

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081718\
 Data File : VX004123.D
 Acq On : 17 Aug 2018 11:17
 Operator : JC/MD
 Sample : VX0817WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/20/2018 10:04:09 AM

Quant Time: Aug 18 01:58:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	305365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	431423	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	411507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223084	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	206677	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
35) Dibromofluoromethane	5.50	113	173898	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
50) Toluene-d8	8.71	98	670632	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.14	95	231262	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57032	19.19	ug/l	100
3) Chloromethane	1.32	50	81528	22.35	ug/l	100
4) Vinyl Chloride	1.40	62	71261	18.06	ug/l	98
5) Bromomethane	1.64	94	37827	18.80	ug/l	96
6) Chloroethane	1.73	64	51103	18.57	ug/l	99
7) Trichlorofluoromethane	1.93	101	102905	18.59	ug/l	99
8) Diethyl Ether	2.18	74	44324	18.34	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	65922	19.09	ug/l	100
10) Methyl Iodide	2.51	142	47630	16.63	ug/l	100
11) Tert butyl alcohol	3.04	59	76260	88.02	ug/l	97
12) 1,1-Dichloroethene	2.38	96	58618	18.25	ug/l	98
13) Acrolein	2.29	56	31623	62.39	ug/l	99
14) Allyl chloride	2.73	41	107276	17.55	ug/l	95
15) Acrylonitrile	3.14	53	194081	89.84	ug/l	100
16) Acetone	2.43	43	208341	93.14	ug/l	99
17) Carbon Disulfide	2.57	76	159041	17.45	ug/l	100
18) Methyl Acetate	2.77	43	94383	18.99	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	205979	18.20	ug/l	100
20) Methylene Chloride	2.86	84	71606	19.21	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	65769	18.03	ug/l	97
22) Diisopropyl ether	3.86	45	212632	17.75	ug/l	93
23) Vinyl Acetate	3.82	43	896081	91.09	ug/l	100
24) 1,1-Dichloroethane	3.70	63	125088	18.44	ug/l	98
25) 2-Butanone	4.69	43	326115	89.60	ug/l	98
26) 2,2-Dichloropropane	4.59	77	95151	17.64	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	75597	18.43	ug/l	98
28) Bromochloromethane	5.01	49	59381	19.08	ug/l	98
29) Tetrahydrofuran	5.15	42	160229	86.17	ug/l	98
30) Chloroform	5.21	83	121183	18.30	ug/l	99
31) Cyclohexane	5.57	56	102611	17.25	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	106150	19.19	ug/l	98
36) 1,1-Dichloropropene	5.80	75	93327	19.01	ug/l	100
37) Ethyl Acetate	4.85	43	97451	18.23	ug/l	99
38) Carbon Tetrachloride	5.79	117	91998	19.29	ug/l	91

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 Misc : 5.0mL/MSVOA X/WATER
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Quant Time: Aug 18 01:58:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	103317	18.55	ug/l	98
40) Benzene	6.14	78	285101	19.34	ug/l	100
41) Methacrylonitrile	5.06	41	52894	17.67	ug/l	98
42) 1,2-Dichloroethane	6.20	62	98951	19.18	ug/l	99
43) Isopropyl Acetate	6.46	43	140581	17.84	ug/l	99
44) Trichloroethene	7.21	130	77521	19.37	ug/l	96
45) 1,2-Dichloropropane	7.52	63	73988	19.61	ug/l	96
46) Dibromomethane	7.66	93	48661	19.73	ug/l	99
47) Bromodichloromethane	7.90	83	90002	19.27	ug/l	100
48) Methyl methacrylate	7.78	41	73646	18.57	ug/l	98
49) 1,4-Dioxane	7.76	88	33326	373.15	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	626037	96.89	ug/l	100
52) Toluene	8.79	92	185723	19.92	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	96025	19.03	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	107586	19.25	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	75308	19.56	ug/l	99
56) Ethyl methacrylate	9.18	69	96349	18.40	ug/l	99
57) 1,3-Dichloropropane	9.37	76	125837	19.70	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	258136	96.83	ug/l	99
59) 2-Hexanone	9.49	43	474270	97.53	ug/l	99
60) Dibromochloromethane	9.59	129	70765	19.10	ug/l	99
61) 1,2-Dibromoethane	9.67	107	76981	19.61	ug/l	100
64) Tetrachloroethene	9.34	164	73687	18.89	ug/l	95
65) Chlorobenzene	10.14	112	198180	18.64	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	70042	19.32	ug/l	97
67) Ethyl Benzene	10.25	91	317761	18.88	ug/l	98
68) m/p-Xylenes	10.36	106	264355	40.11	ug/l	99
69) o-Xylene	10.70	106	118835	18.86	ug/l	98
70) Styrene	10.71	104	194092	18.31	ug/l	100
71) Bromoform	10.86	173	49128	17.09	ug/l #	99
73) Isopropylbenzene	11.02	105	323723	21.44	ug/l	99
74) N-amyl acetate	6.46	43	140581	19.80	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	107598	20.41	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	95438m	21.33	ug/l	
77) Bromobenzene	11.26	156	88404	21.24	ug/l	100
78) n-propylbenzene	11.36	91	375752	22.24	ug/l	98
79) 2-Chlorotoluene	11.42	91	217659	21.14	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	265656	21.49	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	27144	18.78	ug/l	94
82) 4-Chlorotoluene	11.51	91	266288	21.88	ug/l	98
83) tert-Butylbenzene	11.77	119	245859	19.73	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	258852	20.22	ug/l	99
85) sec-Butylbenzene	11.95	105	290419	19.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	263874	19.98	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	150365	18.94	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	154585	18.92	ug/l	99
89) n-Butylbenzene	12.39	91	224786	21.60	ug/l	98
90) Hexachloroethane	12.60	117	41107	20.80	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	150784	21.06	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20391	22.01	ug/l	93

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBS01

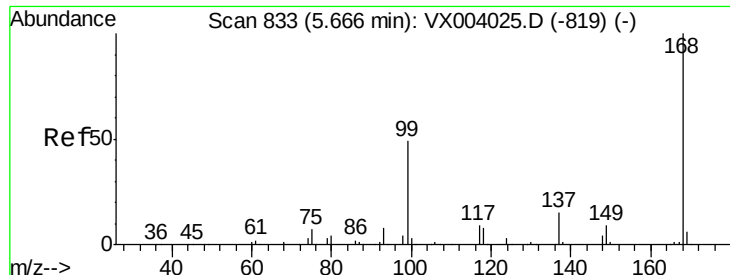
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	101912	20.83	ug/l	100
94) Hexachlorobutadiene	13.79	225	53661	21.88	ug/l	98
95) Naphthalene	13.83	128	307046	20.38	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	114075	21.38	ug/l	98

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



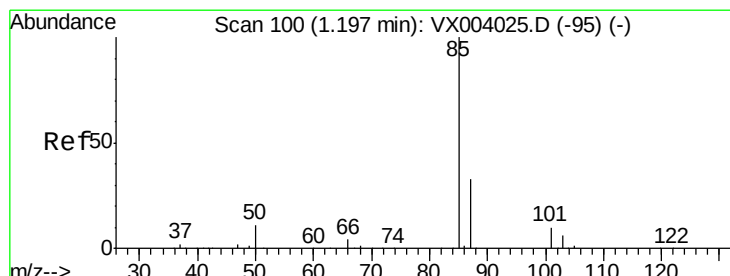
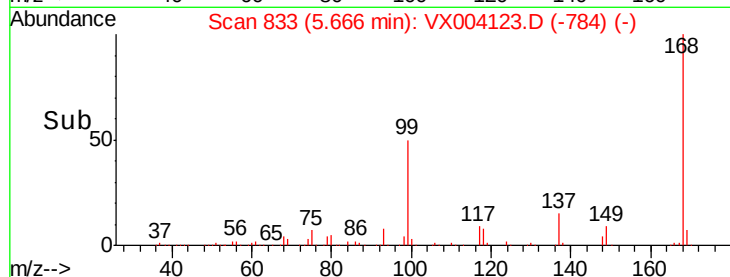
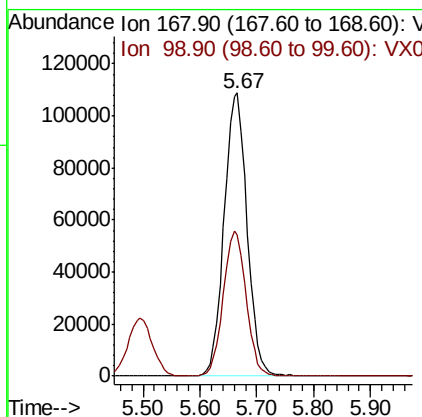
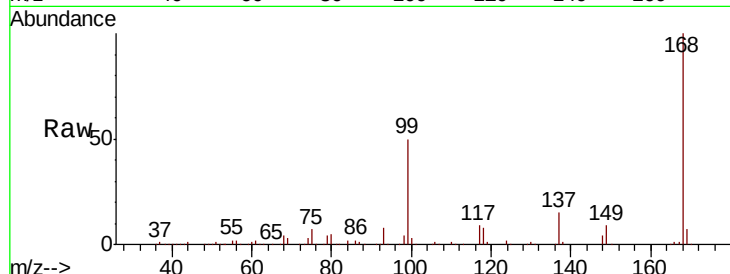
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.8	40.1	60.1

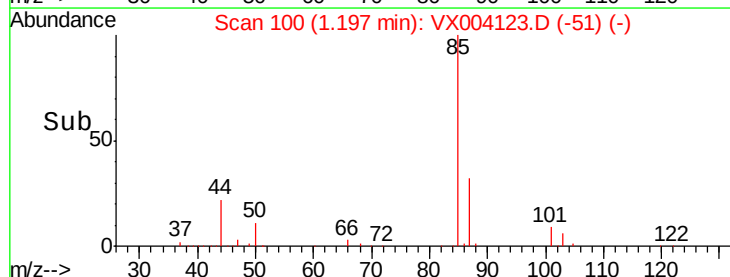
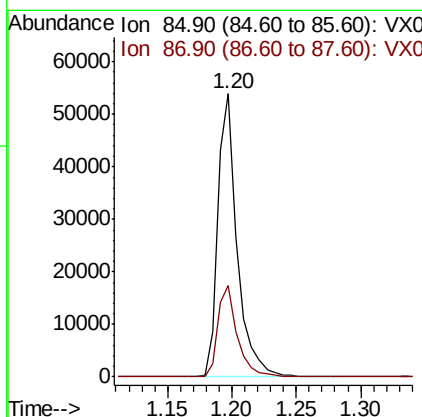
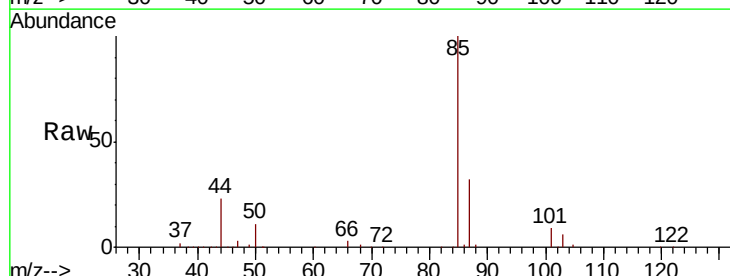
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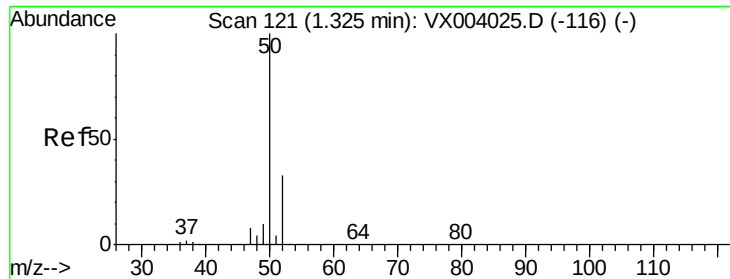
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#2
Dichlorodifluoromethane
Concen: 19.19 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.0	48.0





#3

Chloromethane

Concen: 22.35 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0817WBS01

Tot Ion: 50 Resp: 81528

Ion Ratio Lower Upper

50 100

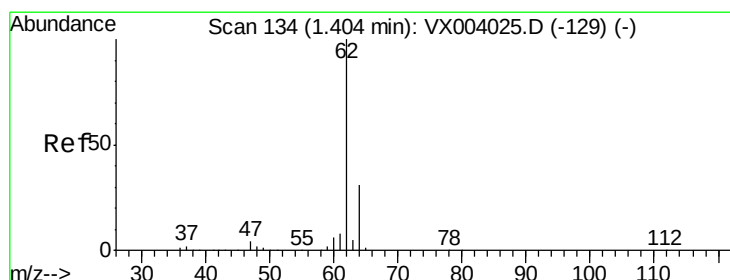
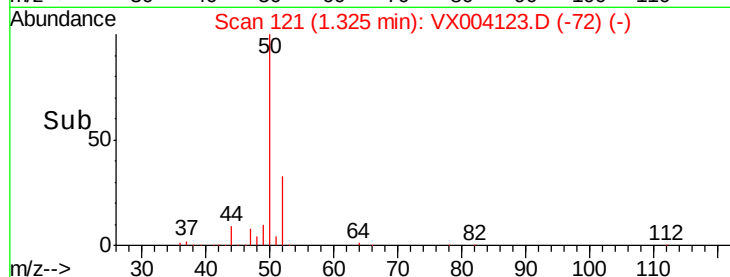
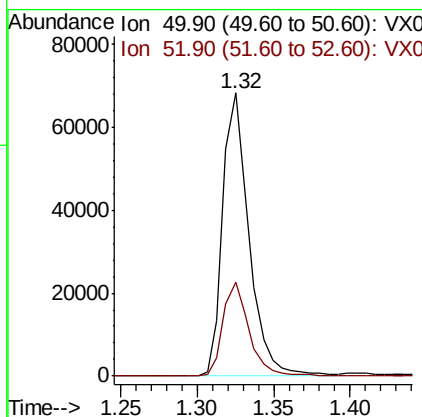
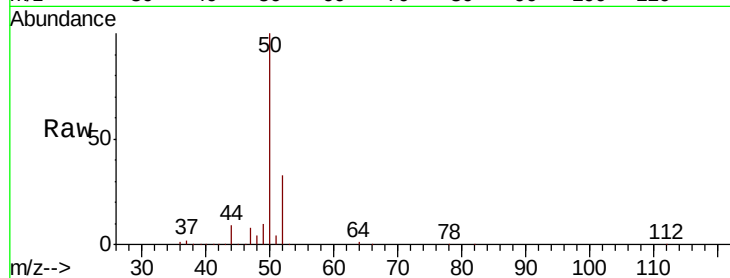
52 33.4 26.6 39.8

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#4

Vinyl Chloride

Concen: 18.06 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX004123.D

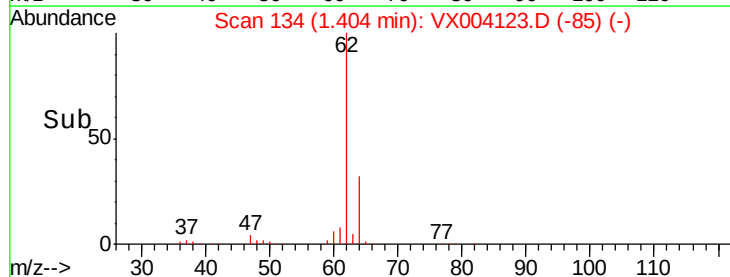
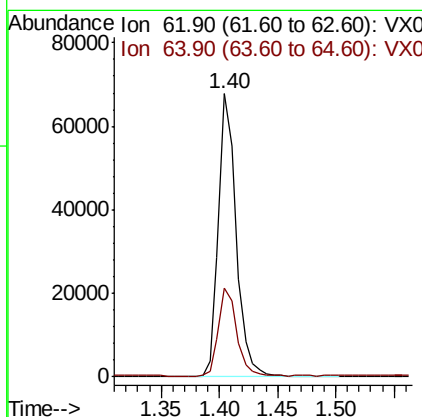
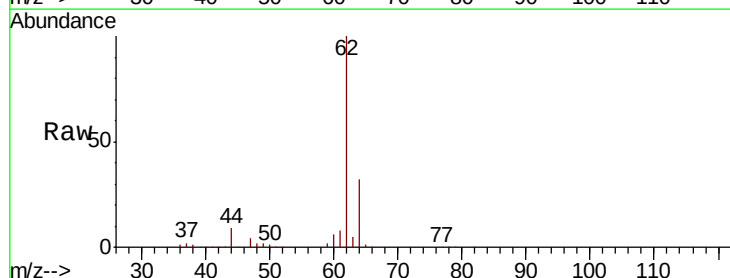
Acq: 17 Aug 2018 11:17

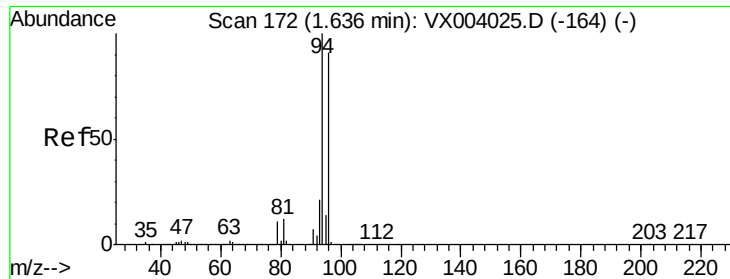
Tgt Ion: 62 Resp: 71261

Ion Ratio Lower Upper

62 100

64 31.2 26.0 39.0





#5

Bromomethane

Concen: 18.80 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0817WBS01

Tot Ion: 94 Resp: 37827

Ion Ratio Lower Upper

94 100

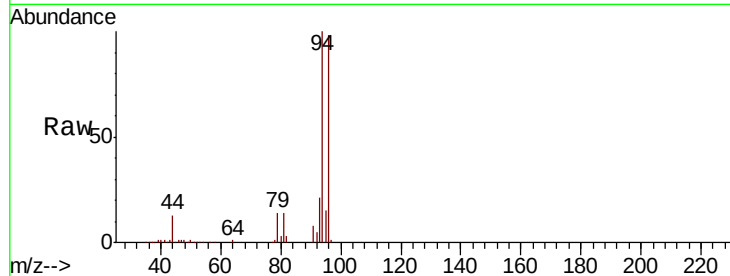
96 97.8 75.2 112.8

Manual Integrations

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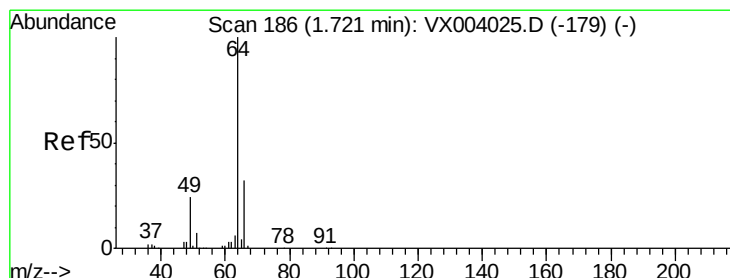
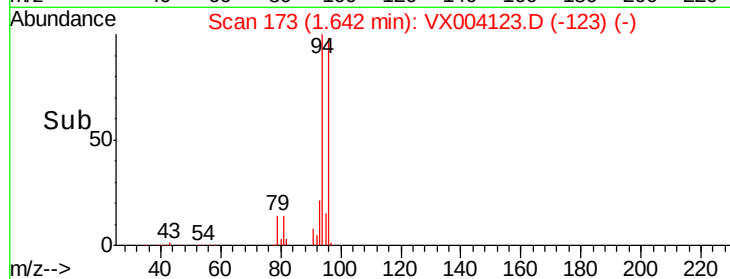
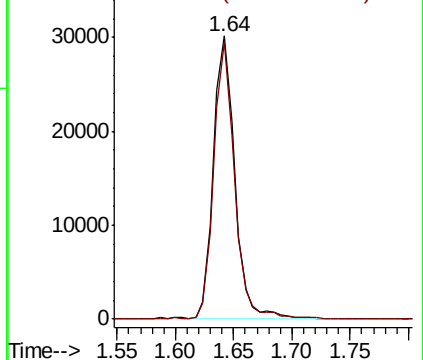
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.57 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX004123.D

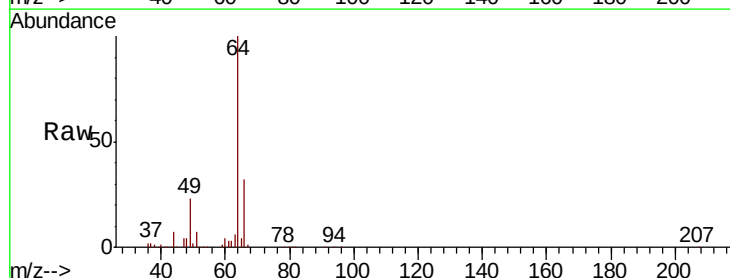
Acq: 17 Aug 2018 11:17

Tgt Ion: 64 Resp: 51103

Ion Ratio Lower Upper

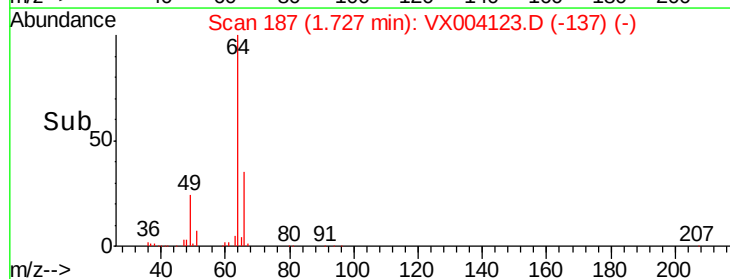
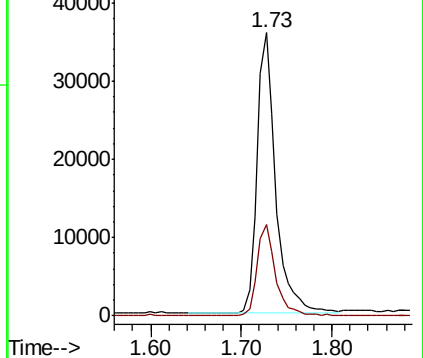
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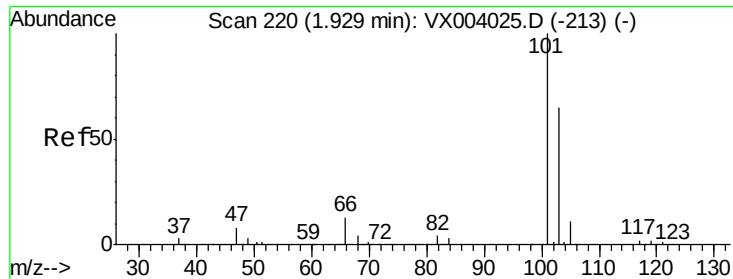
66 32.4 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

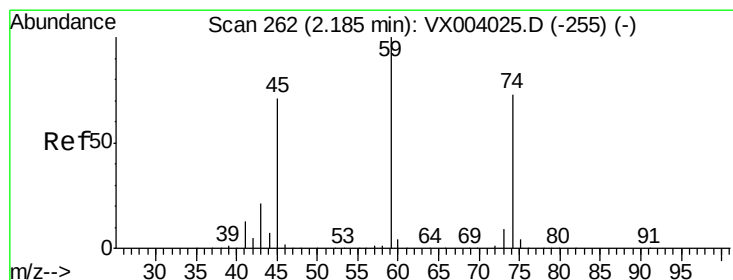
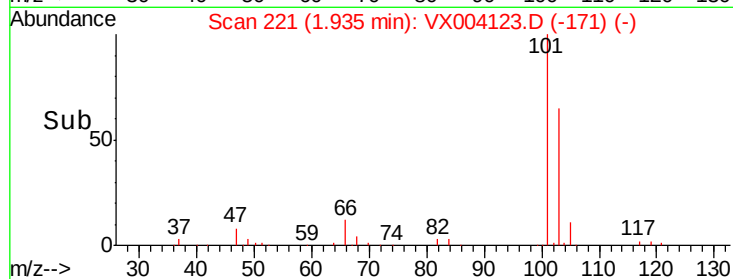
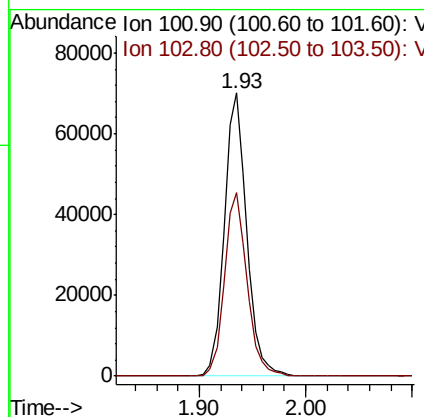
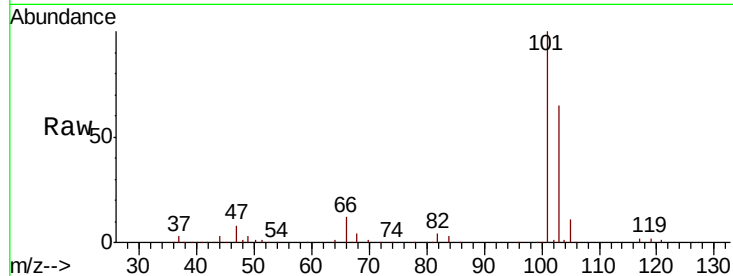
Trichlorofluoromethane
 Concen: 18.59 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX004123.D
 Acq: 17 Aug 2018 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.3	78.5

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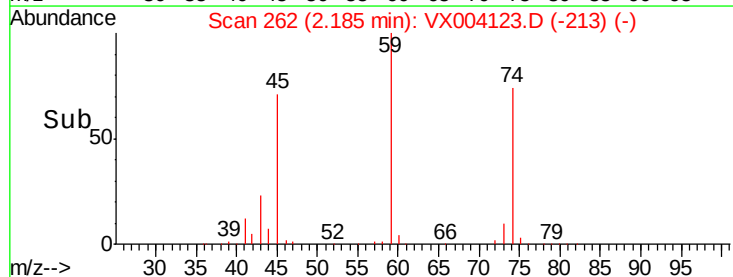
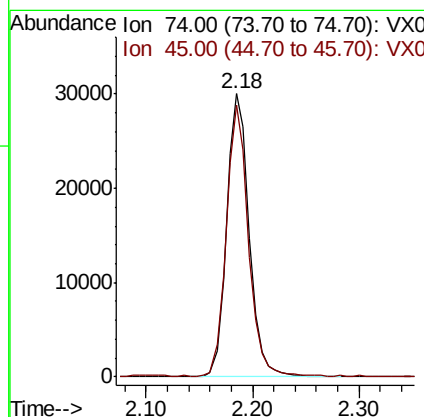
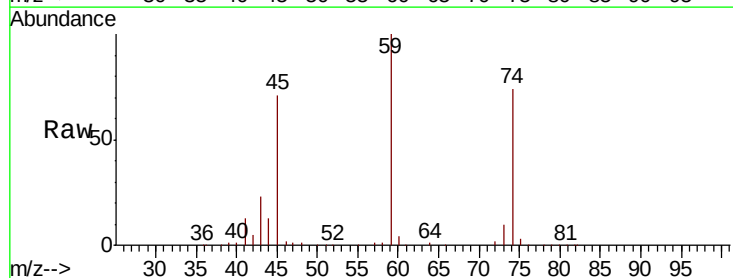
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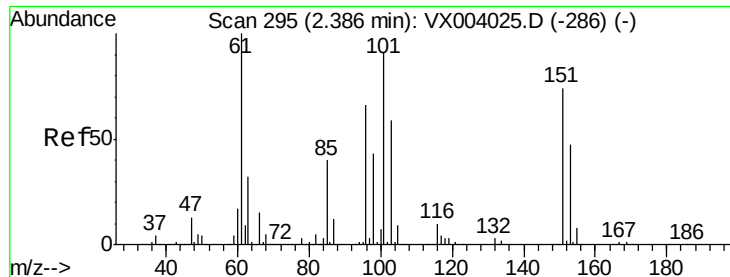


#8

Diethyl Ether
 Concen: 18.34 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. 0.00 min
 Lab File: VX004123.D
 Acq: 17 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.0	48.3	144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.09 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

Instrument :

MSVOA_X

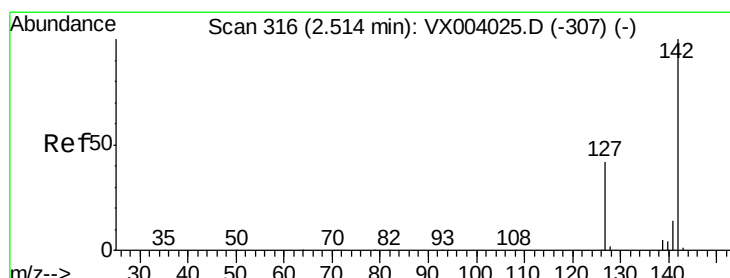
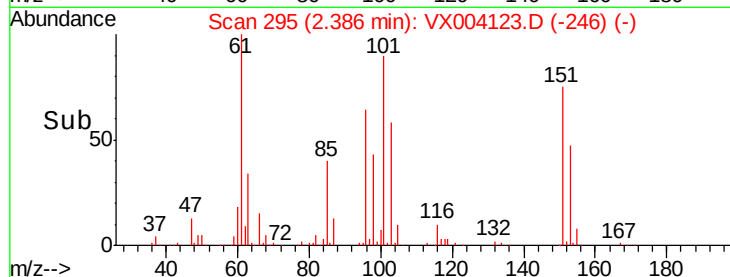
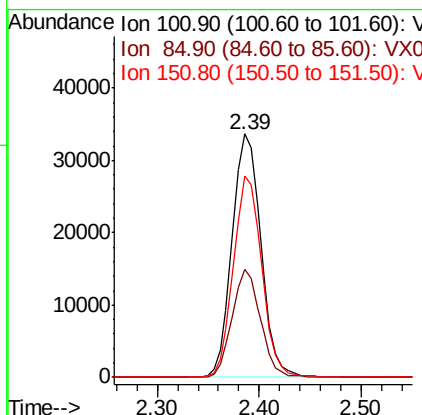
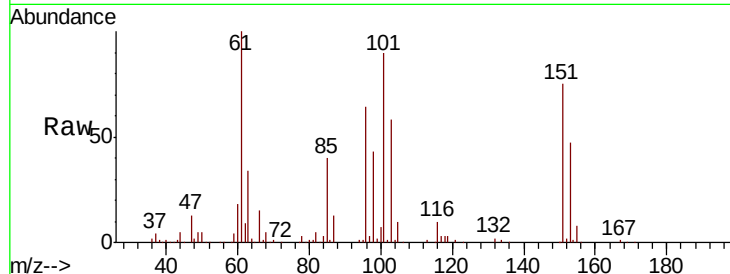
ClientSampleId :

VX0817WBS01

Tot Ion:	101	Resp:	65922
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.2	51.4
151	81.0	65.0	97.4

Manual Integrations
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8/20/2018 10:04:09 AM



#10

Methyl Iodide

Concen: 16.63 ug/l

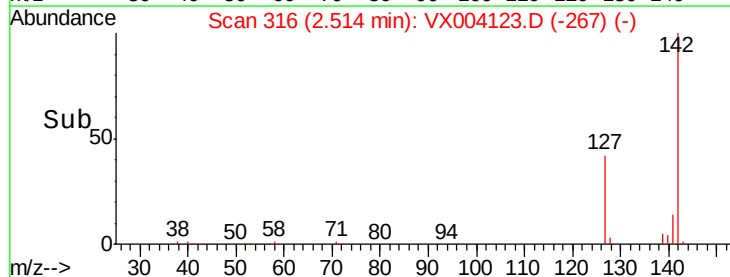
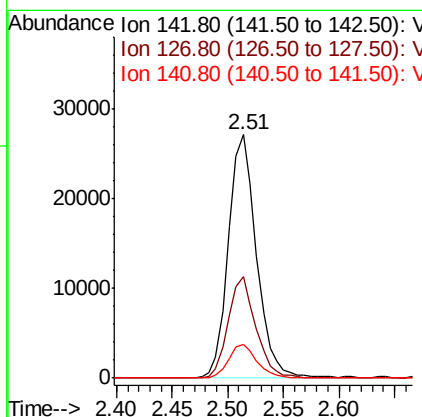
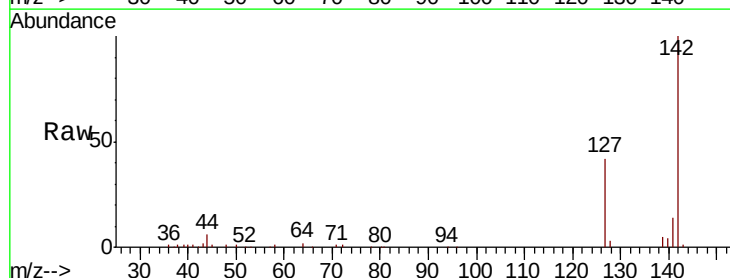
RT: 2.51 min Scan# 316

