

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081718\
 Data File : VX004125.D
 Acq On : 17 Aug 2018 12:10
 Operator : JC/MD
 Sample : VX0817WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/20/2018 10:04:13 AM

Quant Time: Aug 18 03:02:02 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	286083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	430083	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	370340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	253878	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	207504	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
35) Dibromofluoromethane	5.51	113	168364	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
50) Toluene-d8	8.71	98	669569	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	11.14	95	218782	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	55848	20.05	ug/l	100
3) Chloromethane	1.32	50	82000	23.99	ug/l	99
4) Vinyl Chloride	1.40	62	70473	19.06	ug/l	98
5) Bromomethane	1.64	94	37902	20.12	ug/l	96
6) Chloroethane	1.73	64	50445	19.66	ug/l	93
7) Trichlorofluoromethane	1.93	101	101016	19.47	ug/l	98
8) Diethyl Ether	2.18	74	44967	19.86	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63150	19.52	ug/l	99
10) Methyl Iodide	2.51	142	49869	17.99	ug/l	100
11) Tert butyl alcohol	3.04	59	80535	99.22	ug/l	99
12) 1,1-Dichloroethene	2.38	96	56842	18.89	ug/l	99
13) Acrolein	2.29	56	33586	69.27	ug/l	98
14) Allyl chloride	2.73	41	108781	19.00	ug/l	97
15) Acrylonitrile	3.14	53	196703	97.20	ug/l	98
16) Acetone	2.43	43	211172	100.77	ug/l	99
17) Carbon Disulfide	2.57	76	155022	18.16	ug/l	100
18) Methyl Acetate	2.77	43	96890	20.80	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	207034	19.53	ug/l	99
20) Methylene Chloride	2.86	84	69904	20.04	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	64730	18.94	ug/l	98
22) Diisopropyl ether	3.86	45	216695	19.31	ug/l	# 89
23) Vinyl Acetate	3.82	43	904937	98.19	ug/l	100
24) 1,1-Dichloroethane	3.70	63	123628	19.45	ug/l	100
25) 2-Butanone	4.69	43	364061	106.77	ug/l	99
26) 2,2-Dichloropropane	4.59	77	95583	18.92	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	78477	20.42	ug/l	100
28) Bromochloromethane	5.02	49	58157	19.94	ug/l	98
29) Tetrahydrofuran	5.15	42	166433	95.53	ug/l	99
30) Chloroform	5.21	83	126546	20.40	ug/l	99
31) Cyclohexane	5.58	56	100158	17.98	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	104821	20.22	ug/l	99
36) 1,1-Dichloropropene	5.80	75	90416	18.47	ug/l	99
37) Ethyl Acetate	4.85	43	110473	20.73	ug/l	100
38) Carbon Tetrachloride	5.78	117	91347	19.21	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0817WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/20/2018 10:04:13 AM

Quant Time: Aug 18 03:02:02 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	100768	18.15	ug/l	99
40) Benzene	6.15	78	289172	19.68	ug/l	99
41) Methacrylonitrile	5.06	41	55444	18.58	ug/l	98
42) 1,2-Dichloroethane	6.20	62	101360	19.70	ug/l	100
43) Isopropyl Acetate	6.46	43	145004	18.46	ug/l	100
44) Trichloroethene	7.21	130	76574	19.19	ug/l	97
45) 1,2-Dichloropropane	7.52	63	72188	19.19	ug/l	99
46) Dibromomethane	7.67	93	48526	19.74	ug/l	98
47) Bromodichloromethane	7.90	83	91758	19.71	ug/l	99
48) Methyl methacrylate	7.78	41	75537	19.10	ug/l	98
49) 1,4-Dioxane	7.76	88	34964	392.71	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	652844	101.35	ug/l	99
52) Toluene	8.79	92	186255	20.04	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	94366	18.76	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	107026	19.21	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	76070	19.82	ug/l	99
56) Ethyl methacrylate	9.18	69	97545	18.69	ug/l	99
57) 1,3-Dichloropropane	9.37	76	126697	19.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	261069	98.23	ug/l	100
59) 2-Hexanone	9.50	43	491105	101.31	ug/l	98
60) Dibromochloromethane	9.59	129	71021	19.23	ug/l	100
61) 1,2-Dibromoethane	9.67	107	77895	19.91	ug/l	99
64) Tetrachloroethene	9.34	164	71872	20.48	ug/l	97
65) Chlorobenzene	10.14	112	191883	20.06	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.23	131	65658	20.12	ug/l	98
67) Ethyl Benzene	10.25	91	318044	21.00	ug/l	92
68) m/p-Xylenes	10.36	106	239466	40.37	ug/l	99
69) o-Xylene	10.70	106	110222	19.44	ug/l	95
70) Styrene	10.71	104	184470	19.33	ug/l	100
71) Bromoform	10.86	173	49529	19.14	ug/l #	97
73) Isopropylbenzene	11.02	105	327598	19.07	ug/l	99
74) N-amyl acetate	6.46	43	145004	17.94	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	106779	17.80	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	101813m	20.00	ug/l	
77) Bromobenzene	11.26	156	88737	18.74	ug/l	99
78) n-propylbenzene	11.36	91	370251	19.26	ug/l	98
79) 2-Chlorotoluene	11.42	91	225319	19.23	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	279564	19.87	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.07	75	26473	16.10	ug/l	91
82) 4-Chlorotoluene	11.51	91	267093	19.28	ug/l	99
83) tert-Butylbenzene	11.77	119	273063	19.25	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	291237	19.99	ug/l	99
85) sec-Butylbenzene	11.94	105	321350	19.36	ug/l	100
86) p-Isopropyltoluene	12.07	119	291314	19.38	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	169940	18.81	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	170200	18.31	ug/l	98
89) n-Butylbenzene	12.39	91	217403	18.36	ug/l	99
90) Hexachloroethane	12.60	117	38778	17.24	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	152037	18.66	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19189	18.20	ug/l	97

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Sample : VX0817WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBSD01

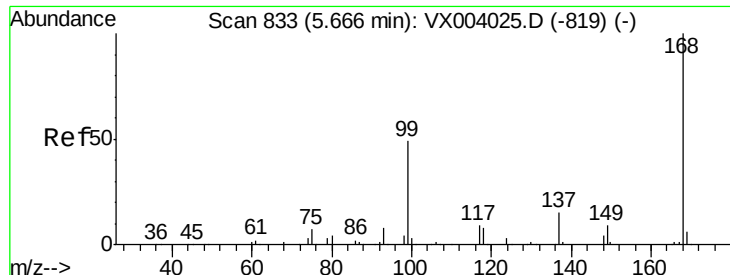
Manual Integrations
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8/20/2018 10:04:13 AM

Quant Time: Aug 18 03:02:02 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)
93) 1,2,4-Trichlorobenzene	13.65	180	95920	17.23	ug/l	100
94) Hexachlorobutadiene	13.79	225	44769	16.04	ug/l	99
95) Naphthalene	13.83	128	285999	16.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	101526	16.72	ug/l	99

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



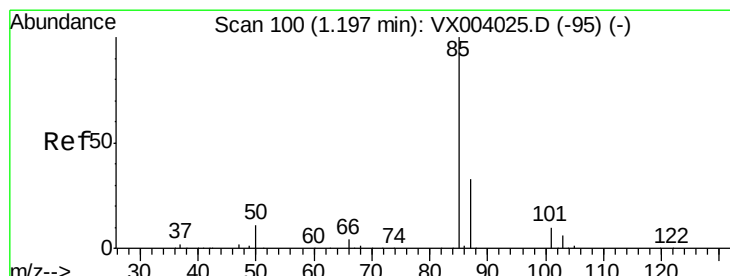
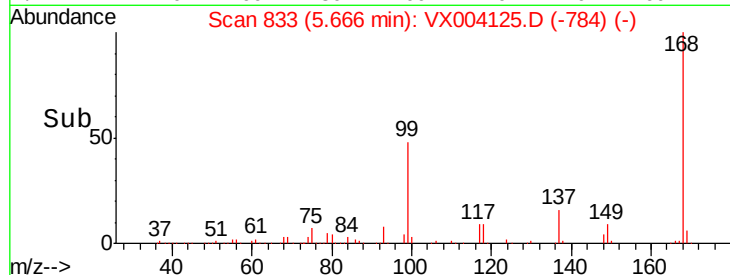
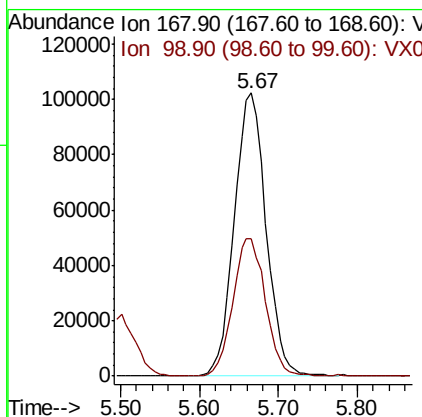
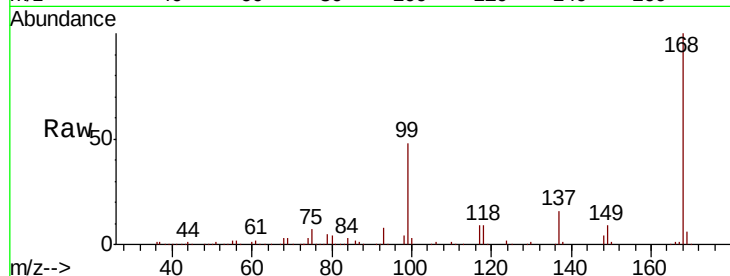
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
168	100		286083		
99	48.3	40.1	60.1		

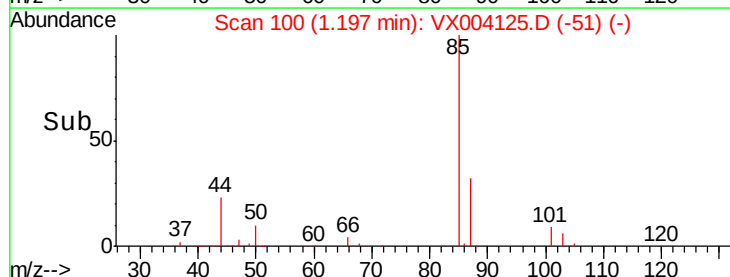
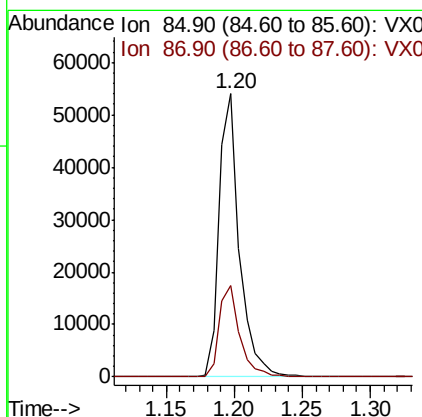
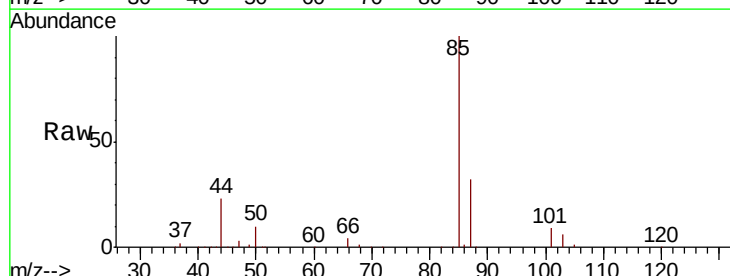
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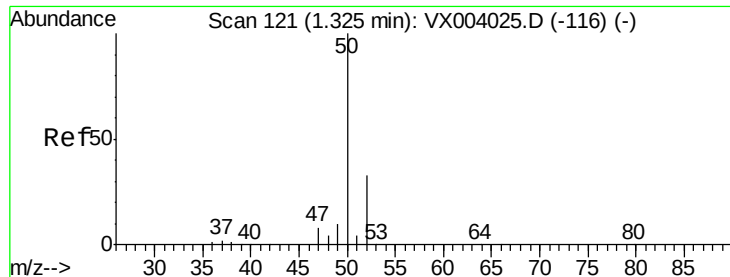
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#2
Dichlorodifluoromethane
Concen: 20.05 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
85	100		55848		
87	32.1	16.0	48.0		





#3

Chloromethane

Concen: 23.99 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0817WBSD01

Tot Ion: 50 Resp: 82000

Ion Ratio Lower Upper

50 100

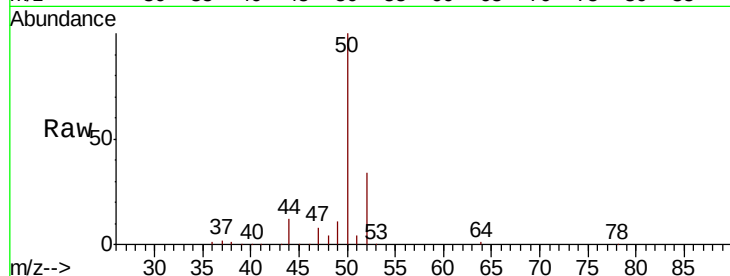
52 33.6 26.6 39.8

Manual Integrations

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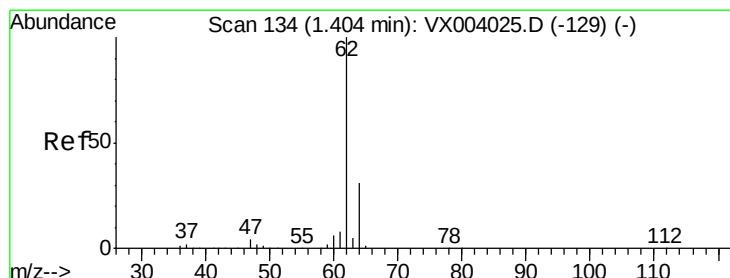
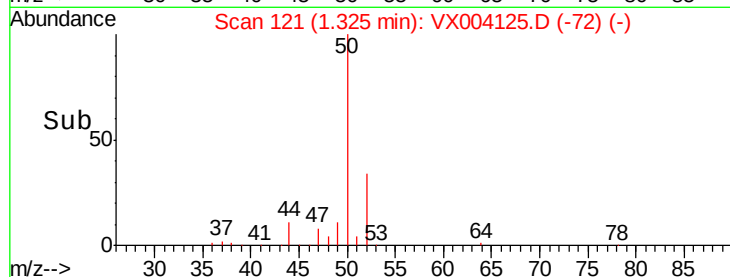
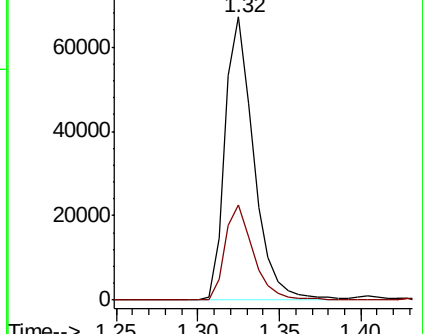
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.06 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004125.D

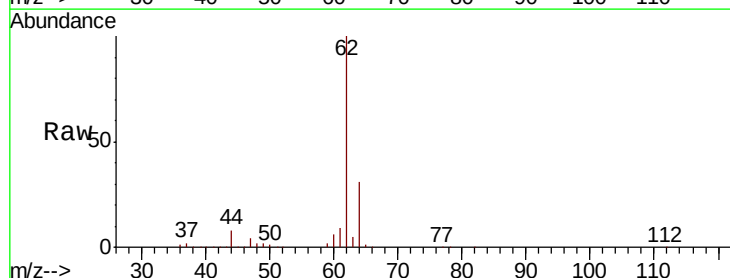
Acq: 17 Aug 2018 12:10

Tgt Ion: 62 Resp: 70473

Ion Ratio Lower Upper

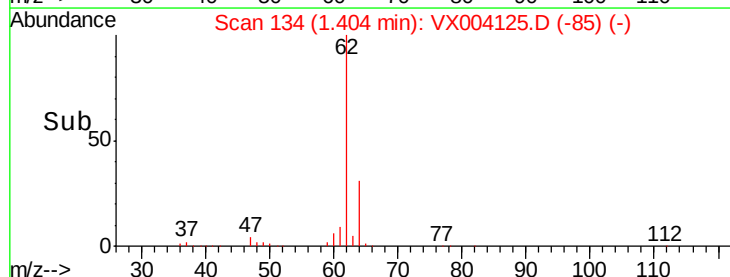
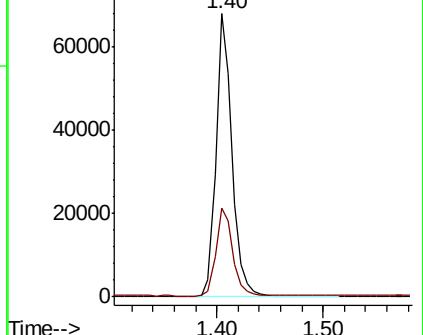
62 100

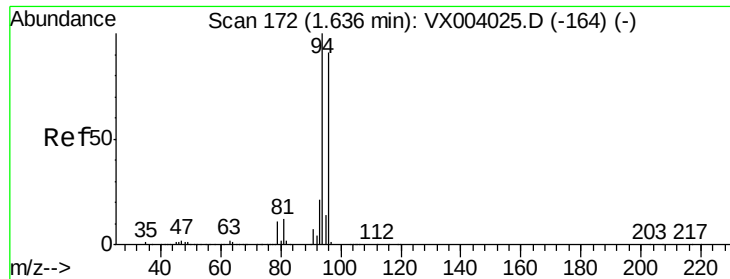
64 31.1 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.12 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0817WBSD01

Tot Ion: 94 Resp: 37902

Ion Ratio Lower Upper

94 100

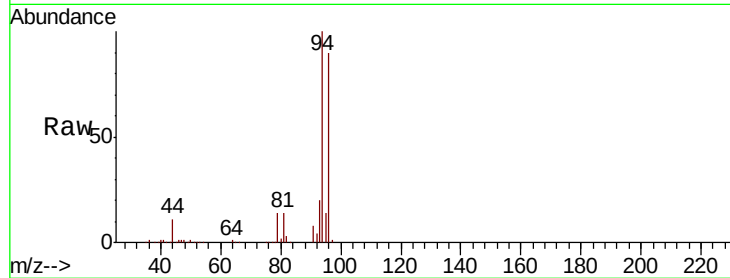
96 90.1 75.2 112.8

Manual Integrations

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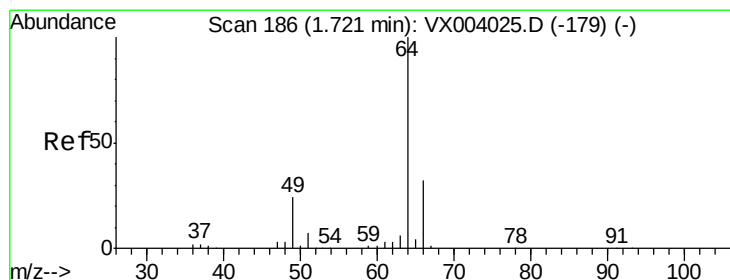
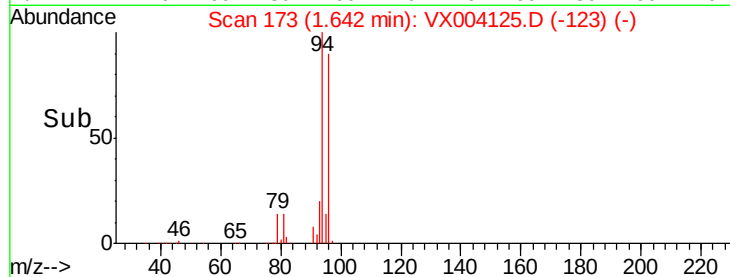
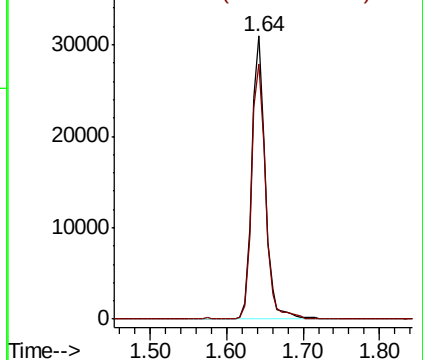
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.66 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX004125.D

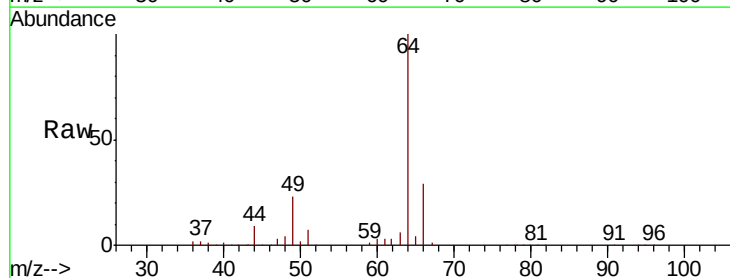
Acq: 17 Aug 2018 12:10

Tgt Ion: 64 Resp: 50445

Ion Ratio Lower Upper

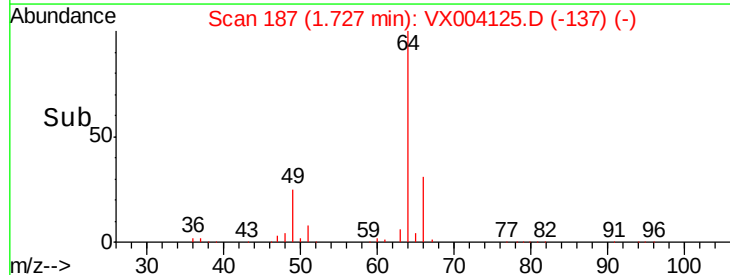
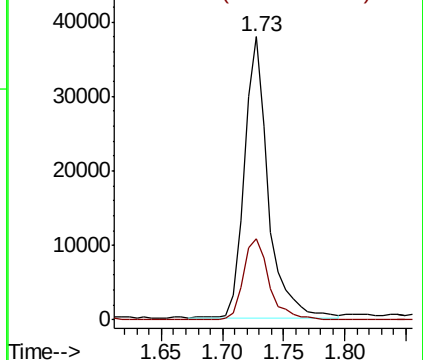
64 100

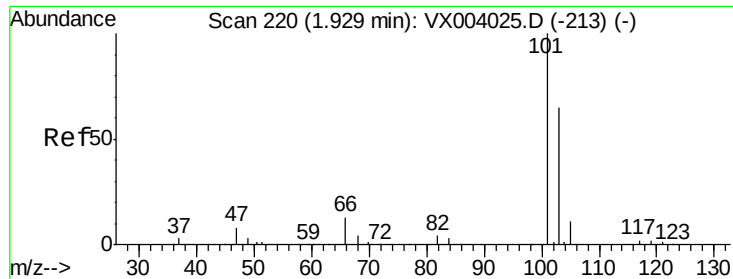
66 28.9 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

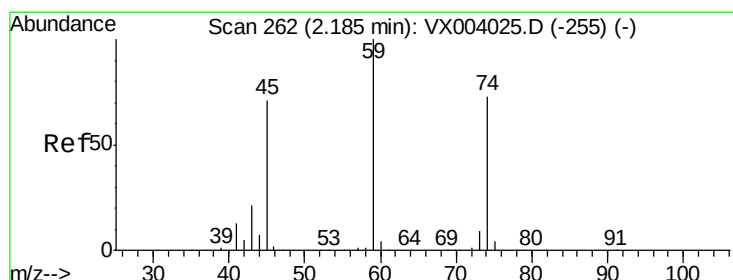
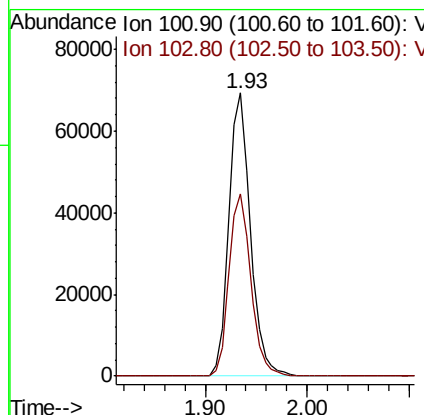
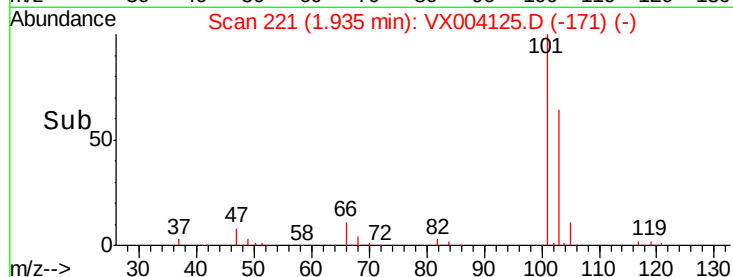
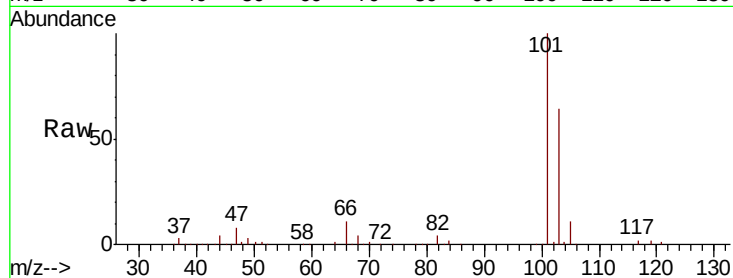
Trichlorofluoromethane
Concen: 19.47 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.3	78.5

Manual Integrations
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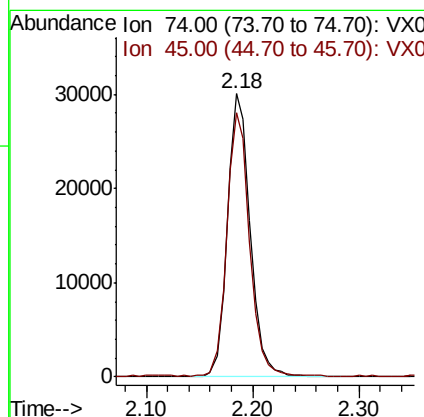
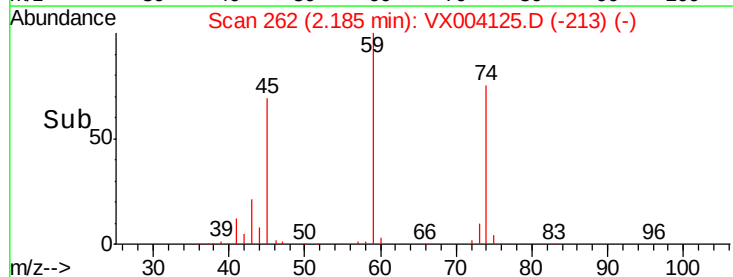
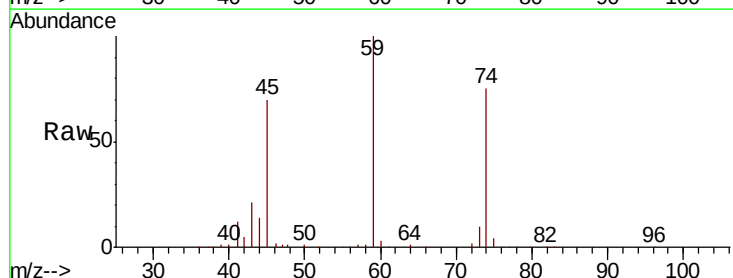
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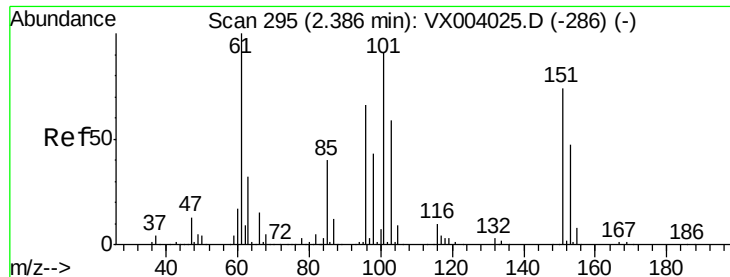


#8

Diethyl Ether
Concen: 19.86 ug/l
RT: 2.18 min Scan# 262
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.8	48.3	144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.52 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

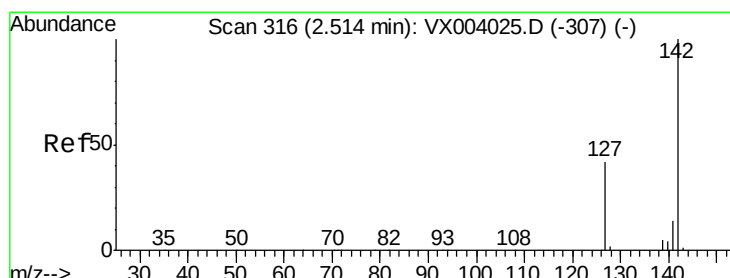
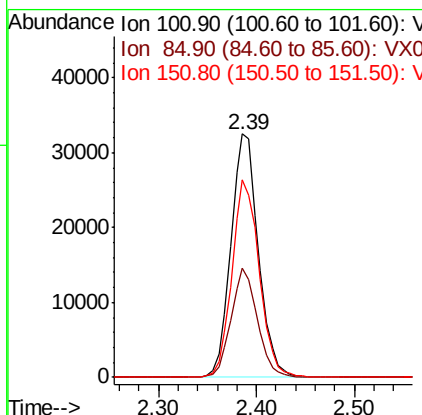
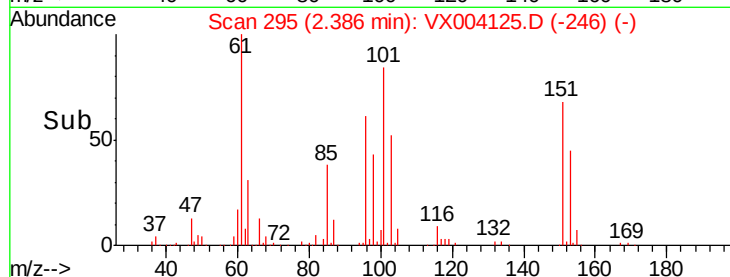
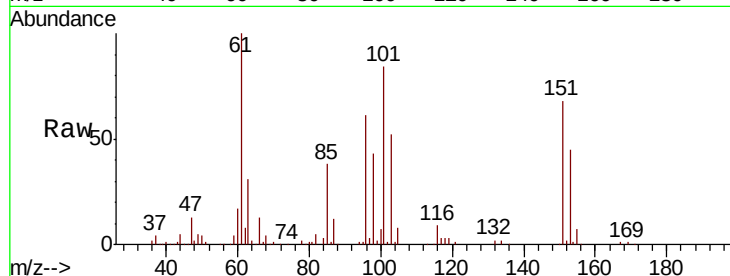
ClientSampleId :

VX0817WBSD01

Tot Ion:	101	Resp:	63150
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.2	51.4
151	80.7	65.0	97.4

Manual Integrations
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#10

Methyl Iodide

Concen: 17.99 ug/l

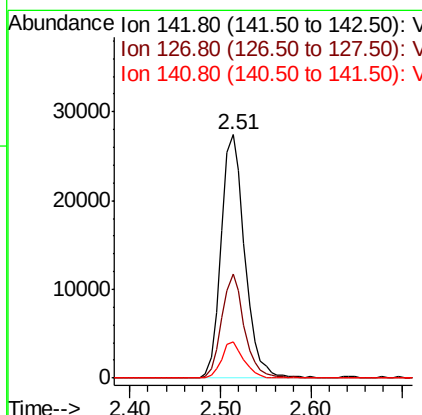
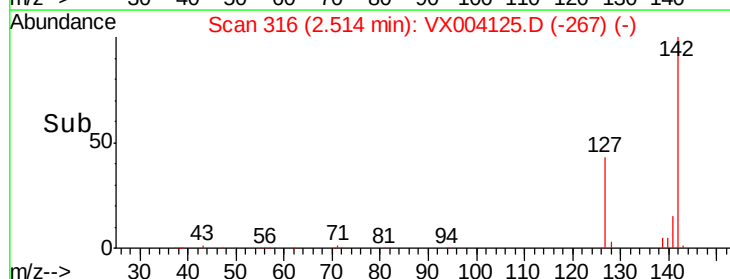
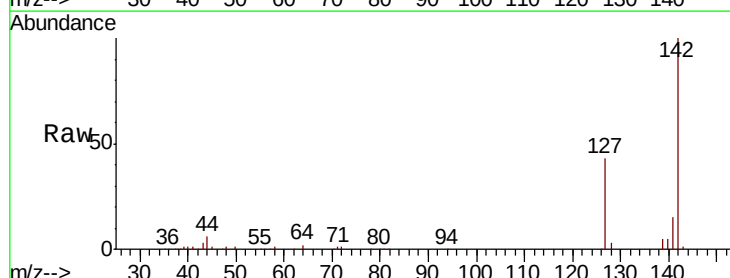
RT: 2.51 min Scan# 316

