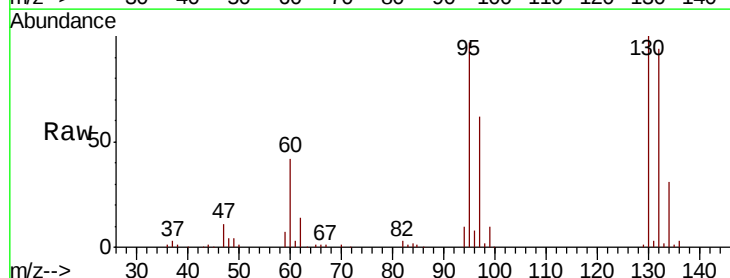
RT: 7.21 min Scan# 994

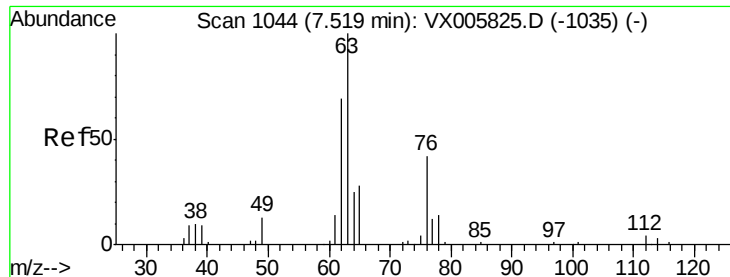
Delta R.T. 0.01 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Tgt Ion:	130	Resp:	52482
Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	194.2





#45

1,2-Dichloropropane

Concen: 53.876 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Instrument :

MSVOA_X

ClientSampleId :

SS003MW273-181108MSD

Tot Ion: 63 Resp: 53264

Ion Ratio Lower Upper

63 100

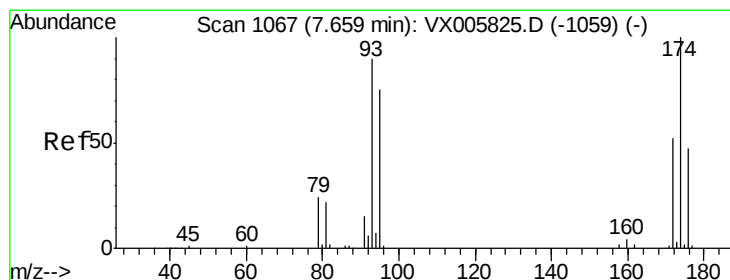
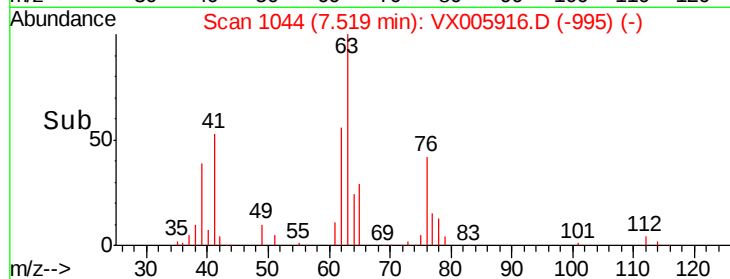
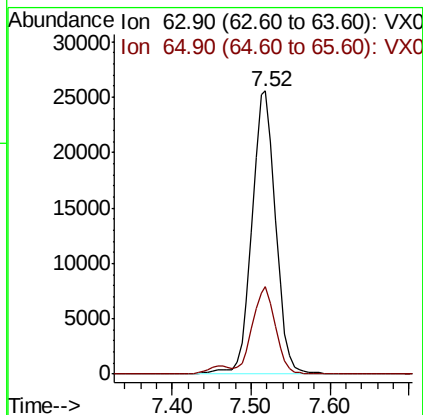
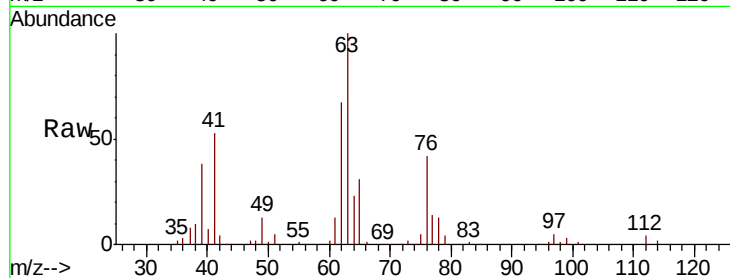
65 30.7 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 54.369 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

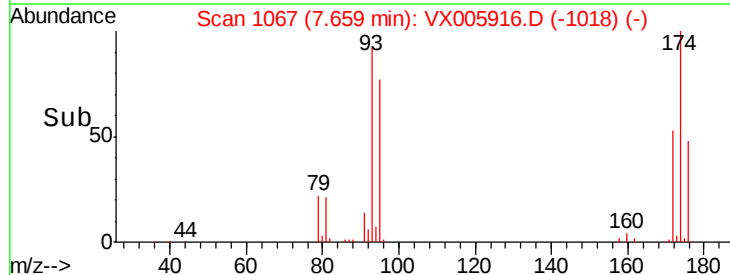
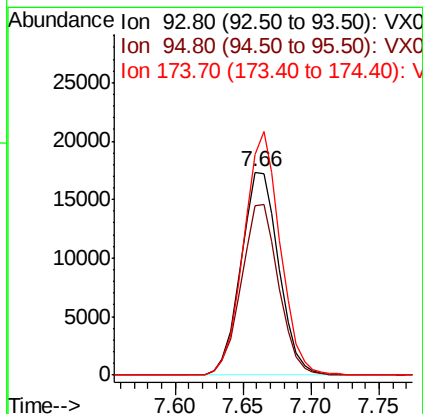
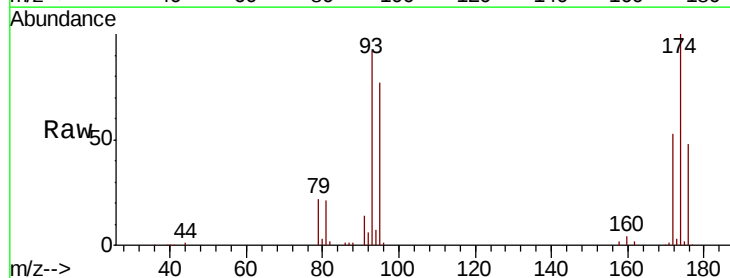
Tgt Ion: 93 Resp: 33729

Ion Ratio Lower Upper

93 100

95 83.6 67.4 101.0

174 115.5 91.5 137.3





#47

Bromodichloromethane

Concen: 56.638 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Instrument :

MSVOA_X

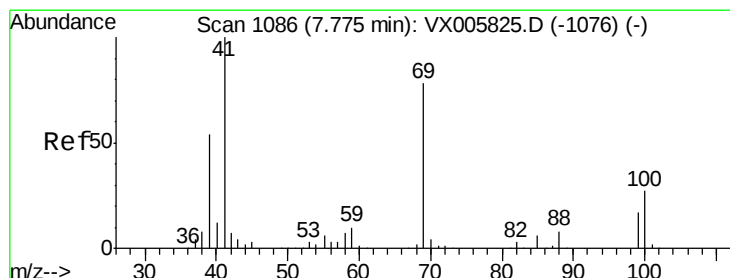
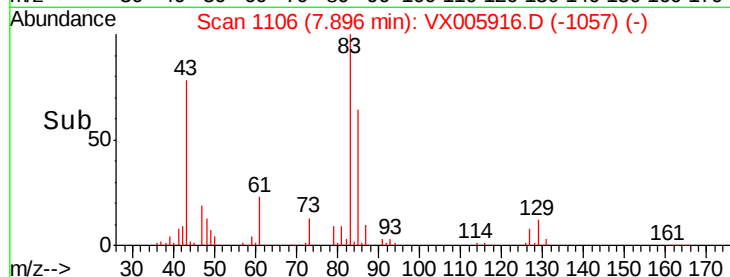
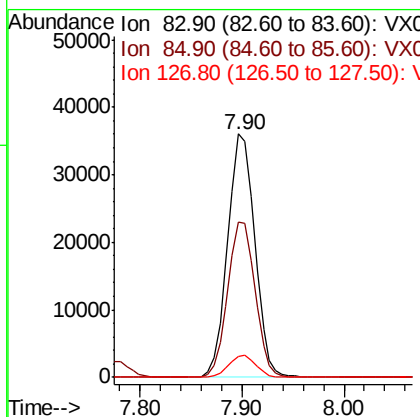
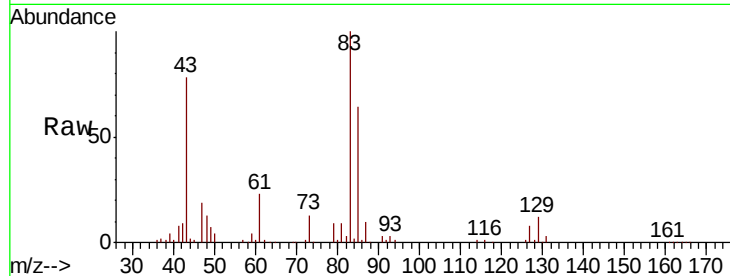
ClientSampleId :

SS003MW273-181108MSD

Tot Ion:	83	Resp:	66404
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.2	75.4
127	8.4	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 57.249 ug/l

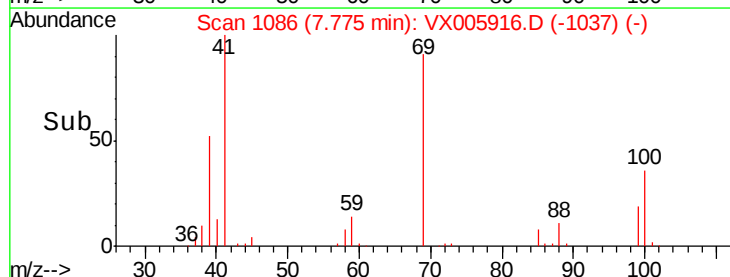
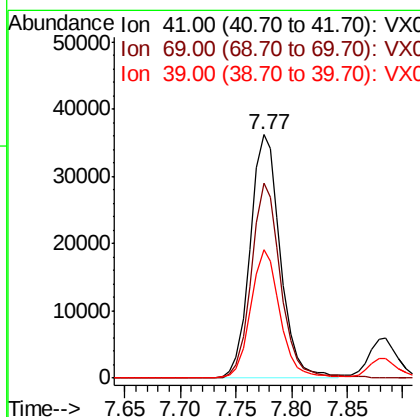
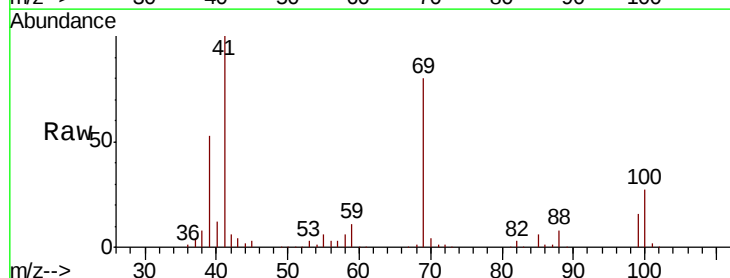
RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Tgt Ion:	41	Resp:	68438
Ion	Ratio	Lower	Upper
41	100		
69	78.2	63.2	94.8
39	51.5	42.2	63.2





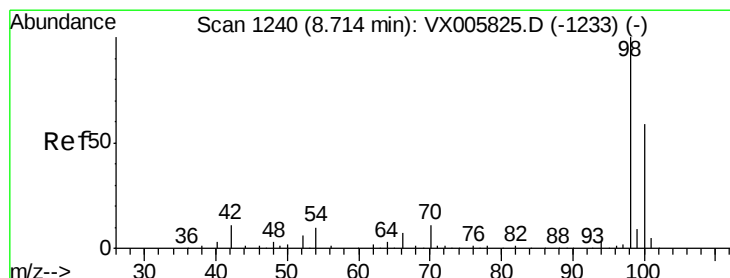
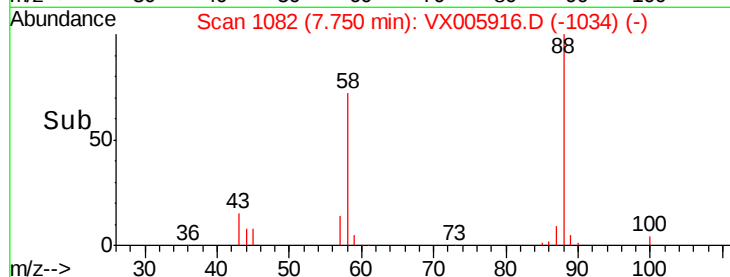
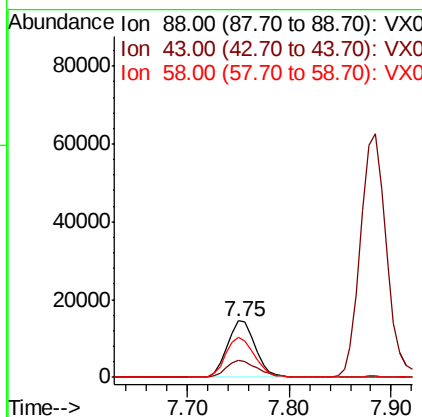
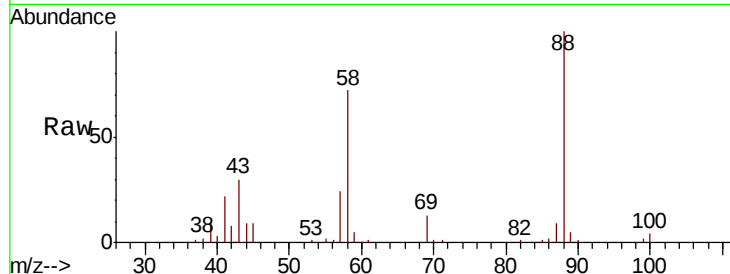
#49
1,4-Dioxane
Concen: 1071.072 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Instrument :
MSVOA_X
ClientSampleId :
SS003MW273-181108MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.4	27.4	41.0
58	73.3	59.4	89.2

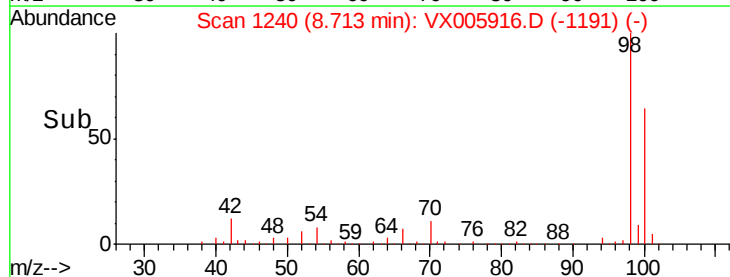
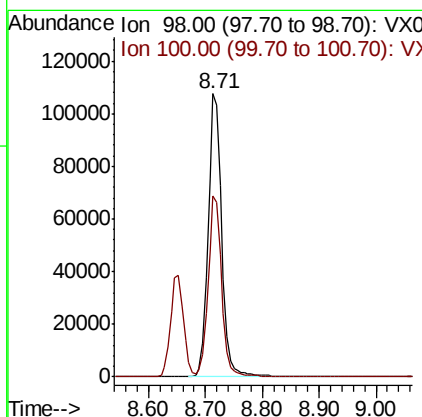
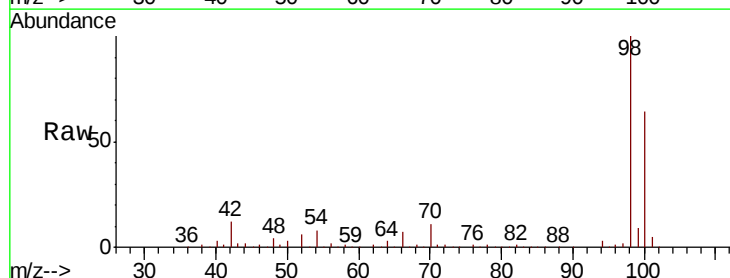
Manual Integrations
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#50
Toluene-d8
Concen: 54.538 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 271.915 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Instrument :

MSVOA_X

ClientSampleId :