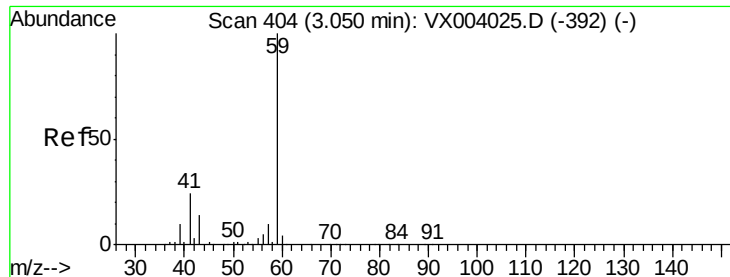
Delta R.T. 0.00 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

Tgt Ion:	142	Resp:	47630
Ion Ratio	Lower	Upper	
142	100		
127	41.1	33.1	49.7
141	13.7	11.1	16.7





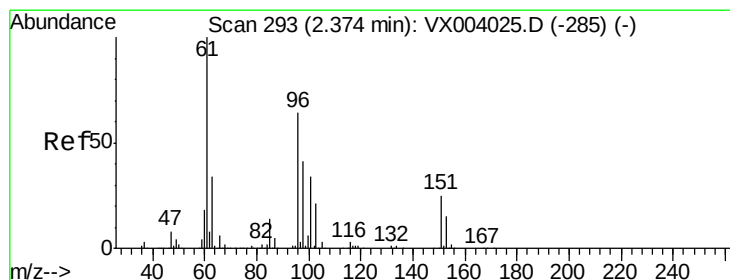
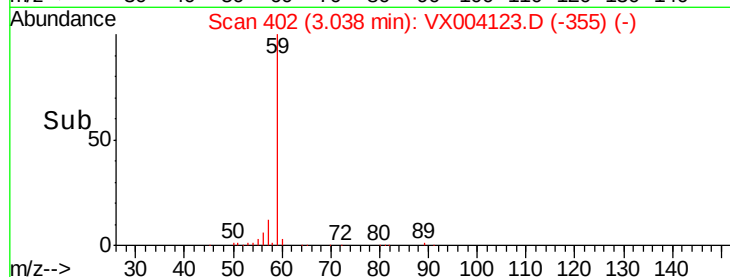
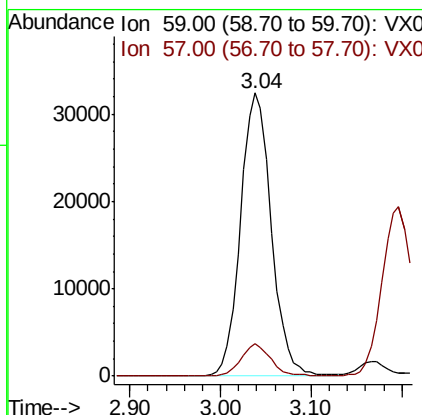
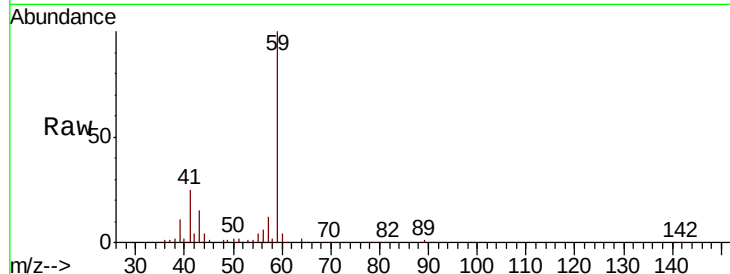
#11
Tert butyl alcohol
Concen: 88.02 ug/l
RT: 3.04 min Scan# 402
Delta R.T. -0.01 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Instrument :
MSVOA_X
ClientSampled :
VX0817WBS01

Tot Ion	59	Resp	76260
Ion Ratio	100	Lower	Upper
57	11.0	8.1	12.1

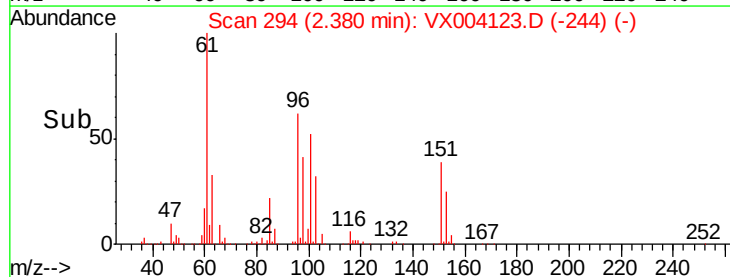
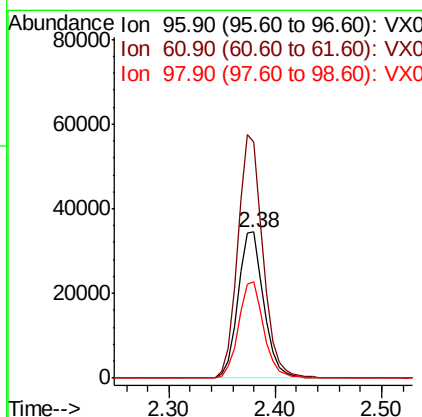
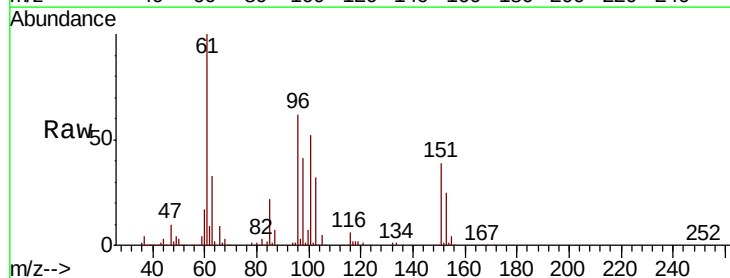
Manual Integrations
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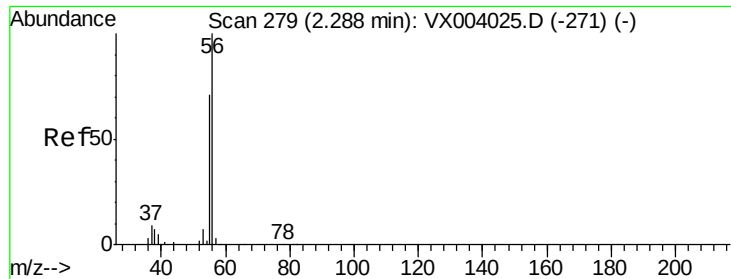
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#12
1,1-Dichloroethene
Concen: 18.25 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Tgt Ion	96	Resp	58618
Ion Ratio	100	Lower	Upper
61	161.2	131.3	196.9
98	66.0	51.8	77.6





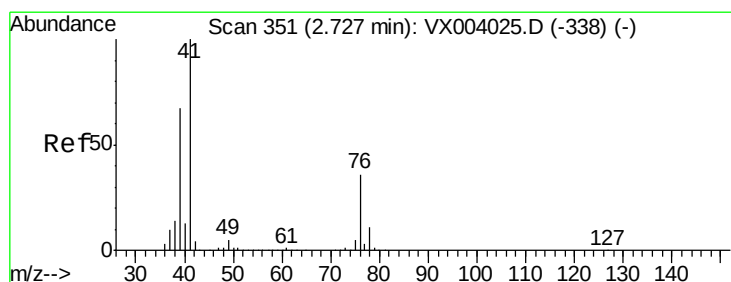
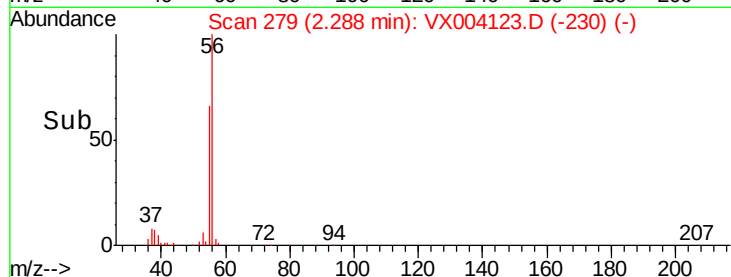
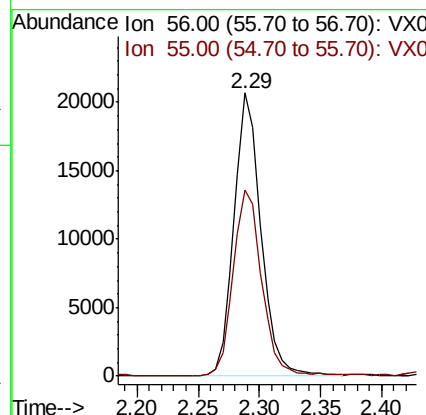
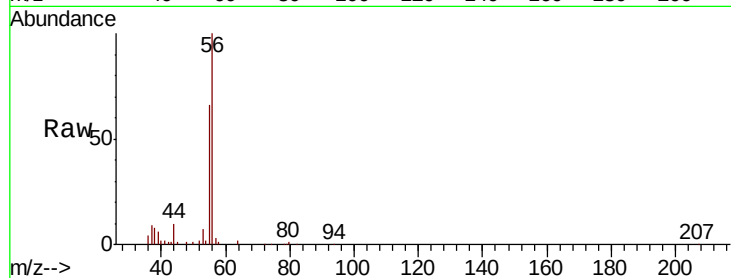
#13
Acrolein
Concen: 62.39 ug/l
RT: 2.29 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.1	56.1	84.1

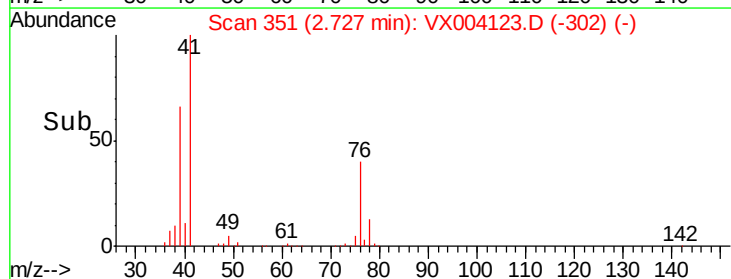
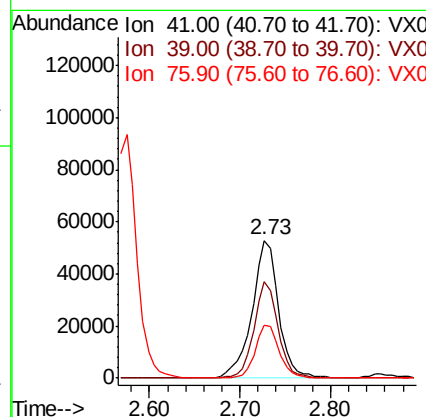
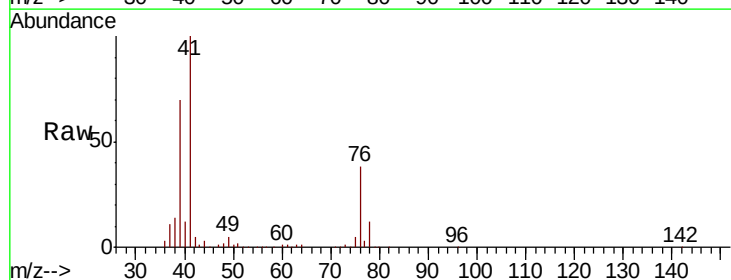
Manual Integrations
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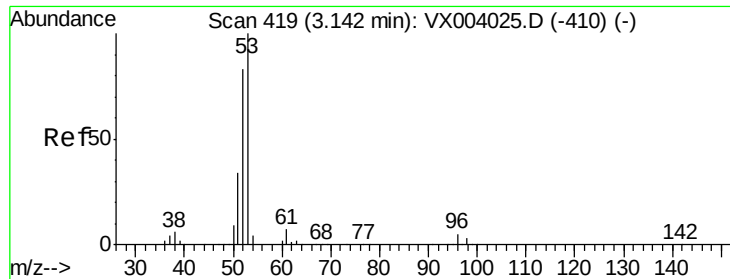
MMDadoda
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#14
Allyl chloride
Concen: 17.55 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.3	47.4	71.0
76	34.7	26.0	39.0





#15

Acrylonitrile

Concen: 89.84 ug/l

RT: 3.14 min Scan# 419

Delta R.T. 0.00 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

Instrument :

MSVOA_X

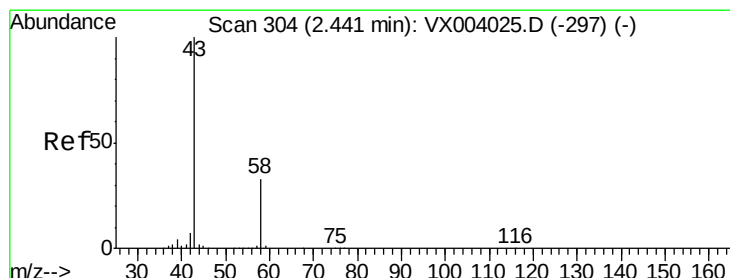
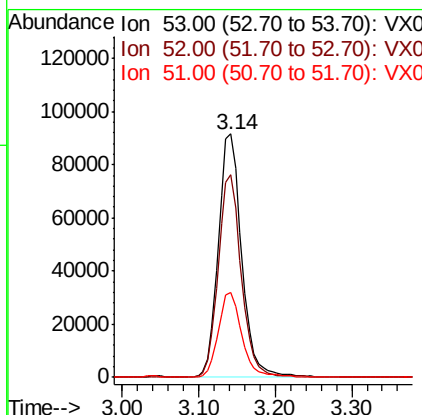
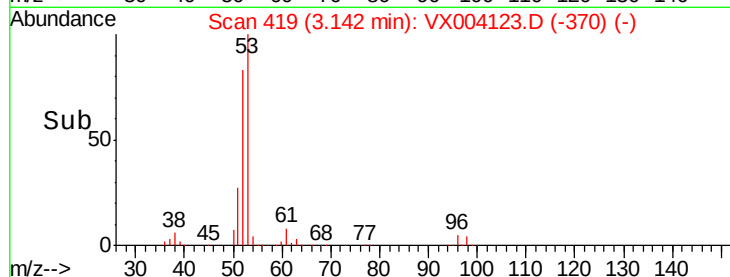
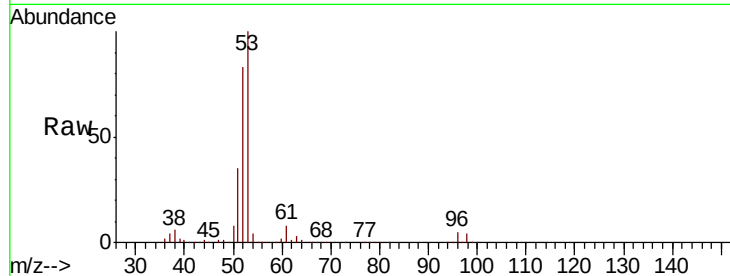
ClientSampleId :

VX0817WBS01

Tot Ion:	53	Resp:	194081
Ion Ratio	Lower	Upper	
53	100		
52	81.8	65.3	97.9
51	35.1	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 93.14 ug/l

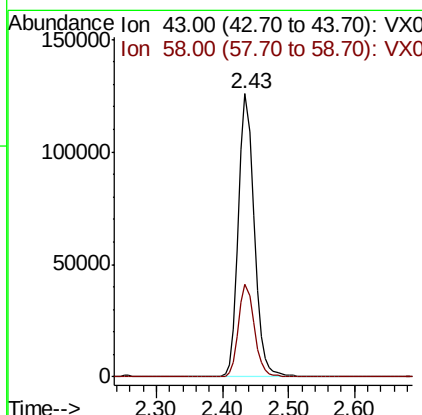
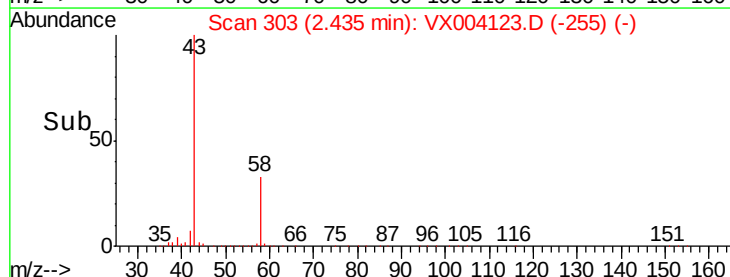
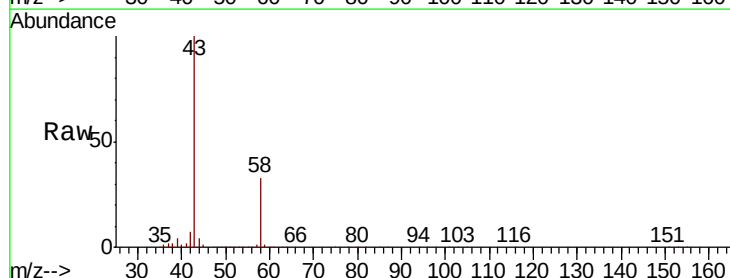
RT: 2.43 min Scan# 303

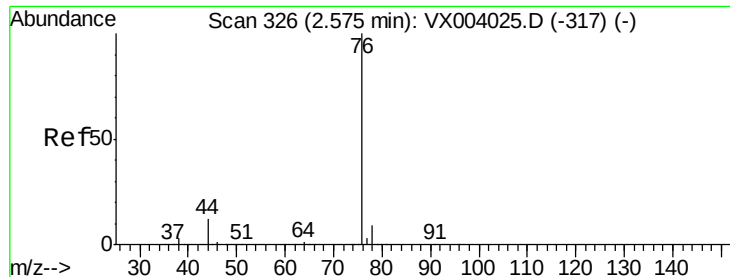
Delta R.T. -0.01 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

Tgt Ion:	43	Resp:	208341
Ion Ratio	Lower	Upper	
43	100		
58	32.6	26.4	39.6





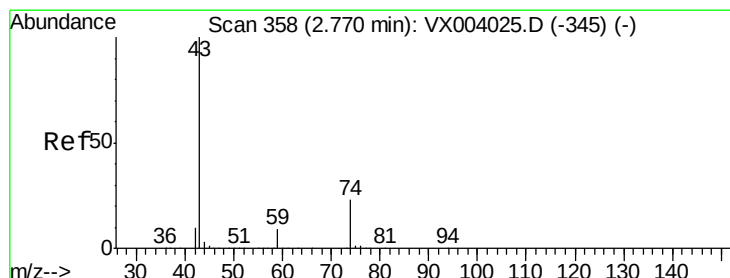
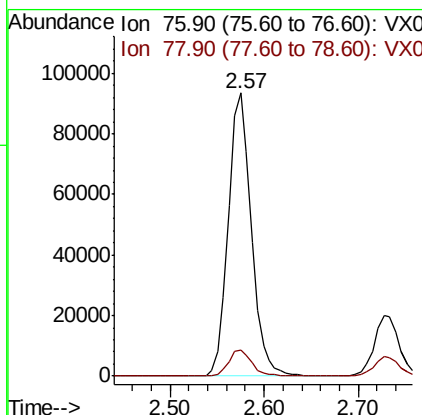
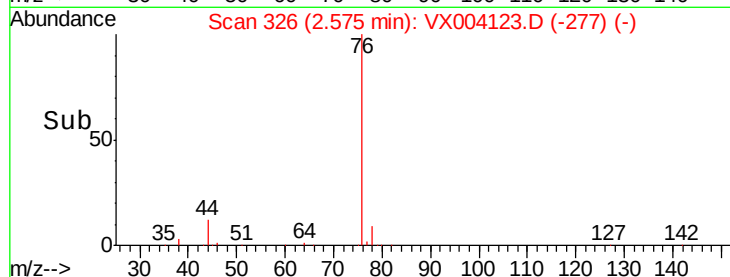
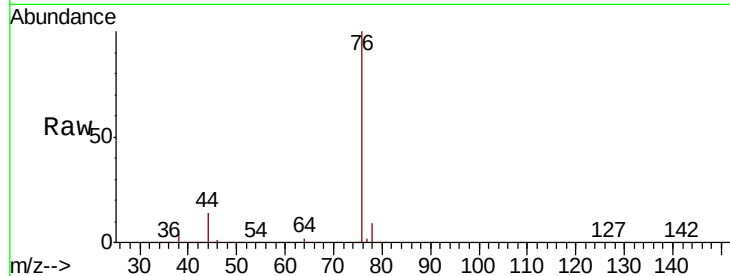
#17
Carbon Disulfide
Concen: 17.45 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3

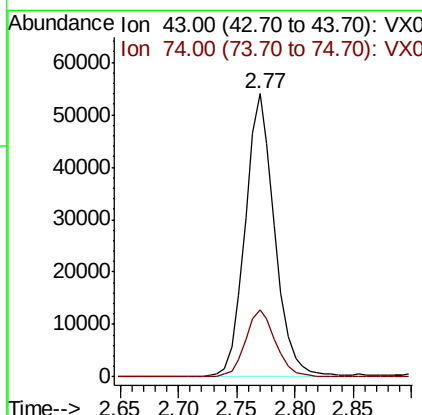
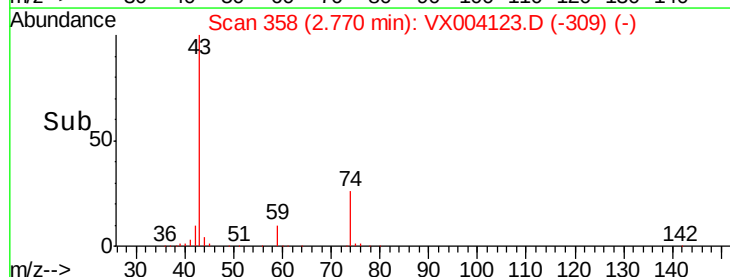
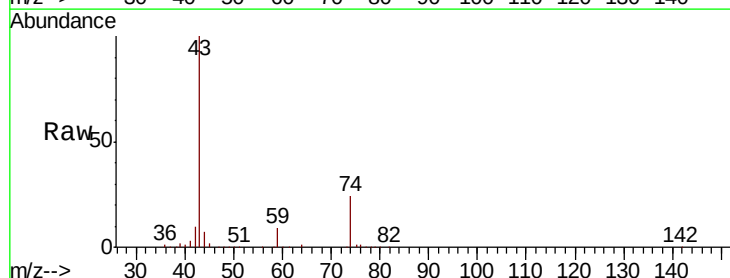
Manual Integrations
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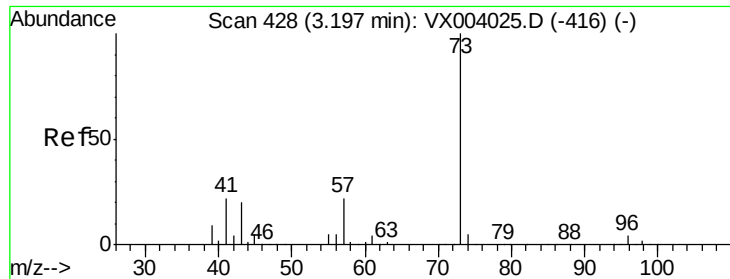
MMDadoda
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#18
Methyl Acetate
Concen: 18.99 ug/l
RT: 2.77 min Scan# 358
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	18.9	28.3





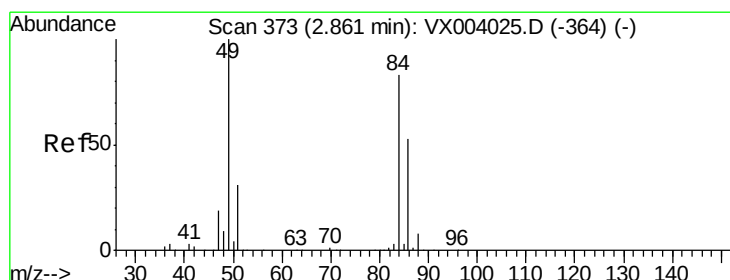
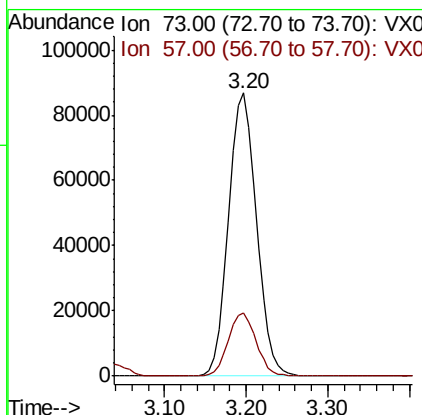
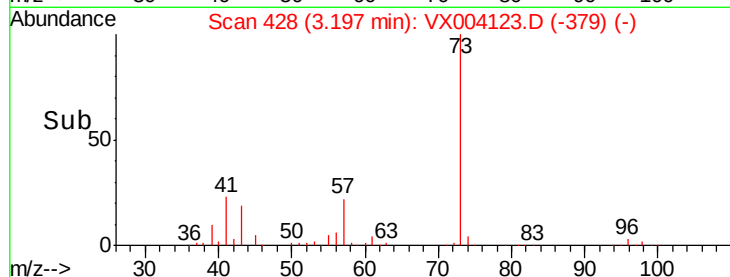
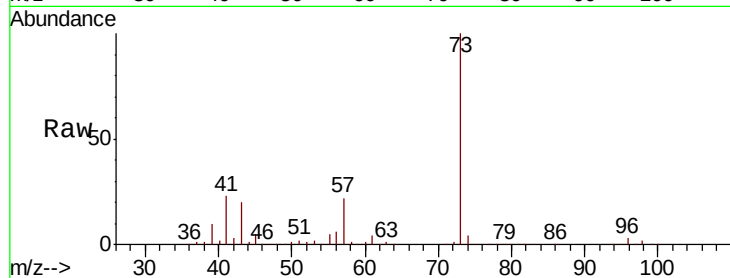
#19
Methvl tert-butvl Ether
Concen: 18.20 ug/l
RT: 3.20 min Scan# 428
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.0	27.0

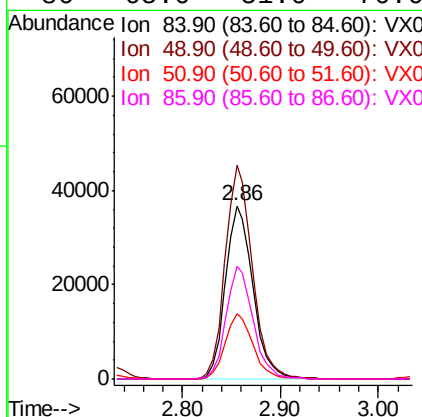
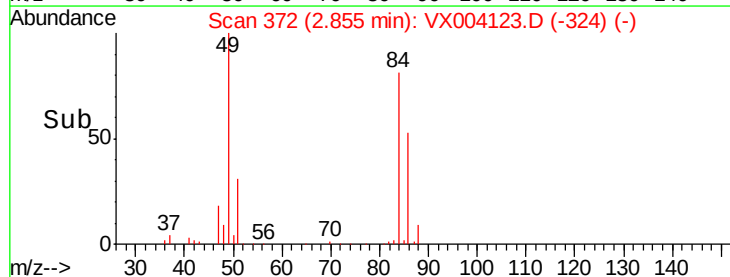
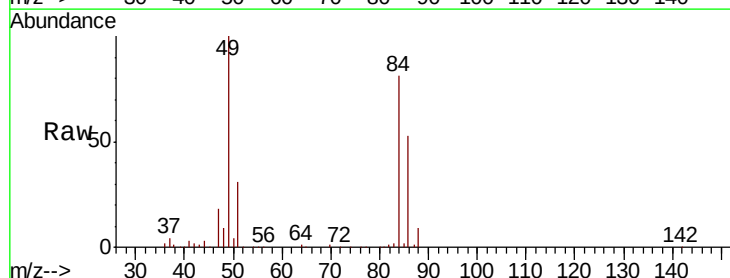
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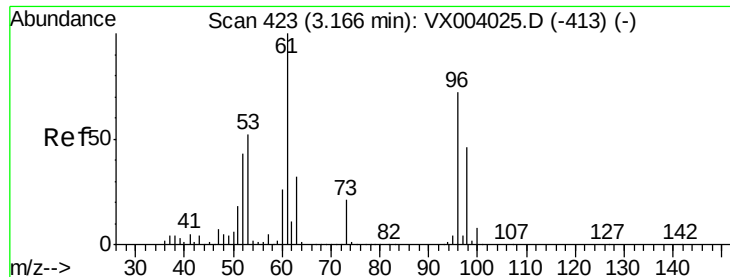
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#20
Methylene Chloride
Concen: 19.21 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.3	98.9	148.3
51	37.9	29.9	44.9
86	65.0	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 18.03 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0817WBS01

Tot Ion: 96 Resp: 65769

Ion Ratio Lower Upper

96 100

61 143.1 111.8 167.6

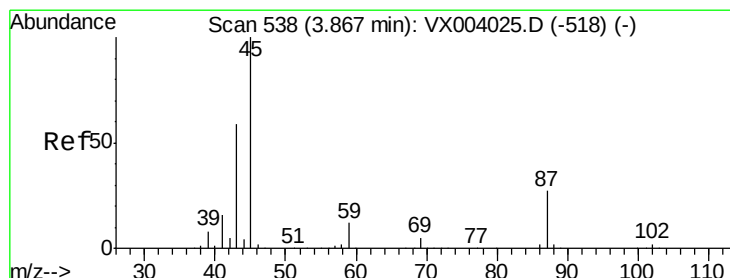
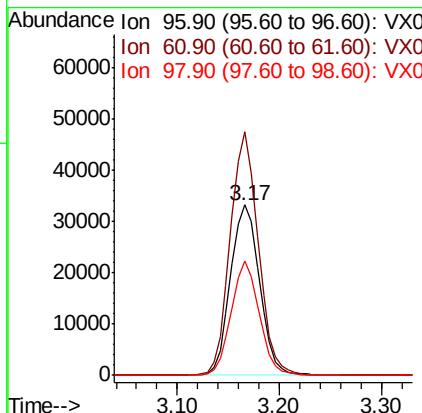
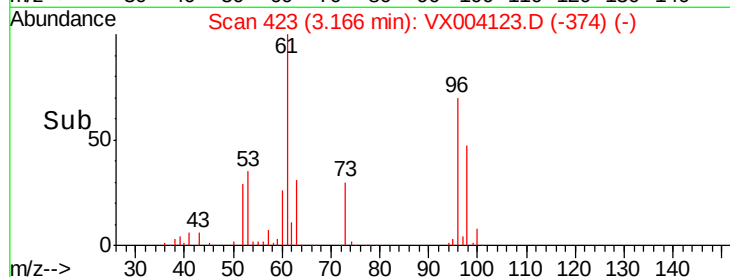
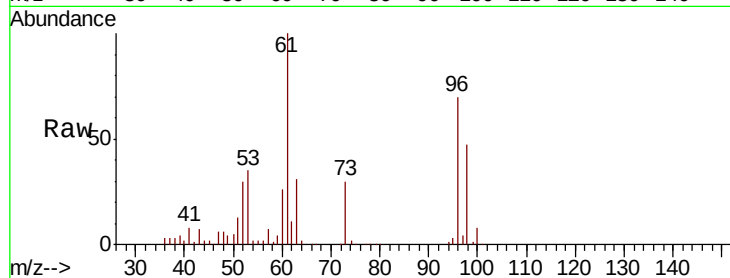
98 67.0 51.8 77.6

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#22

Diisopropyl ether

Concen: 17.75 ug/l

RT: 3.86 min Scan# 537

Delta R.T. -0.01 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

Tgt Ion: 45 Resp: 212632

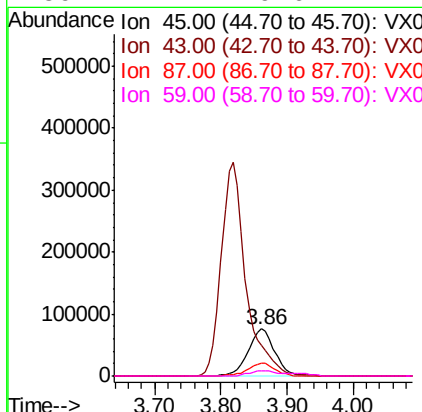
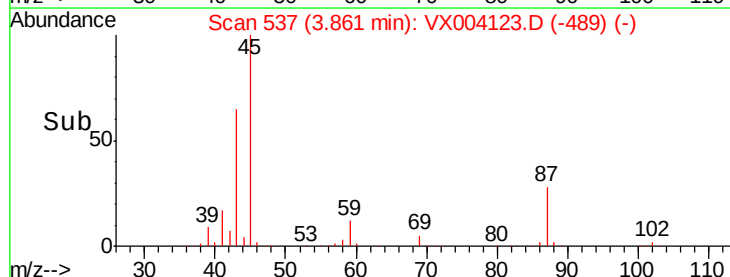
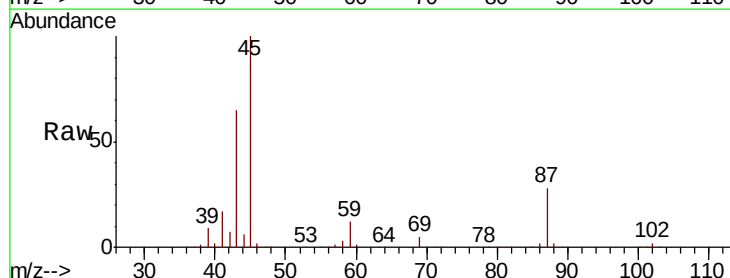
Ion Ratio Lower Upper