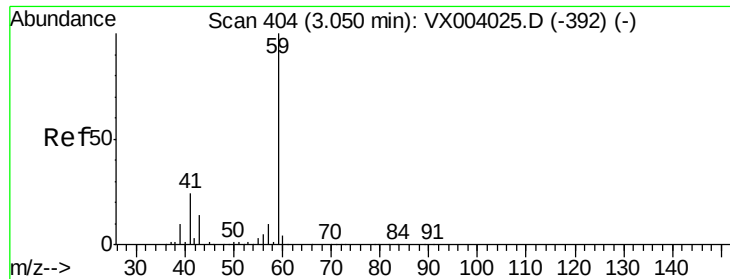
Delta R.T. 0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Tgt Ion:	142	Resp:	49869
Ion Ratio	Lower	Upper	
142	100		
127	41.1	33.1	49.7
141	13.8	11.1	16.7





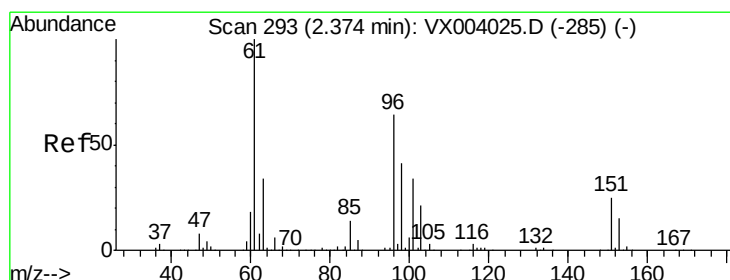
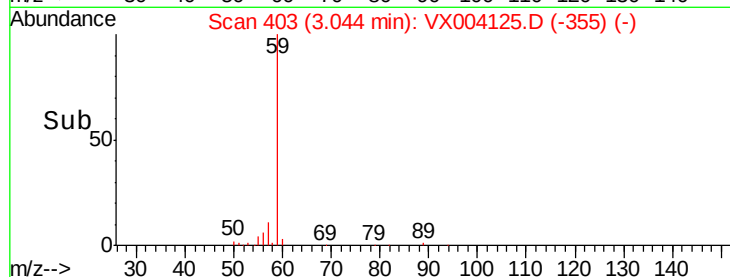
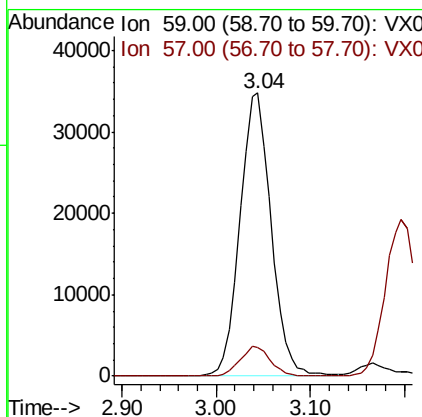
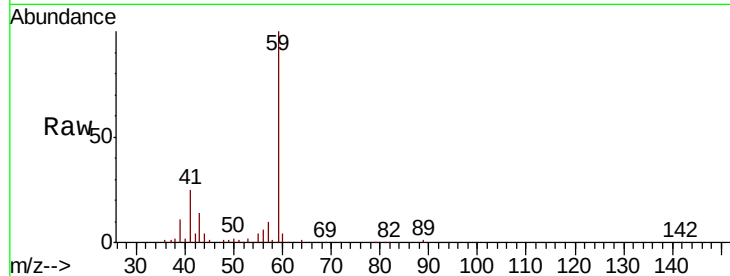
#11
Tert butyl alcohol
Concen: 99.22 ug/l
RT: 3.04 min Scan# 403
Delta R.T. -0.01 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBSD01

Tot Ion: 59 Resp: 80535
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1

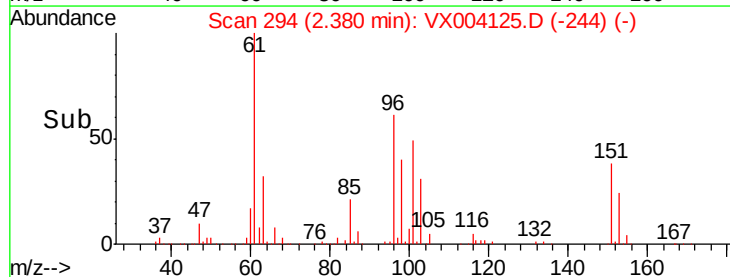
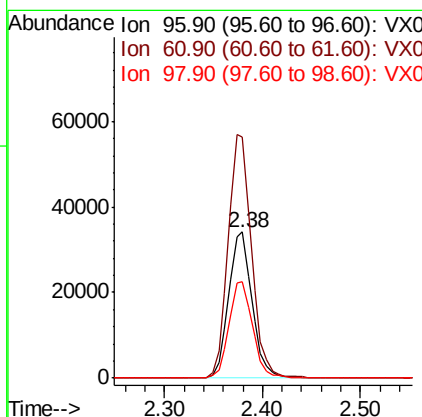
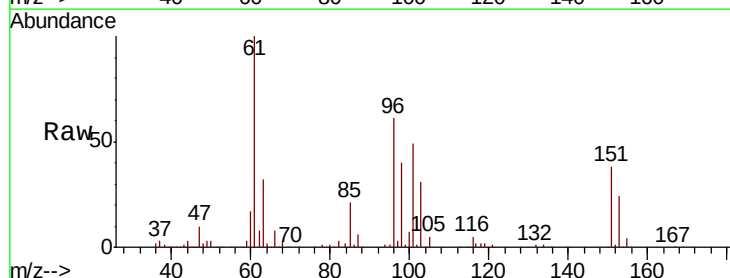
Manual Integrations
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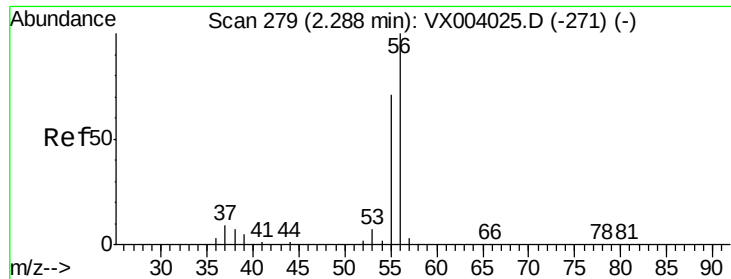
MMDadoda
8/20/2018 10:04:13 AM



#12
1,1-Dichloroethene
Concen: 18.89 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion: 96 Resp: 56842
Ion Ratio Lower Upper
96 100
61 165.0 131.3 196.9
98 66.3 51.8 77.6





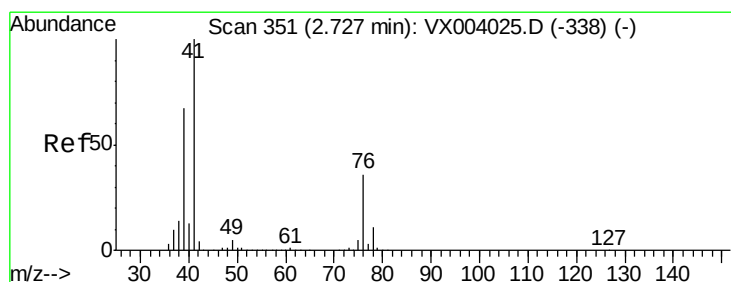
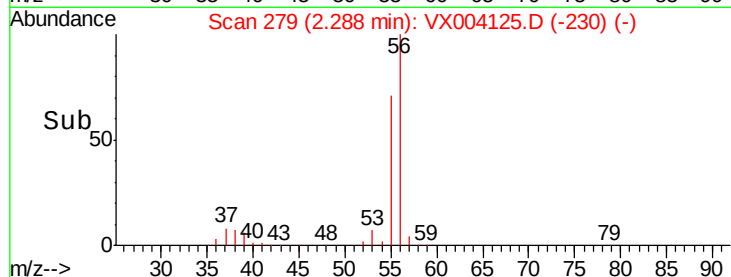
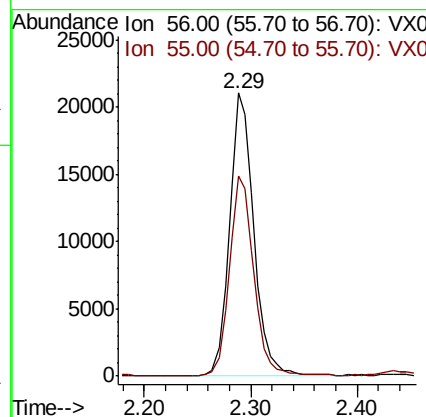
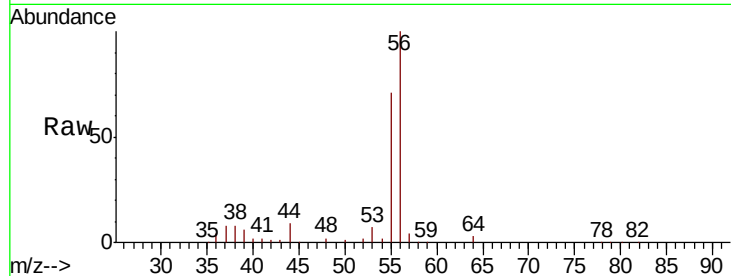
#13
 Acrolein
 Concen: 69.27 ug/l
 RT: 2.29 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBSD01

Tot Ion: 56 Resp: 33586
 Ion Ratio Lower Upper
 56 100
 55 71.6 56.1 84.1

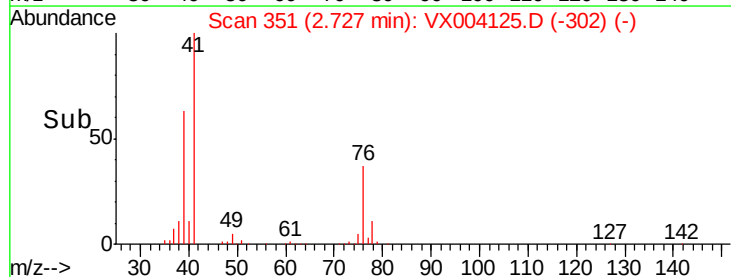
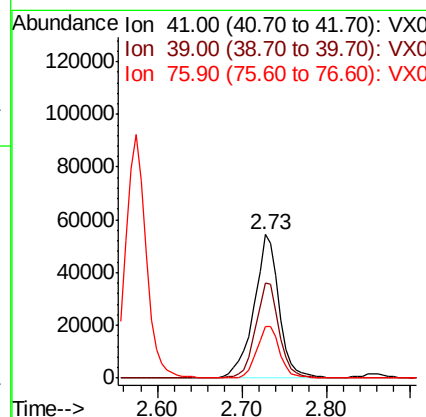
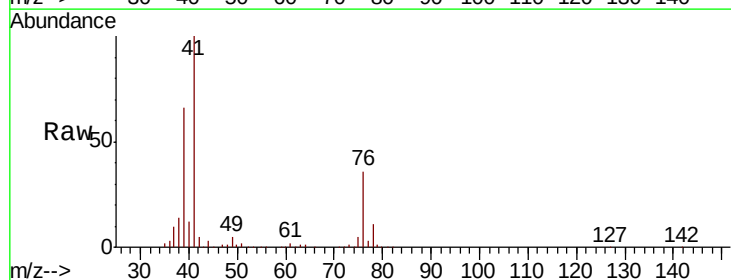
Manual Integrations
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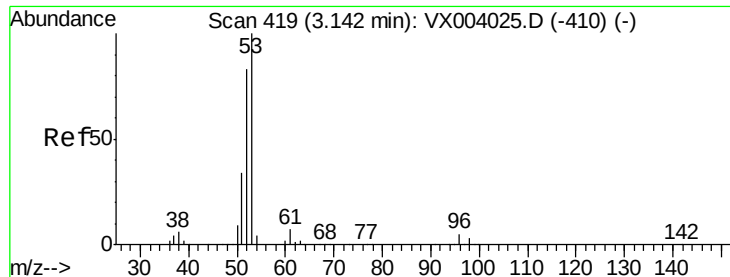
MMDadoda
 8/20/2018 10:04:13 AM



#14
 Allyl chloride
 Concen: 19.00 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Tgt Ion: 41 Resp: 108781
 Ion Ratio Lower Upper
 41 100
 39 61.9 47.4 71.0
 76 33.2 26.0 39.0





#15

Acrylonitrile

Concen: 97.20 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

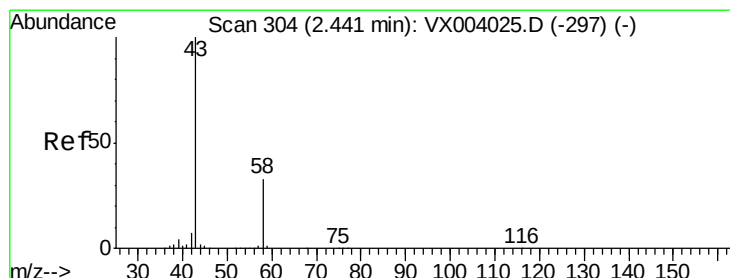
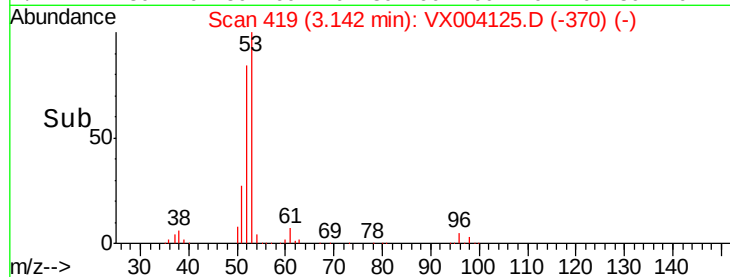
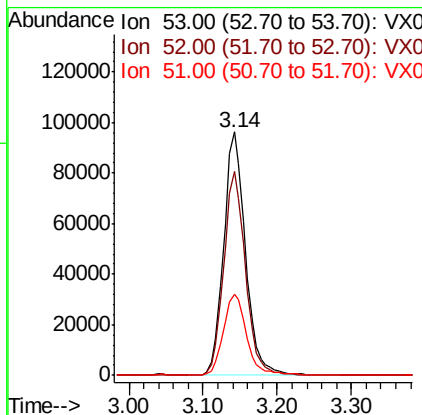
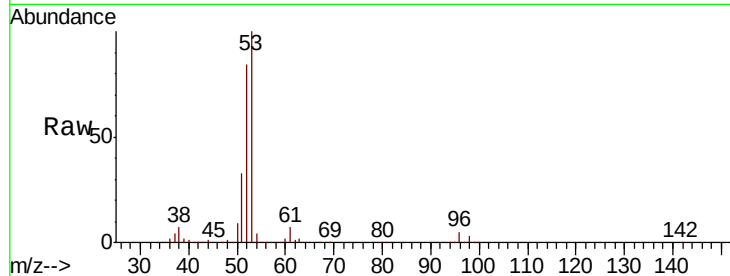
ClientSampleId :

VX0817WBSD01

Tot Ion:	53	Resp:	196703
Ion Ratio	Lower	Upper	
53	100		
52	83.3	65.3	97.9
51	36.1	27.9	41.9

Manual Integrations
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MMDadoda
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#16

Acetone

Concen: 100.77 ug/l

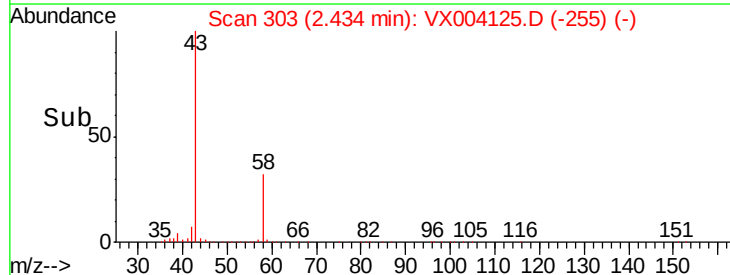
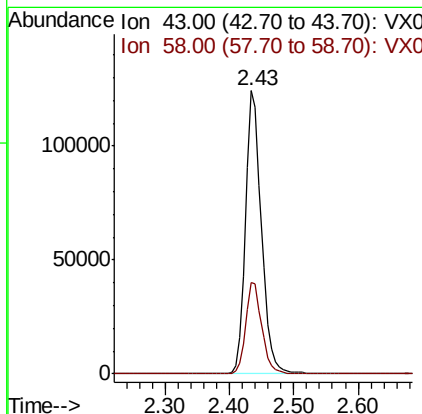
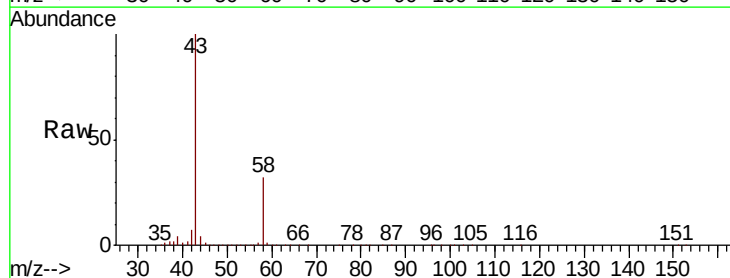
RT: 2.43 min Scan# 303

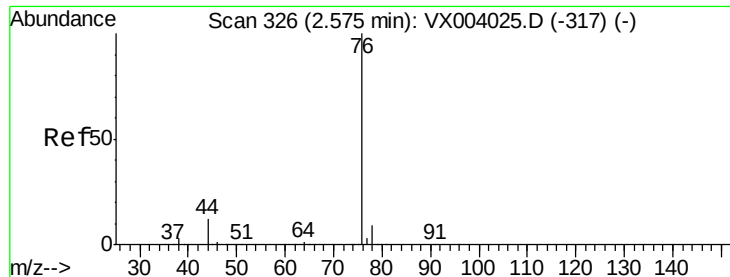
Delta R.T. -0.01 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Tgt Ion:	43	Resp:	211172
Ion Ratio	Lower	Upper	
43	100		
58	32.3	26.4	39.6





#17

Carbon Disulfide

Concen: 18.16 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampled :

VX0817WBSD01

Tot Ion: 76 Resp: 155022

Ion Ratio Lower Upper

76 100

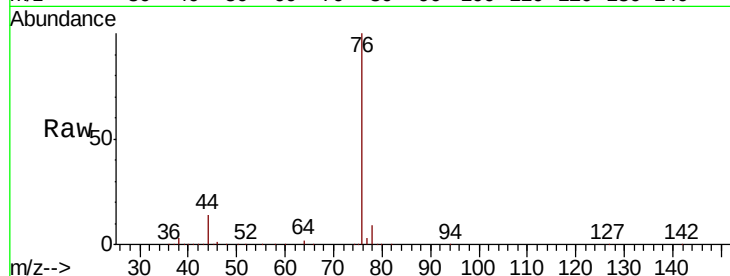
78 9.3 7.5 11.3

Manual Integrations

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8/20/2018 10:04:13 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

100000

80000

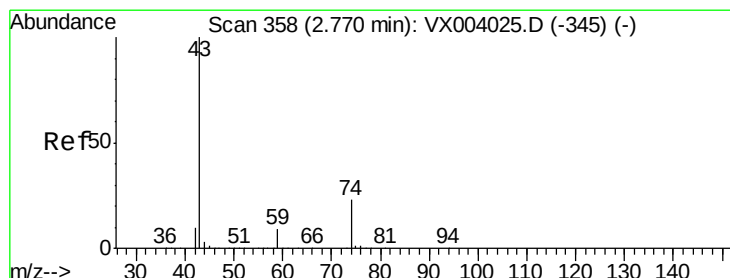
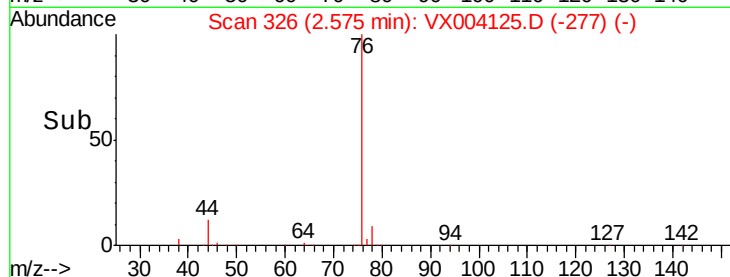
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 20.80 ug/l

RT: 2.77 min Scan# 358

Delta R.T. -0.00 min

Lab File: VX004125.D

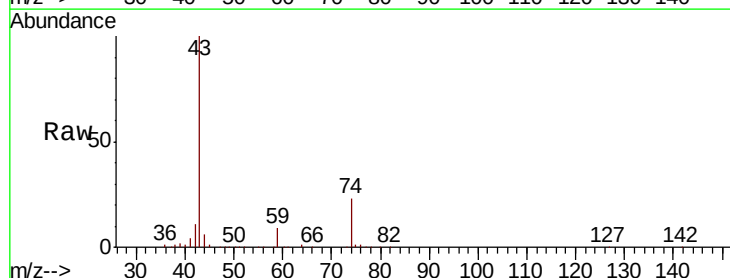
Acq: 17 Aug 2018 12:10

Tgt Ion: 43 Resp: 96890

Ion Ratio Lower Upper

43 100

74 24.4 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

60000

50000

40000

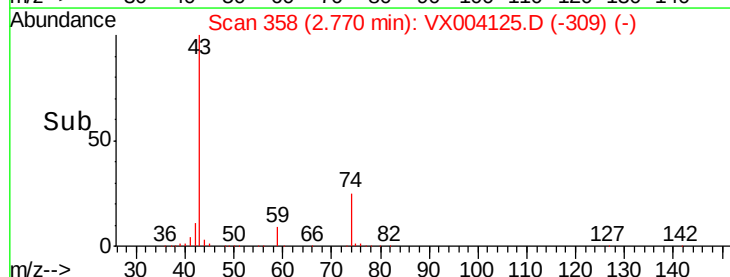
30000

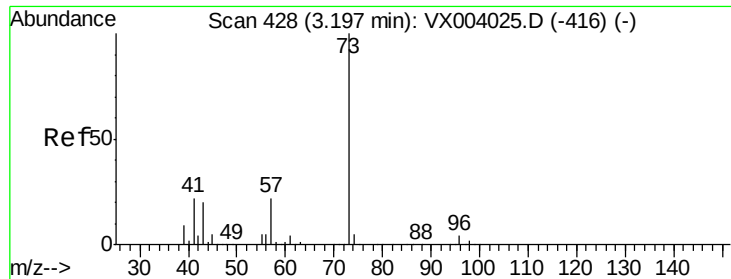
20000

10000

0

Time-->





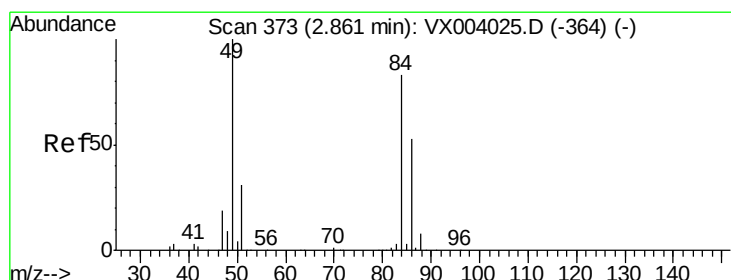
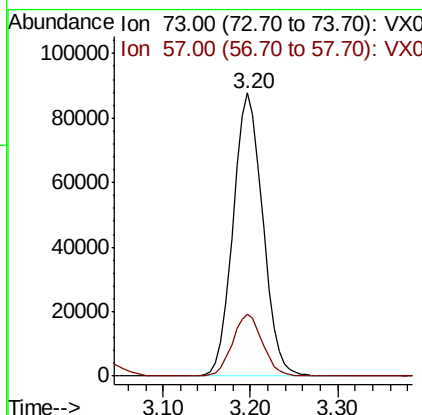
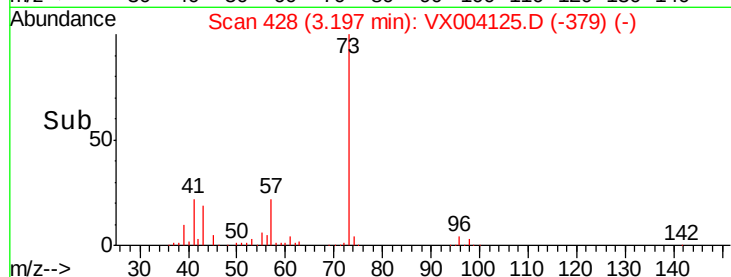
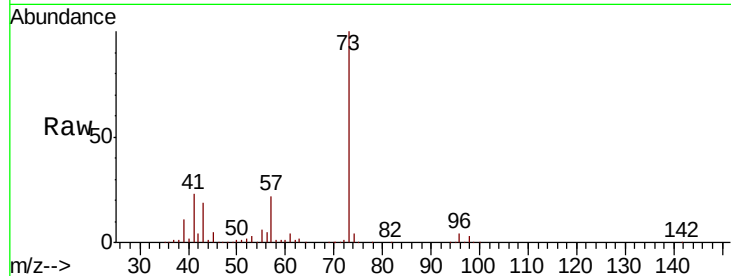
#19
Methvl tert-butvl Ether
Concen: 19.53 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	18.0	27.0

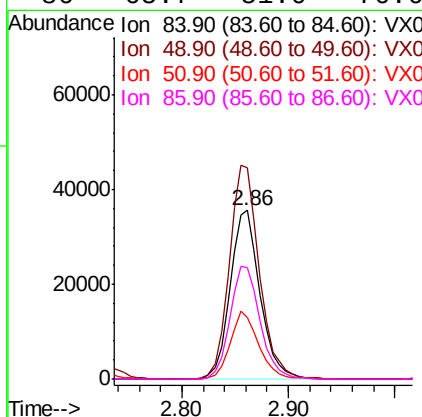
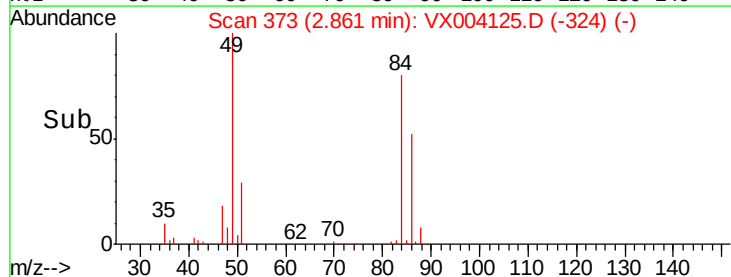
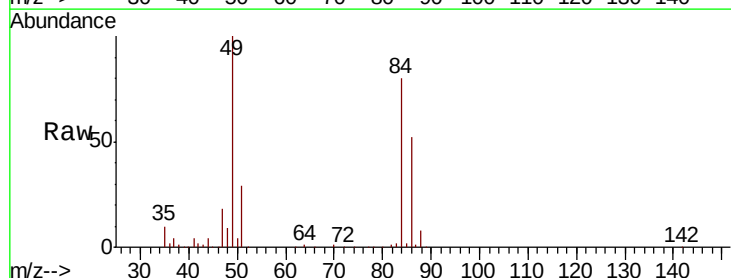
Manual Integrations
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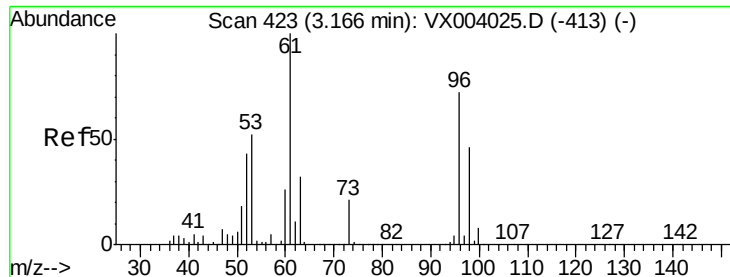
MMDadoda
8/20/2018 10:04:13 AM



#20
Methylene Chloride
Concen: 20.04 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.3	98.9	148.3
51	36.3	29.9	44.9
86	65.7	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 18.94 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0817WBSD01

Tot Ion: 96 Resp: 64730

Ion Ratio Lower Upper

96 100

61 137.3 111.8 167.6

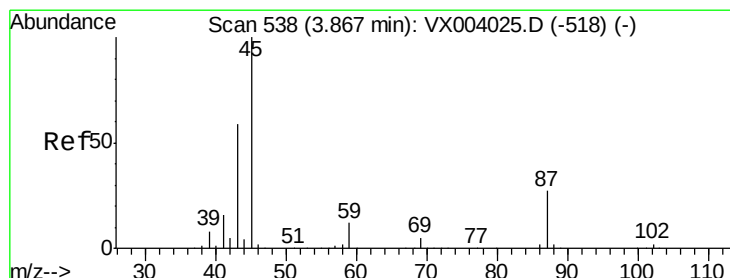
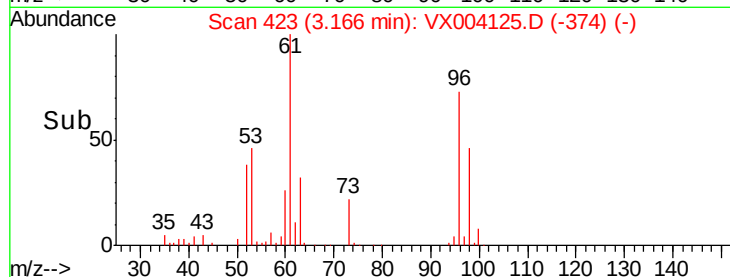
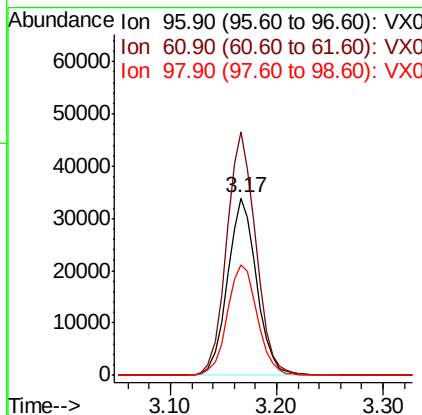
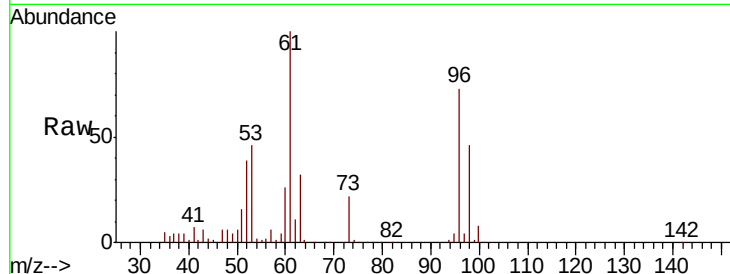
98 62.6 51.8 77.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 19.31 ug/l

RT: 3.86 min Scan# 537

Delta R.T. -0.01 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Tgt Ion: 45 Resp: 216695

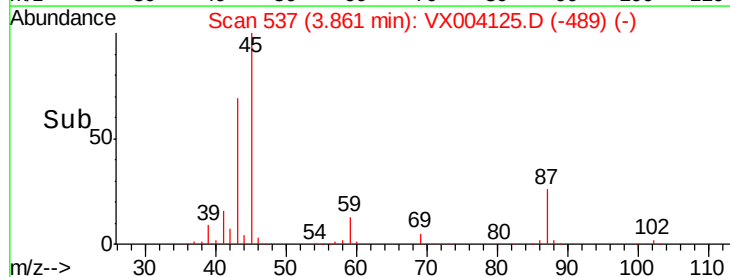
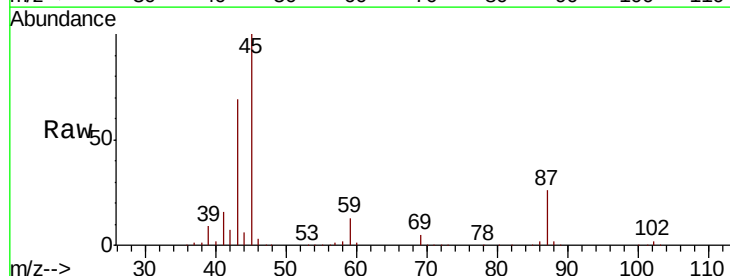
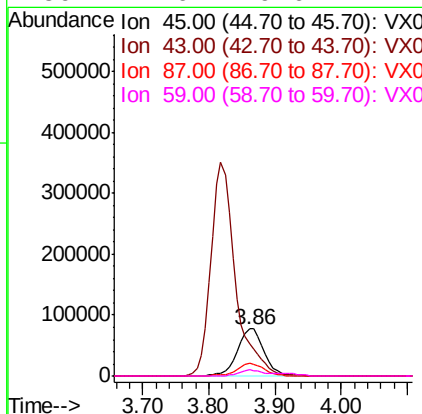
Ion Ratio Lower Upper