SS003MW273-181108MSD

Tot Ion: 43 Resp: 456251

Ion Ratio Lower Upper

43 100

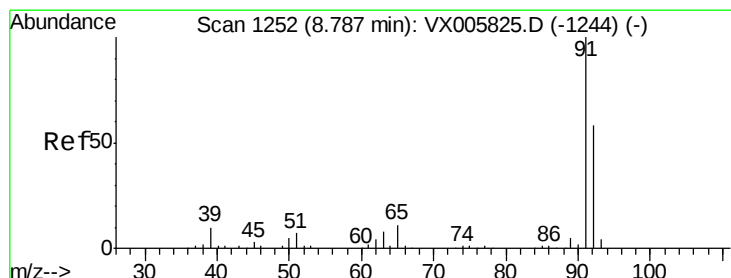
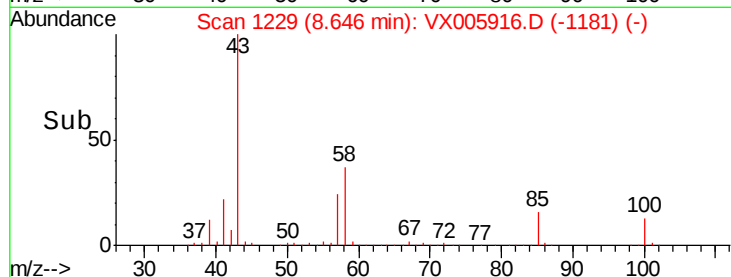
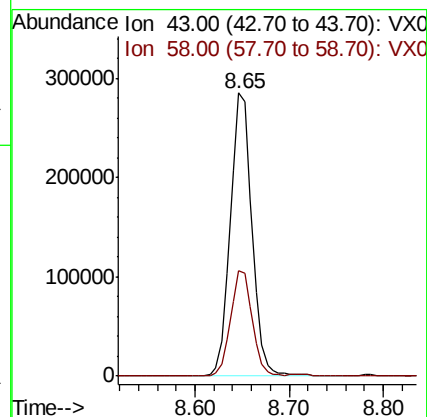
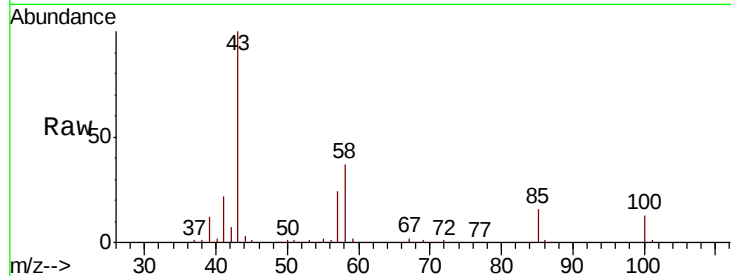
58 37.0 29.7 44.5

Manual Integrations

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#52

Toluene

Concen: 53.020 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005916.D

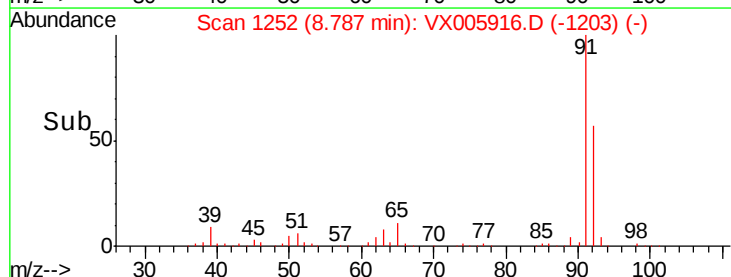
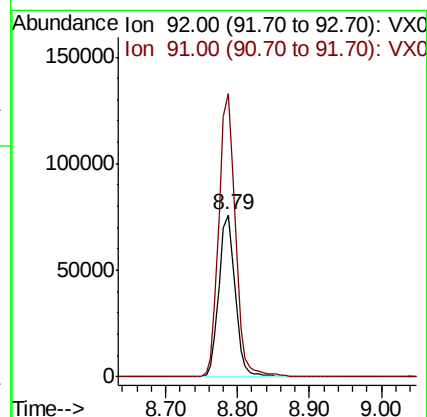
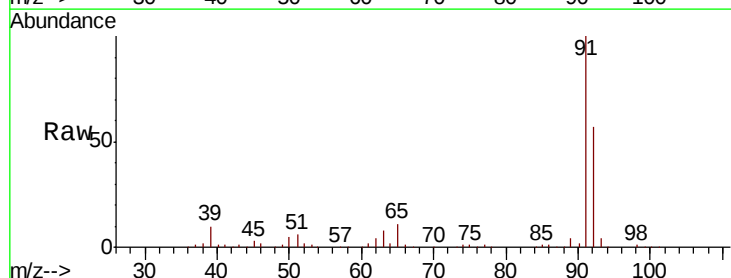
Acq: 12 Nov 2018 22:13

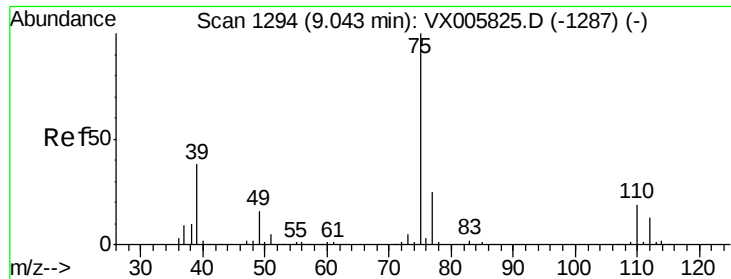
Tgt Ion: 92 Resp: 120697

Ion Ratio Lower Upper

92 100

91 176.1 140.4 210.6





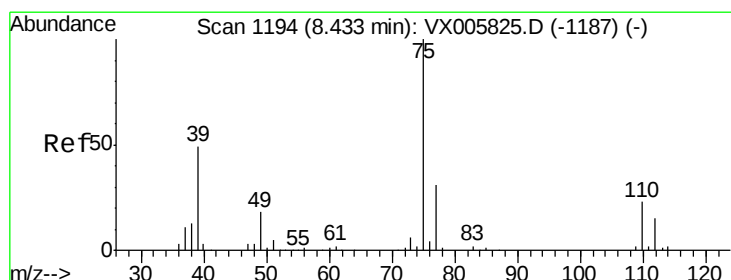
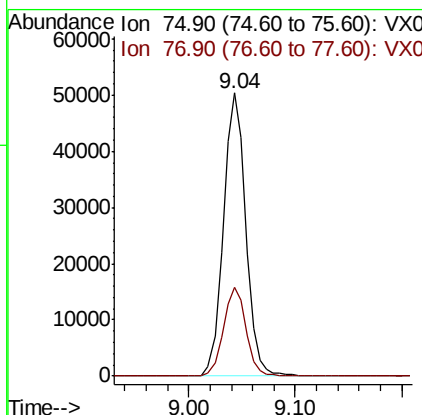
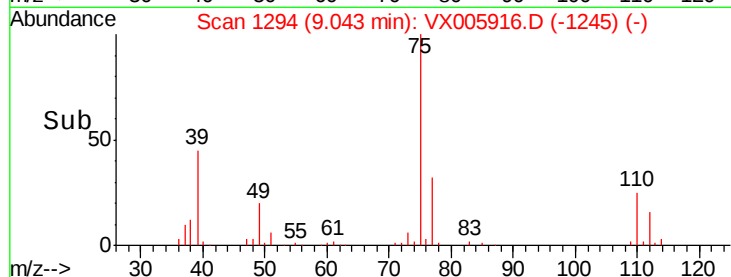
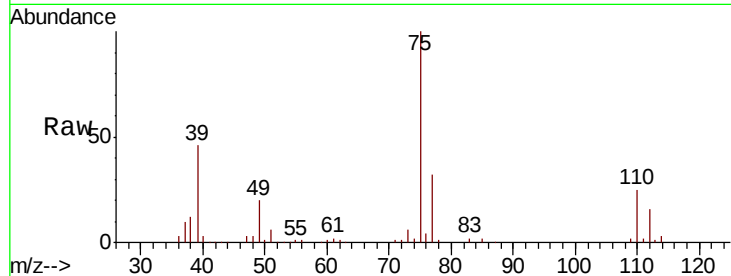
#53
 t-1,3-Dichloropropene
 Concen: 53.361 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005916.D
 Acq: 12 Nov 2018 22:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW273-181108MSD

Tot Ion: 75 Resp: 73829
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2

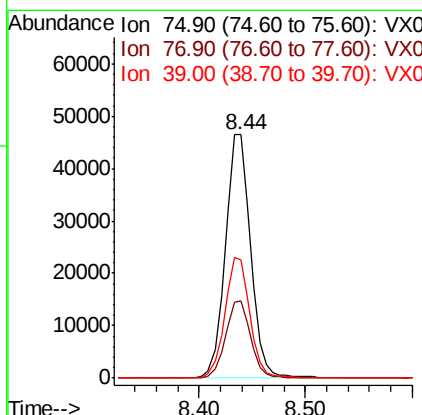
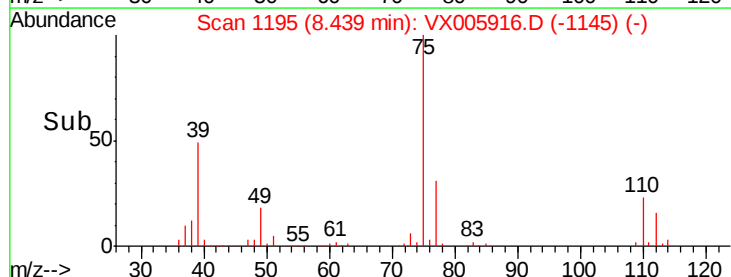
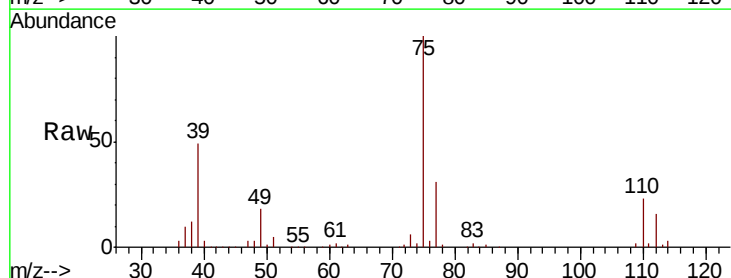
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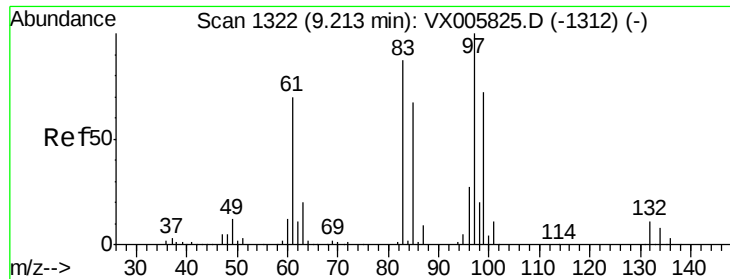
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 54.683 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX005916.D
 Acq: 12 Nov 2018 22:13

Tgt Ion: 75 Resp: 77114
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8
 39 48.7 38.2 57.2





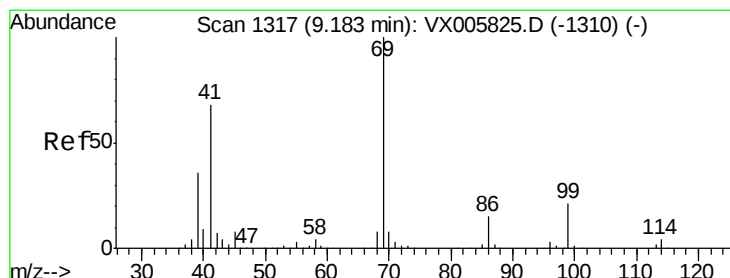
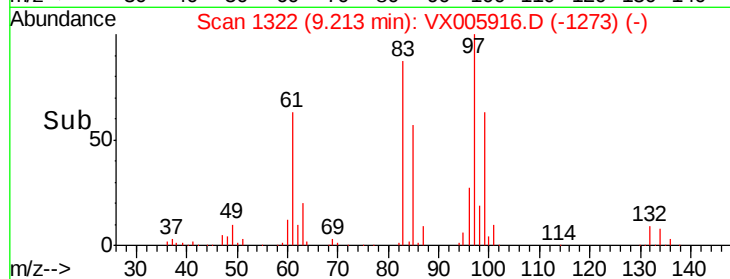
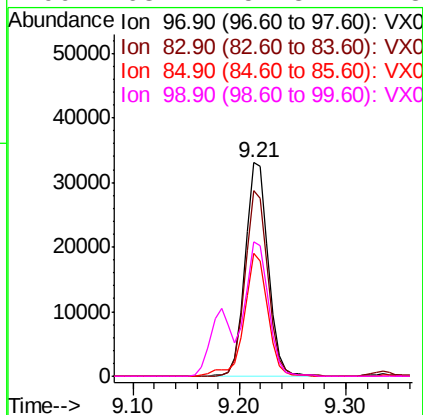
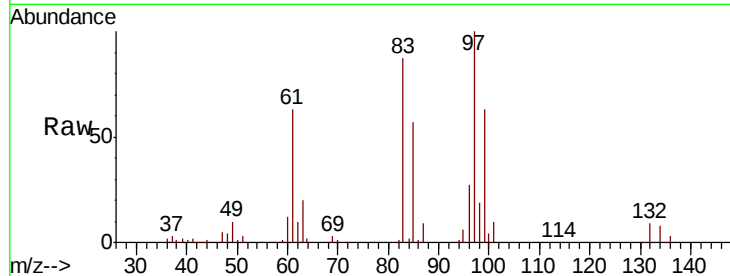
#55
 1,1,2-Trichloroethane
 Concen: 49.641 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005916.D
 Acq: 12 Nov 2018 22:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW273-181108MSD

Tot Ion:	97	Resp:	50364
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.7	106.1
85	57.4	45.8	68.6
99	63.1	51.8	77.8

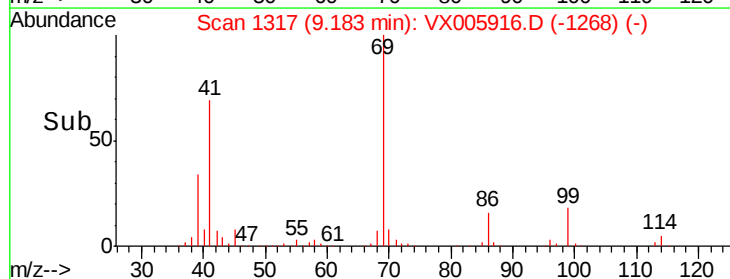
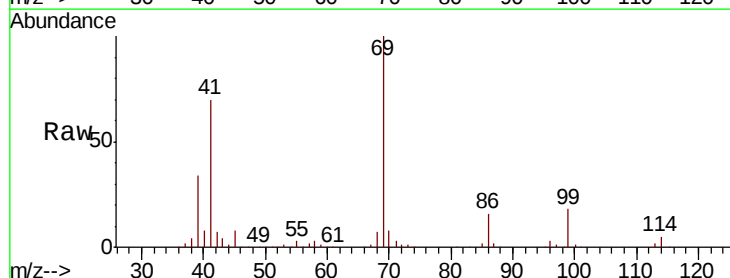
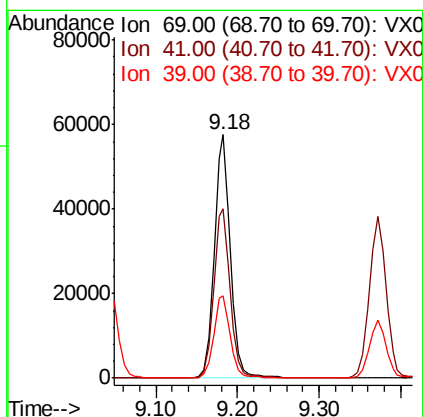
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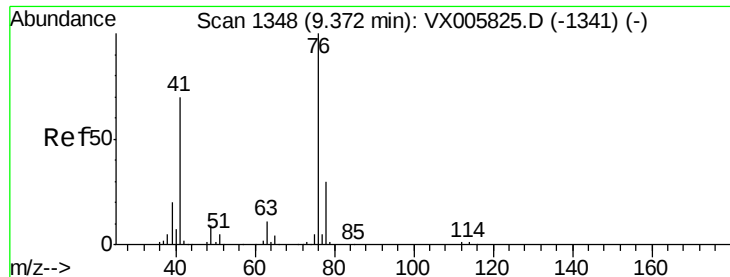
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#56
 Ethyl methacrylate
 Concen: 52.921 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005916.D
 Acq: 12 Nov 2018 22:13

Tgt Ion:	69	Resp:	80336
Ion	Ratio	Lower	Upper
69	100		
41	71.8	57.0	85.6
39	34.9	28.3	42.5





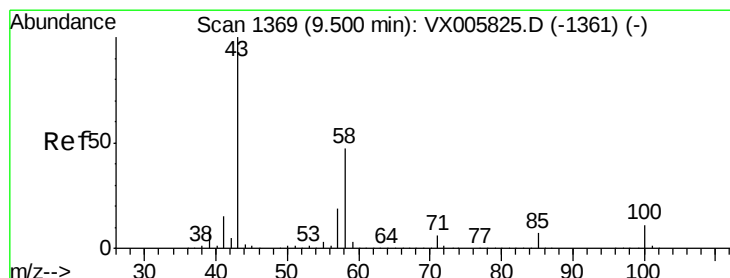
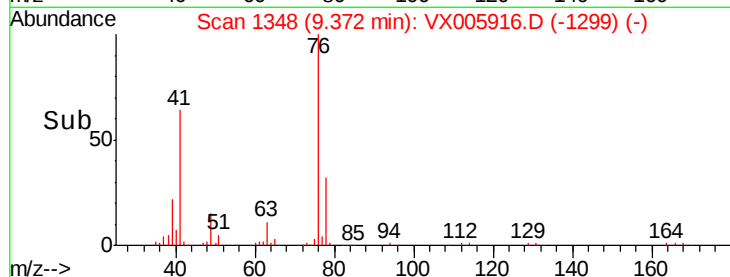
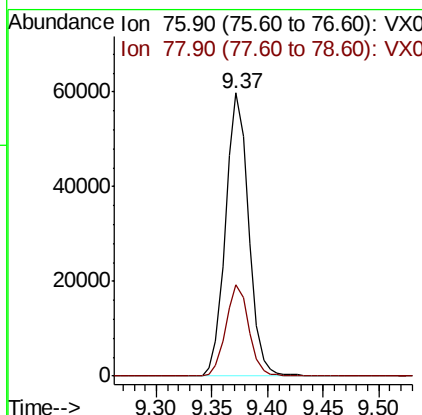
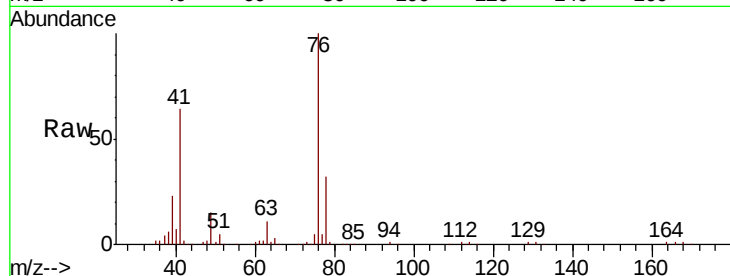
#57
 1,3-Dichloropropane
 Concen: 50.465 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005916.D
 Acq: 12 Nov 2018 22:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW273-181108MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.3	37.9