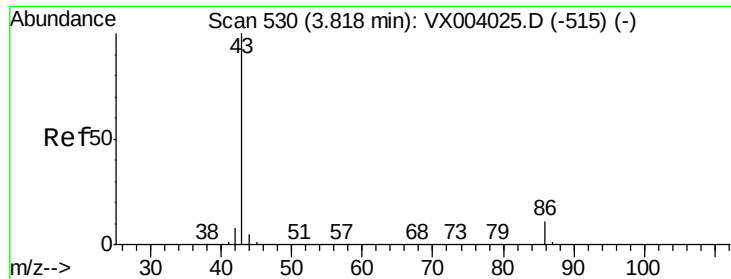
45 100

43 65.4 45.3 67.9

87 28.2 22.7 34.1

59 11.7 9.6 14.4





#23

Vinyl Acetate

Concen: 91.09 ug/l

RT: 3.82 min Scan# 530

Delta R.T. 0.00 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0817WBS01

Tot Ion: 43 Resp: 896081

Ion Ratio Lower Upper

43 100

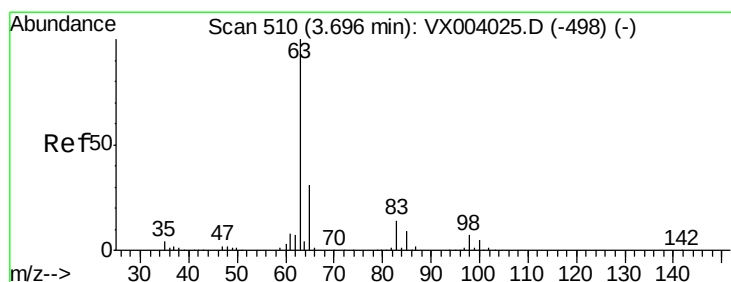
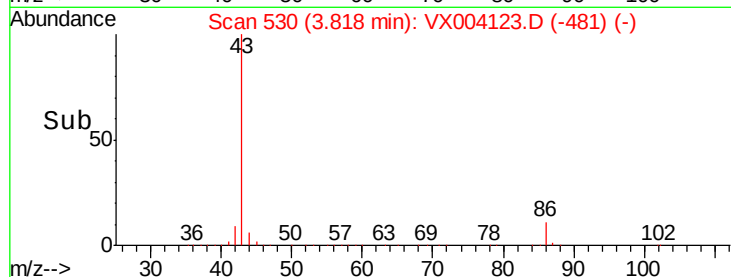
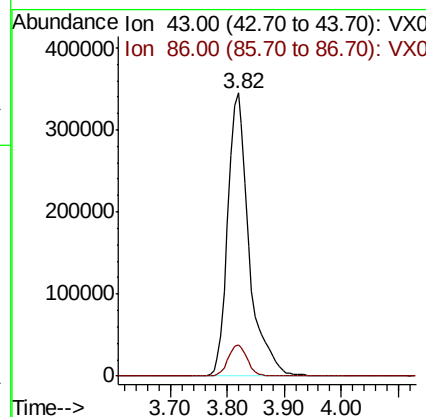
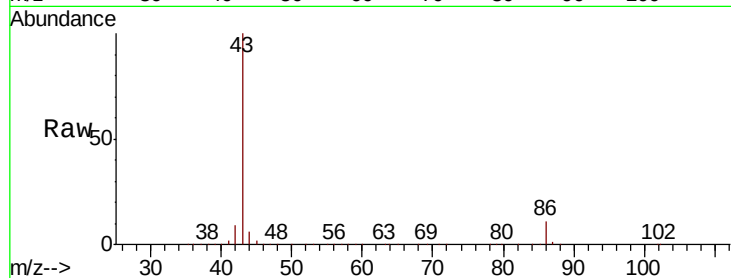
86 11.2 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.44 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

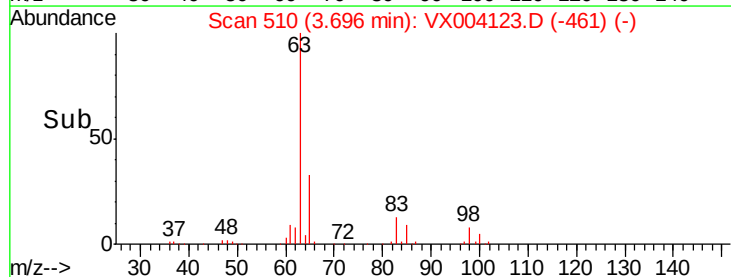
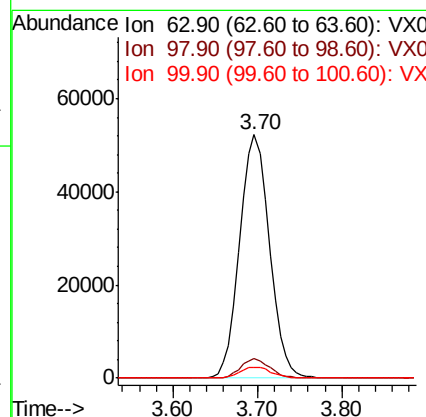
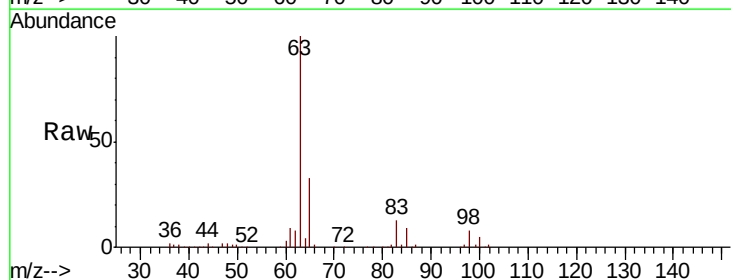
Tgt Ion: 63 Resp: 125088

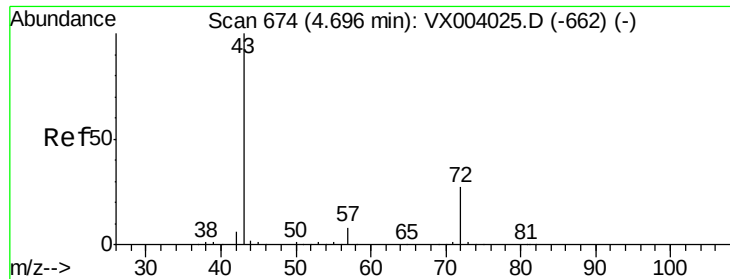
Ion Ratio Lower Upper

63 100

98 8.0 3.5 10.5

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 89.60 ug/l

RT: 4.69 min Scan# 673

Delta R.T. -0.01 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0817WBS01

Tot Ion: 43 Resp: 326115

Ion Ratio Lower Upper

43 100

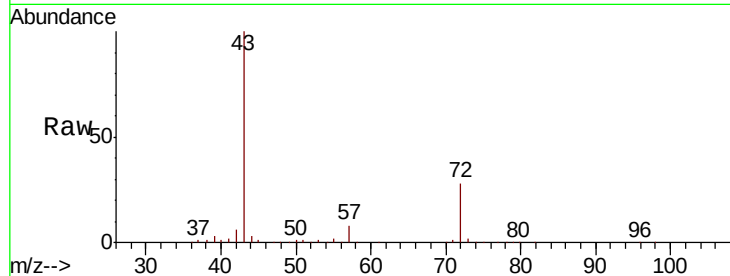
72 27.5 21.4 32.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

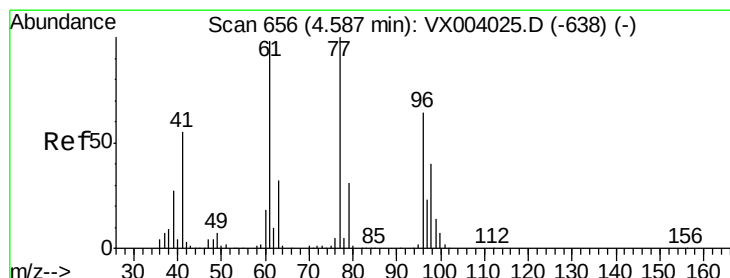
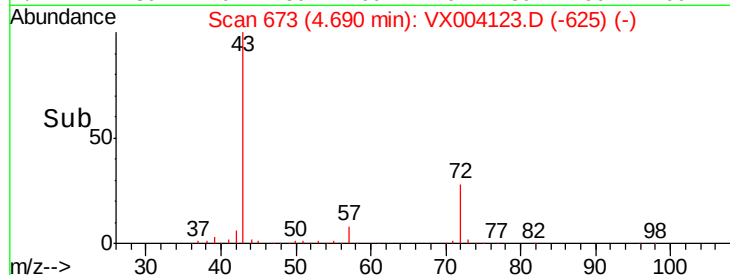
4.69

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 17.64 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX004123.D

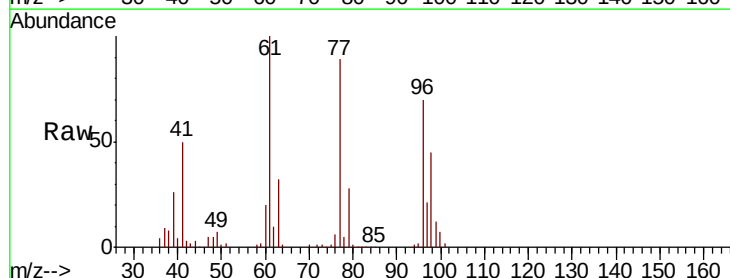
Acq: 17 Aug 2018 11:17

Tgt Ion: 77 Resp: 95151

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

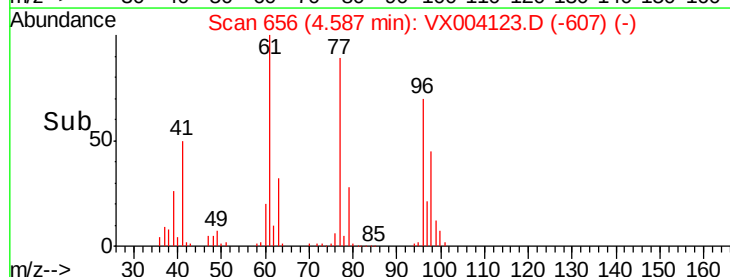
30000

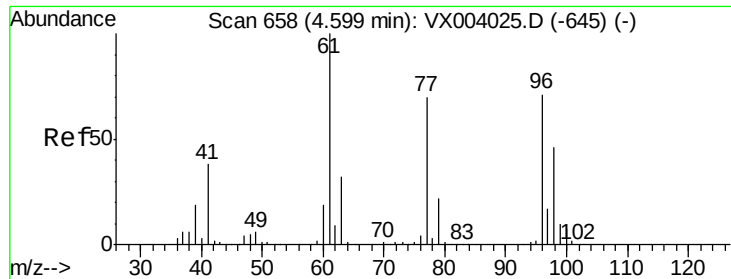
20000

10000

0

Time-->





#27

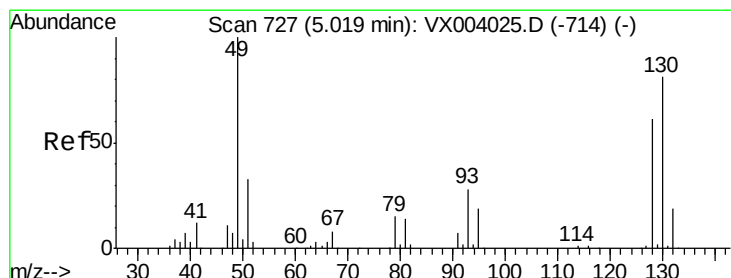
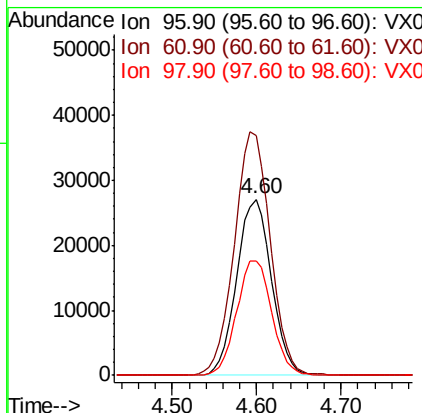
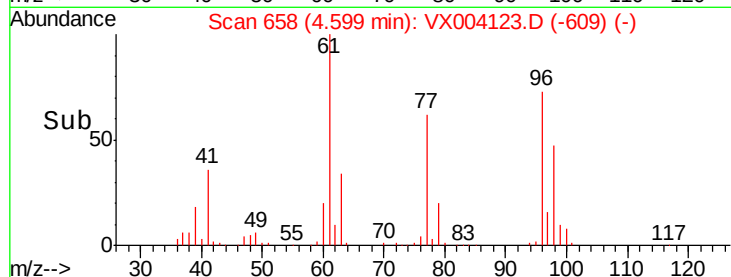
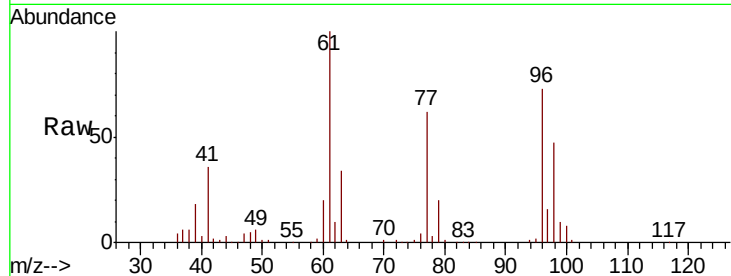
cis-1,2-Dichloroethene
 Concen: 18.43 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX004123.D
 Acq: 17 Aug 2018 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	75597		
61	143.5	0.0	293.0	
98	65.8	0.0	131.8	

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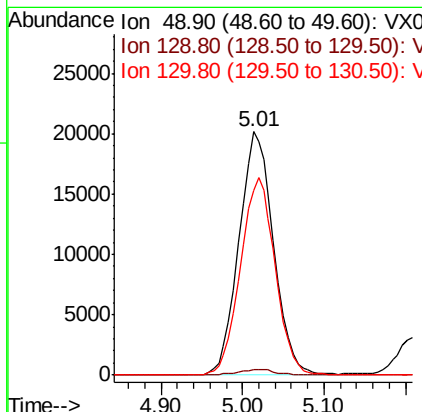
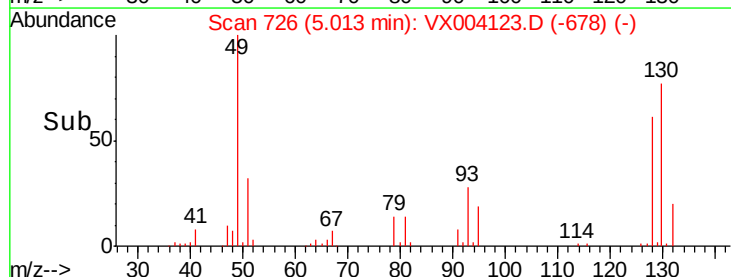
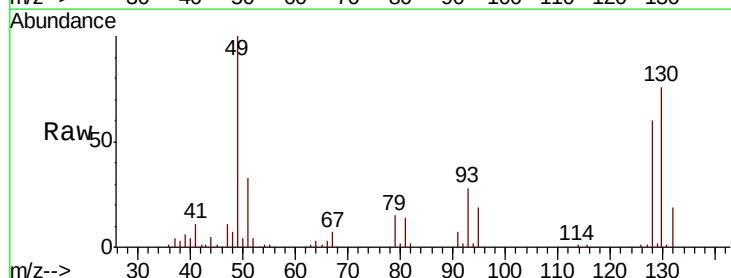
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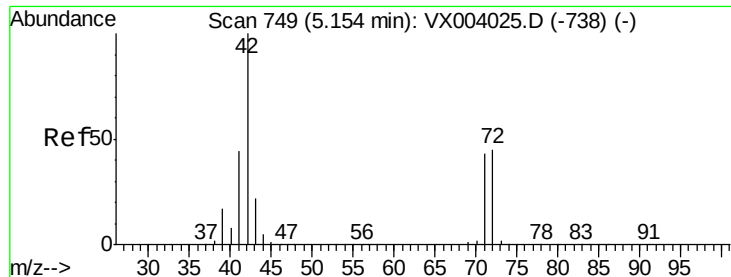


#28

Bromochloromethane
 Concen: 19.08 ug/l
 RT: 5.01 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: VX004123.D
 Acq: 17 Aug 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	59381		
129	2.4	0.0	4.2	
130	81.2	66.5	99.7	





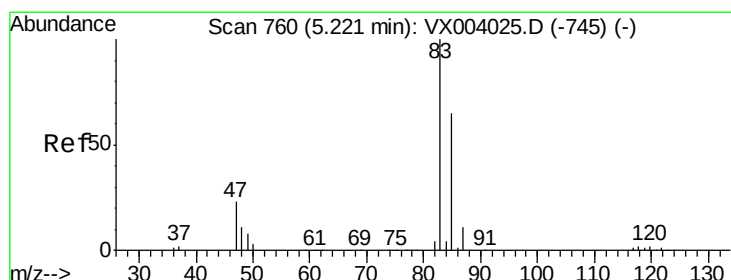
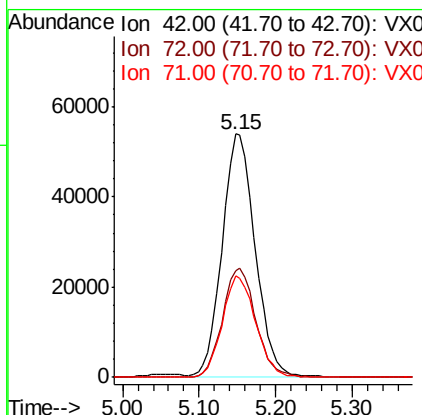
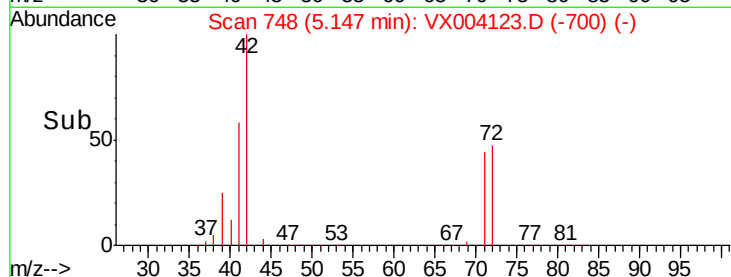
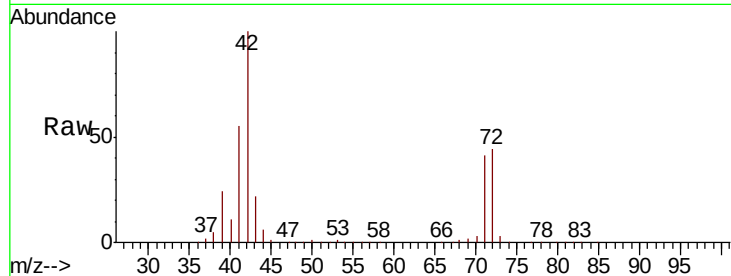
#29
Tetrahydrofuran
Concen: 86.17 ug/l
RT: 5.15 min Scan# 748
Delta R.T. -0.01 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	37.7	56.5
71	42.2	35.0	52.6

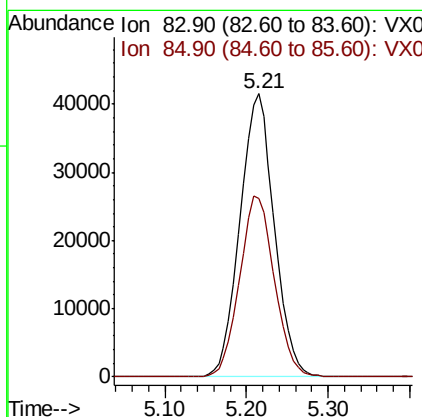
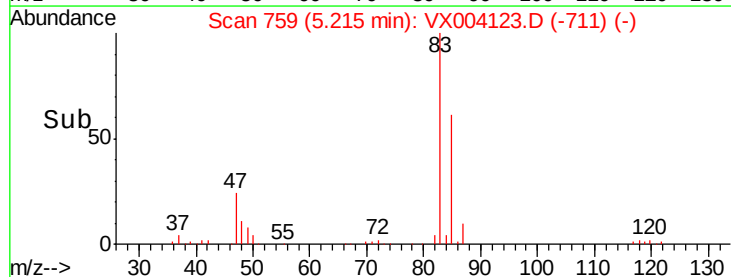
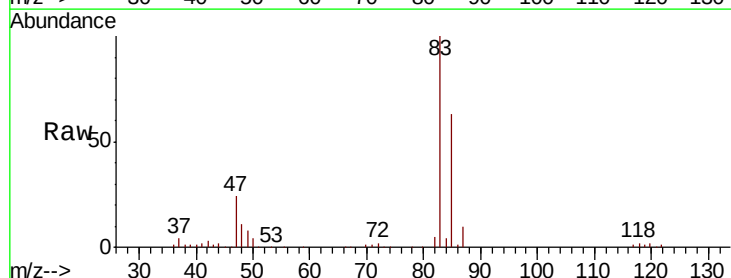
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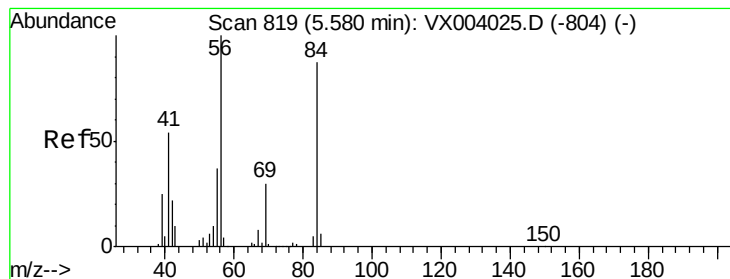
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#30
Chloroform
Concen: 18.30 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	50.7	76.1





#31

Cyclohexane

Concen: 17.25 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

Instrument :

MSVOA_X

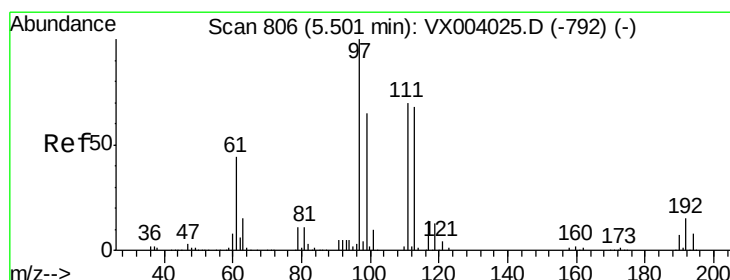
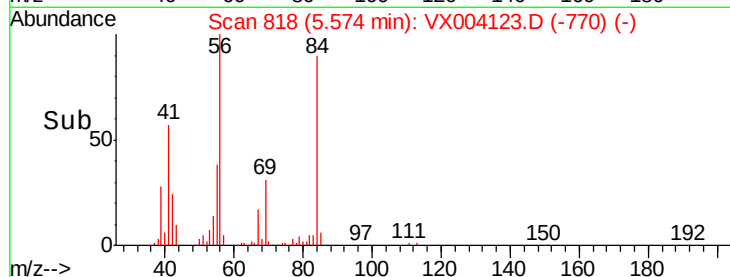
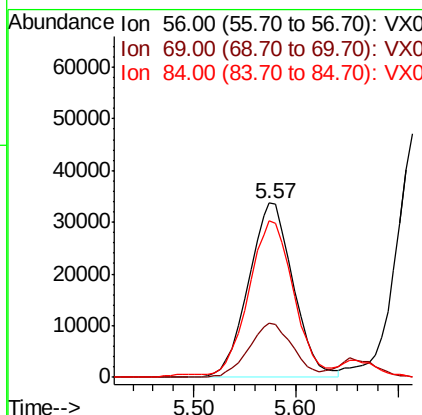
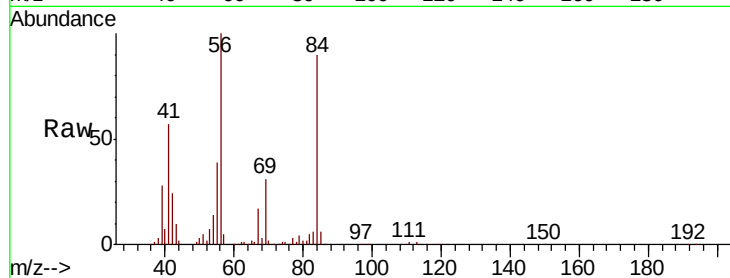
ClientSampleId :

VX0817WBS01

Tot Ion	56	Resp	102611
Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.9	37.3
84	88.3	71.7	107.5

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#32

1,1,1-Trichloroethane

Concen: 19.19 ug/l

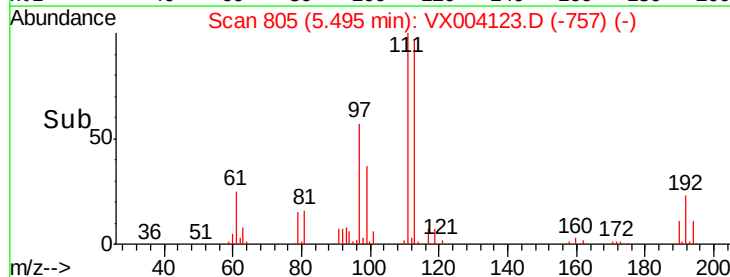
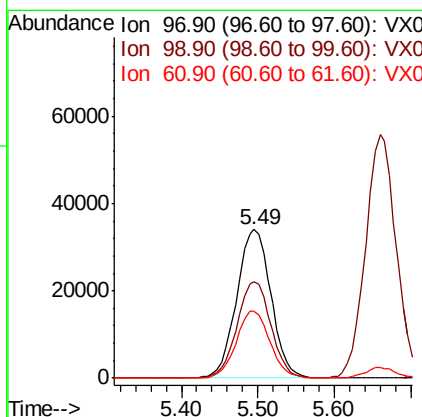
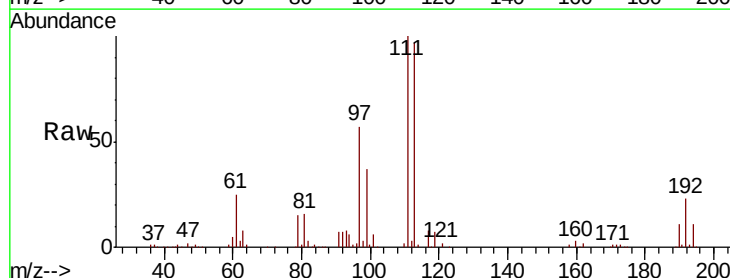
RT: 5.49 min Scan# 805

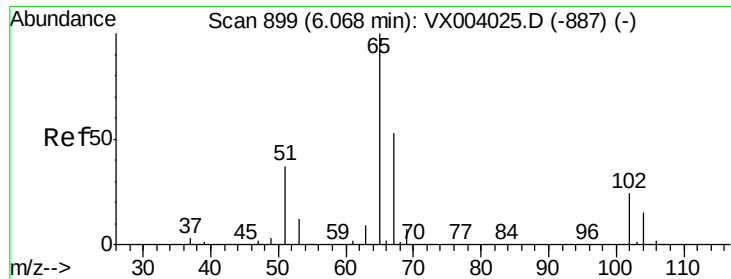
Delta R.T. -0.01 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

Tgt Ion	97	Resp	106150
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.8	77.8
61	44.6	34.4	51.6





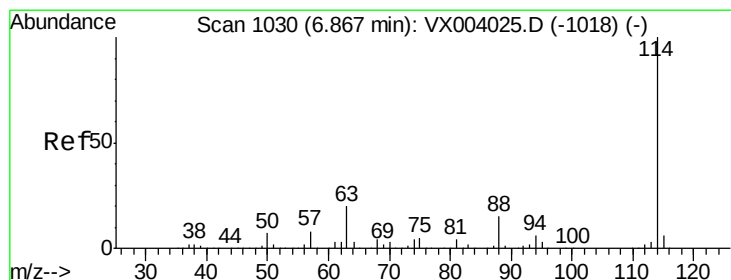
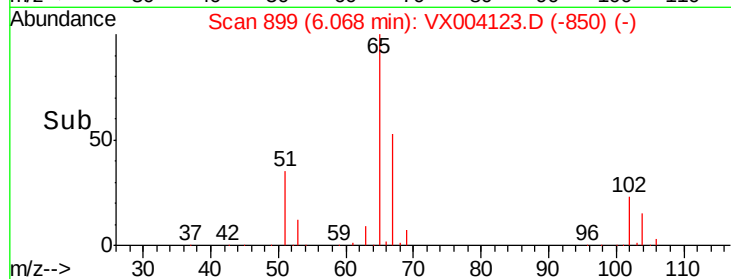
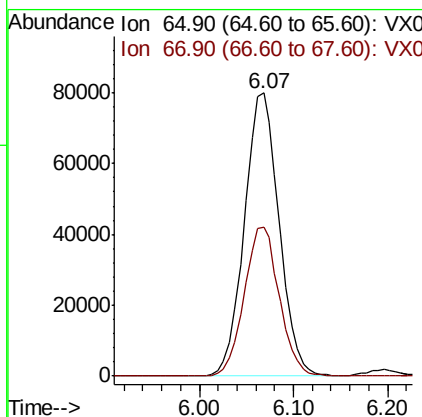
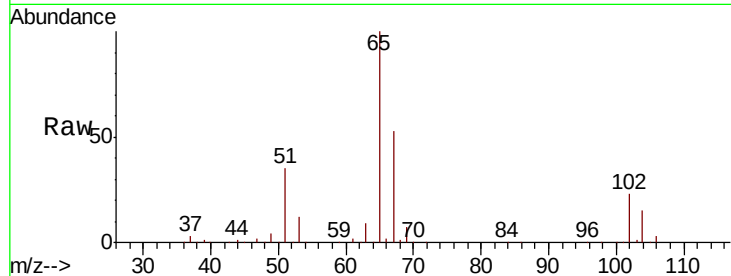
#33
 1,2-Dichloroethane-d4
 Concen: 48.04 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004123.D
 Acq: 17 Aug 2018 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	206677		
67	53.2	0.0	105.8	

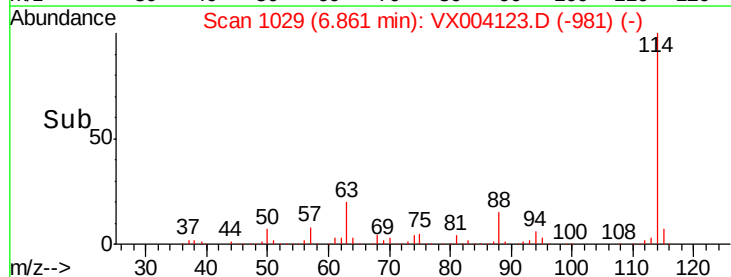
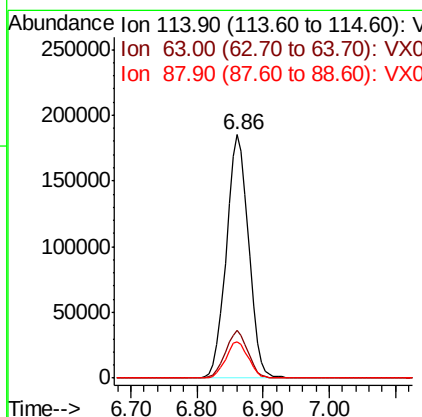
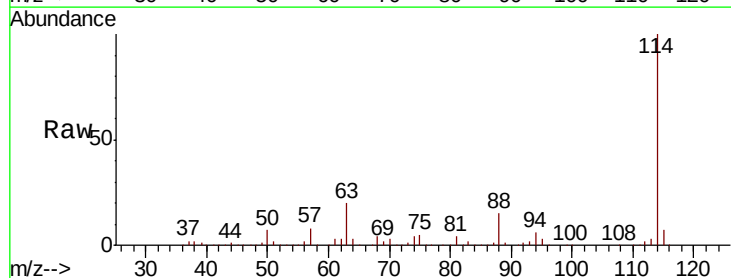
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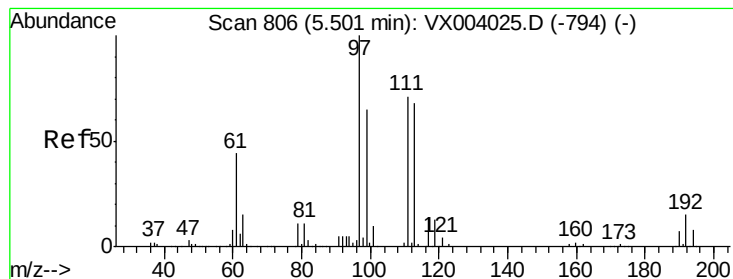
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004123.D
 Acq: 17 Aug 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	431423		
63	19.9	0.0	39.0	
88	15.1	0.0	32.0	





