

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003905.D
 Acq On : 08 Aug 2018 03:38
 Operator : JC/MD
 Sample : VX0807WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD03

Manual Integrations
 APPROVED

MMDadoda
 8/8/2018 12:06:16 PM

Quant Time: Aug 08 05:05:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	491024	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	464579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	259416	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	219845	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
35) Dibromofluoromethane	5.51	113	181586	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	8.72	98	709638	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.14	95	253361	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66818	20.31	ug/l	100
3) Chloromethane	1.32	50	86593	19.35	ug/l	100
4) Vinyl Chloride	1.40	62	88663	19.86	ug/l	100
5) Bromomethane	1.64	94	54821	20.89	ug/l	100
6) Chloroethane	1.72	64	71945	25.19	ug/l	96
7) Trichlorofluoromethane	1.93	101	118504	20.11	ug/l	98
8) Diethyl Ether	2.19	74	52924	19.98	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	71627	19.45	ug/l	99
10) Methyl Iodide	2.51	142	89905	19.62	ug/l	100
11) Tert butyl alcohol	3.07	59	103825	100.41	ug/l	99
12) 1,1-Dichloroethene	2.37	96	69312	19.89	ug/l	100
13) Acrolein	2.29	56	50867	91.42	ug/l	98
14) Allyl chloride	2.73	41	129951	19.35	ug/l	100
15) Acrylonitrile	3.15	53	249855	101.27	ug/l	100
16) Acetone	2.45	43	252995	98.83	ug/l	99
17) Carbon Disulfide	2.57	76	187212	19.23	ug/l	100
18) Methyl Acetate	2.78	43	116088	20.83	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	252335	20.44	ug/l	99
20) Methylene Chloride	2.85	84	84663	19.89	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	76646	19.38	ug/l	99
22) Diisopropyl ether	3.87	45	249911	20.24	ug/l	98
23) Vinyl Acetate	3.82	43	1013845	98.70	ug/l	100
24) 1,1-Dichloroethane	3.70	63	150495	20.52	ug/l	100
25) 2-Butanone	4.71	43	388302	100.89	ug/l	97
26) 2,2-Dichloropropane	4.59	77	60761	11.49	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	85852	20.00	ug/l	95
28) Bromochloromethane	5.02	49	63230	20.15	ug/l	98
29) Tetrahydrofuran	5.17	42	199264	100.73	ug/l	99
30) Chloroform	5.22	83	142861	20.69	ug/l	99
31) Cyclohexane	5.57	56	120941	19.50	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	117954	20.37	ug/l	98
36) 1,1-Dichloropropene	5.80	75	104925	19.08	ug/l	99
37) Ethyl Acetate	4.86	43	117880	19.49	ug/l	99
38) Carbon Tetrachloride	5.78	117	100933	19.28	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	116909	18.03	ug/l	99
40) Benzene	6.14	78	328037	19.86	ug/l	100
41) Methacrylonitrile	5.06	41	65433	19.64	ug/l	99
42) 1,2-Dichloroethane	6.20	62	112973	20.23	ug/l	99
43) Isopropyl Acetate	6.47	43	175696	19.30	ug/l	99
44) Trichloroethene	7.21	130	85363	18.90	ug/l	94
45) 1,2-Dichloropropane	7.52	63	81762	19.17	ug/l	100
46) Dibromomethane	7.67	93	54291	19.61	ug/l	100
47) Bromodichloromethane	7.90	83	100922	19.35	ug/l	99
48) Methyl methacrylate	7.78	41	89945	19.44	ug/l	98
49) 1,4-Dioxane	7.76	88	43359	397.74	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	764698	101.34	ug/l	99
52) Toluene	8.79	92	207067	19.84	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	102090	17.32	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	114695	18.04	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	84583	19.84	ug/l	98
56) Ethyl methacrylate	9.18	69	117638	19.02	ug/l	99
57) 1,3-Dichloropropane	9.37	76	142548	19.98	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	307270	101.01	ug/l	100
59) 2-Hexanone	9.50	43	576583	102.22	ug/l	99
60) Dibromochloromethane	9.59	129	79179	19.92	ug/l	99
61) 1,2-Dibromoethane	9.68	107	86581	20.28	ug/l	99
64) Tetrachloroethene	9.34	164	85325	18.67	ug/l	93
65) Chlorobenzene	10.14	112	230548	19.07	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	80851	19.46	ug/l	99
67) Ethyl Benzene	10.26	91	379236	19.16	ug/l	99
68) m/p-Xylenes	10.36	106	301327	38.97	ug/l	97
69) o-Xylene	10.70	106	143264	19.63	ug/l	96
70) Styrene	10.71	104	238944	19.99	ug/l	98
71) Bromoform	10.86	173	59614	18.85	ug/l #	99
73) Isopropylbenzene	11.02	105	385598	20.09	ug/l	97
74) N-amyl acetate	6.47	43	175696	17.61	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	130749	19.88	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	114269m	19.94	ug/l	
77) Bromobenzene	11.26	156	101644	19.85	ug/l	100
78) n-propylbenzene	11.36	91	434536	20.16	ug/l	100
79) 2-Chlorotoluene	11.42	91	262361	19.97	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	314695	20.11	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	29588	15.64	ug/l	95
82) 4-Chlorotoluene	11.51	91	307369	19.97	ug/l	99
83) tert-Butylbenzene	11.77	119	307361	19.97	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	328706	20.89	ug/l	99
85) sec-Butylbenzene	11.95	105	364087	20.04	ug/l	99
86) p-Isopropyltoluene	12.07	119	322835	19.80	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	183990	19.44	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	185531	20.29	ug/l	98
89) n-Butylbenzene	12.39	91	233567	16.44	ug/l	99
90) Hexachloroethane	12.60	117	45554	17.21	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	165786	17.67	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22858	16.96	ug/l	95

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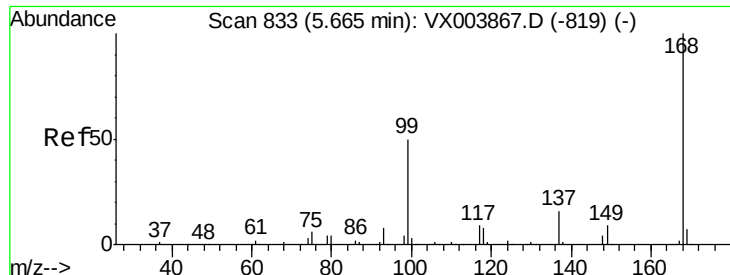
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	120165	17.81	ug/l	96
94) Hexachlorobutadiene	13.79	225	58119	19.79	ug/l	98
95) Naphthalene	13.83	128	396263	20.51	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	135244	20.09	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

Tot Ion:168 Resp: 324604

Ion Ratio Lower Upper

168 100

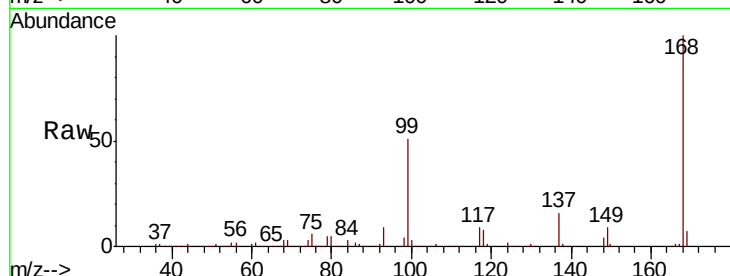
99 51.1 40.1 60.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

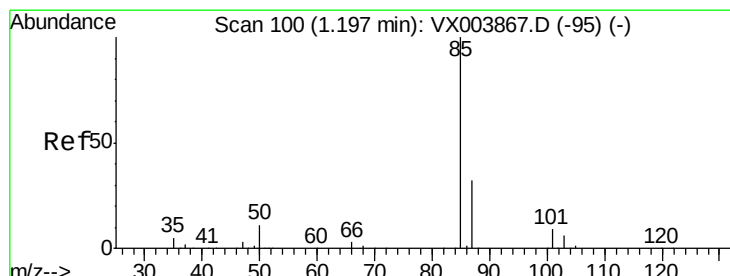
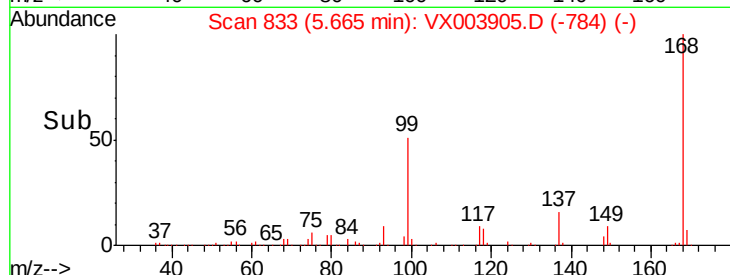
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.31 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003905.D

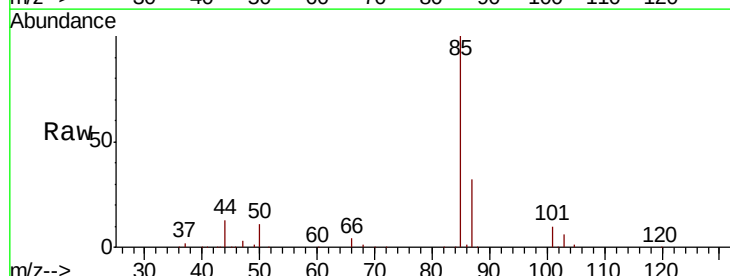
Acq: 08 Aug 2018 03:38

Tgt Ion: 85 Resp: 66818

Ion Ratio Lower Upper

85 100

87 32.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

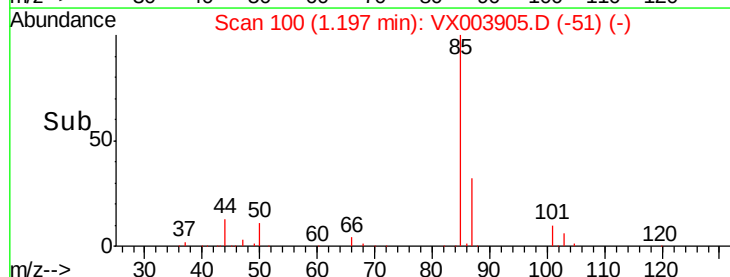
60000

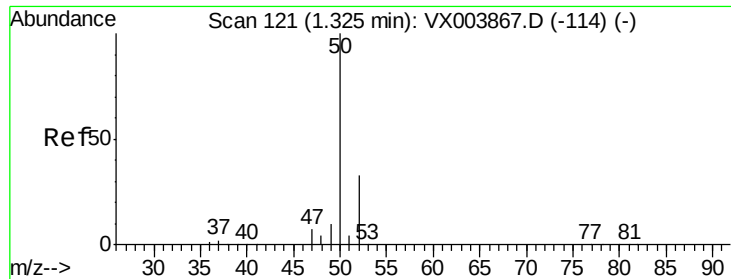
40000

20000

0

Time-->





#3

Chloromethane

Concen: 19.35 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

Tot Ion: 50 Resp: 86593

Ion Ratio Lower Upper

50 100

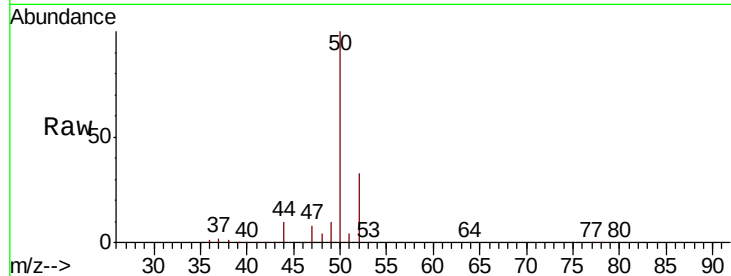
52 33.0 26.6 39.8

Manual Integrations

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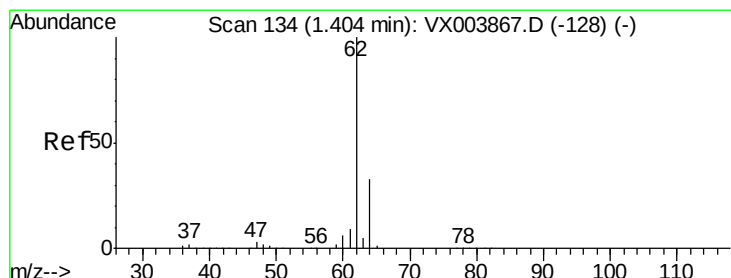
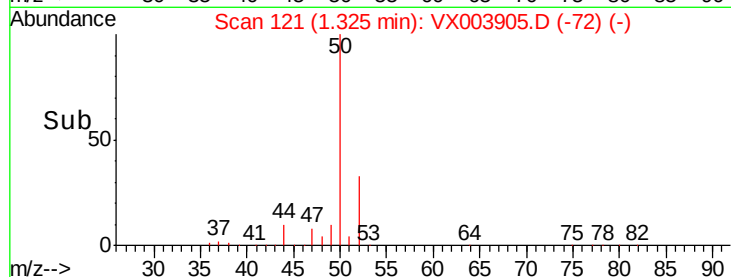
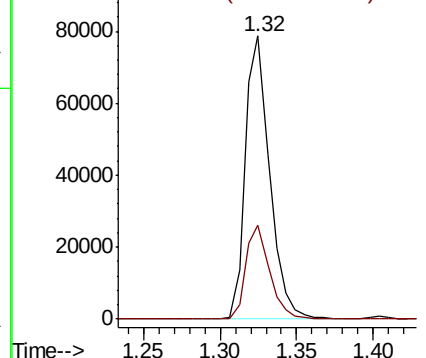
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.86 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003905.D

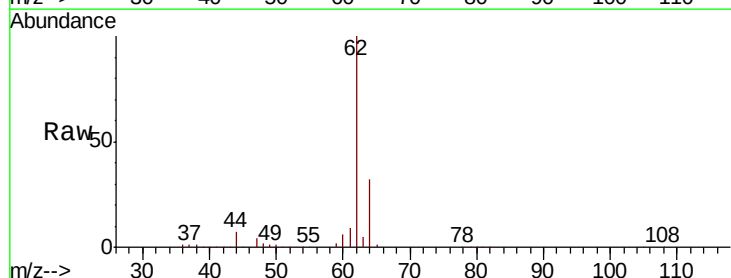
Acq: 08 Aug 2018 03:38

Tgt Ion: 62 Resp: 88663

Ion Ratio Lower Upper

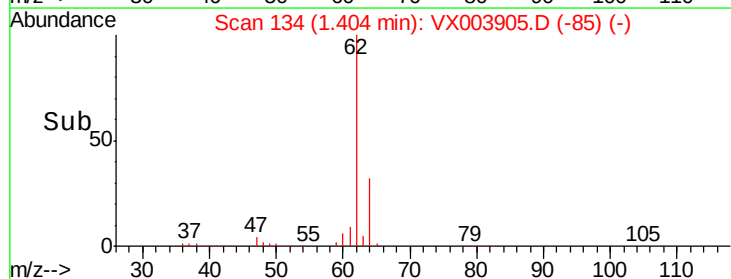
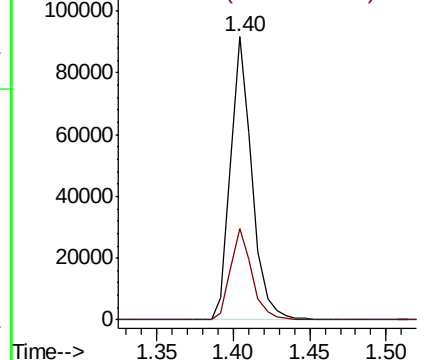
62 100

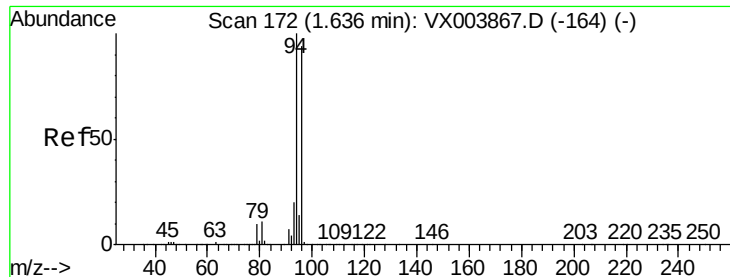
64 32.3 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.89 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

Tot Ion: 94 Resp: 54821

Ion Ratio Lower Upper

94 100

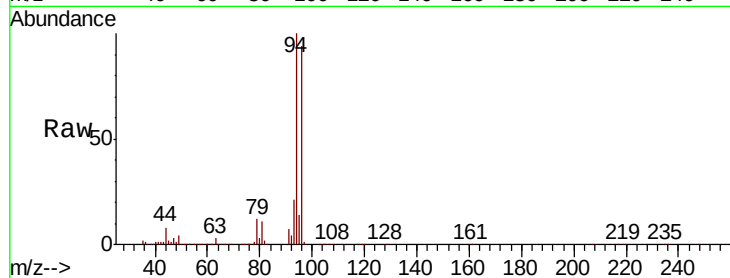
96 94.3 75.2 112.8

Manual Integrations

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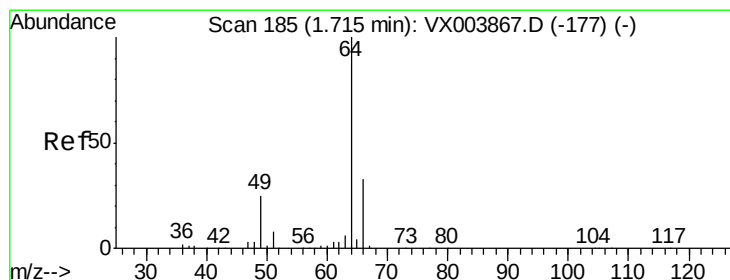
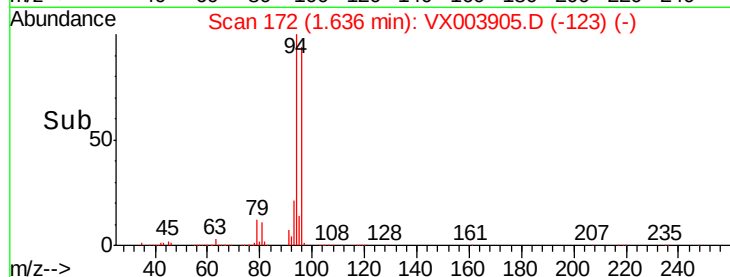
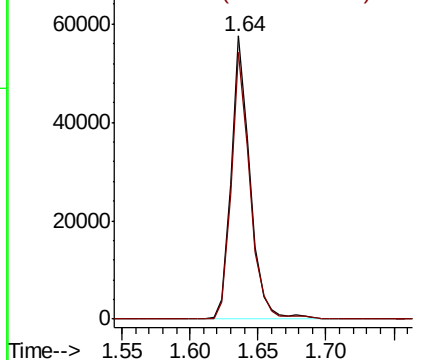
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 25.19 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003905.D

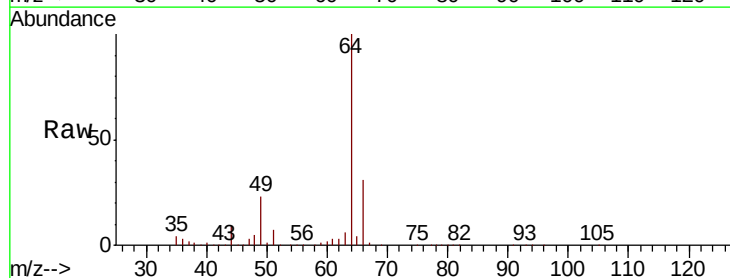
Acq: 08 Aug 2018 03:38

Tgt Ion: 64 Resp: 71945

Ion Ratio Lower Upper

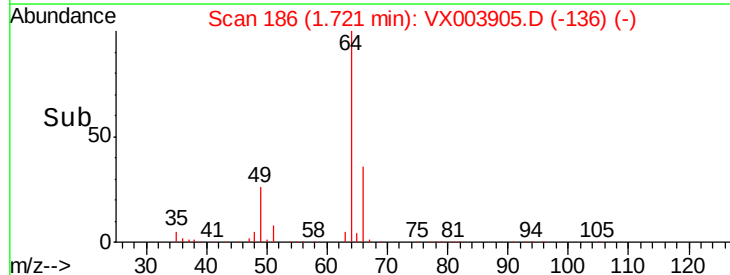
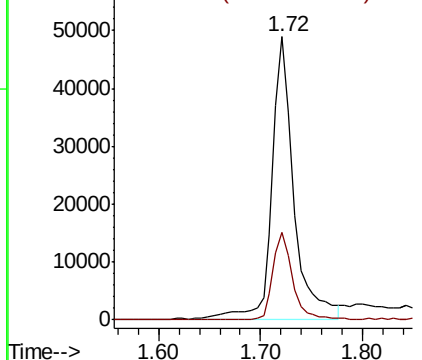
64 100

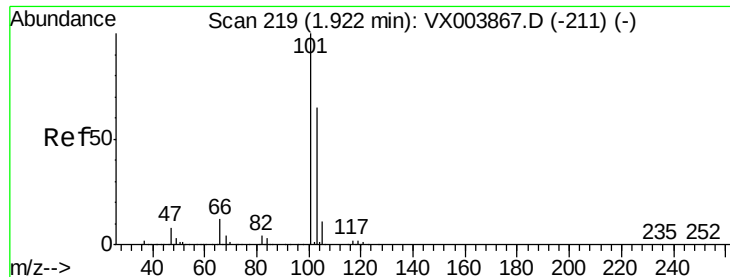
66 30.7 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 20.11 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

Tot Ion:101 Resp: 118504

Ion Ratio Lower Upper

101 100

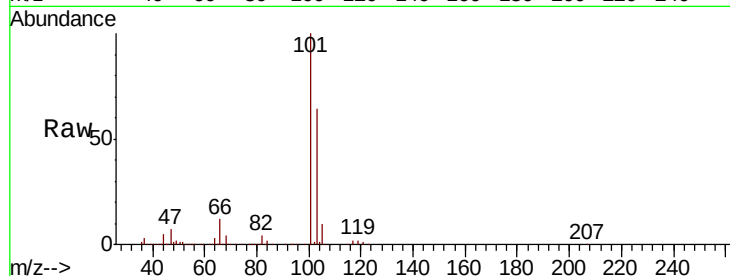
103 64.1 52.3 78.5

Manual Integrations

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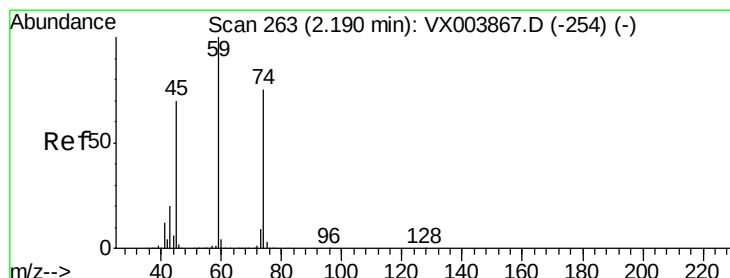
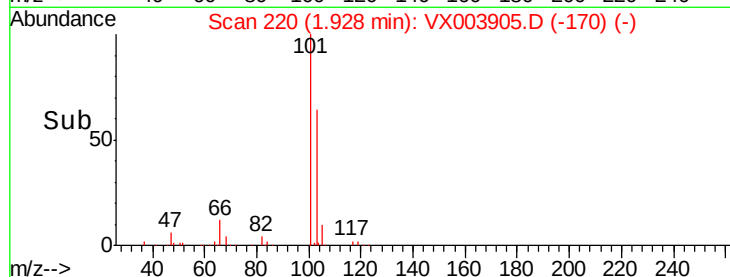
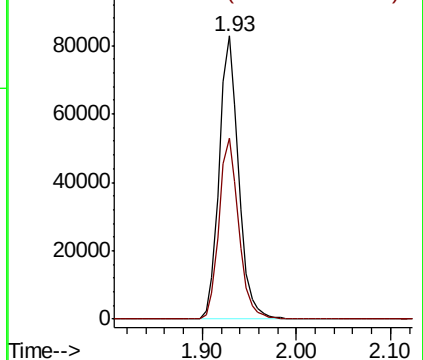
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.98 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003905.D

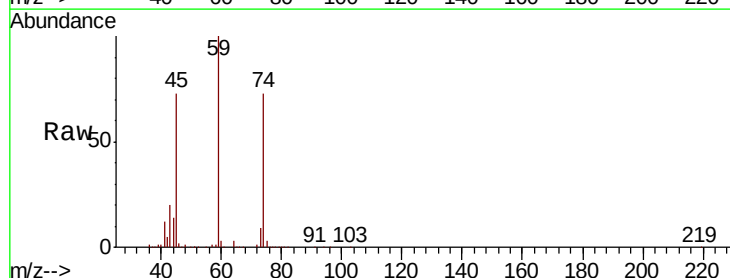
Acq: 08 Aug 2018 03:38

Tgt Ion: 74 Resp: 52924

Ion Ratio Lower Upper

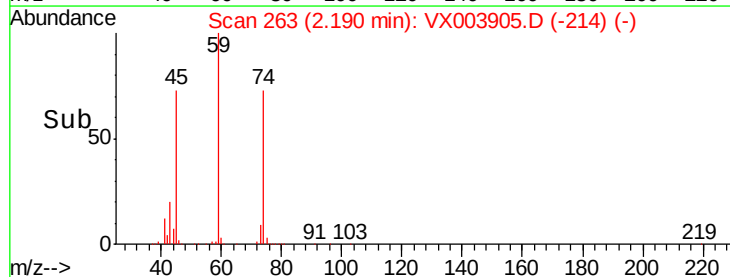
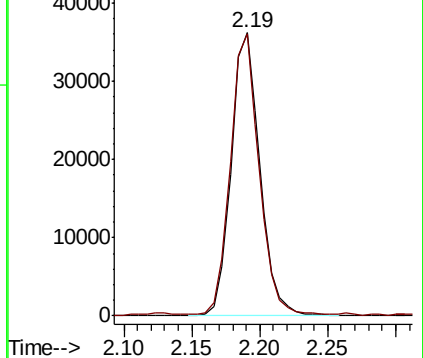
74 100

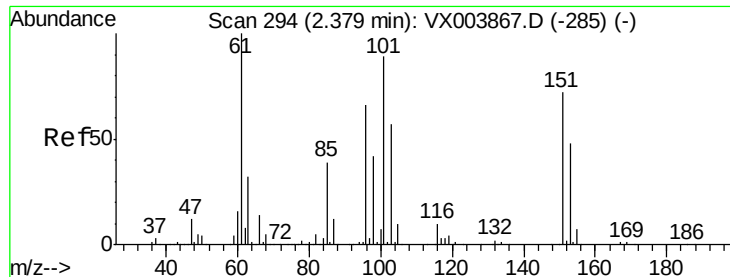
45 99.5 48.3 144.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.45 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