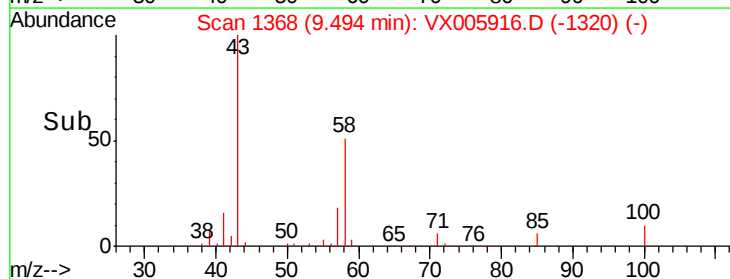
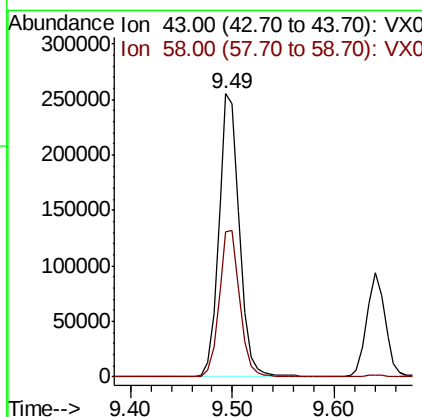
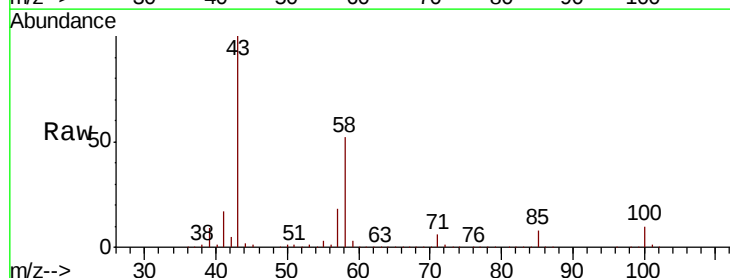
Manual Integrations
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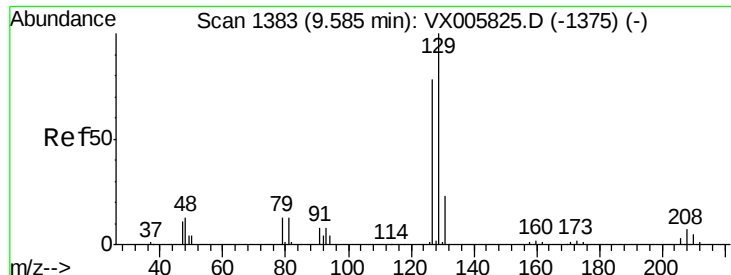
MMDadoda
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#59
 2-Hexanone
 Concen: 241.836 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VX005916.D
 Acq: 12 Nov 2018 22:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	52.3	25.9	77.8





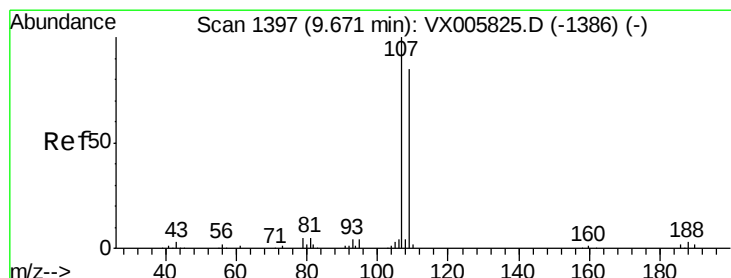
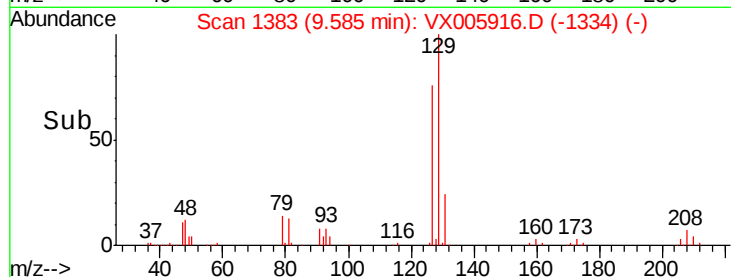
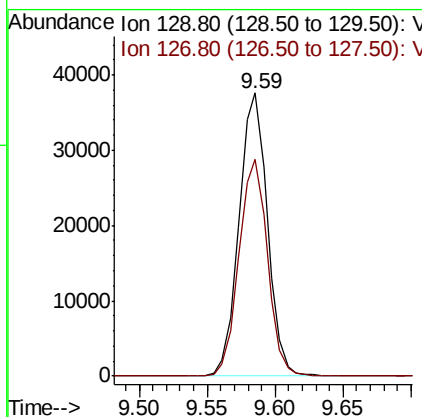
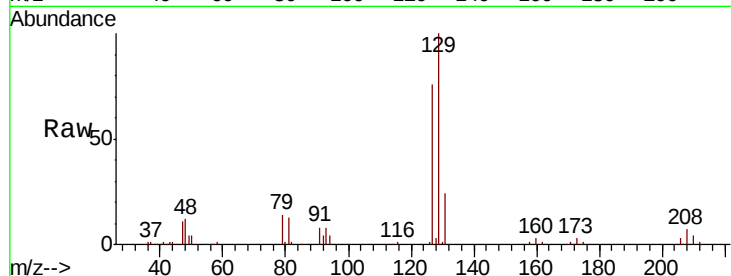
#60
Dibromochloromethane
Concen: 49.857 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Instrument :
MSVOA_X
ClientSampleId :
SS003MW273-181108MSD

Tot Ion:129 Resp: 54667
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.7

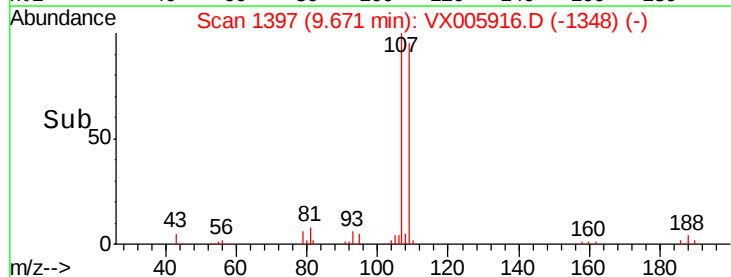
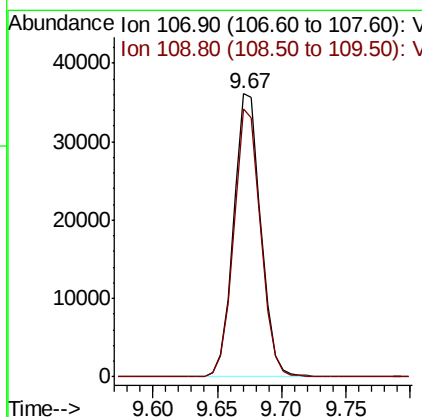
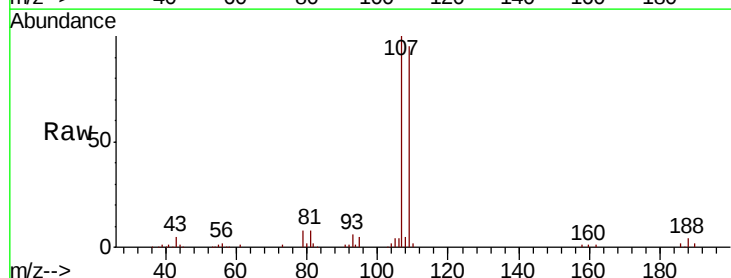
Manual Integrations
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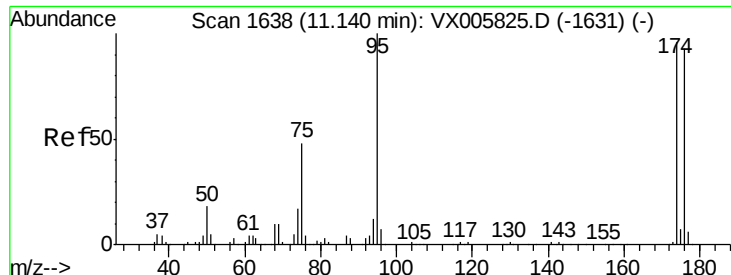
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#61
1,2-Dibromoethane
Concen: 47.213 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion:107 Resp: 52967
Ion Ratio Lower Upper
107 100
109 93.7 75.7 113.5





#62

4-Bromofluorobenzene

Concen: 56.923 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Instrument :

MSVOA_X

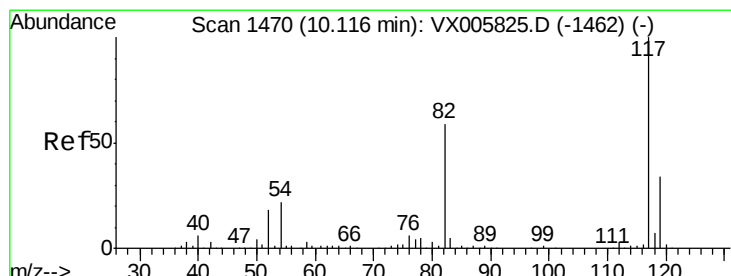
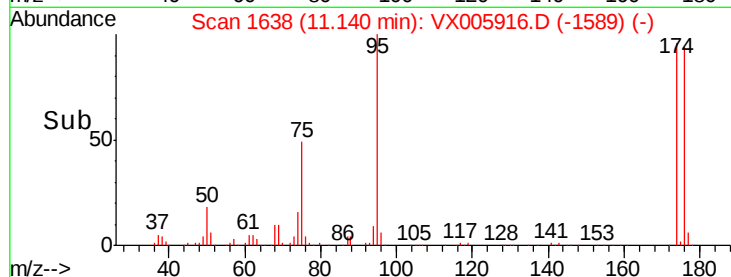
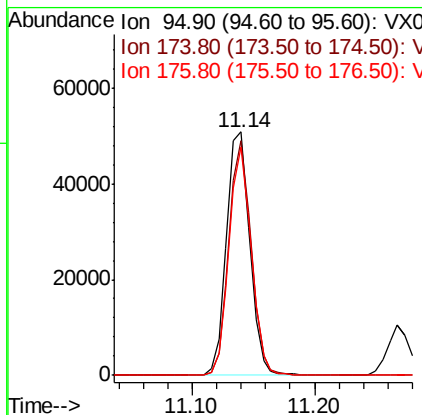
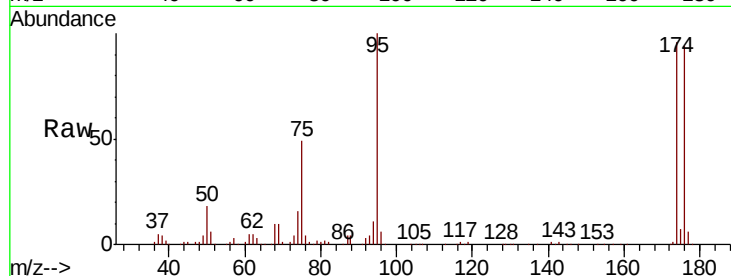
ClientSampleId :

SS003MW273-181108MSD

Tot Ion:	95	Resp:	67073
Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	184.4
176	89.0	0.0	177.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

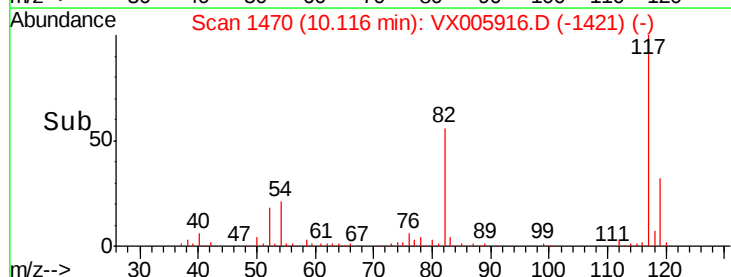
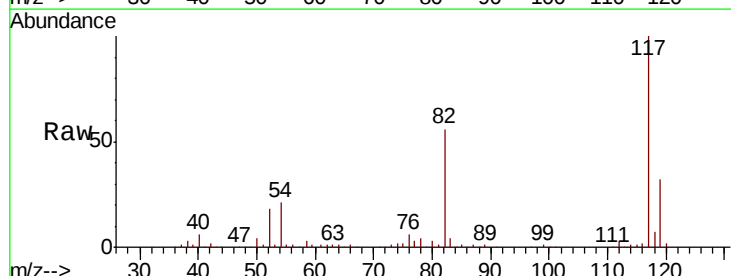
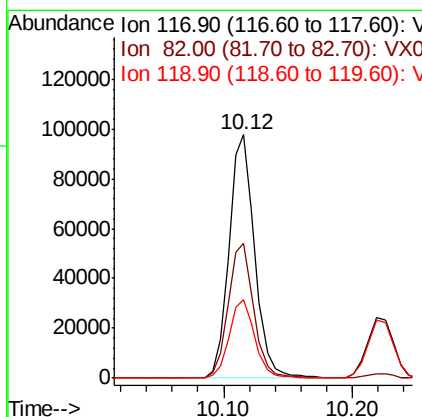
RT: 10.12 min Scan# 1470

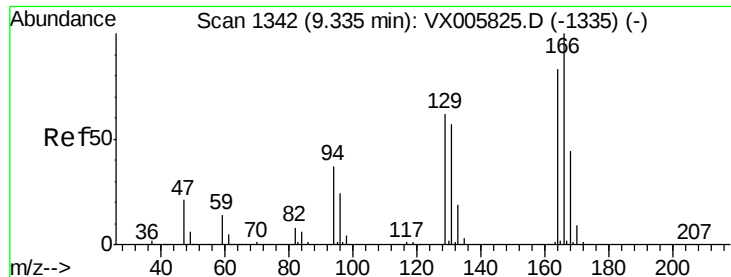
Delta R.T. -0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Tgt Ion:	117	Resp:	136079
Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.1	66.1
119	32.2	26.2	39.2





#64

Tetrachloroethene

Concen: 45.884 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Instrument :

MSVOA_X

ClientSampleId :

SS003MW273-181108MSD

Tot Ion:164 Resp: 53160

Ion Ratio Lower Upper

164 100

166 126.7 101.9 152.9

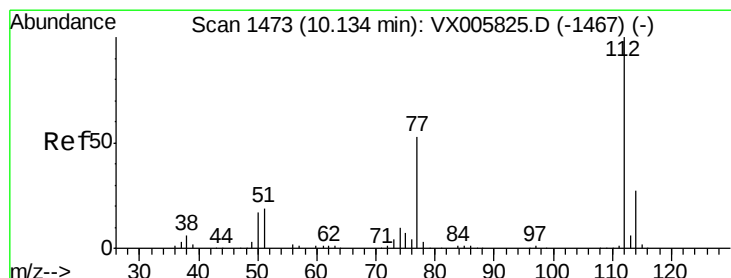
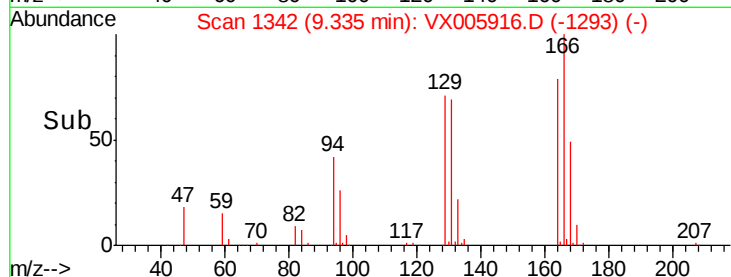
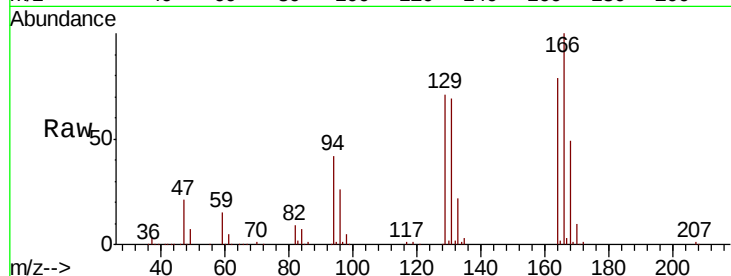
129 89.9 72.6 109.0