#35

Dibromofluoromethane

Concen: 53.86 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0817WBS01

Tot Ion:113 Resp: 173898

Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

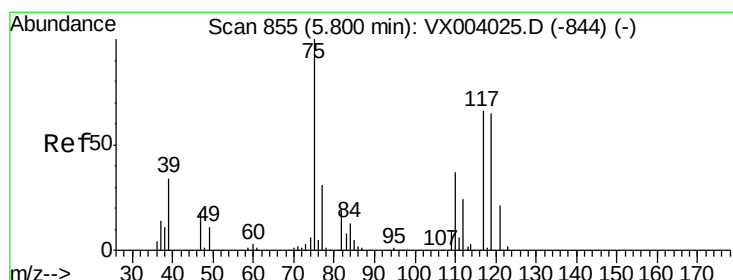
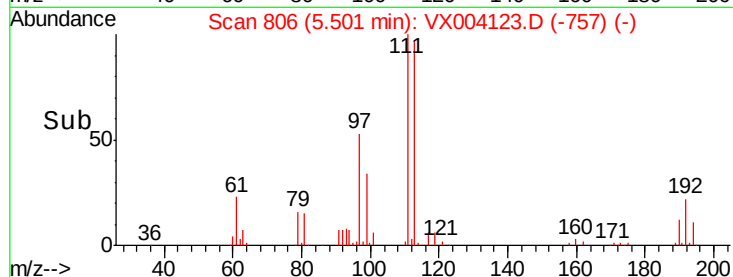
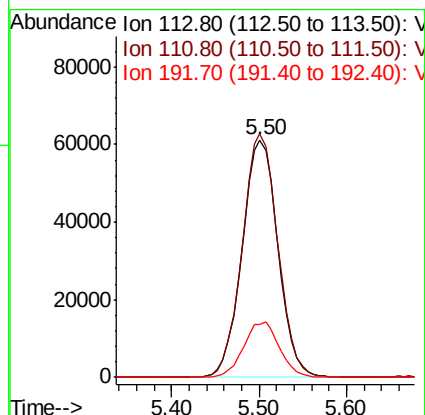
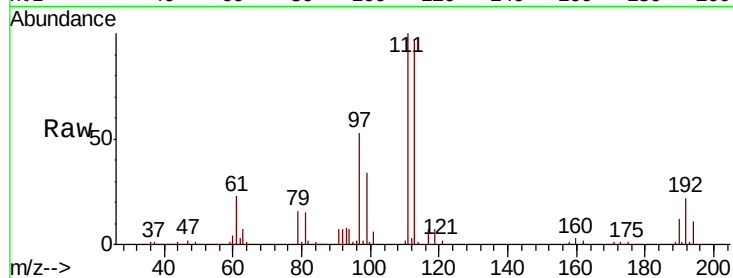
192 23.4 19.0 28.4

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#36

1,1-Dichloropropene

Concen: 19.01 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

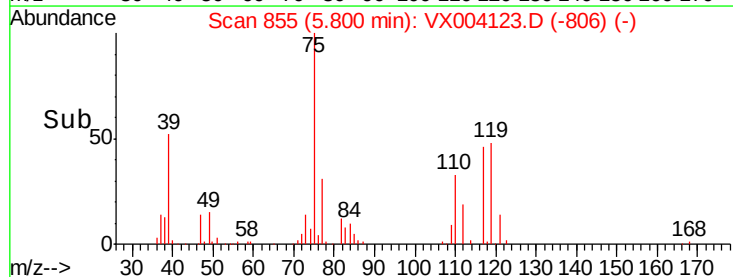
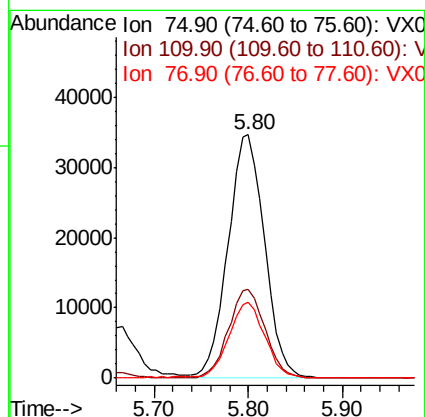
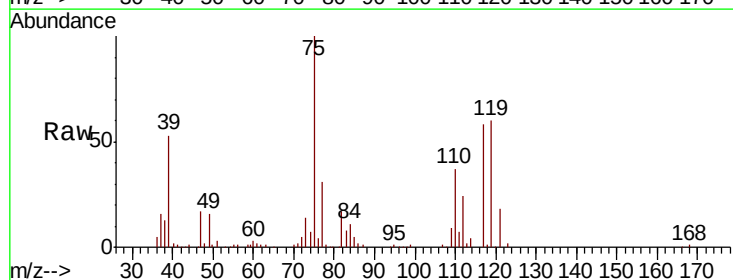
Tgt Ion: 75 Resp: 93327

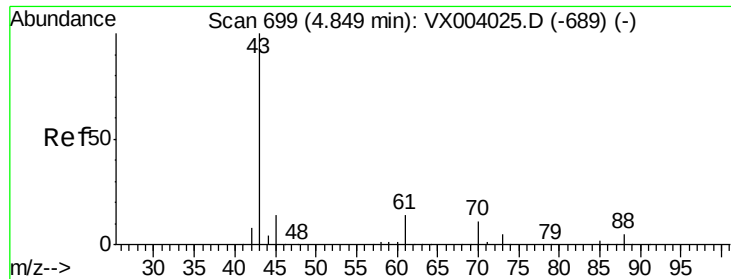
Ion Ratio Lower Upper

75 100

110 36.5 18.2 54.6

77 31.1 25.0 37.4





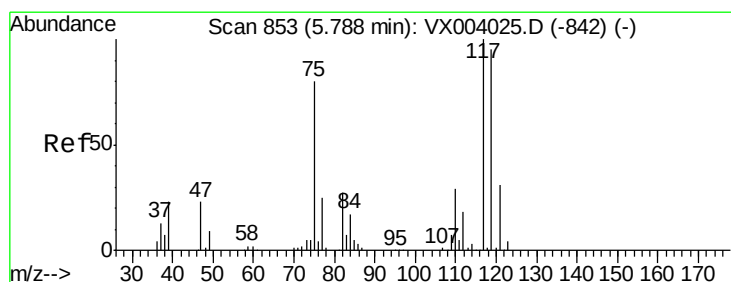
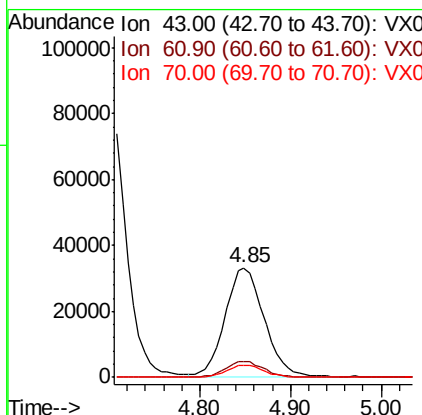
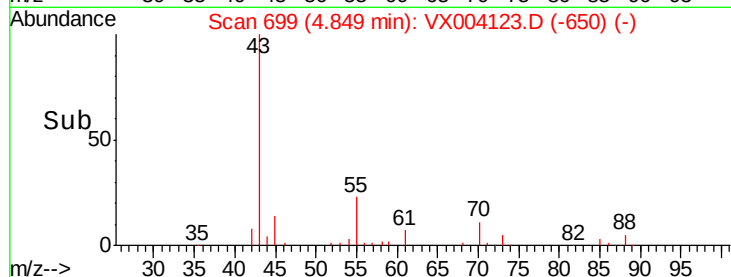
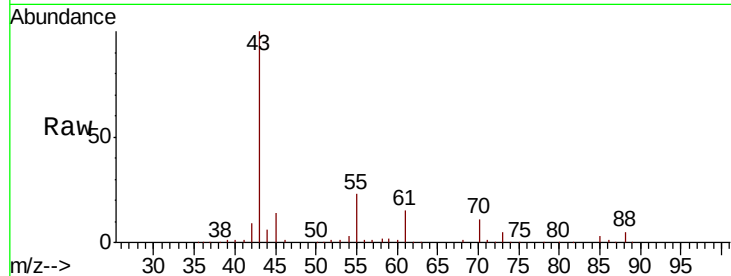
#37
Ethyl Acetate
Concen: 18.23 ug/l
RT: 4.85 min Scan# 699
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Instrument :
MSVOA_X
ClientSampleID :
VX0817WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.5	17.3
70	11.3	9.0	13.4

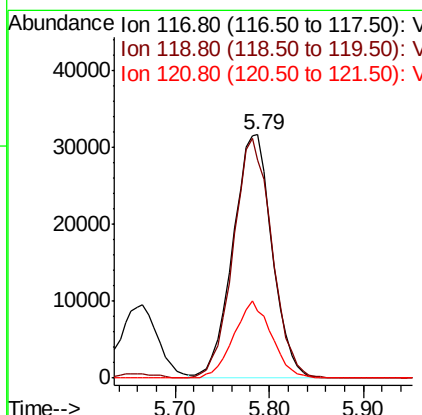
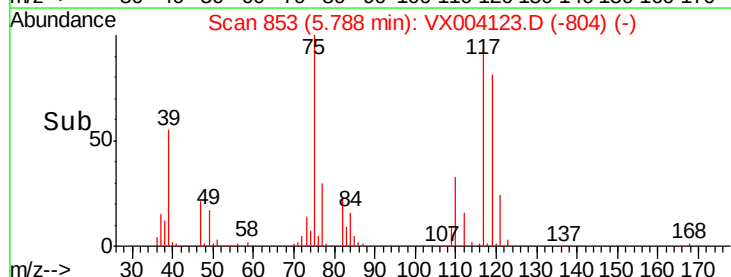
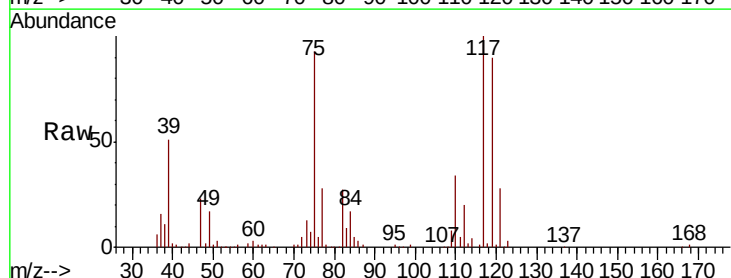
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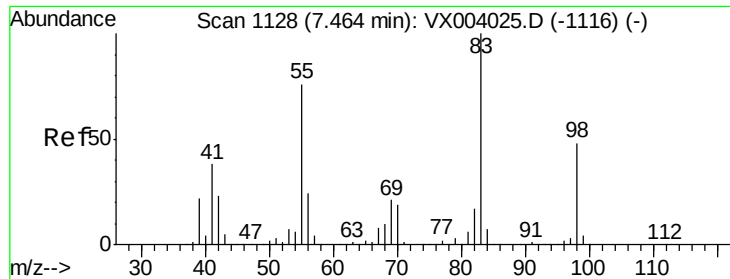
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#38
Carbon Tetrachloride
Concen: 19.29 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.7	79.5	119.3
121	27.5	25.0	37.4





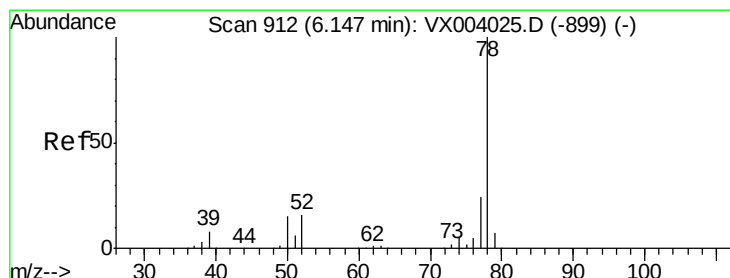
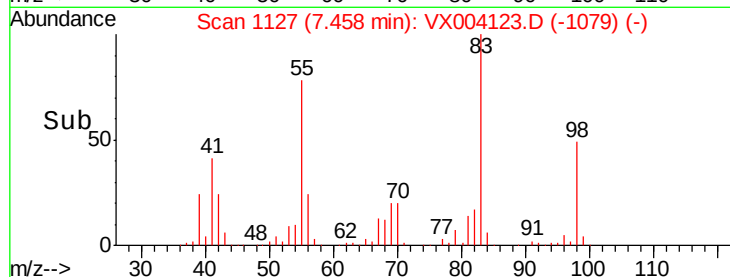
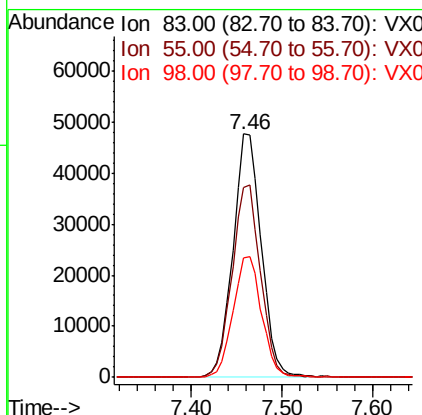
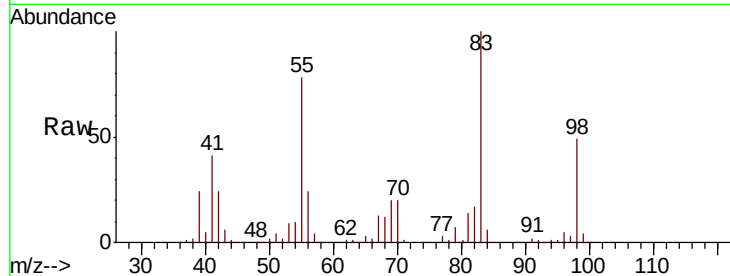
#39
Methylvlcyclohexane
Concen: 18.55 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	77.9	61.0	91.6	
98	49.2	38.6	57.8	

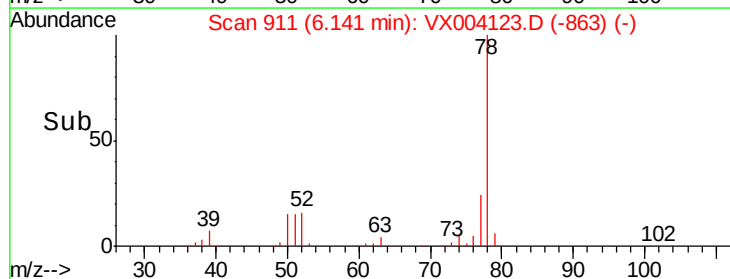
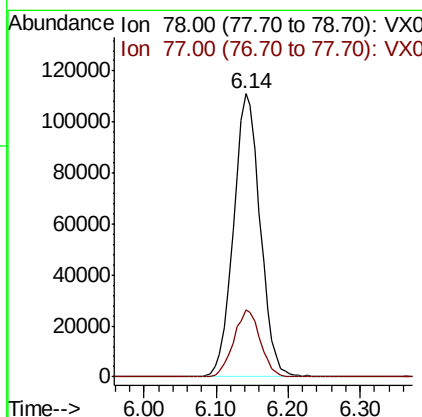
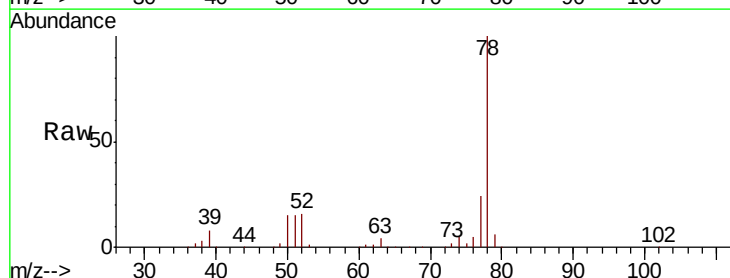
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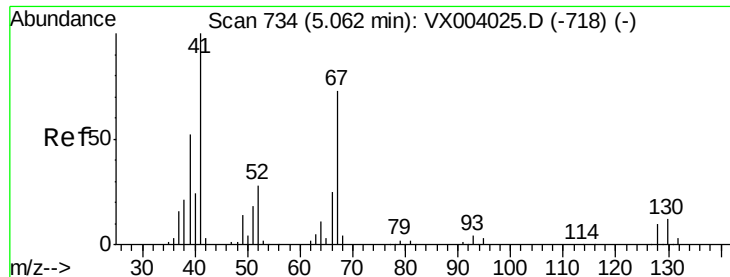
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#40
Benzene
Concen: 19.34 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.9	19.0	28.4	





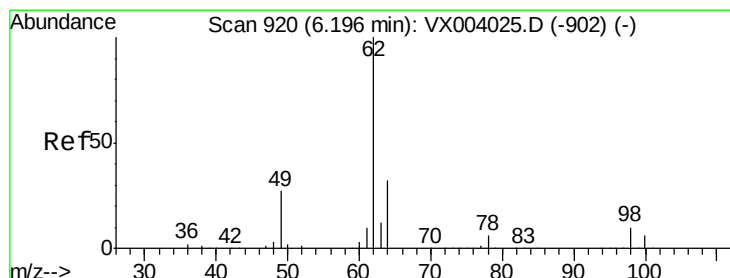
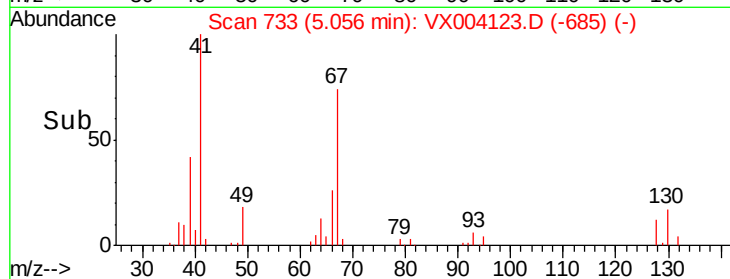
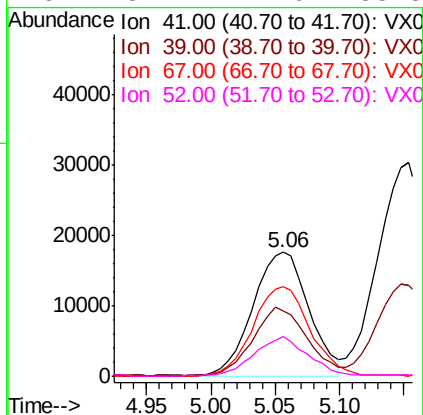
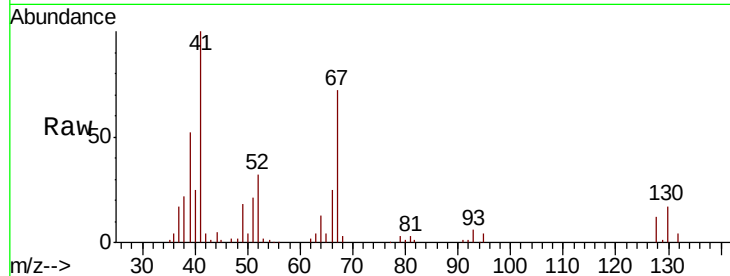
#41
Methacrylonitrile
Concen: 17.67 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	42.7	64.1	
67	74.5	58.9	88.3	
52	31.1	22.6	33.8	

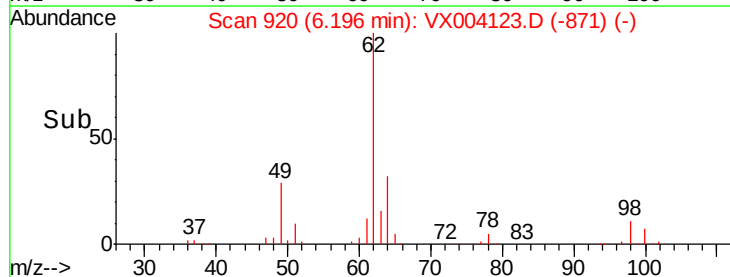
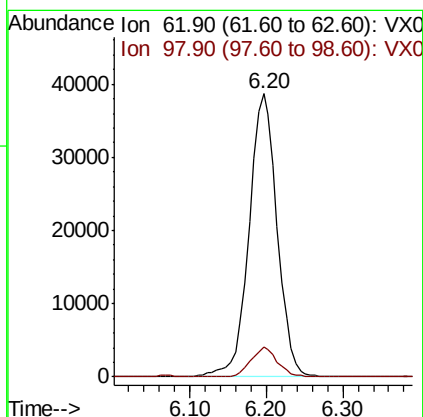
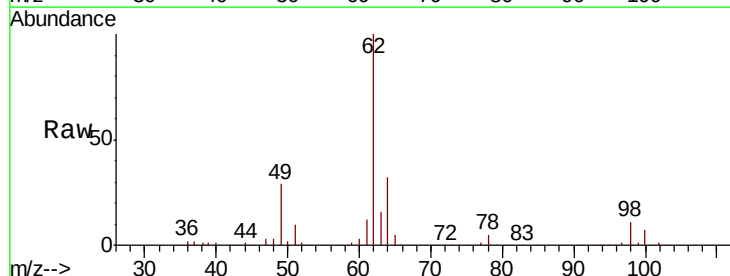
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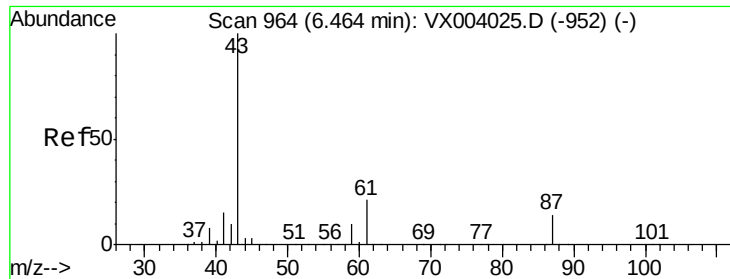
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#42
1,2-Dichloroethane
Concen: 19.18 ug/l
RT: 6.20 min Scan# 920
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	20.4	





#43

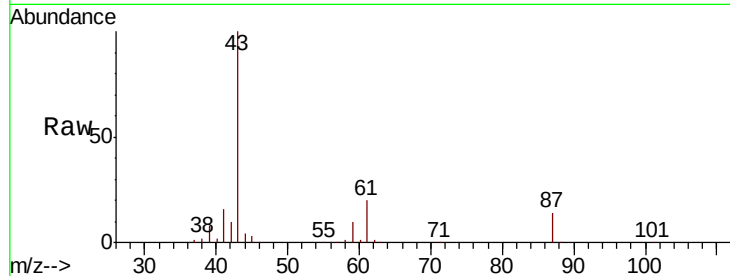
Isopropyl Acetate
 Concen: 17.84 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: VX004123.D
 Acq: 17 Aug 2018 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBS01

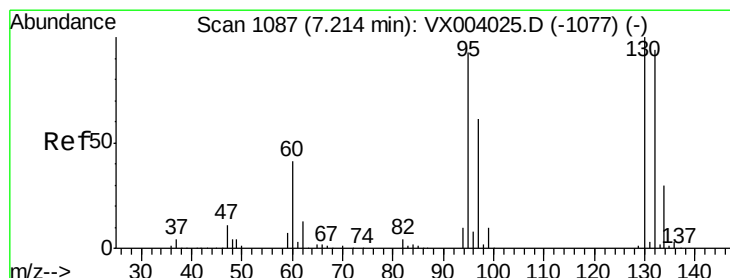
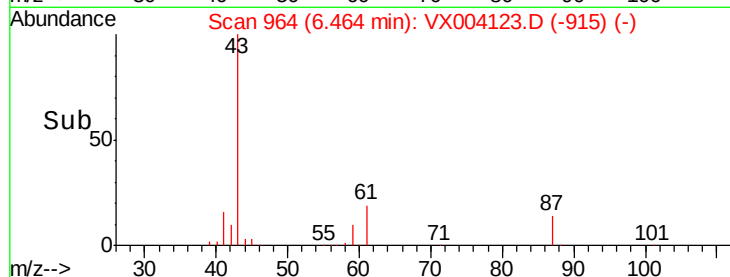
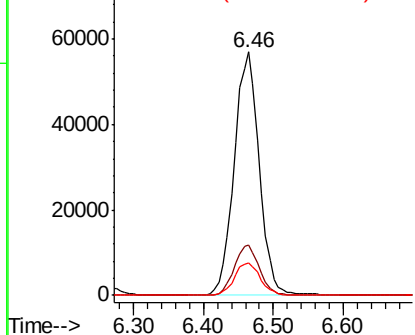
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.9	25.3
87	14.0	11.3	16.9

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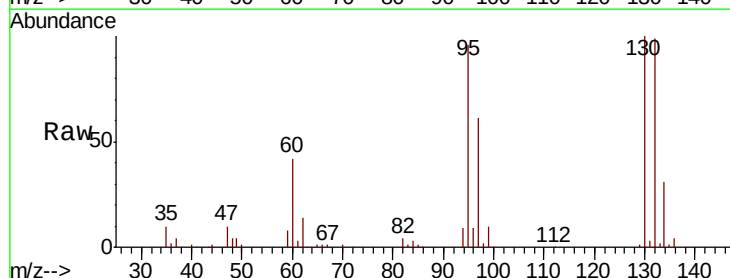
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



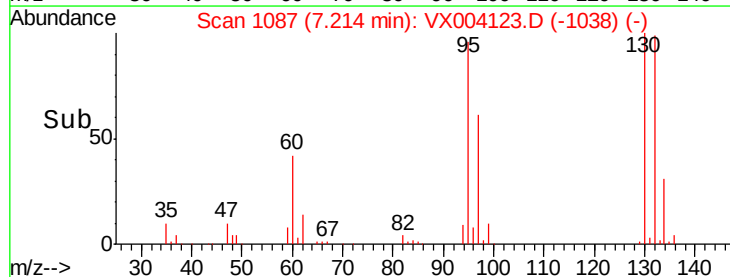
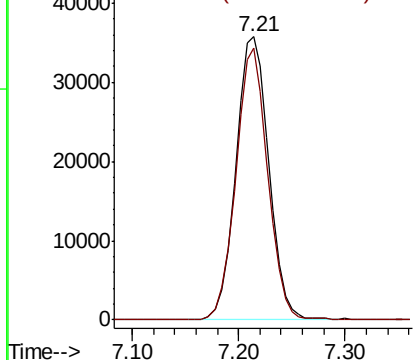
#44

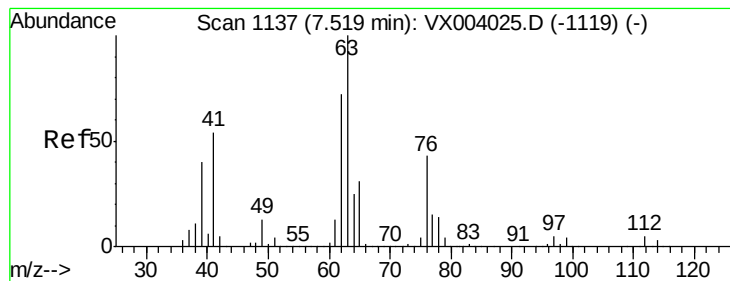
Trichloroethene
 Concen: 19.37 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX004123.D
 Acq: 17 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	199.4



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





#45

1,2-Dichloropropane

Concen: 19.61 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0817WBS01

Tot Ion: 63 Resp: 73988

Ion Ratio Lower Upper

63 100

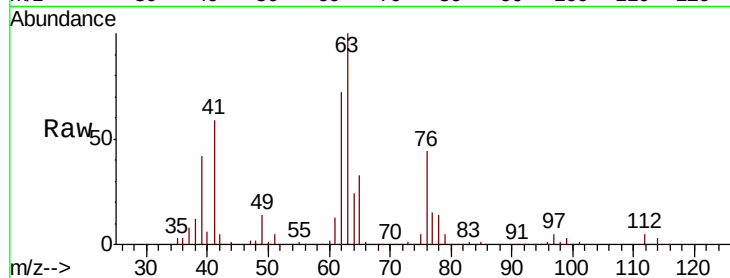
65 32.8 24.6 36.8

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

40000

30000

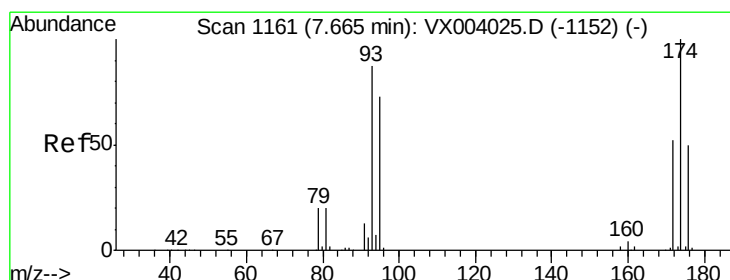
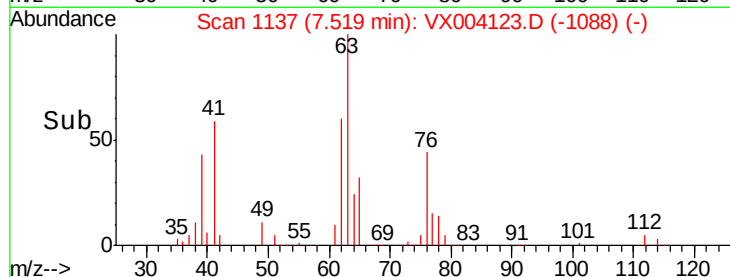
20000

10000

0

Time--> 7.30 7.40 7.50 7.60 7.70

7.52



#46

Dibromomethane

Concen: 19.73 ug/l

RT: 7.66 min Scan# 1160

Delta R.T. -0.01 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

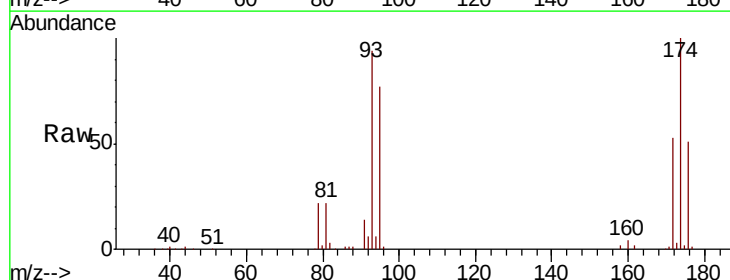
Tgt Ion: 93 Resp: 48661

Ion Ratio Lower Upper

93 100

95 84.0 66.4 99.6

174 116.0 94.3 141.5



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

40000

30000

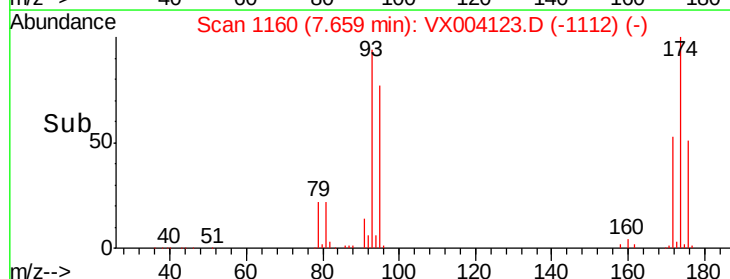
20000

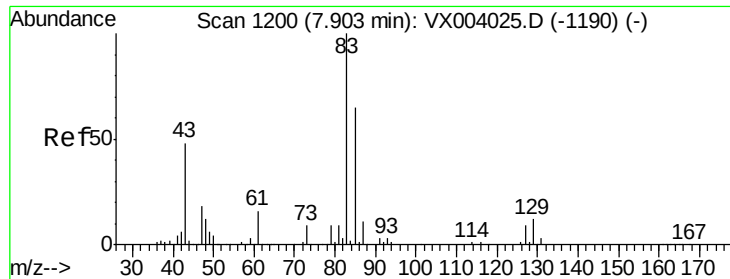
10000

0

Time--> 7.60 7.70 7.80

7.66





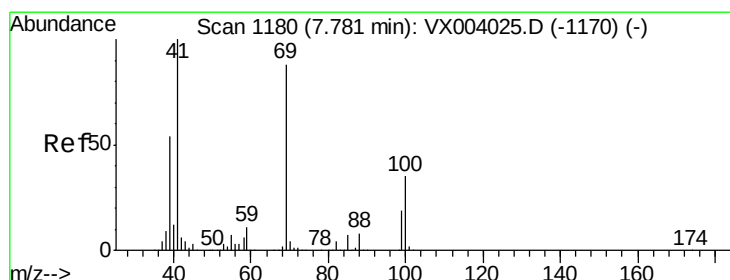
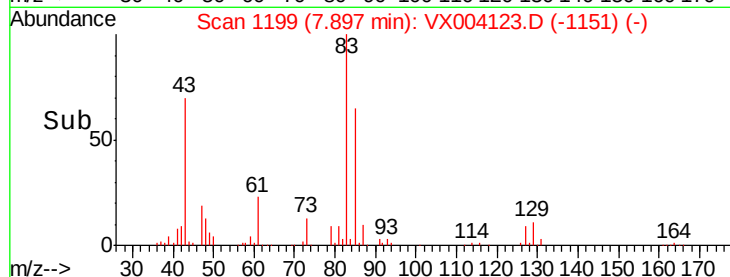
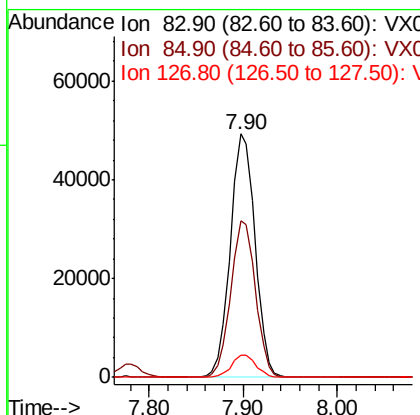
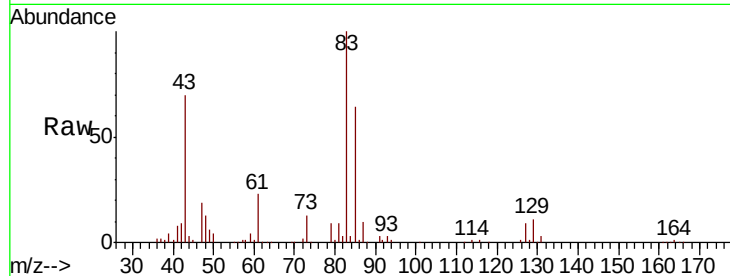
#47
Bromodichloromethane
Concen: 19.27 ug/l
RT: 7.90 min Scan# 1199
Delta R.T. -0.01 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBS01