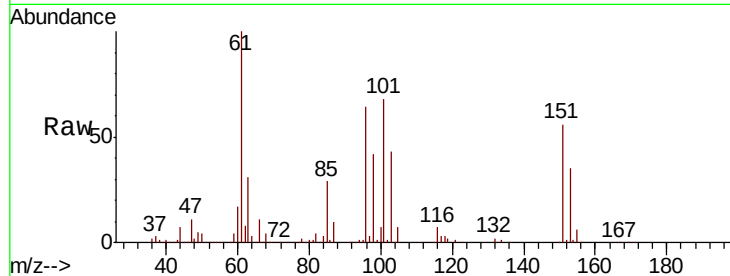
ClientSampleId :

VX0807WBSD03

Tot Ion:	101	Resp:	71627
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.2	51.4
151	80.9	65.0	97.4

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8/8/2018 12:06:16 PM

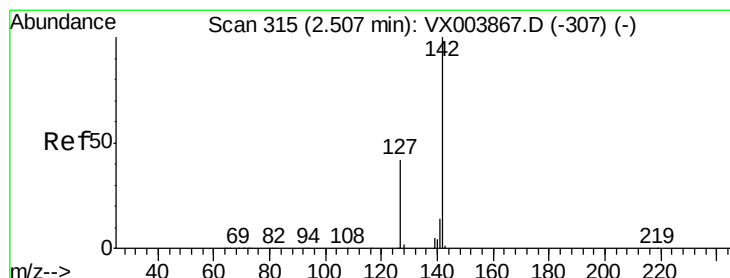
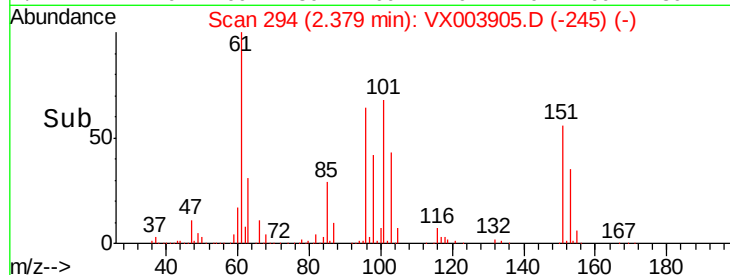
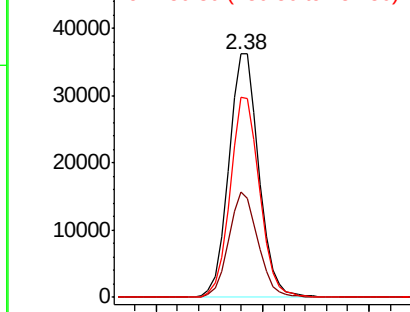


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.62 ug/l

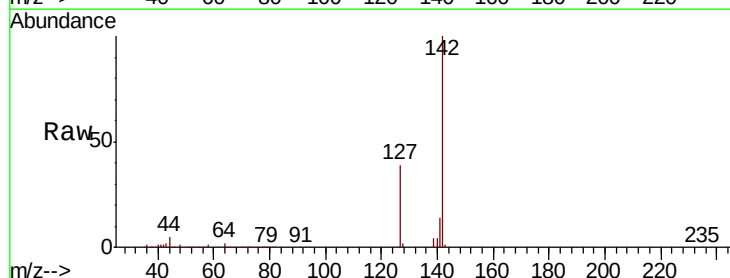
RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Tgt Ion:	142	Resp:	89905
Ion Ratio	Lower	Upper	
142	100		
127	41.2	33.1	49.7
141	14.1	11.1	16.7

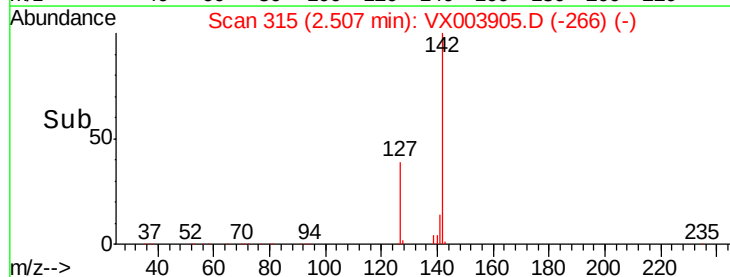
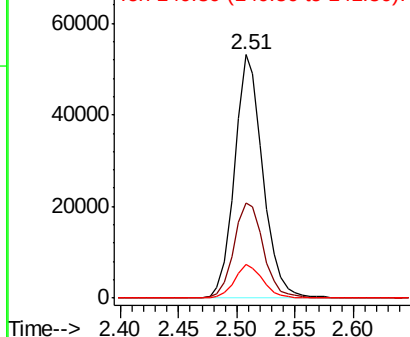


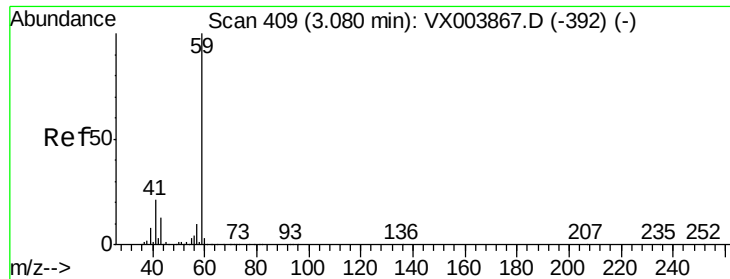
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





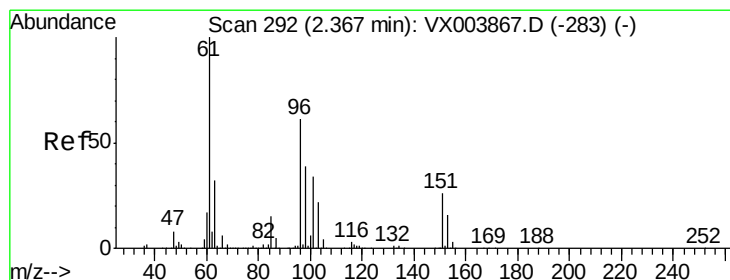
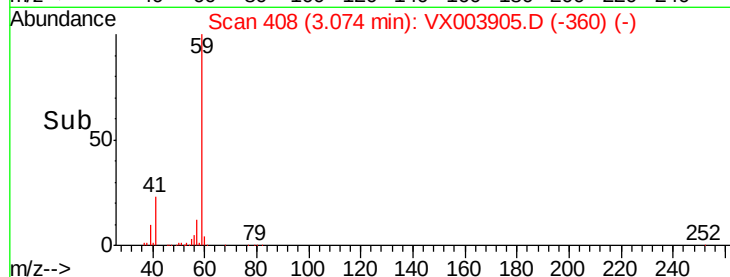
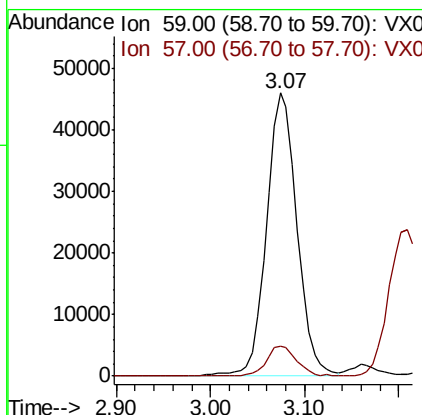
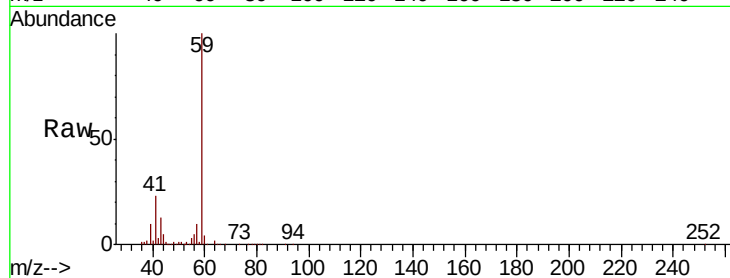
#11
Tert butyl alcohol
Concen: 100.41 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD03

Tot Ion: 59 Resp: 103825
Ion Ratio Lower Upper
59 100
57 10.5 8.1 12.1

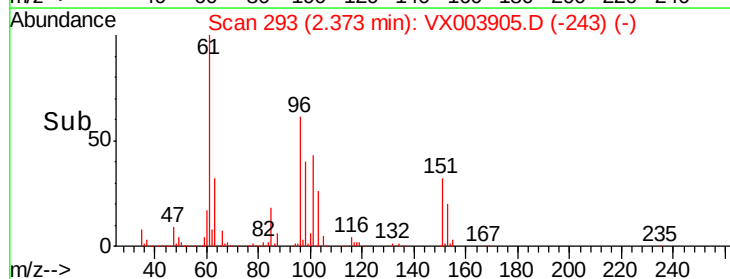
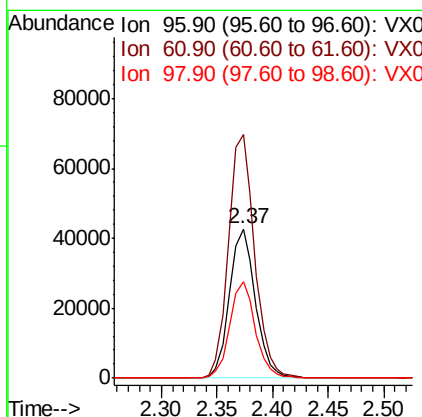
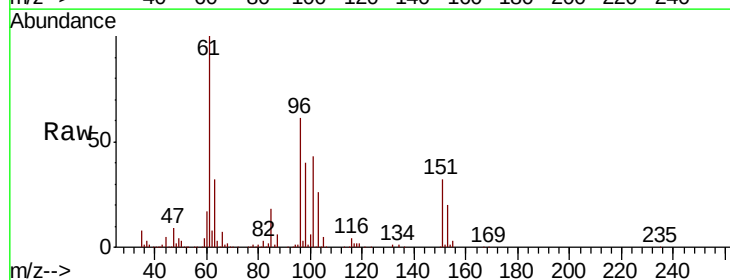
Manual Integrations
APPROVED

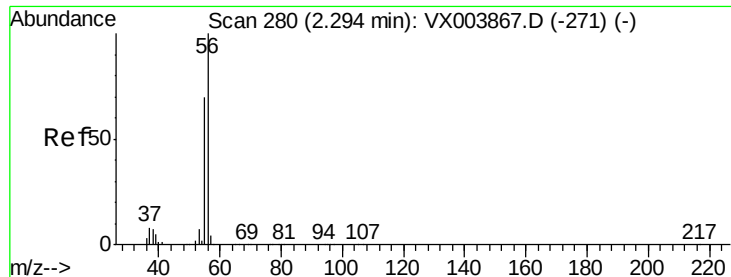
MMDadoda
8/8/2018 12:06:16 PM



#12
1,1-Dichloroethene
Concen: 19.89 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion: 96 Resp: 69312
Ion Ratio Lower Upper
96 100
61 163.5 131.3 196.9
98 64.9 51.8 77.6





#13

Acrolein

Concen: 91.42 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

Tot Ion: 56 Resp: 50867

Ion Ratio Lower Upper

56 100

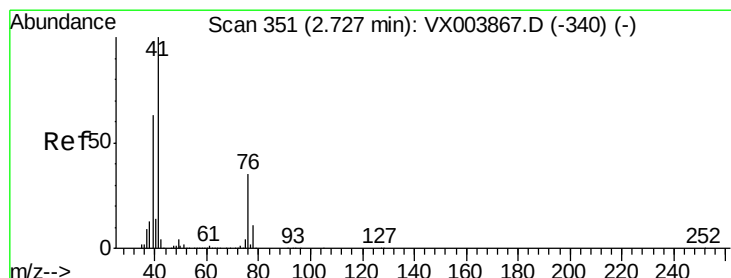
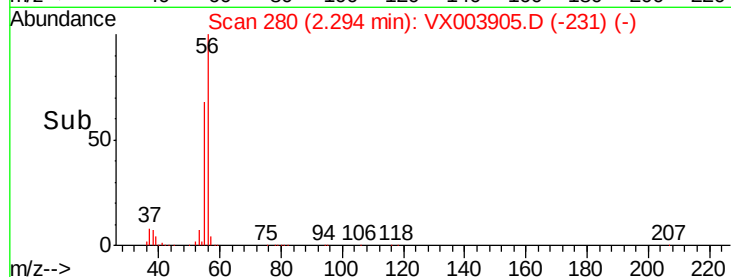
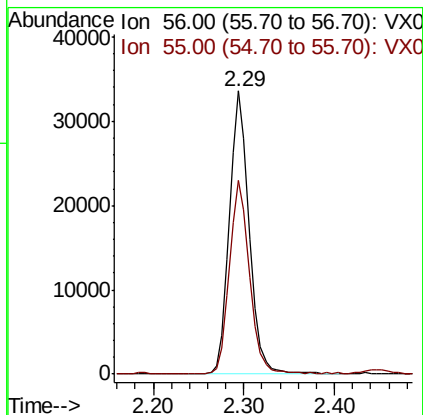
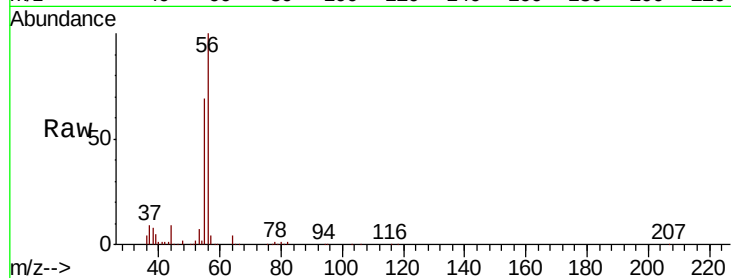
55 68.8 56.1 84.1

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#14

Allyl chloride

Concen: 19.35 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

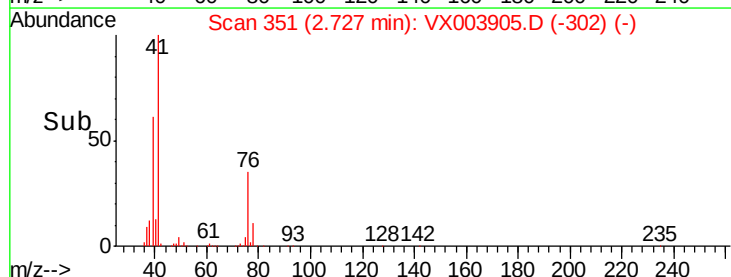
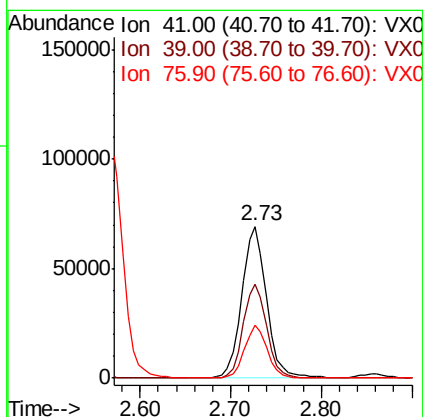
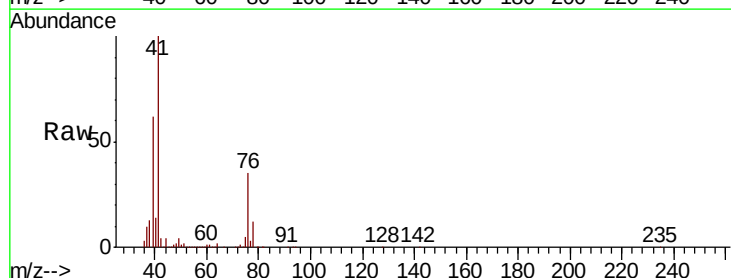
Tgt Ion: 41 Resp: 129951

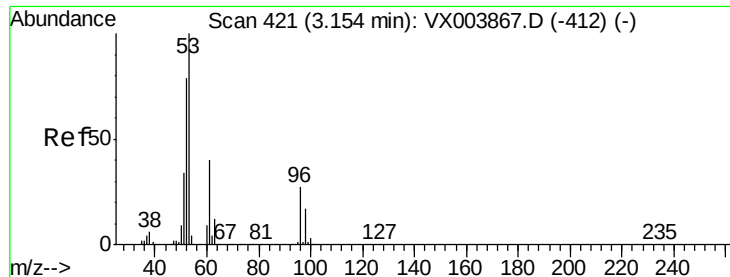
Ion Ratio Lower Upper

41 100

39 58.9 47.4 71.0

76 32.2 26.0 39.0





#15

Acrylonitrile

Concen: 101.27 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

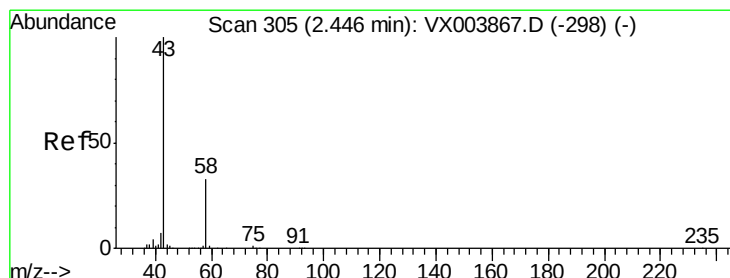
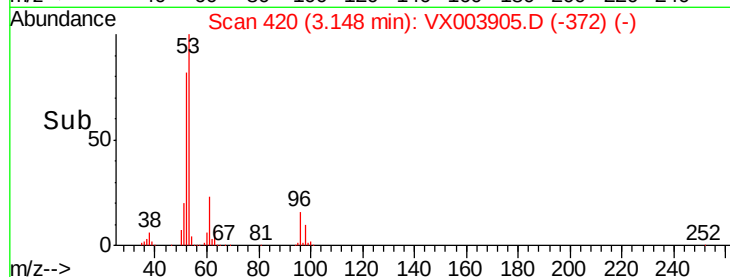
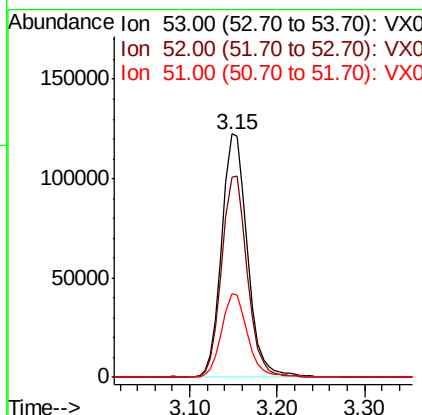
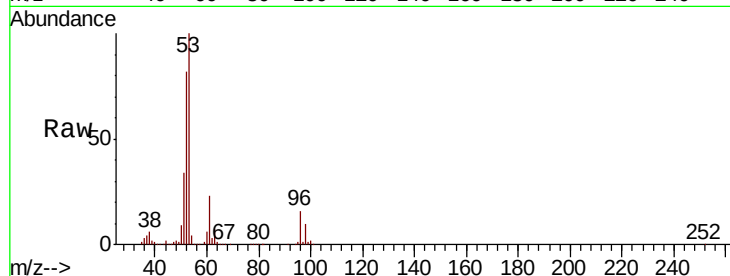
ClientSampleId :

VX0807WBSD03

Tot Ion:	53	Resp:	249855
Ion Ratio		Lower	Upper
53	100		
52	82.1	65.3	97.9
51	34.8	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 98.83 ug/l

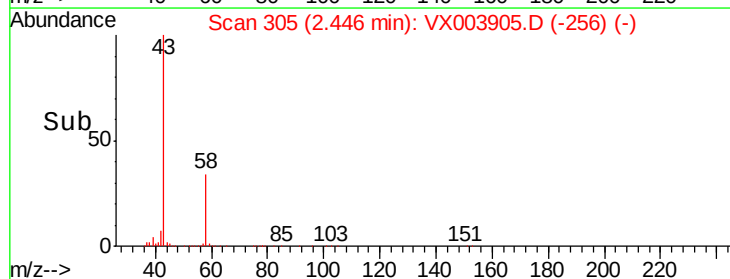
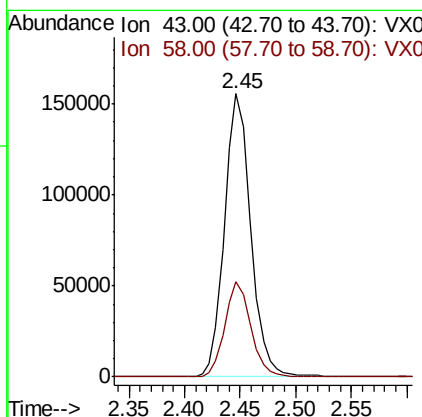
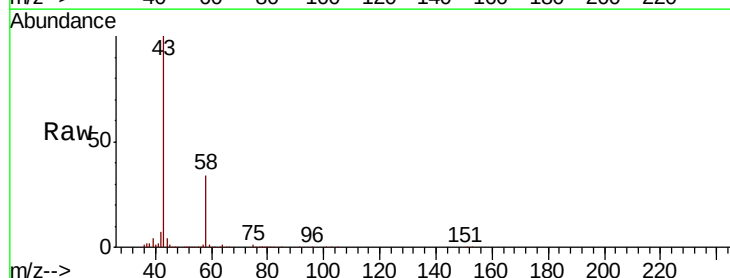
RT: 2.45 min Scan# 305

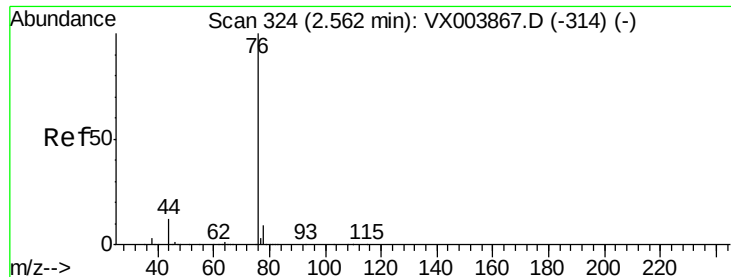
Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Tgt Ion:	43	Resp:	252995
Ion Ratio		Lower	Upper
43	100		
58	33.6	26.4	39.6





#17

Carbon Disulfide

Concen: 19.23 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

Tot Ion: 76 Resp: 187212

Ion Ratio Lower Upper

76 100

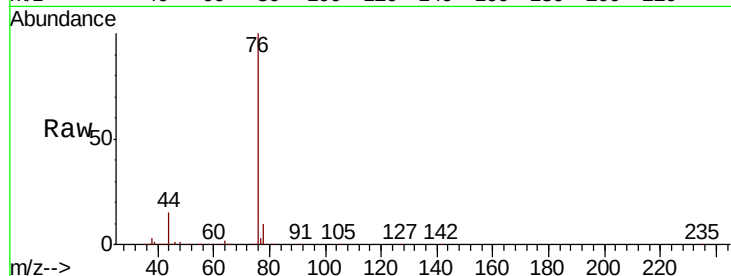
78 9.5 7.5 11.3

Manual Integrations

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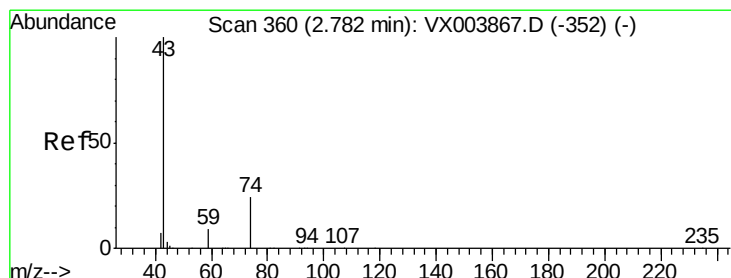
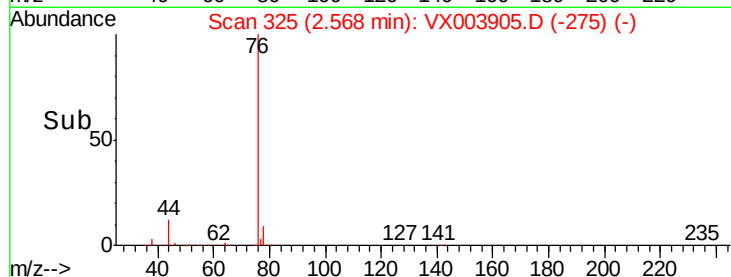
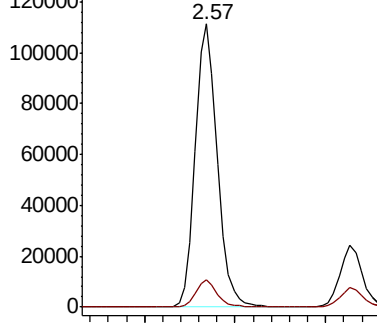
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.83 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003905.D

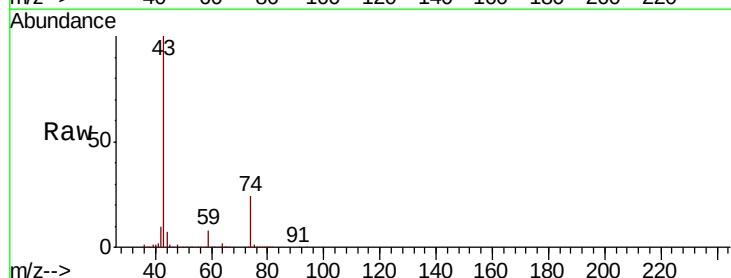
Acq: 08 Aug 2018 03:38

Tgt Ion: 43 Resp: 116088

Ion Ratio Lower Upper

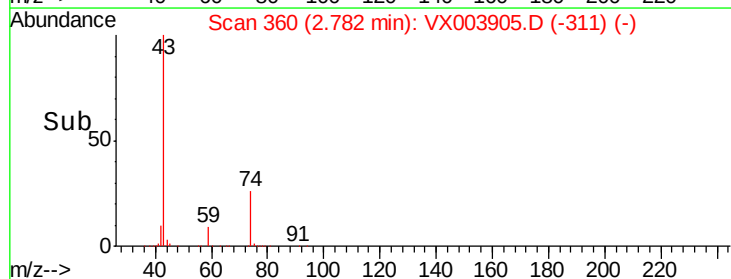
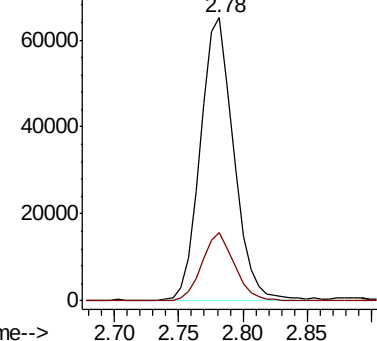
43 100