131 87.2 71.1 106.7

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#65

Chlorobenzene

Concen: 51.104 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX005916.D

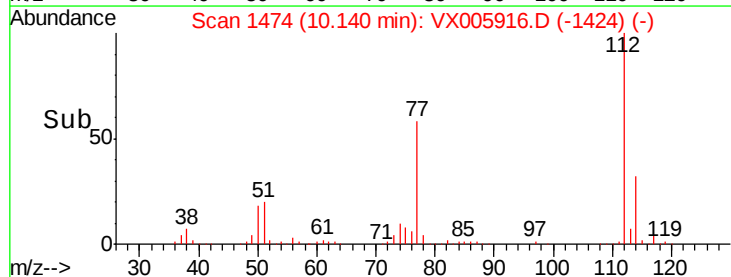
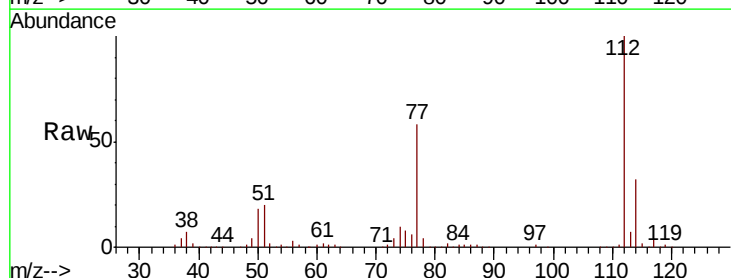
Acq: 12 Nov 2018 22:13

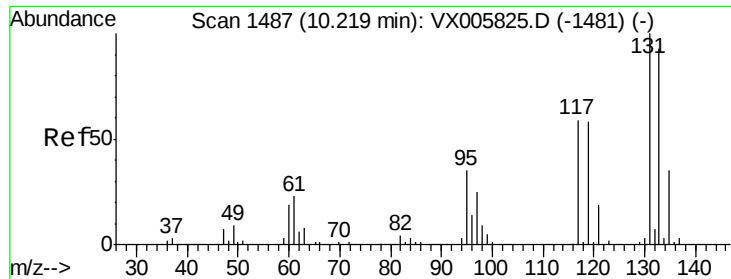
Tgt Ion:112 Resp: 139315

Ion Ratio Lower Upper

112 100

114 31.9 25.8 38.6





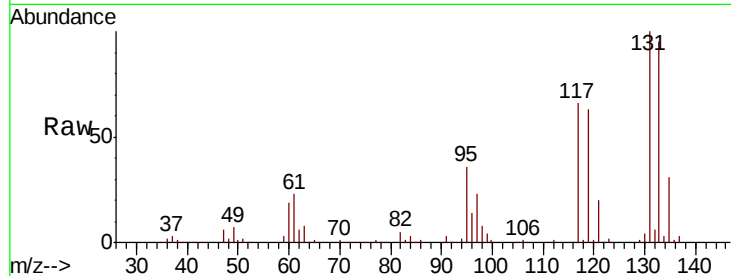
#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.760 ug/l
 RT: 10.23 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VX005916.D
 Acq: 12 Nov 2018 22:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW273-181108MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.5	142.5
119	63.8	31.8	95.3

Manual Integrations
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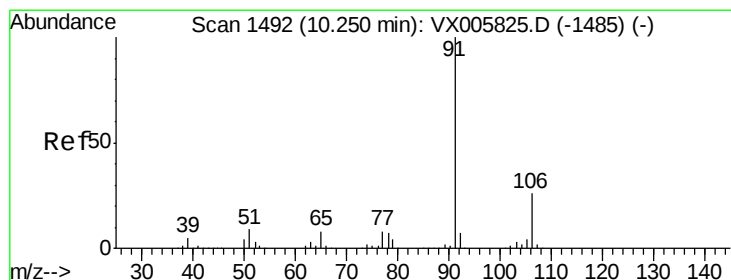
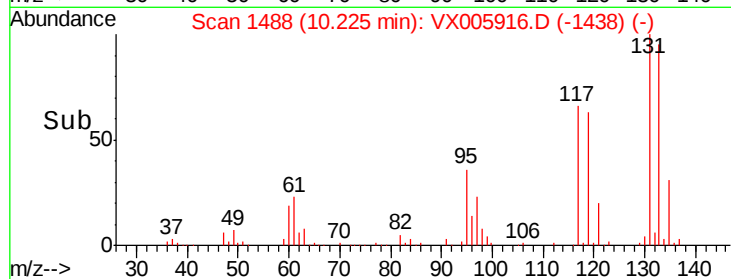
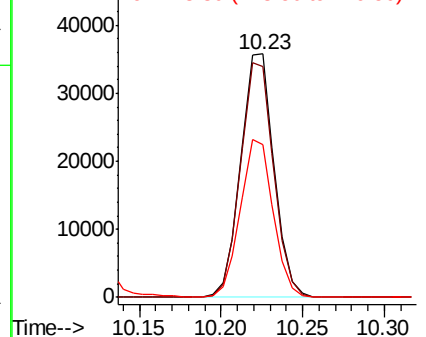


Abundance

Ion 130.80 (130.50 to 131.50): V

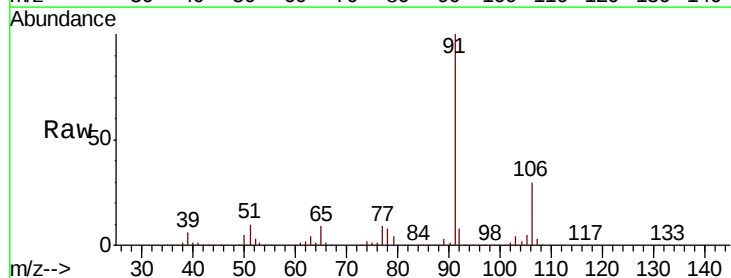
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67
 Ethyl Benzene
 Concen: 54.145 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX005916.D
 Acq: 12 Nov 2018 22:13

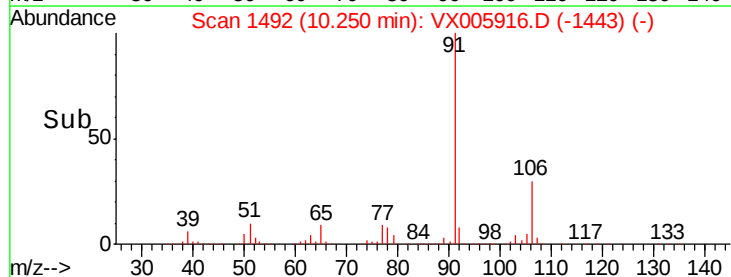
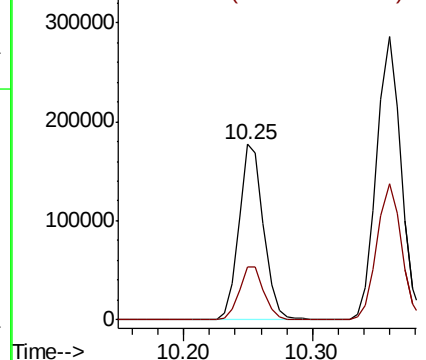
Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.4	36.6

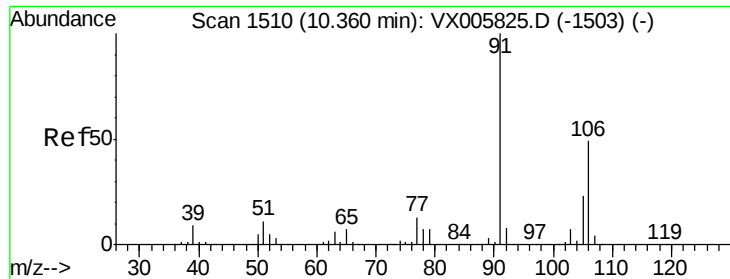


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





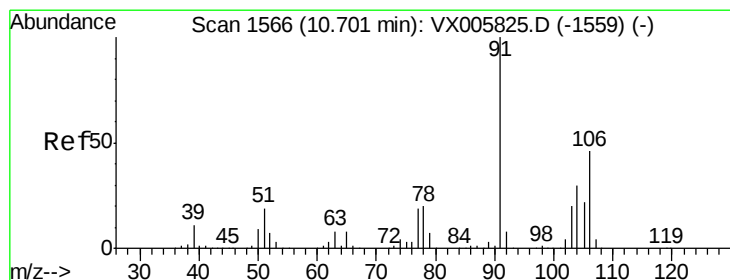
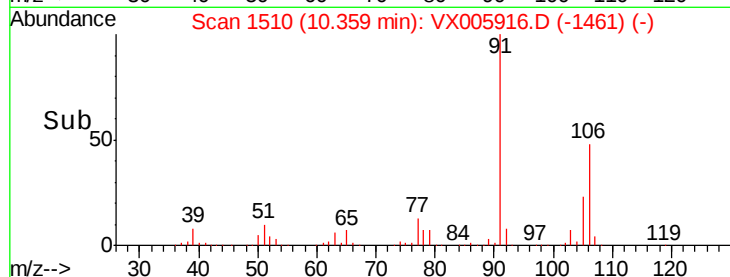
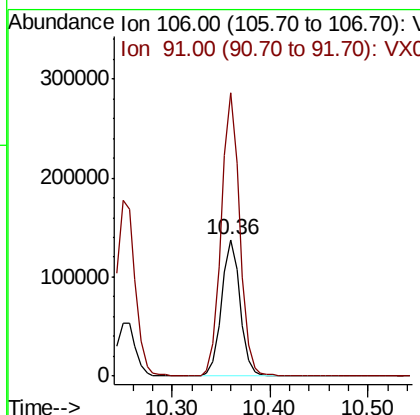
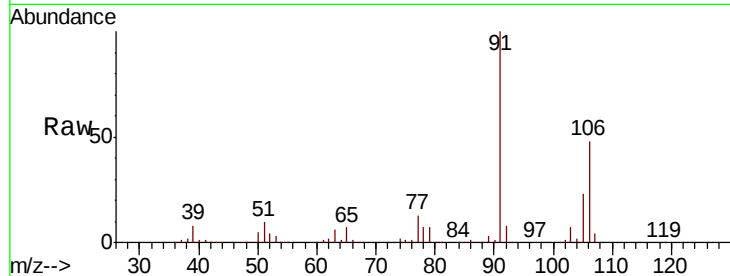
#68
m/p-Xylenes
Concen: 108.702 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Instrument :
MSVOA_X
ClientSampleId :
SS003MW273-181108MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		181251		
91	206.8	164.2	246.4		

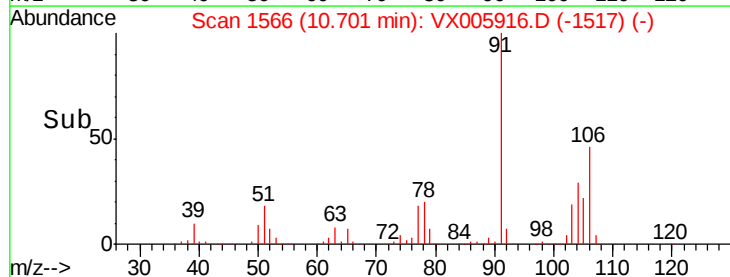
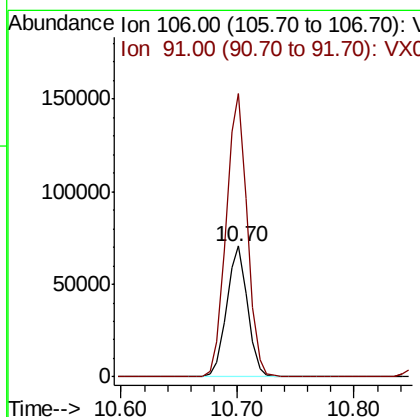
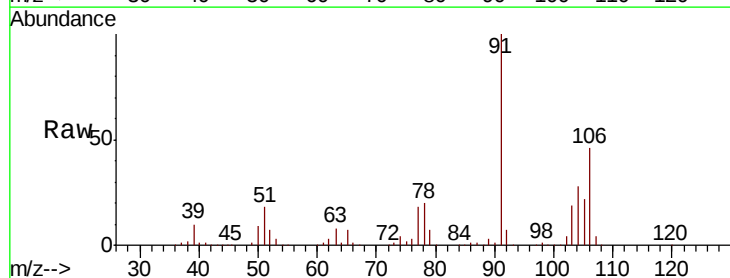
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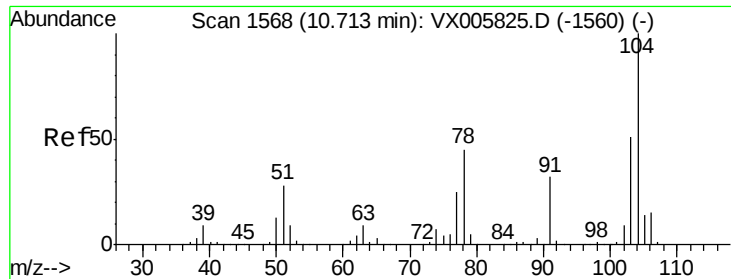
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#69
o-Xylene
Concen: 58.607 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		87627		
91	218.4	108.5	325.5		





#70

Stvrene

Concen: 59.253 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Instrument :

MSVOA_X

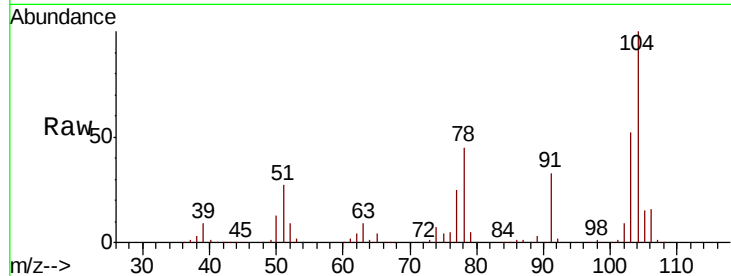
ClientSampleId :

SS003MW273-181108MSD

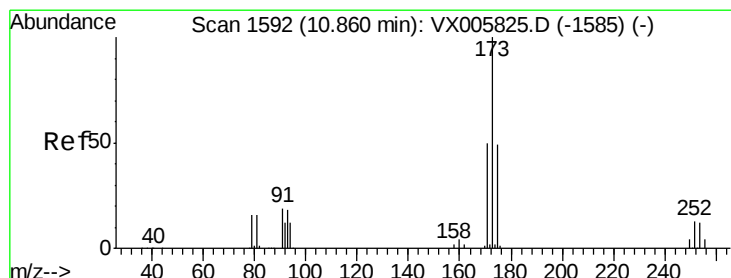
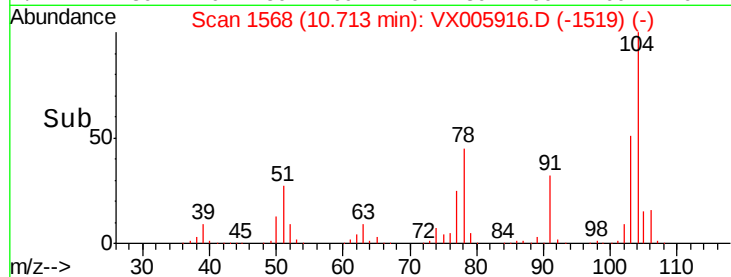
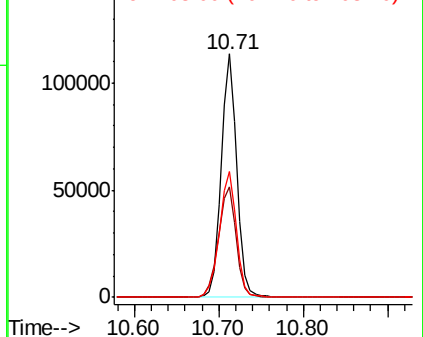
Tot Ion:	104	Resp:	146146
Ion Ratio	Lower	Upper	
104	100		
78	51.9	40.2	60.4
103	56.3	44.9	67.3

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Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 57.100 ug/l

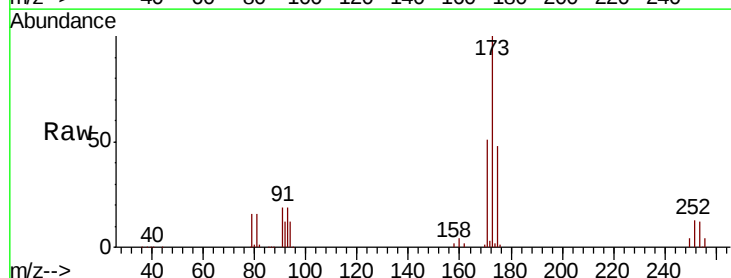
RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

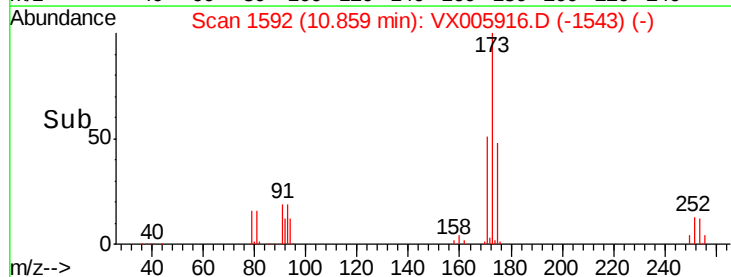
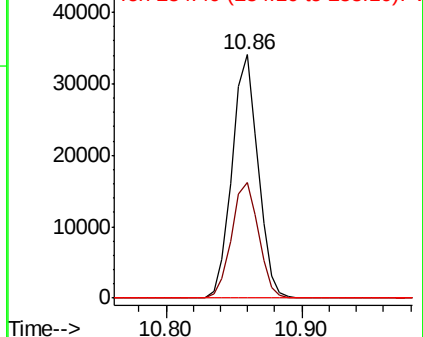
Lab File: VX005916.D