Tot Ion	83	Resp	90002
Ion Ratio	100	Lower	Upper
83	100		
85	64.4	51.2	76.8
127	9.1	7.2	10.8

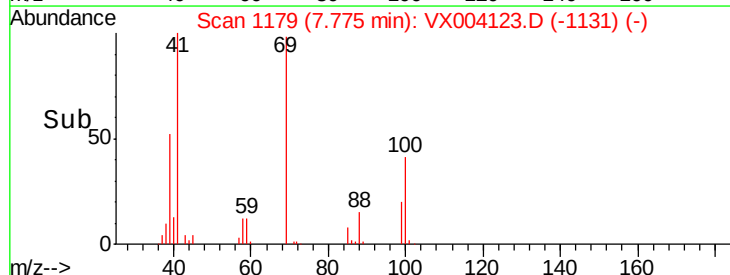
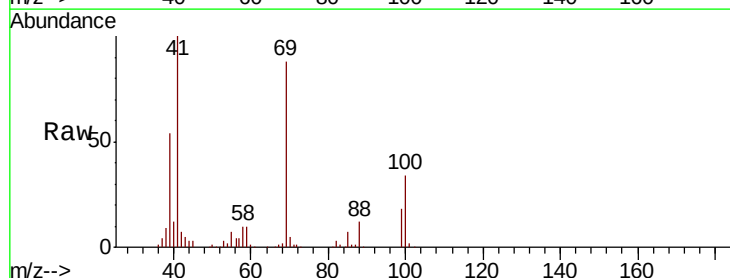
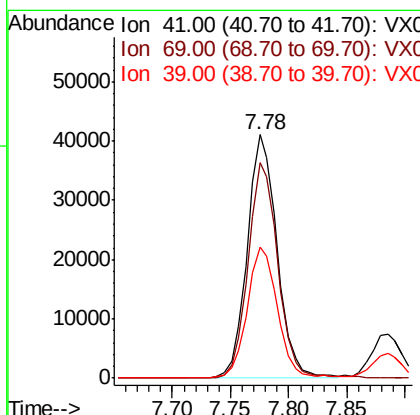
Manual Integrations
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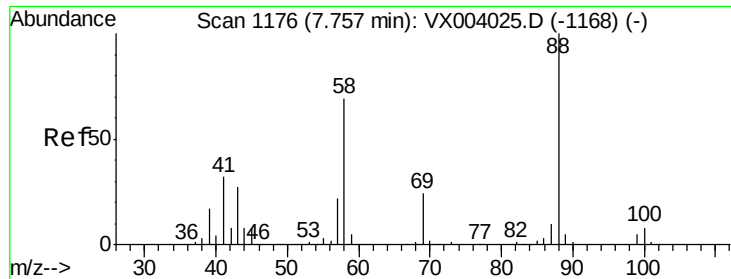
MMDadoda
8/20/2018 10:04:09 AM



#48
Methyl methacrylate
Concen: 18.57 ug/l
RT: 7.78 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Tgt Ion	41	Resp	73646
Ion Ratio	100	Lower	Upper
41	100		
69	88.5	68.8	103.2
39	54.2	42.3	63.5





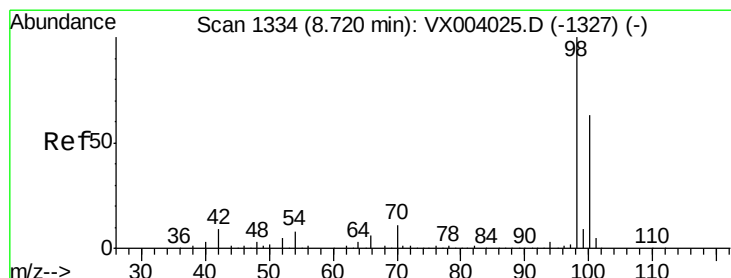
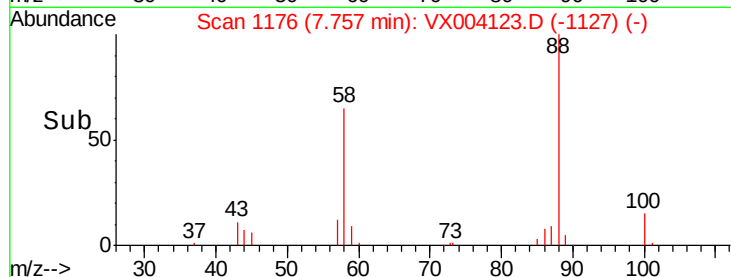
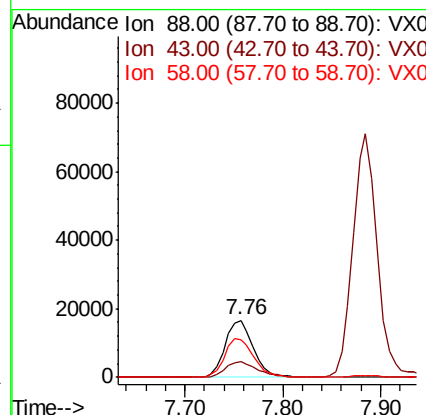
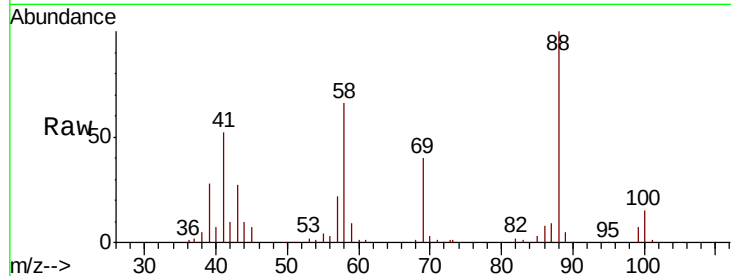
#49
1,4-Dioxane
Concen: 373.15 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.1	23.8	35.8
58	71.0	55.4	83.0

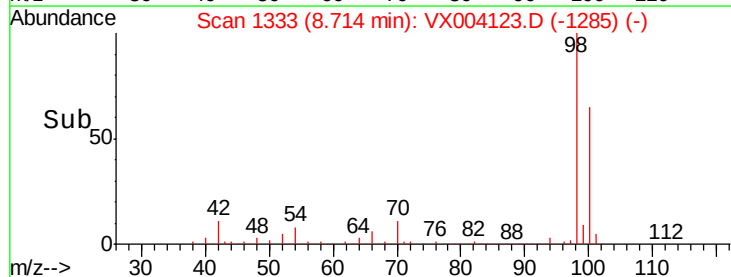
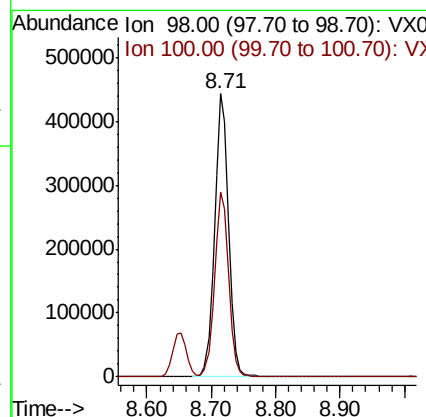
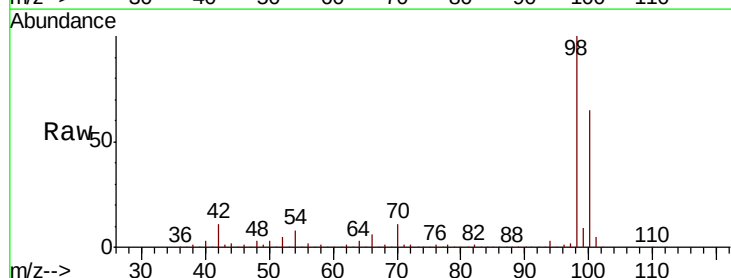
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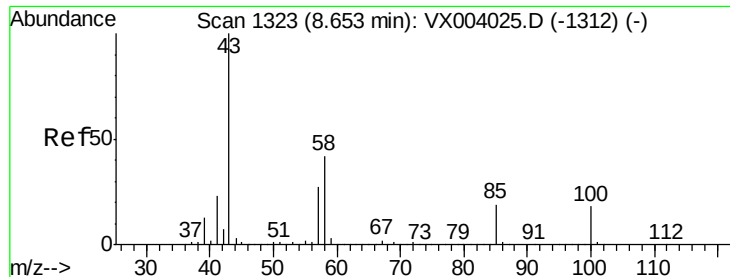
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#50
Toluene-d8
Concen: 51.23 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.3	79.9





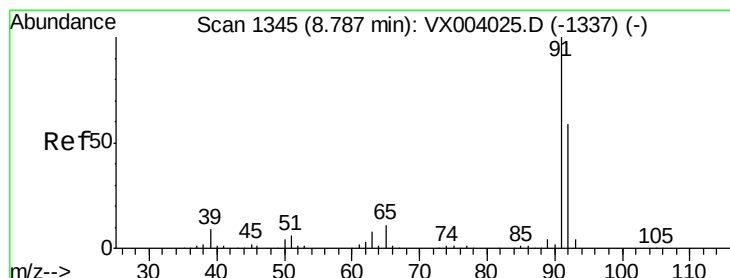
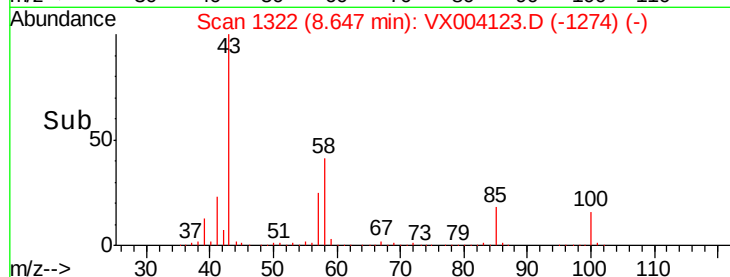
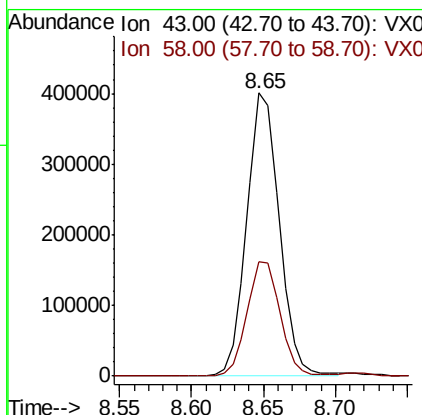
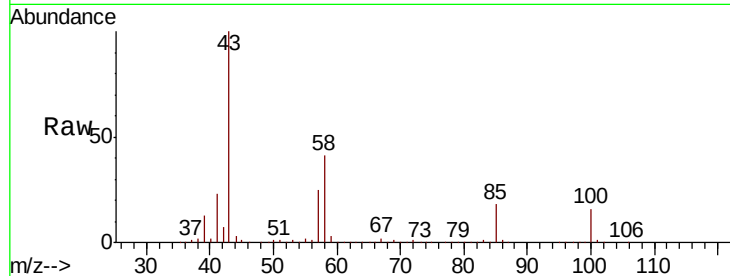
#51
4-Methyl-2-Pentanone
Concen: 96.89 ug/l
RT: 8.65 min Scan# 1322
Delta R.T. -0.01 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBS01

Tot Ion: 43 Resp: 626037
Ion Ratio Lower Upper
43 100
58 41.0 33.0 49.6

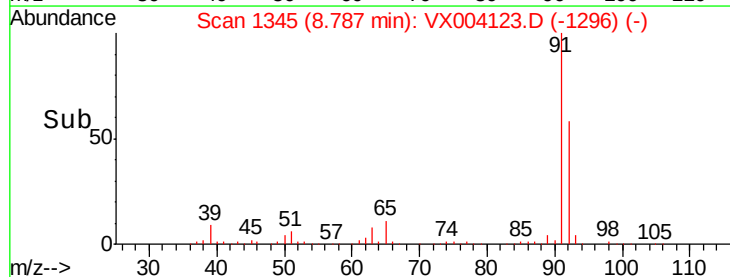
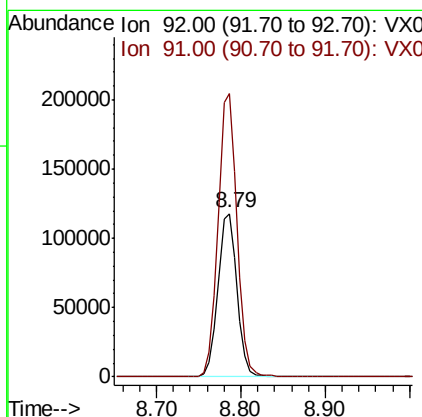
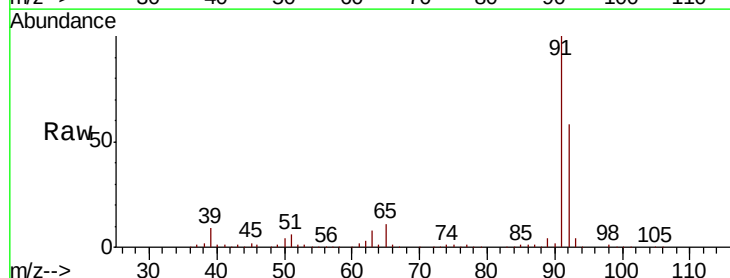
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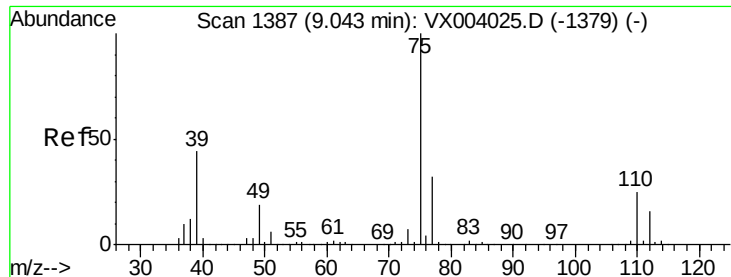
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#52
Toluene
Concen: 19.92 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Tgt Ion: 92 Resp: 185723
Ion Ratio Lower Upper
92 100
91 172.0 136.1 204.1





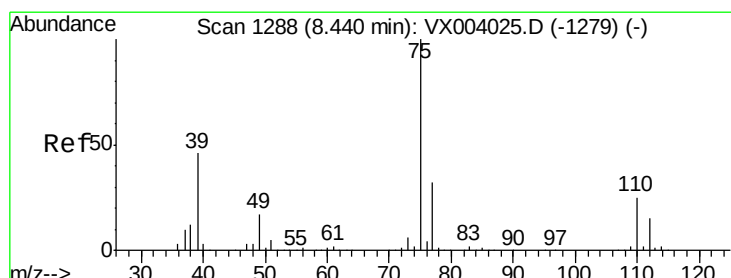
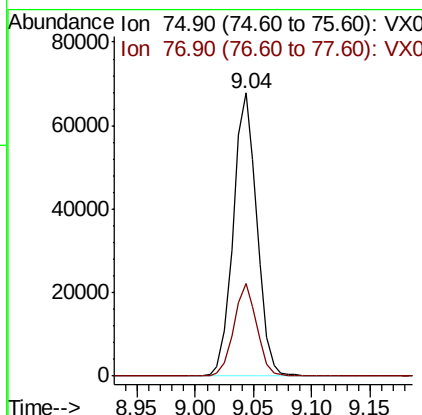
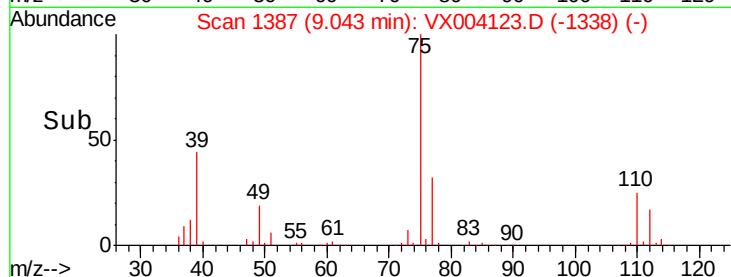
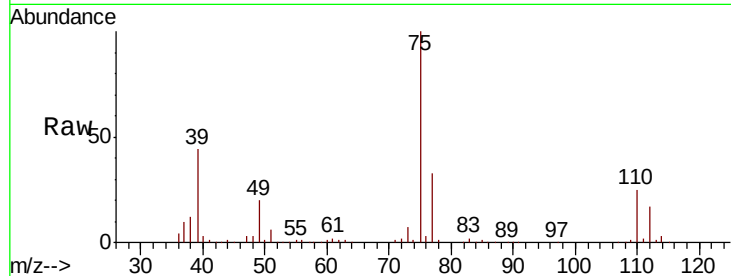
#53
t-1,3-Dichloropropene
Concen: 19.03 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBS01

Tot Ion: 75 Resp: 96025
Ion Ratio Lower Upper
75 100
77 32.5 25.1 37.7

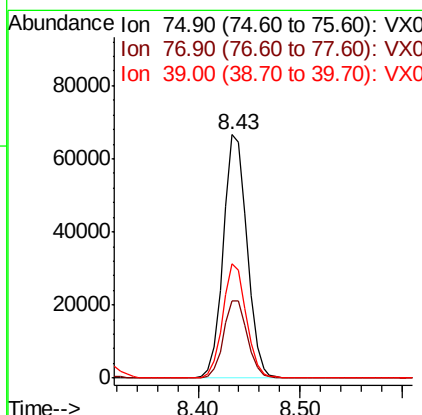
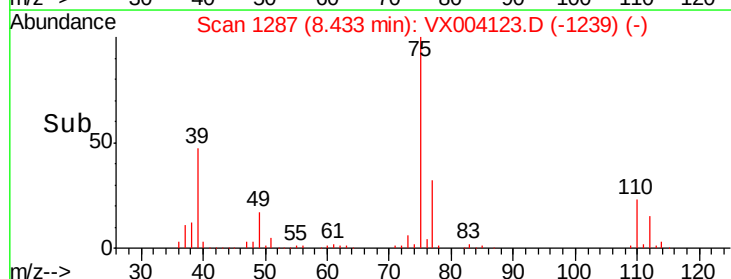
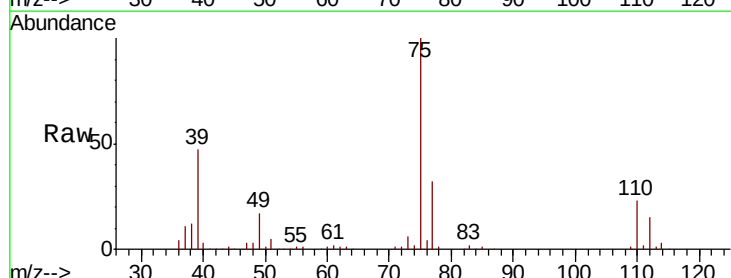
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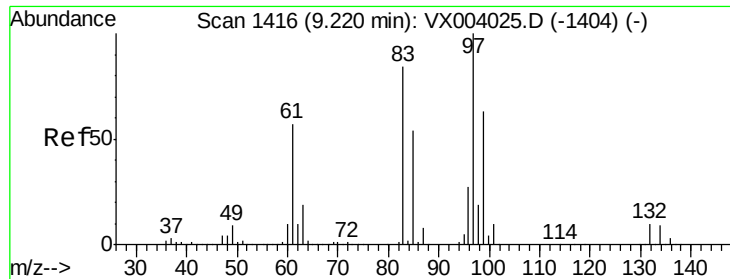
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#54
cis-1,3-Dichloropropene
Concen: 19.25 ug/l
RT: 8.43 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Tgt Ion: 75 Resp: 107586
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 46.9 36.2 54.2





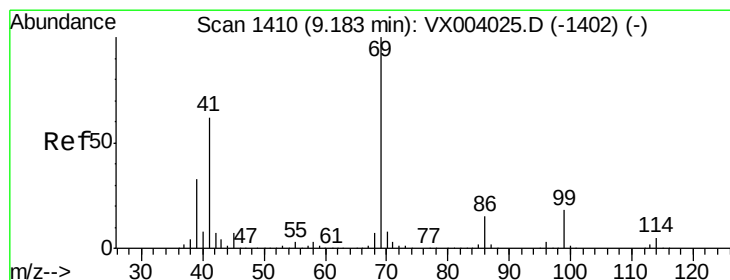
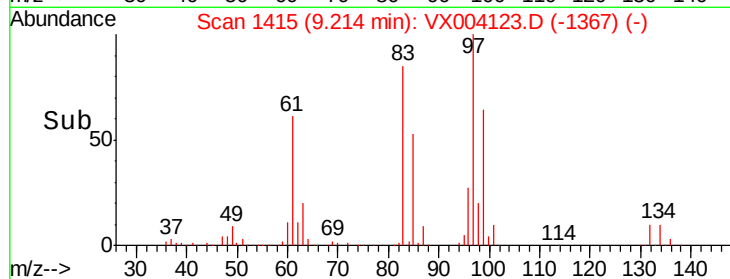
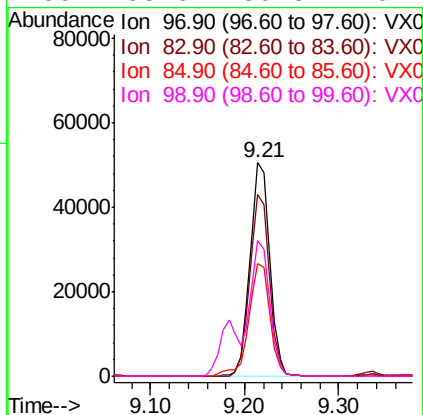
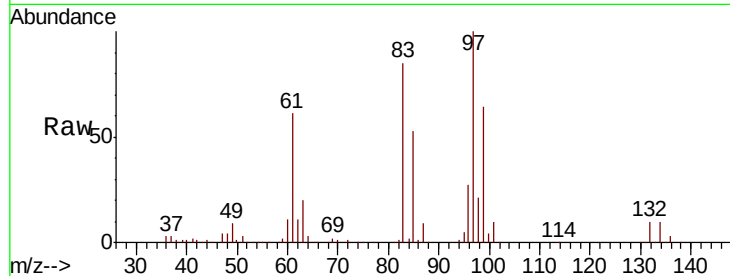
#55
 1,1,2-Trichloroethane
 Concen: 19.56 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: VX004123.D
 Acq: 17 Aug 2018 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		75308		
83	85.0	67.8	101.6		
85	52.8	44.2	66.2		
99	63.6	50.8	76.2		

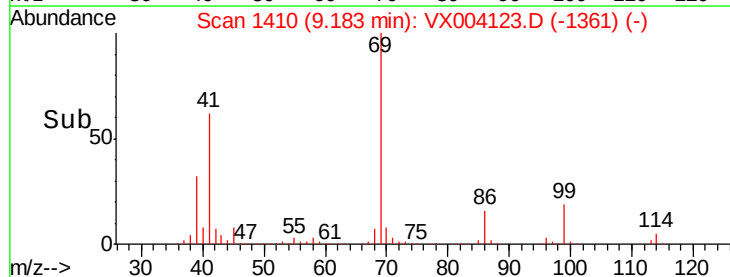
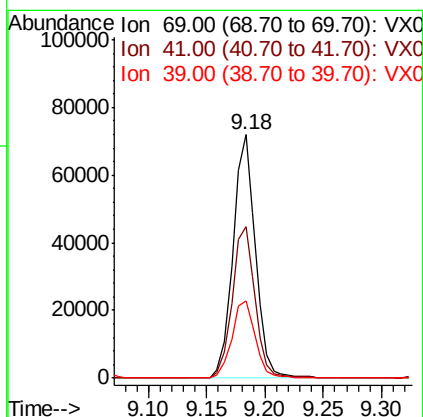
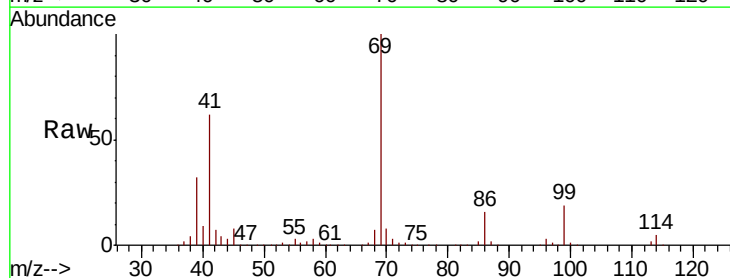
Manual Integrations
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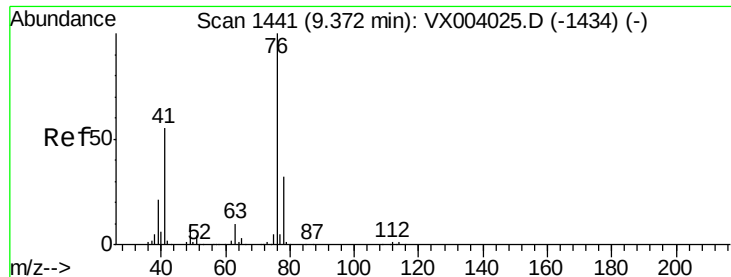
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#56
 Ethyl methacrylate
 Concen: 18.40 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX004123.D
 Acq: 17 Aug 2018 11:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		96349		
41	63.8	50.6	76.0		
39	33.4	25.8	38.6		





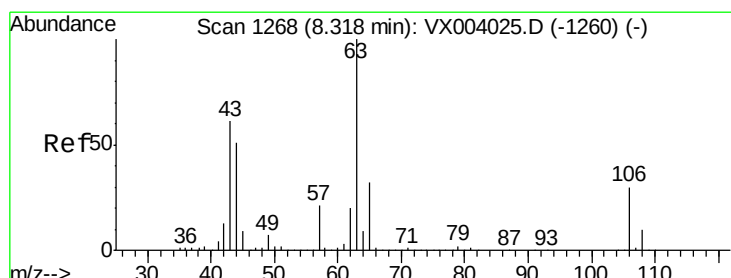
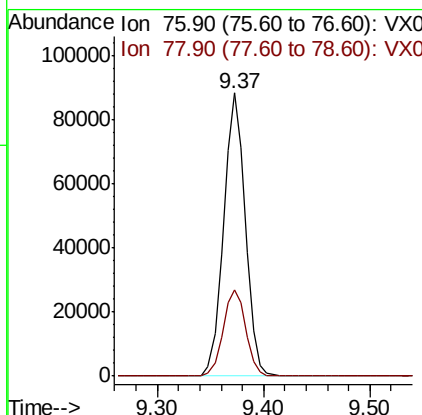
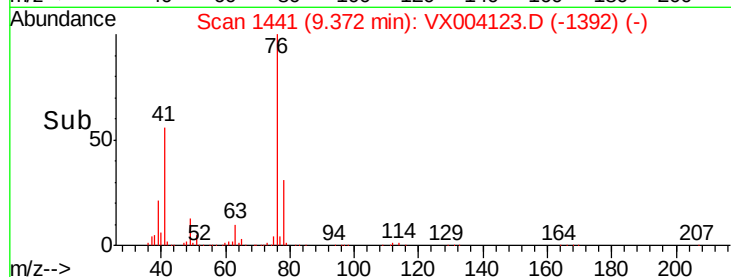
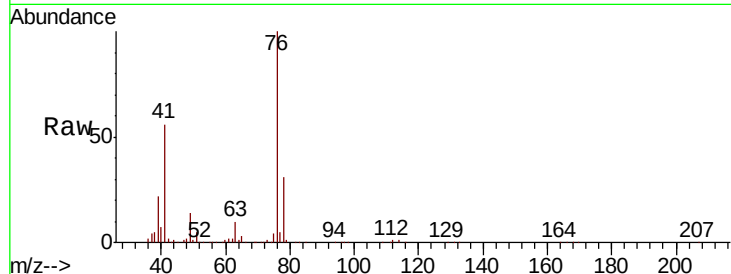
#57
 1,3-Dichloropropane
 Concen: 19.70 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX004123.D
 Acq: 17 Aug 2018 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	25.9	38.9

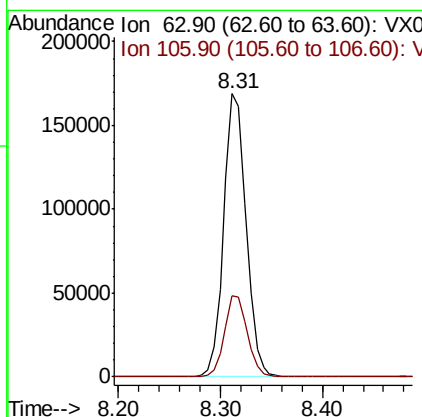
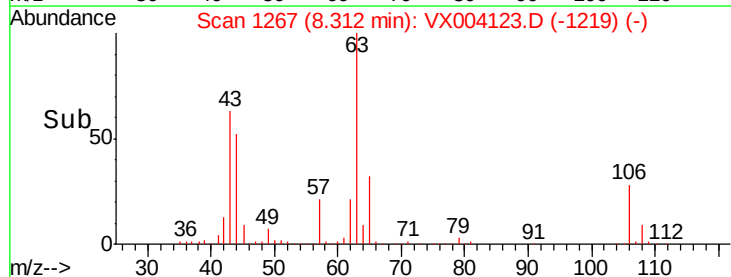
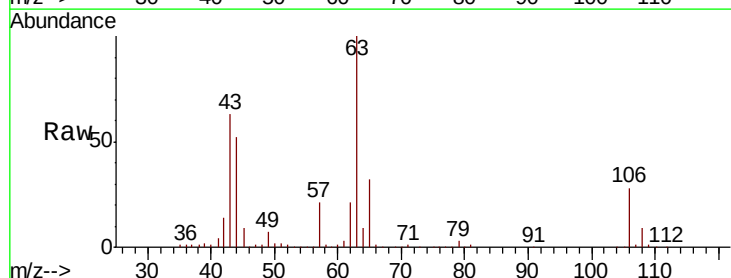
Manual Integrations
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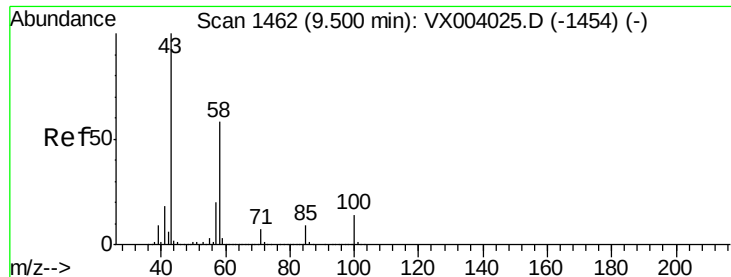
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#58
 2-Chloroethyl Vinyl ether
 Concen: 96.83 ug/l
 RT: 8.31 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: VX004123.D
 Acq: 17 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	23.8	35.8





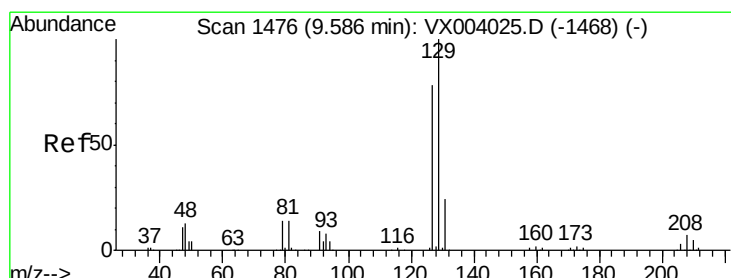
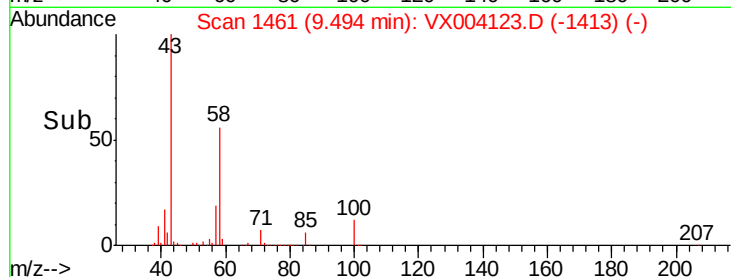
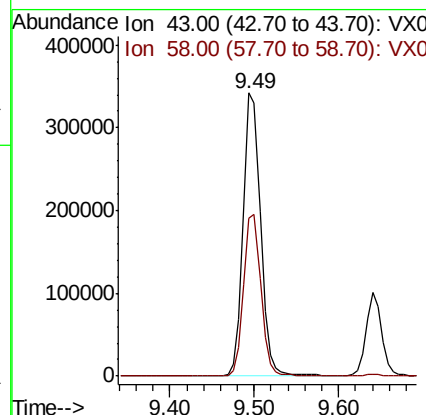
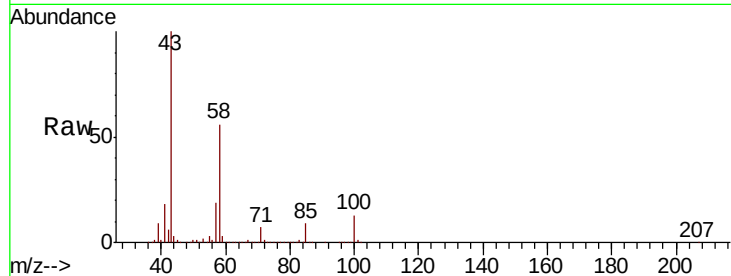
#59
2-Hexanone
Concen: 97.53 ug/l
RT: 9.49 min Scan# 1461
Delta R.T. -0.01 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBS01