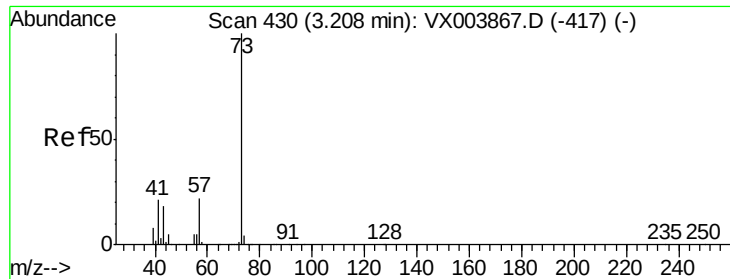
74 24.0 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





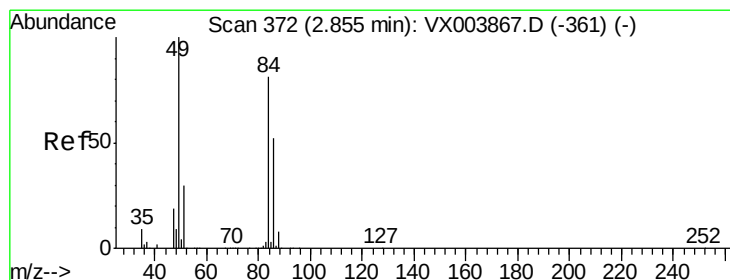
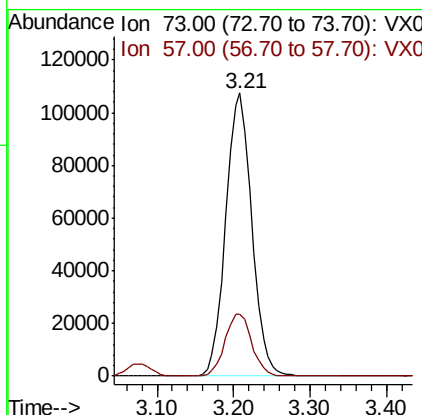
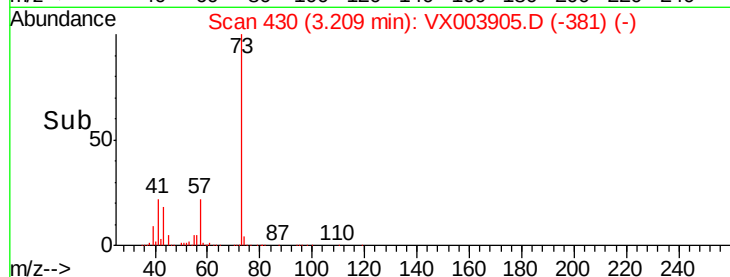
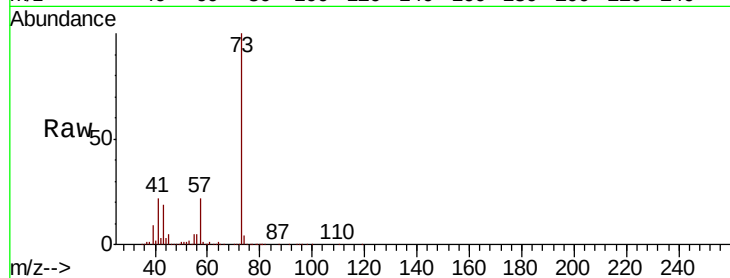
#19
Methyl tert-butyl Ether
Concen: 20.44 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD03

Tot Ion	73	Resp	252335
Ion Ratio	100	Lower	Upper
73	100	18.0	27.0
57	22.0		

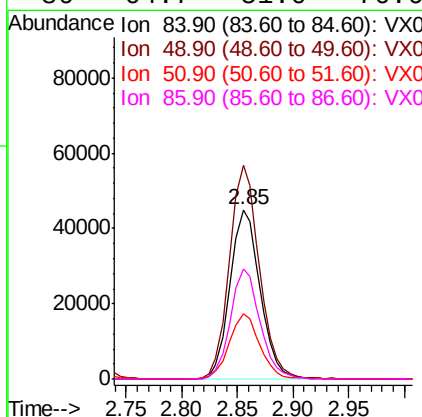
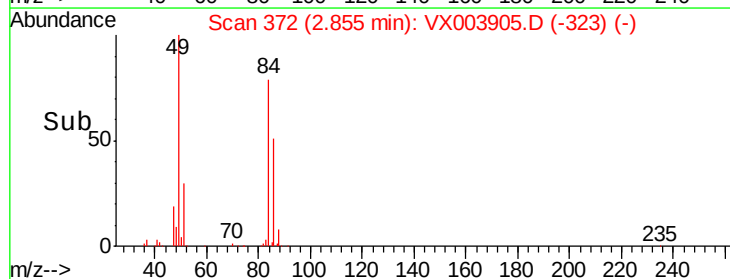
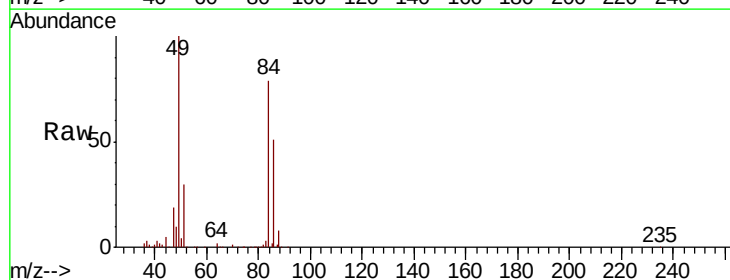
Manual Integrations
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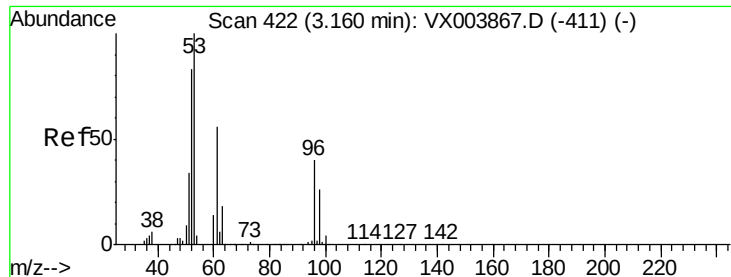
MMDadoda
8/8/2018 12:06:16 PM



#20
Methylene Chloride
Concen: 19.89 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion	84	Resp	84663
Ion Ratio	100	Lower	Upper
84	100	98.9	148.3
49	126.0	29.9	44.9
51	38.4	51.0	76.6
86	64.7		





#21

trans-1,2-Dichloroethene

Concen: 19.38 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

Tot Ion: 96 Resp: 76646

Ion Ratio Lower Upper

96 100

61 138.7 111.8 167.6

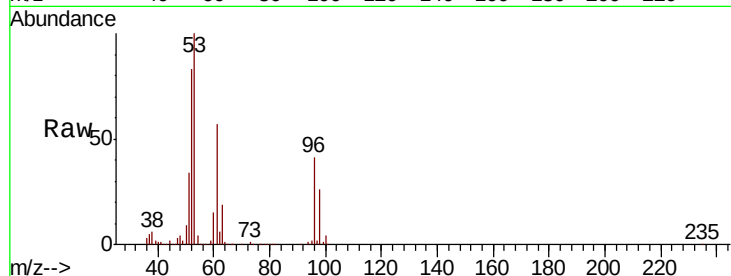
98 64.0 51.8 77.6

Manual Integrations

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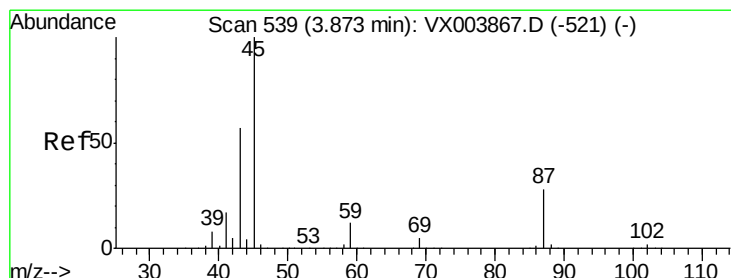
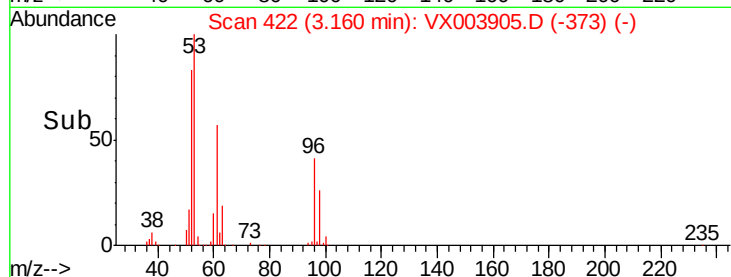
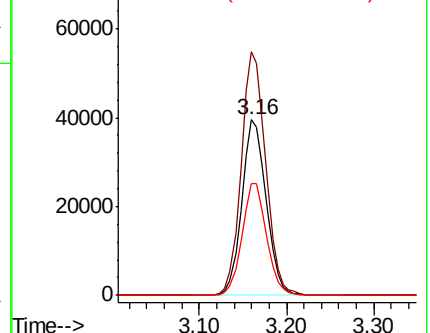
8/8/2018 12:06:16 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.24 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Tgt Ion: 45 Resp: 249911

Ion Ratio Lower Upper

45 100

43 55.4 45.3 67.9

87 27.4 22.7 34.1

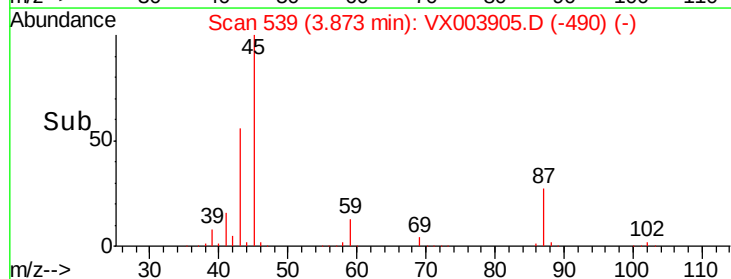
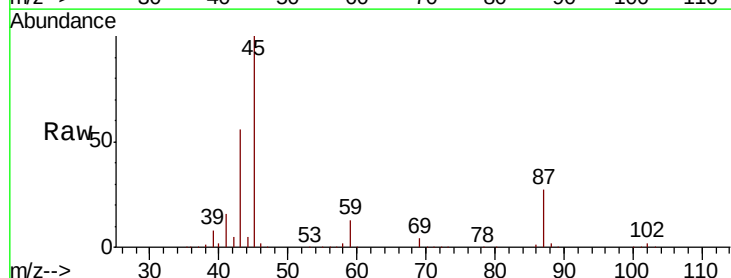
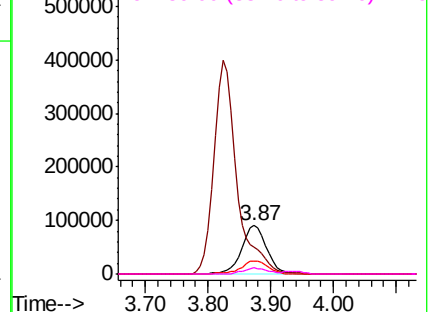
59 12.9 9.6 14.4

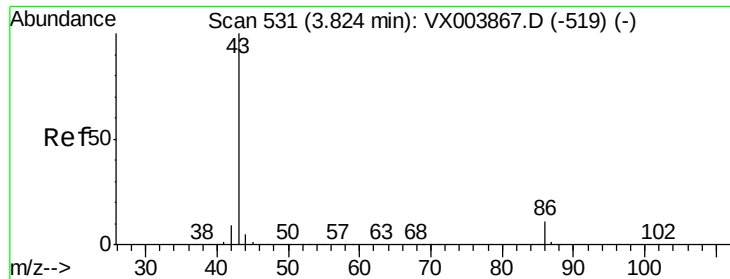
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 98.70 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

Tot Ion: 43 Resp: 1013845

Ion Ratio Lower Upper

43 100

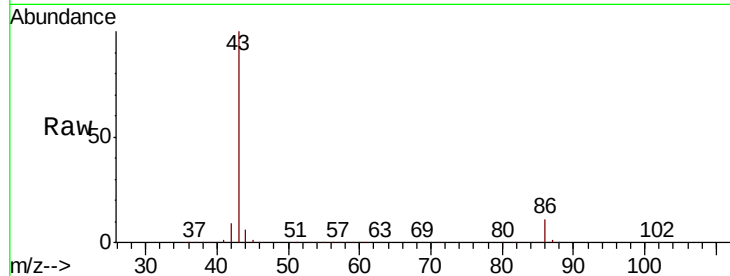
86 11.0 8.9 13.3

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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

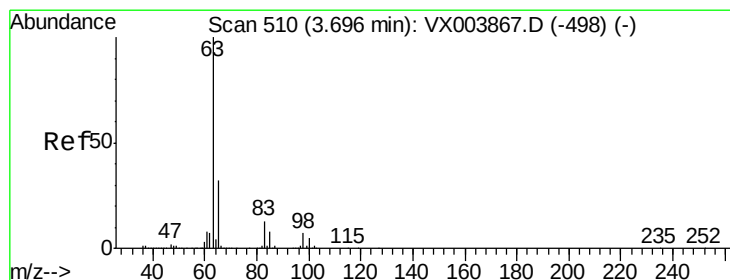
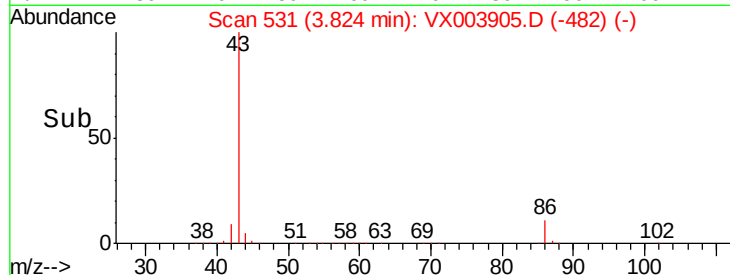
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.52 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

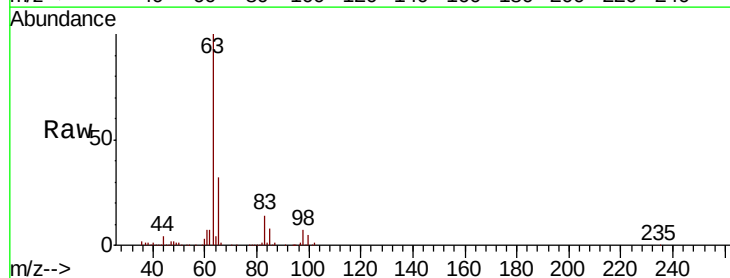
Tgt Ion: 63 Resp: 150495

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

100 4.5 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

80000

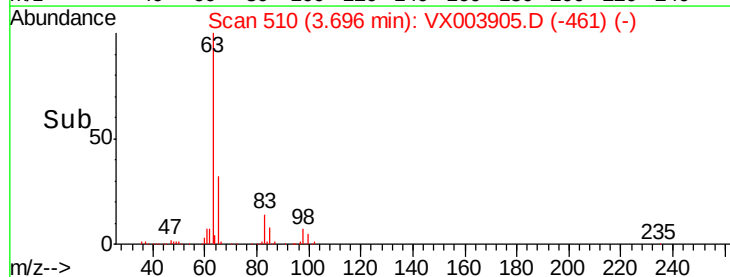
60000

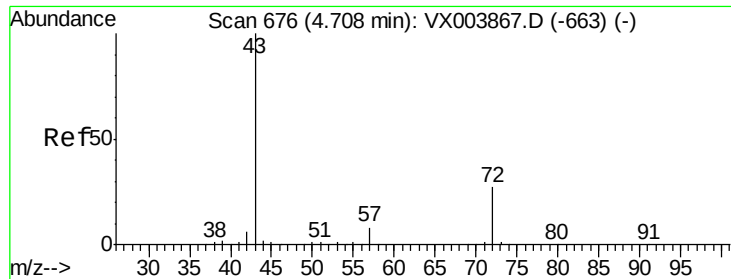
40000

20000

0

Time-->





#25

2-Butanone

Concen: 100.89 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

Tot Ion: 43 Resp: 388302

Ion Ratio Lower Upper

43 100

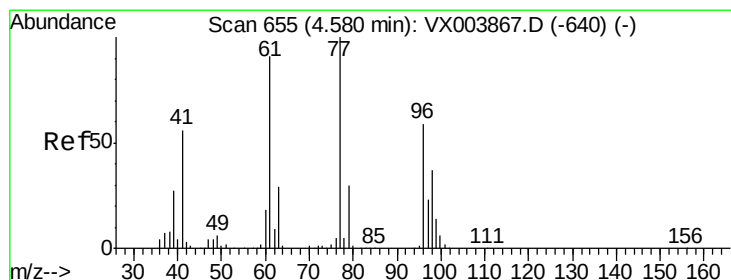
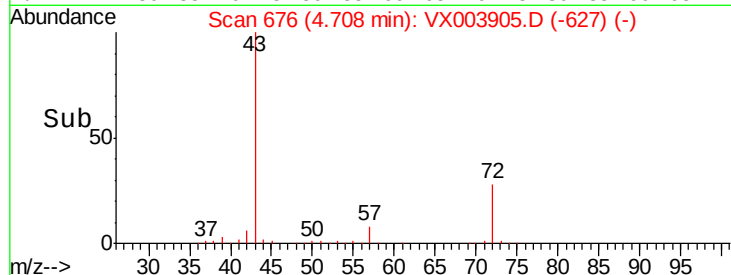
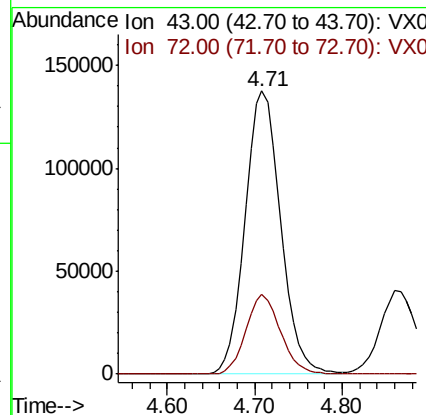
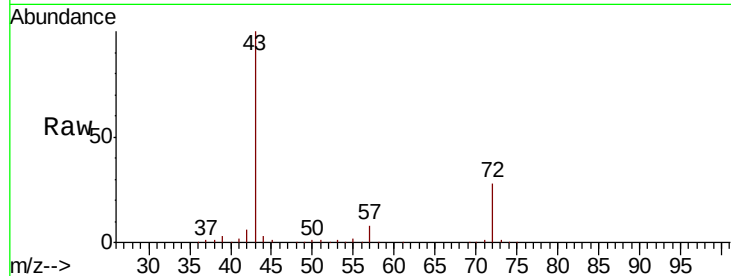
72 28.1 21.4 32.0

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 11.49 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX003905.D

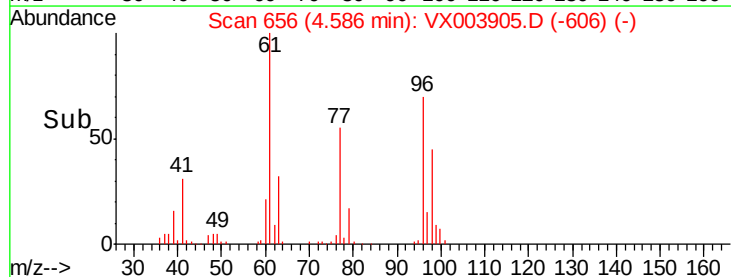
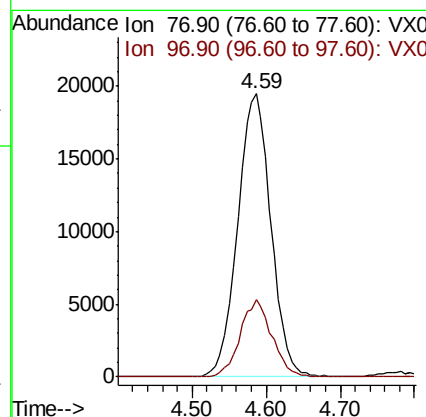
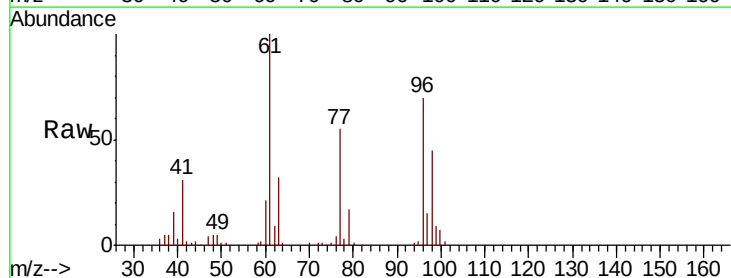
Acq: 08 Aug 2018 03:38

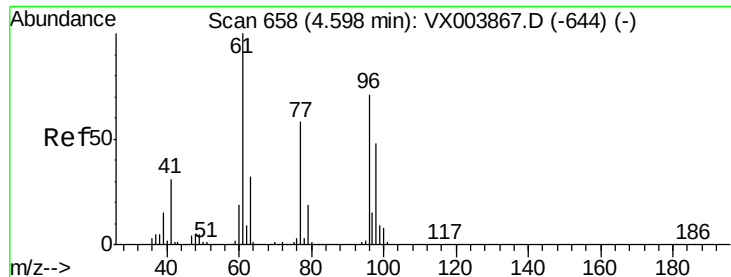
Tgt Ion: 77 Resp: 60761

Ion Ratio Lower Upper

77 100

97 25.9 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 20.00 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

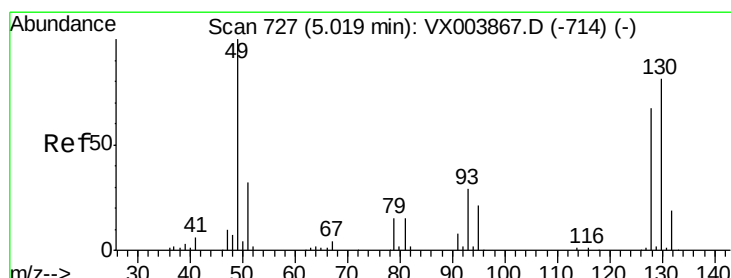
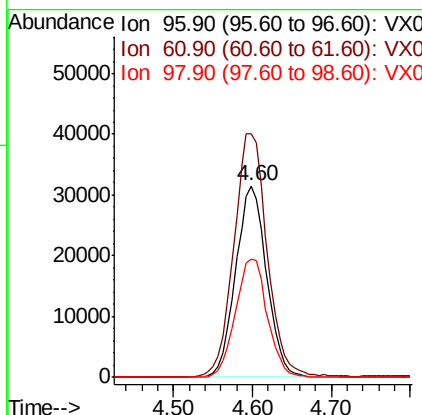
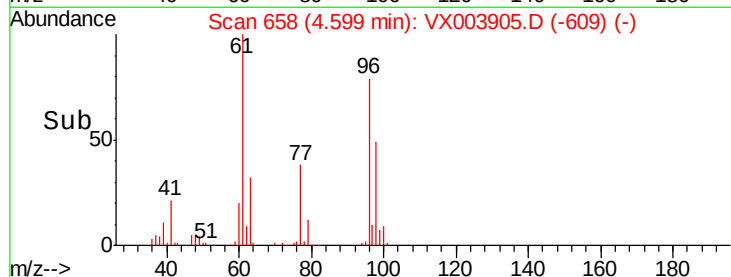
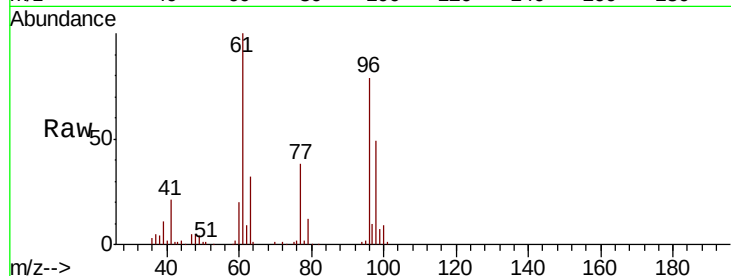
ClientSampleId :

VX0807WBSD03

Tot Ion:	96	Resp:	85852
Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	293.0
98	63.8	0.0	131.8

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#28

Bromochloromethane

Concen: 20.15 ug/l

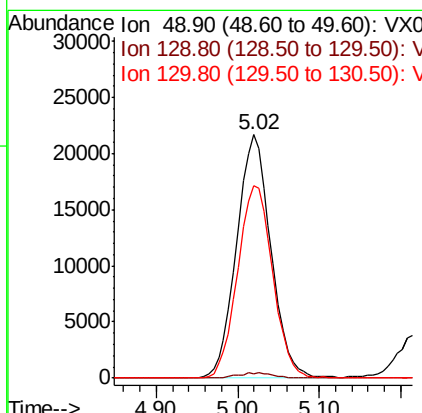
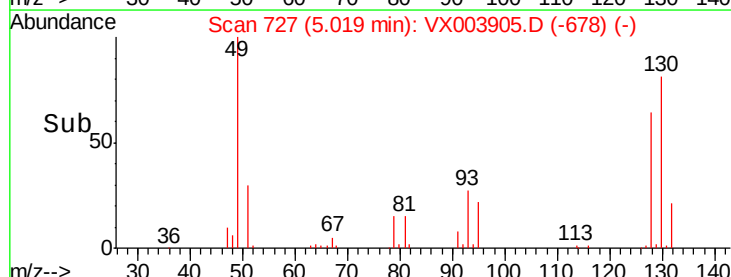
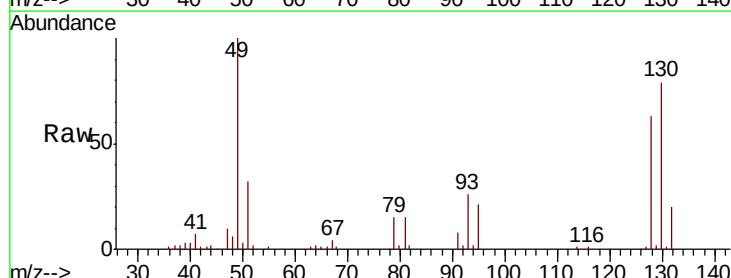
RT: 5.02 min Scan# 727

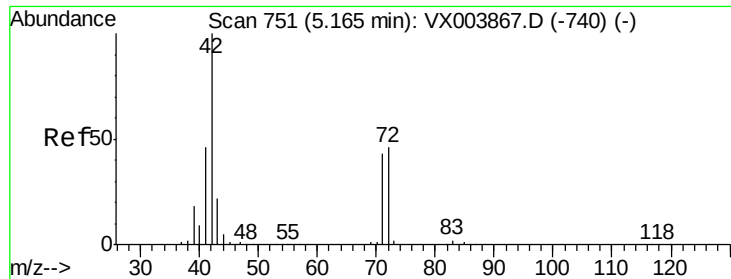
Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Tgt Ion:	49	Resp:	63230
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	80.9	66.5	99.7