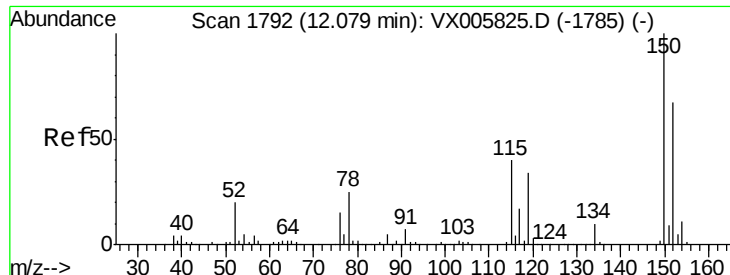
Acq: 12 Nov 2018 22:13

Tgt Ion:	173	Resp:	45365
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.8	74.3
254	0.1	0.2	0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Instrument :

MSVOA_X

ClientSampleId :

SS003MW273-181108MSD

Tot Ion:152 Resp: 75940

Ion Ratio Lower Upper

152 100

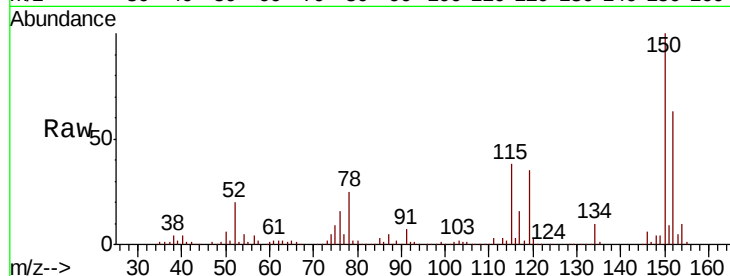
115 77.8 39.4 118.1

150 172.7 0.0 346.4

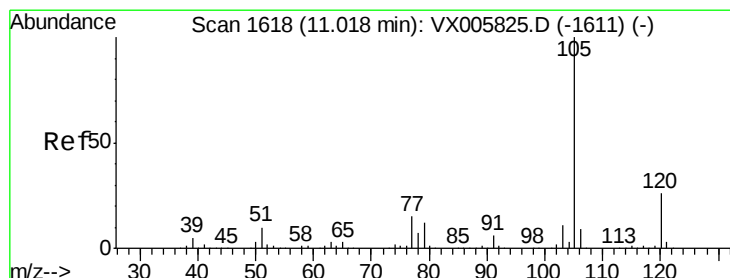
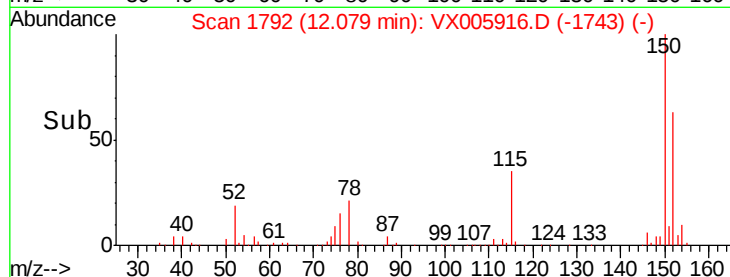
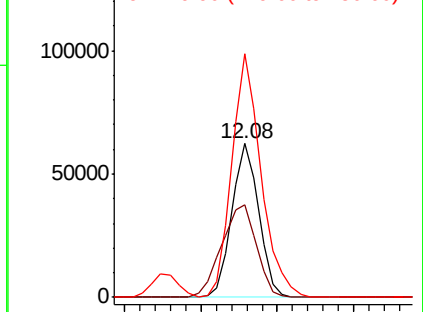
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 55.010 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005916.D

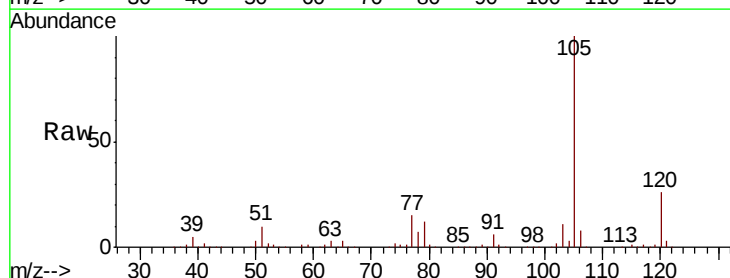
Acq: 12 Nov 2018 22:13

Tgt Ion:105 Resp: 241576

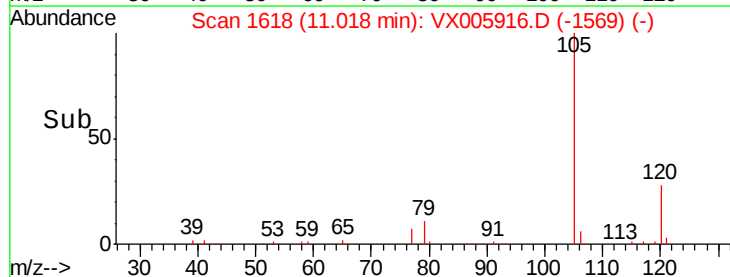
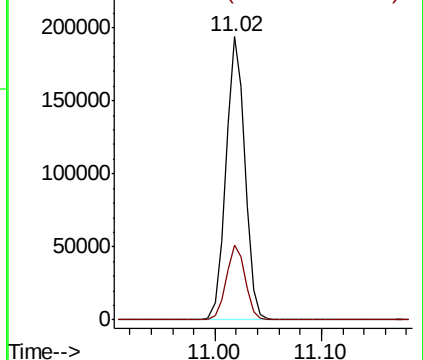
Ion Ratio Lower Upper

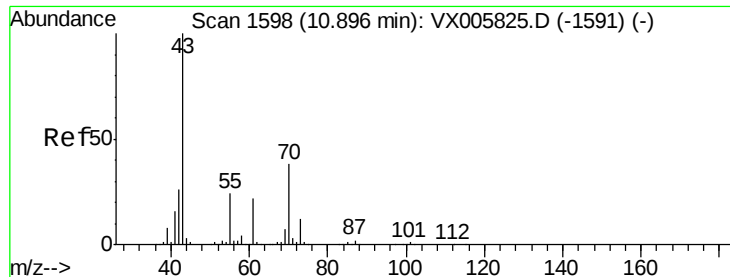
105 100

120 26.3 13.1 39.3



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





#74

N-amvl acetate

Concen: 48.157 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Instrument :

MSVOA_X

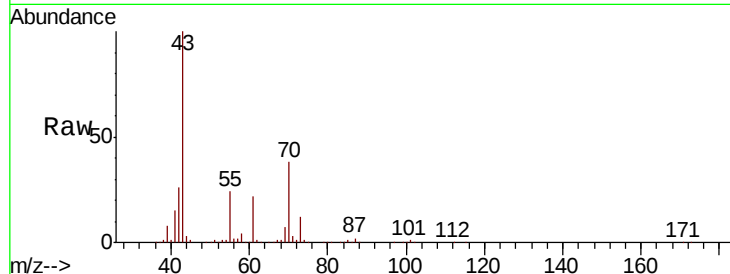
ClientSampleId :

SS003MW273-181108MSD

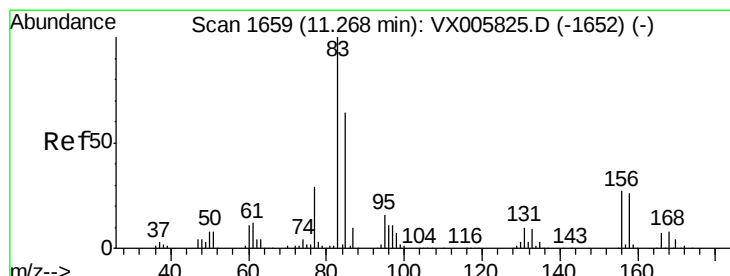
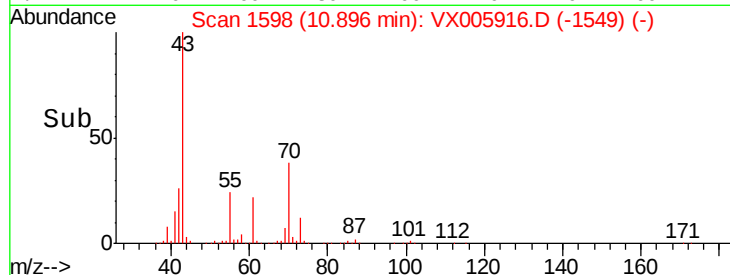
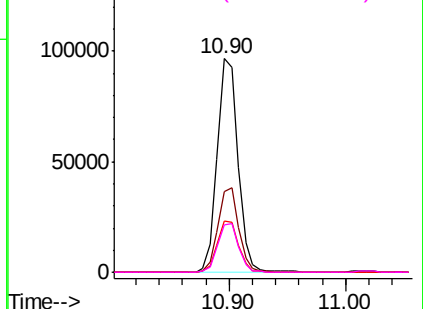
Tot Ion	Ratio	Lower	Upper
43	100		
70	39.5	31.6	47.4
55	24.4	19.7	29.5
61	23.0	18.3	27.5

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Abundance Ion 43.00 (42.70 to 43.70): VX0
150000 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: 51.380 ug/l

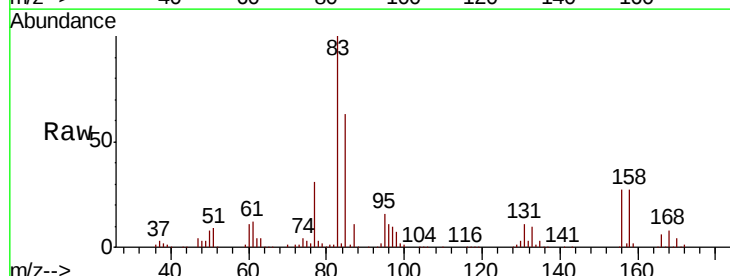
RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

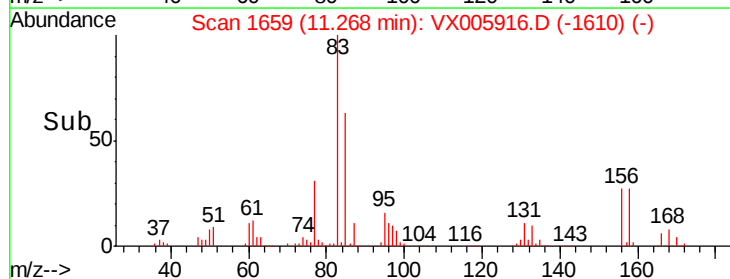
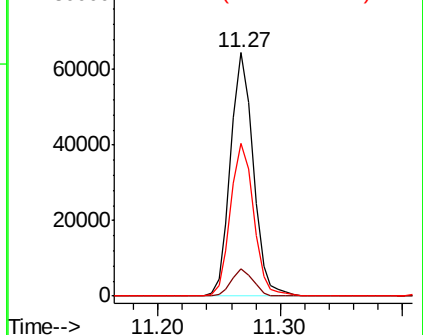
Lab File: VX005916.D

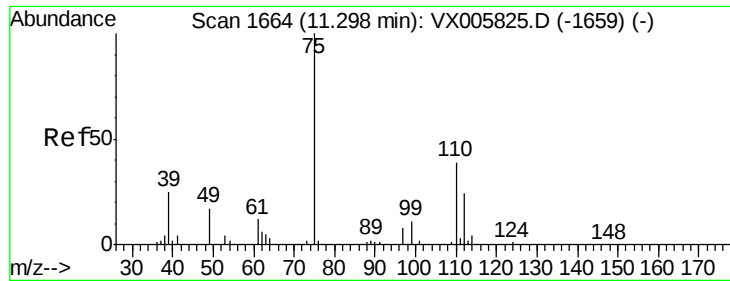
Acq: 12 Nov 2018 22:13

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.3	15.9
85	64.0	32.0	96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
80000 Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0





#76

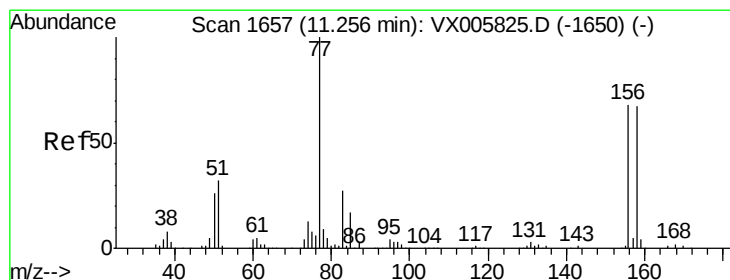
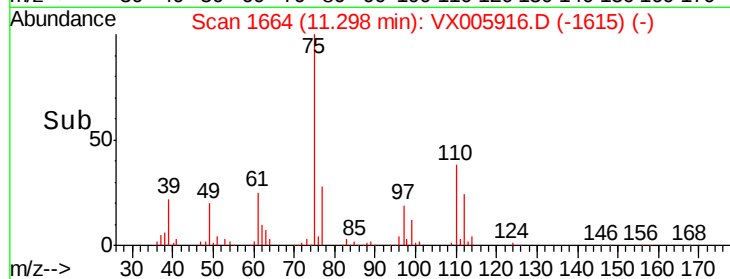
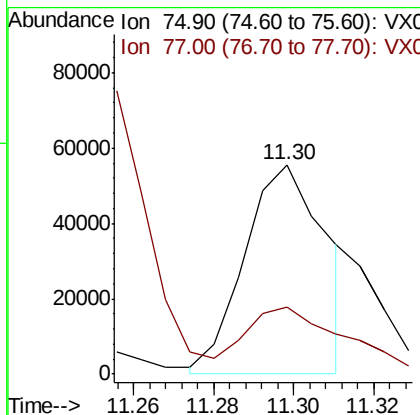
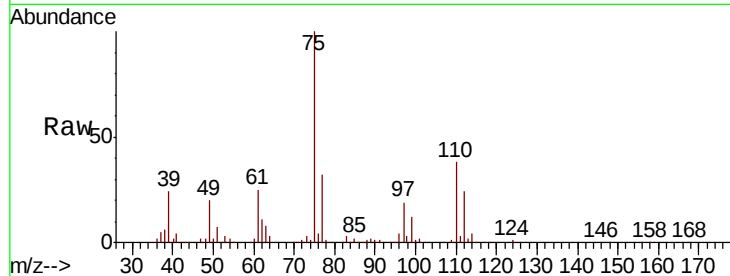
1,2,3-Trichloropropane
Concen: 50.654 ug/l m
RT: 11.30 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Instrument :
MSVOA_X
ClientSampleId :
SS003MW273-181108MSD

Tot Ion: 75 Resp: 78326
Ion Ratio Lower Upper
75 100
77 39.3 20.5 61.6

Manual Integrations
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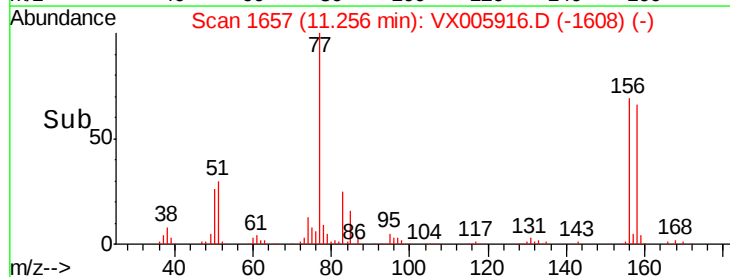
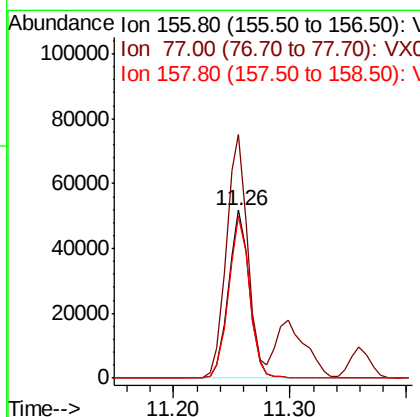
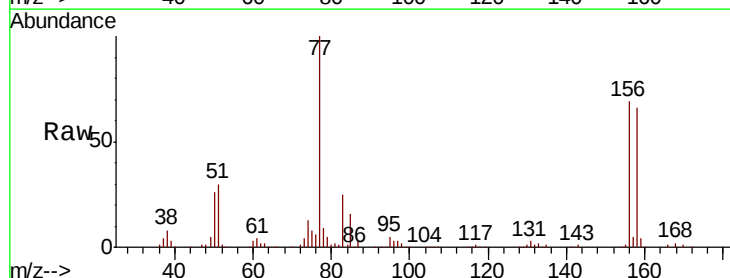
MMDadoda
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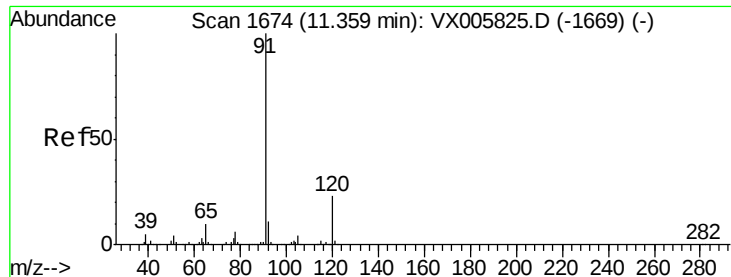