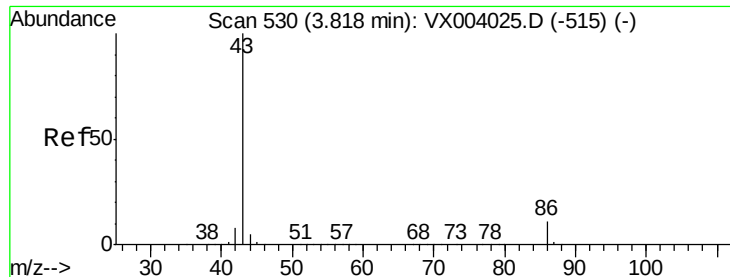
45 100

43 68.3 45.3 67.9#

87 26.0 22.7 34.1

59 12.6 9.6 14.4





#23

Vinyl Acetate

Concen: 98.19 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0817WBSD01

Tot Ion: 43 Resp: 904937

Ion Ratio Lower Upper

43 100

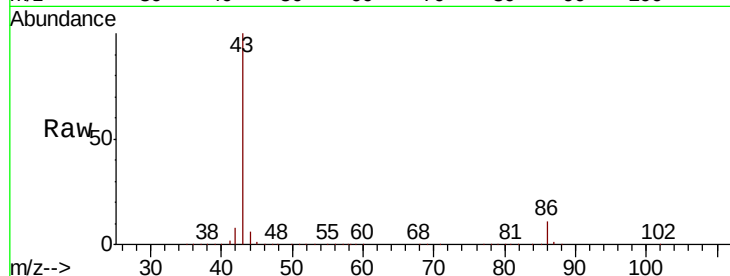
86 11.3 8.9 13.3

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

300000

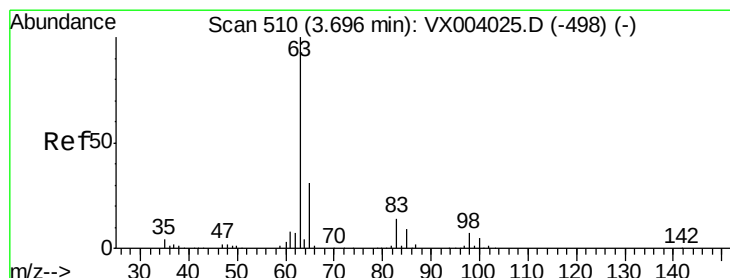
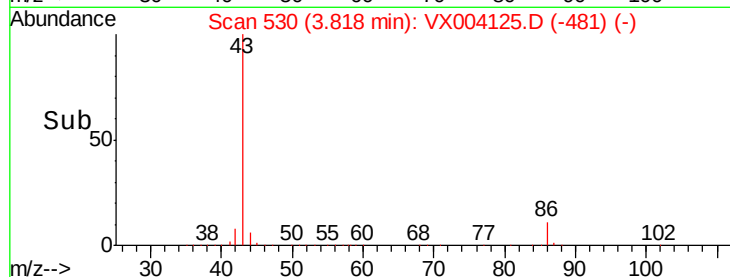
200000

100000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.45 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

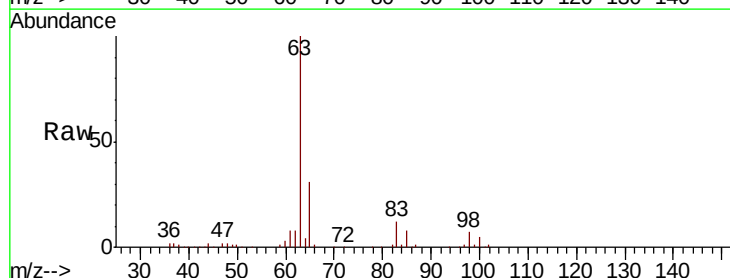
Tgt Ion: 63 Resp: 123628

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

100 4.6 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

60000

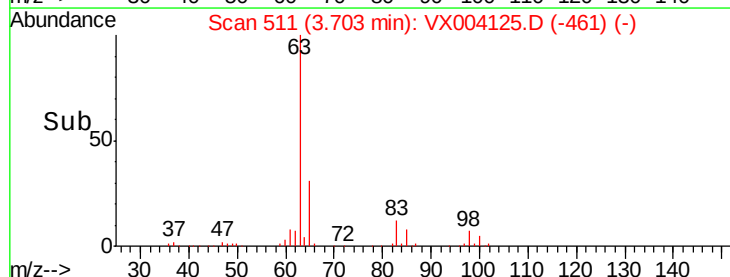
40000

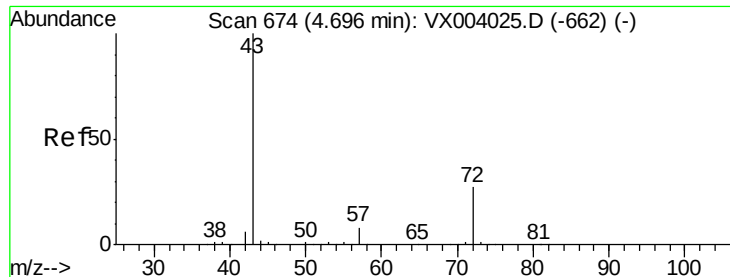
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 106.77 ug/l

RT: 4.69 min Scan# 673

Delta R.T. -0.01 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0817WBSD01

Tot Ion: 43 Resp: 364061

Ion Ratio Lower Upper

43 100

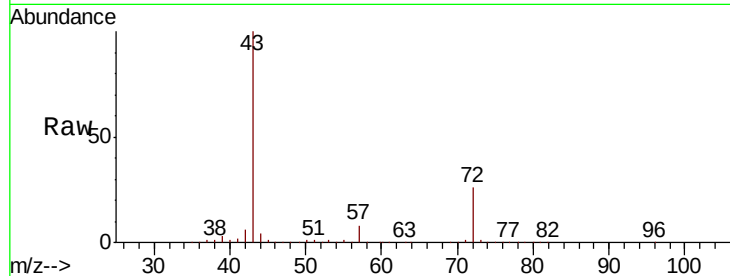
72 26.0 21.4 32.0

Manual Integrations

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MMDadoda

8/20/2018 10:04:13 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

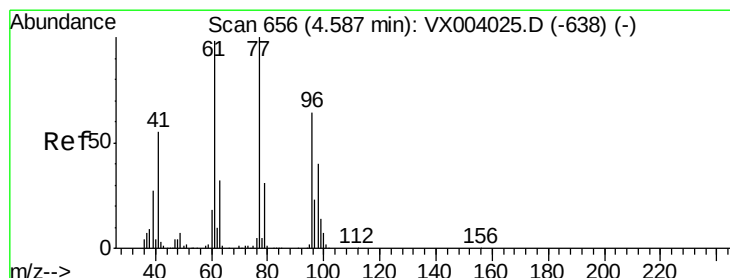
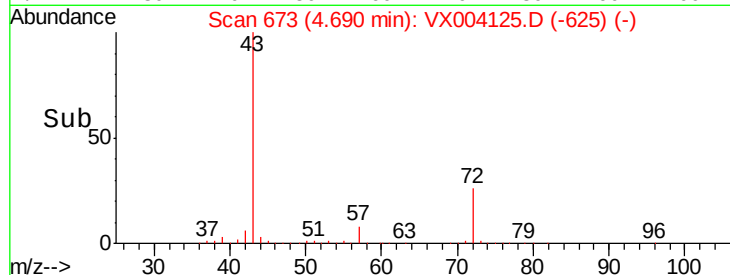
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.92 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX004125.D

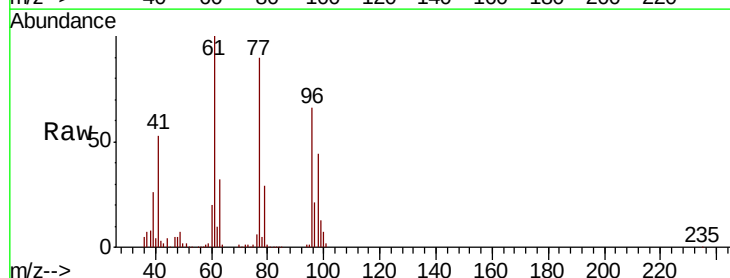
Acq: 17 Aug 2018 12:10

Tgt Ion: 77 Resp: 95583

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

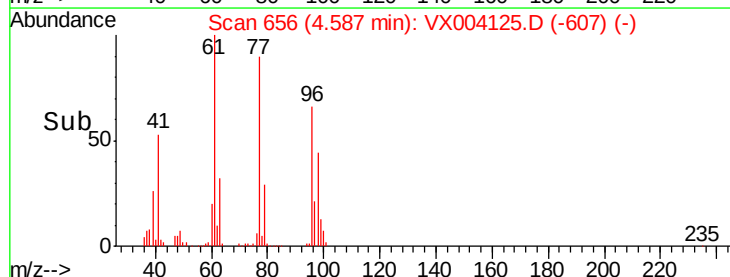
20000

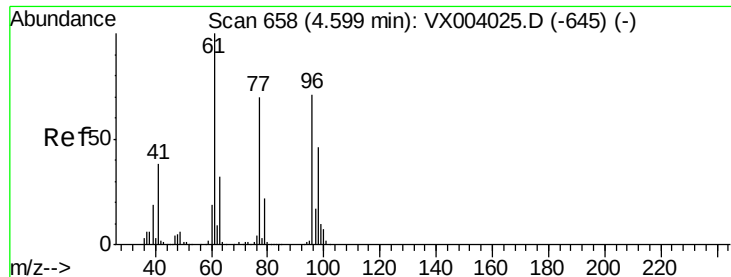
10000

0

4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 20.42 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

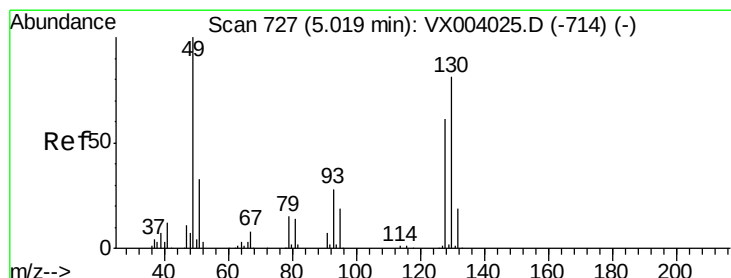
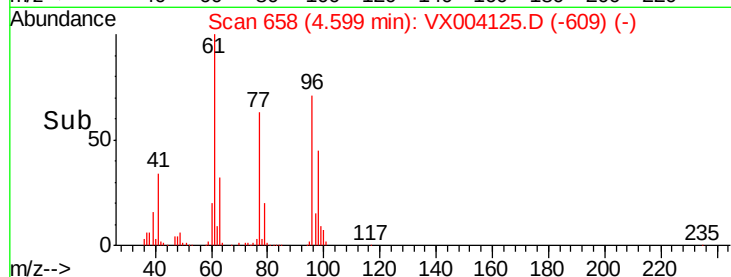
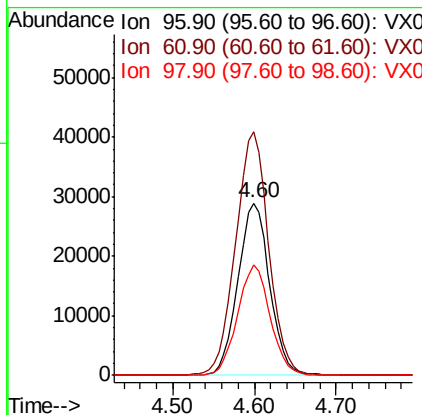
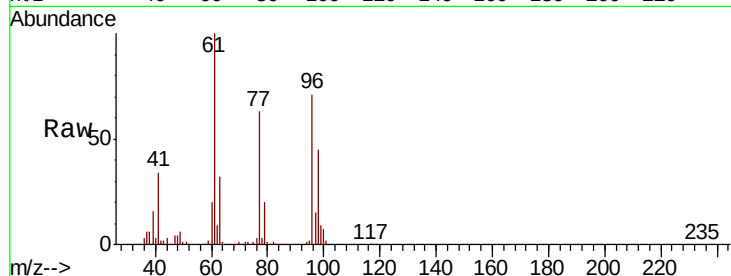
ClientSampleId :

VX0817WBSD01

Tot Ion:	96	Resp:	78477
Ion	Ratio	Lower	Upper
96	100		
61	146.6	0.0	293.0
98	65.4	0.0	131.8

Manual Integrations
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#28

Bromochloromethane

Concen: 19.94 ug/l

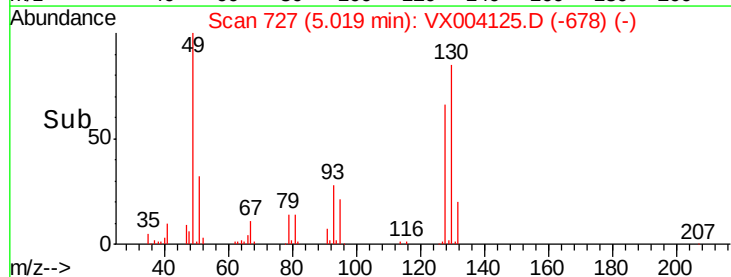
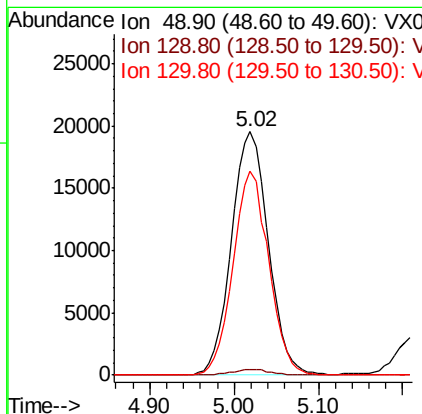
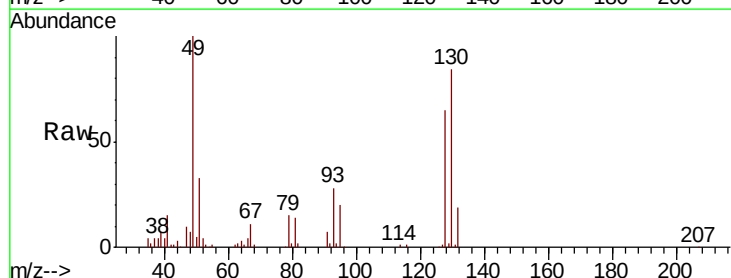
RT: 5.02 min Scan# 727

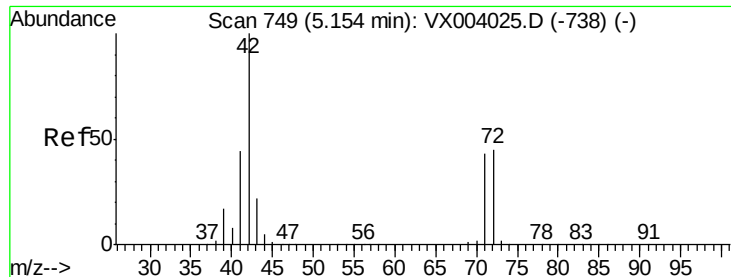
Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Tgt Ion:	49	Resp:	58157
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	80.9	66.5	99.7





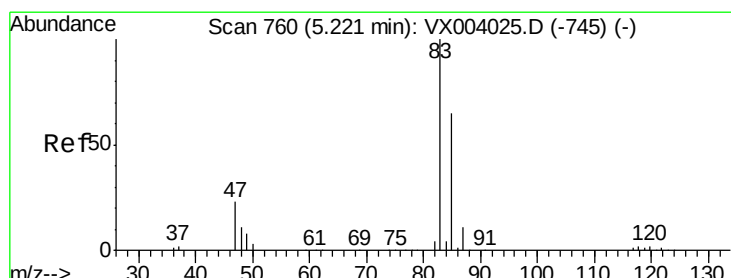
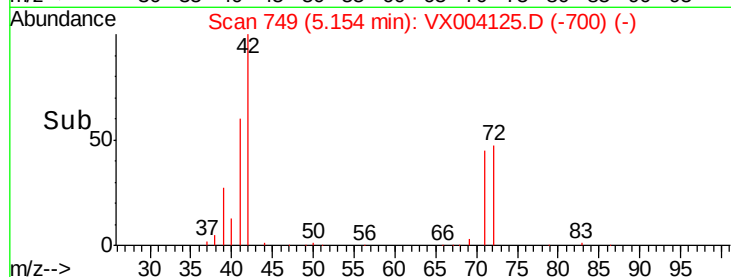
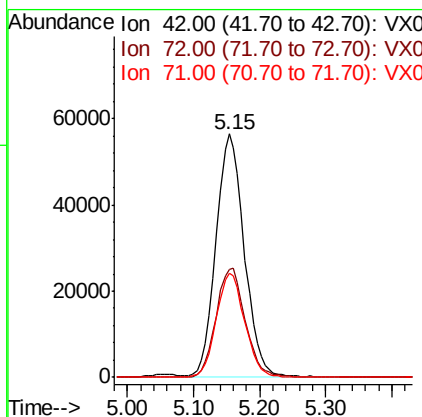
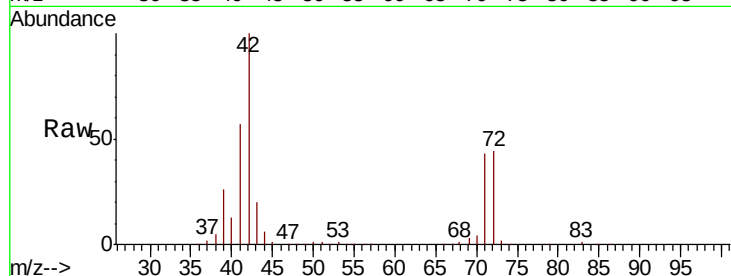
#29
Tetrahydrofuran
Concen: 95.53 ug/l
RT: 5.15 min Scan# 749
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.7	56.5
71	43.1	35.0	52.6

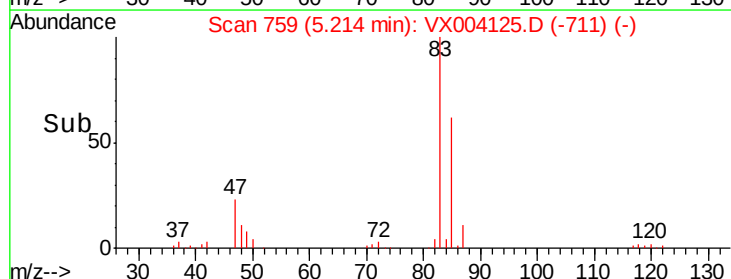
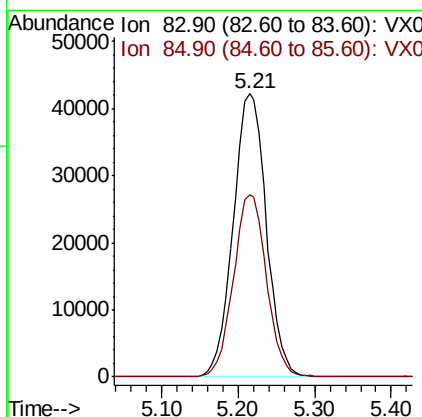
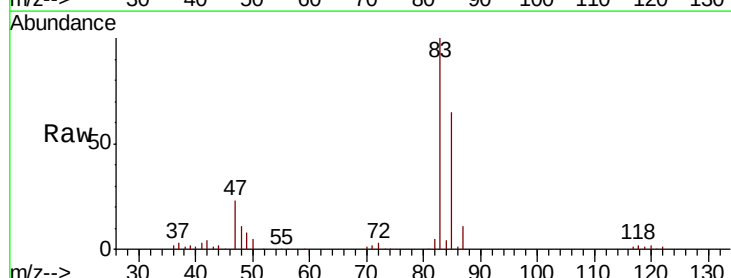
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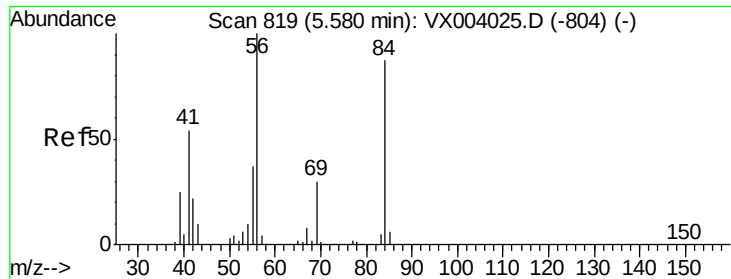
MMDadoda
8/20/2018 10:04:13 AM



#30
Chloroform
Concen: 20.40 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.7	76.1





#31

Cyclohexane

Concen: 17.98 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0817WBSD01

Tot Ion: 56 Resp: 100158

Ion Ratio Lower Upper

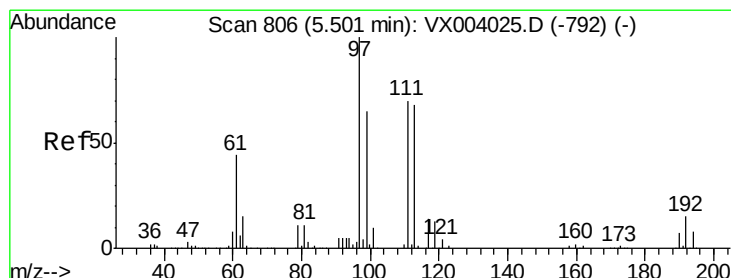
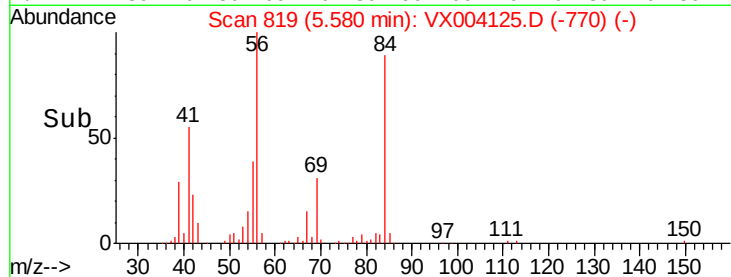
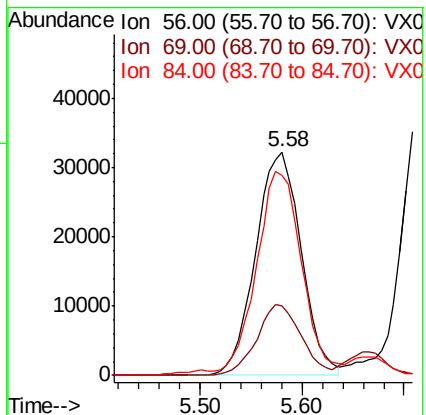
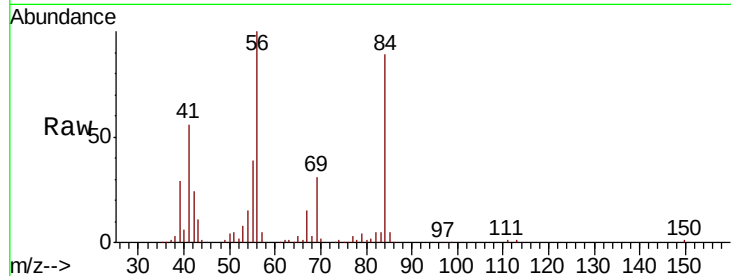
56 100

69 31.0 24.9 37.3

84 87.9 71.7 107.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.22 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

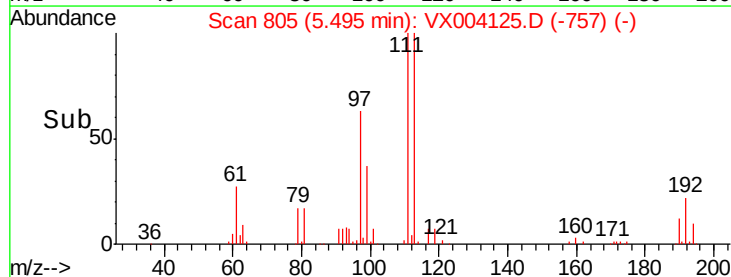
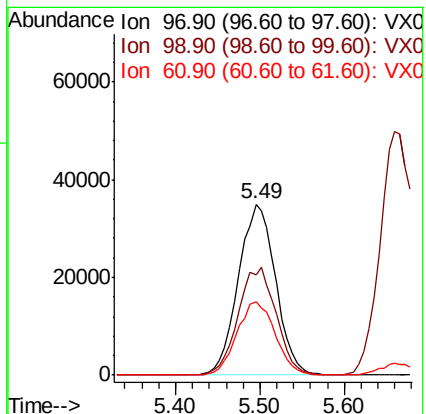
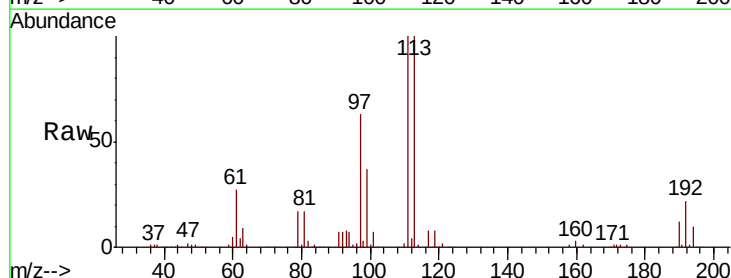
Tgt Ion: 97 Resp: 104821

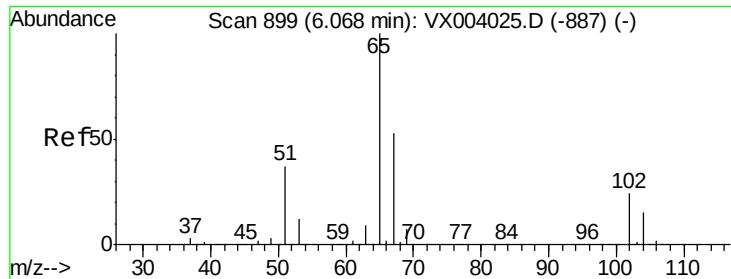
Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.8

61 44.1 34.4 51.6





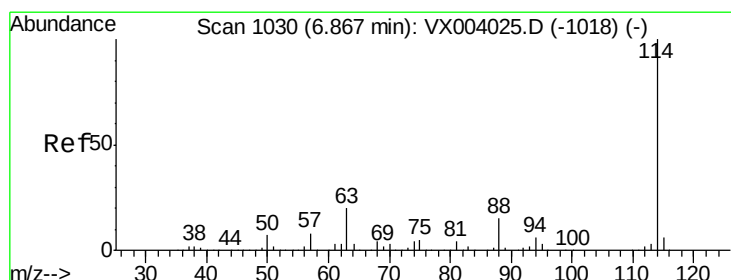
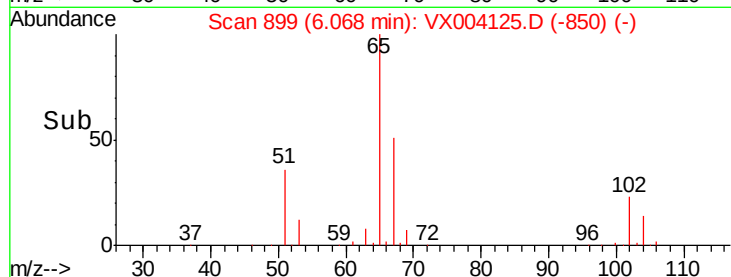
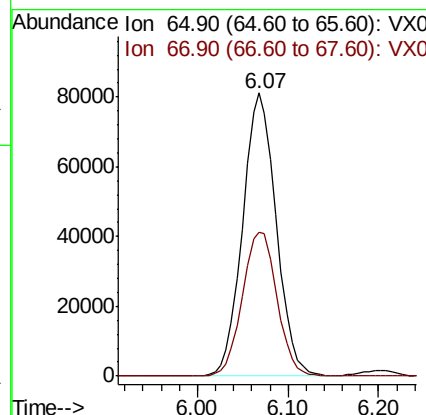
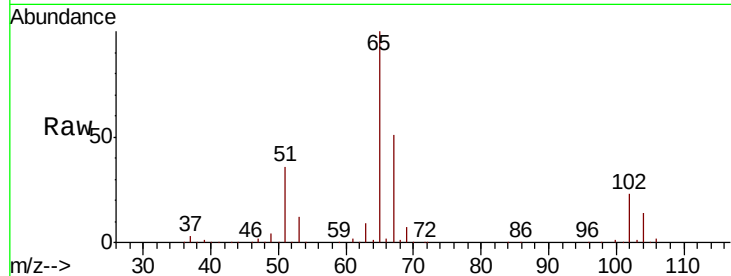
#33
 1,2-Dichloroethane-d4
 Concen: 51.48 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	207504		
67	52.6	0.0	105.8	

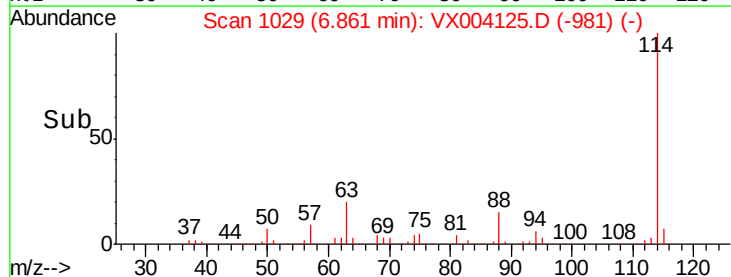
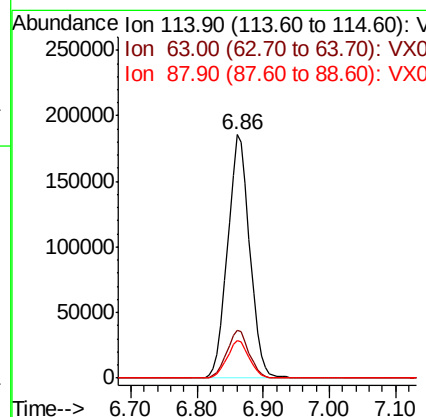
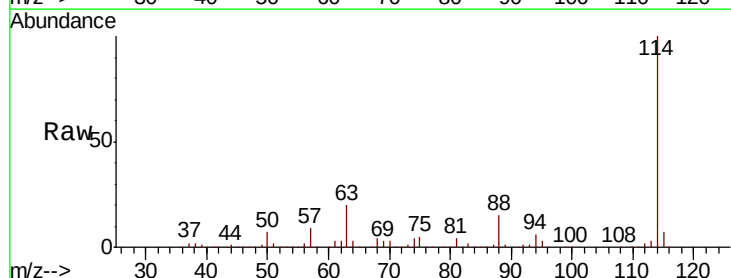
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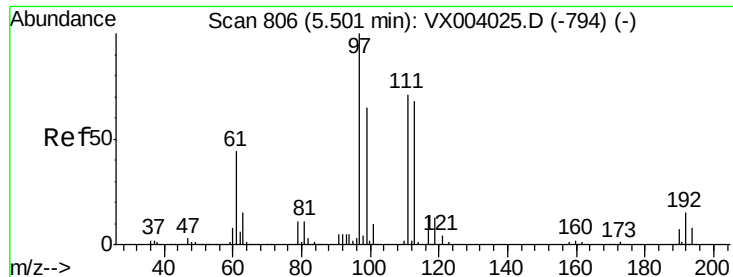
MMDadoda
 8/20/2018 10:04:13 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	430083		
63	19.7	0.0	39.0	
88	15.2	0.0	32.0	