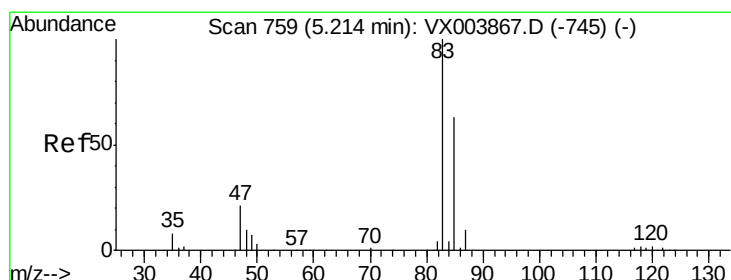
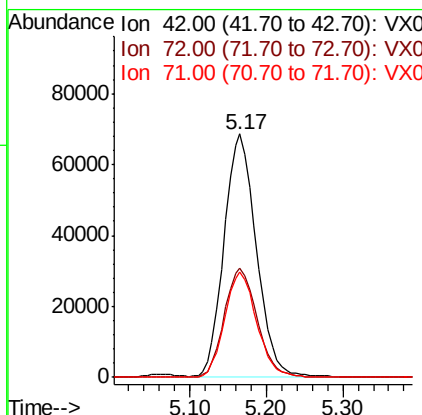
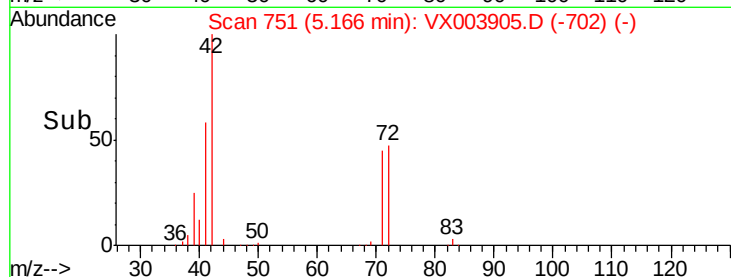
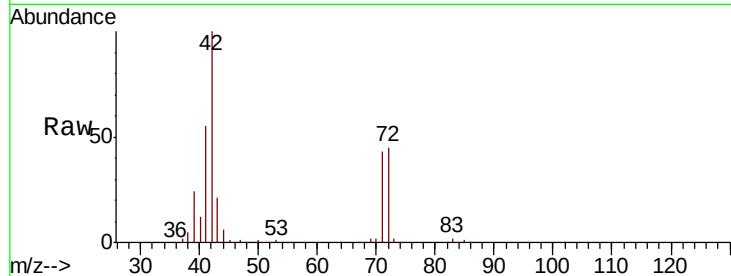
#29
Tetrahydrofuran
Concen: 100.73 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD03

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	37.7	56.5
71	43.1	35.0	52.6

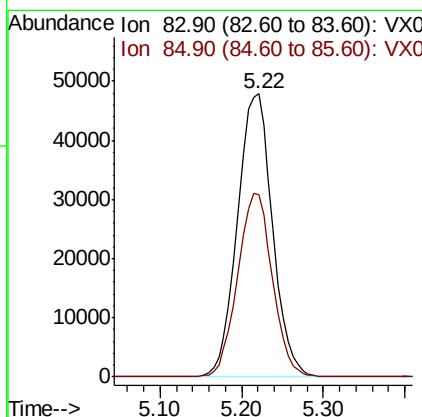
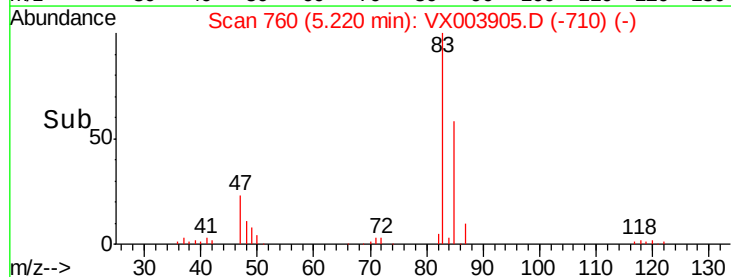
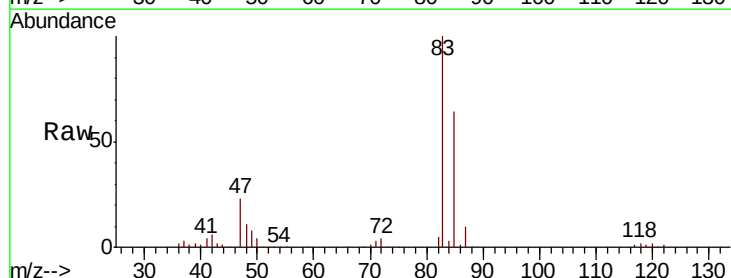
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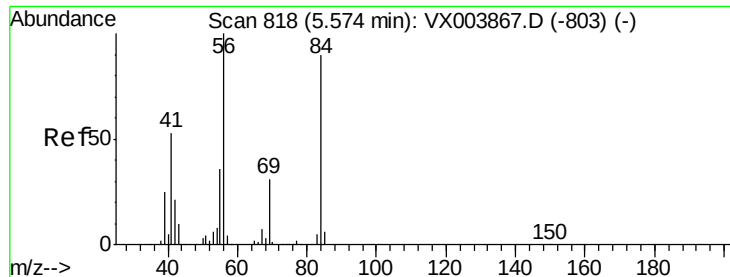
MMDadoda
8/8/2018 12:06:16 PM



#30
Chloroform
Concen: 20.69 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.7	76.1





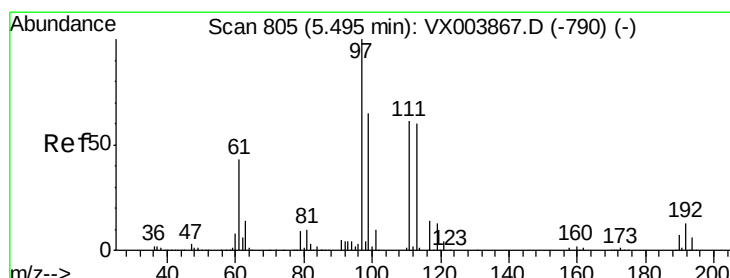
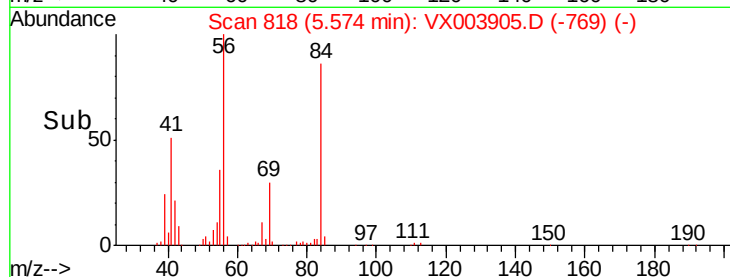
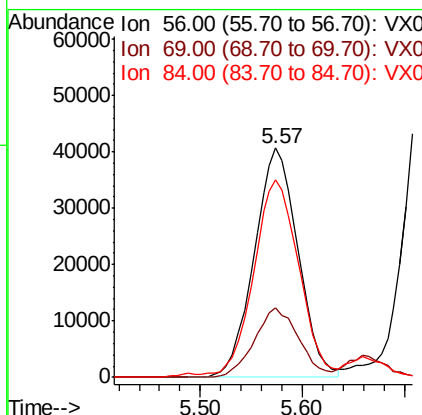
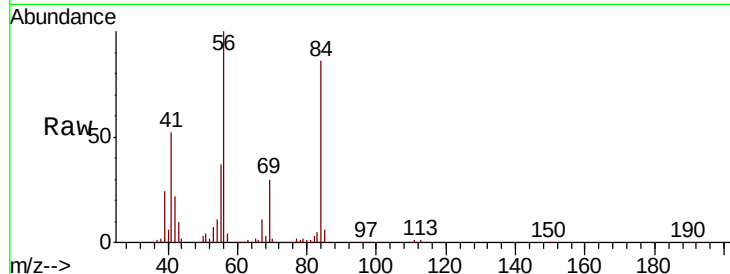
#31
Cyclohexane
Concen: 19.50 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD03

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.9	37.3
84	84.5	71.7	107.5

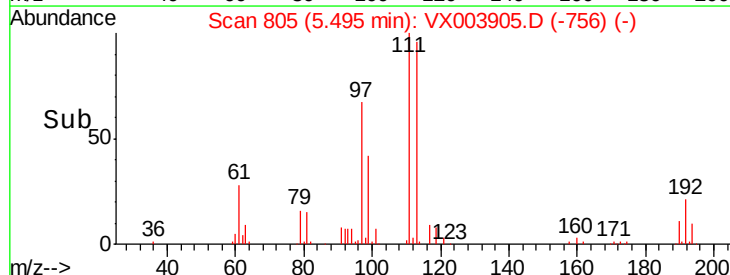
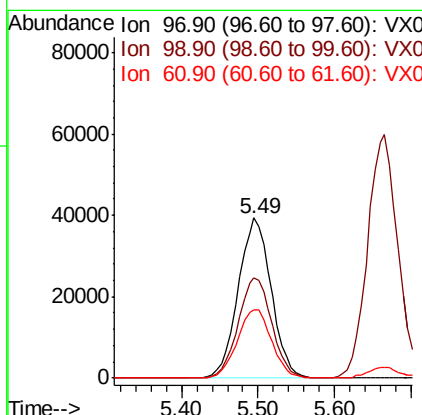
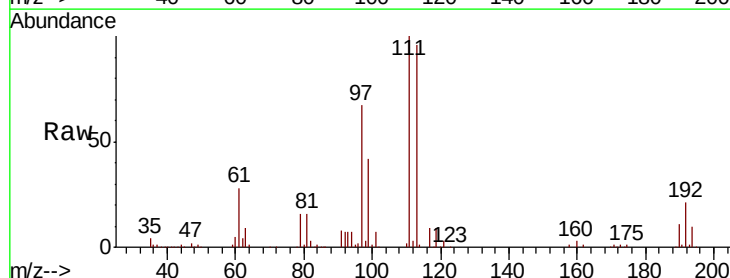
Manual Integrations
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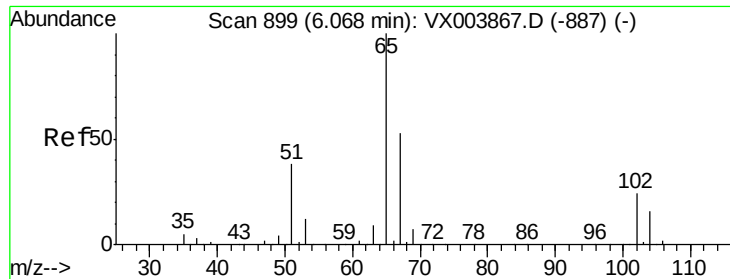
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 20.37 ug/l
RT: 5.49 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.8	77.8
61	44.6	34.4	51.6





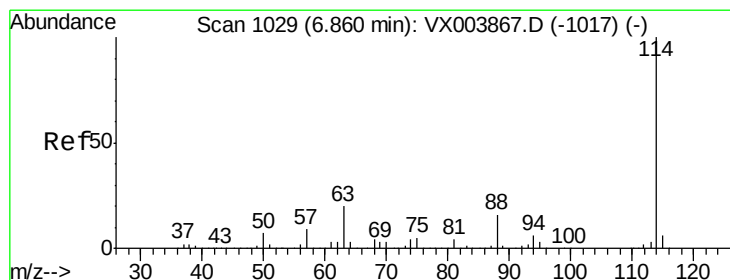
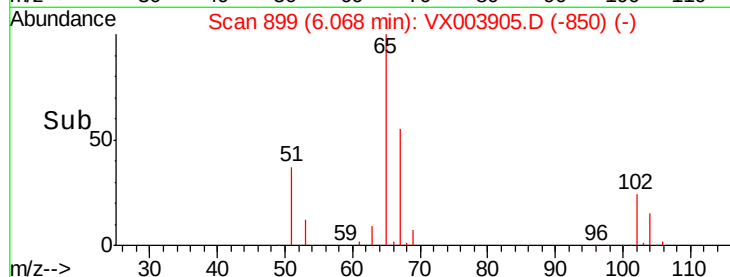
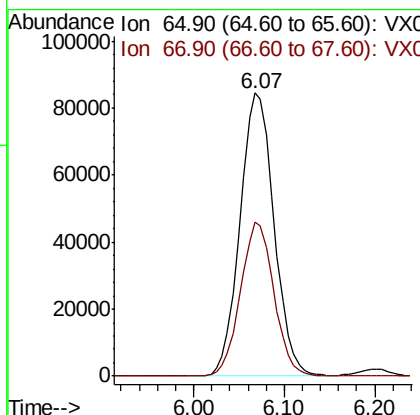
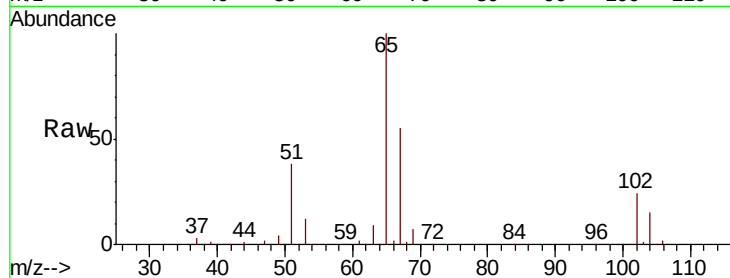
#33
 1,2-Dichloroethane-d4
 Concen: 51.09 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
65	100	219845		
67	53.4	0.0	105.8	

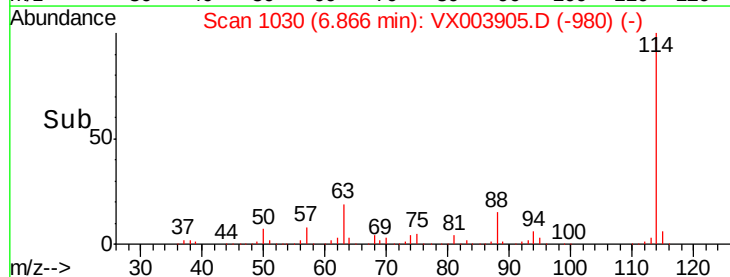
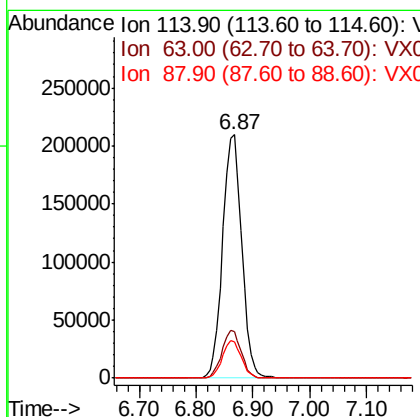
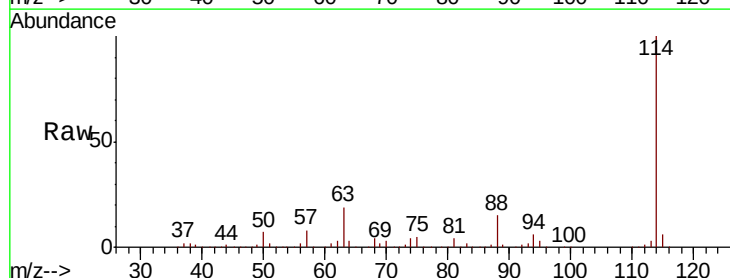
Manual Integrations
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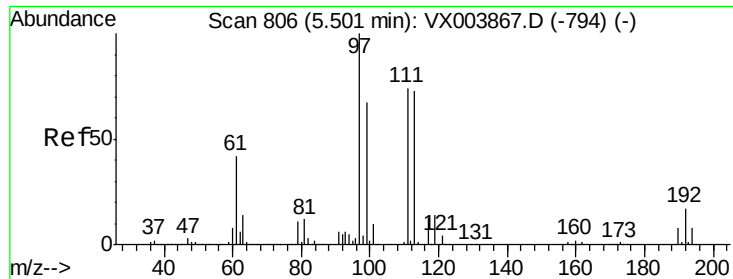
MMDadoda
 8/8/2018 12:06:16 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	491024		
63	19.3	0.0	39.0	
88	15.0	0.0	32.0	





#35

Dibromofluoromethane

Concen: 48.81 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

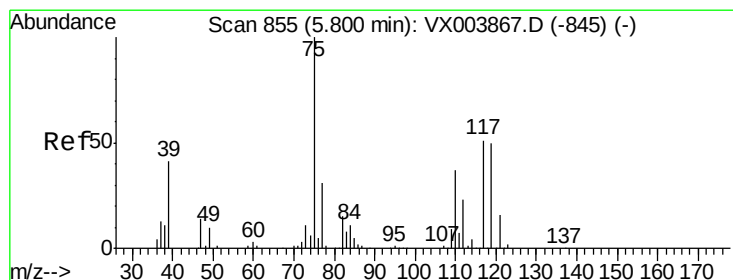
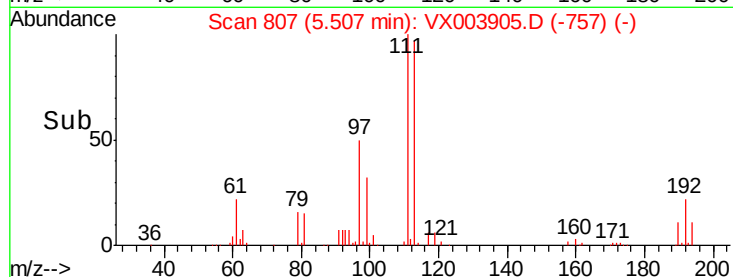
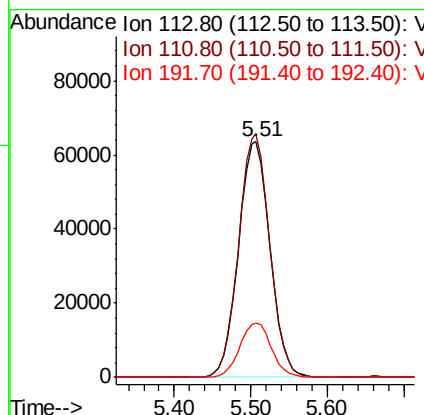
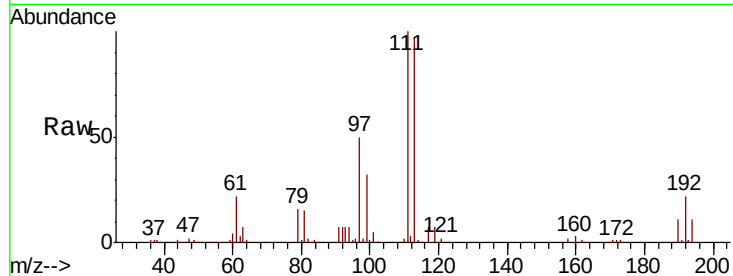
ClientSampleId :

VX0807WBSD03

Tot Ion:	113	Resp:	181586
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.0	123.0
192	23.2	19.0	28.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.08 ug/l

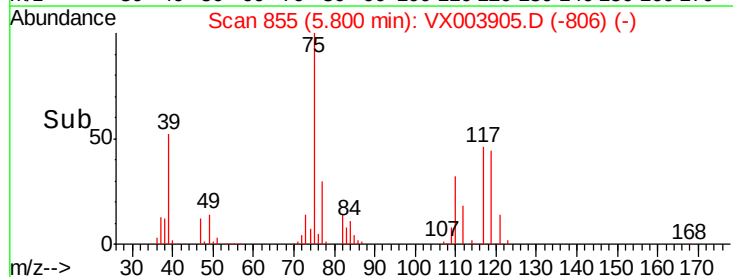
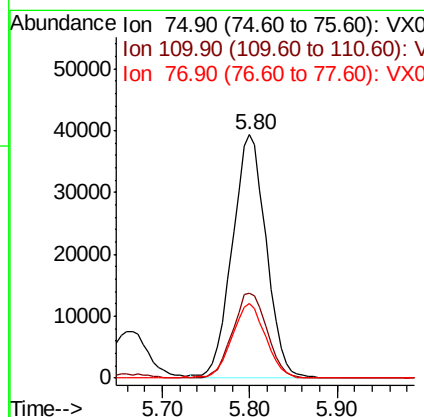
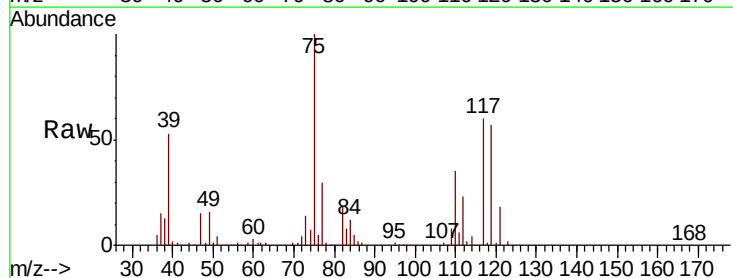
RT: 5.80 min Scan# 855

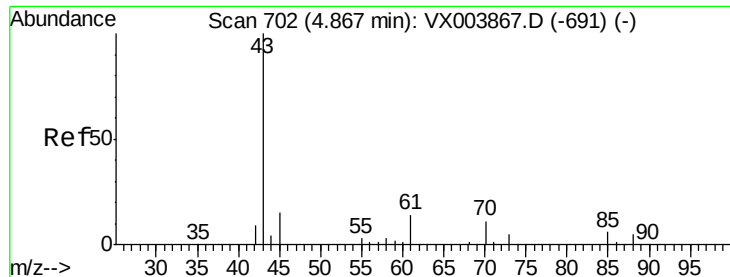
Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Tgt Ion:	75	Resp:	104925
Ion Ratio	Lower	Upper	
75	100		
110	36.1	18.2	54.6
77	30.8	25.0	37.4





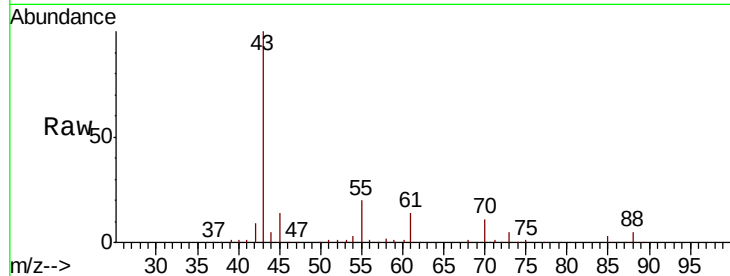
#37
Ethyl Acetate
Concen: 19.49 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD03

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.5	17.3
70	11.1	9.0	13.4

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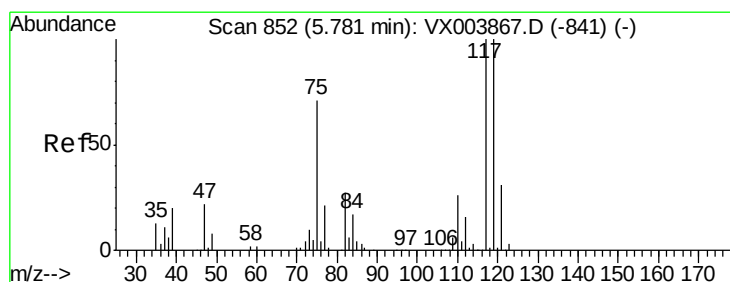
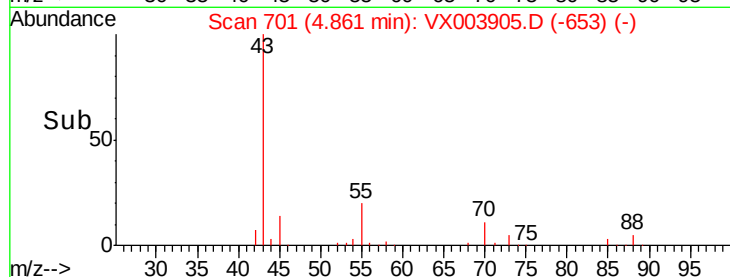
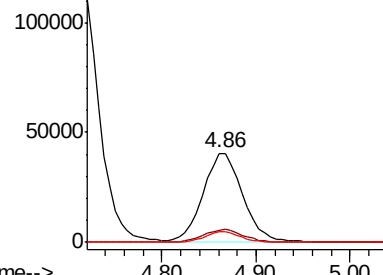


Abundance

Ion 43.00 (42.70 to 43.70): VX003867.D (-691) (-)

Ion 60.90 (60.60 to 61.60): VX003867.D (-691) (-)

Ion 70.00 (69.70 to 70.70): VX003867.D (-691) (-)



#38
Carbon Tetrachloride
Concen: 19.28 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

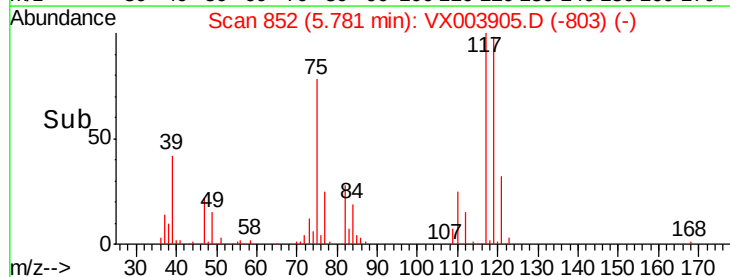
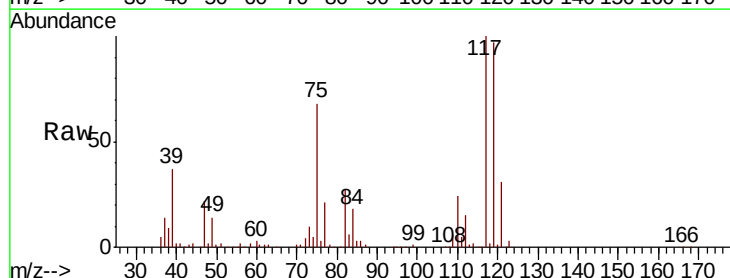
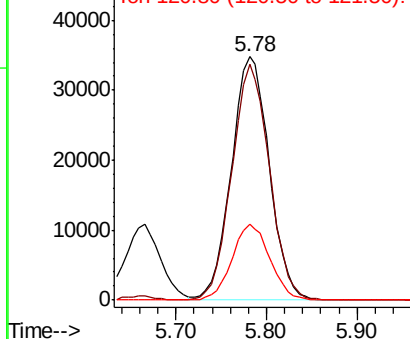
Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	79.5	119.3
121	31.3	25.0	37.4