#77

Bromobenzene
Concen: 51.957 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 156 Resp: 64312
Ion Ratio Lower Upper
156 100
77 148.2 74.8 224.4
158 96.7 49.1 147.3





#78

n-propylbenzene

Concen: 53.393 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Instrument :

MSVOA_X

ClientSampleId :

SS003MW273-181108MSD

Tot Ion: 91 Resp: 276337

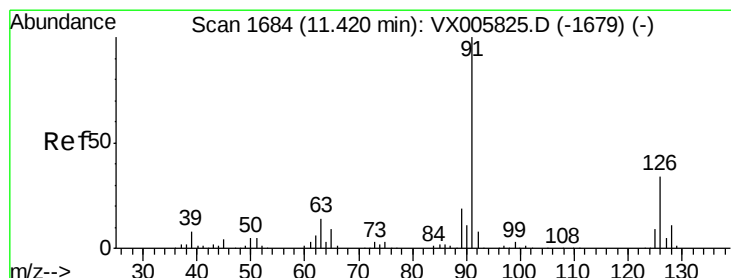
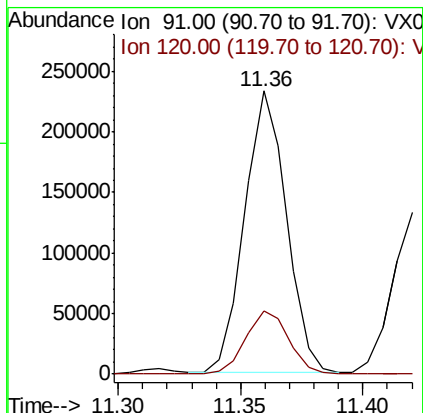
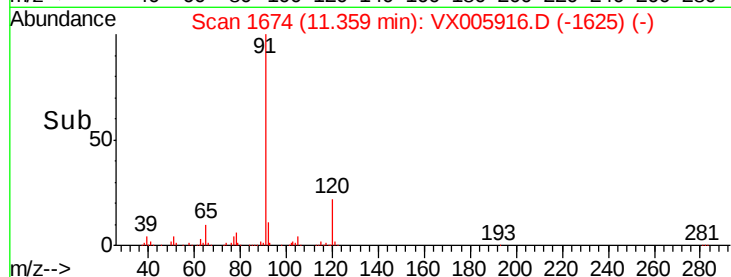
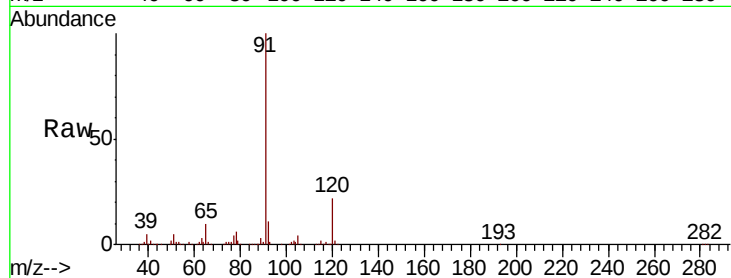
Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.5

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#79

2-Chlorotoluene

Concen: 53.134 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005916.D

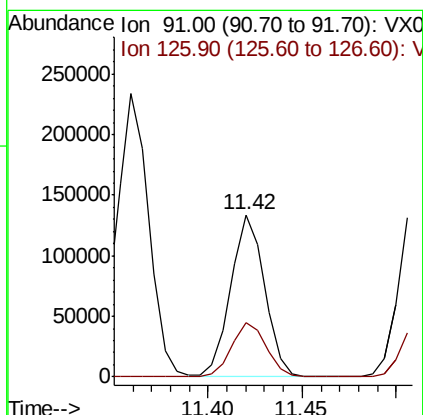
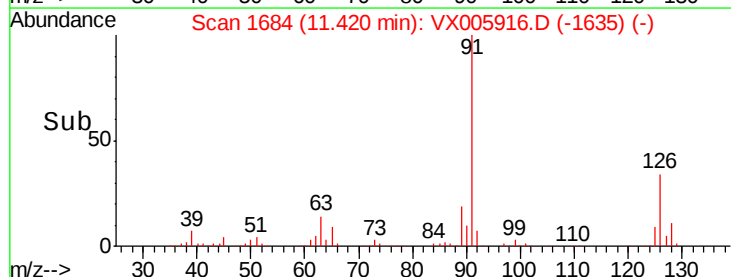
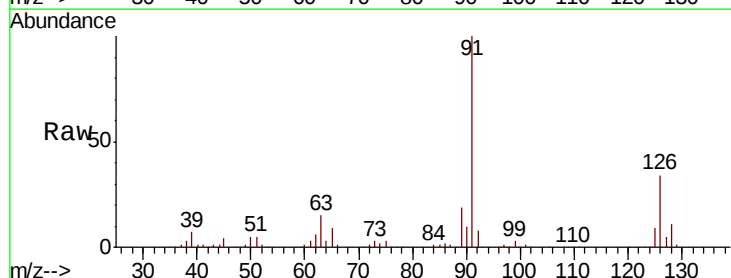
Acq: 12 Nov 2018 22:13

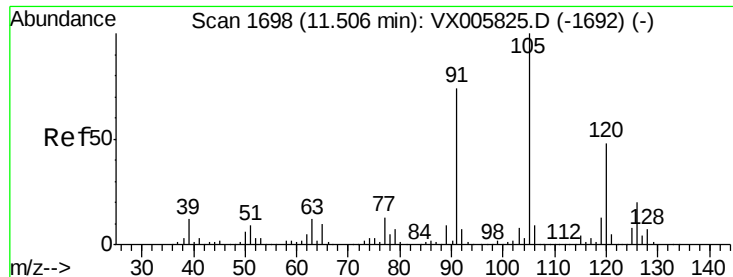
Tgt Ion: 91 Resp: 166217

Ion Ratio Lower Upper

91 100

126 34.4 17.3 52.0





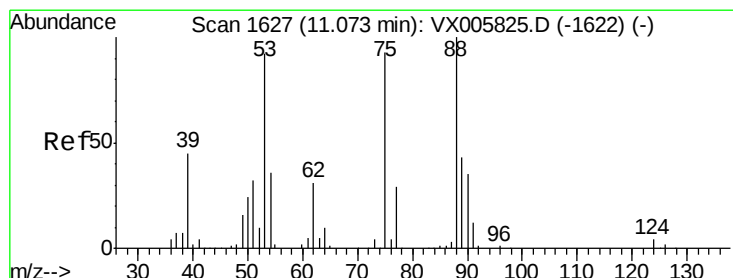
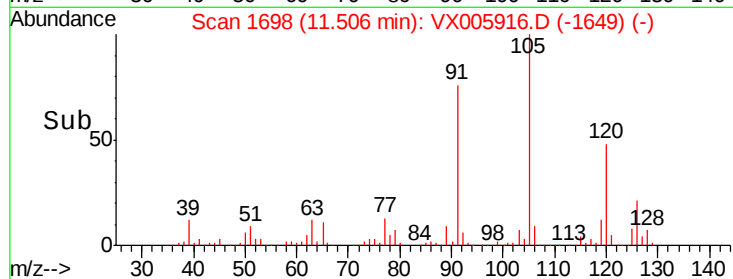
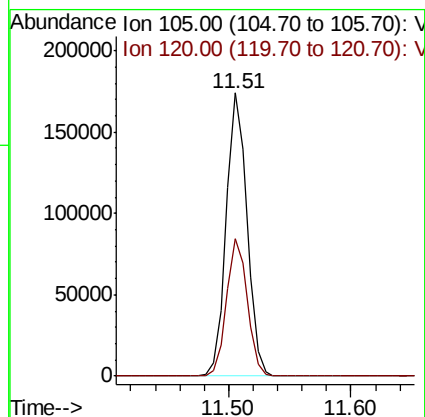
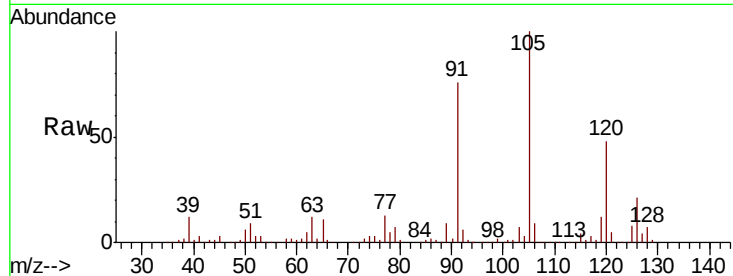
#80
 1,3,5-Trimethylbenzene
 Concen: 54.896 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005916.D
 Acq: 12 Nov 2018 22:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW273-181108MSD

Tot Ion:105 Resp: 204864
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.2

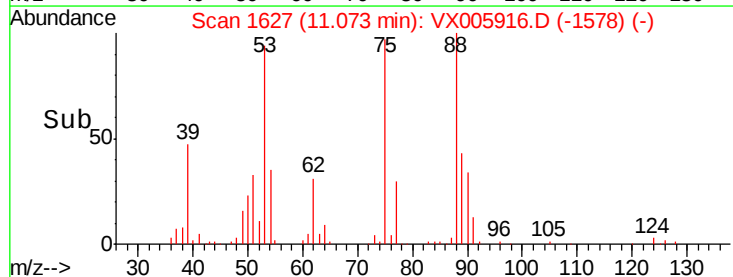
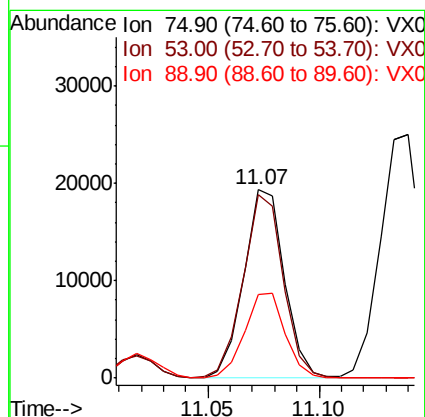
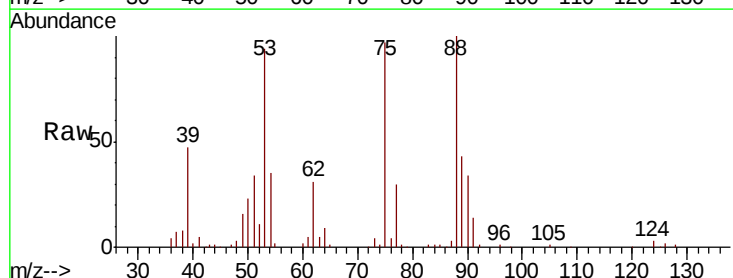
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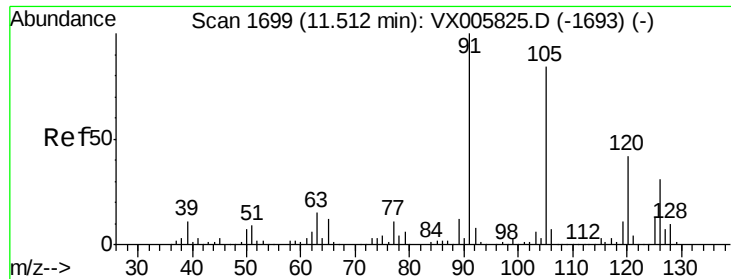
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.884 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX005916.D
 Acq: 12 Nov 2018 22:13

Tgt Ion: 75 Resp: 24687
 Ion Ratio Lower Upper
 75 100
 53 96.5 80.2 120.2
 89 44.9 39.8 59.8





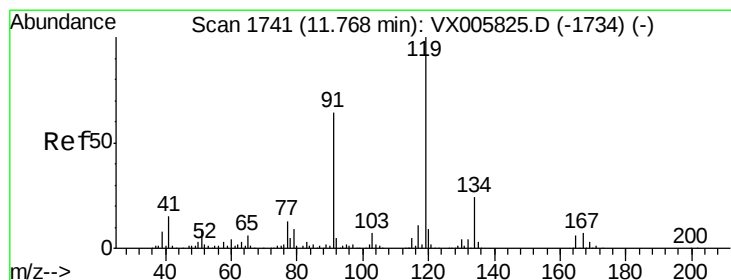
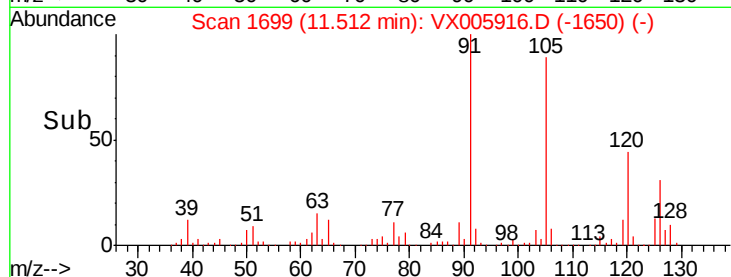
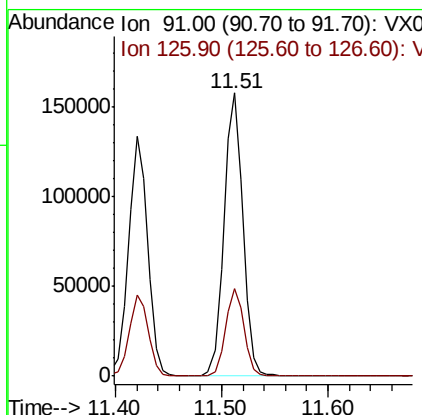
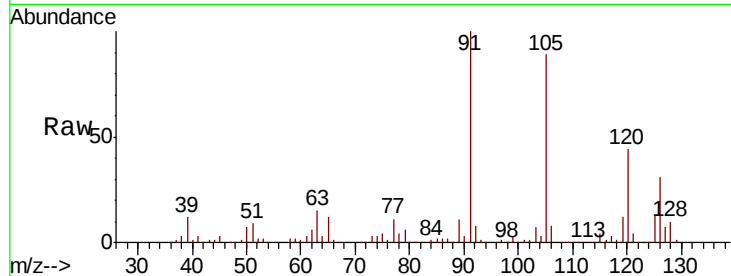
#82
4-Chlorotoluene
Concen: 53.181 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Instrument :
MSVOA_X
ClientSampleId :
SS003MW273-181108MSD

Tot Ion: 91 Resp: 196069
Ion Ratio Lower Upper
91 100
126 30.2 15.2 45.6

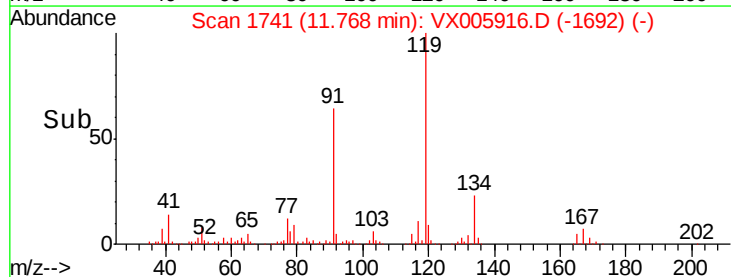
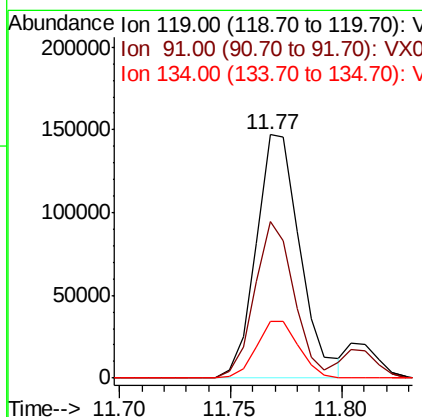
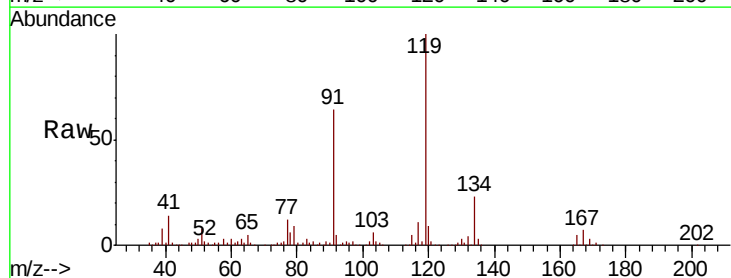
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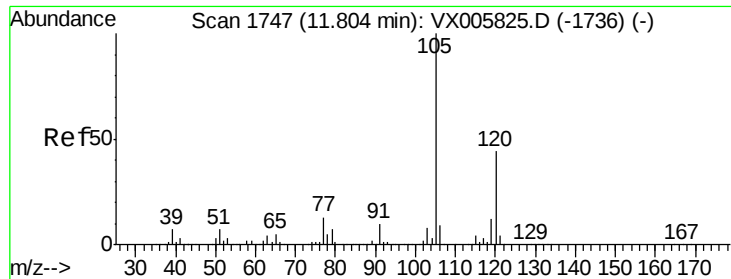
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#83
tert-Butylbenzene
Concen: 53.687 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion: 119 Resp: 202692
Ion Ratio Lower Upper
119 100
91 57.5 28.5 85.5
134 22.5 11.3 33.8