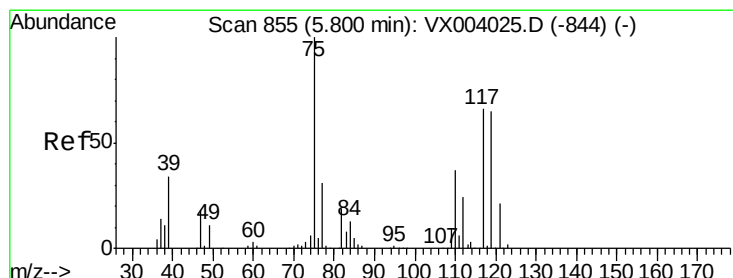
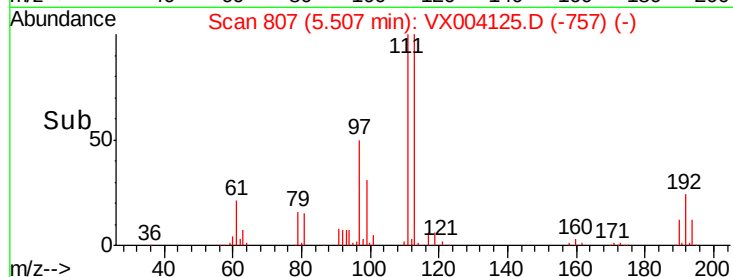
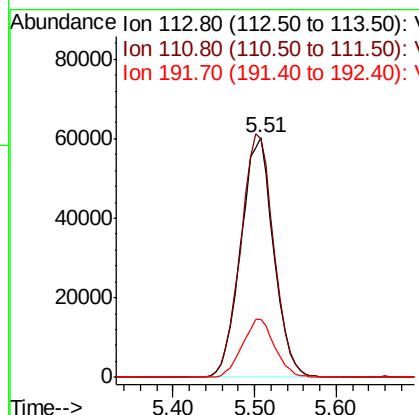
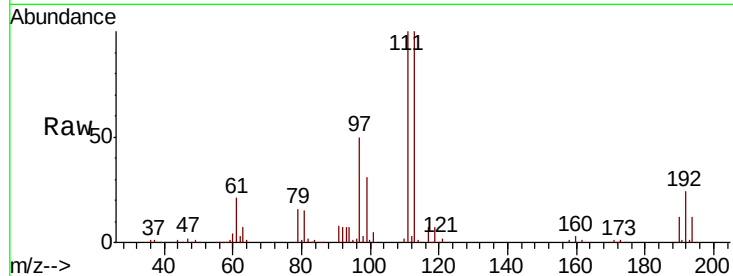
#35
 Dibromofluoromethane
 Concen: 52.31 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	168364		
111	102.7	82.0	123.0	
192	23.9	19.0	28.4	

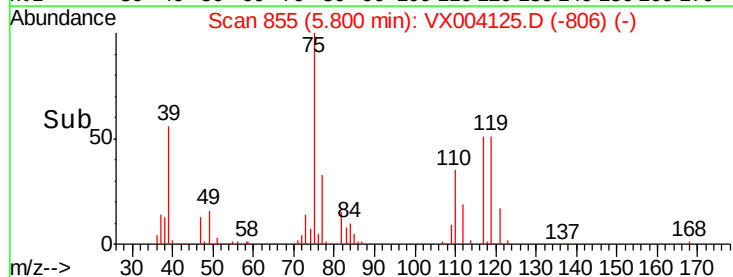
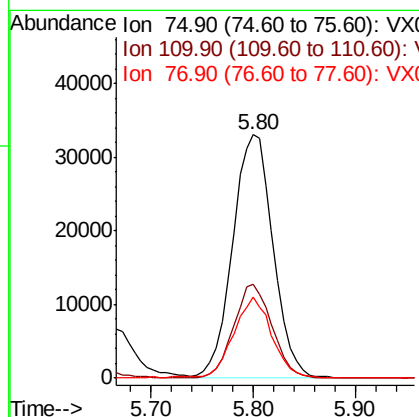
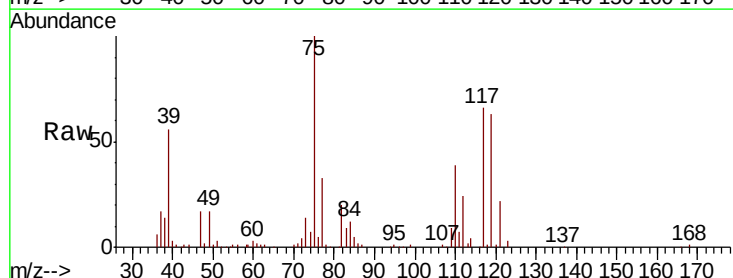
Manual Integrations
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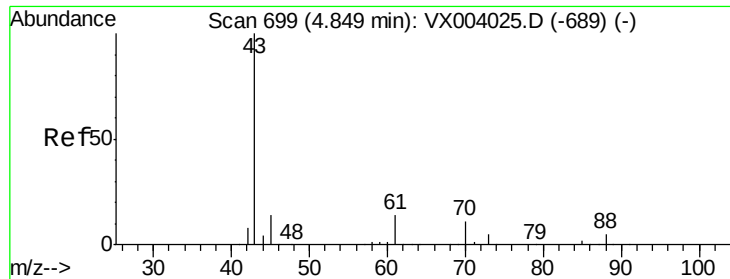
MMDadoda
 8/20/2018 10:04:13 AM



#36
 1,1-Dichloropropene
 Concen: 18.47 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	90416		
110	37.0	18.2	54.6	
77	31.4	25.0	37.4	





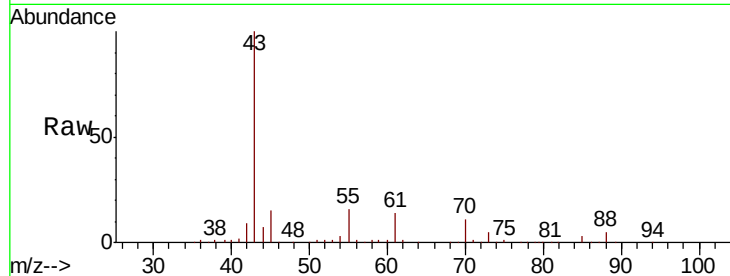
#37
Ethyl Acetate
Concen: 20.73 ug/l
RT: 4.85 min Scan# 699
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBSD01

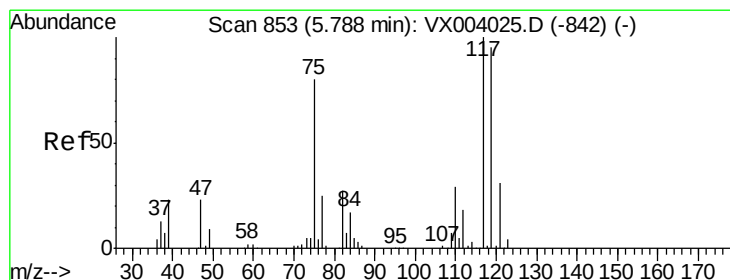
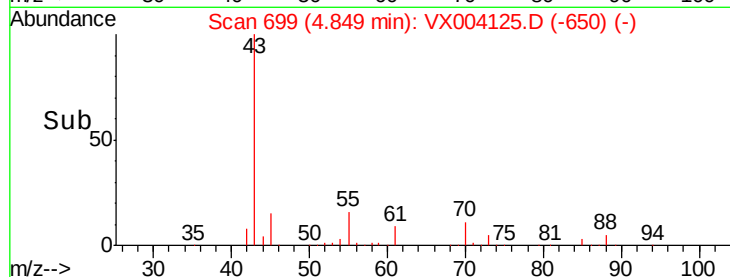
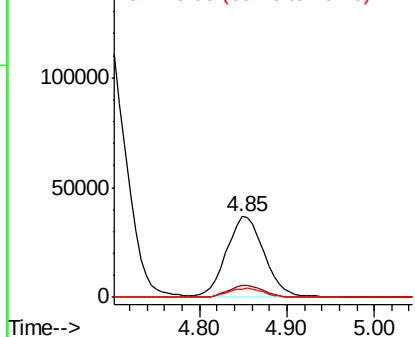
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.5	17.3
70	11.1	9.0	13.4

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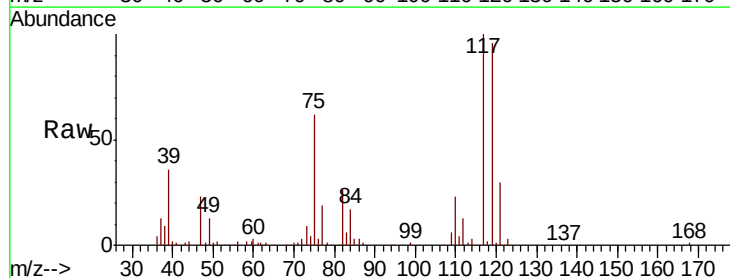


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

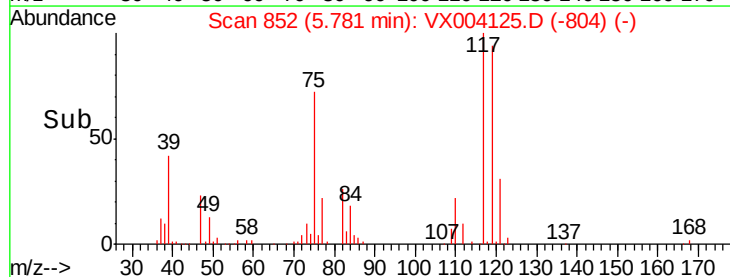
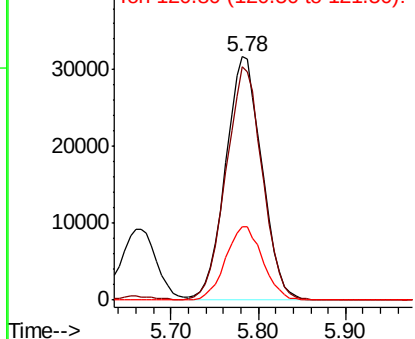


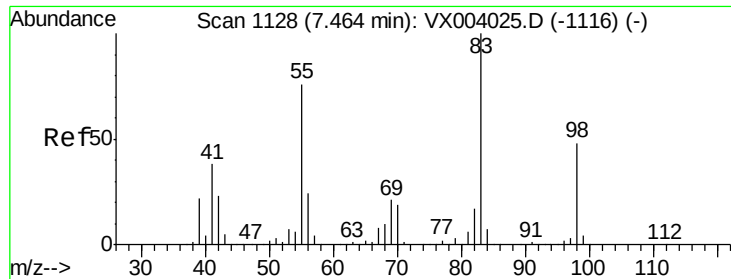
#38
Carbon Tetrachloride
Concen: 19.21 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	79.5	119.3
121	30.3	25.0	37.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





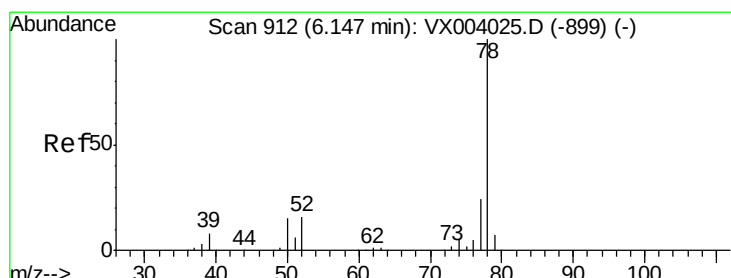
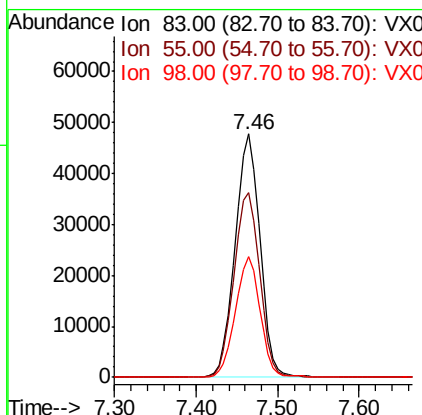
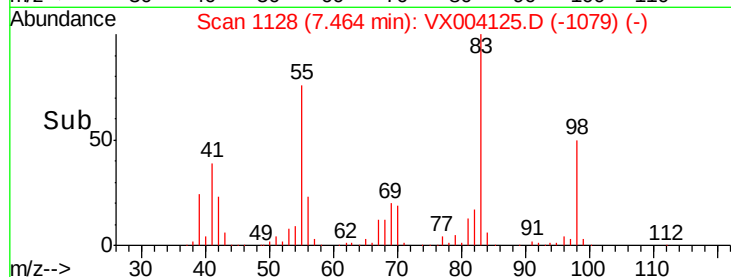
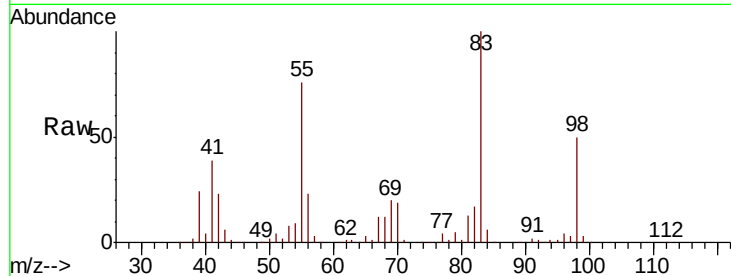
#39
Methylvlcyclohexane
Concen: 18.15 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	61.0	91.6
98	49.7	38.6	57.8

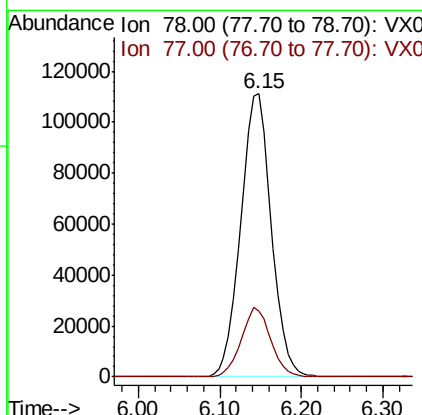
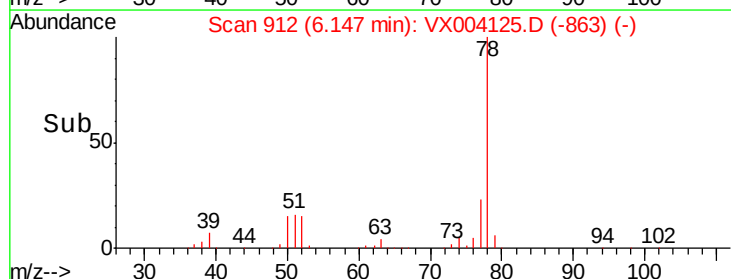
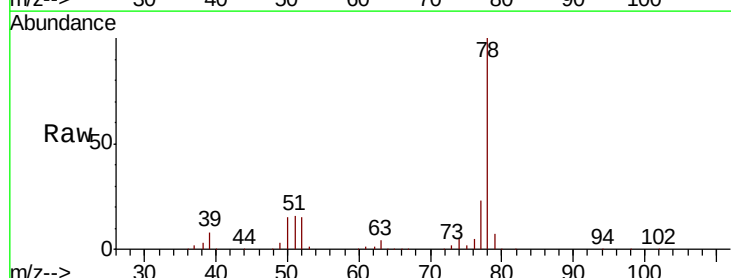
Manual Integrations
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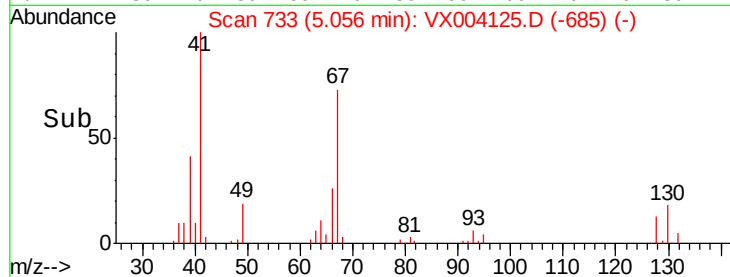
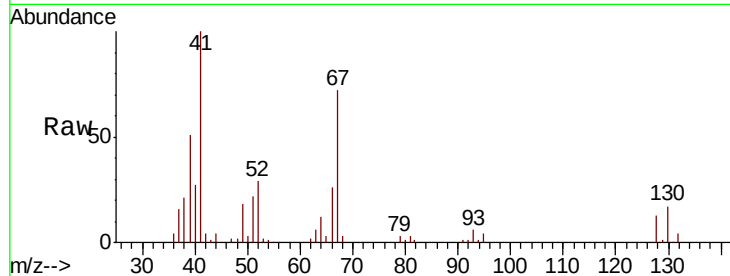
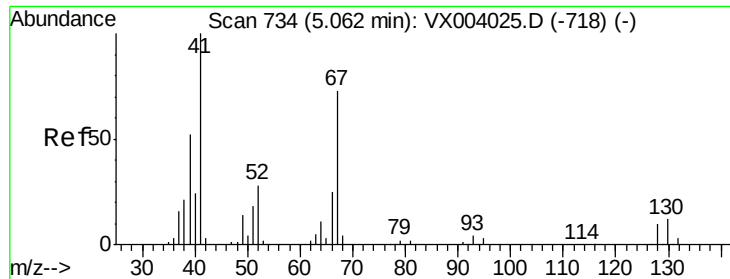
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8/20/2018 10:04:13 AM



#40
Benzene
Concen: 19.68 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4





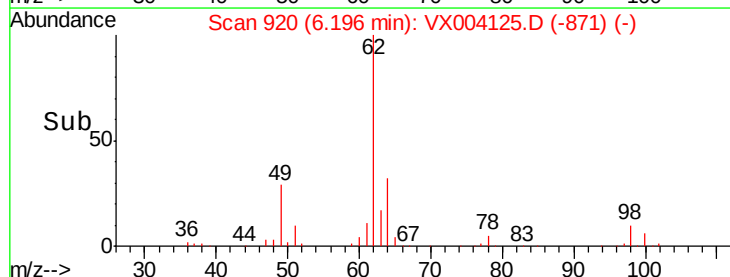
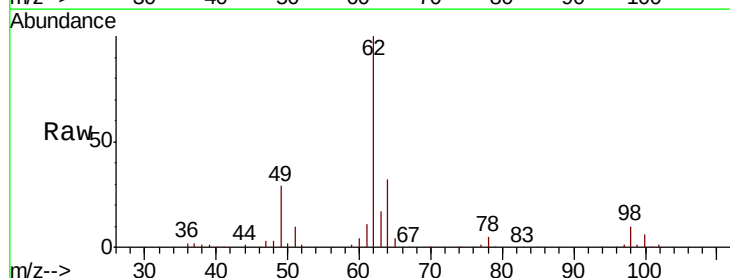
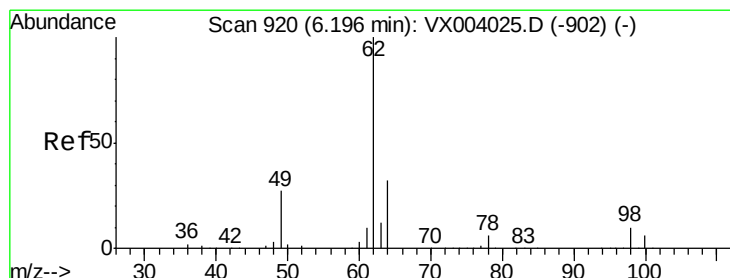
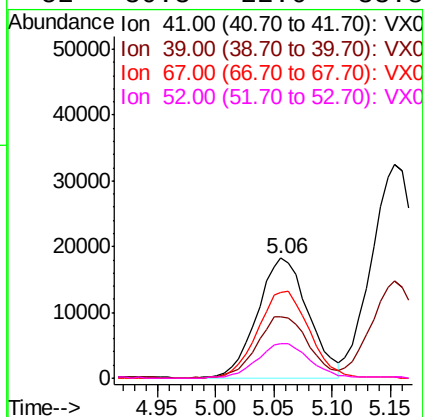
#41
Methacrylonitrile
Concen: 18.58 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.6	42.7	64.1	
67	73.5	58.9	88.3	
52	30.3	22.6	33.8	

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBSD01

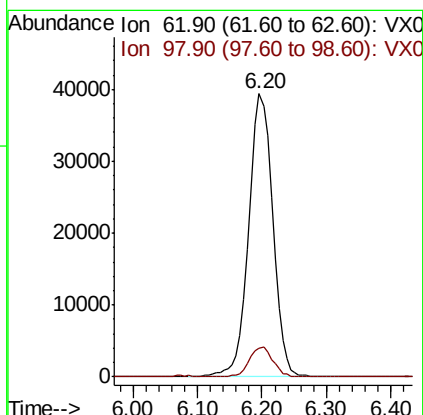
Manual Integrations
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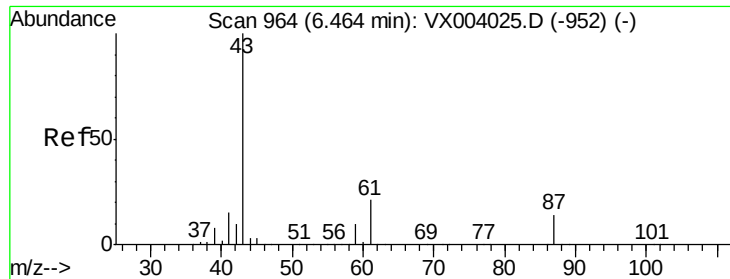
MMDadoda
8/20/2018 10:04:13 AM



#42
1,2-Dichloroethane
Concen: 19.70 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	20.4	





#43

Isopropyl Acetate

Concen: 18.46 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

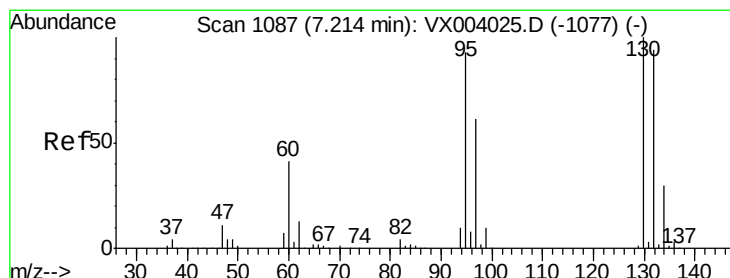
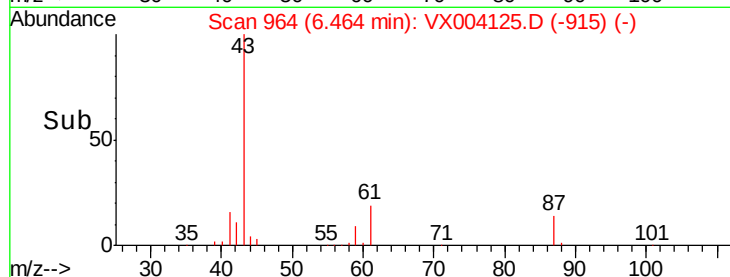
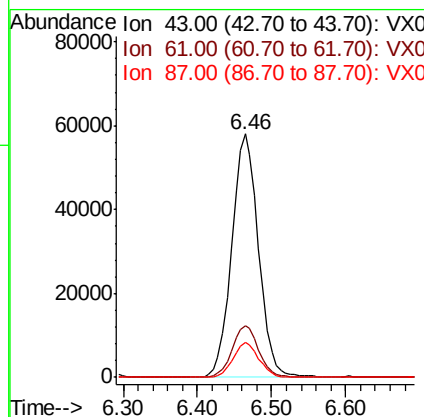
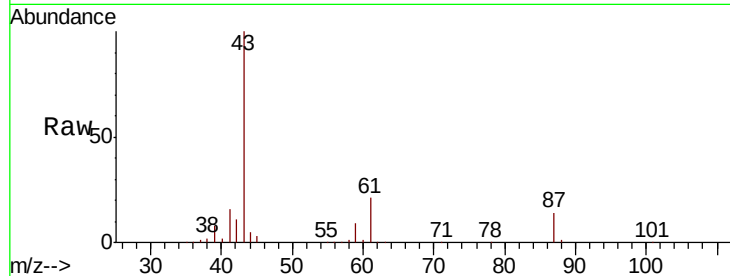
ClientSampleId :

VX0817WBSD01

Tot Ion:	43	Resp:	145004
Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.9	25.3
87	13.9	11.3	16.9

Manual Integrations
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#44

Trichloroethene

Concen: 19.19 ug/l

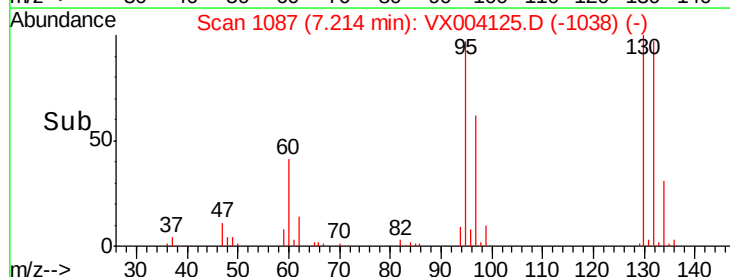
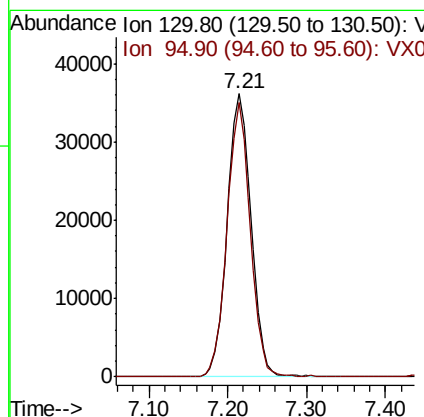
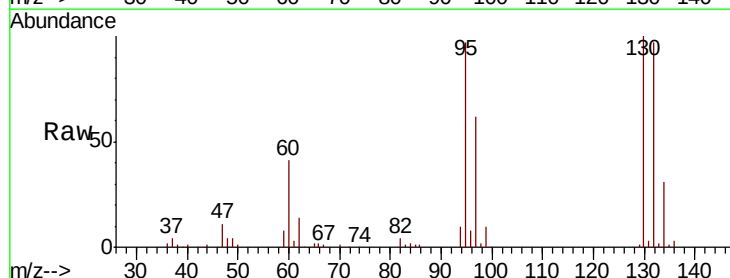
RT: 7.21 min Scan# 1087

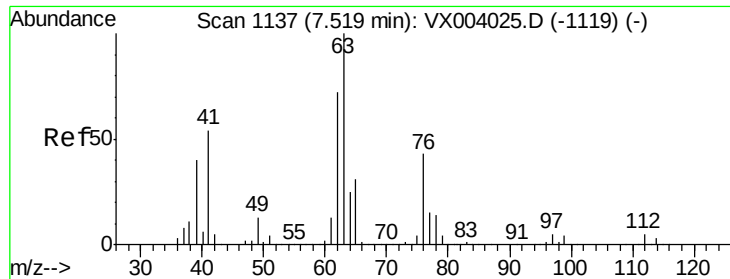
Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Tgt Ion:	130	Resp:	76574
Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	199.4





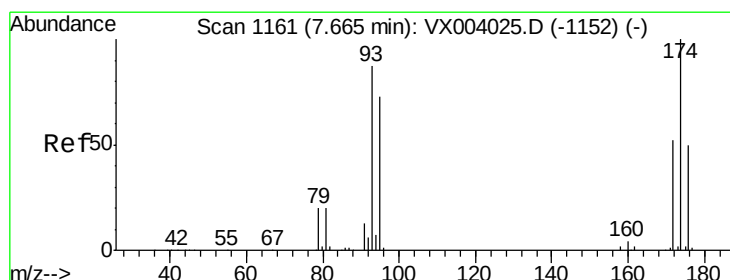
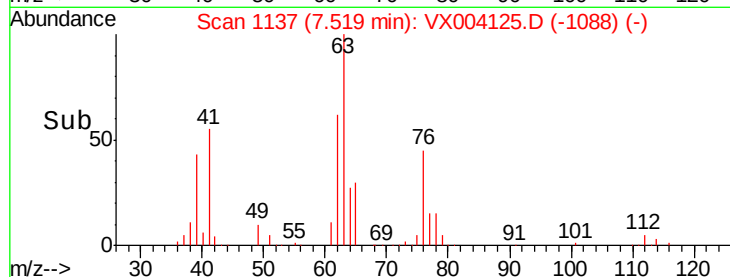
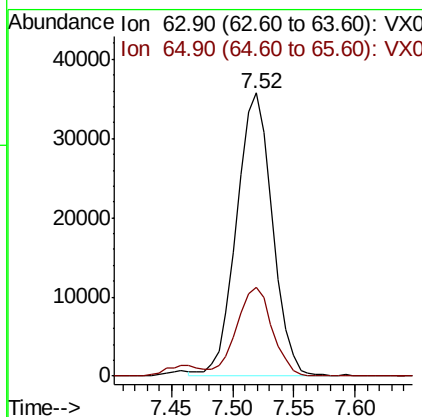
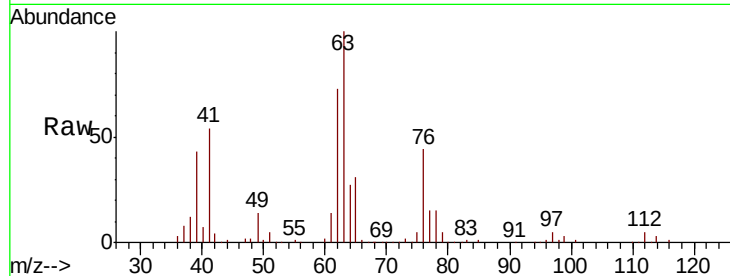
#45
 1,2-Dichloropropane
 Concen: 19.19 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.6	36.8

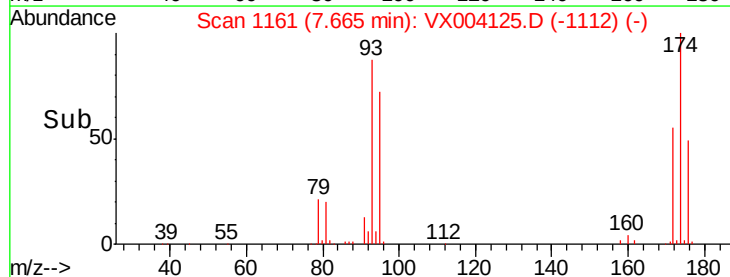
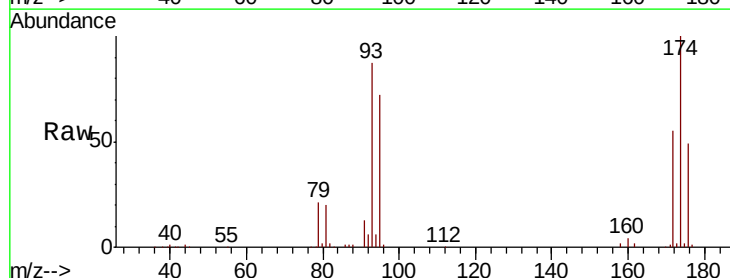
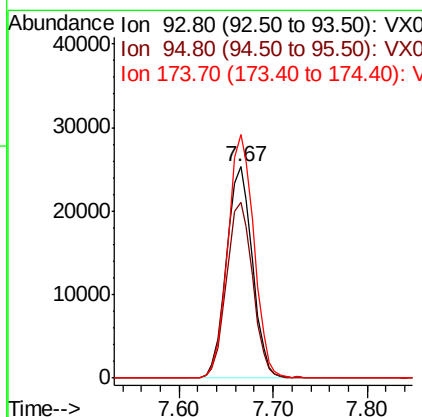
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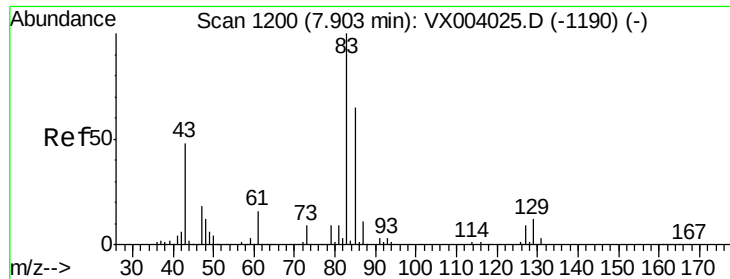
MMDadoda
 8/20/2018 10:04:13 AM



#46
 Dibromomethane
 Concen: 19.74 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	66.4	99.6
174	116.0	94.3	141.5





#47

Bromodichloromethane

Concen: 19.71 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

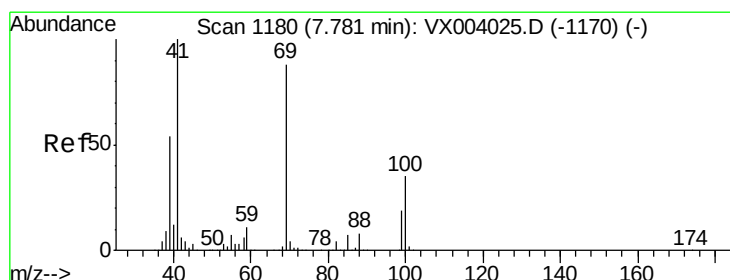
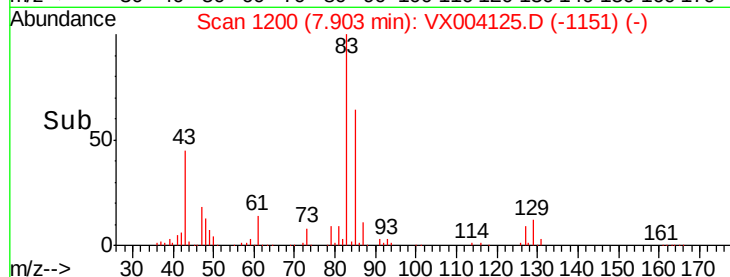
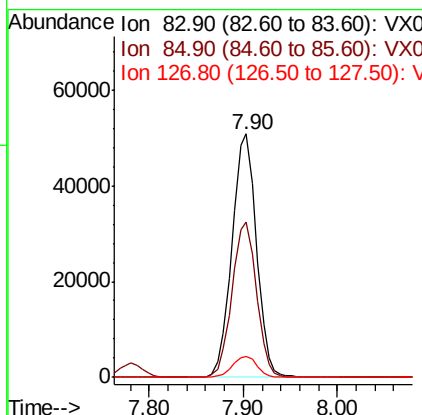
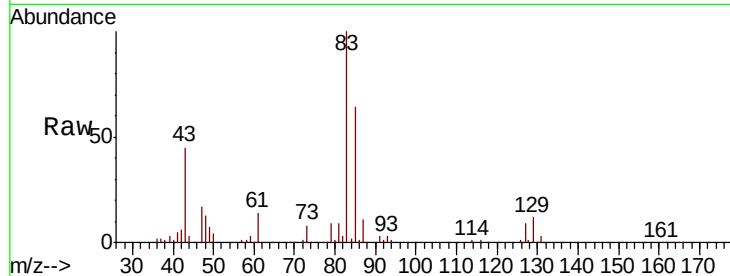
ClientSampleId :