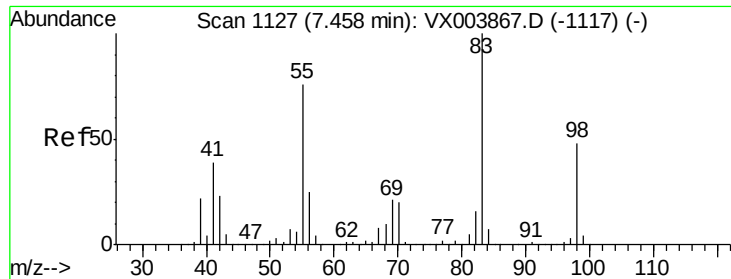
Abundance

Ion 116.80 (116.50 to 117.50): VX003867.D (-841) (-)

Ion 118.80 (118.50 to 119.50): VX003867.D (-841) (-)

Ion 120.80 (120.50 to 121.50): VX003867.D (-841) (-)





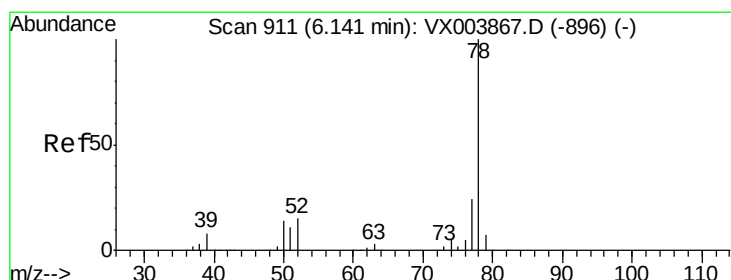
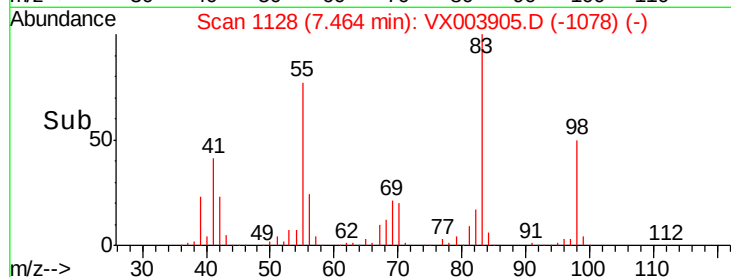
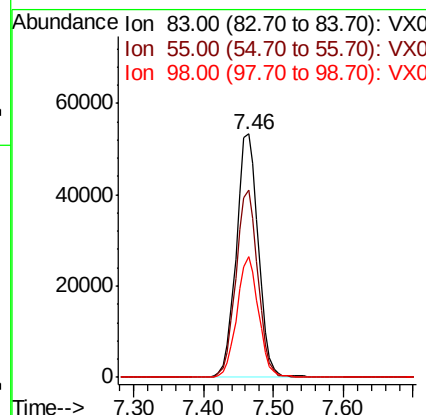
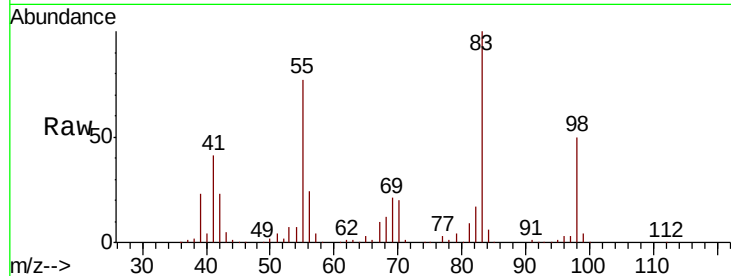
#39
Methylvlcyclohexane
Concen: 18.03 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	76.7	61.0	91.6	
98	49.6	38.6	57.8	

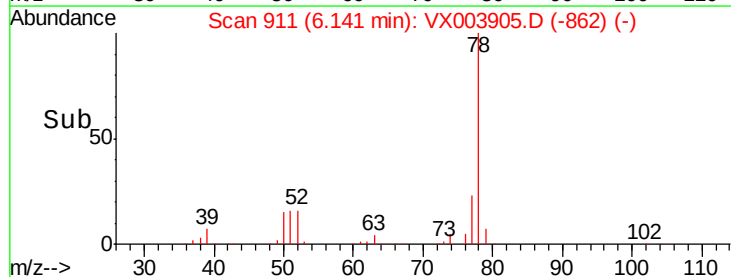
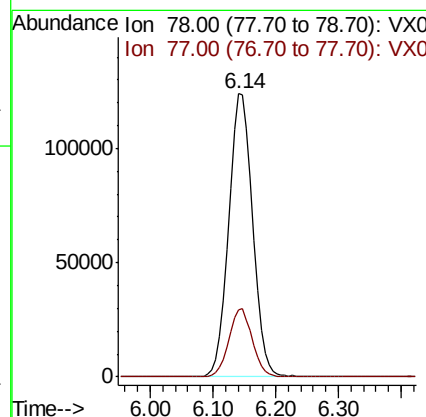
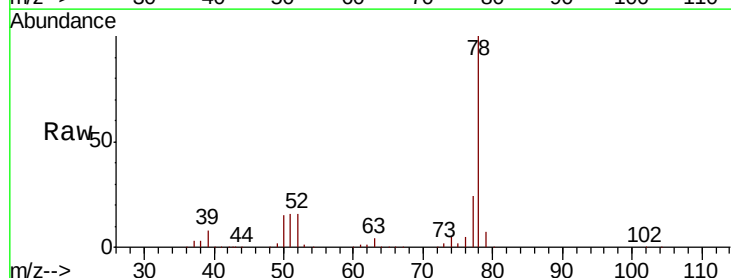
Manual Integrations
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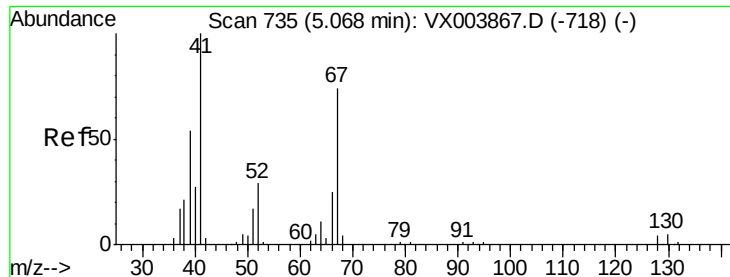
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#40
Benzene
Concen: 19.86 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.6	19.0	28.4	





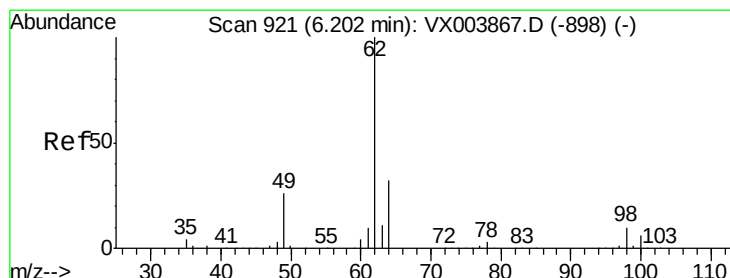
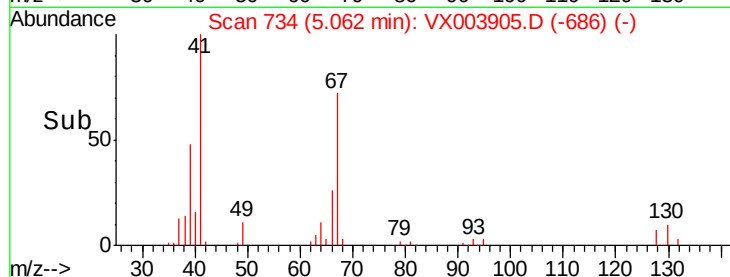
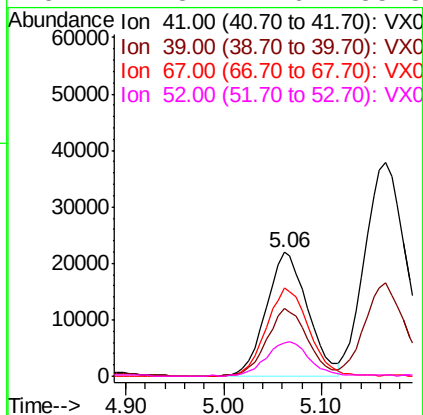
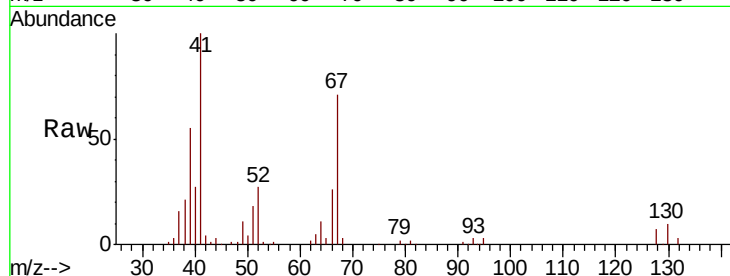
#41
Methacrylonitrile
Concen: 19.64 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD03

Tot Ion:	41	Resp:	65433
Ion	Ratio	Lower	Upper
41	100		
39	53.9	42.7	64.1
67	72.4	58.9	88.3
52	27.3	22.6	33.8

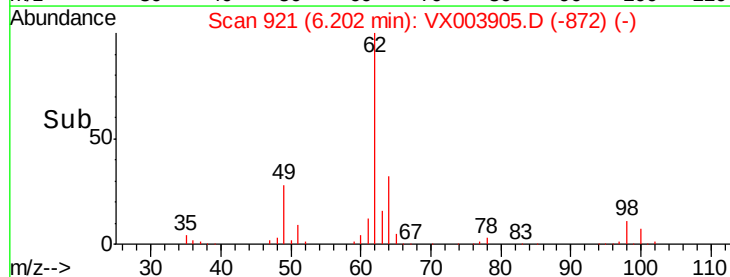
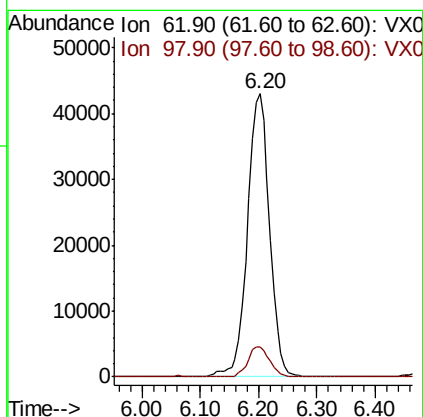
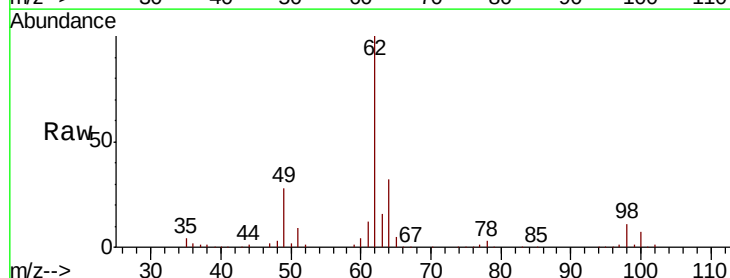
Manual Integrations
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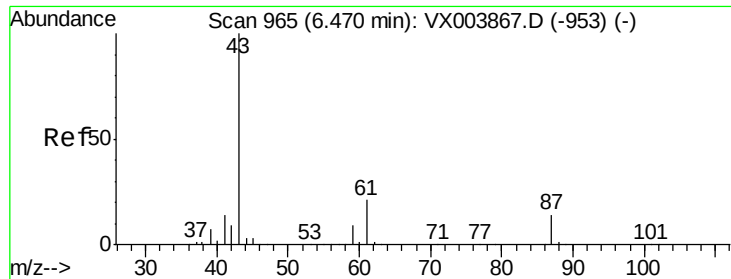
MMDadoda
8/8/2018 12:06:16 PM



#42
1,2-Dichloroethane
Concen: 20.23 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion:	62	Resp:	112973
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.4





#43

Isopropyl Acetate

Concen: 19.30 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

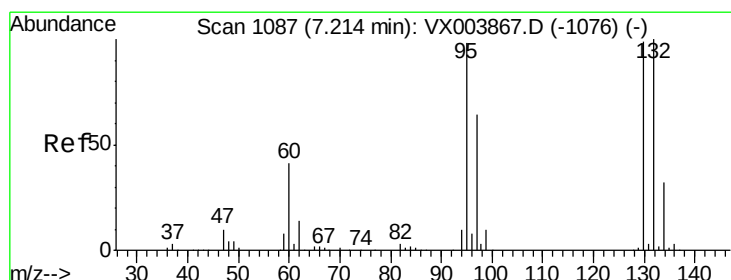
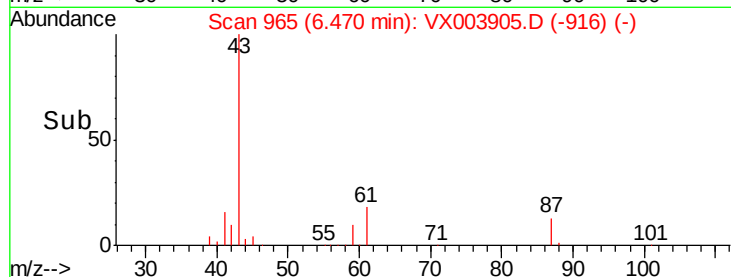
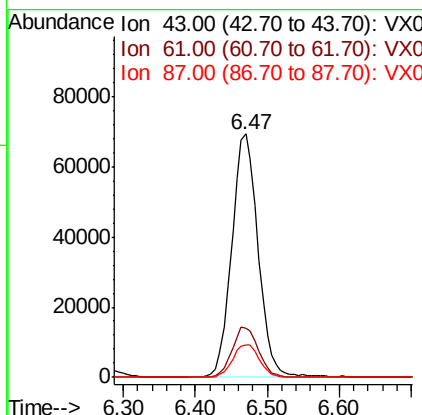
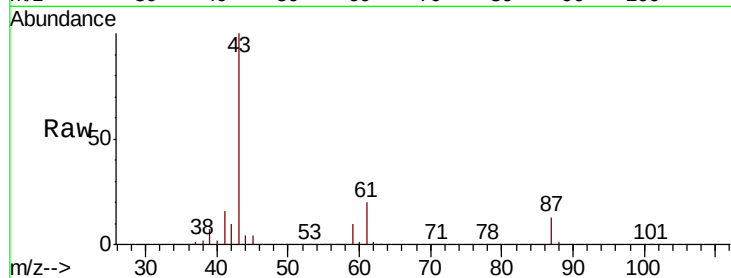
ClientSampleId :

VX0807WBSD03

Tot Ion:	43	Resp:	175696
Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.9	25.3
87	14.0	11.3	16.9

Manual Integrations
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#44

Trichloroethene

Concen: 18.90 ug/l

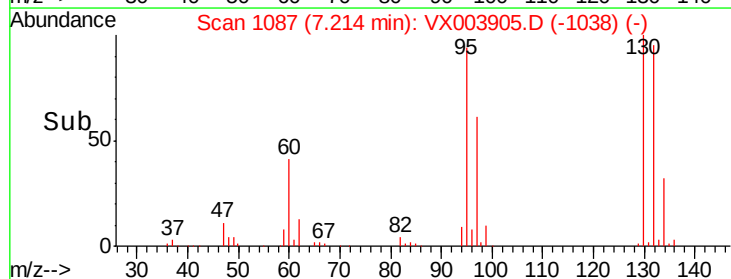
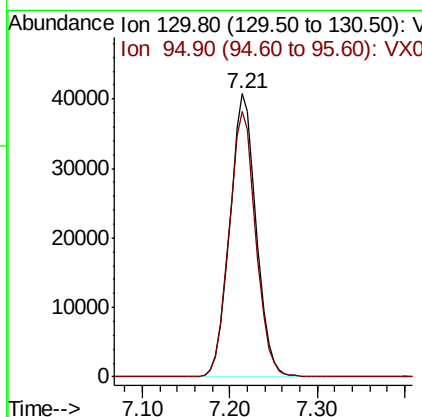
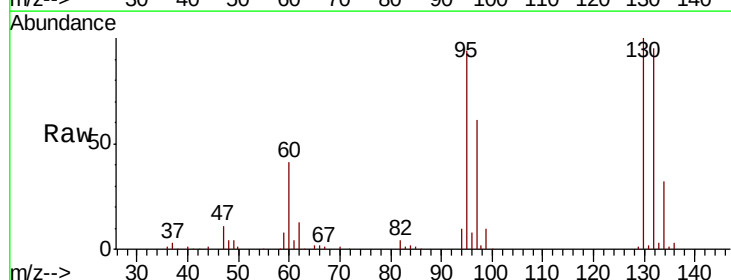
RT: 7.21 min Scan# 1087

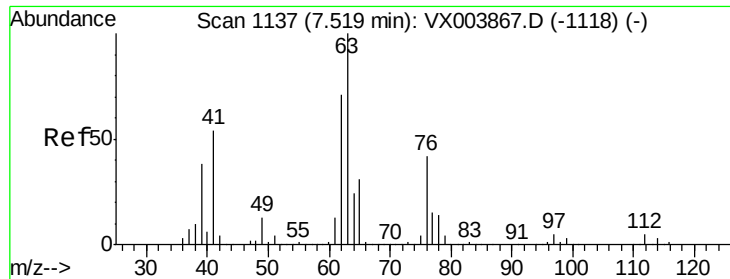
Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Tgt Ion:	130	Resp:	85363
Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	199.4





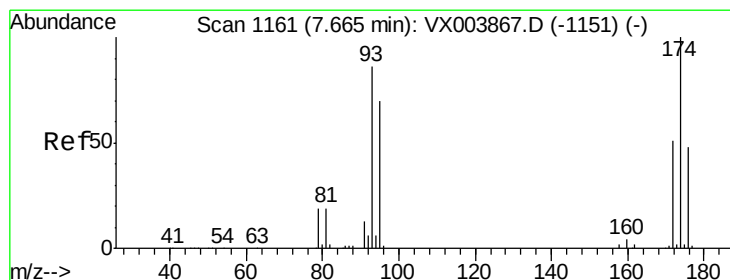
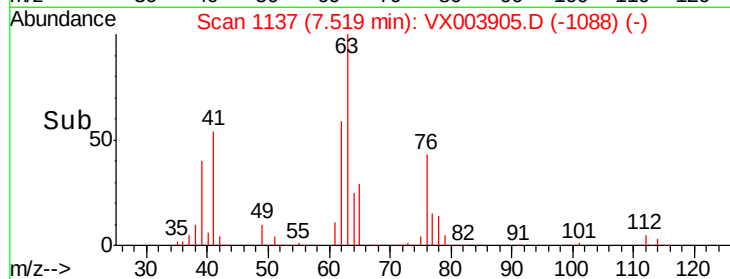
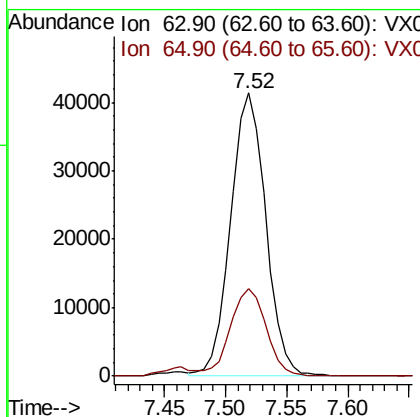
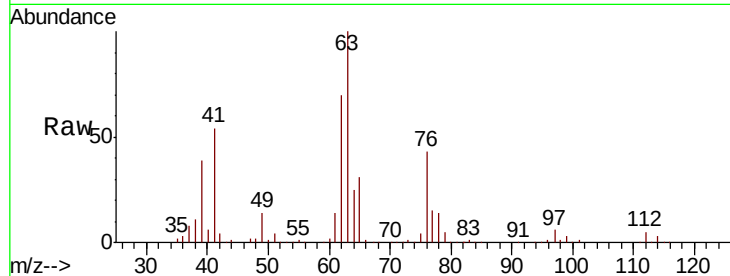
#45
 1,2-Dichloropropane
 Concen: 19.17 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD03

Tot Ion: 63 Resp: 81762
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 36.8

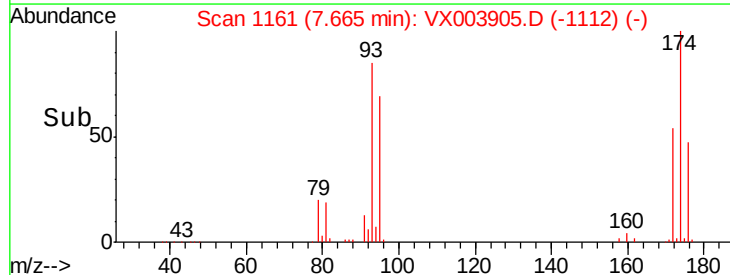
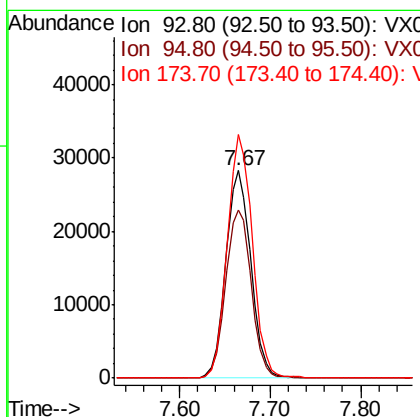
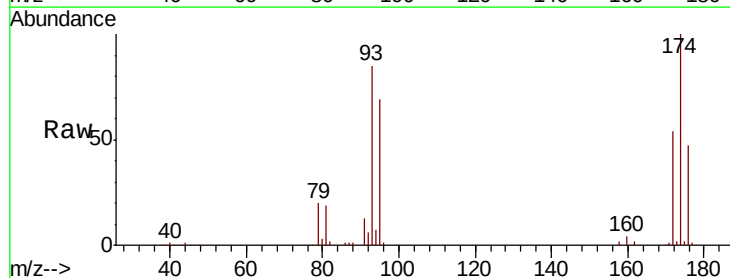
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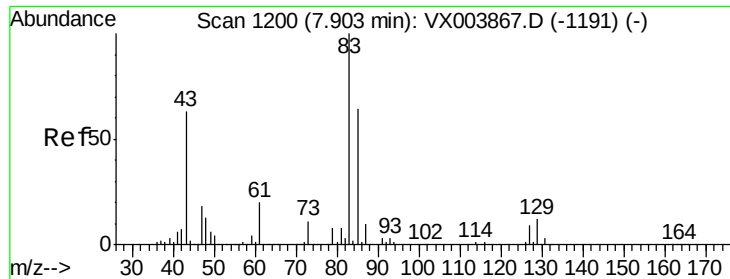
MMDadoda
 8/8/2018 12:06:16 PM



#46
 Dibromomethane
 Concen: 19.61 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Tgt Ion: 93 Resp: 54291
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.4 99.6
 174 117.1 94.3 141.5





#47

Bromodichloromethane

Concen: 19.35 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

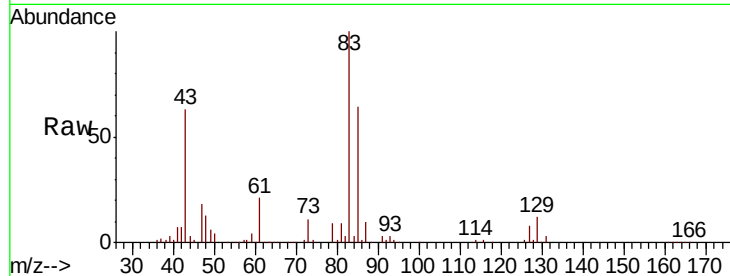
ClientSampleId :

VX0807WBSD03

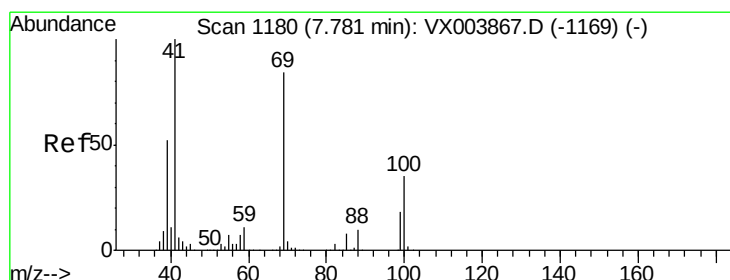
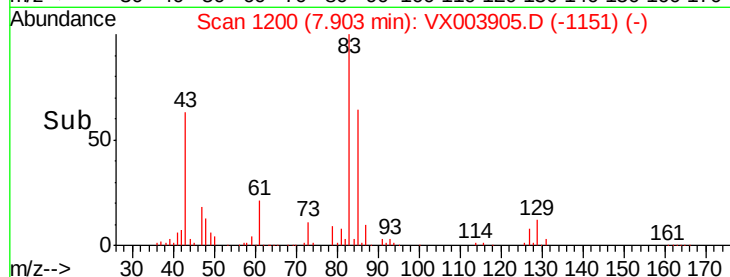
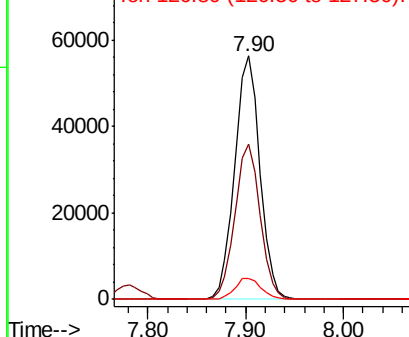
Tot Ion:	83	Resp:	100922
Ion Ratio	Lower	Upper	
83	100		
85	63.7	51.2	76.8
127	8.4	7.2	10.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.44 ug/l

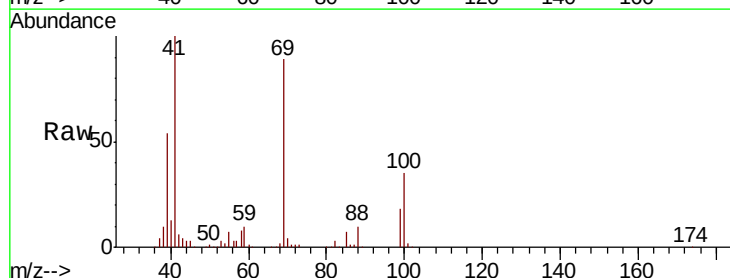
RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