Tot Ion	43	Resp	474270
Ion	Ratio	Lower	Upper
43	100		
58	57.0	29.0	87.0

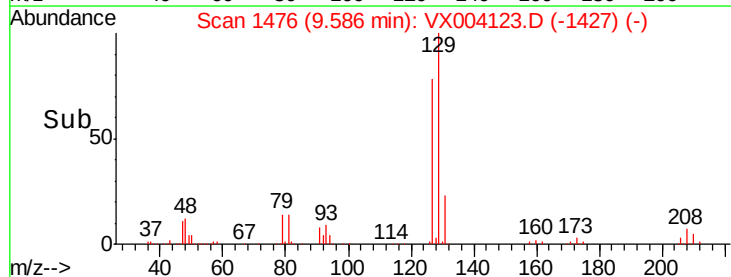
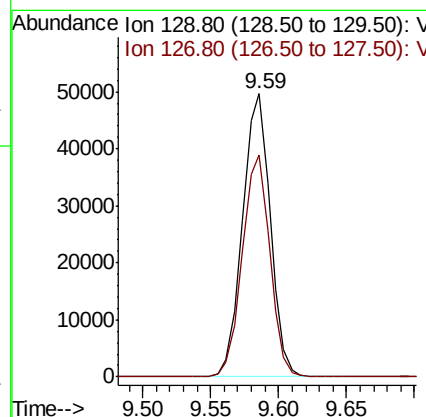
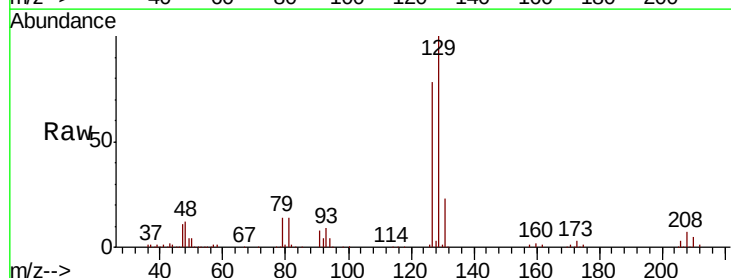
Manual Integrations
APPROVED

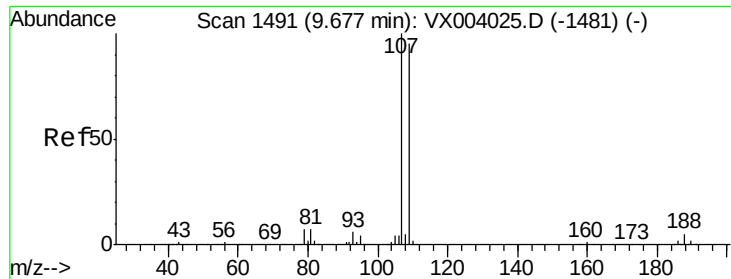
MMDadoda
8/20/2018 10:04:09 AM



#60
Dibromochloromethane
Concen: 19.10 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Tgt Ion	129	Resp	70765
Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.8	116.3





#61

1,2-Dibromoethane

Concen: 19.61 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0817WBS01

Tot Ion: 107 Resp: 76981

Ion Ratio Lower Upper

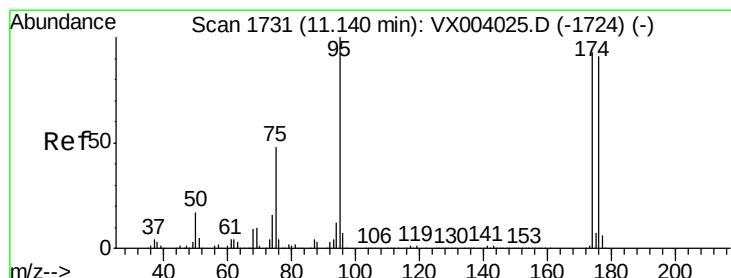
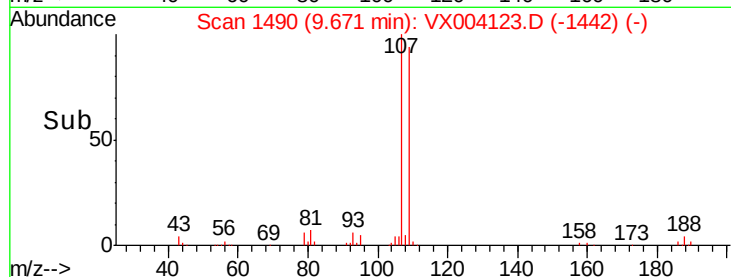
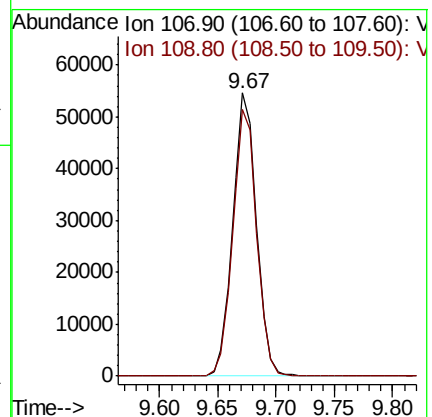
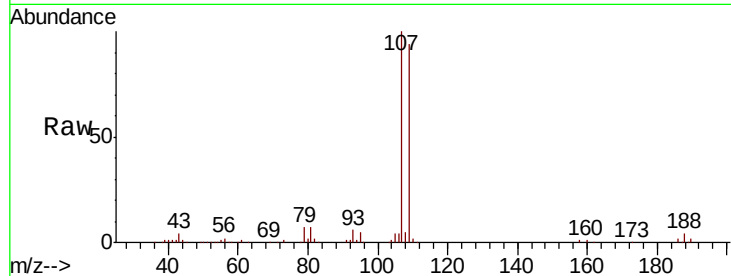
107 100

109 95.1 75.8 113.8

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#62

4-Bromofluorobenzene

Concen: 48.71 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

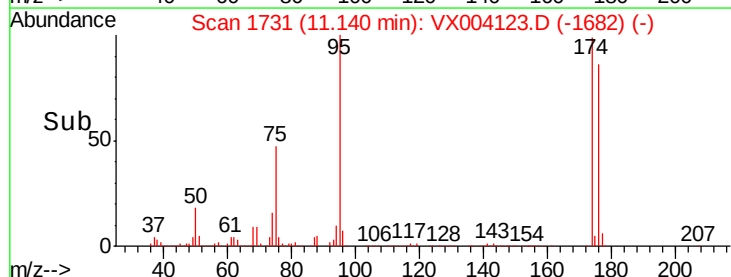
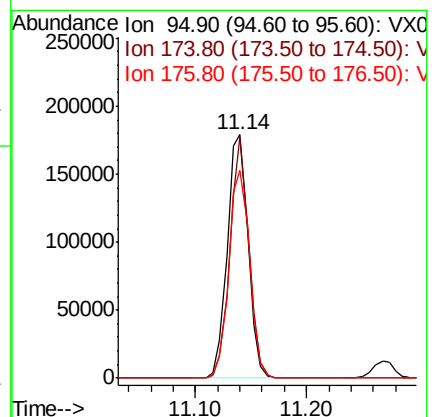
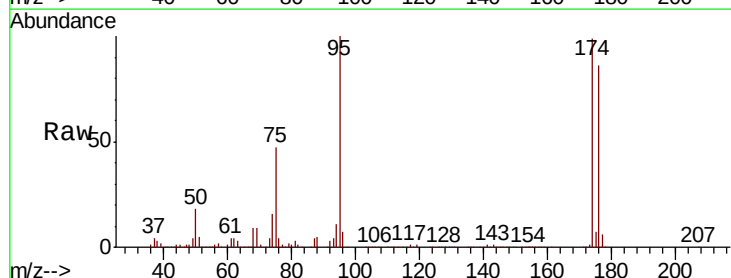
Tgt Ion: 95 Resp: 231262

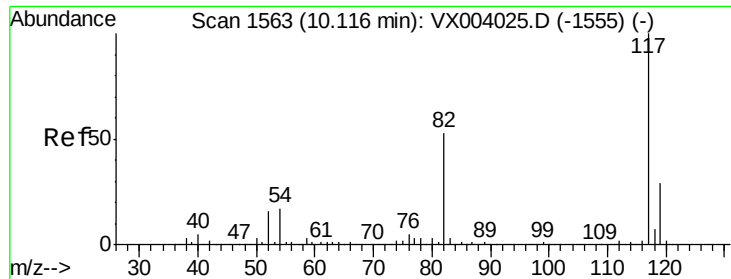
Ion Ratio Lower Upper

95 100

174 89.9 0.0 182.8

176 85.7 0.0 179.0





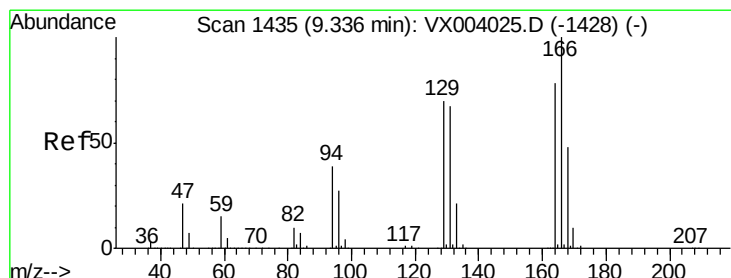
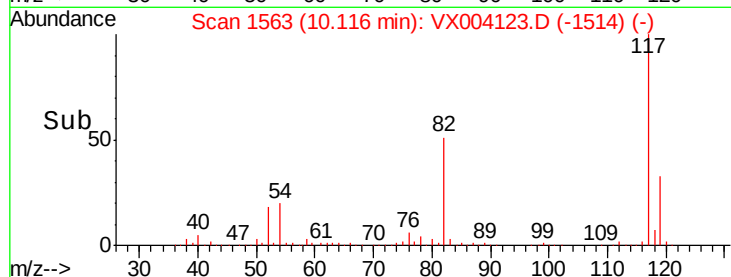
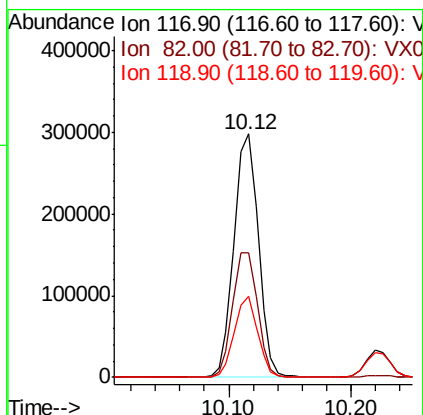
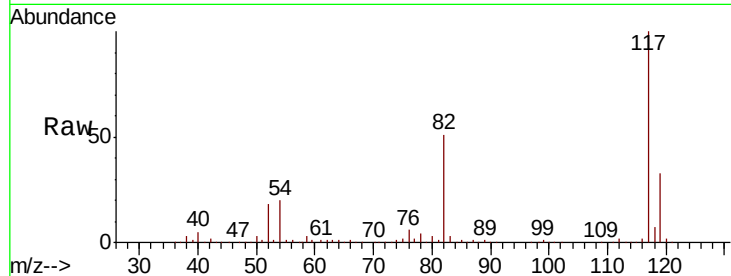
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	45.4	68.0
119	33.2	26.6	40.0

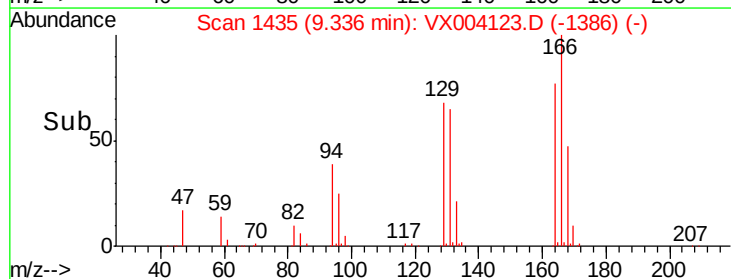
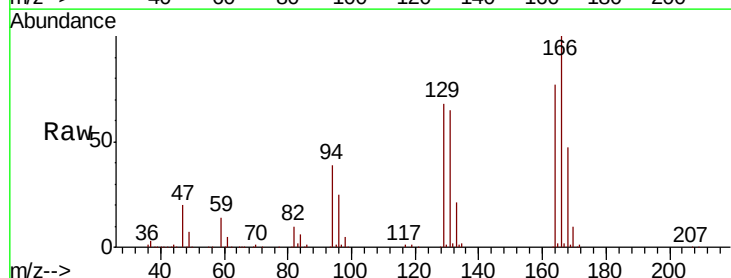
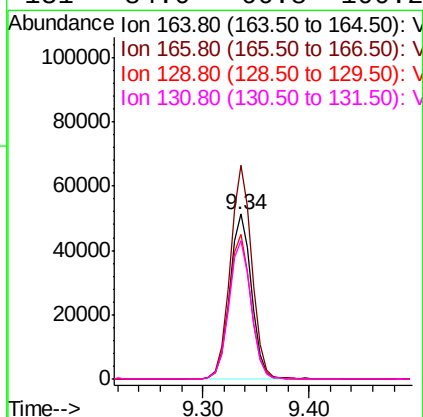
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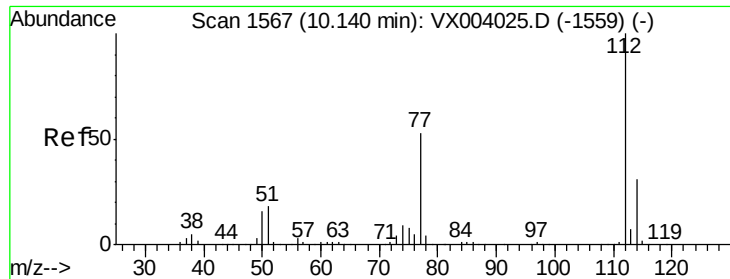
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#64
Tetrachloroethene
Concen: 18.89 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	98.0	147.0
129	88.0	64.3	96.5
131	84.0	66.8	100.2





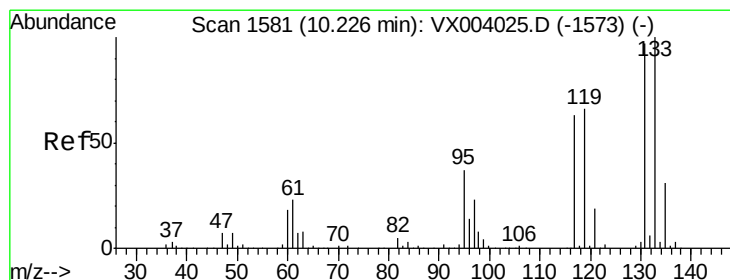
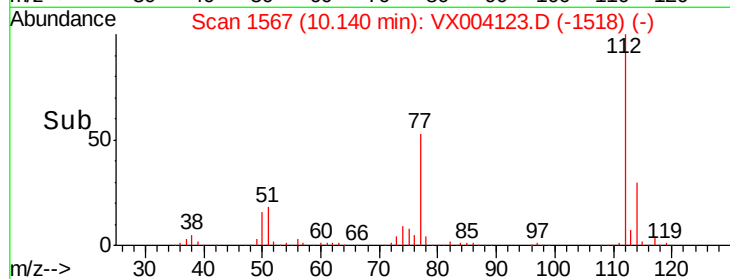
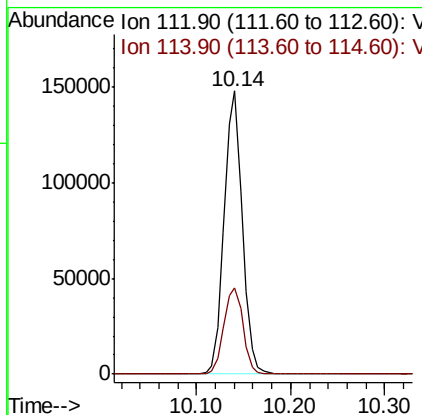
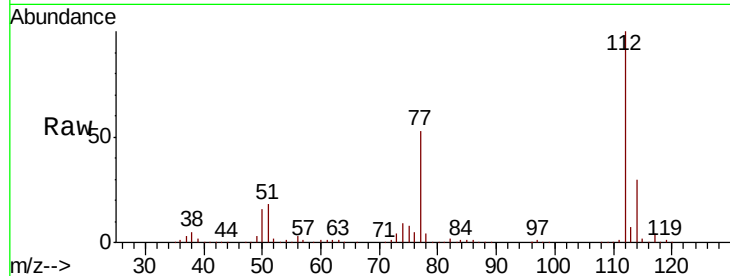
#65
Chlorobenzene
Concen: 18.64 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBS01

Tot Ion:112 Resp: 198180
Ion Ratio Lower Upper
112 100
114 30.5 23.6 35.4

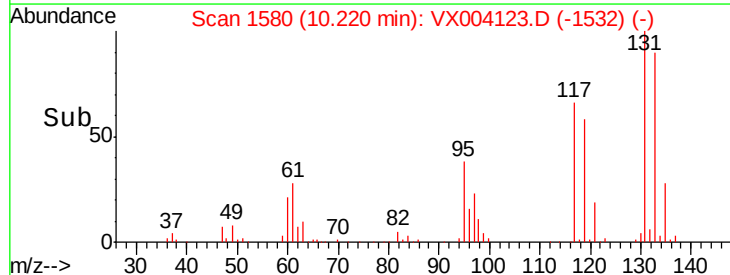
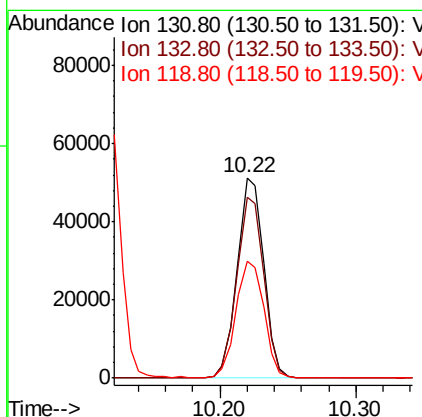
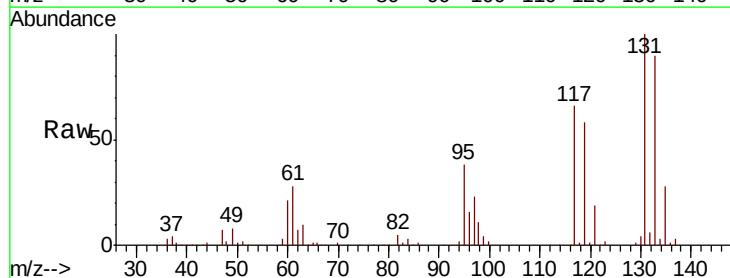
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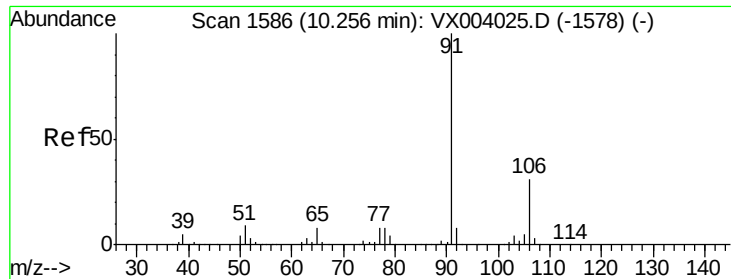
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.32 ug/l
RT: 10.22 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Tgt Ion:131 Resp: 70042
Ion Ratio Lower Upper
131 100
133 92.0 47.3 141.8
119 61.1 31.6 94.8





#67

Ethyl Benzene

Concen: 18.88 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

Instrument :

MSVOA_X

ClientSampled :

VX0817WBS01

Tot Ion: 91 Resp: 317761

Ion Ratio Lower Upper

91 100

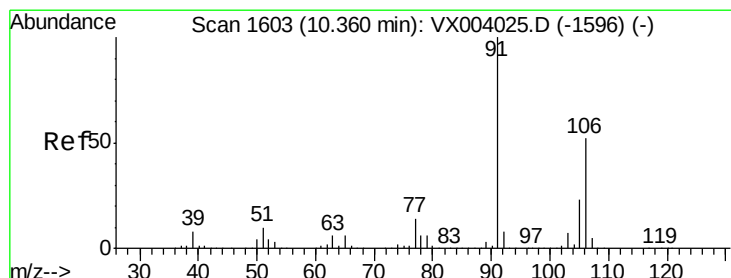
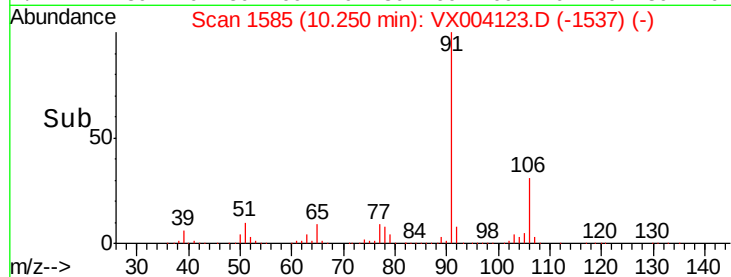
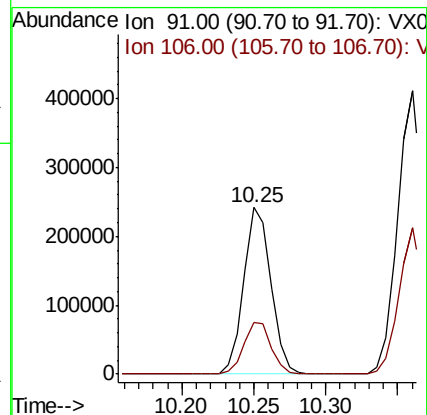
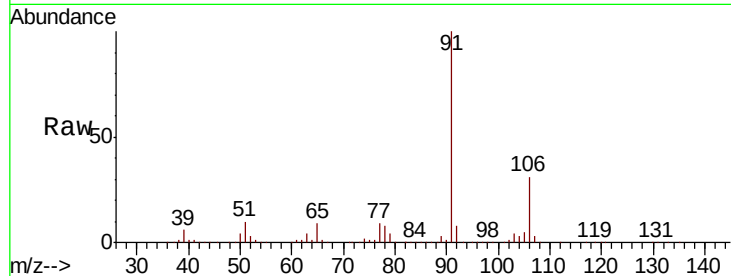
106 31.5 25.9 38.9

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#68

m/p-Xylenes

Concen: 40.11 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX004123.D

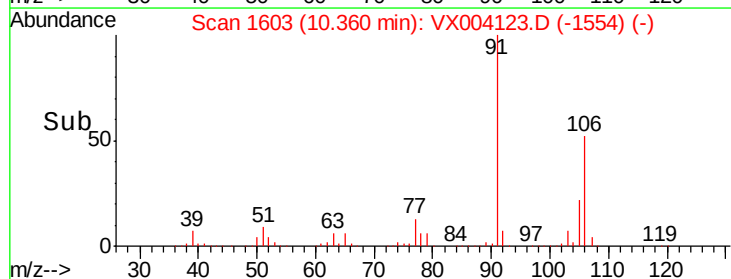
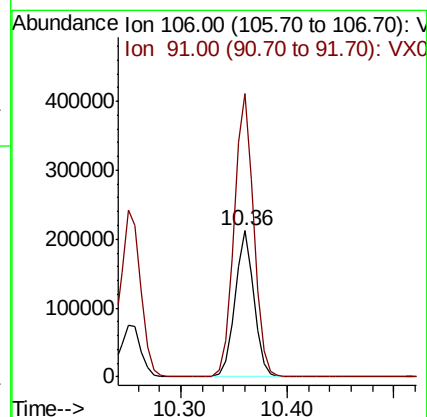
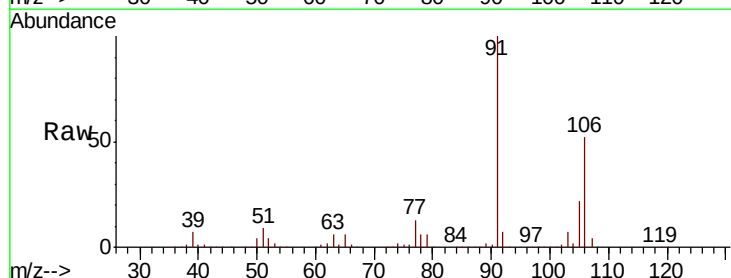
Acq: 17 Aug 2018 11:17

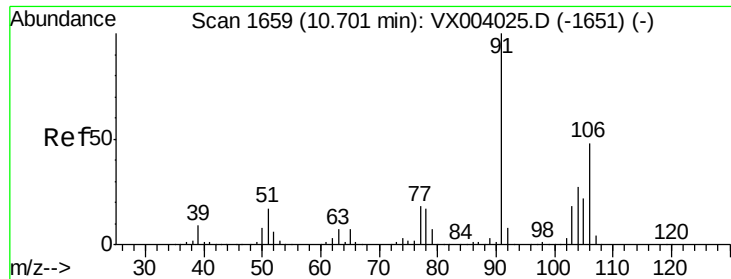
Tgt Ion: 106 Resp: 264355

Ion Ratio Lower Upper

106 100

91 201.0 162.3 243.5





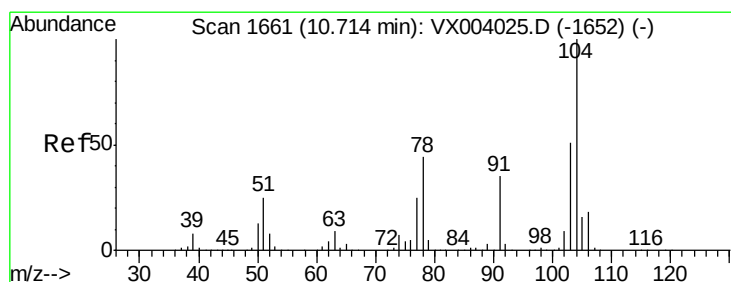
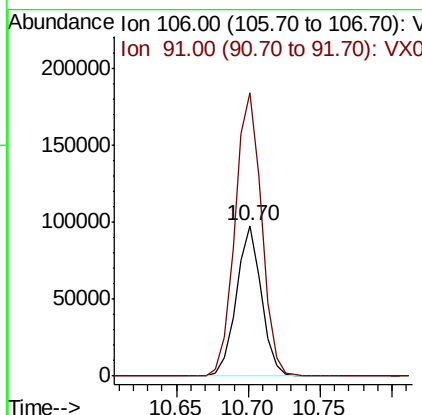
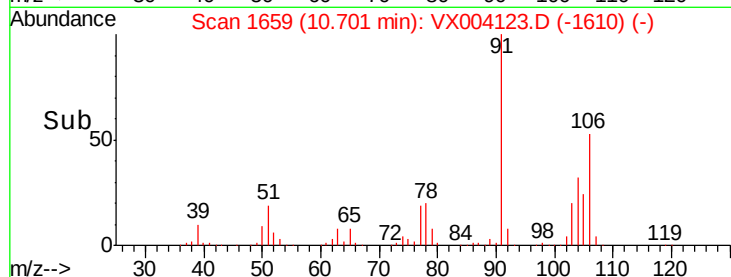
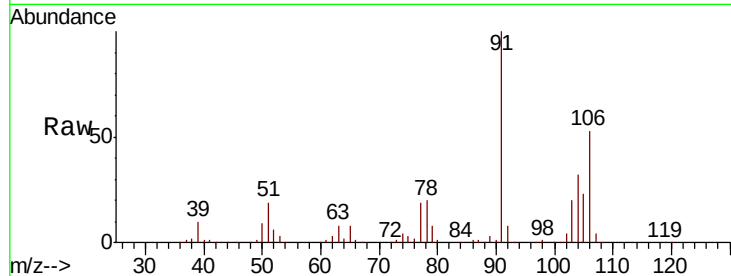
#69
o-Xylene
Concen: 18.86 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBS01

Tot Ion:106 Resp: 118835
Ion Ratio Lower Upper
106 100
91 200.1 101.9 305.7

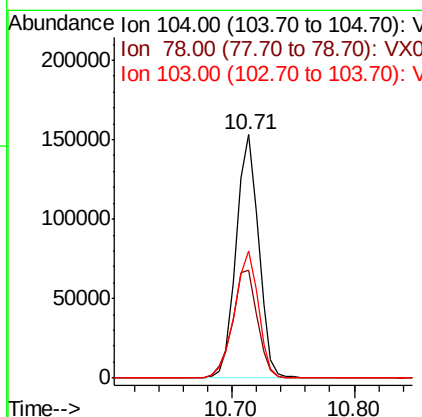
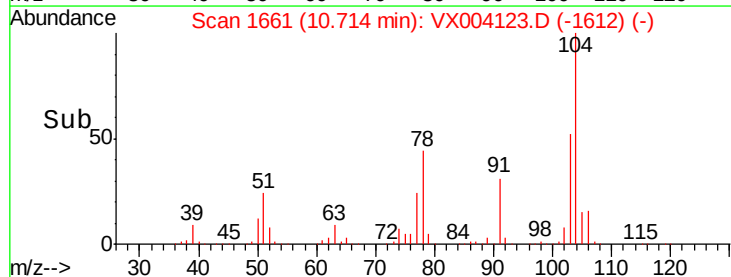
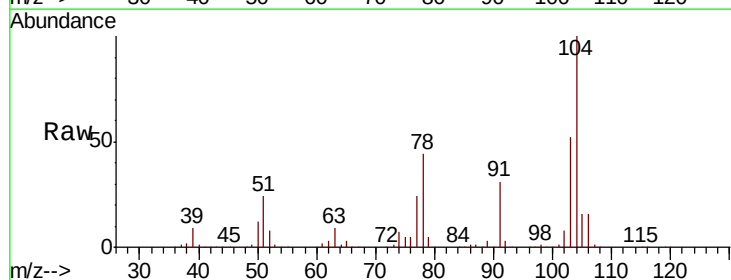
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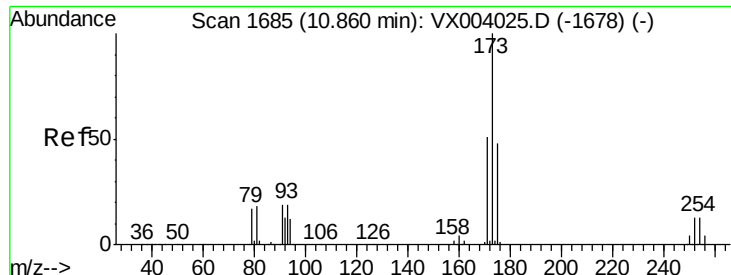
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#70
Styrene
Concen: 18.31 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Tgt Ion:104 Resp: 194092
Ion Ratio Lower Upper
104 100
78 49.6 39.8 59.6
103 55.4 44.3 66.5





#71

Bromoform

Concen: 17.09 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0817WBS01

Tot Ion:173 Resp: 49128

Ion Ratio Lower Upper

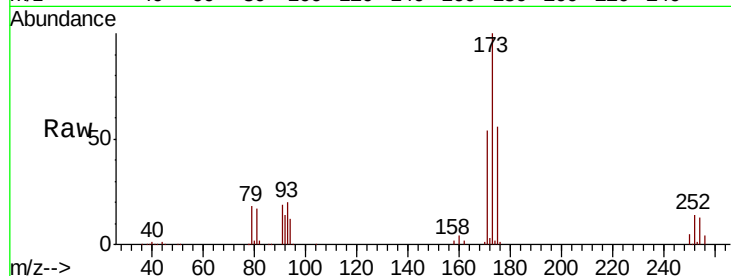
173 100

175 50.3 24.9 74.7

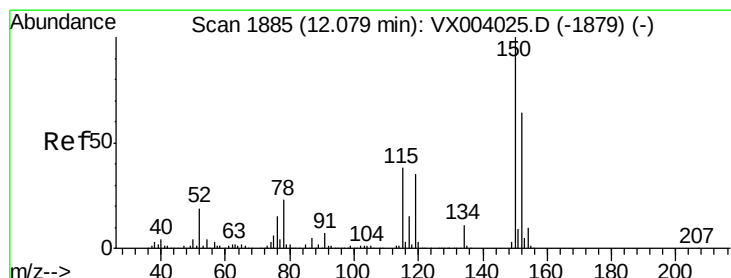
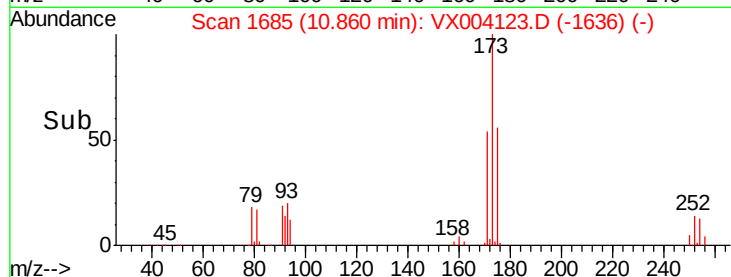
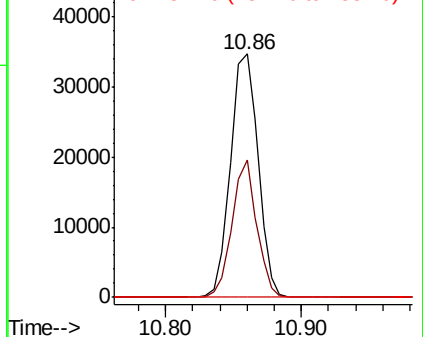
254 0.0 0.2 0.2#