VX0817WBSD01

Tot Ion:	83	Resp:	91758
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.2	76.8
127	8.6	7.2	10.8

Manual Integrations
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MMDadoda
8/20/2018 10:04:13 AM



#48

Methyl methacrylate

Concen: 19.10 ug/l

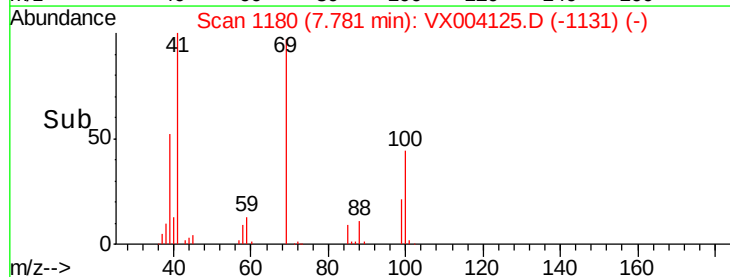
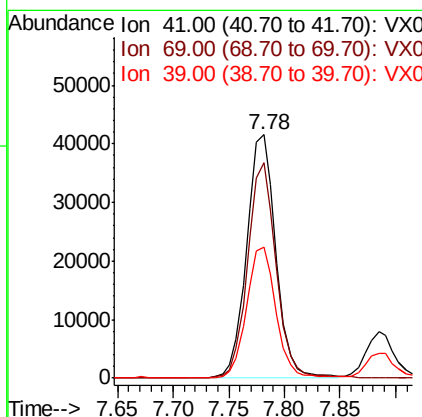
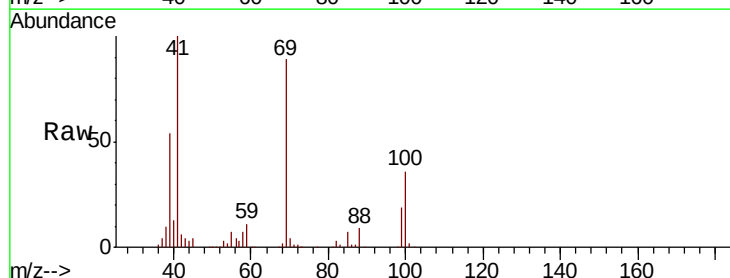
RT: 7.78 min Scan# 1180

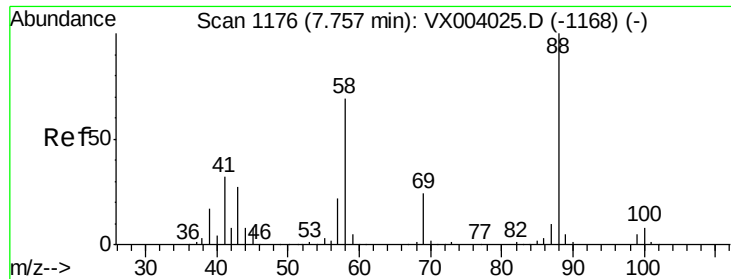
Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Tgt Ion:	41	Resp:	75537
Ion	Ratio	Lower	Upper
41	100		
69	87.3	68.8	103.2
39	54.1	42.3	63.5





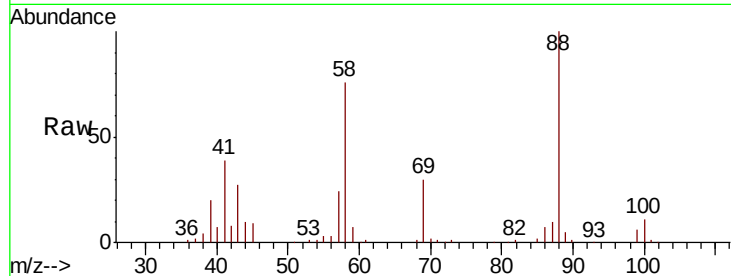
#49
1,4-Dioxane
Concen: 392.71 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.2	23.8	35.8
58	72.4	55.4	83.0

Manual Integrations
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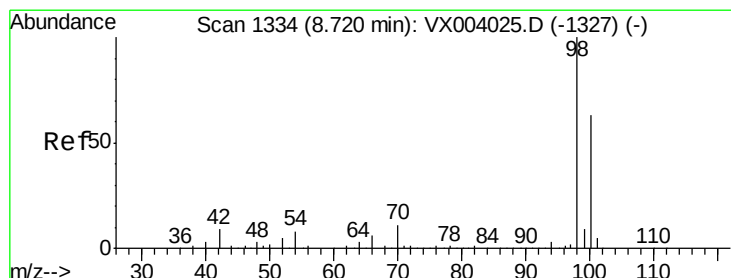
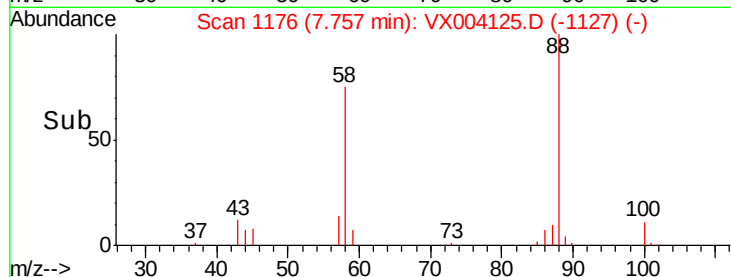
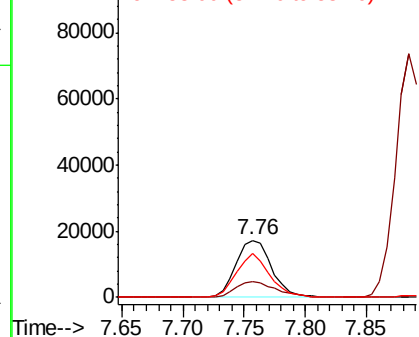


Abundance

Ion 88.00 (87.70 to 88.70): VX0

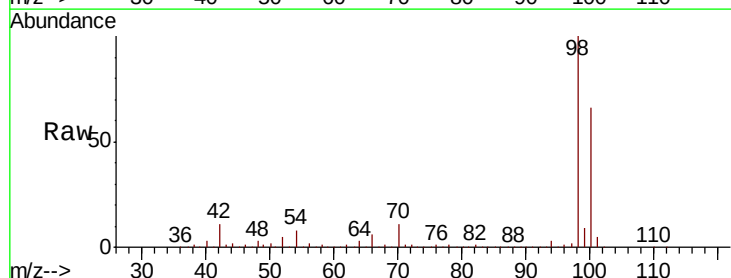
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 51.31 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

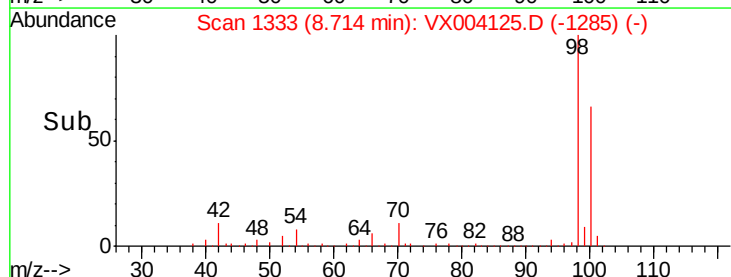
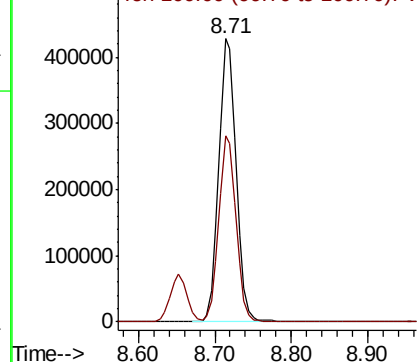
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.3	79.9

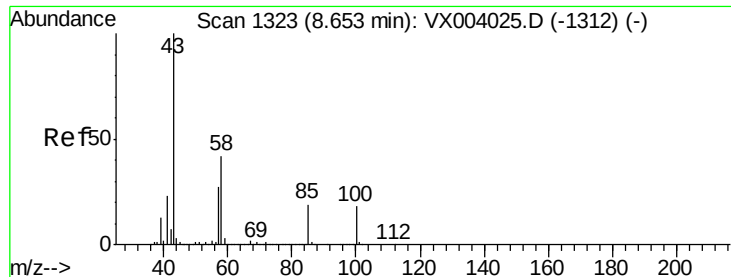


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 101.35 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0817WBSD01

Tot Ion: 43 Resp: 652844

Ion Ratio Lower Upper

43 100

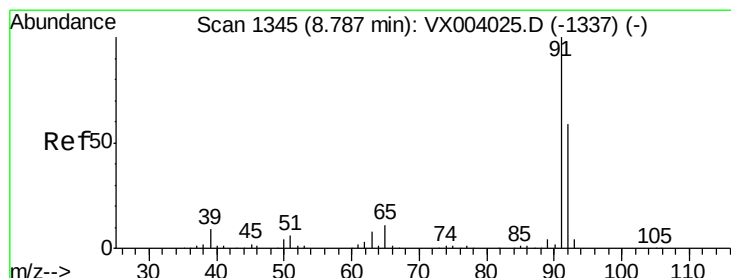
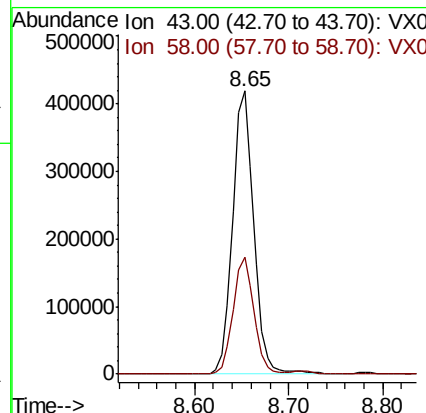
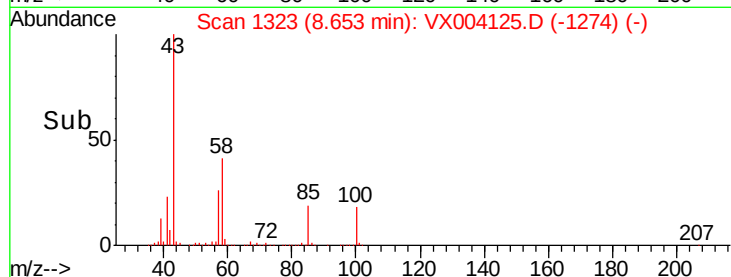
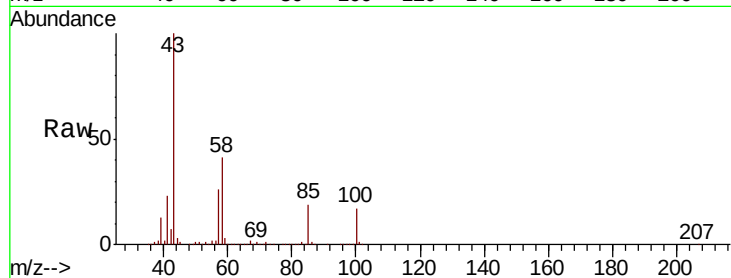
58 40.5 33.0 49.6

Manual Integrations

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#52

Toluene

Concen: 20.04 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004125.D

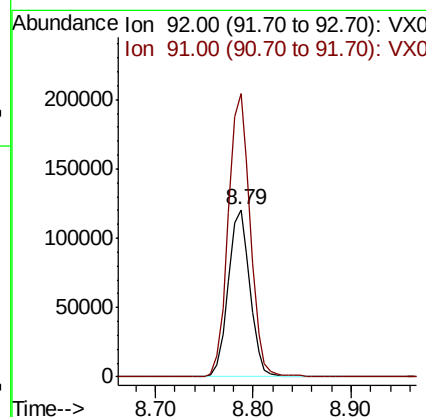
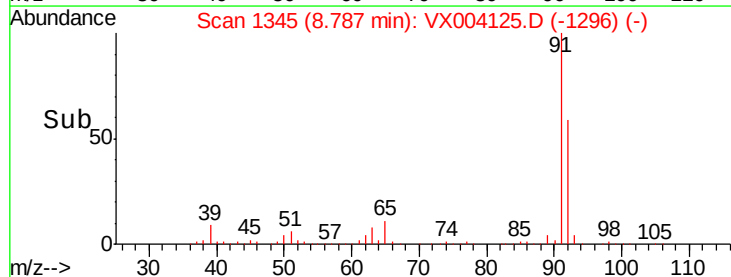
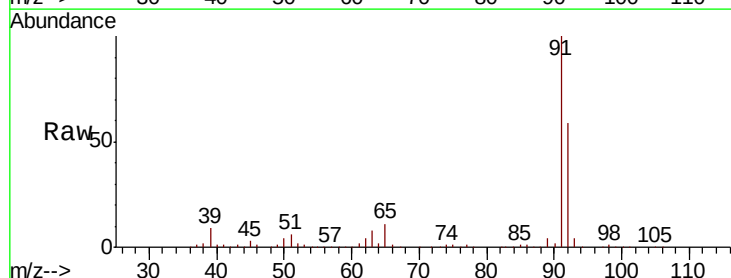
Acq: 17 Aug 2018 12:10

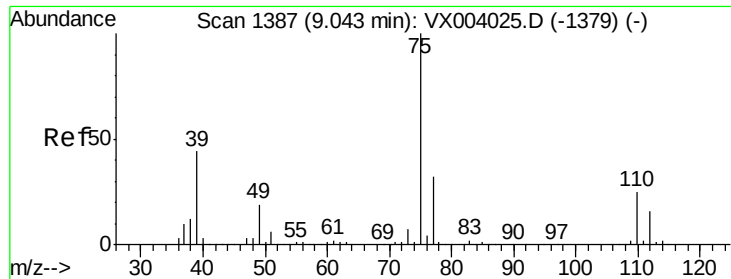
Tgt Ion: 92 Resp: 186255

Ion Ratio Lower Upper

92 100

91 171.1 136.1 204.1





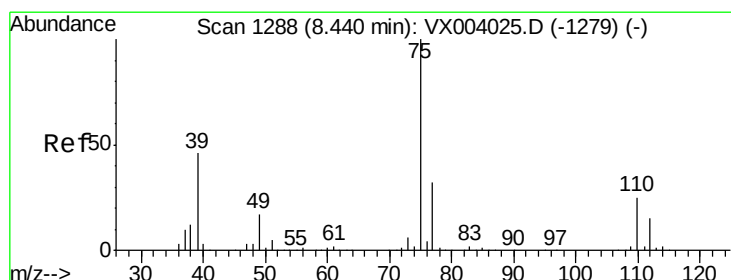
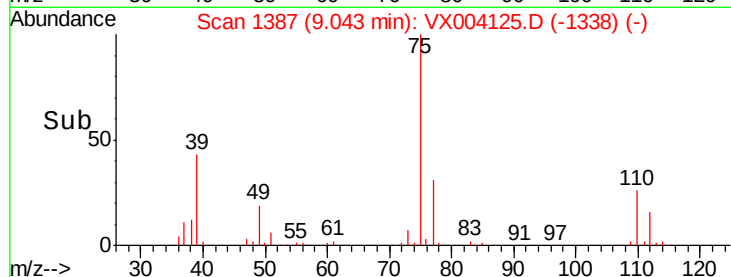
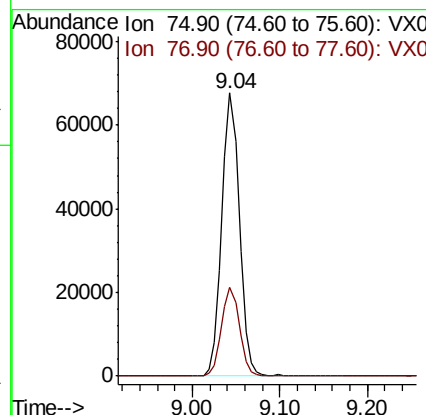
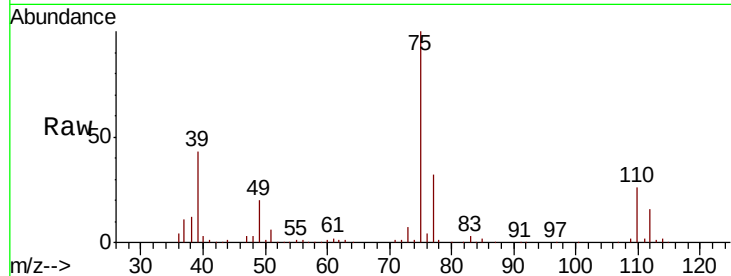
#53
t-1,3-Dichloropropene
Concen: 18.76 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBSD01

Tot Ion: 75 Resp: 94366
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7

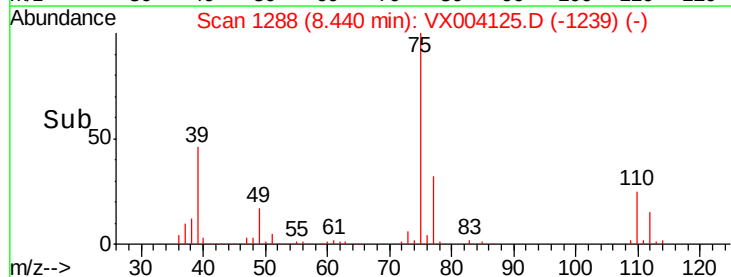
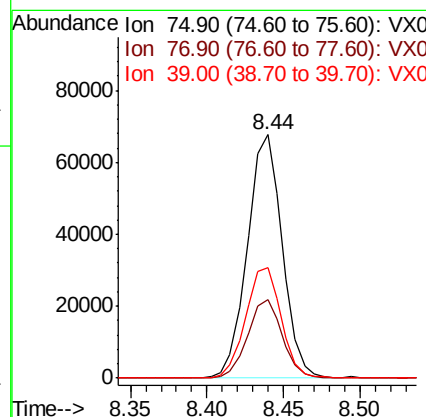
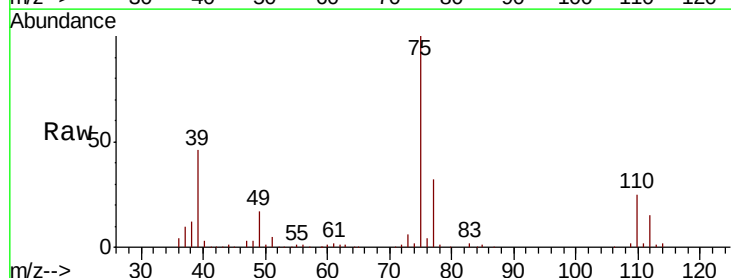
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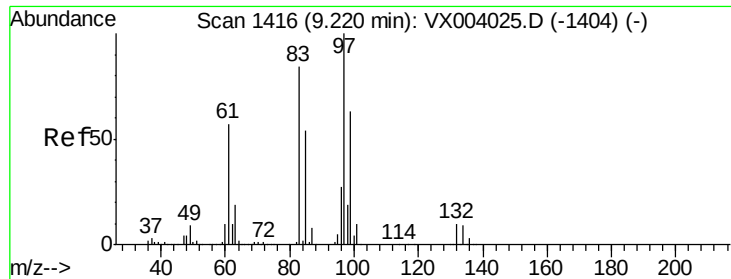
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#54
cis-1,3-Dichloropropene
Concen: 19.21 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion: 75 Resp: 107026
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9
39 45.5 36.2 54.2





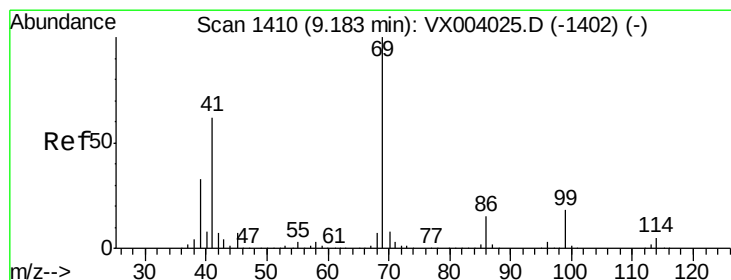
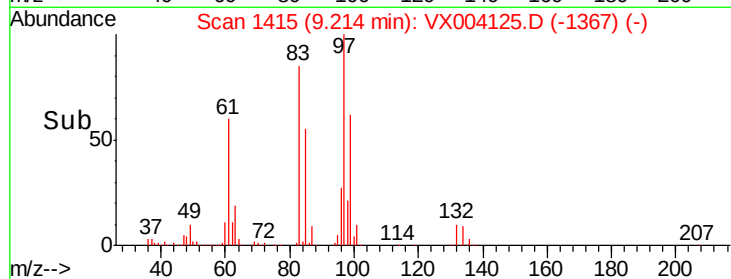
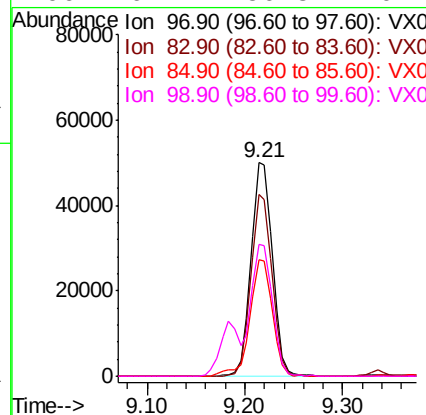
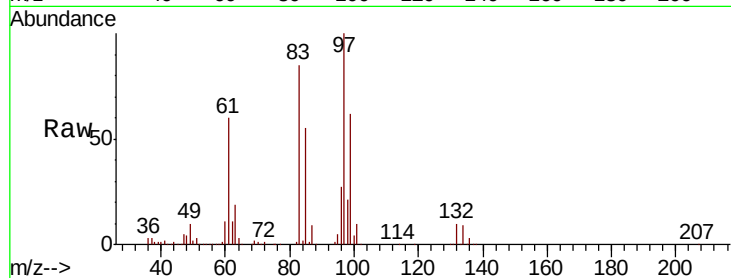
#55
 1,1,2-Trichloroethane
 Concen: 19.82 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBSD01

Tot Ion	97	Resp	76070
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.8	101.6
85	54.8	44.2	66.2
99	61.7	50.8	76.2

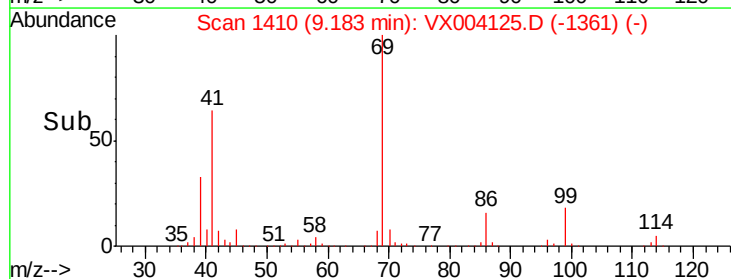
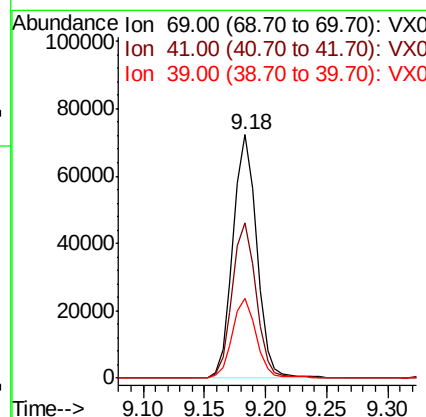
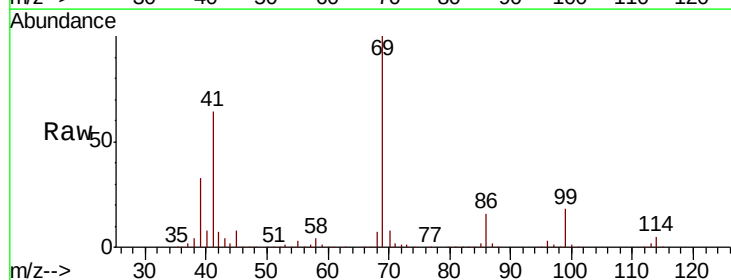
Manual Integrations
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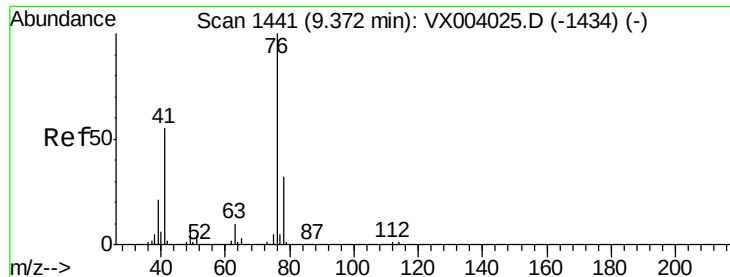
MMDadoda
 8/20/2018 10:04:13 AM



#56
 Ethyl methacrylate
 Concen: 18.69 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Tgt Ion	69	Resp	97545
Ion	Ratio	Lower	Upper
69	100		
41	64.2	50.6	76.0
39	33.0	25.8	38.6





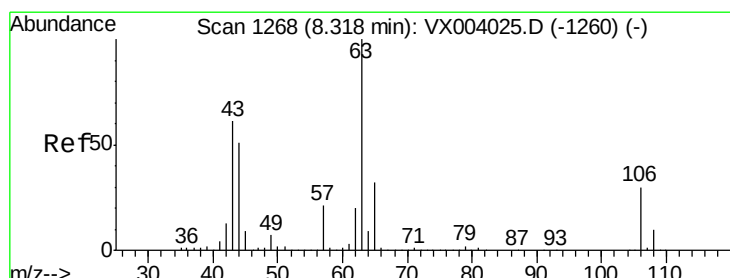
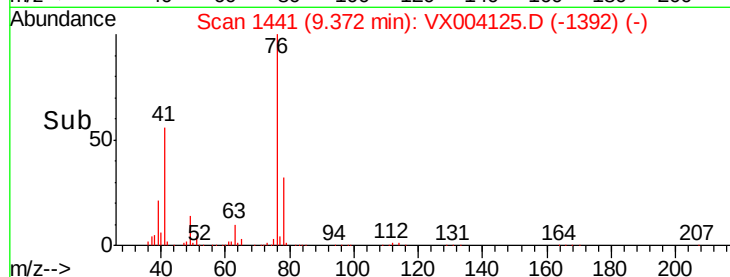
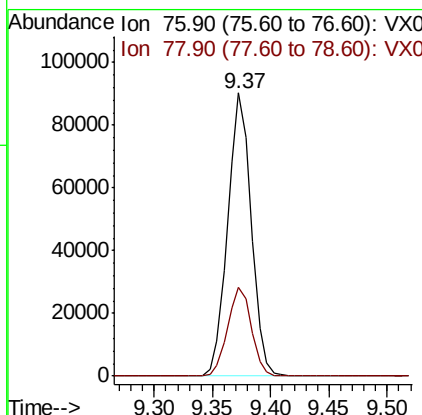
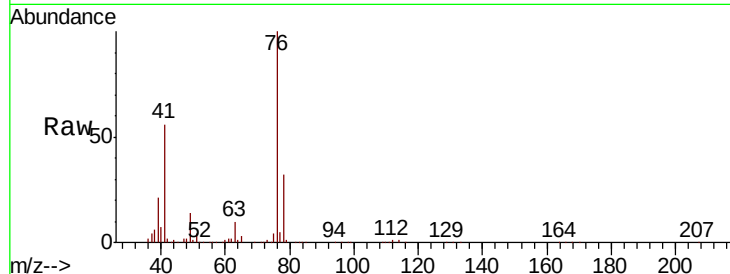
#57
 1,3-Dichloropropane
 Concen: 19.90 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.9	38.9

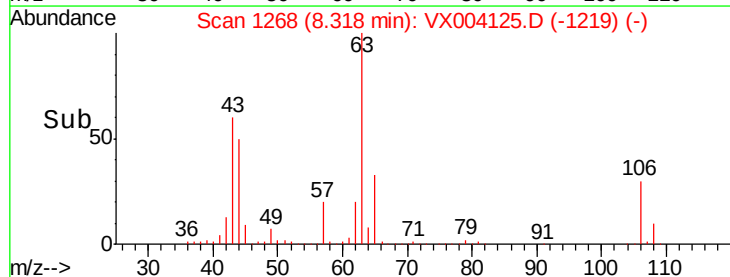
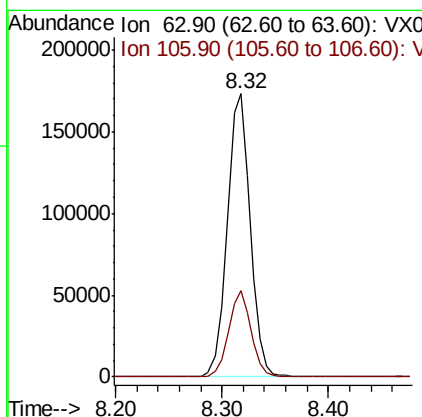
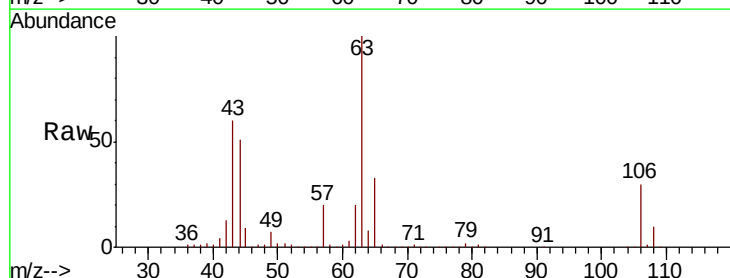
Manual Integrations
 APPROVED

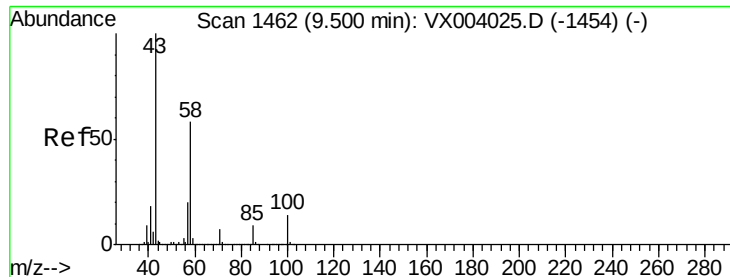
MMDadoda
 8/20/2018 10:04:13 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.23 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.8	35.8





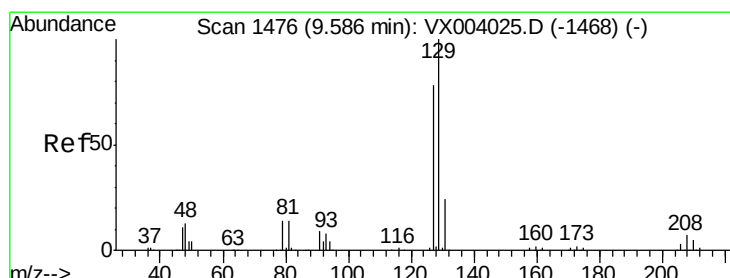
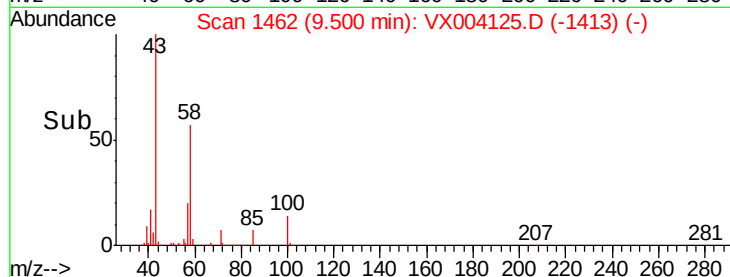
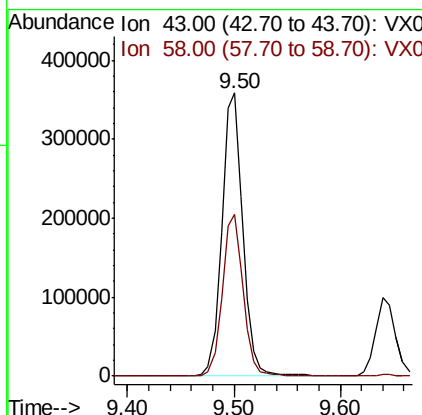
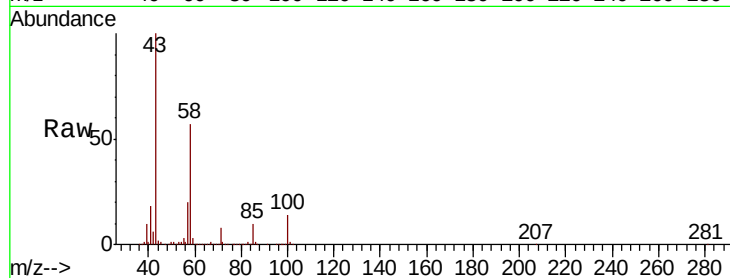
#59
2-Hexanone
Concen: 101.31 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.9	29.0	87.0