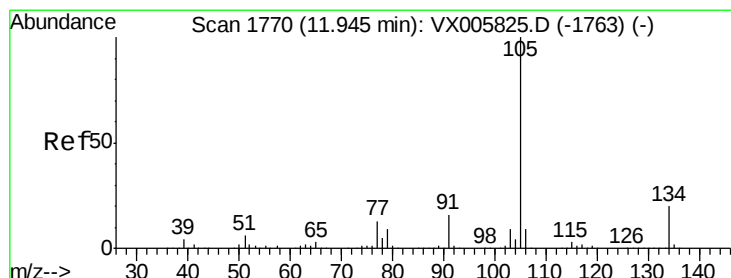
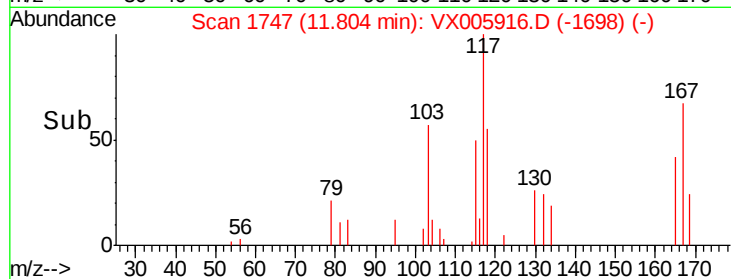
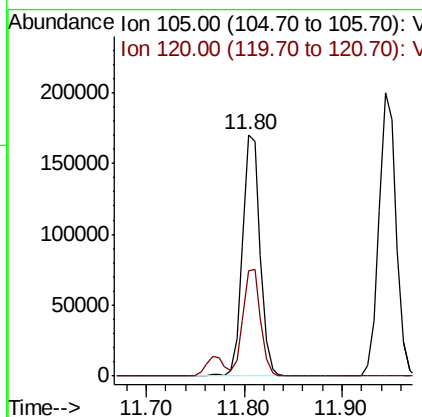
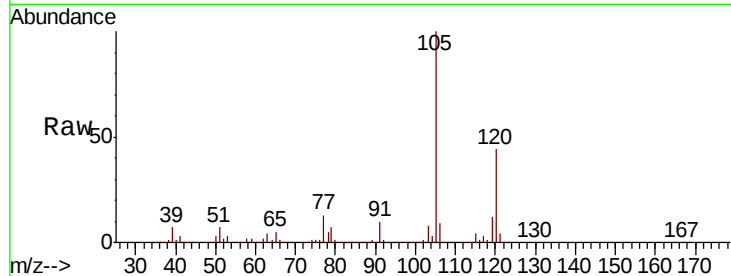
#84
 1,2,4-Trimethylbenzene
 Concen: 51.407 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX005916.D
 Acq: 12 Nov 2018 22:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW273-181108MSD

Tot Ion:105 Resp: 211703
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.0

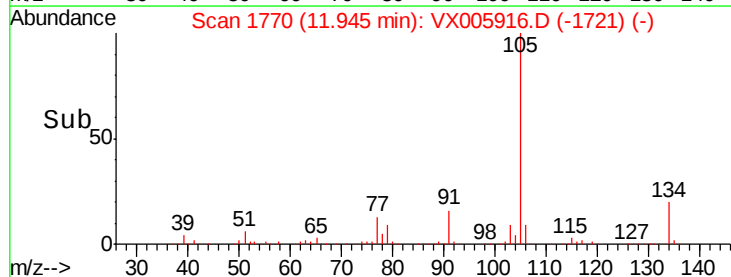
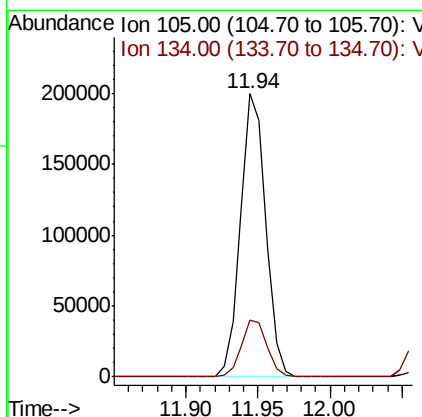
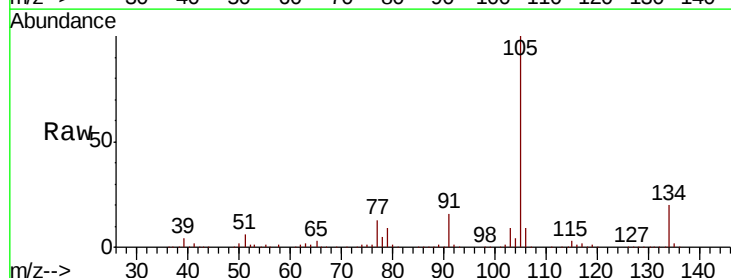
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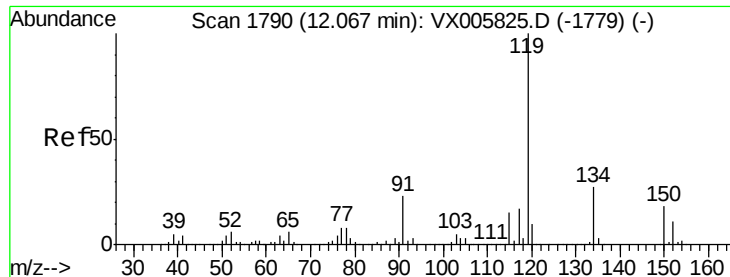
MMDadoda
 11/13/2018 12:19:17 PM



#85
 sec-Butylbenzene
 Concen: 52.575 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005916.D
 Acq: 12 Nov 2018 22:13

Tgt Ion:105 Resp: 242731
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.4





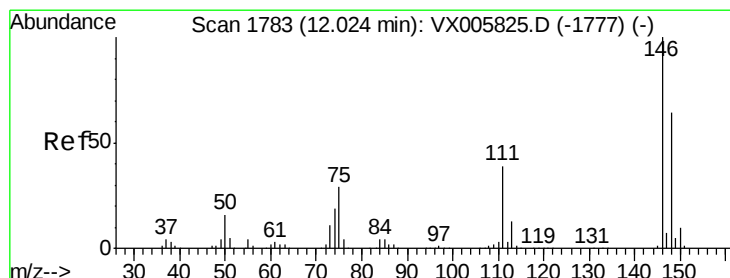
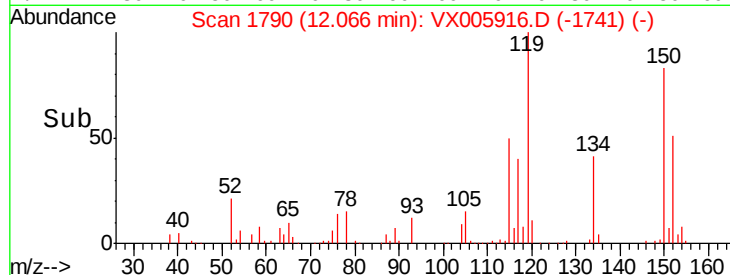
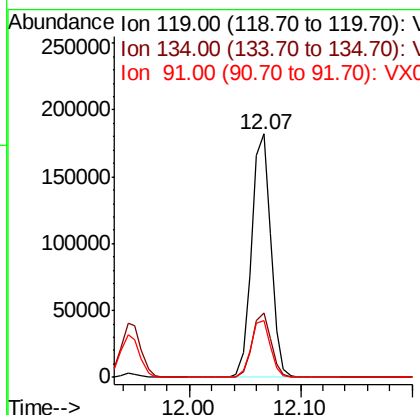
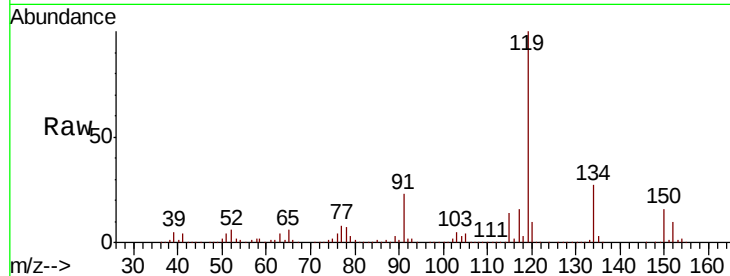
#86
 p-Isopropyltoluene
 Concen: 53.353 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005916.D
 Acq: 12 Nov 2018 22:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW273-181108MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
119	100		
134	26.1	13.0	39.0
91	23.5	11.4	34.2

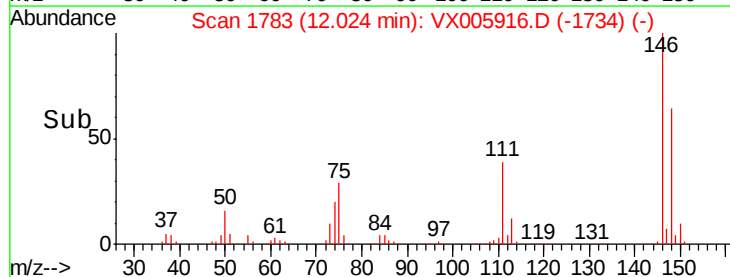
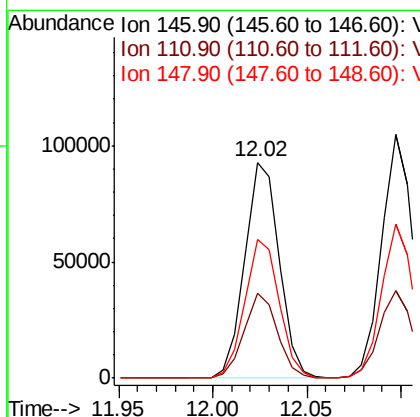
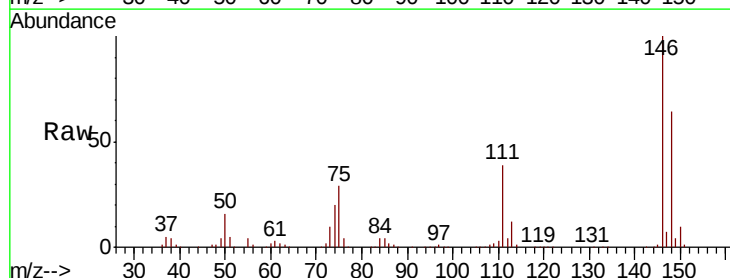
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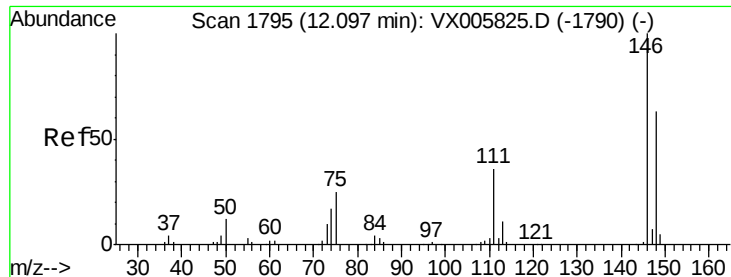
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#87
 1,3-Dichlorobenzene
 Concen: 49.781 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005916.D
 Acq: 12 Nov 2018 22:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	38.3	19.0	57.0
148	64.0	31.9	95.9





#88

1,4-Dichlorobenzene

Concen: 51.051 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Instrument :

MSVOA_X

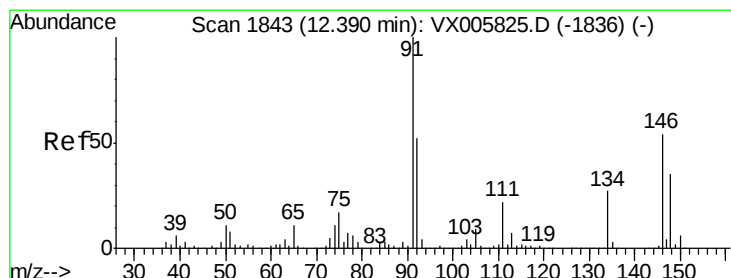
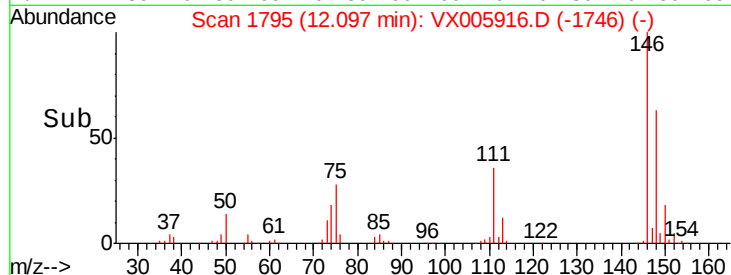
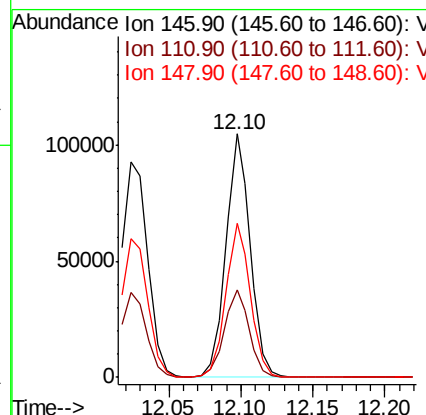
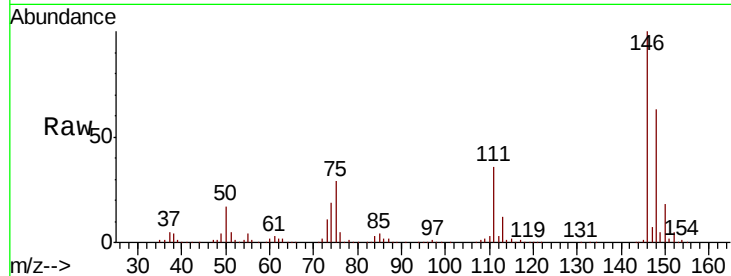
ClientSampleId :

SS003MW273-181108MSD

Tot Ion:	146	Resp:	124146
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.6	55.8
148	64.0	32.1	96.3

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#89

n-Butylbenzene

Concen: 50.534 ug/l

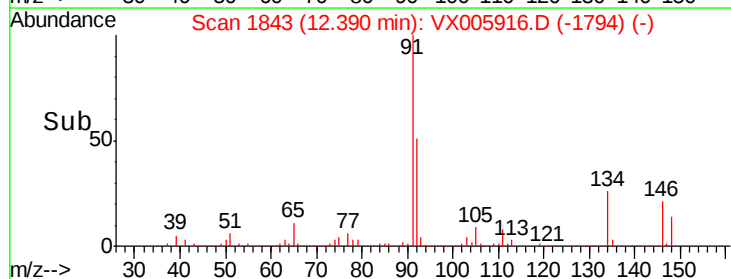
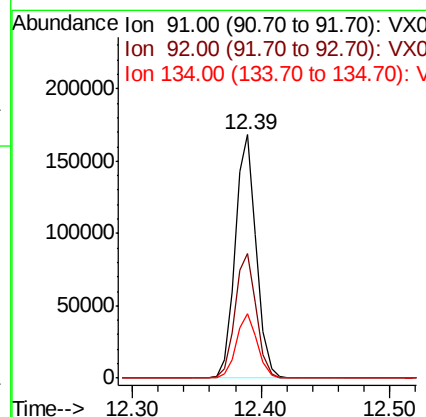
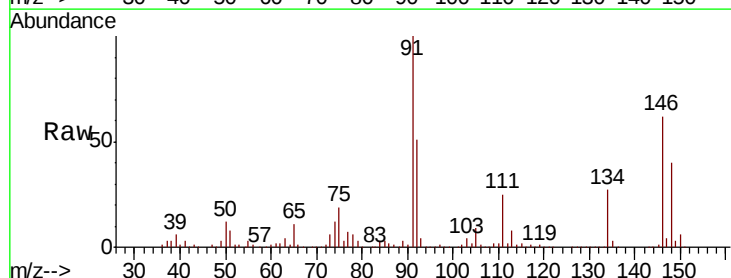
RT: 12.39 min Scan# 1843

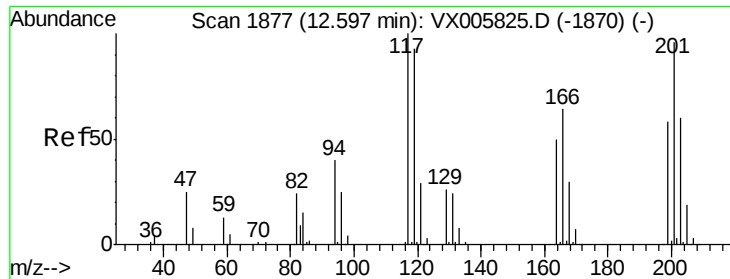
Delta R.T. -0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Tgt Ion:	91	Resp:	191531
Ion Ratio	Lower	Upper	
91	100		
92	52.1	26.1	78.2
134	26.3	13.1	39.3