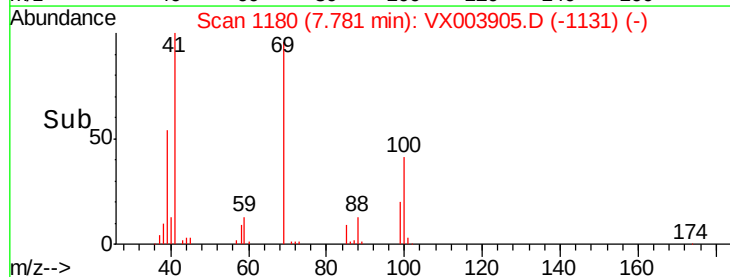
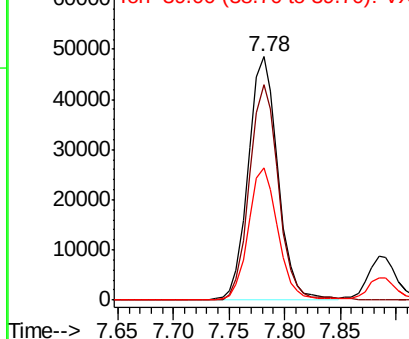
Lab File: VX003905.D

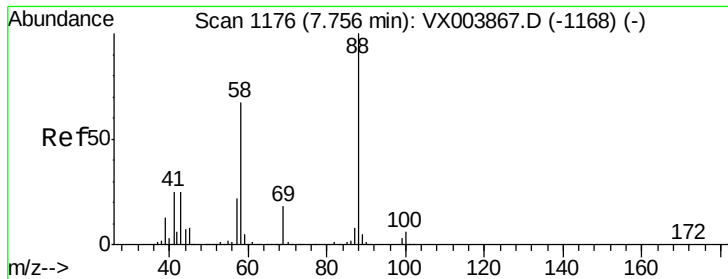
Acq: 08 Aug 2018 03:38

Tgt Ion:	41	Resp:	89945
Ion Ratio	Lower	Upper	
41	100		
69	87.5	68.8	103.2
39	54.3	42.3	63.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





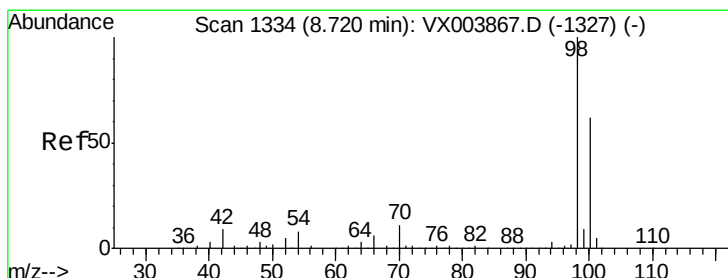
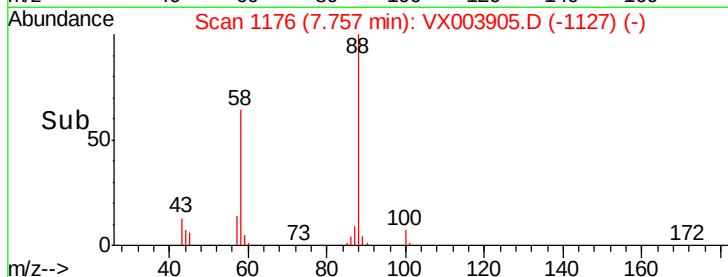
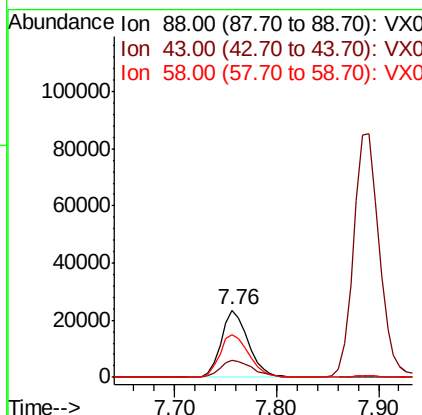
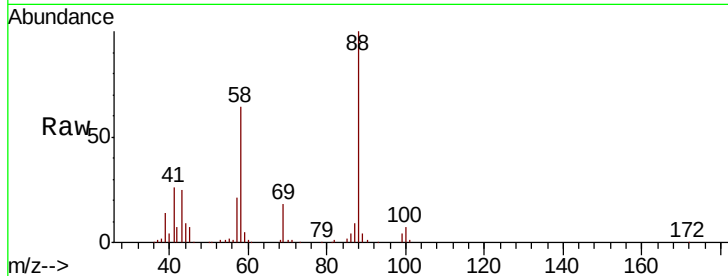
#49
1,4-Dioxane
Concen: 397.74 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD03

Tot Ion	88	Resp	43359
Ion	Ratio	Lower	Upper
88	100		
43	29.5	23.8	35.8
58	69.1	55.4	83.0

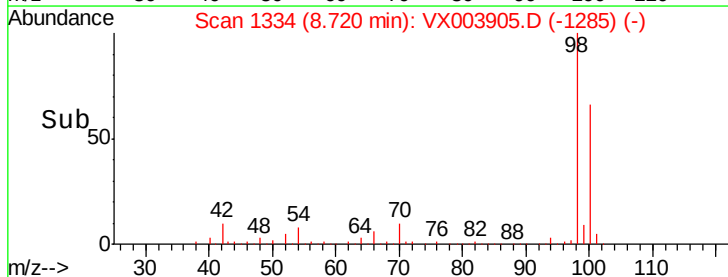
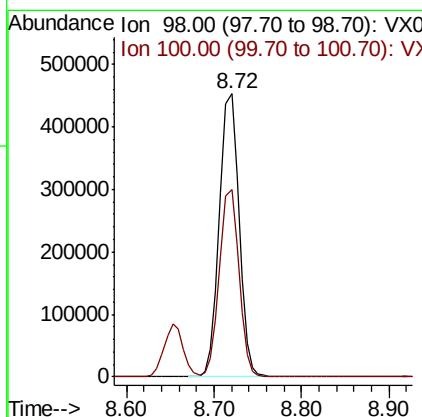
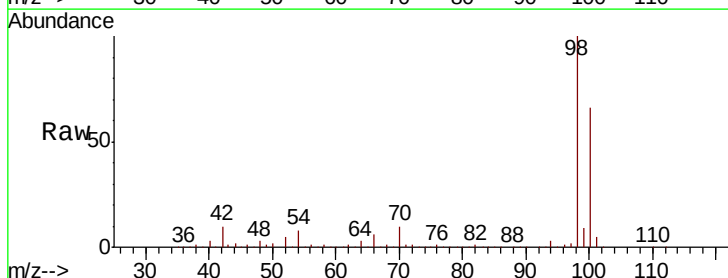
Manual Integrations
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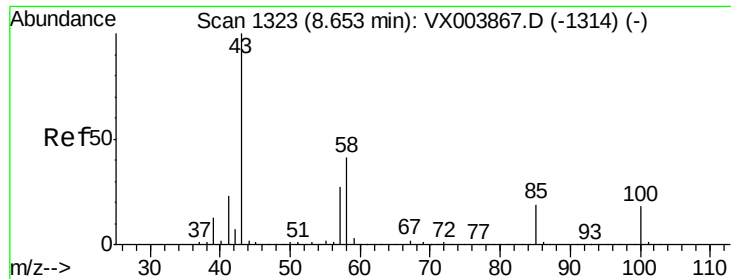
MMDadoda
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#50
Toluene-d8
Concen: 49.06 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion	98	Resp	709638
Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 101.34 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

Tot Ion: 43 Resp: 764698

Ion Ratio Lower Upper

43 100

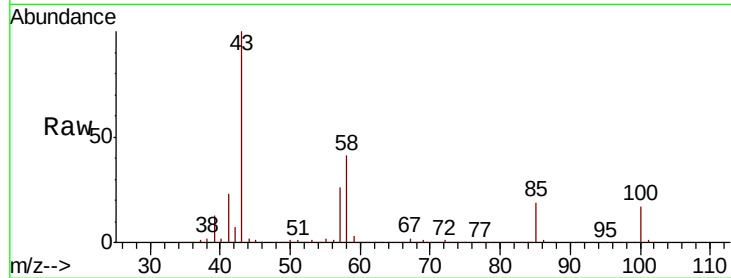
58 41.0 33.0 49.6

Manual Integrations

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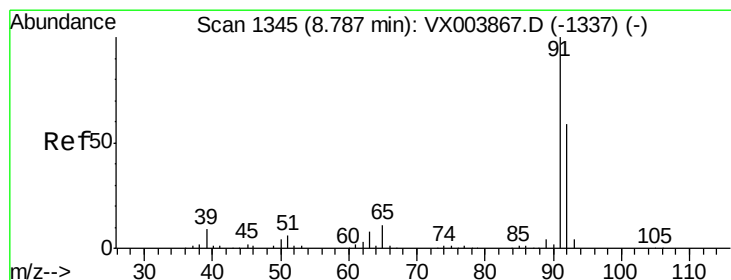
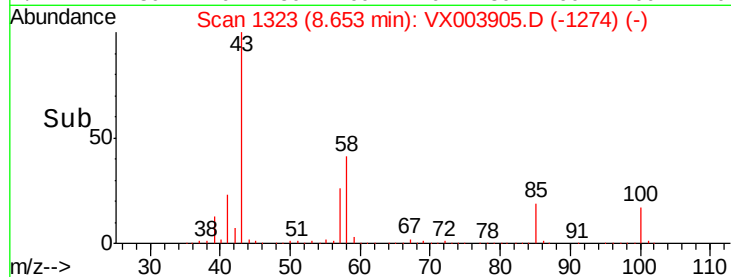
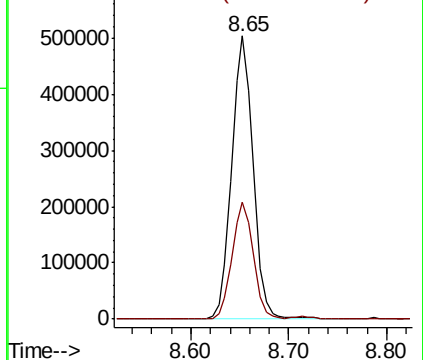
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.84 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003905.D

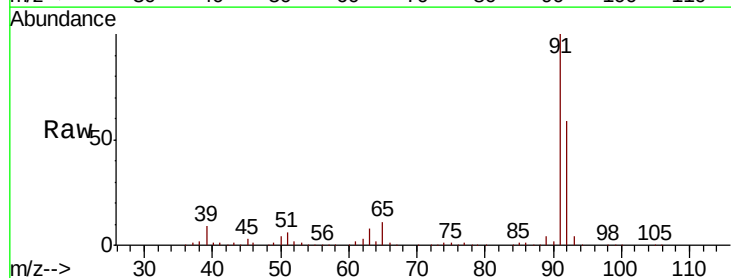
Acq: 08 Aug 2018 03:38

Tgt Ion: 92 Resp: 207067

Ion Ratio Lower Upper

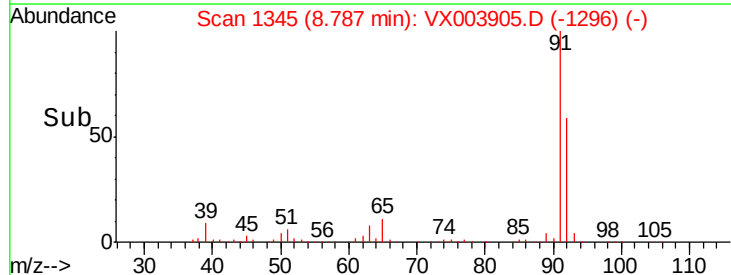
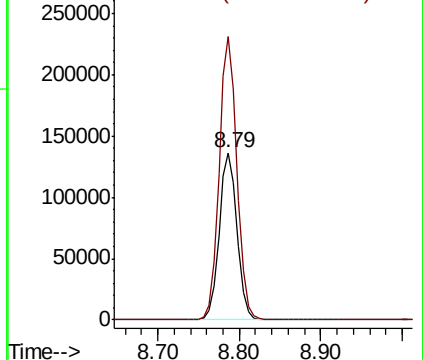
92 100

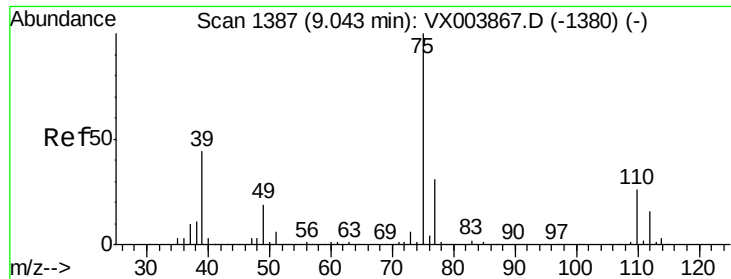
91 169.2 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





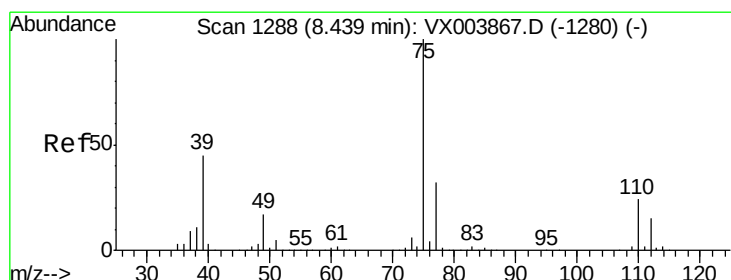
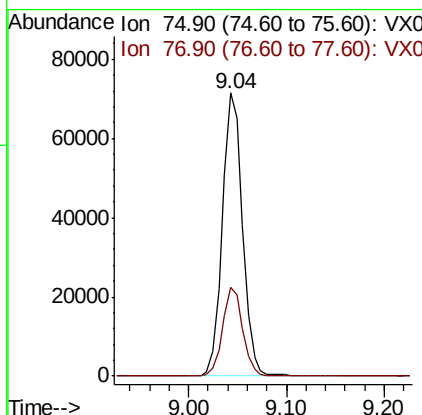
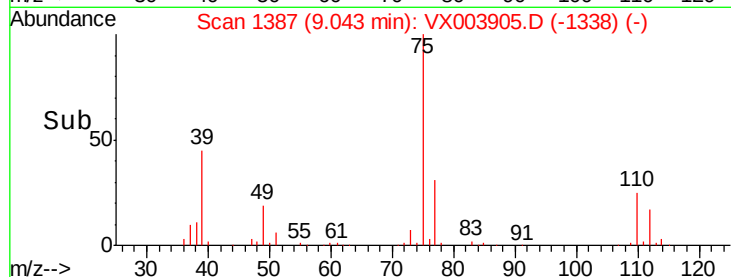
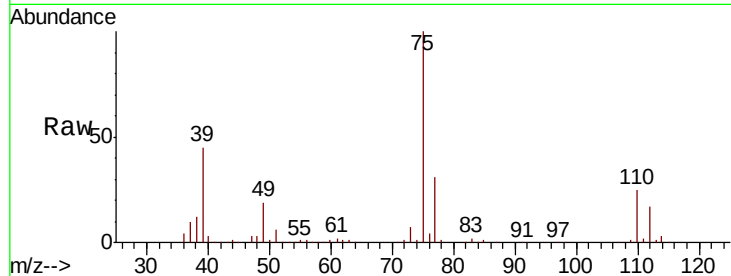
#53
t-1,3-Dichloropropene
Concen: 17.32 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD03

Tot Ion: 75 Resp: 102090
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7

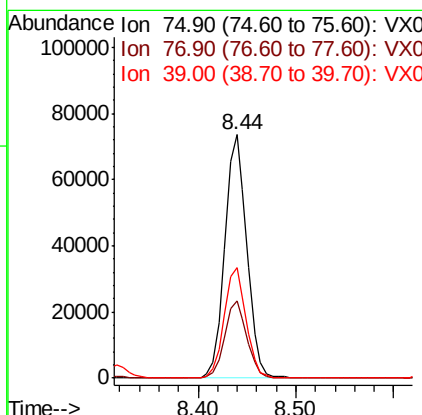
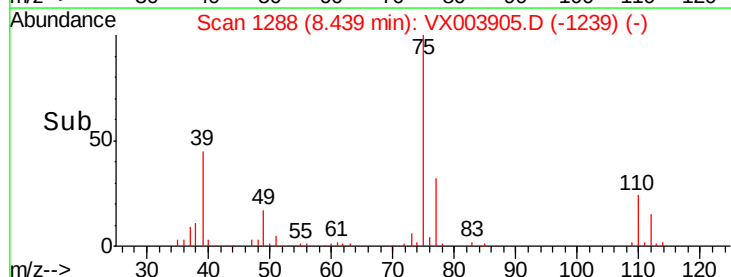
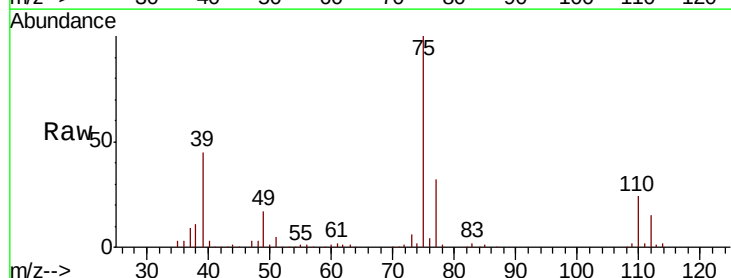
Manual Integrations
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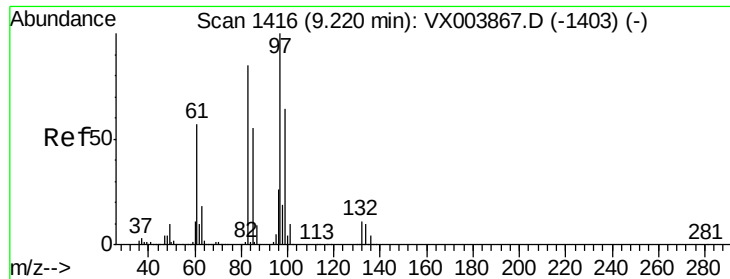
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#54
cis-1,3-Dichloropropene
Concen: 18.04 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion: 75 Resp: 114695
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 45.3 36.2 54.2





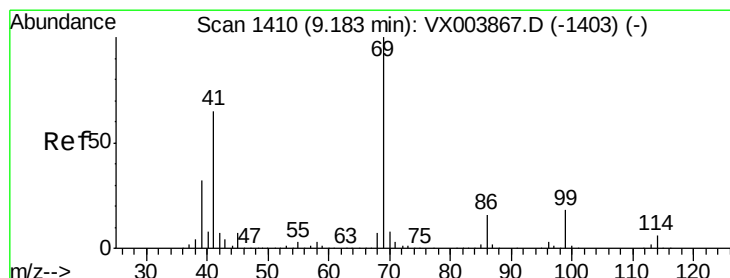
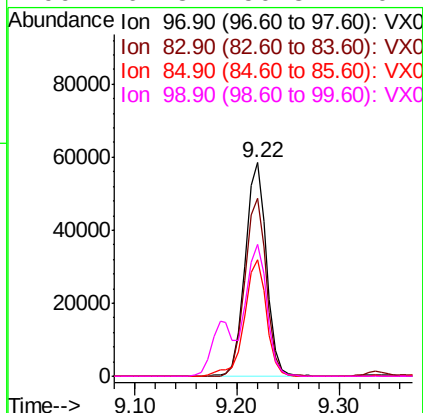
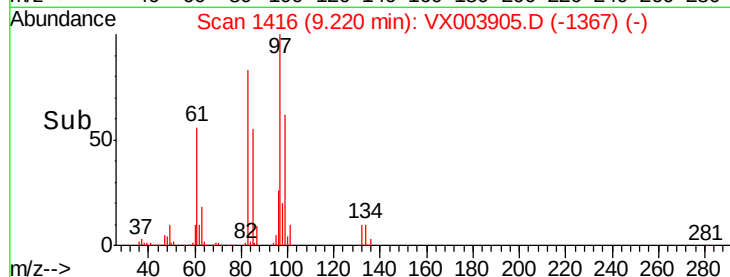
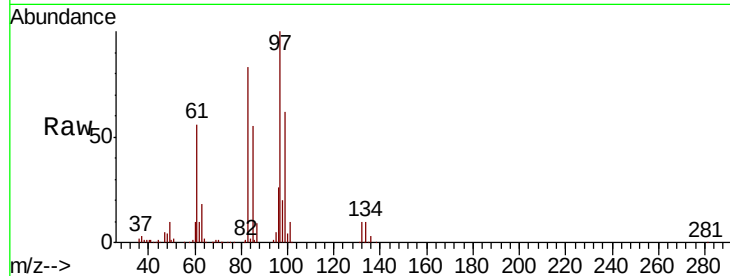
#55
 1,1,2-Trichloroethane
 Concen: 19.84 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD03

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.8	101.6
85	54.6	44.2	66.2
99	61.8	50.8	76.2

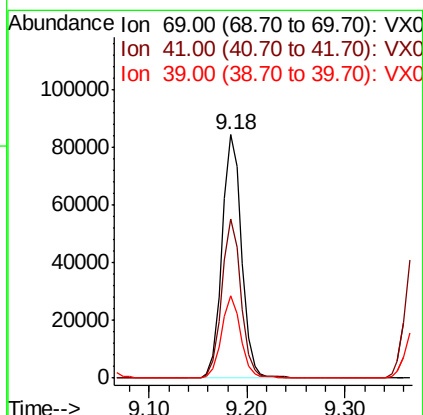
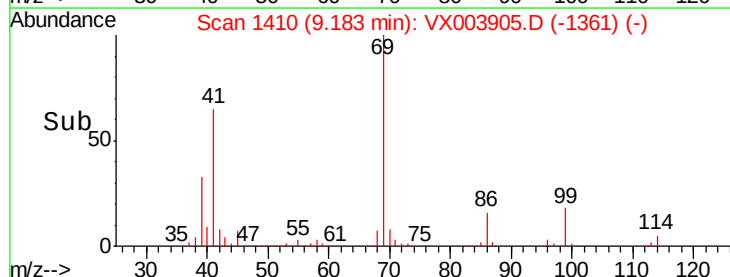
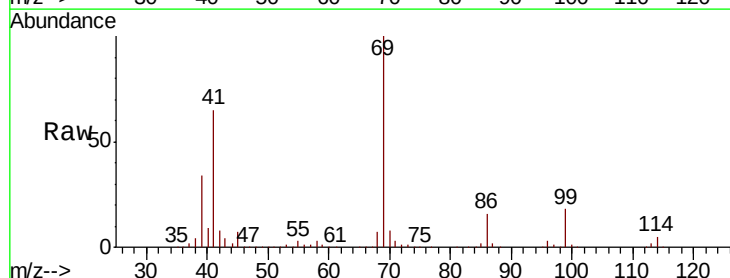
Manual Integrations
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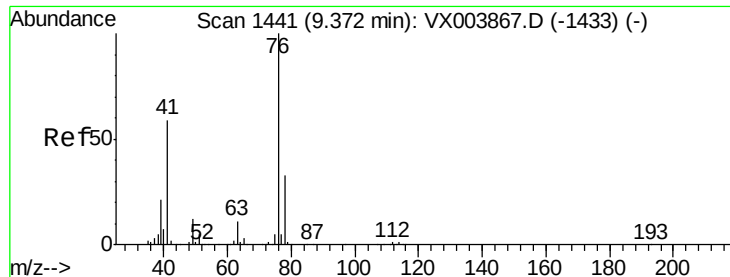
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#56
 Ethyl methacrylate
 Concen: 19.02 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.1	50.6	76.0
39	32.9	25.8	38.6





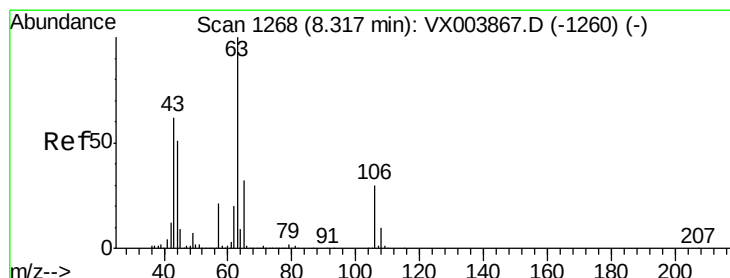
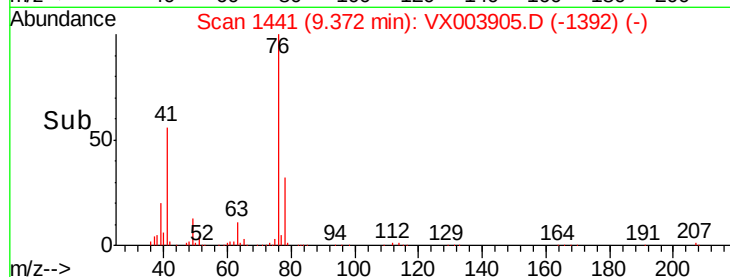
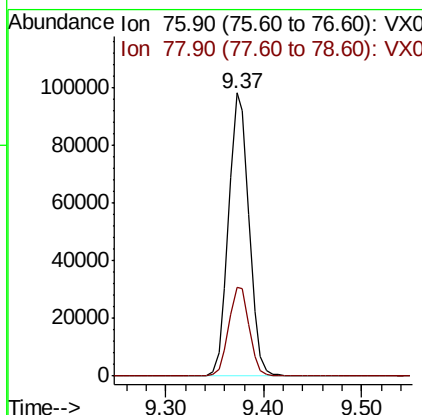
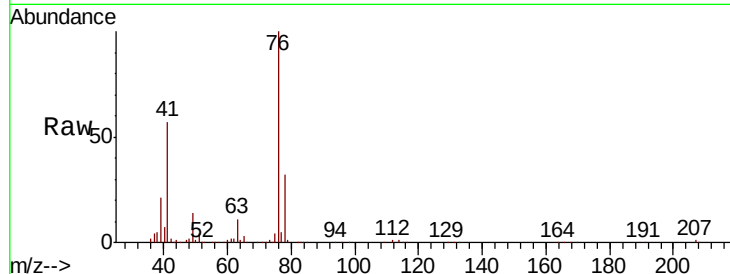
#57
 1,3-Dichloropropane
 Concen: 19.98 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD03