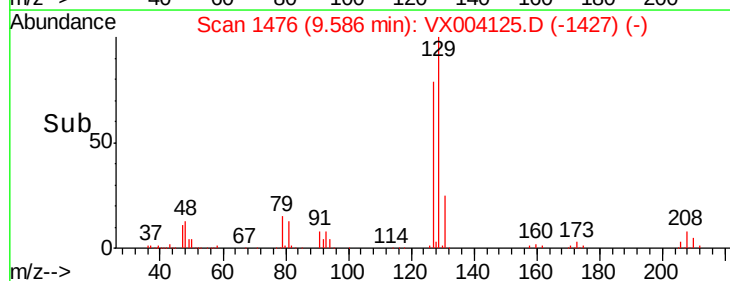
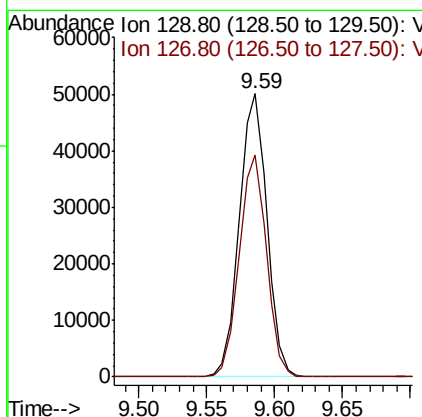
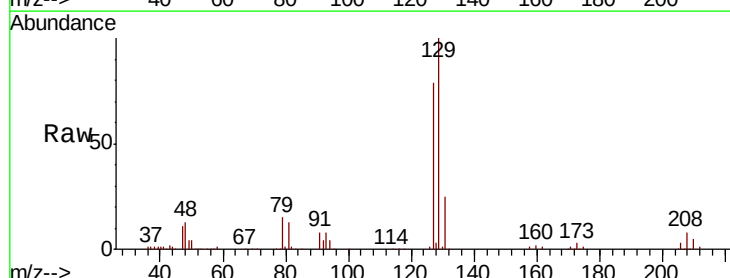
Manual Integrations
APPROVED

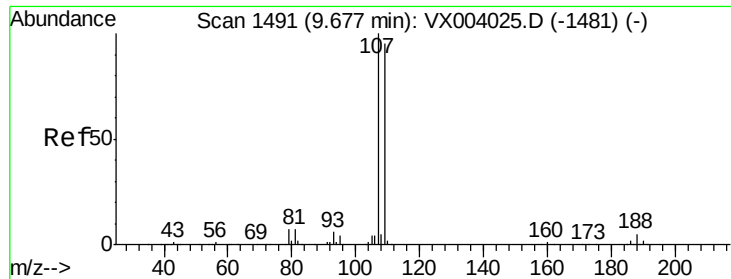
MMDadoda
8/20/2018 10:04:13 AM



#60
Dibromochloromethane
Concen: 19.23 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.8	116.3





#61

1,2-Dibromoethane

Concen: 19.91 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0817WBSD01

Tot Ion:107 Resp: 77895

Ion Ratio Lower Upper

107 100

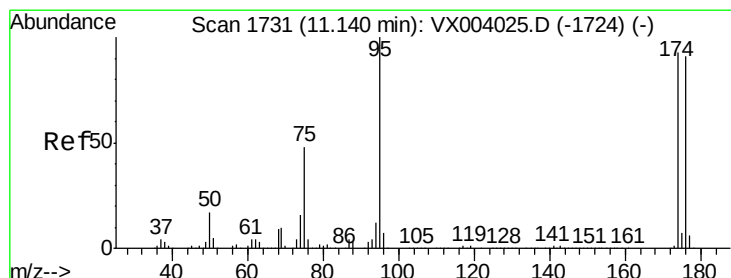
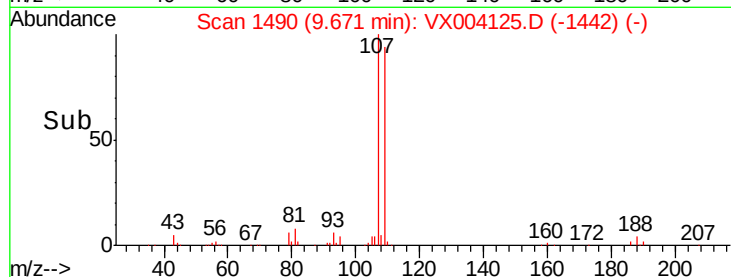
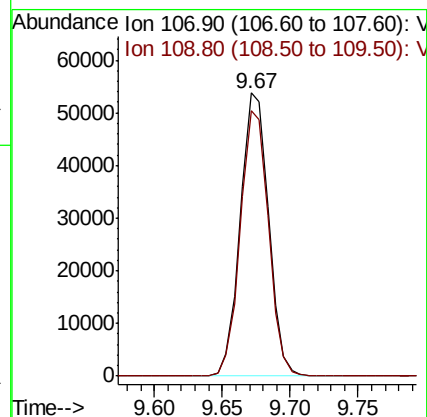
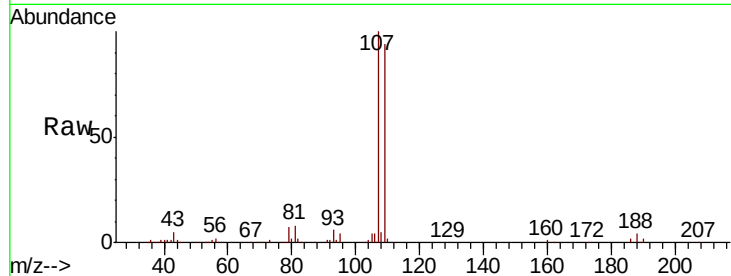
109 93.8 75.8 113.8

Manual Integrations

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MMDadoda

8/20/2018 10:04:13 AM



#62

4-Bromofluorobenzene

Concen: 46.22 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

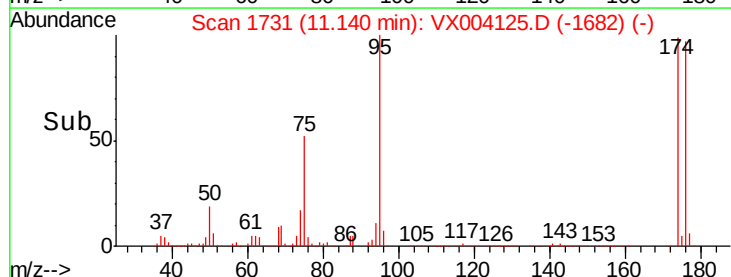
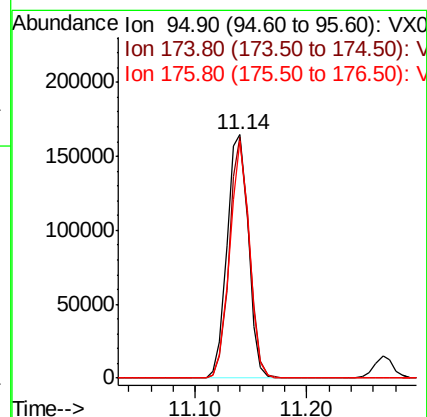
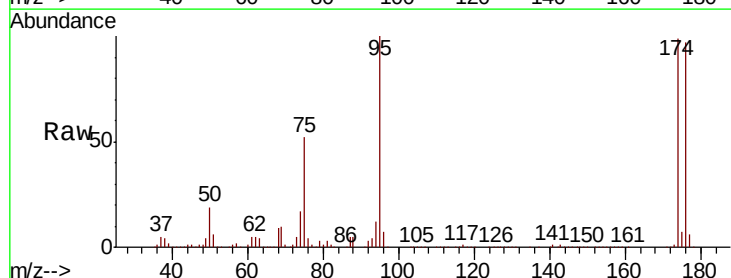
Tgt Ion: 95 Resp: 218782

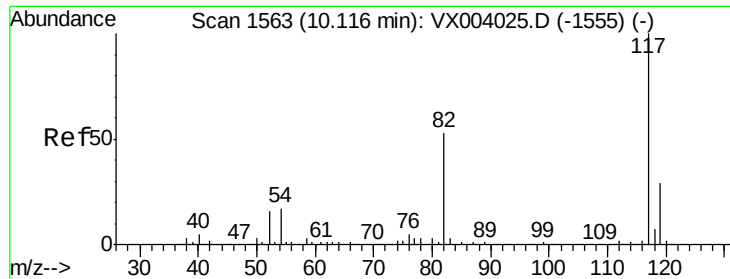
Ion Ratio Lower Upper

95 100

174 91.8 0.0 182.8

176 89.4 0.0 179.0





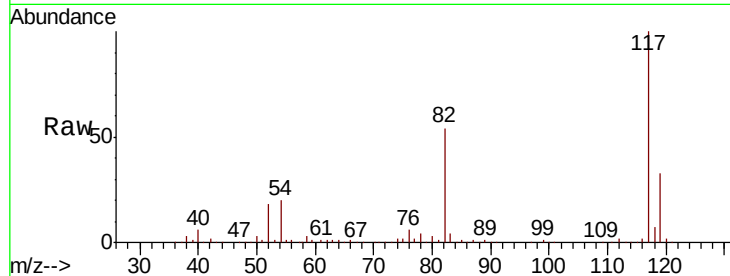
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	45.4	68.0
119	33.3	26.6	40.0

Manual Integrations
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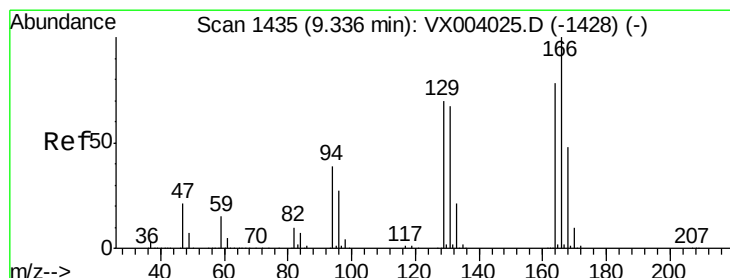
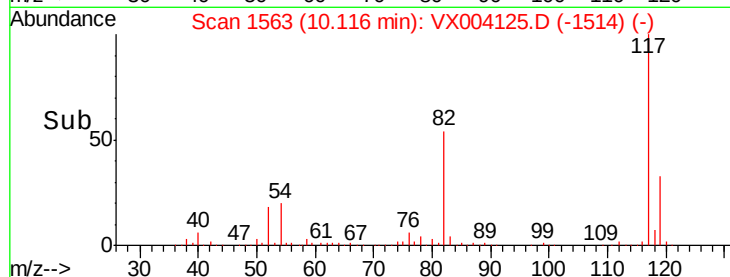
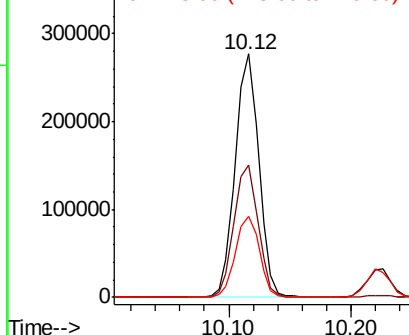


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.48 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.7	98.0	147.0
129	87.5	64.3	96.5
131	85.9	66.8	100.2

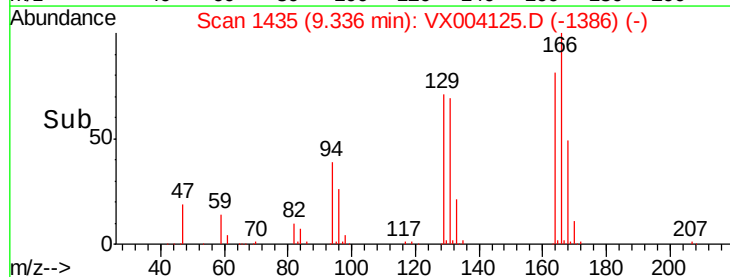
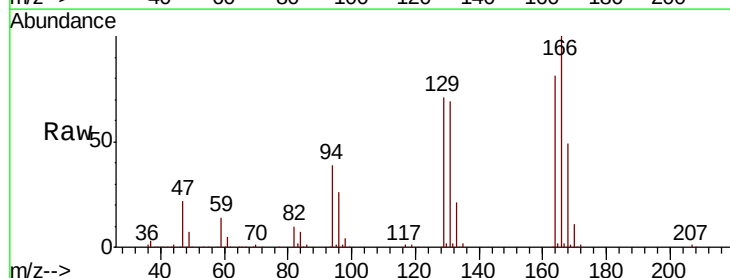
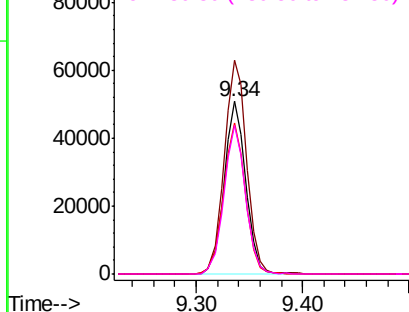
Abundance

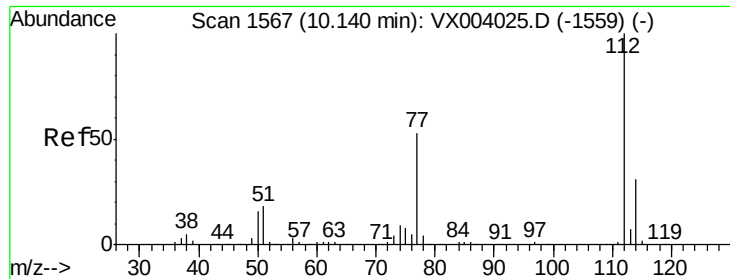
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





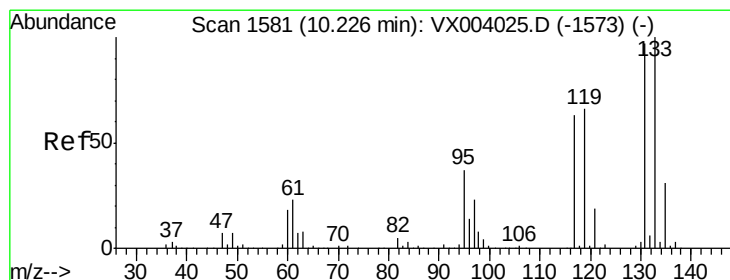
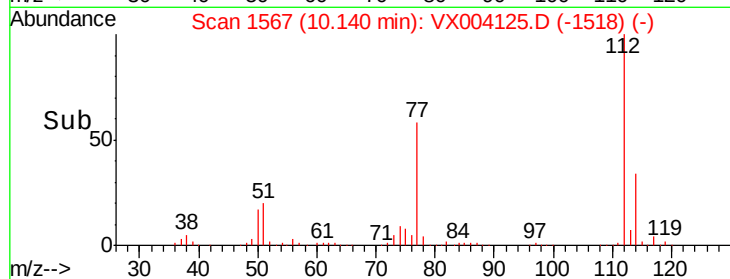
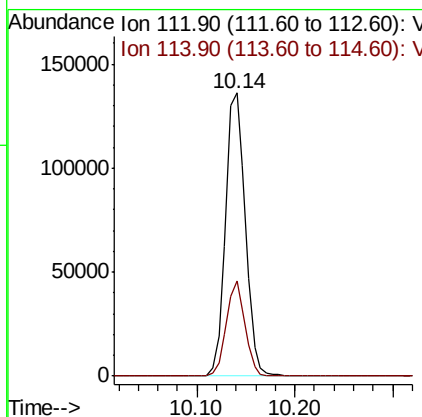
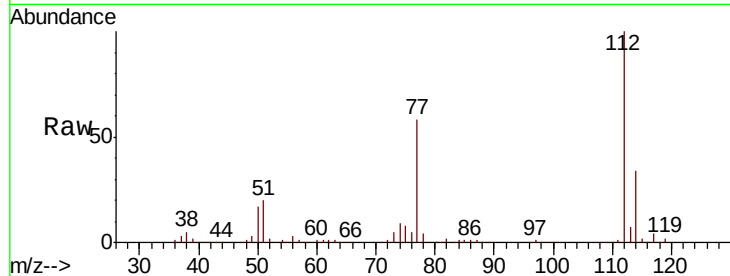
#65
Chlorobenzene
Concen: 20.06 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.6	23.6	35.4

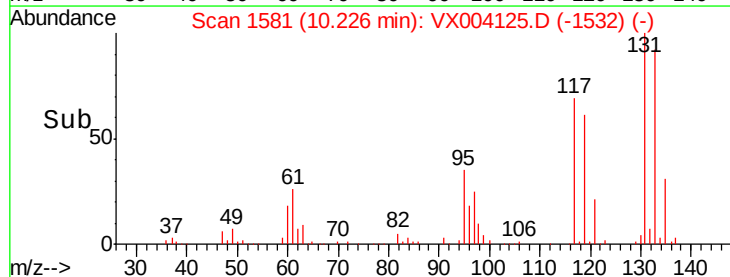
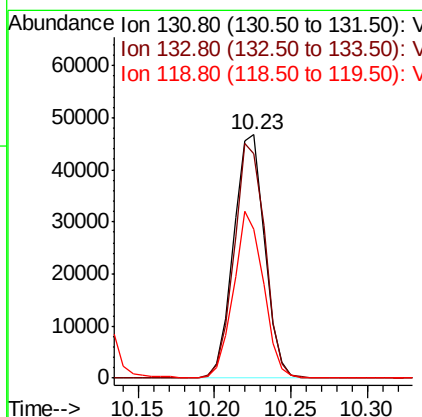
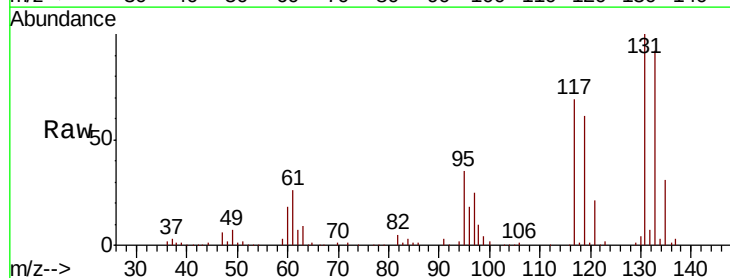
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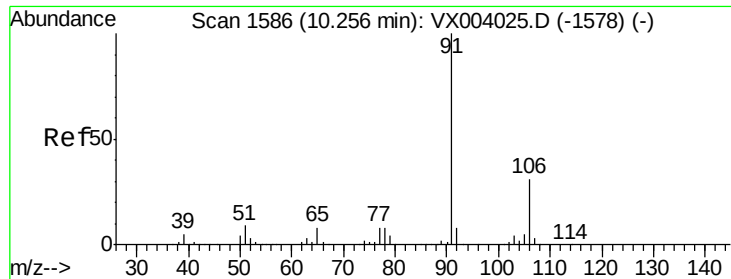
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.12 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.3	141.8
119	65.8	31.6	94.8





#67

Ethyl Benzene

Concen: 21.00 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0817WBSD01

Tot Ion: 91 Resp: 318044

Ion Ratio Lower Upper

91 100

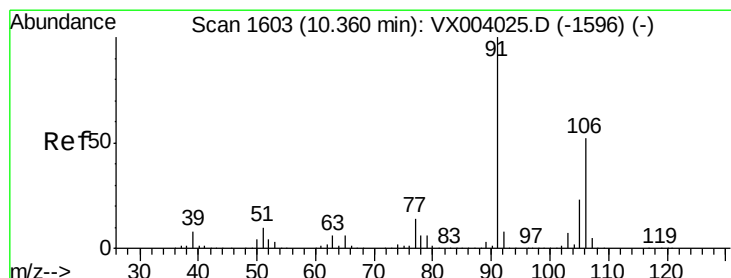
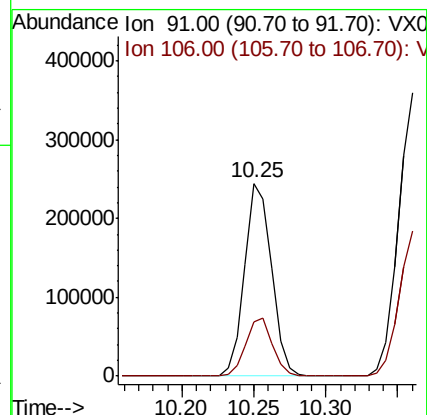
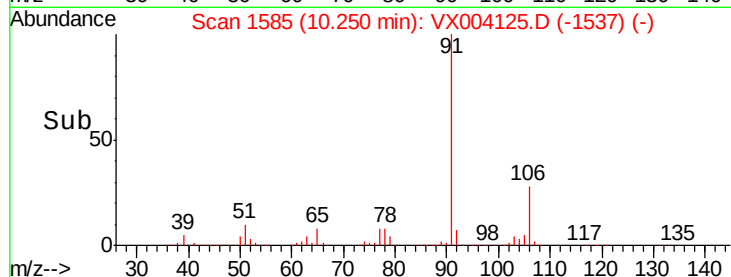
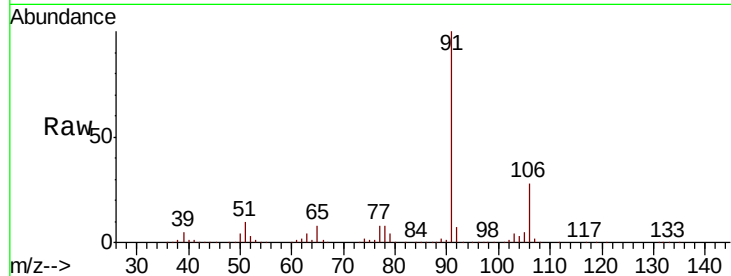
106 28.0 25.9 38.9

Manual Integrations

APPROVED

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#68

m/p-Xylenes

Concen: 40.37 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004125.D

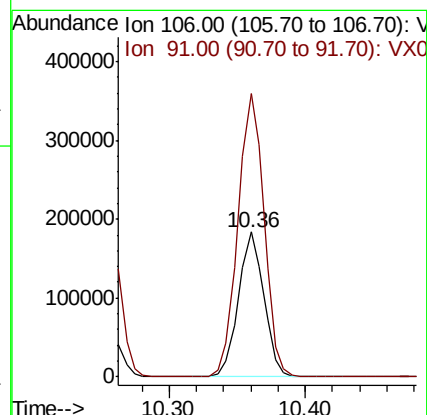
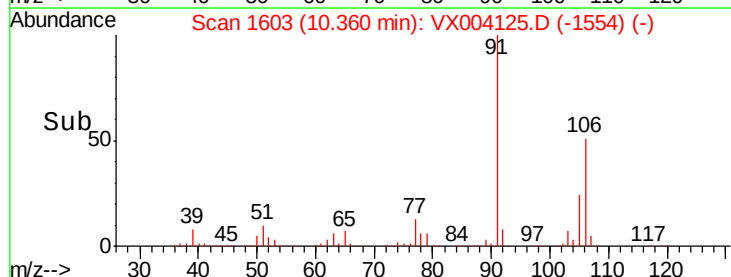
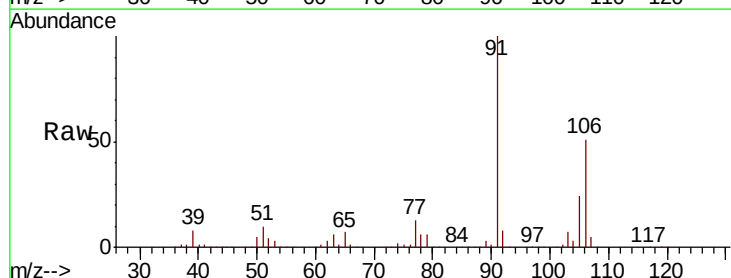
Acq: 17 Aug 2018 12:10

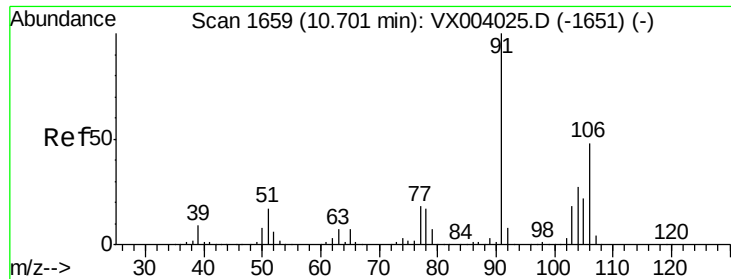
Tgt Ion:106 Resp: 239466

Ion Ratio Lower Upper

106 100

91 201.2 162.3 243.5





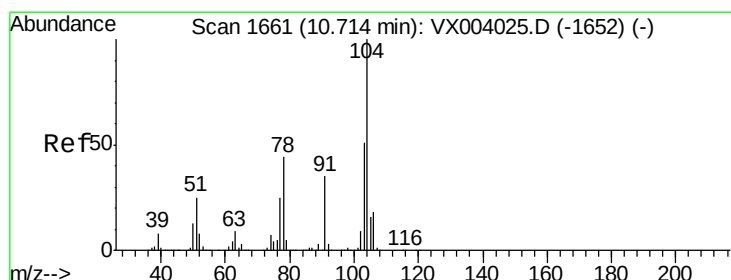
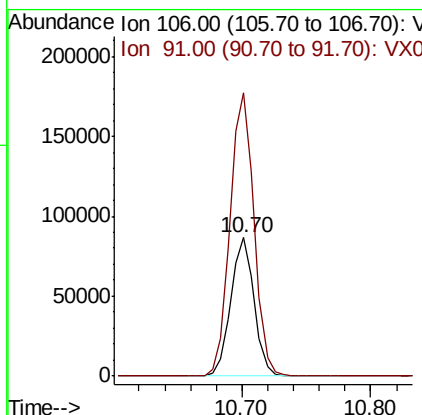
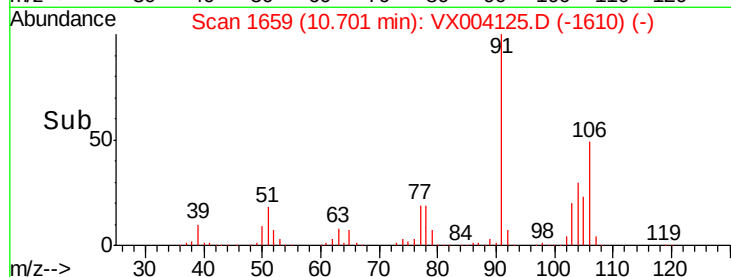
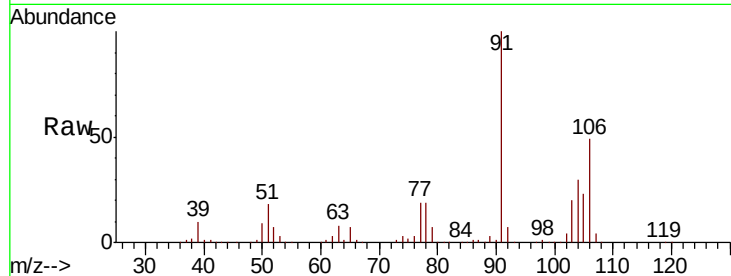
#69
o-Xylene
Concen: 19.44 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		110222		
91	210.8	101.9	305.7		

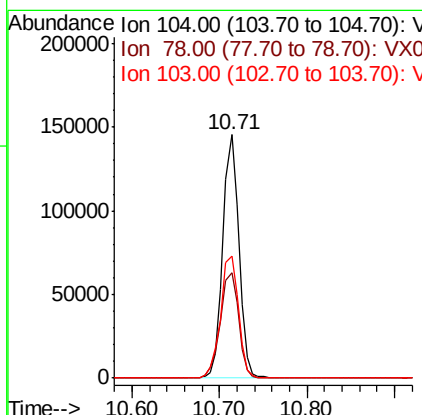
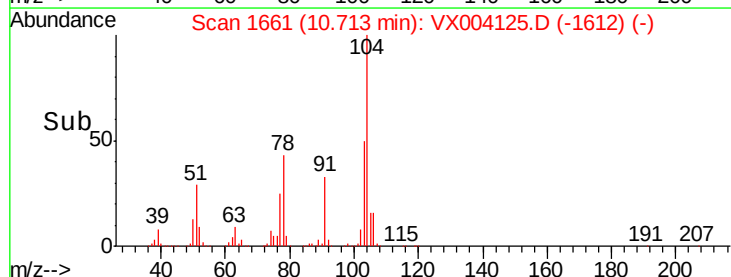
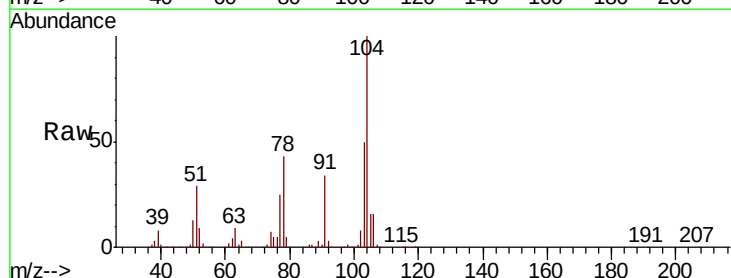
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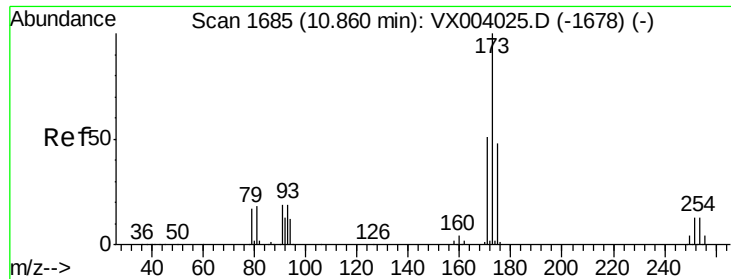
MMDadoda
8/20/2018 10:04:13 AM



#70
Styrene
Concen: 19.33 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		184470		
78	49.8	39.8	59.6		
103	55.8	44.3	66.5		





#71

Bromoform

Concen: 19.14 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

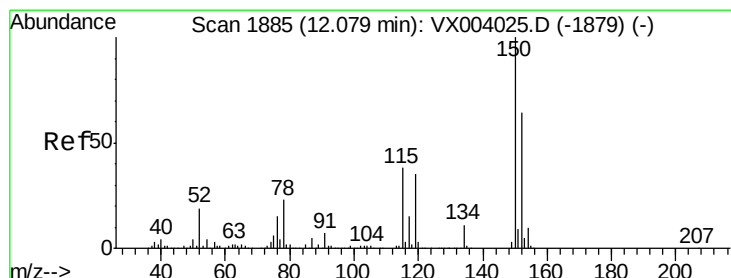
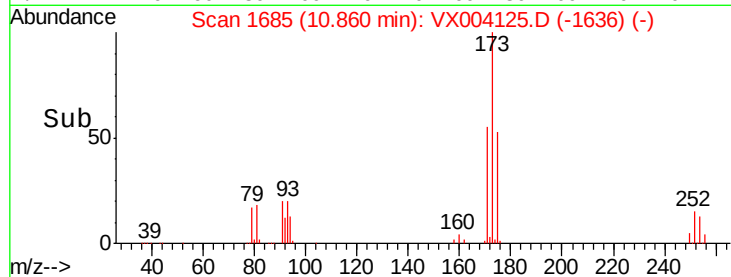
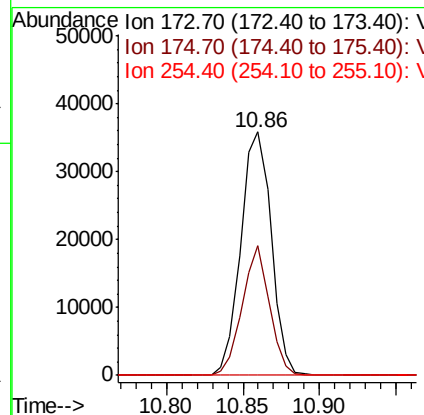
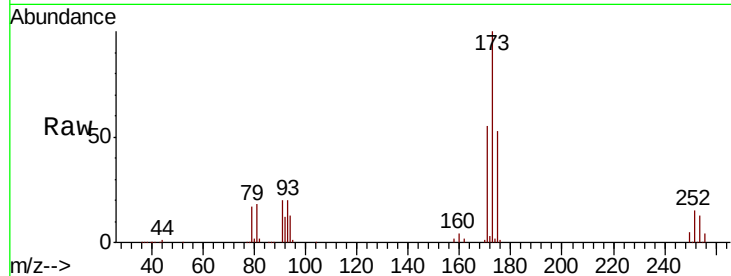
ClientSampleId :