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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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

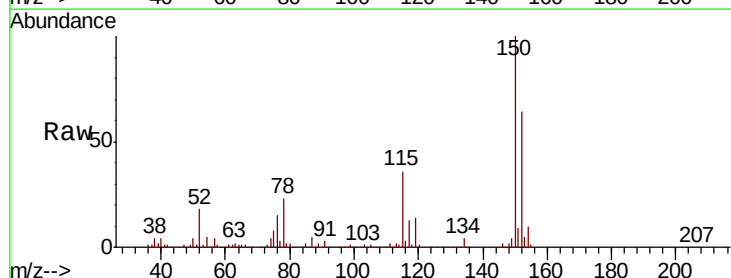
Tgt Ion:152 Resp: 223084

Ion Ratio Lower Upper

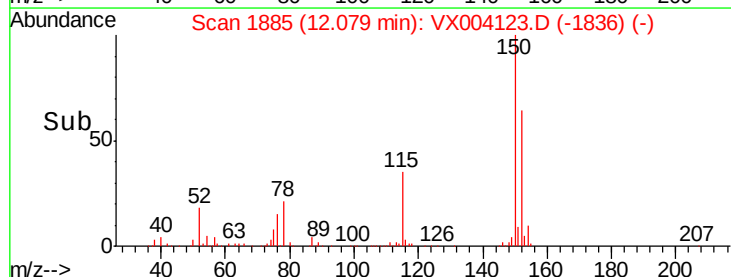
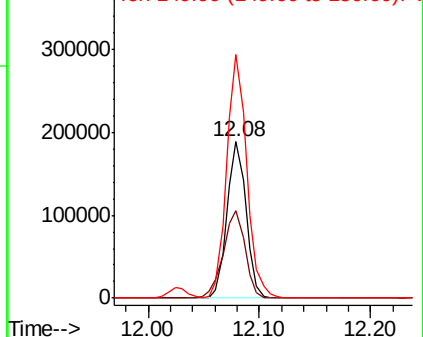
152 100

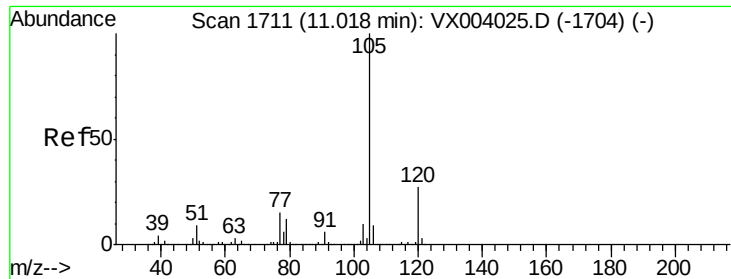
115 63.9 39.1 117.3

150 164.0 0.0 349.2



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





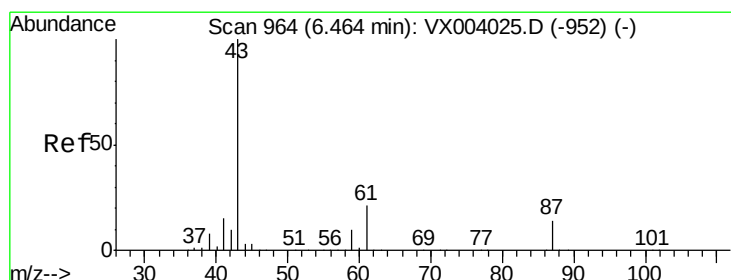
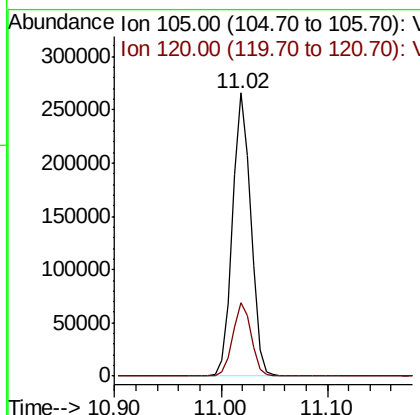
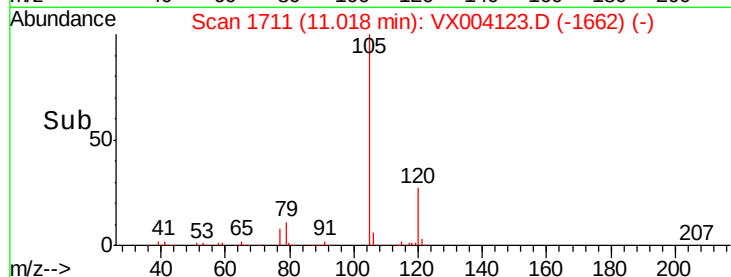
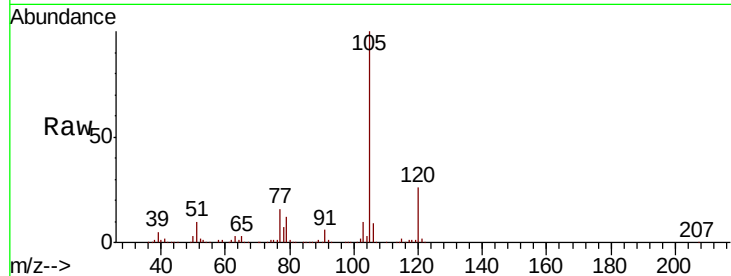
#73
Isopropylbenzene
Concen: 21.44 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.6	37.8

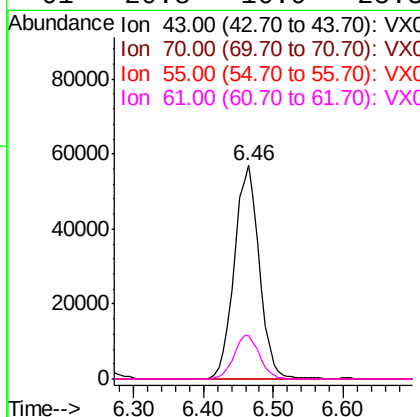
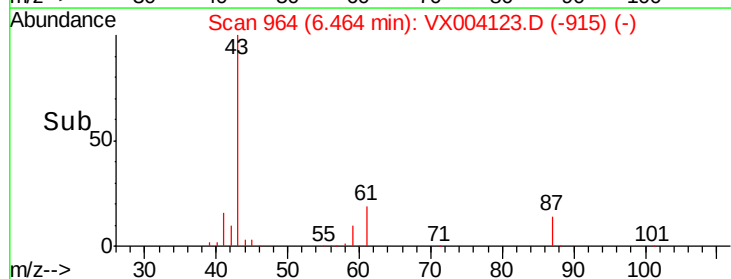
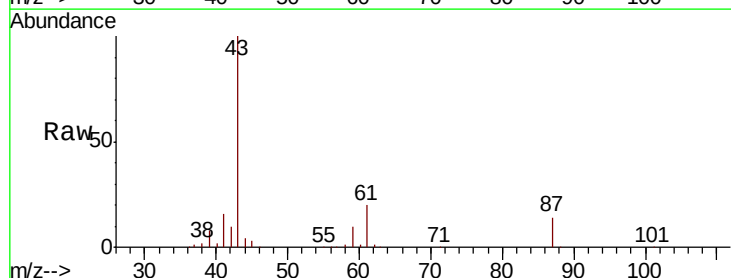
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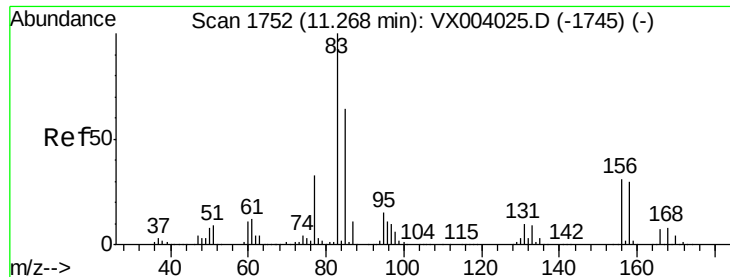
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#74
N-ethyl acetate
Concen: 19.80 ug/l
RT: 6.46 min Scan# 964
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.1	0.1	0.1#
61	20.8	16.9	25.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.41 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

Instrument :

MSVOA_X

ClientSampled :

VX0817WBS01

Tot Ion: 83 Resp: 107598

Ion Ratio Lower Upper

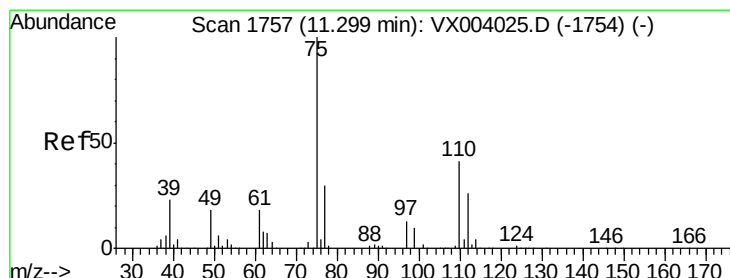
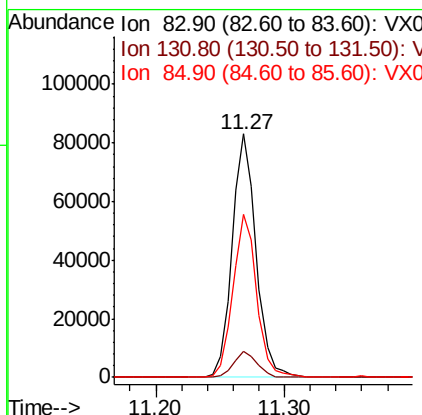
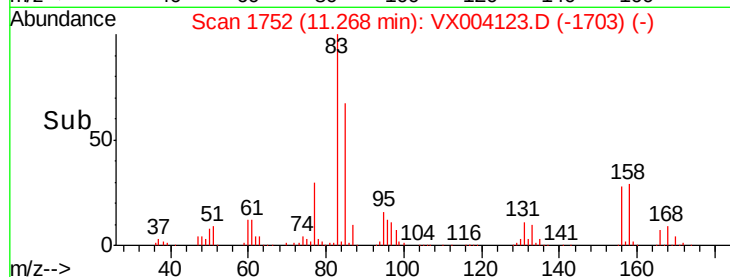
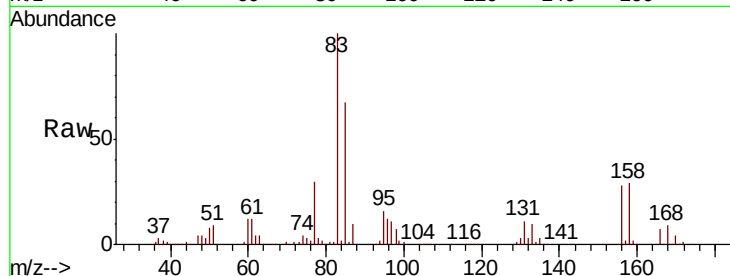
83 100

131 10.5 5.2 15.6

85 66.8 32.2 96.6

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#76

1,2,3-Trichloropropane

Concen: 21.33 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX004123.D

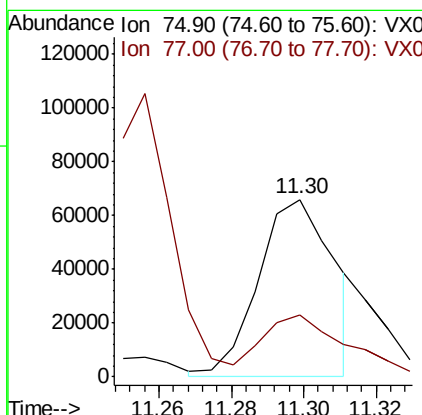
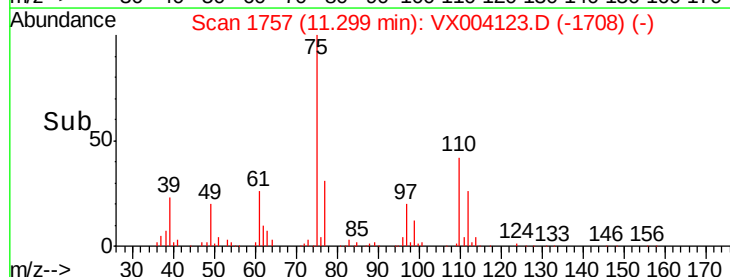
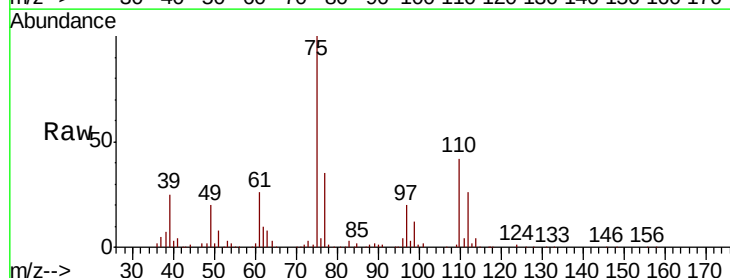
Acq: 17 Aug 2018 11:17

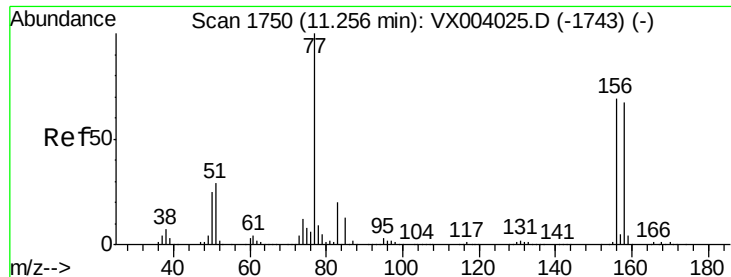
Tgt Ion: 75 Resp: 95438

Ion Ratio Lower Upper

75 100

77 39.5 20.8 62.5





#77

Bromobenzene

Concen: 21.24 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0817WBS01

Tot Ion:156 Resp: 88404

Ion Ratio Lower Upper

156 100

77 147.9 74.1 222.2

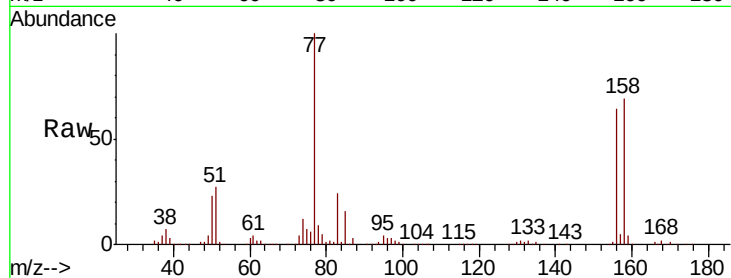
158 97.6 48.6 145.9

Manual Integrations

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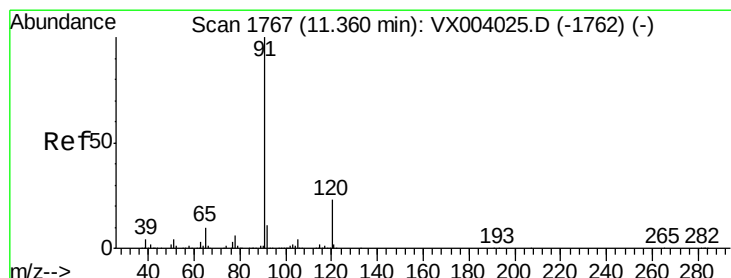
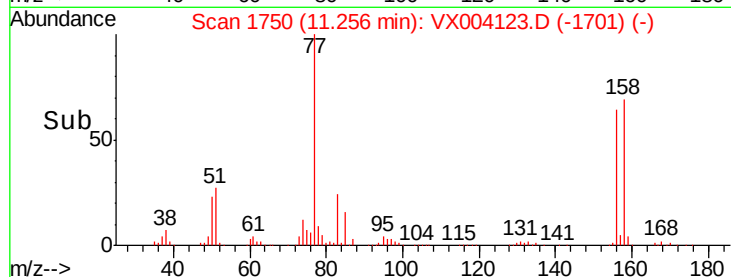
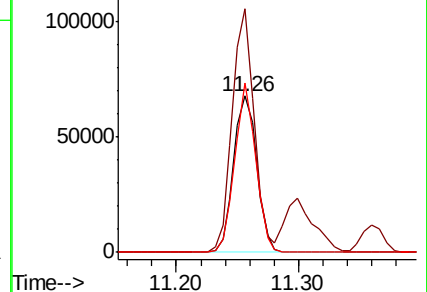
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.24 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004123.D

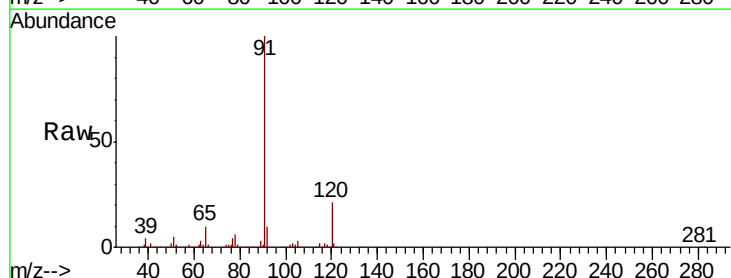
Acq: 17 Aug 2018 11:17

Tgt Ion: 91 Resp: 375752

Ion Ratio Lower Upper

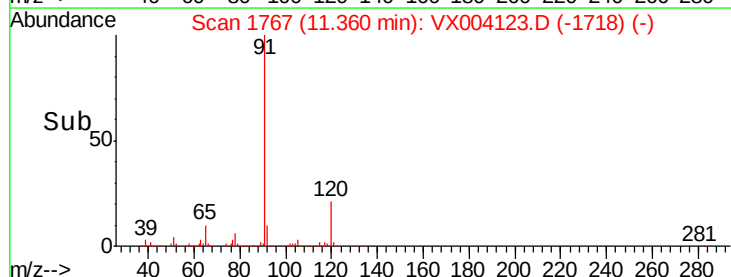
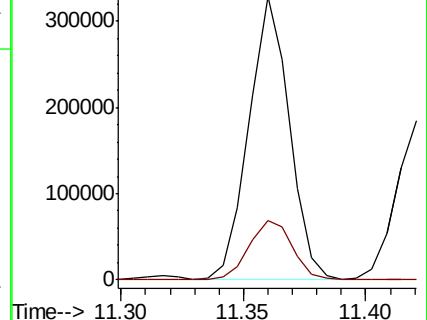
91 100

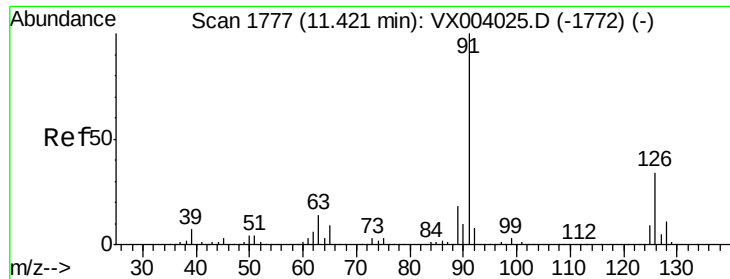
120 22.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.14 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

Instrument :

MSVOA_X

ClientSampled :

VX0817WBS01

Tot Ion: 91 Resp: 217659

Ion Ratio Lower Upper

91 100

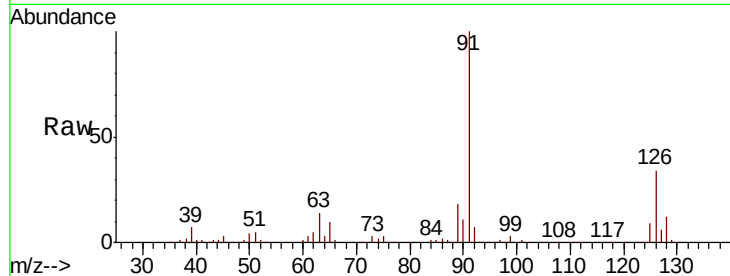
126 34.8 17.4 52.3

Manual Integrations

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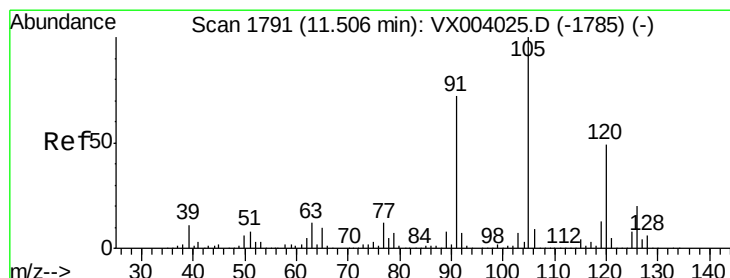
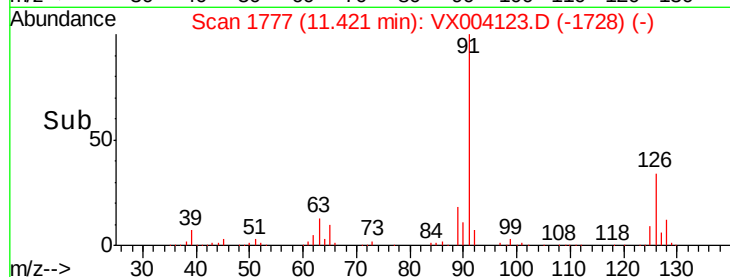
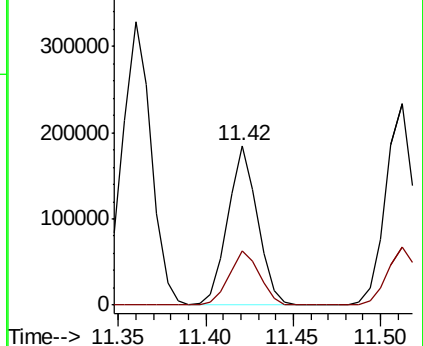
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.49 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX004123.D

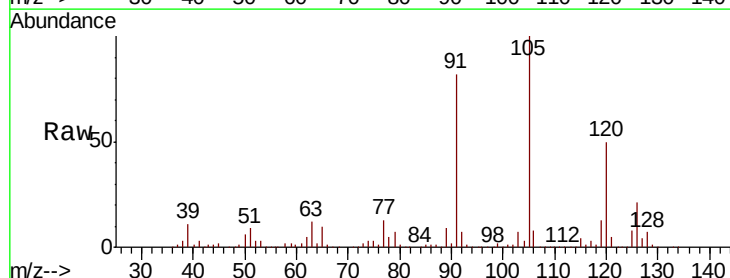
Acq: 17 Aug 2018 11:17

Tgt Ion:105 Resp: 265656

Ion Ratio Lower Upper

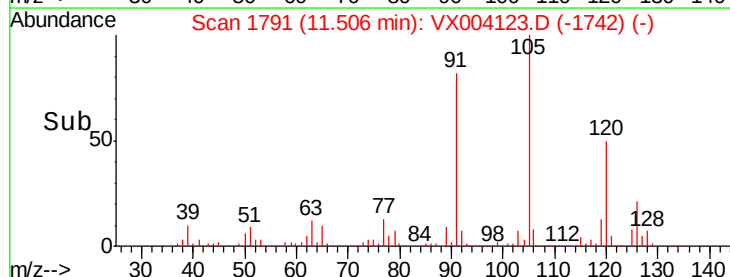
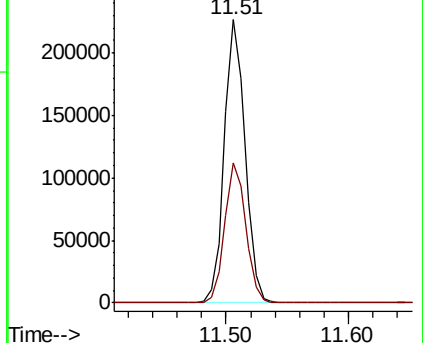
105 100

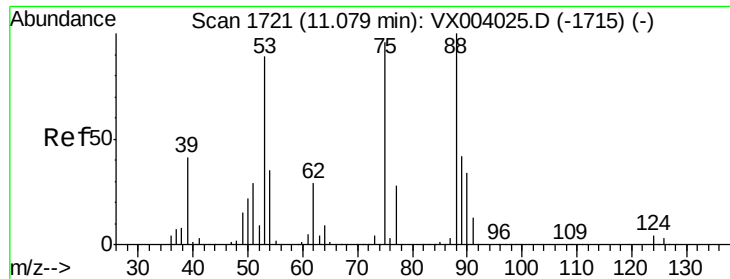
120 50.3 25.4 76.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





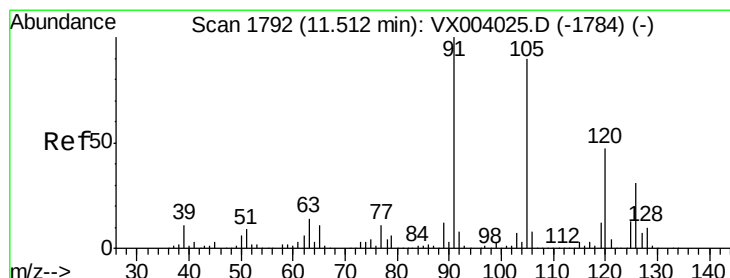
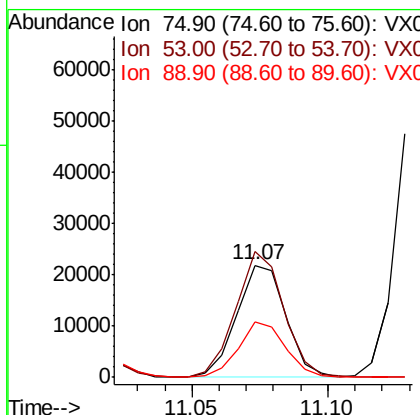
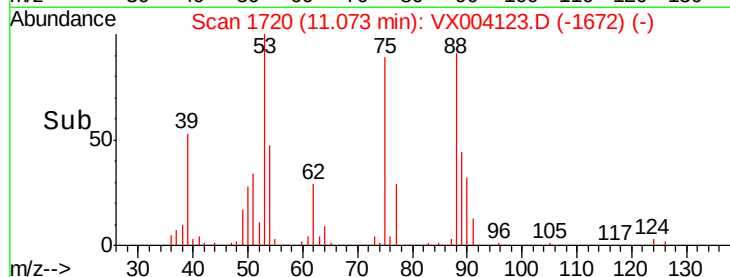
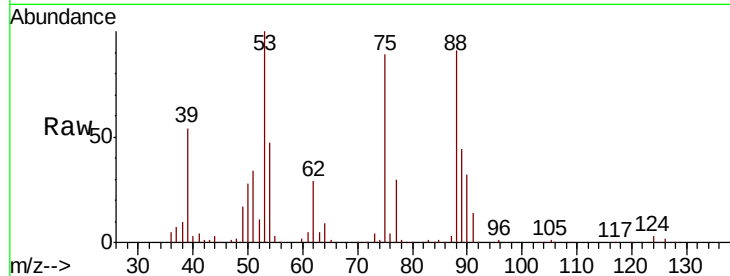
#81
trans-1,4-Dichloro-2-butene
Concen: 18.78 ug/l
RT: 11.07 min Scan# 1720
Delta R.T. -0.01 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.2	80.3	120.5
89	47.7	37.8	56.8

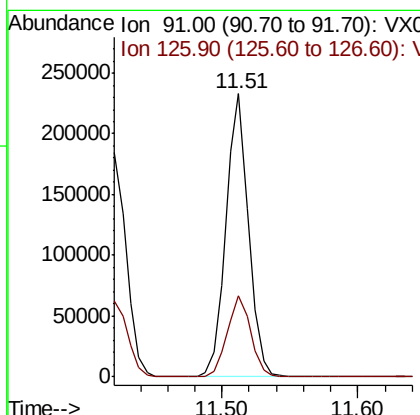
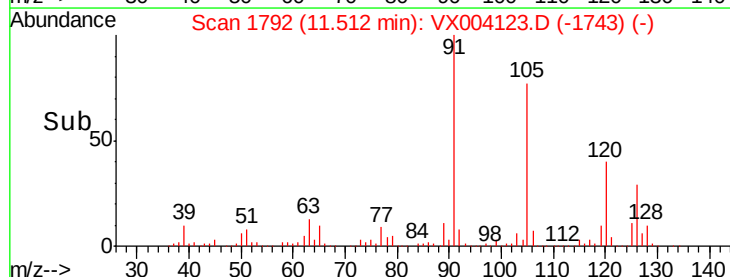
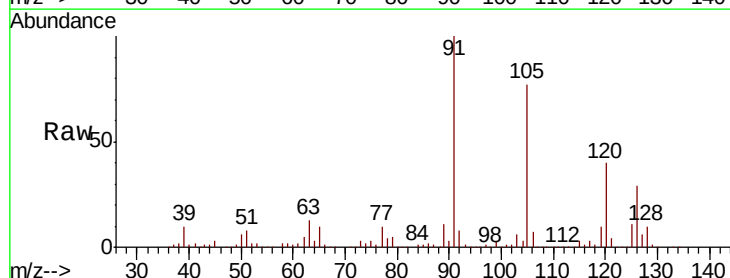
Manual Integrations
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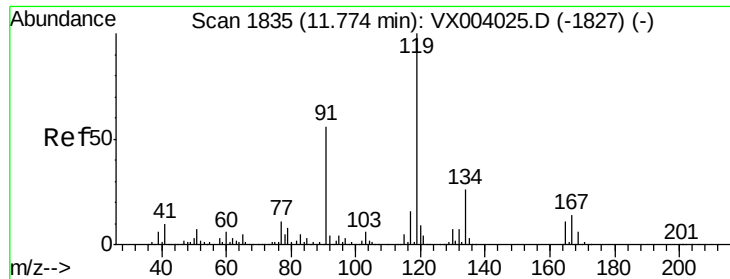
MMDadoda
8/20/2018 10:04:09 AM



#82
4-Chlorotoluene
Concen: 21.88 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	15.6	46.7





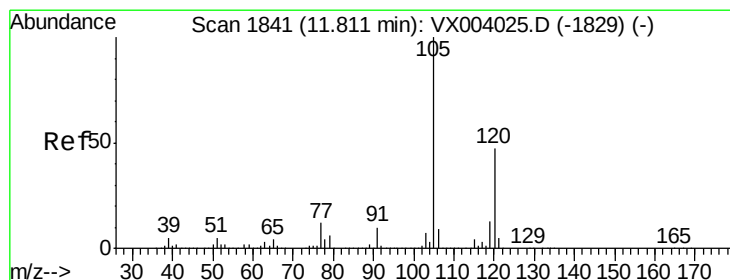
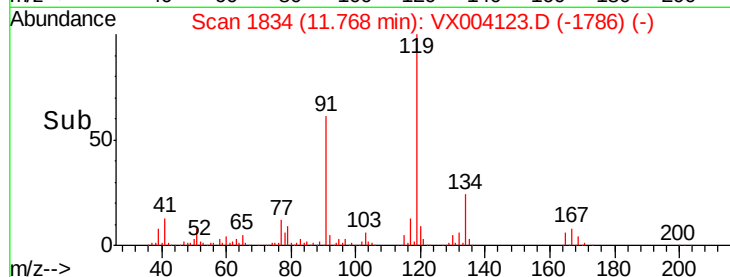
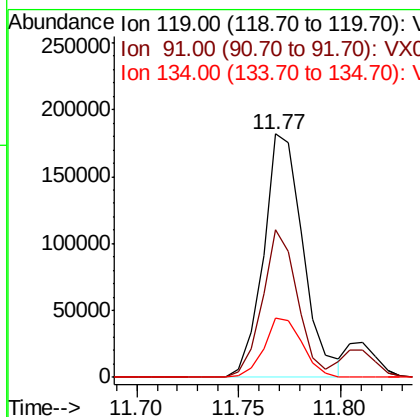
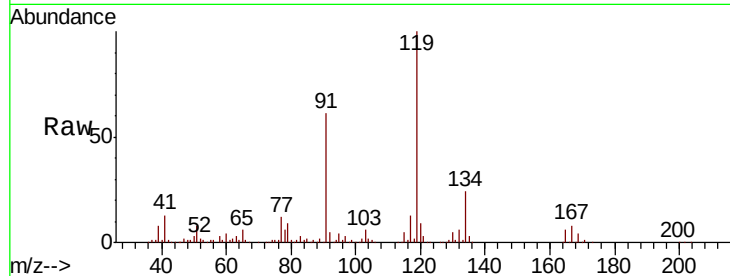
#83
 tert-Butylbenzene
 Concen: 19.73 ug/l
 RT: 11.77 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: VX004123.D
 Acq: 17 Aug 2018 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	245859		
91	53.7	26.9	80.7	
134	23.7	12.0	36.0	