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.9	38.9

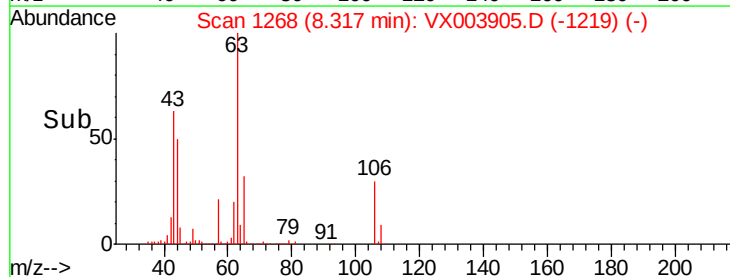
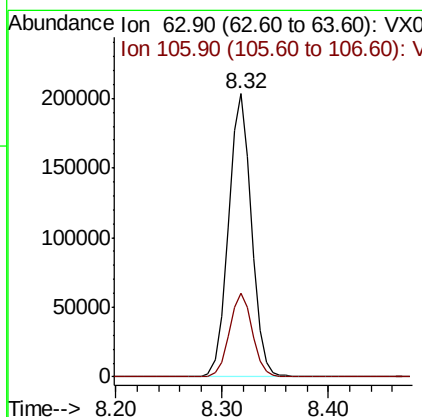
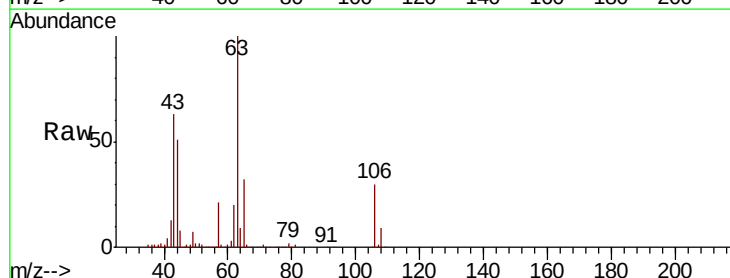
Manual Integrations
 APPROVED

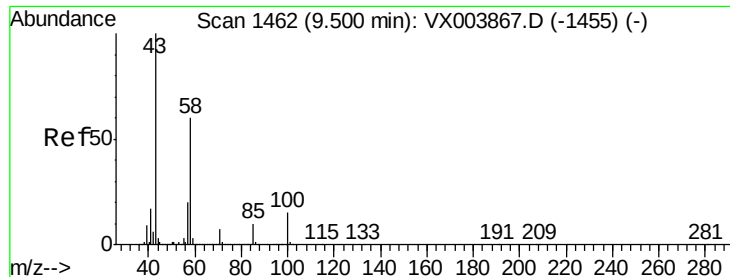
MMDadoda
 8/8/2018 12:06:16 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.01 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.8	35.8





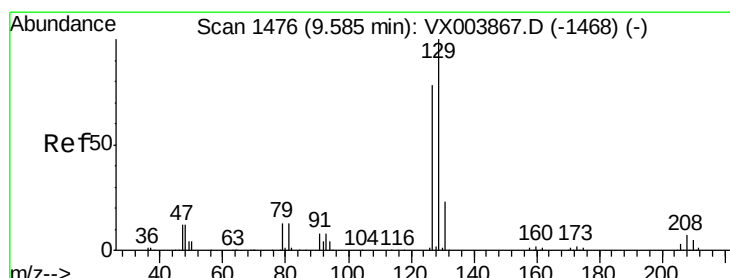
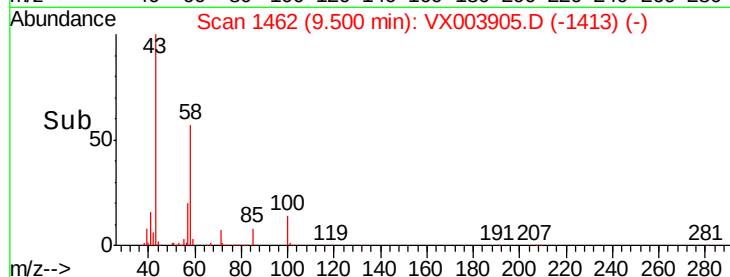
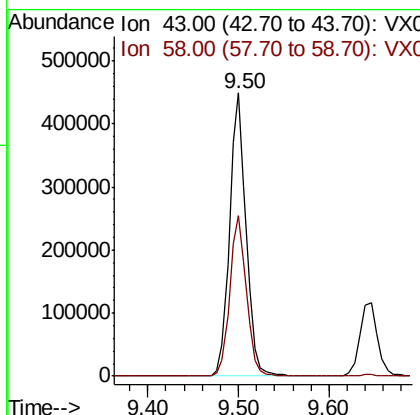
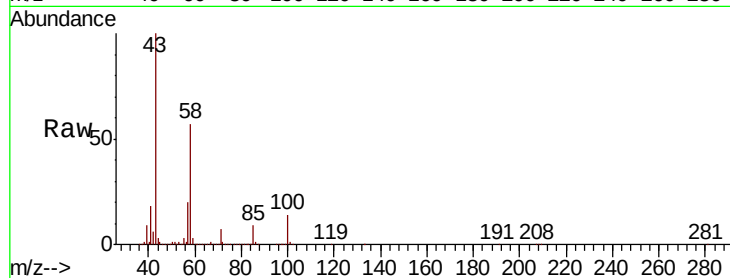
#59
2-Hexanone
Concen: 102.22 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD03

Tot Ion: 43 Resp: 576583
Ion Ratio Lower Upper
43 100
58 57.2 29.0 87.0

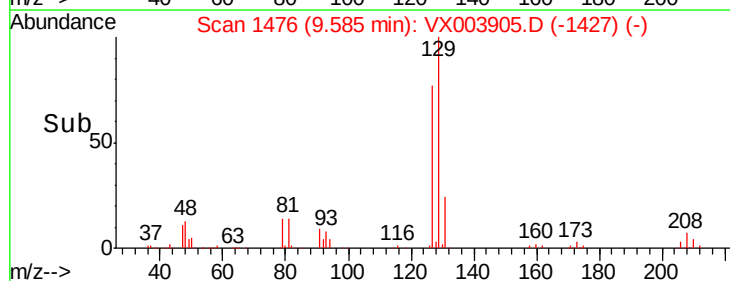
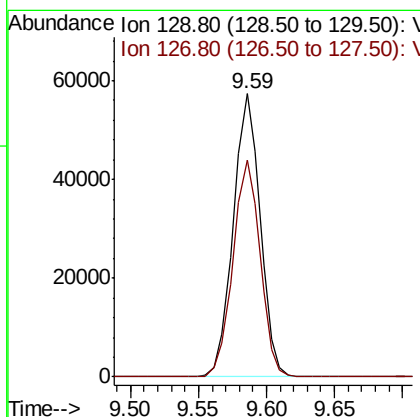
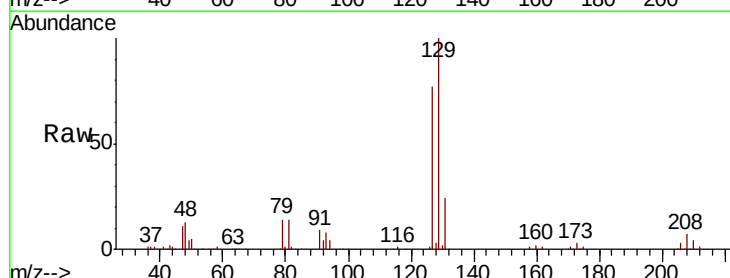
Manual Integrations
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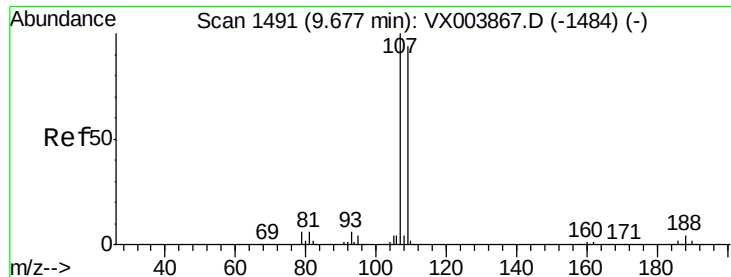
MMDadoda
8/8/2018 12:06:16 PM



#60
Dibromochloromethane
Concen: 19.92 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion: 129 Resp: 79179
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.28 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

Tot Ion:107 Resp: 86581

Ion Ratio Lower Upper

107 100

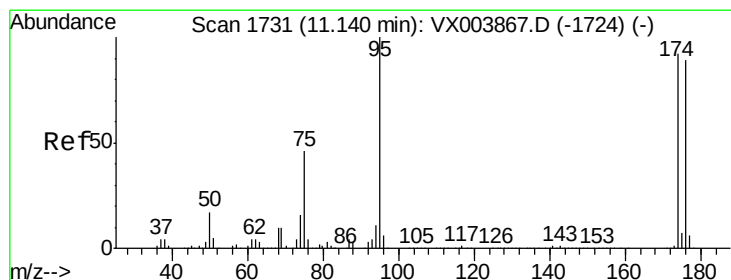
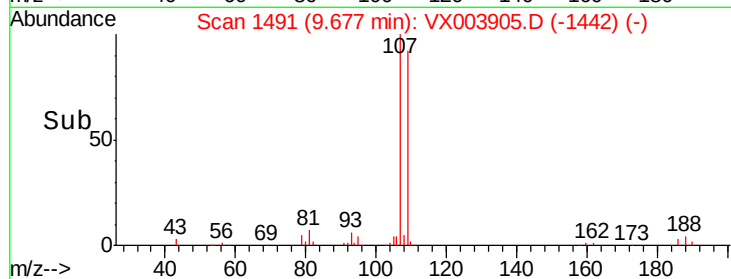
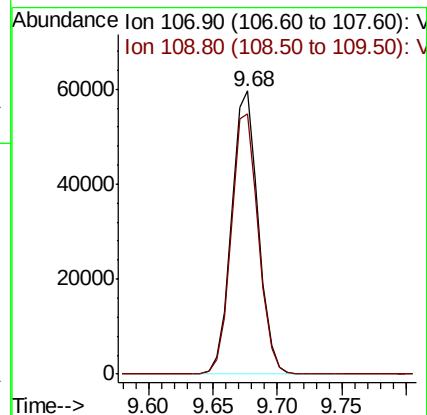
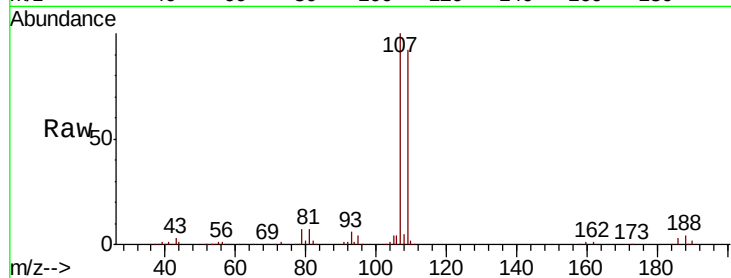
109 93.5 75.8 113.8

Manual Integrations

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MMDadoda

8/8/2018 12:06:16 PM



#62

4-Bromofluorobenzene

Concen: 54.13 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

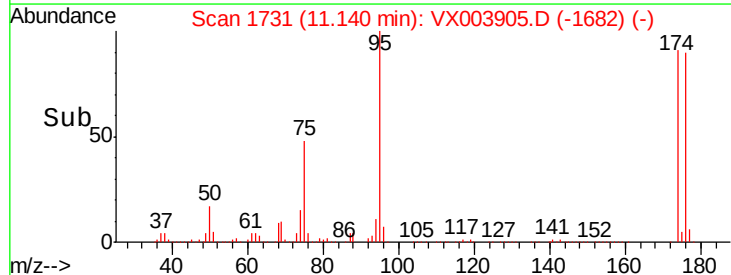
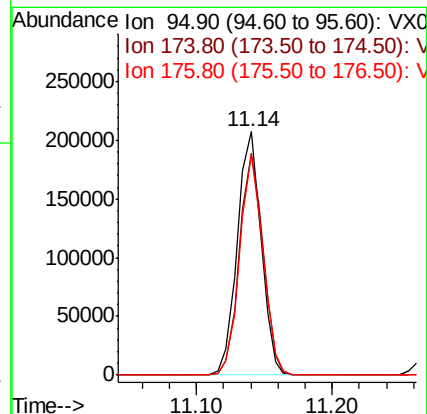
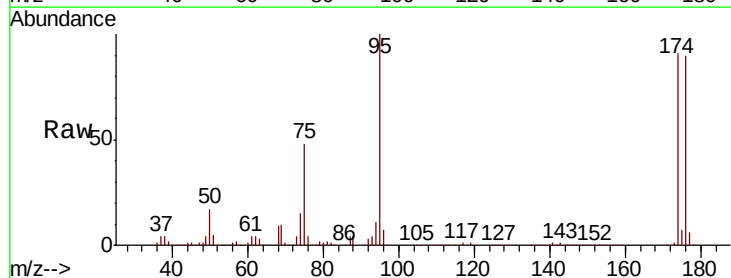
Tgt Ion: 95 Resp: 253361

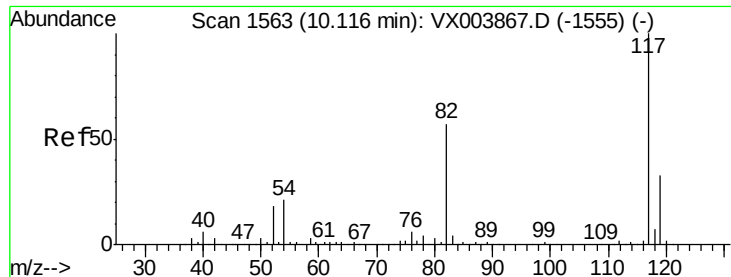
Ion Ratio Lower Upper

95 100

174 90.8 0.0 182.8

176 88.4 0.0 179.0





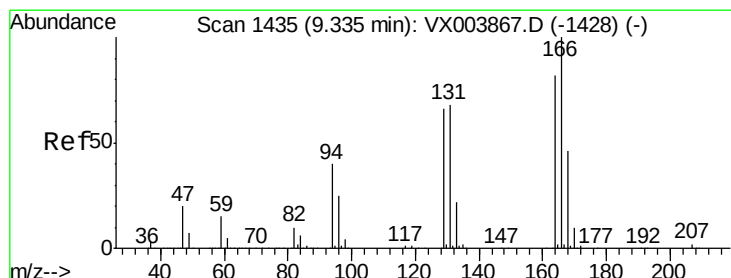
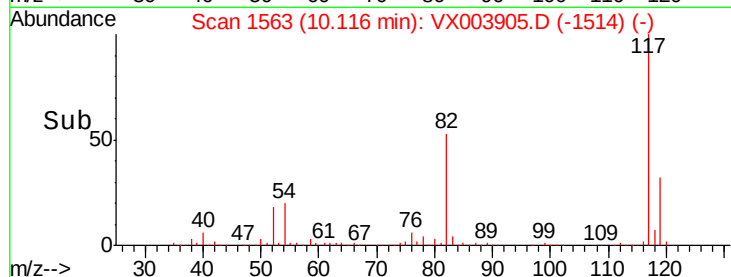
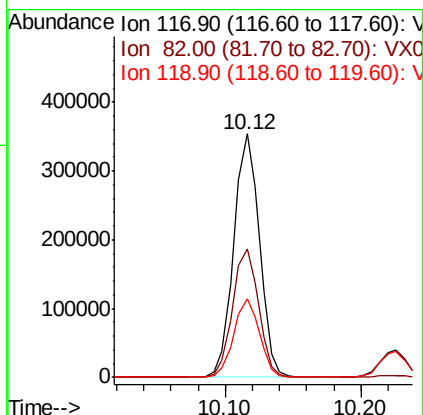
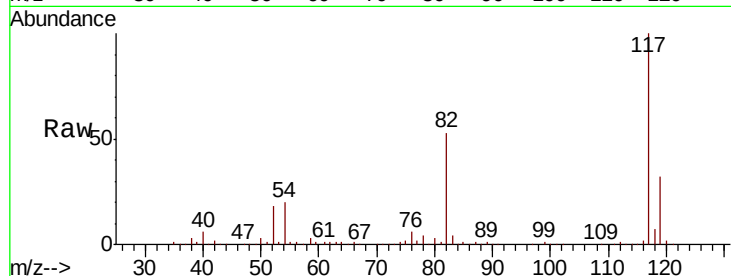
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD03

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	45.4	68.0
119	32.2	26.6	40.0

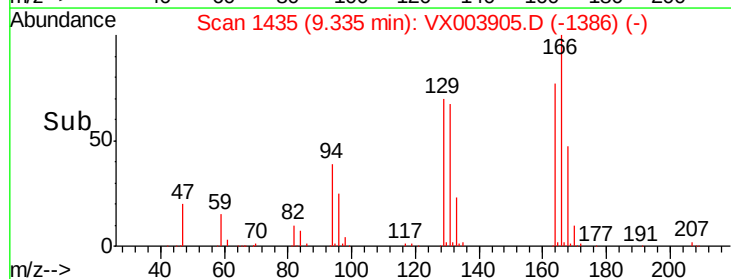
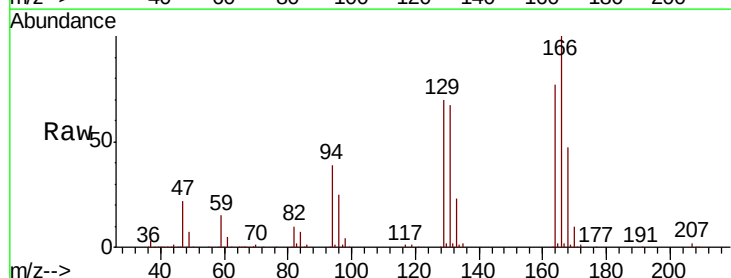
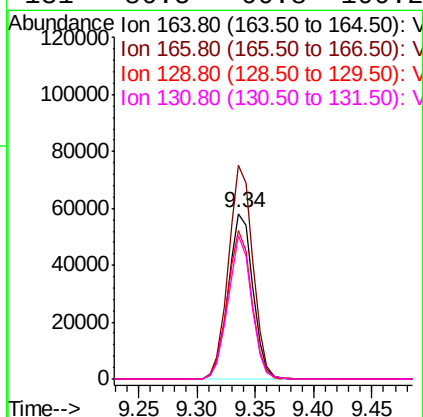
Manual Integrations
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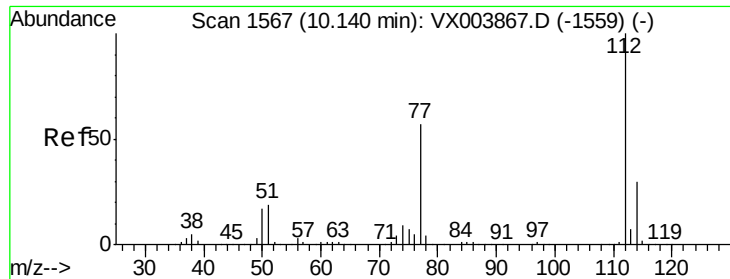
MMDadoda
8/8/2018 12:06:16 PM



#64
Tetrachloroethene
Concen: 18.67 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	98.0	147.0
129	89.9	64.3	96.5
131	86.5	66.8	100.2





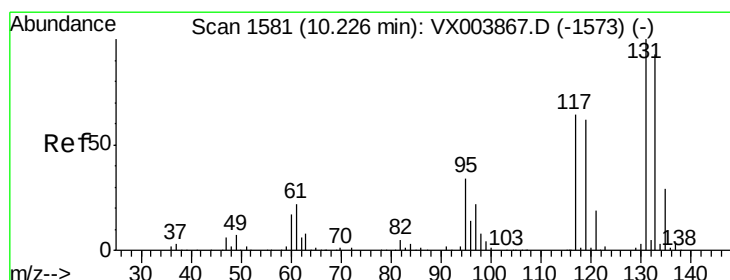
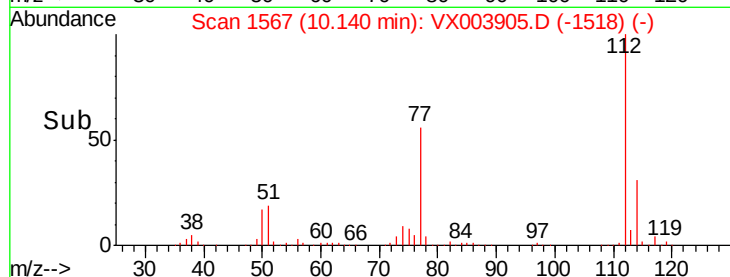
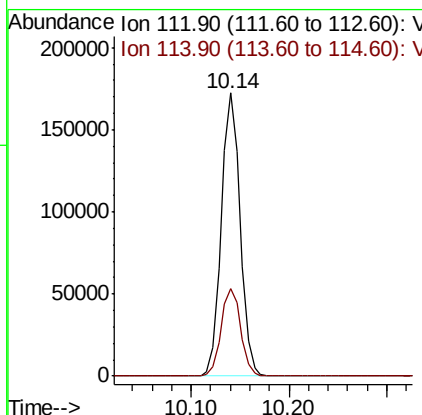
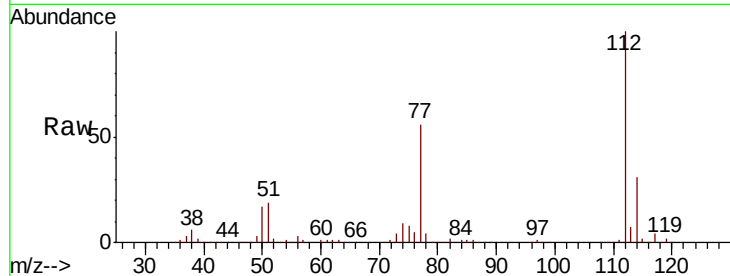
#65
Chlorobenzene
Concen: 19.07 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD03

Tot Ion:112 Resp: 230548
Ion Ratio Lower Upper
112 100
114 31.0 23.6 35.4

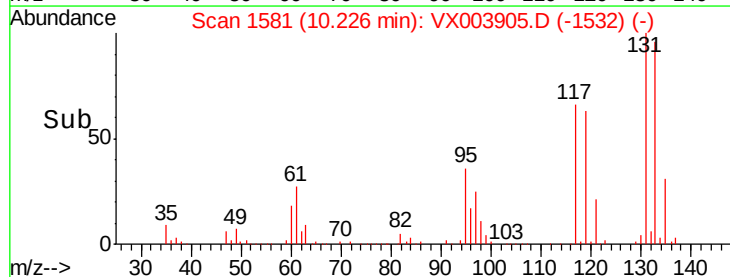
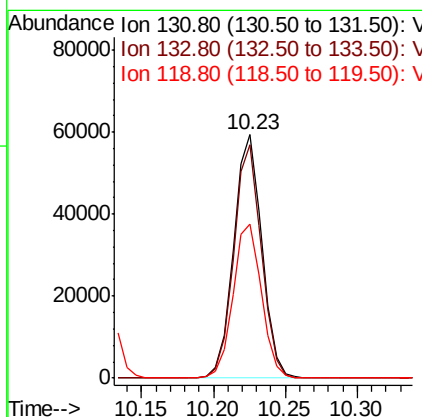
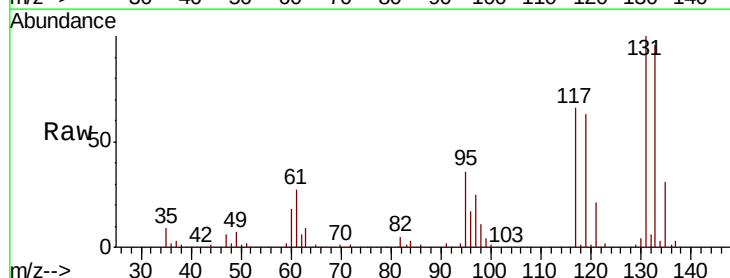
Manual Integrations
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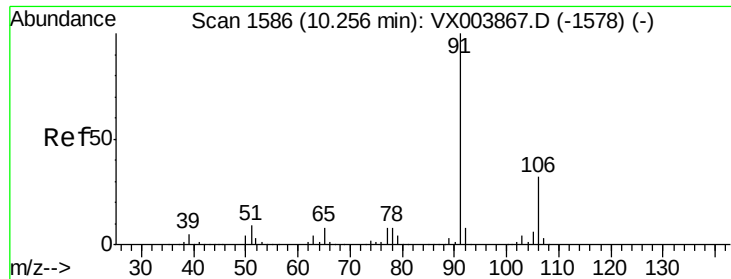
MMDadoda
8/8/2018 12:06:16 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.46 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion:131 Resp: 80851
Ion Ratio Lower Upper
131 100
133 94.3 47.3 141.8
119 64.1 31.6 94.8





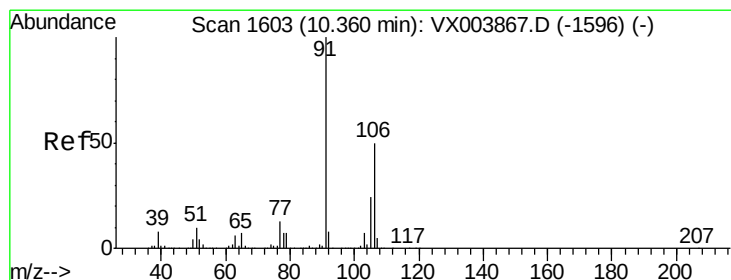
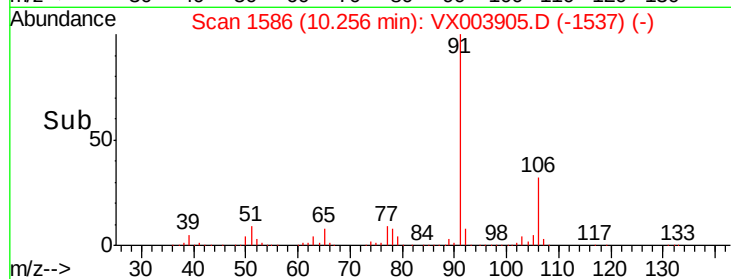
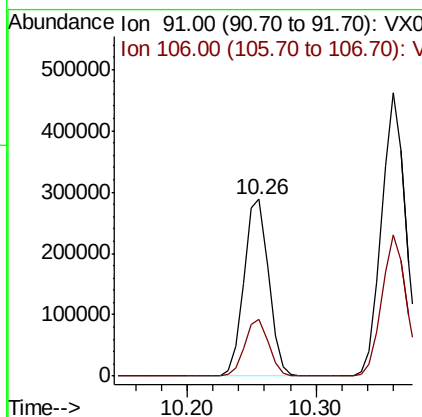
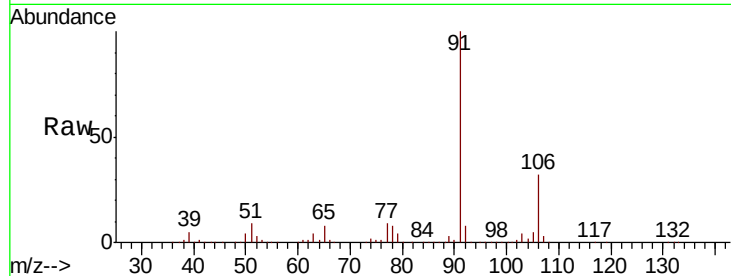
#67
Ethyl Benzene
Concen: 19.16 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Instrument :
MSVOA_X
ClientSampleID :
VX0807WBSD03