VX0817WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.9	74.7
254	0.1	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

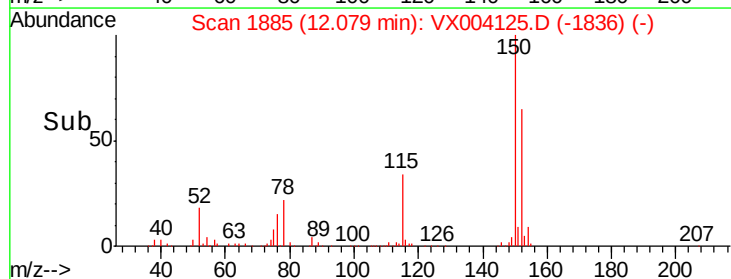
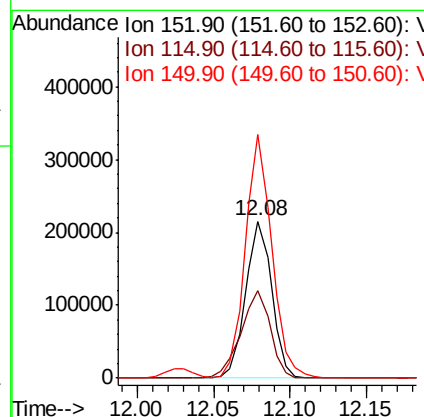
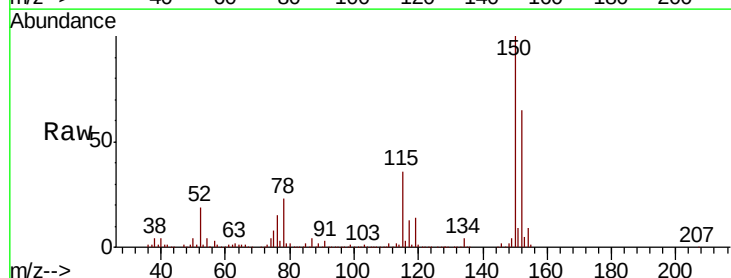
RT: 12.08 min Scan# 1885

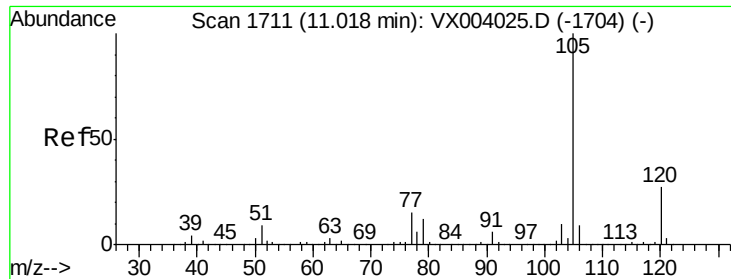
Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	39.1	117.3
150	157.6	0.0	349.2





#73

Isopropylbenzene

Concen: 19.07 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0817WBSD01

Tot Ion: 105 Resp: 327598

Ion Ratio Lower Upper

105 100

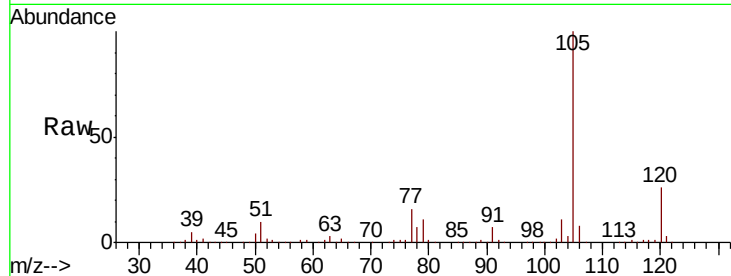
120 25.6 12.6 37.8

Manual Integrations

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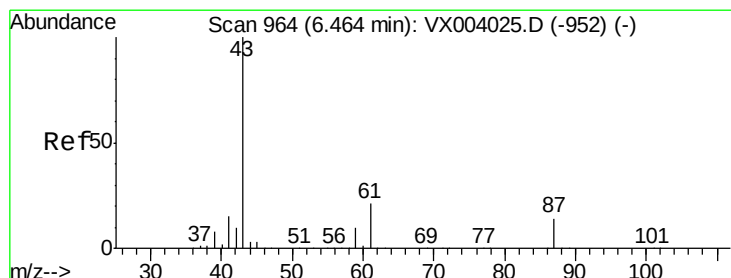
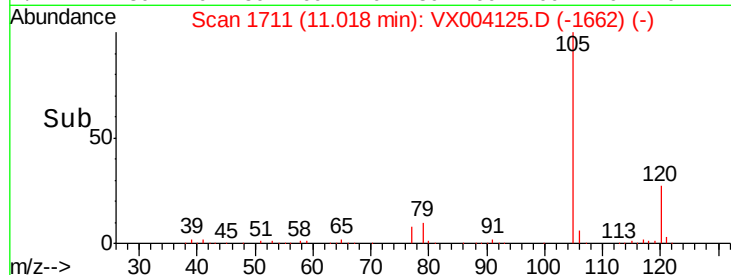
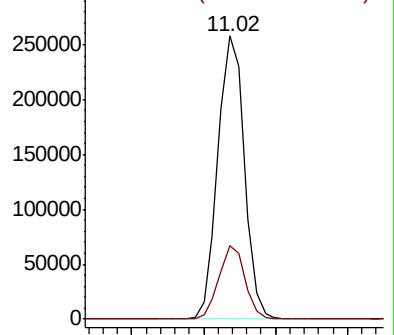
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.94 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Tgt Ion: 43 Resp: 145004

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

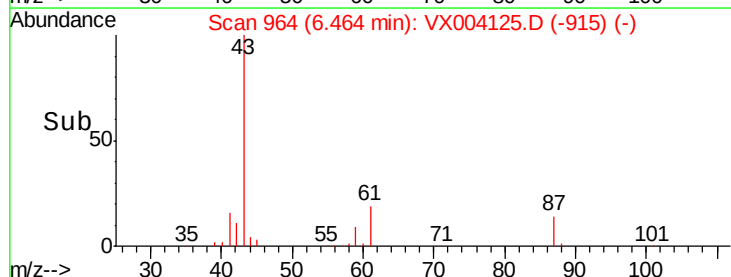
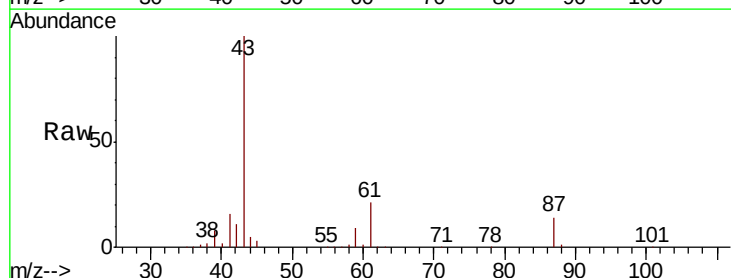
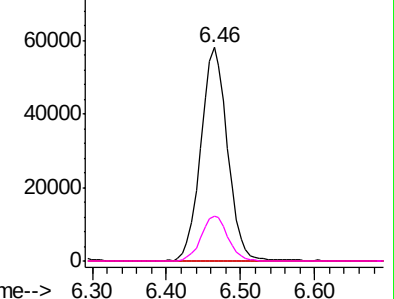
61 21.1 16.9 25.3

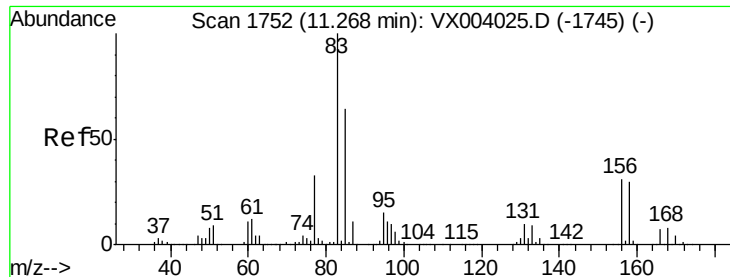
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.80 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

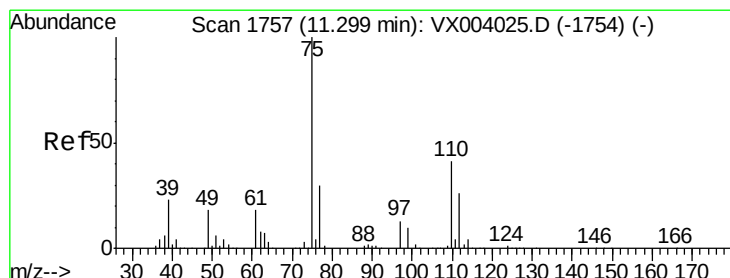
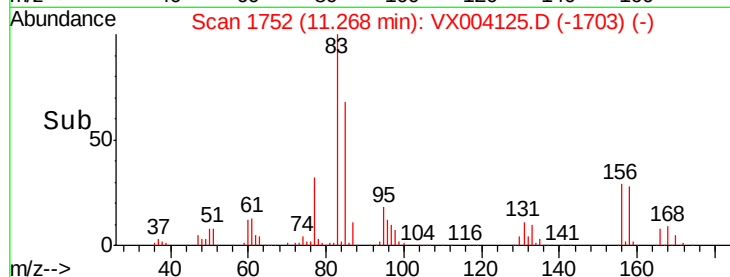
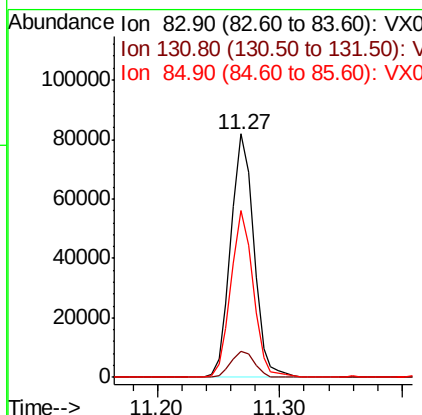
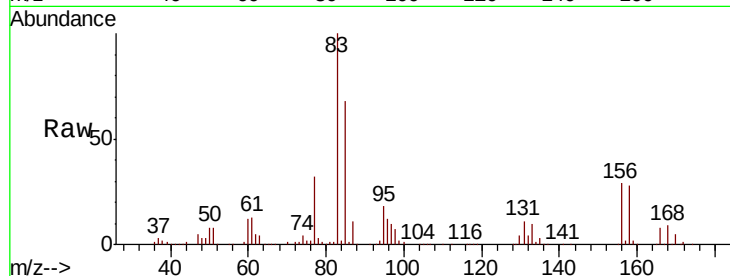
ClientSampleId :

VX0817WBSD01

Tot Ion:	83	Resp:	106779
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.2	15.6
85	66.7	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.00 ug/l m

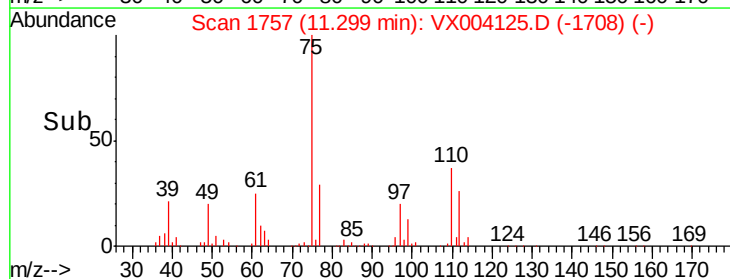
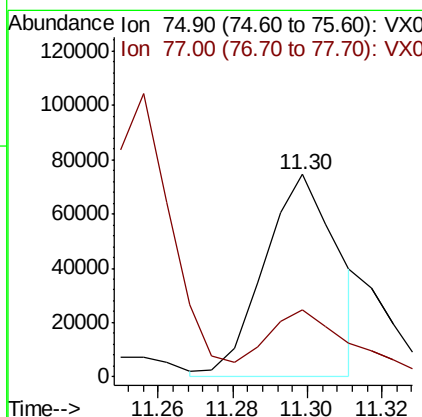
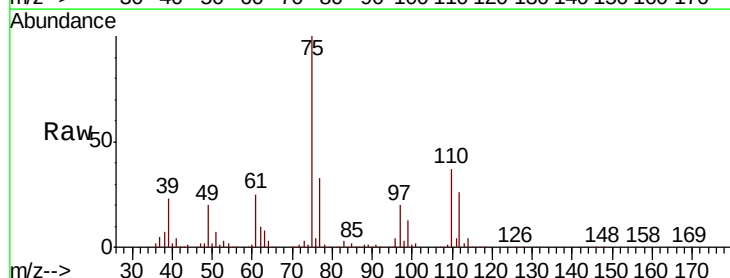
RT: 11.30 min Scan# 1757

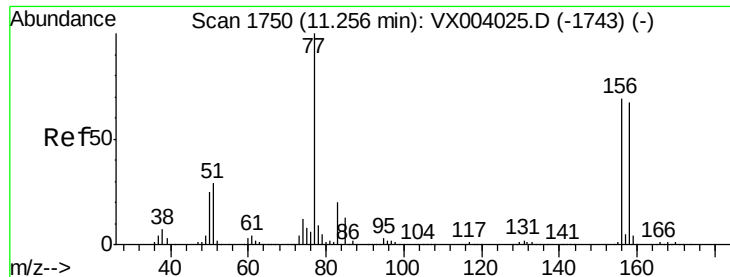
Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Tgt Ion:	75	Resp:	101813
Ion Ratio	Lower	Upper	
75	100		
77	37.9	20.8	62.5





#77

Bromobenzene

Concen: 18.74 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0817WBSD01

Tot Ion:156 Resp: 88737

Ion Ratio Lower Upper

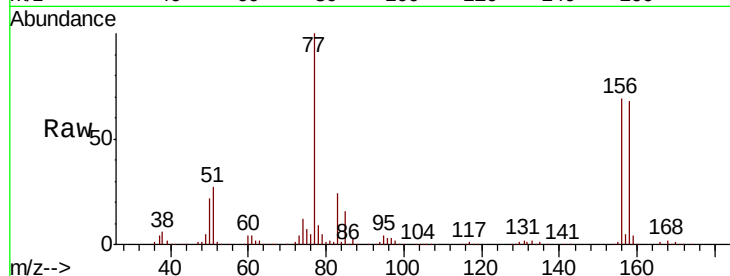
156 100

77 146.8 74.1 222.2

158 99.2 48.6 145.9

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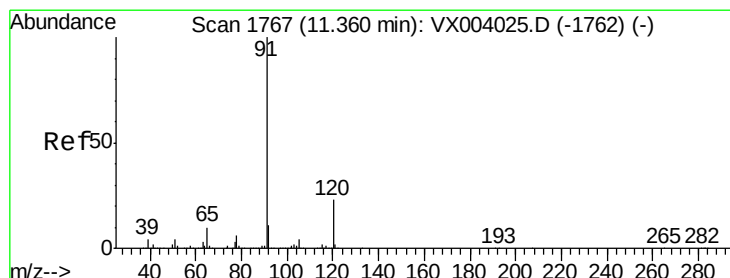
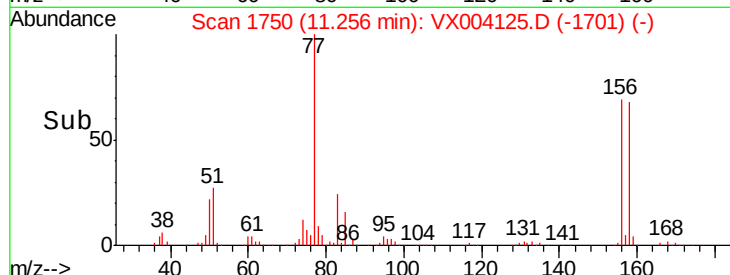
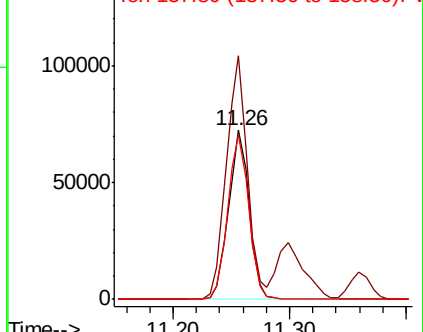
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.26 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004125.D

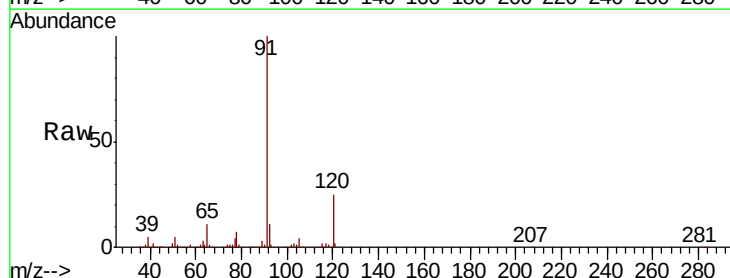
Acq: 17 Aug 2018 12:10

Tgt Ion: 91 Resp: 370251

Ion Ratio Lower Upper

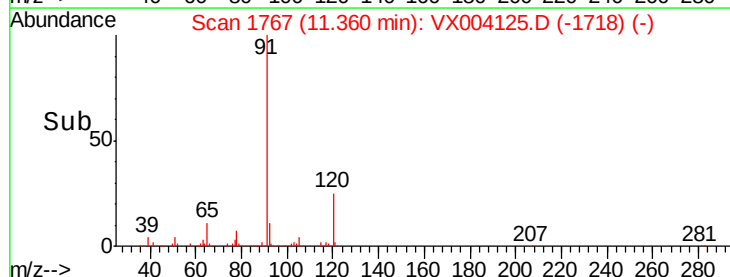
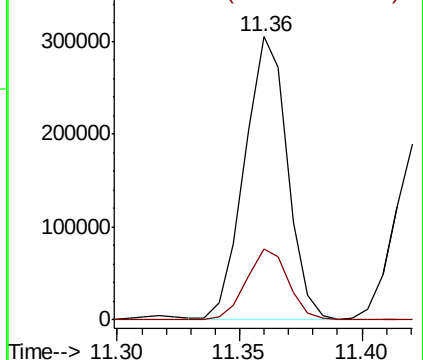
91 100

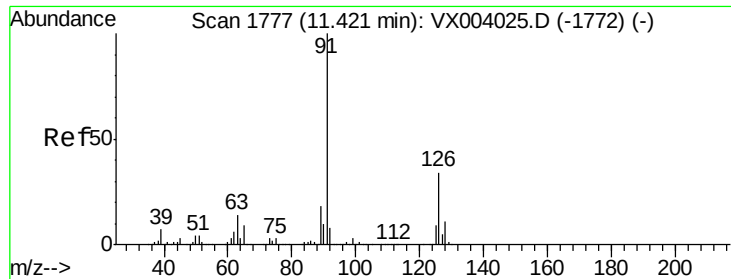
120 24.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.23 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0817WBSD01

Tot Ion: 91 Resp: 225319

Ion Ratio Lower Upper

91 100

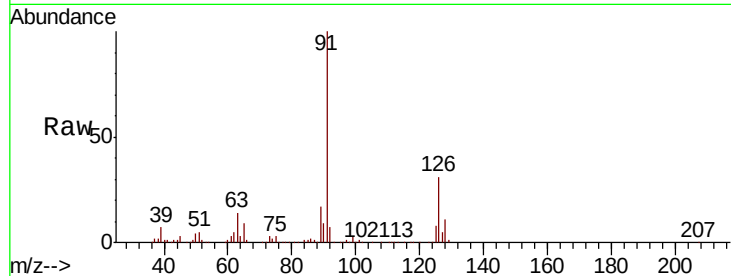
126 35.3 17.4 52.3

Manual Integrations

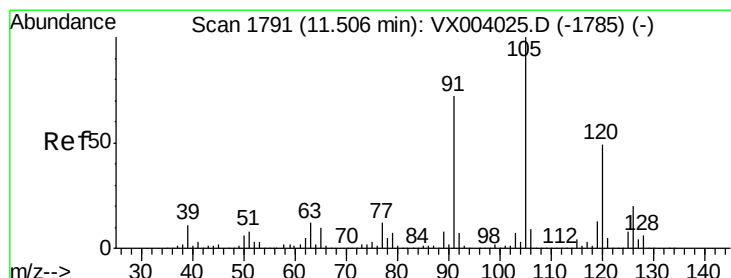
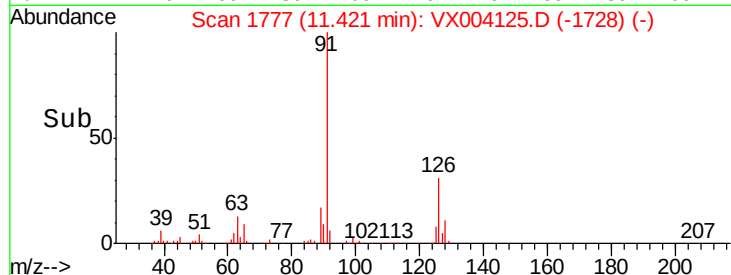
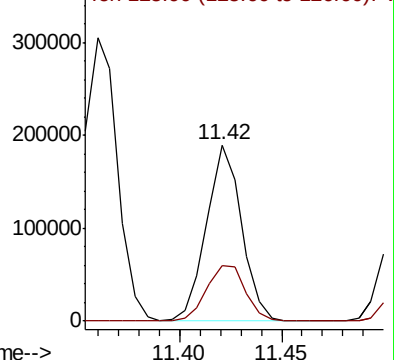
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Abundance Ion 91.00 (90.70 to 91.70): VX004125.D (-1772) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.87 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004125.D

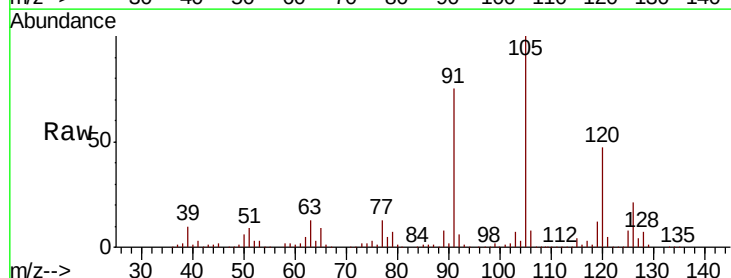
Acq: 17 Aug 2018 12:10

Tgt Ion: 105 Resp: 279564

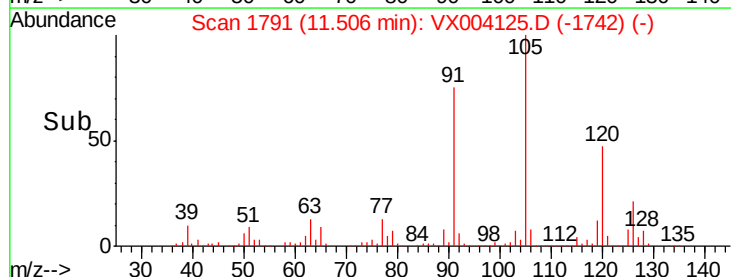
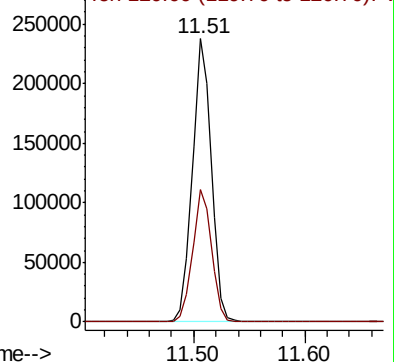
Ion Ratio Lower Upper

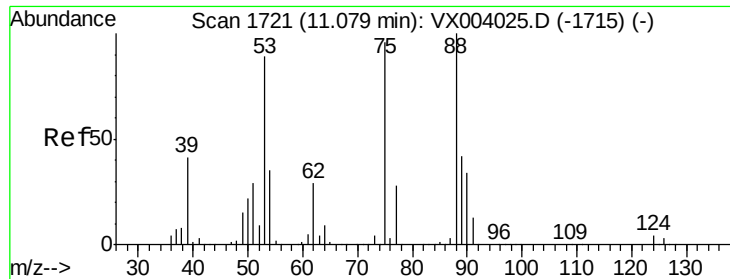
105 100

120 46.9 25.4 76.2



Abundance Ion 105.00 (104.70 to 105.70): VX004125.D (-1785) (-)





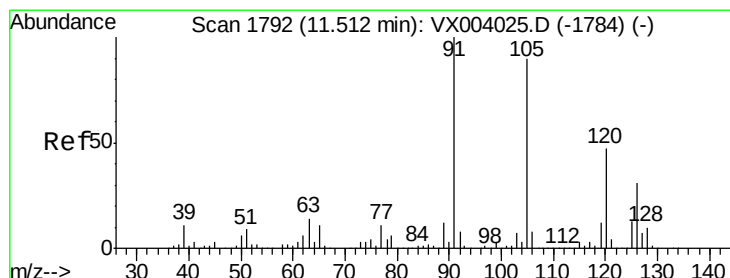
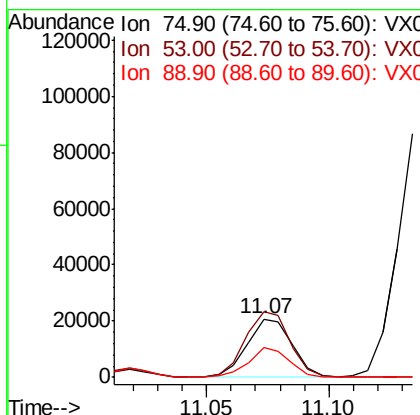
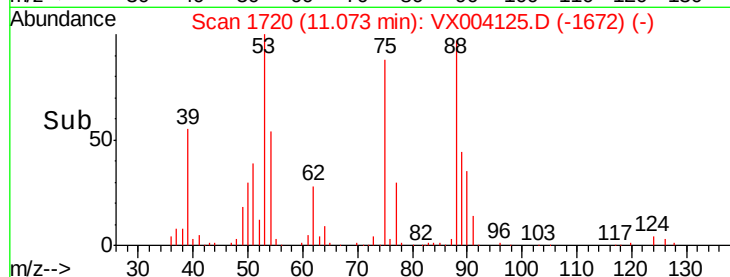
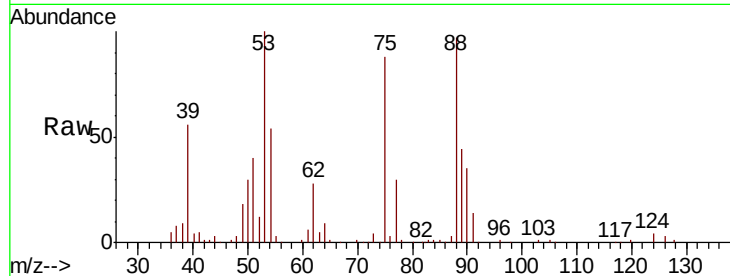
#81
trans-1,4-Dichloro-2-butene
Concen: 16.10 ug/l
RT: 11.07 min Scan# 1720
Delta R.T. -0.01 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.8	80.3	120.5
89	46.5	37.8	56.8

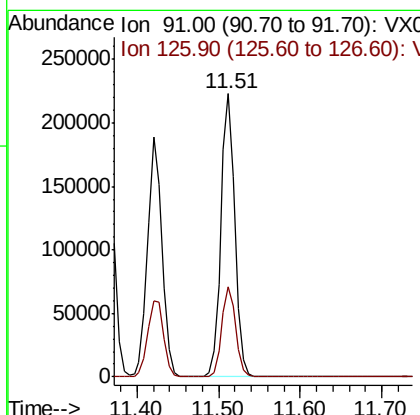
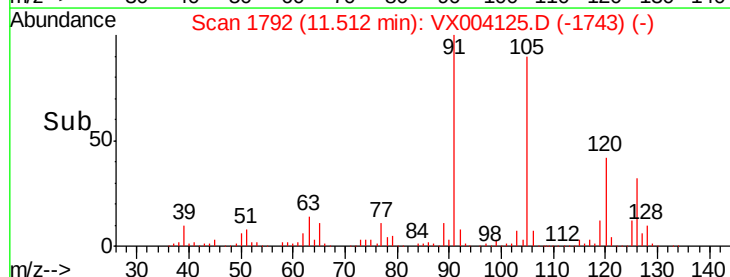
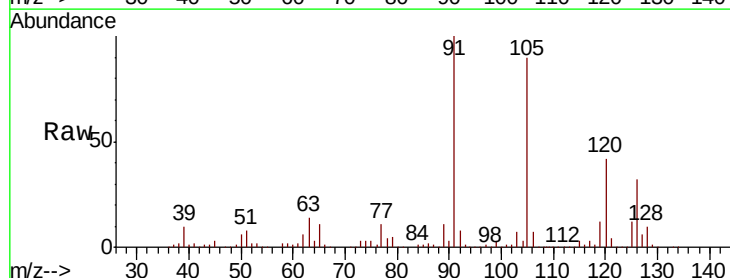
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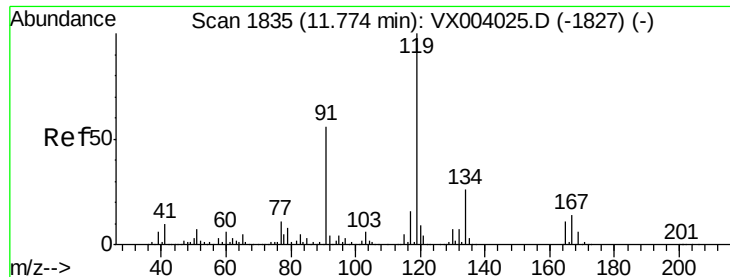
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#82
4-Chlorotoluene
Concen: 19.28 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.6	46.7





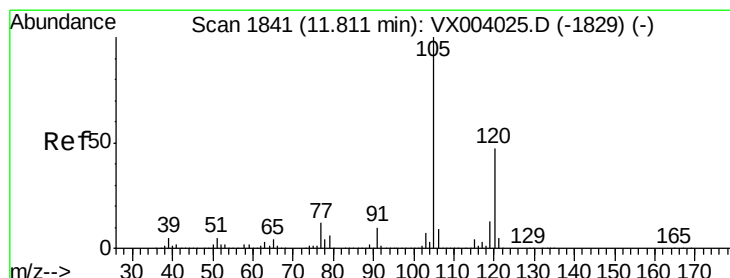
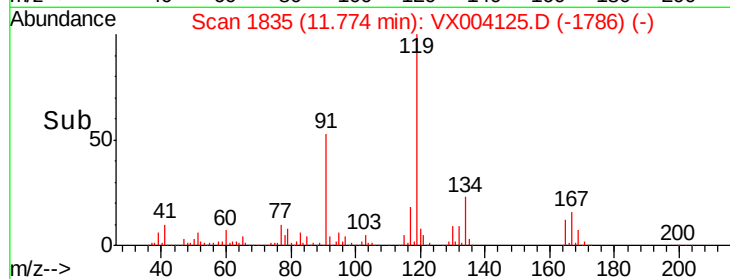
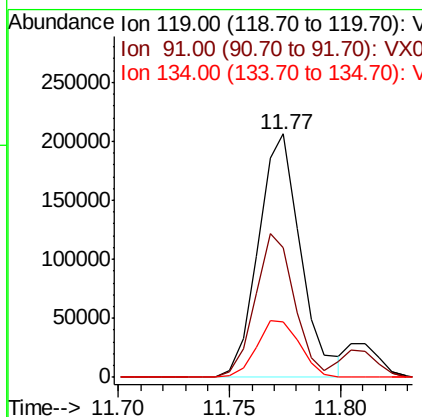
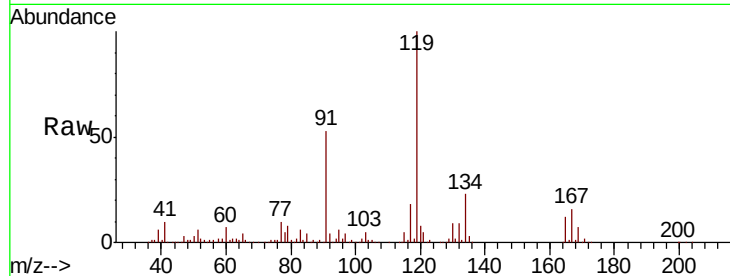
#83
 tert-Butylbenzene
 Concen: 19.25 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	273063		
91	54.7	26.9	80.7	
134	23.9	12.0	36.0	