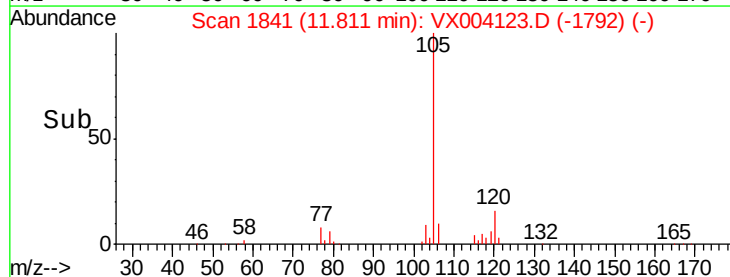
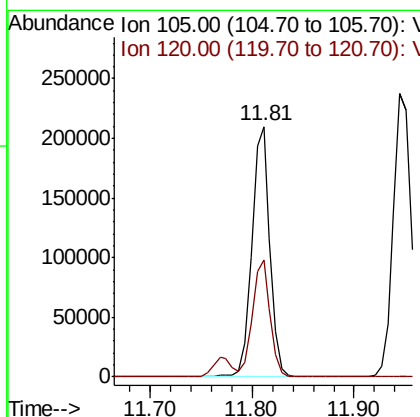
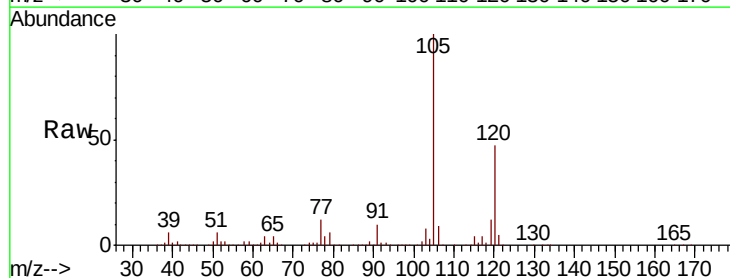
Manual Integrations
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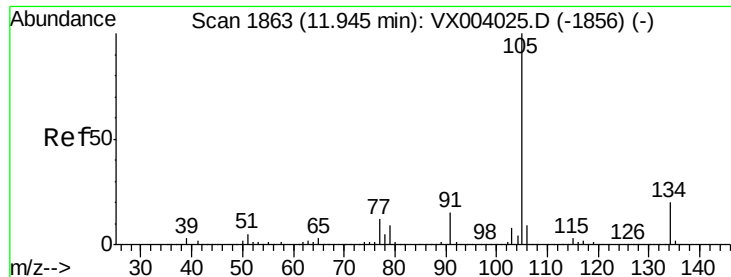
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.22 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX004123.D
 Acq: 17 Aug 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	258852		
120	45.7	23.1	69.2	





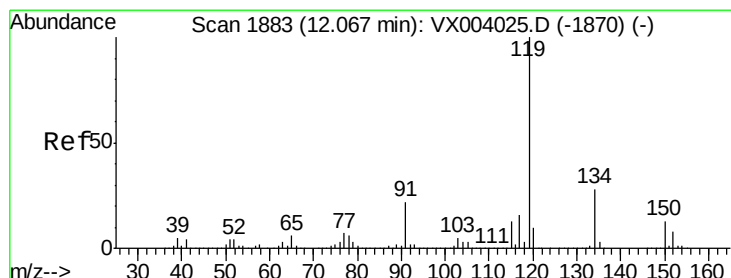
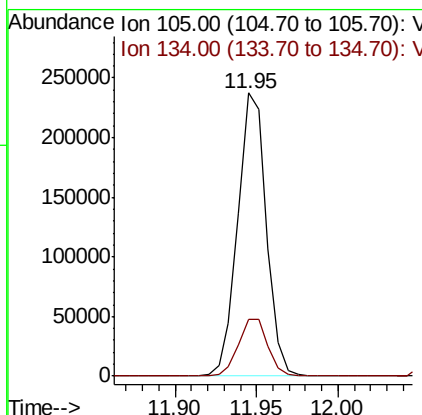
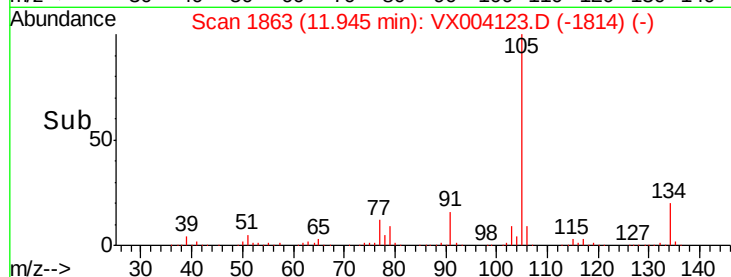
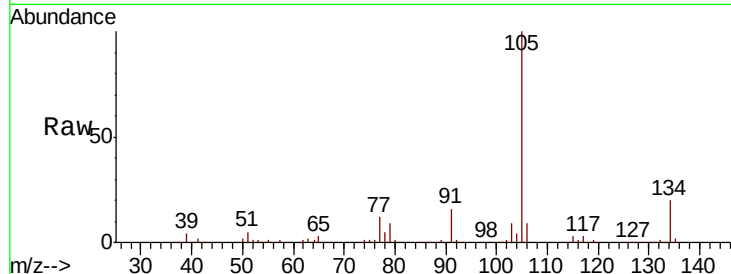
#85
 sec-Butylbenzene
 Concen: 19.91 ug/l
 RT: 11.95 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: VX004123.D
 Acq: 17 Aug 2018 11:17

Instrument :
 MSVOA_X
 ClientSampled :
 VX0817WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	290419		
134	20.8	10.3	30.9	

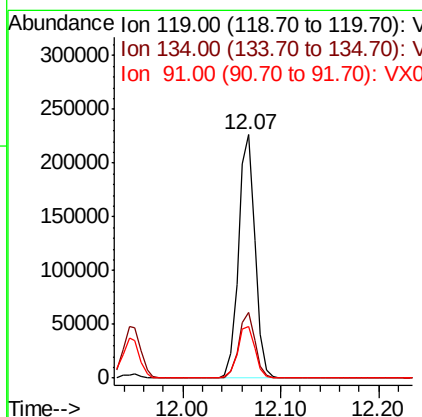
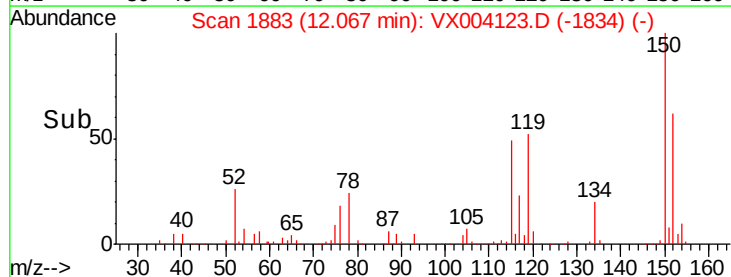
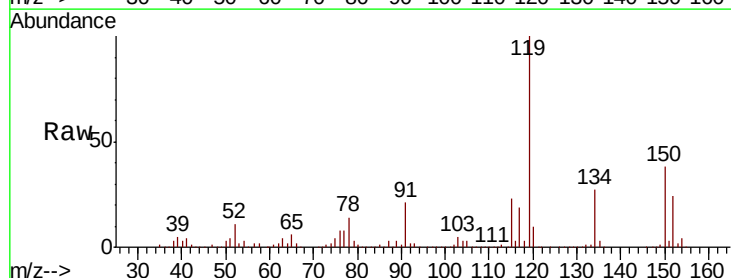
Manual Integrations
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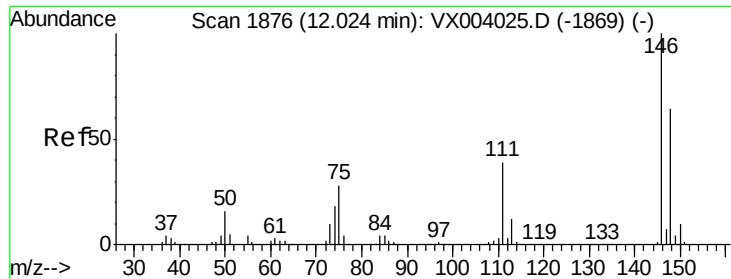
MMDadoda
 8/20/2018 10:04:09 AM



#86
 p-Isopropyltoluene
 Concen: 19.98 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX004123.D
 Acq: 17 Aug 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	263874		
134	26.7	13.3	39.8	
91	22.4	10.9	32.7	





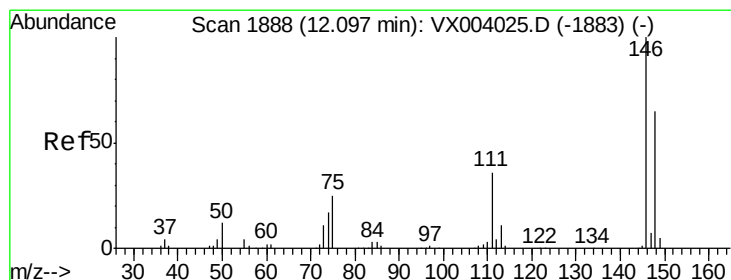
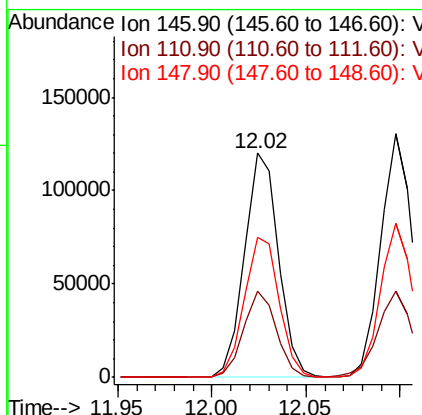
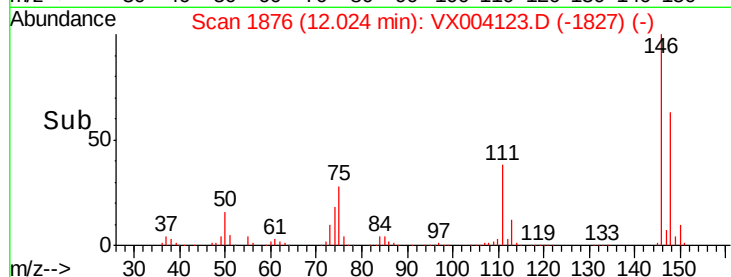
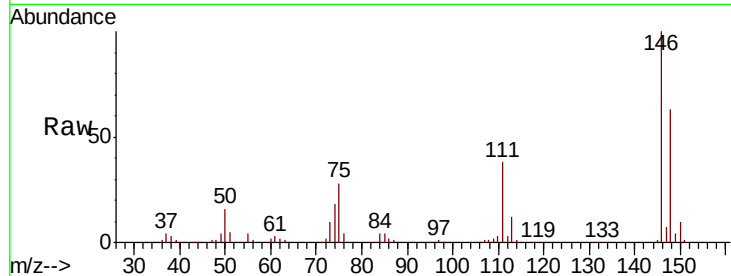
#87
 1,3-Dichlorobenzene
 Concen: 18.94 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. 0.00 min
 Lab File: VX004123.D
 Acq: 17 Aug 2018 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.8	56.4
148	64.3	31.9	95.5

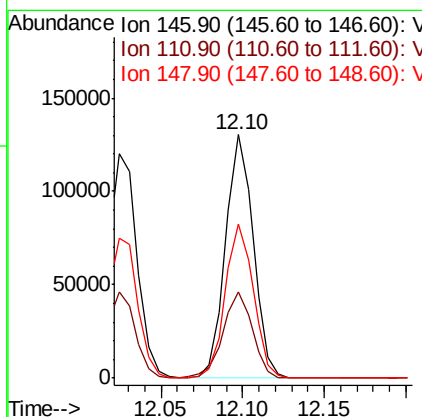
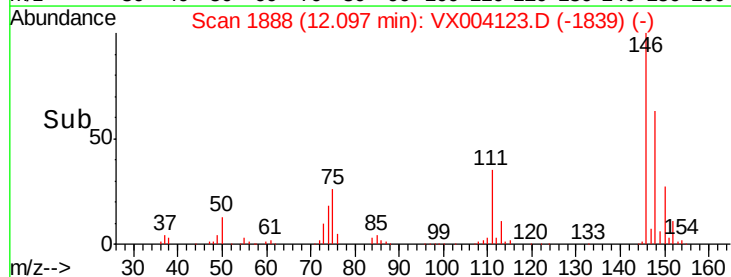
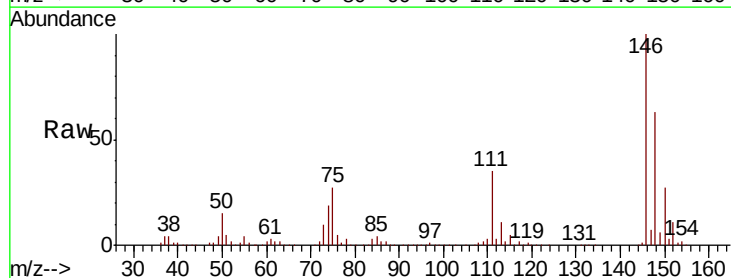
Manual Integrations
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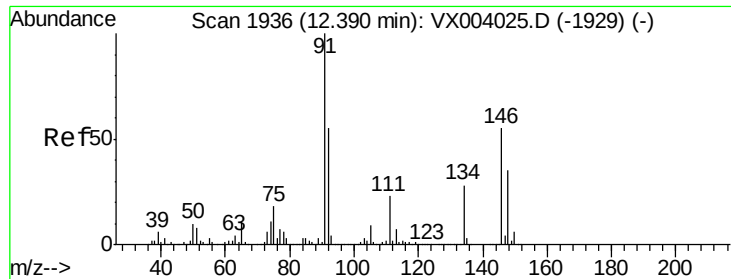
MMDadoda
 8/20/2018 10:04:09 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.92 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX004123.D
 Acq: 17 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.0
148	64.1	32.3	96.8





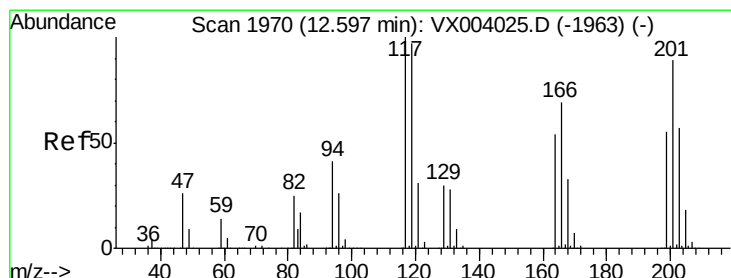
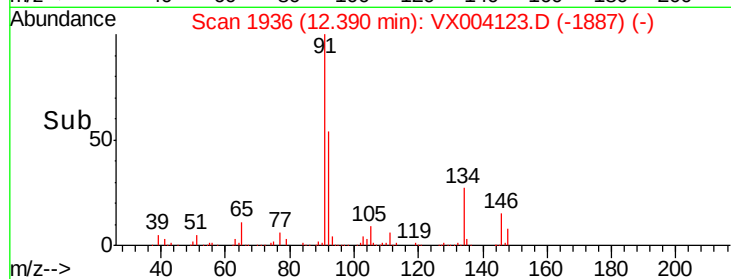
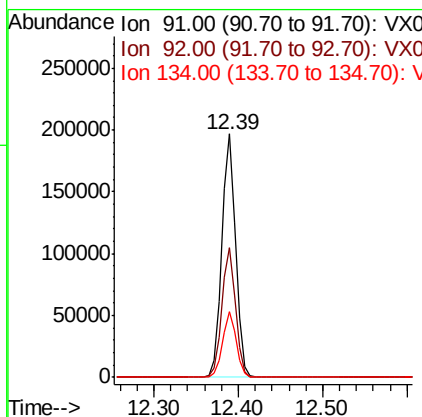
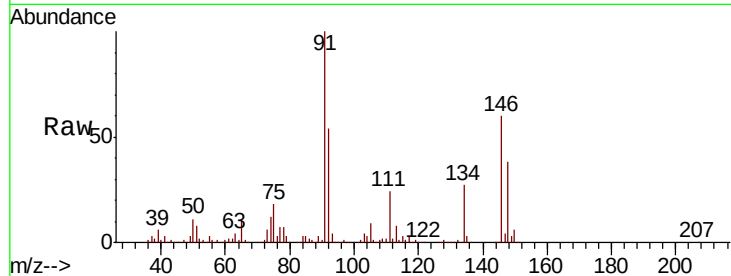
#89
n-Butylbenzene
Concen: 21.60 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	27.1	81.3
134	26.5	13.6	40.7

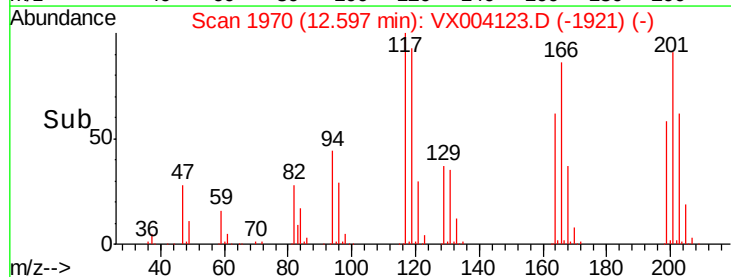
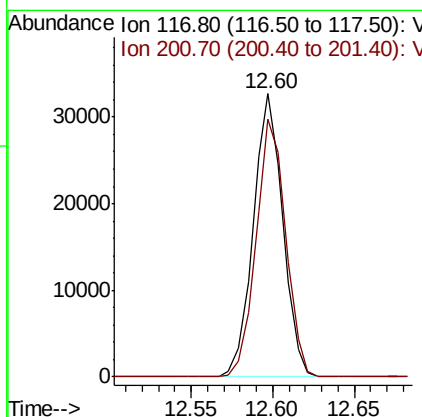
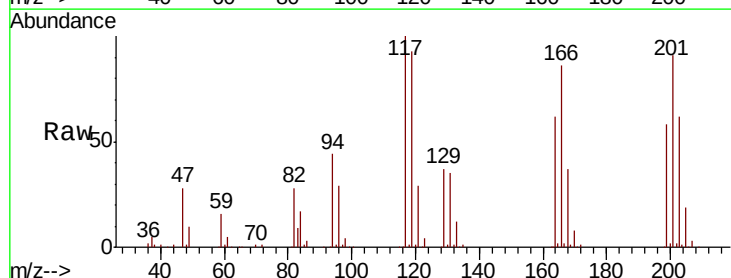
Manual Integrations
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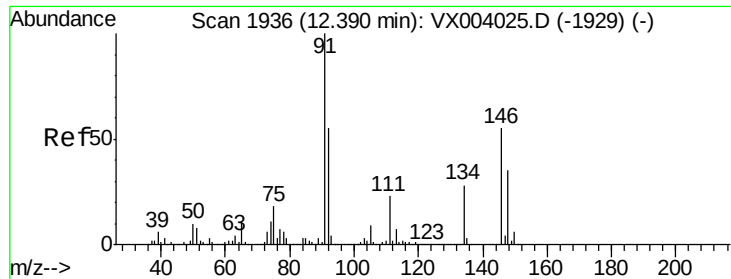
MMDadoda
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#90
Hexachloroethane
Concen: 20.80 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.4	46.1	138.2





#91

1,2-Dichlorobenzene

Concen: 21.06 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

Instrument :

MSVOA_X

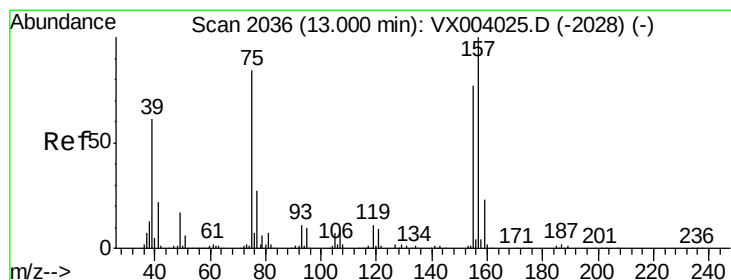
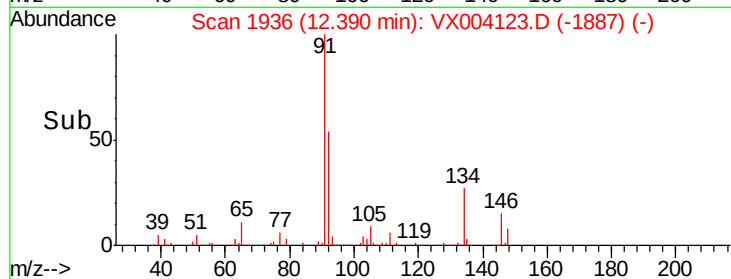
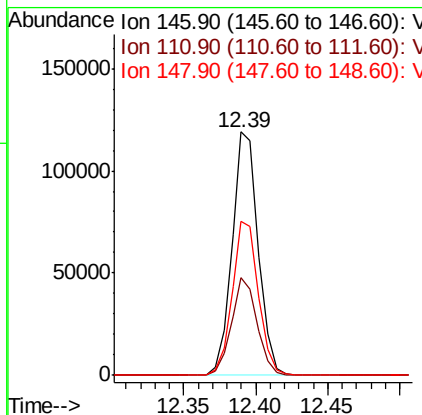
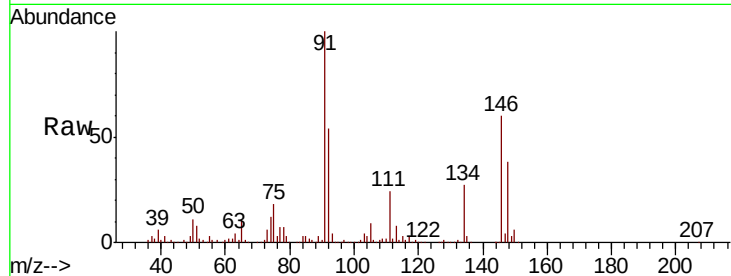
ClientSampleId :

VX0817WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.0
148	63.7	31.9	95.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 22.01 ug/l

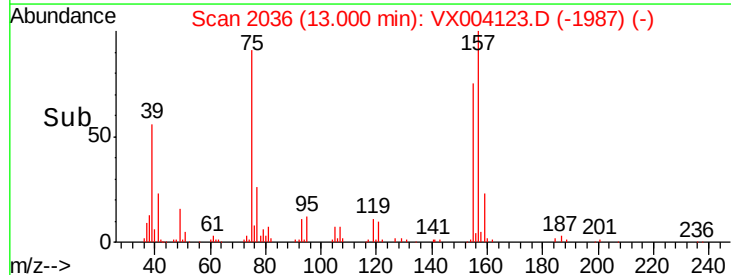
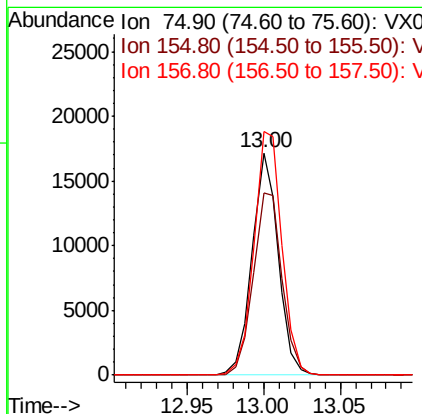
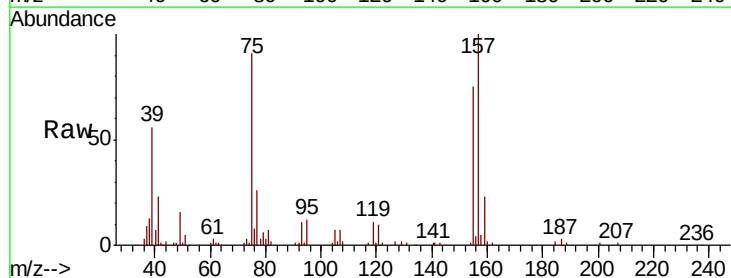
RT: 13.00 min Scan# 2036

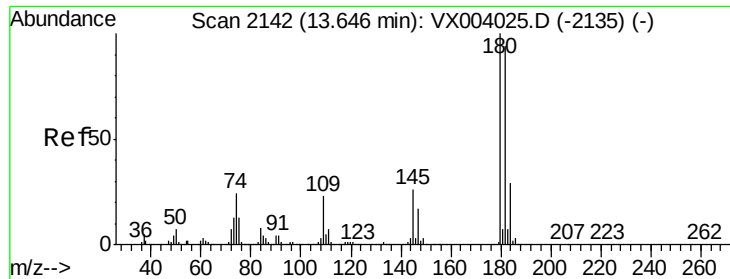
Delta R.T. 0.00 min

Lab File: VX004123.D

Acq: 17 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.4	48.7	146.1
157	117.3	62.6	187.8





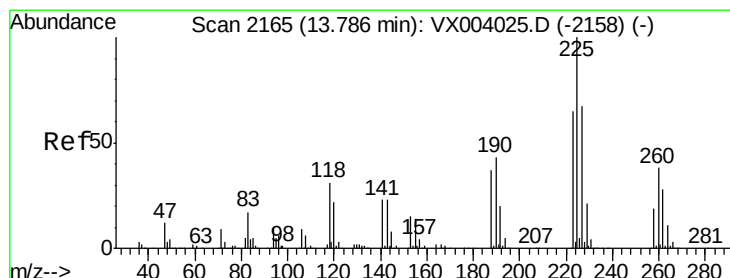
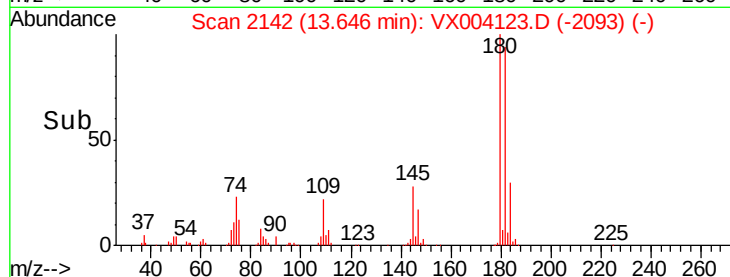
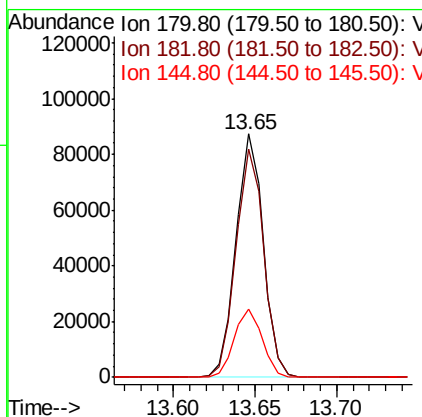
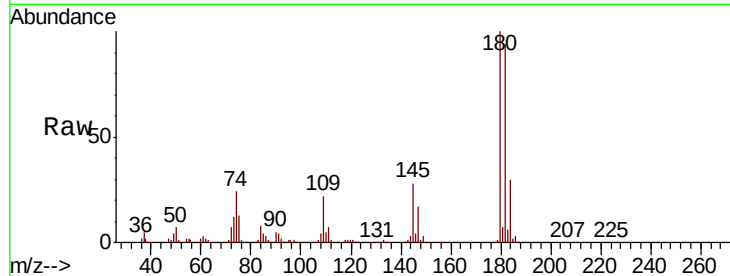
#93
 1,2,4-Trichlorobenzene
 Concen: 20.83 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX004123.D
 Acq: 17 Aug 2018 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	101912		
182	95.3	47.7	143.1	
145	28.6	13.9	41.6	

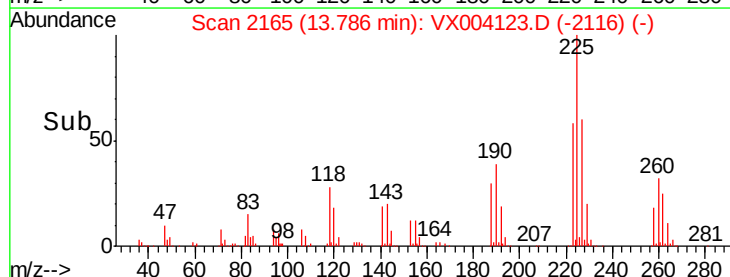
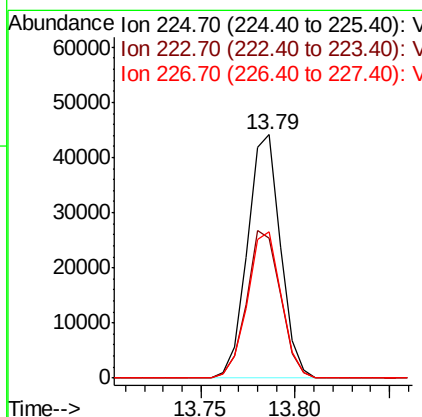
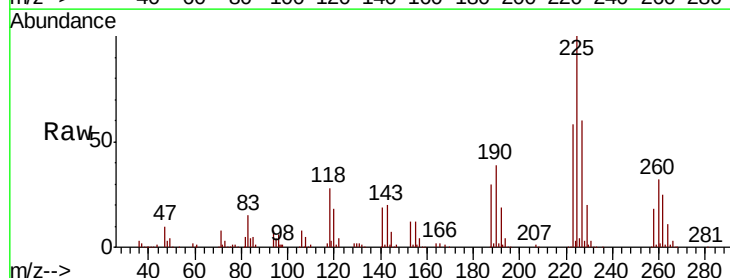
Manual Integrations
 APPROVED

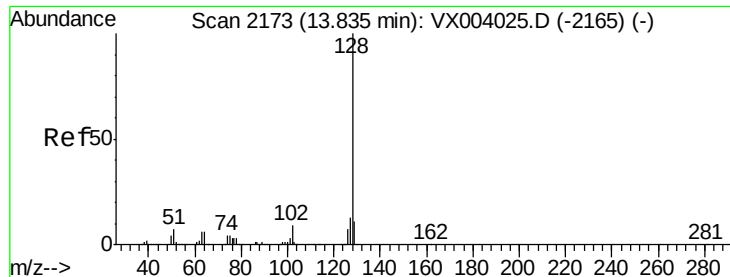
MMDadoda
 8/20/2018 10:04:09 AM



#94
 Hexachlorobutadiene
 Concen: 21.88 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX004123.D
 Acq: 17 Aug 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	53661		
223	62.1	31.4	94.0	
227	61.7	32.1	96.5	





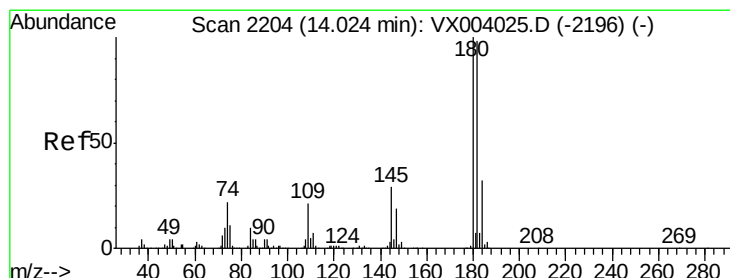
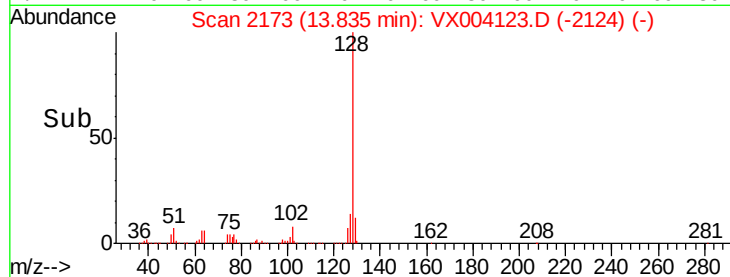
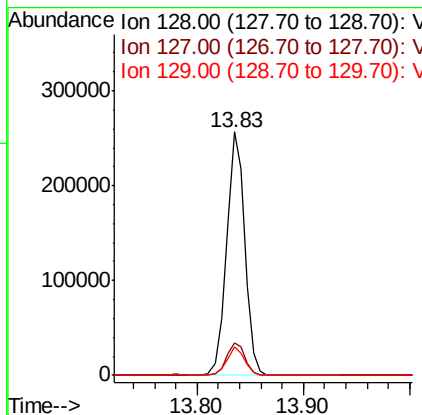
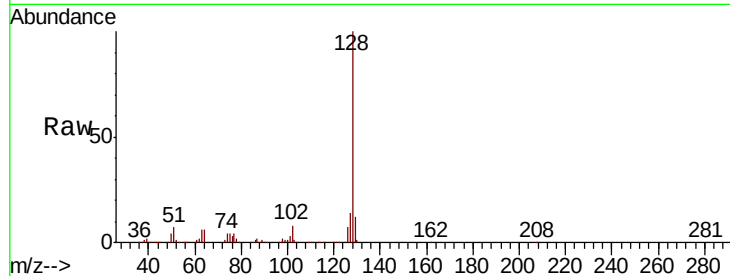
#95
Naphthalene
Concen: 20.38 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
127	13.7	10.2	15.2	
129	11.3	8.8	13.2	

Manual Integrations
APPROVED

MMDadoda
8/20/2018 10:04:09 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.38 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX004123.D
Acq: 17 Aug 2018 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	99.4	48.1	144.4	
145	29.6	14.9	44.7	