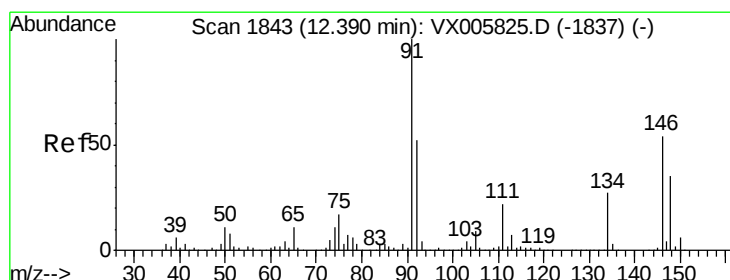
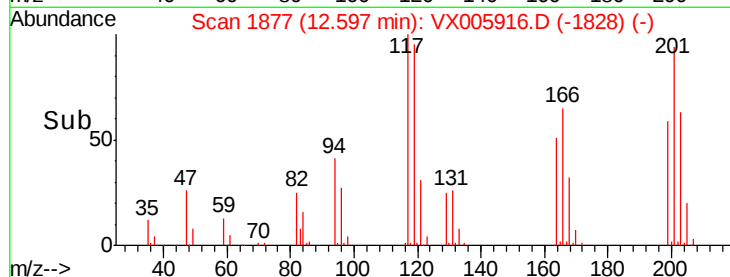
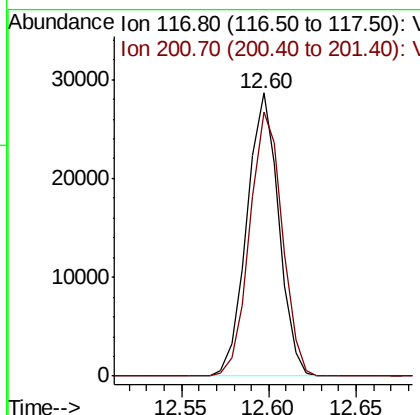
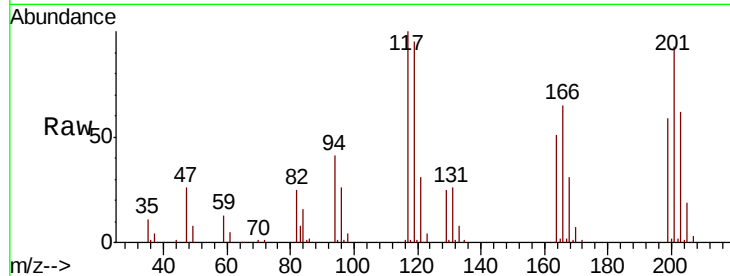
#90
Hexachloroethane
Concen: 53.024 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Instrument :
MSVOA_X
ClientSampleId :
SS003MW273-181108MSD

Tot Ion:117 Resp: 36203
Ion Ratio Lower Upper
117 100
201 95.4 47.9 143.6

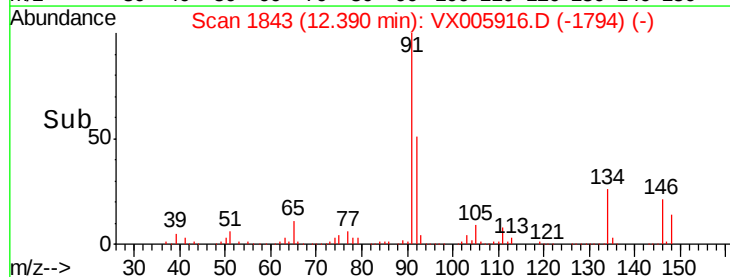
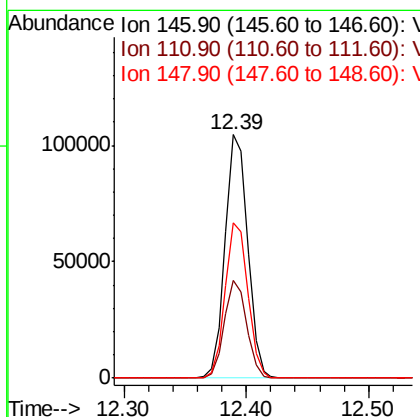
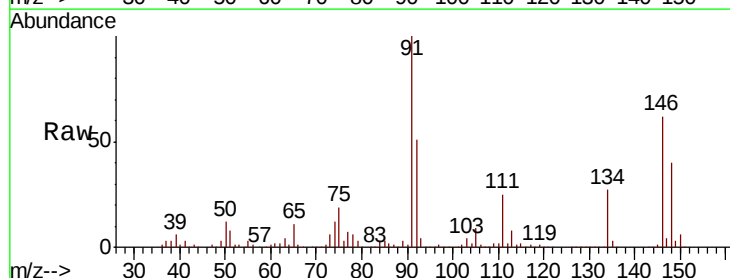
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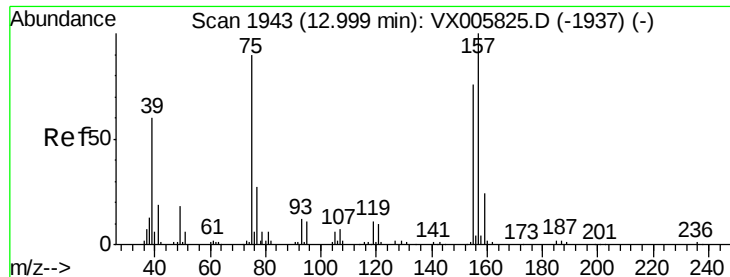
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#91
1,2-Dichlorobenzene
Concen: 56.095 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005916.D
Acq: 12 Nov 2018 22:13

Tgt Ion:146 Resp: 133491
Ion Ratio Lower Upper
146 100
111 39.8 20.0 59.9
148 64.2 32.2 96.6





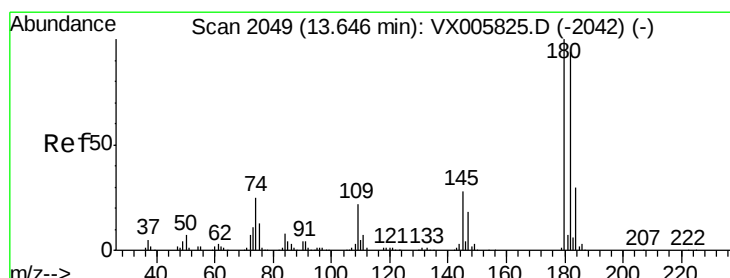
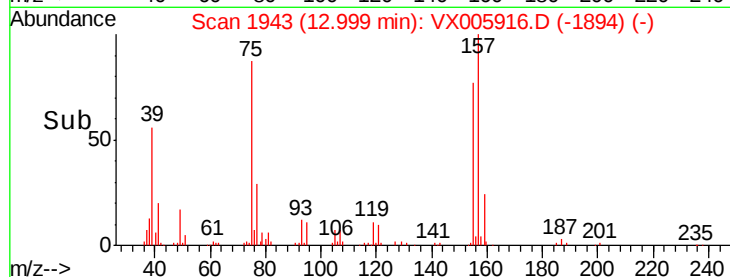
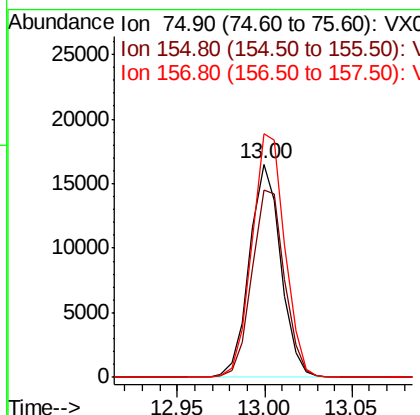
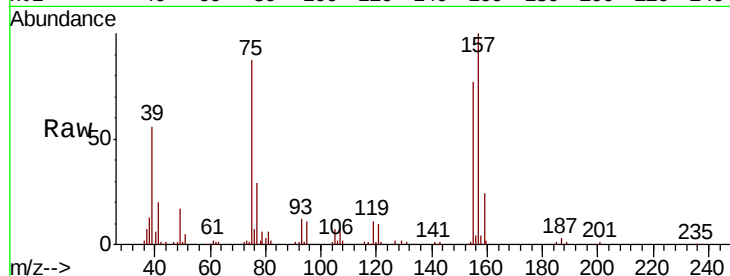
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.118 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005916.D
 Acq: 12 Nov 2018 22:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW273-181108MSD

Tot Ion: 75 Resp: 20500
 Ion Ratio Lower Upper
 75 100
 155 91.3 45.4 136.1
 157 119.8 57.4 172.0

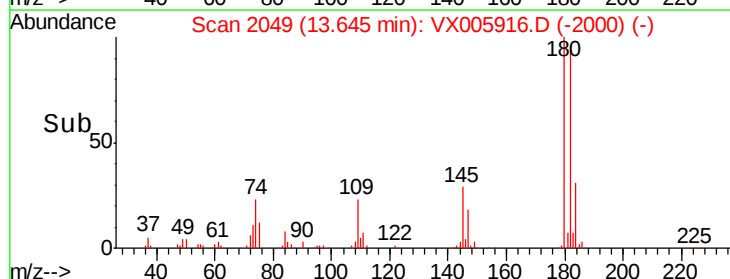
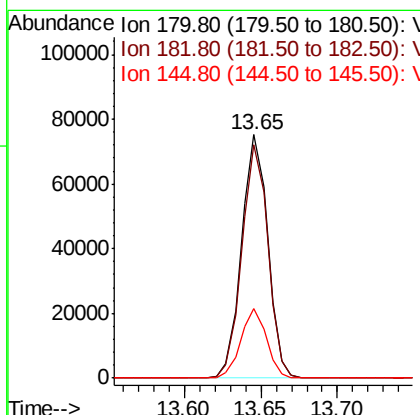
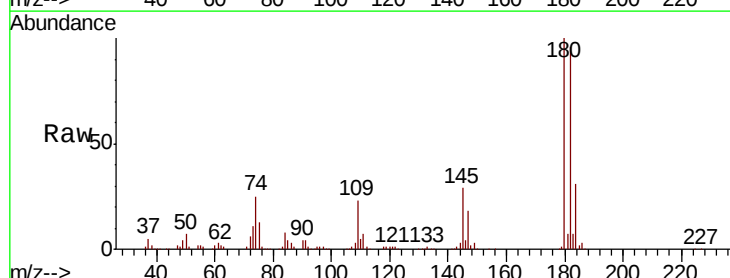
Manual Integrations
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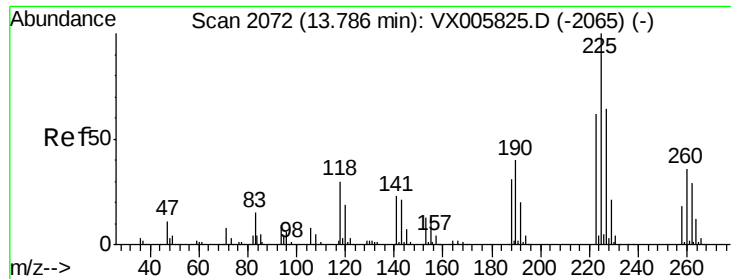
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#93
 1,2,4-Trichlorobenzene
 Concen: 53.236 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005916.D
 Acq: 12 Nov 2018 22:13

Tgt Ion: 180 Resp: 89184
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.6 142.8
 145 27.8 14.1 42.2





#94

Hexachlorobutadiene

Concen: 47.421 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Instrument :

MSVOA_X

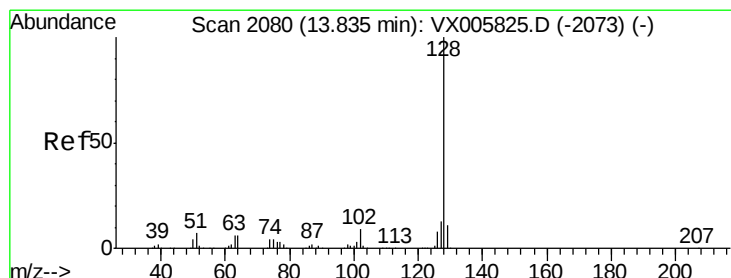
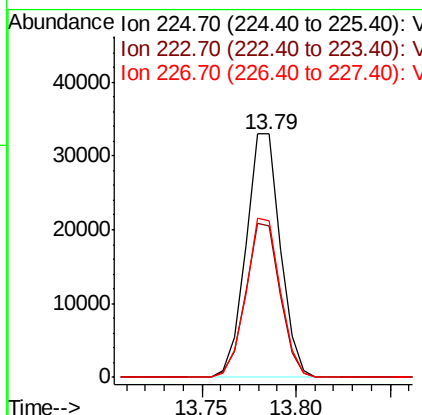
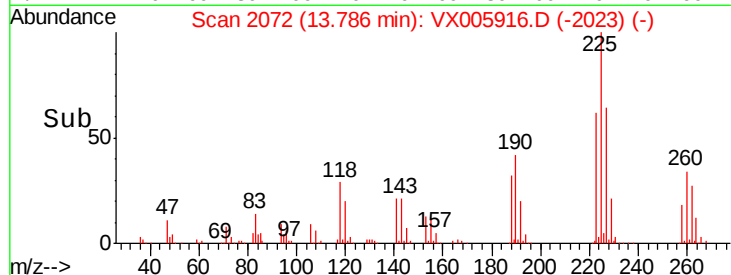
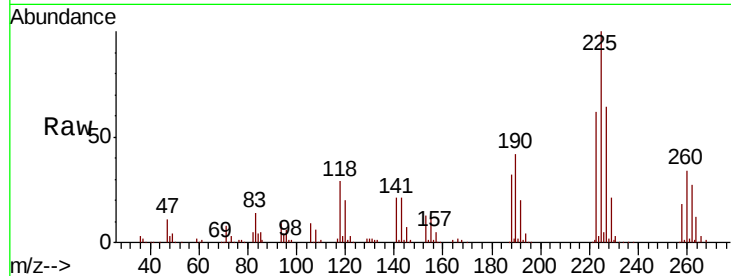
ClientSampleId :

SS003MW273-181108MSD

Tot Ion:	225	Resp:	41731
Ion Ratio	Lower	Upper	
225	100		
223	63.4	31.7	95.1
227	65.2	32.3	96.9

Manual Integrations
APPROVED

MMDadoda
11/13/2018 12:19:17 PM



#95

Naphthalene

Concen: 50.996 ug/l

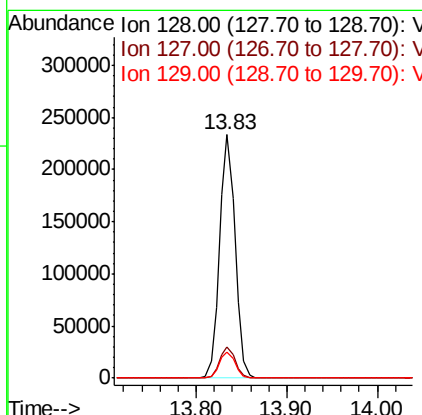
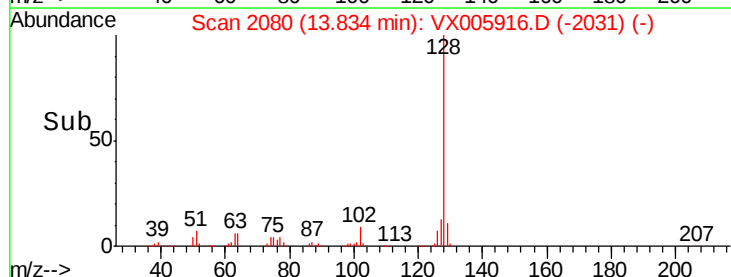
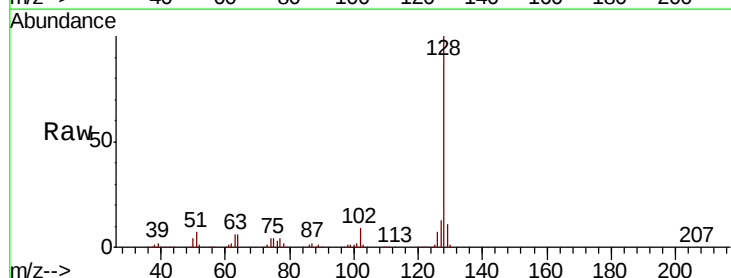
RT: 13.83 min Scan# 2080

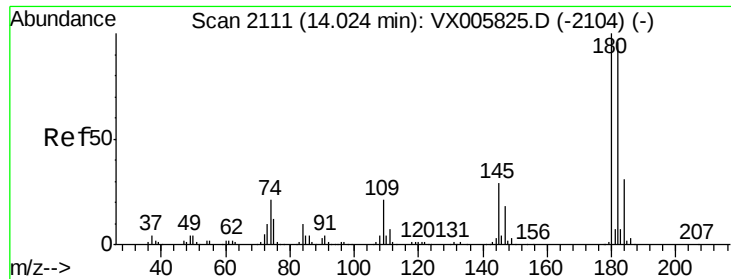
Delta R.T. 0.00 min

Lab File: VX005916.D

Acq: 12 Nov 2018 22:13

Tgt Ion:	128	Resp:	278742
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.0	8.7	13.1





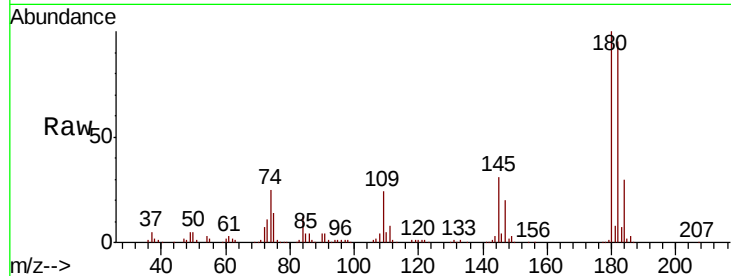
#96
 1,2,3-Trichlorobenzene
 Concen: 53.455 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: VX005916.D
 Acq: 12 Nov 2018 22:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW273-181108MSD

Tot Ion:	180	Resp:	91233
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.0	144.2
145	29.8	15.1	45.3

Manual Integrations
 APPROVED

MMDadoda
 11/13/2018 12:19:17 PM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