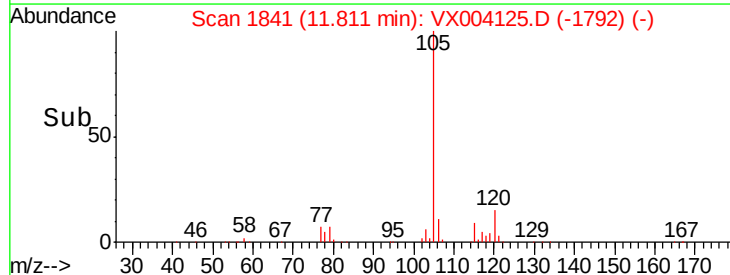
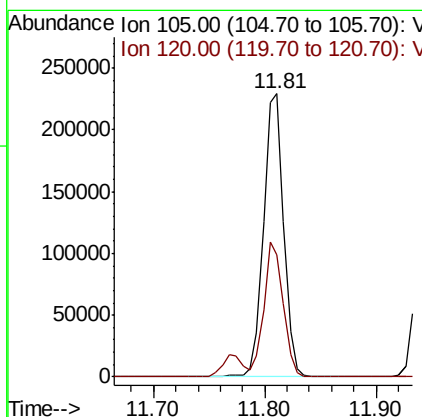
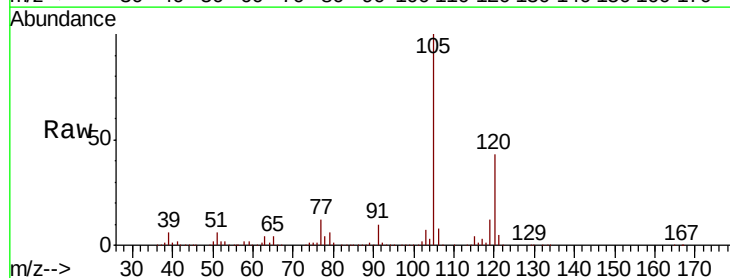
Manual Integrations
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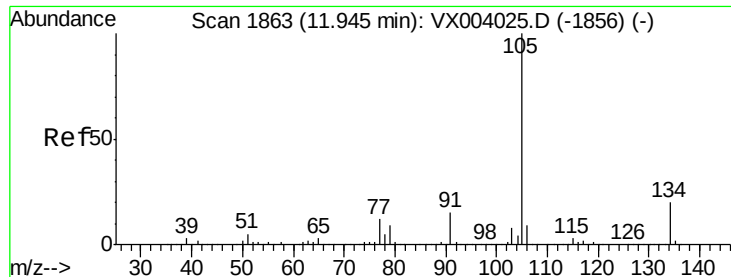
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.99 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	291237		
120	45.5	23.1	69.2	





#85

sec-Butylbenzene

Concen: 19.36 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0817WBSD01

Tot Ion:105 Resp: 321350

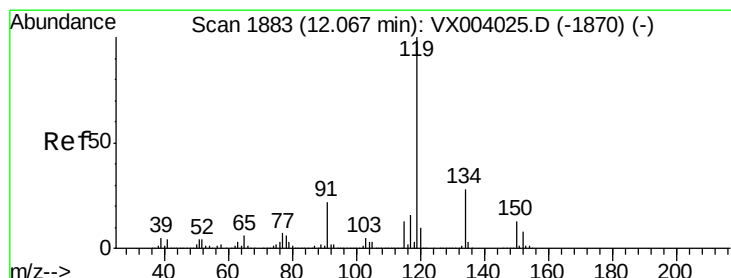
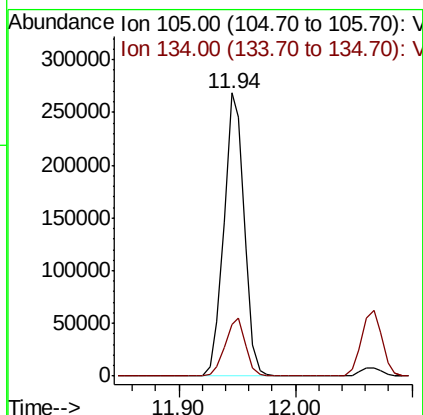
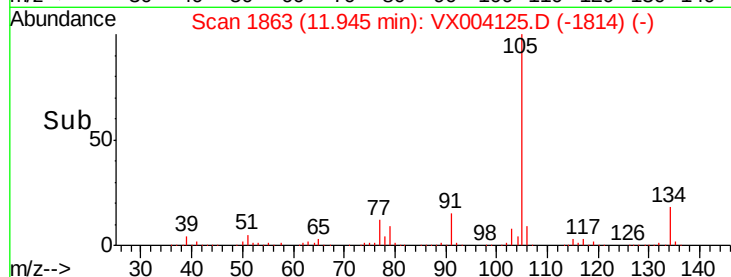
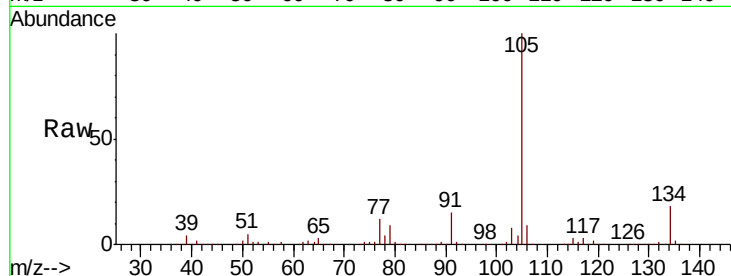
Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.9

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#86

p-Isopropyltoluene

Concen: 19.38 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

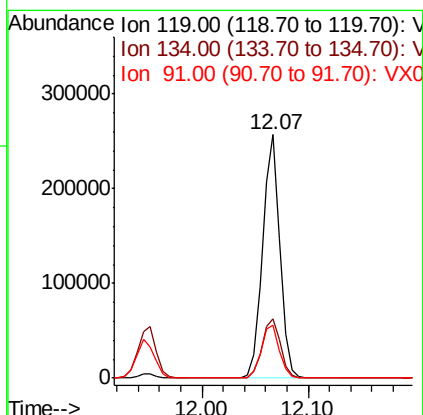
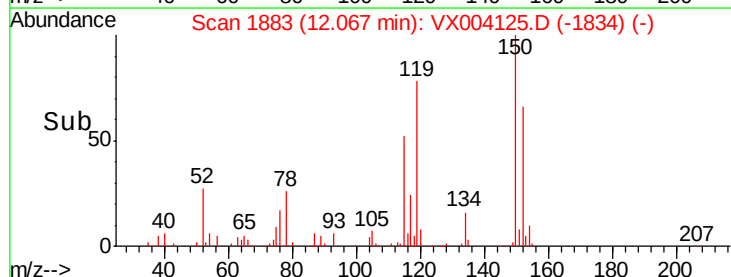
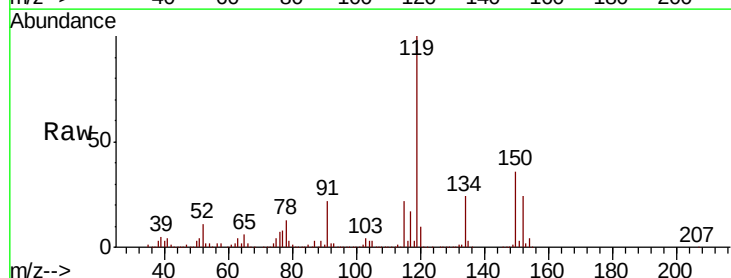
Tgt Ion:119 Resp: 291314

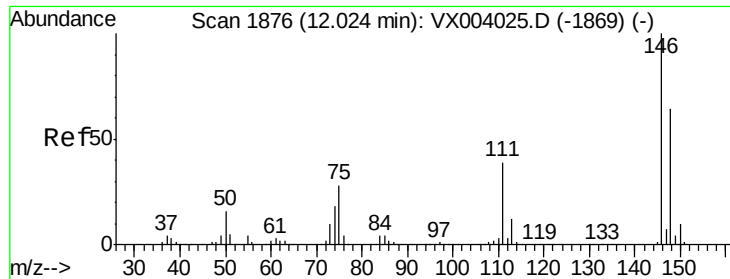
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 22.9 10.9 32.7





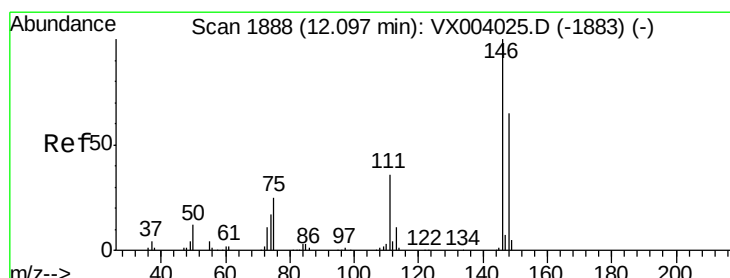
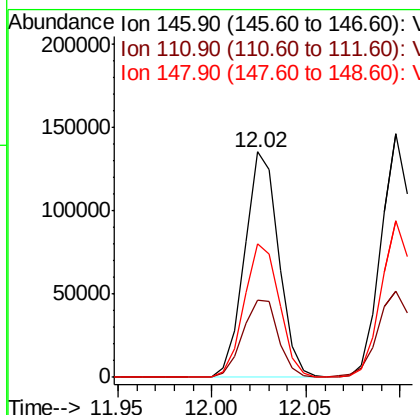
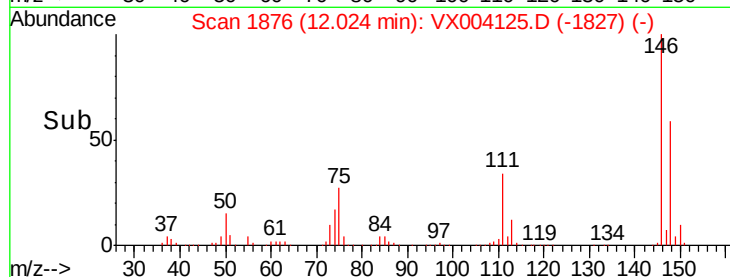
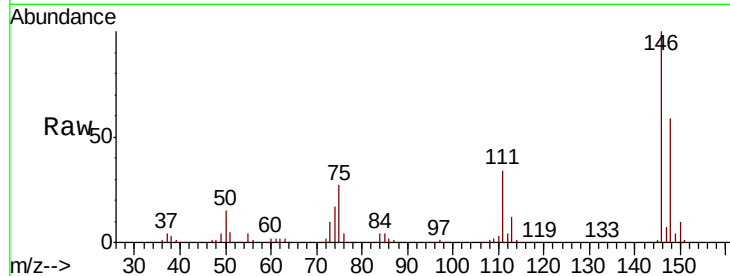
#87
 1,3-Dichlorobenzene
 Concen: 18.81 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.8	56.4
148	61.1	31.9	95.5

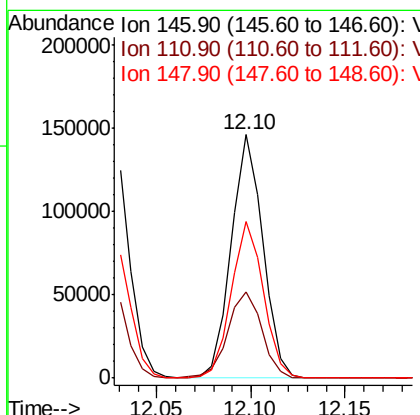
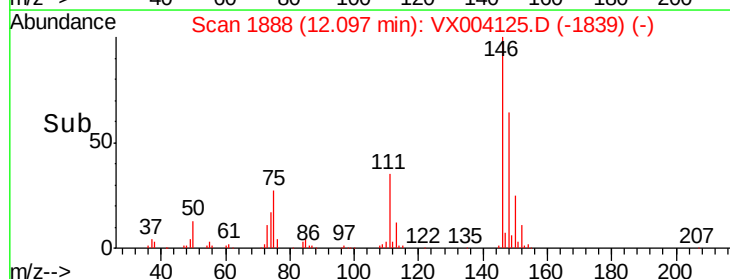
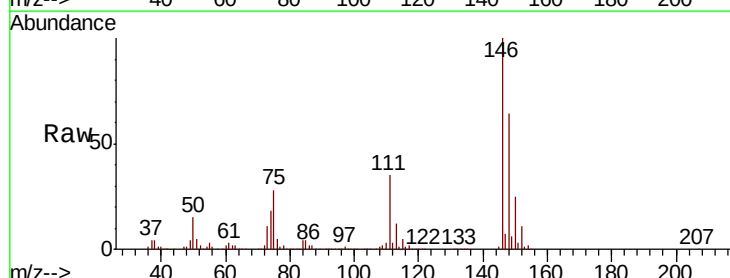
Manual Integrations
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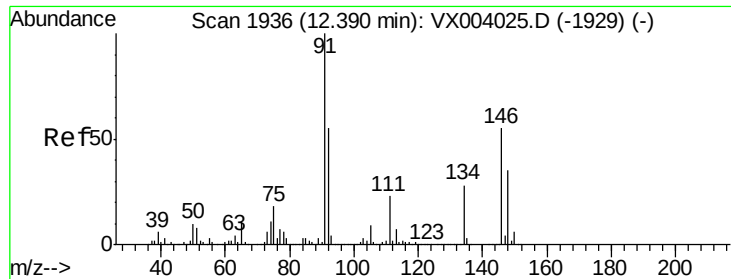
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#88
 1,4-Dichlorobenzene
 Concen: 18.31 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.4	55.0
148	65.3	32.3	96.8





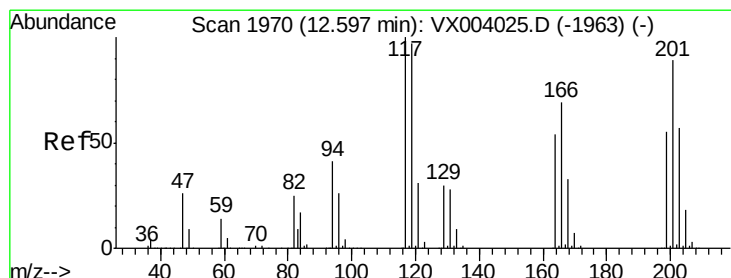
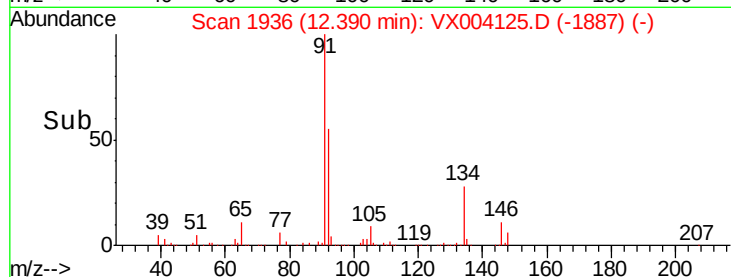
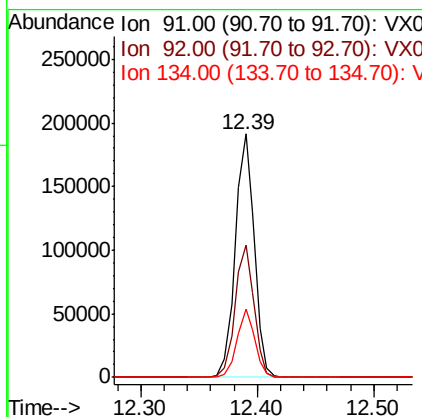
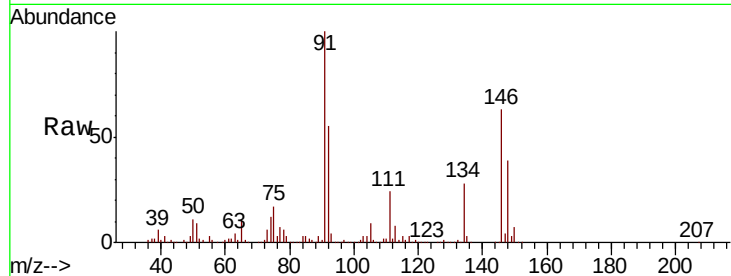
#89
n-Butylbenzene
Concen: 18.36 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.1	81.3
134	26.5	13.6	40.7

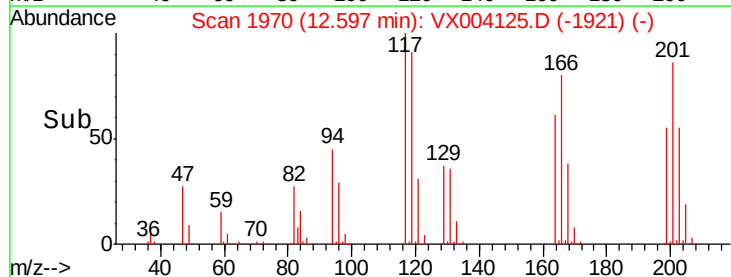
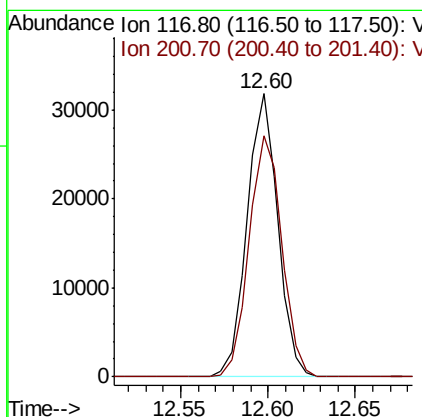
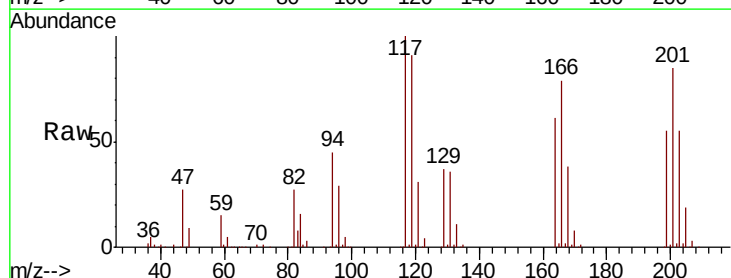
Manual Integrations
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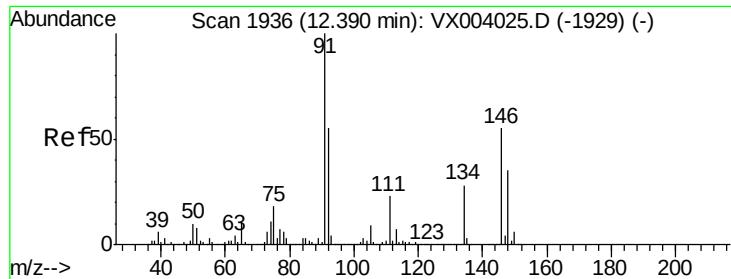
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#90
Hexachloroethane
Concen: 17.24 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.7	46.1	138.2





#91

1,2-Dichlorobenzene

Concen: 18.66 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

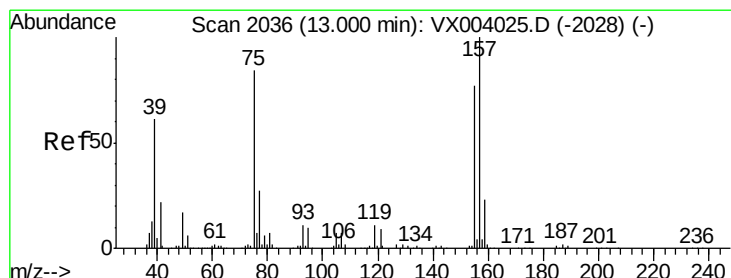
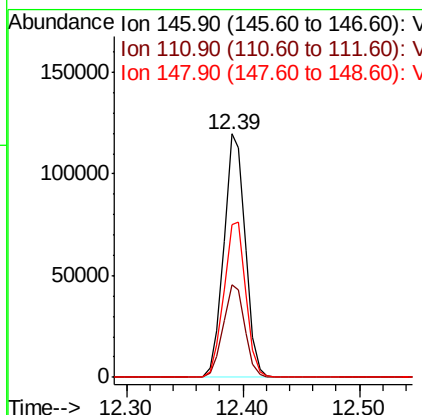
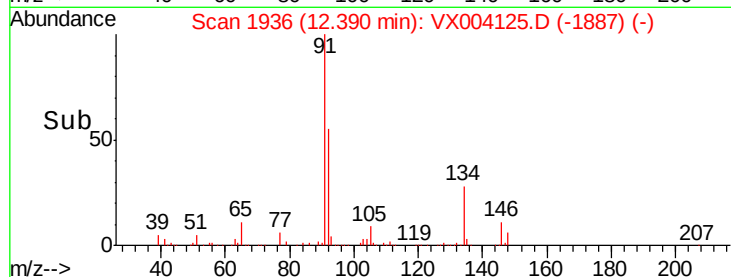
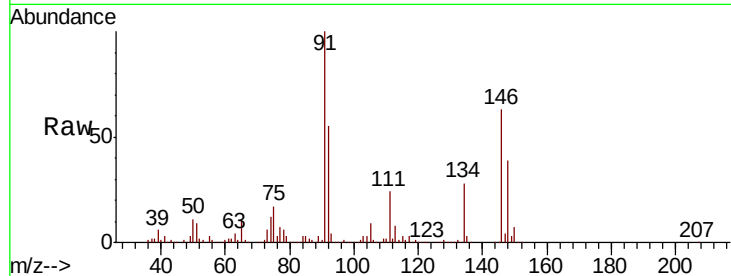
ClientSampleId :

VX0817WBSD01

Tot Ion:	146	Resp:	152037
Ion Ratio	Lower	Upper	
146	100		
111	38.3	19.7	59.0
148	65.3	31.9	95.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.20 ug/l

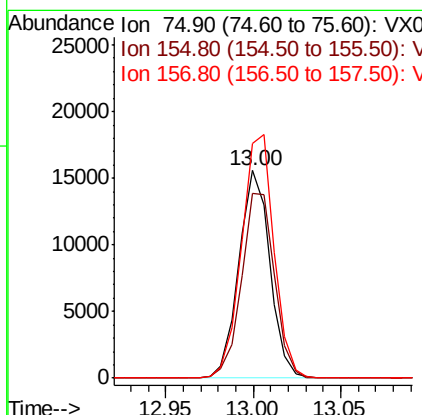
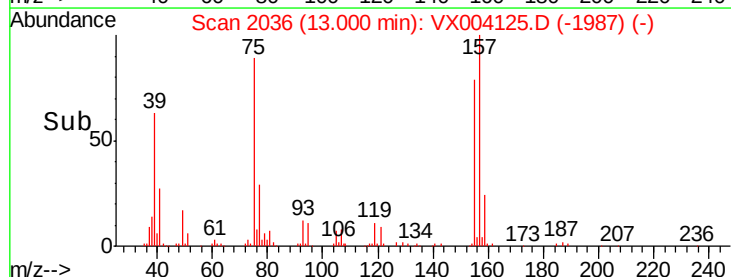
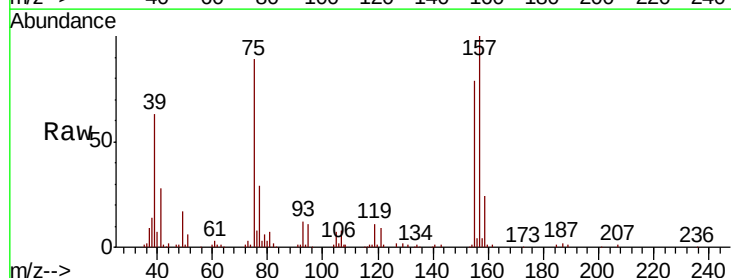
RT: 13.00 min Scan# 2036

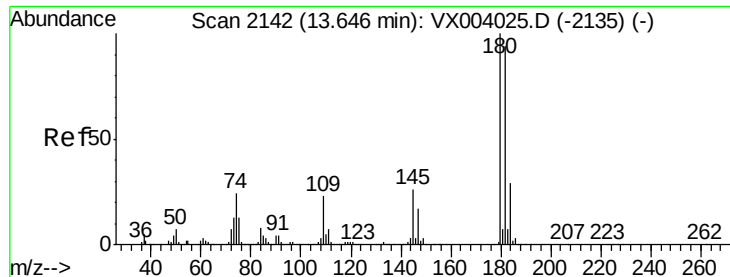
Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Tgt Ion:	75	Resp:	19189
Ion Ratio	Lower	Upper	
75	100		
155	94.4	48.7	146.1
157	122.4	62.6	187.8





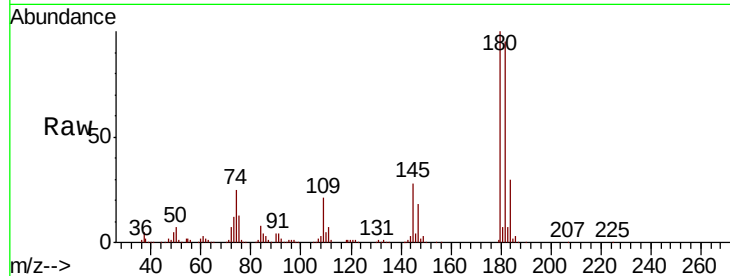
#93
 1,2,4-Trichlorobenzene
 Concen: 17.23 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	95920		
182	95.8	47.7	143.1	
145	28.1	13.9	41.6	

Manual Integrations
 APPROVED

MMDadoda
 8/20/2018 10:04:13 AM

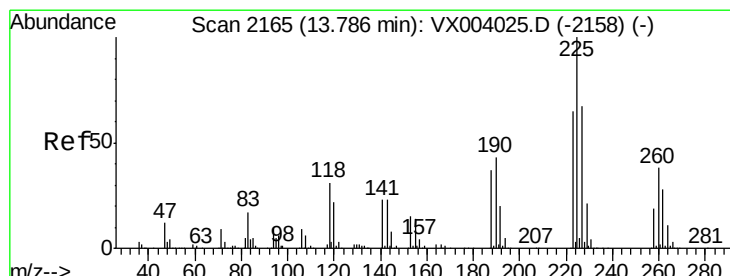
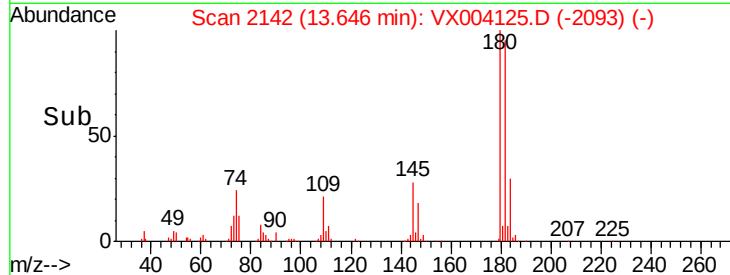
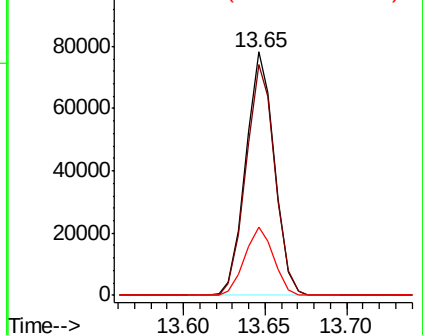


Abundance

Ion 179.80 (179.50 to 180.50): V

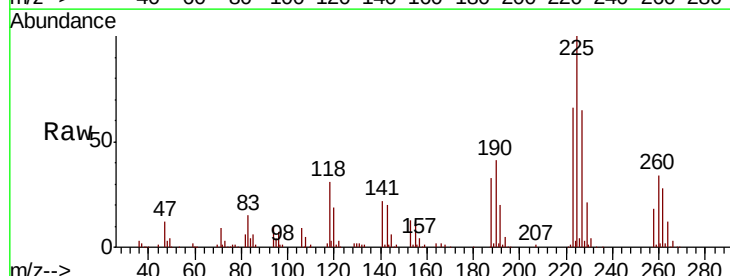
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 16.04 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	44769		
223	63.7	31.4	94.0	
227	65.3	32.1	96.5	

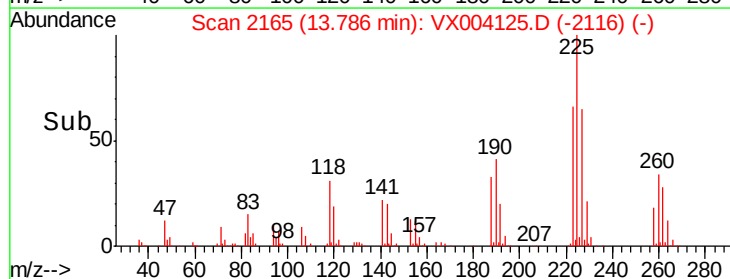
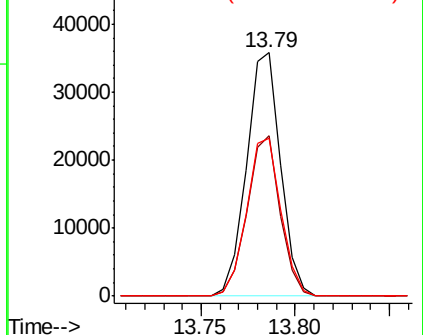


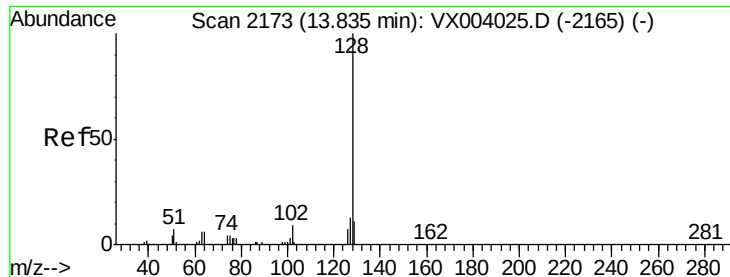
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.89 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

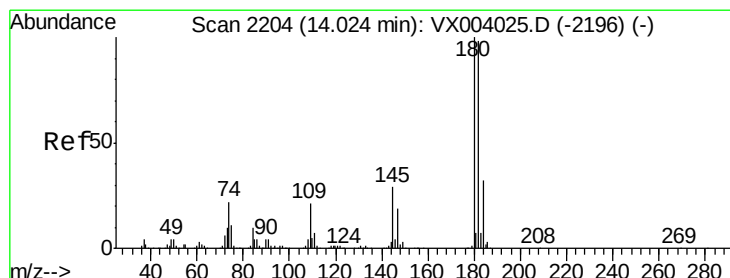
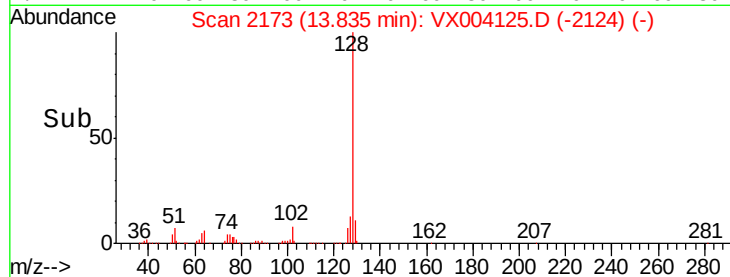
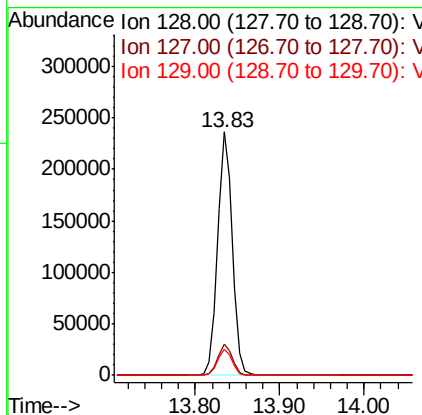
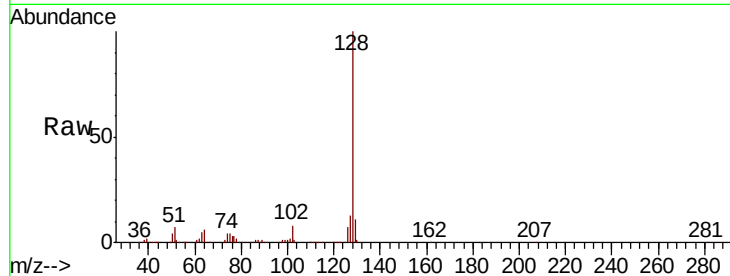
ClientSampleId :

VX0817WBSD01

Tot Ion:	128	Resp:	285999
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.2
129	10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/20/2018 10:04:13 AM



#96

1,2,3-Trichlorobenzene

Concen: 16.72 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Tgt Ion:	180	Resp:	101526
Ion Ratio	Lower	Upper	
180	100		
182	95.0	48.1	144.4
145	29.3	14.9	44.7