Tot Ion: 91 Resp: 379236
Ion Ratio Lower Upper
91 100
106 31.9 25.9 38.9

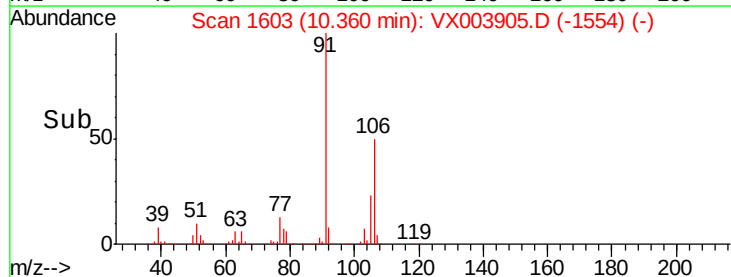
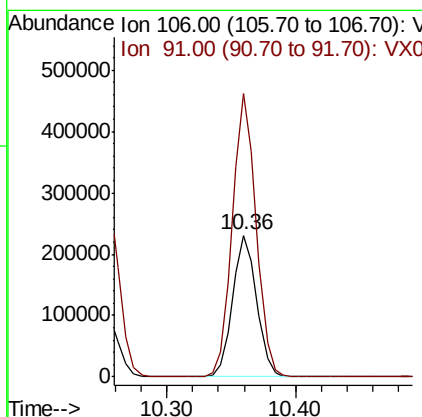
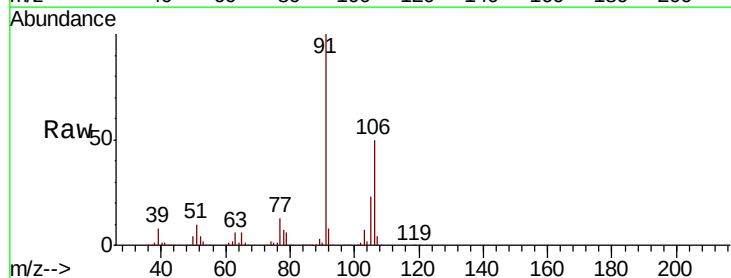
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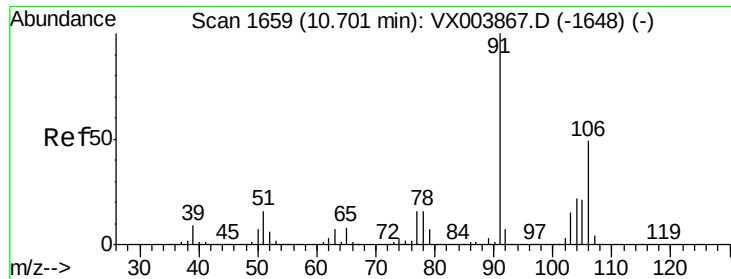
MMDadoda
8/8/2018 12:06:16 PM



#68
m/p-Xylenes
Concen: 38.97 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion: 106 Resp: 301327
Ion Ratio Lower Upper
106 100
91 198.1 162.3 243.5





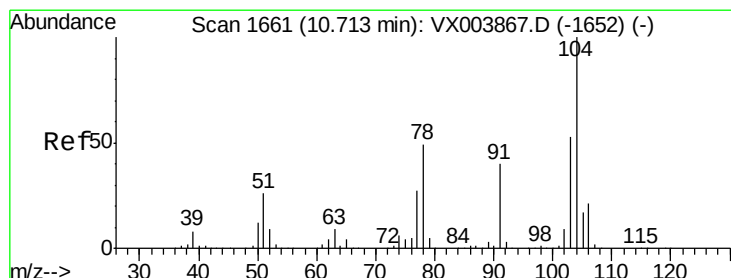
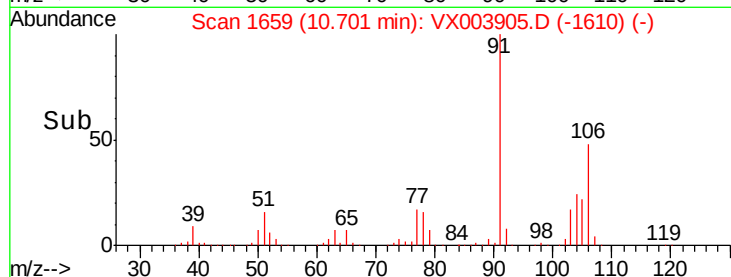
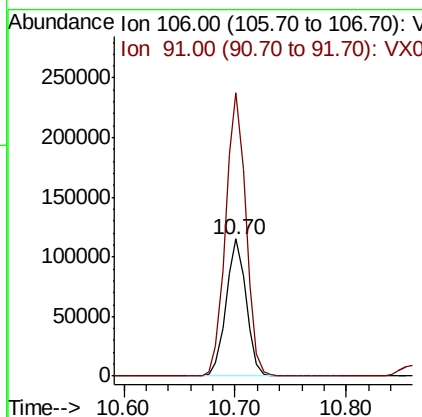
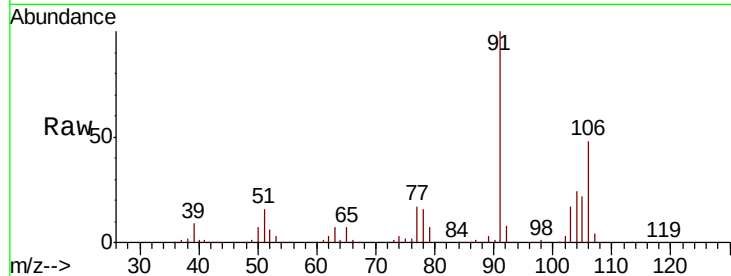
#69
o-Xylene
Concen: 19.63 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Instrument :
MSVOA_X
ClientSampled :
VX0807WBSD03

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.2	101.9	305.7

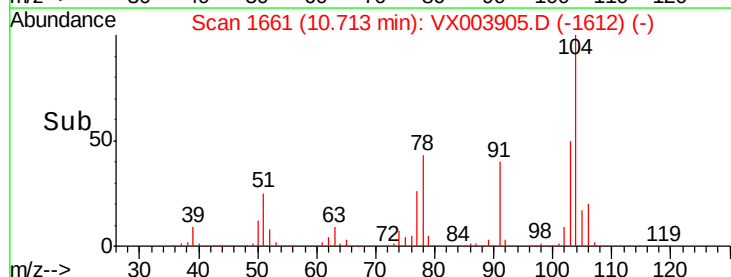
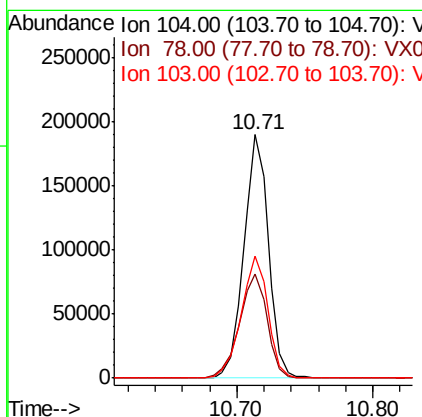
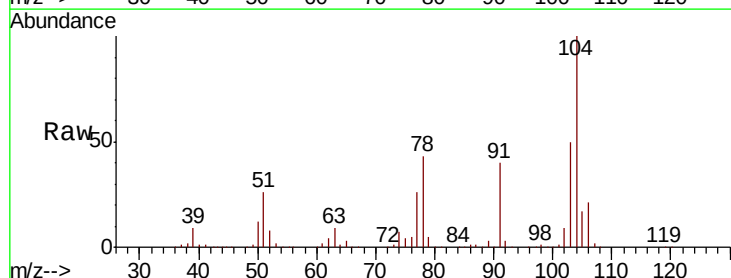
Manual Integrations
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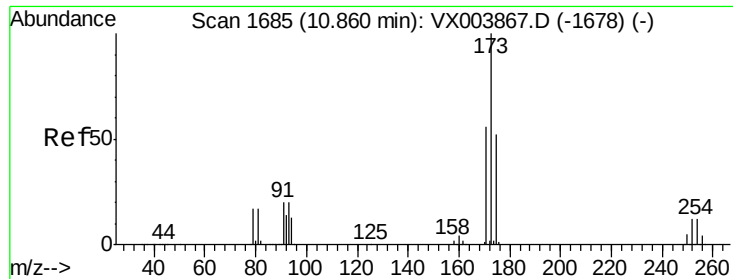
MMDadoda
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#70
Styrene
Concen: 19.99 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.0	39.8	59.6
103	54.5	44.3	66.5





#71

Bromoform

Concen: 18.85 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

Tot Ion:173 Resp: 59614

Ion Ratio Lower Upper

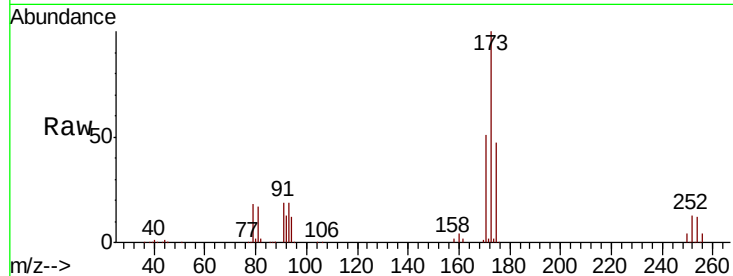
173 100

175 49.1 24.9 74.7

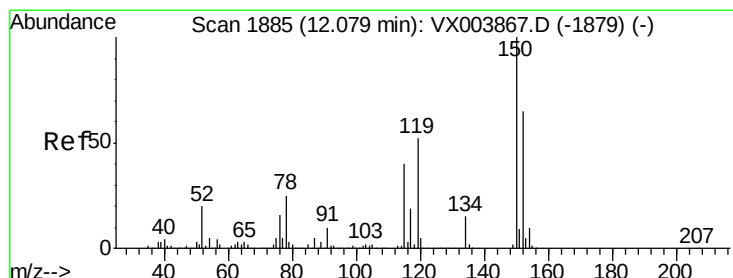
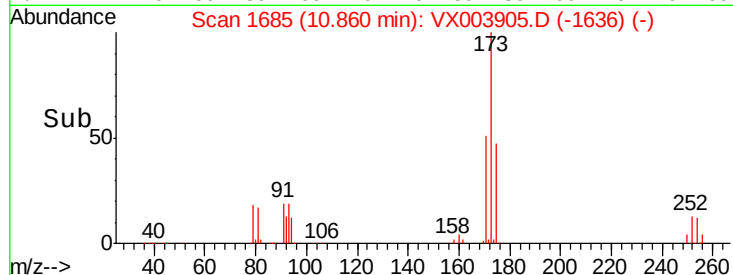
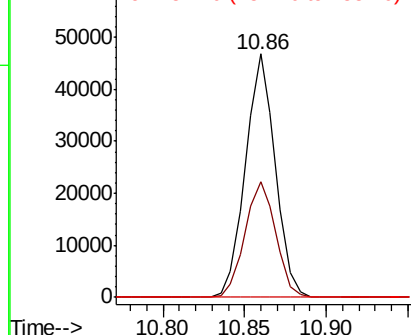
254 0.1 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

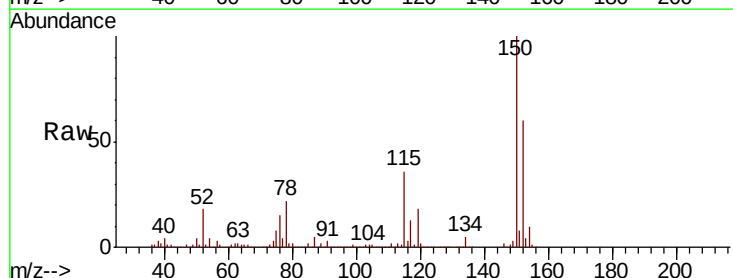
Tgt Ion:152 Resp: 259416

Ion Ratio Lower Upper

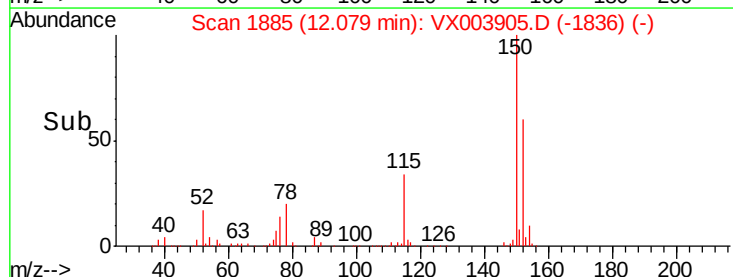
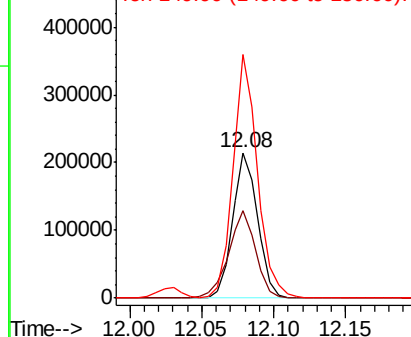
152 100

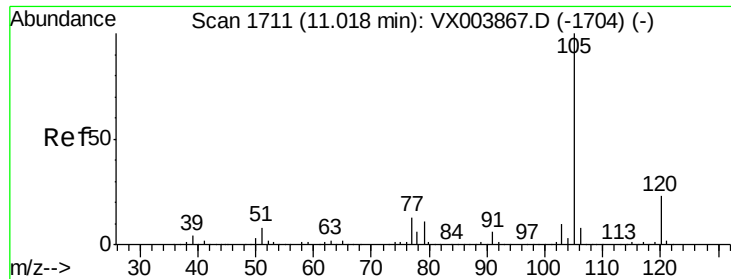
115 65.2 39.1 117.3

150 165.2 0.0 349.2



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





#73

Isopropylbenzene

Concen: 20.09 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampled :

VX0807WBSD03

Tot Ion:105 Resp: 385598

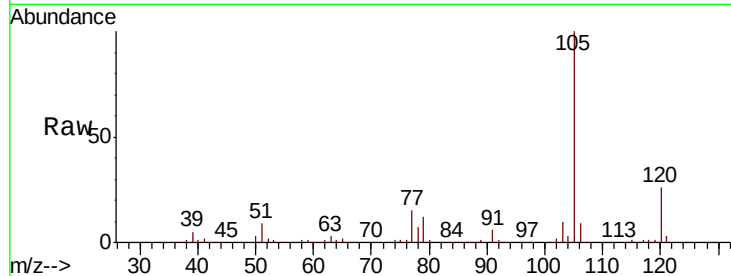
Ion Ratio Lower Upper

105 100

120 26.8 12.6 37.8

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

300000

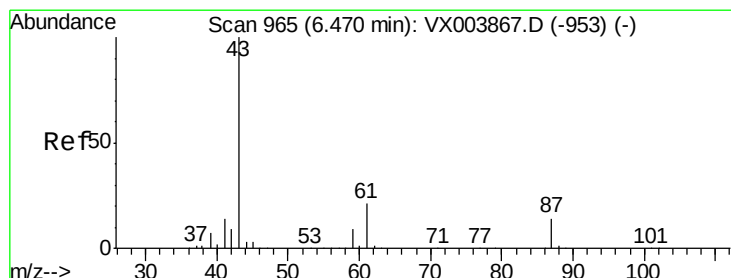
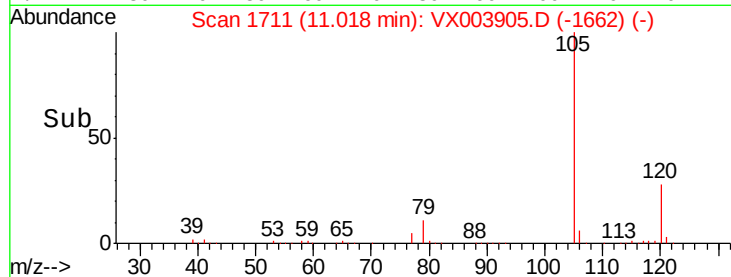
200000

100000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 17.61 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Tgt Ion: 43 Resp: 175696

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 20.8 16.9 25.3

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

100000

80000

60000

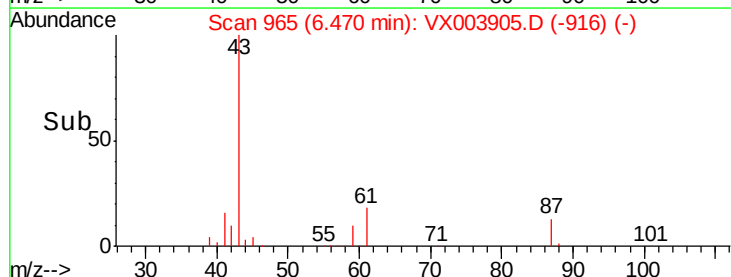
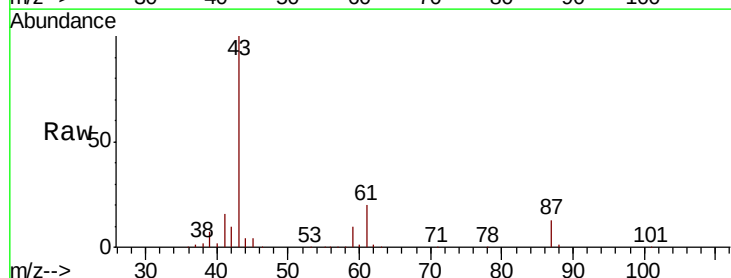
40000

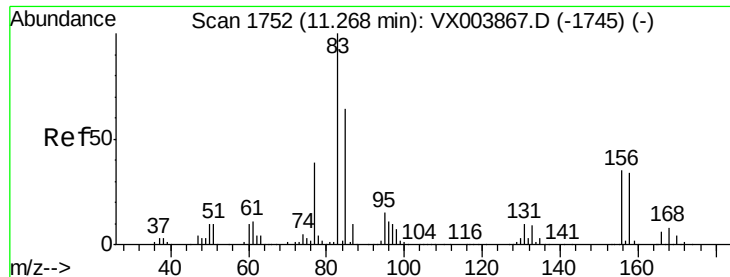
20000

0

Time-->

6.30 6.40 6.50 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 19.88 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

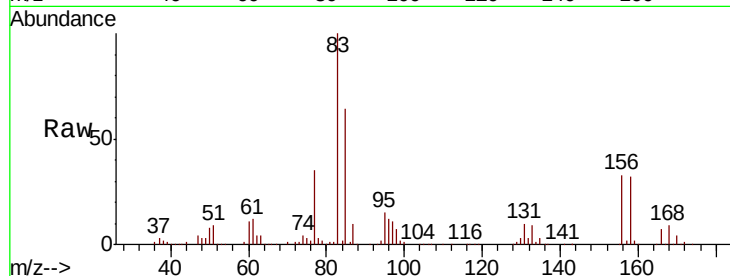
ClientSampled :

VX0807WBSD03

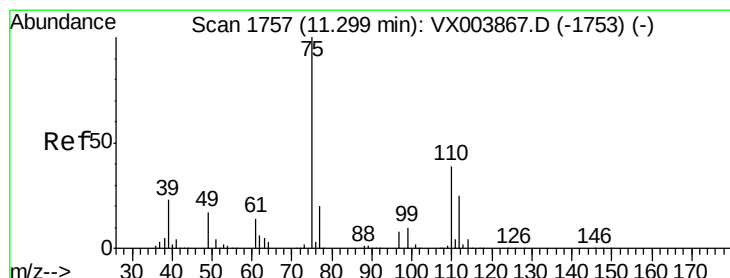
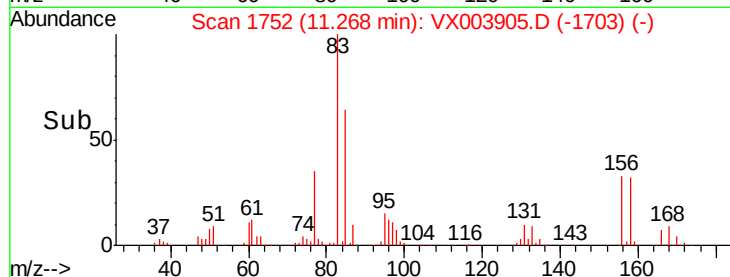
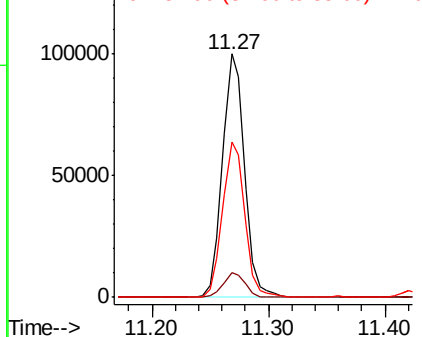
Tot Ion:	83	Resp:	130749
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.2	15.6
85	64.4	32.2	96.6

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



#76

1,2,3-Trichloropropane

Concen: 19.94 ug/l m

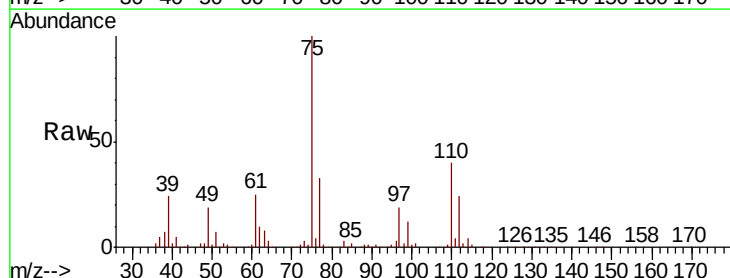
RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

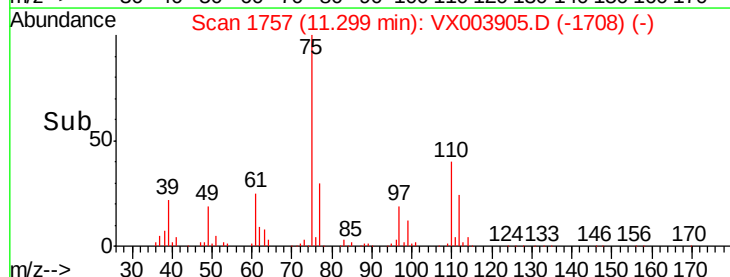
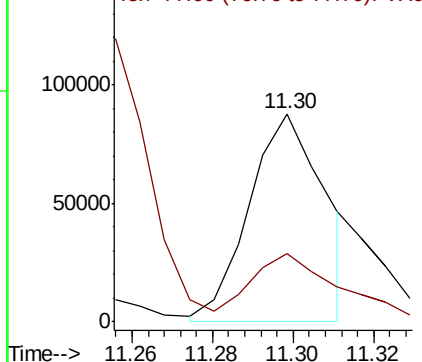
Lab File: VX003905.D

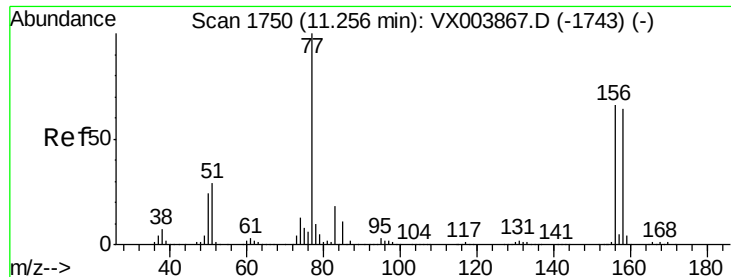
Acq: 08 Aug 2018 03:38

Tgt Ion:	75	Resp:	114269
Ion Ratio	Lower	Upper	
75	100		
77	39.5	20.8	62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.85 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

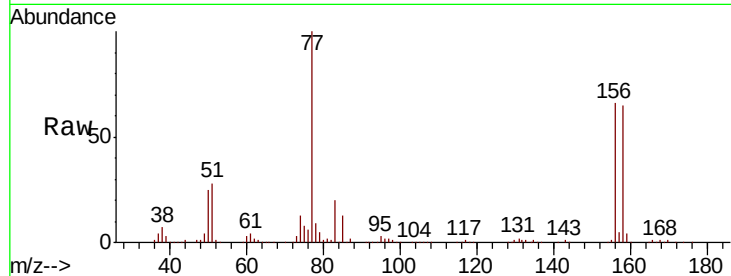
ClientSampleId :

VX0807WBSD03

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	148.0	74.1	222.2	
158	97.2	48.6	145.9	

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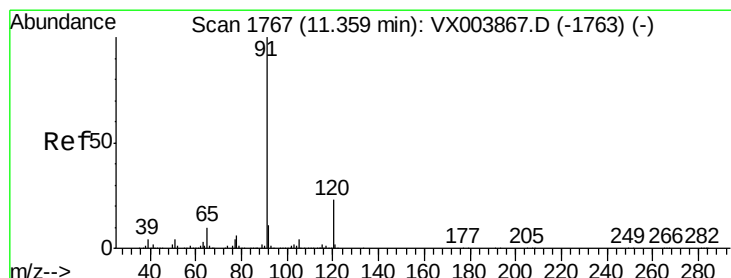
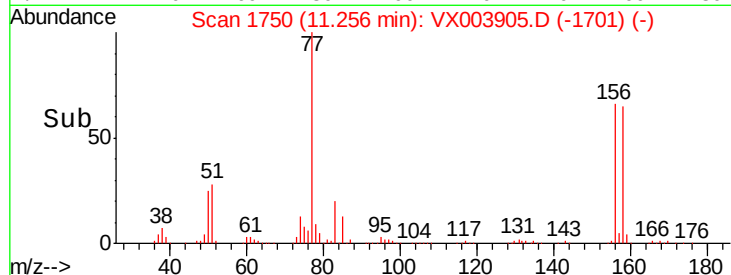
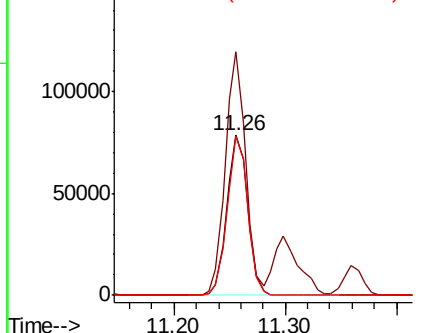


Abundance

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: 20.16 ug/l

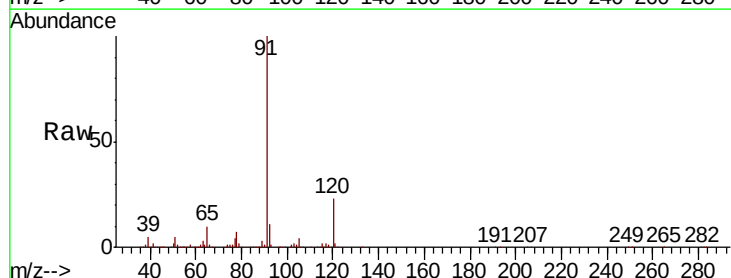
RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

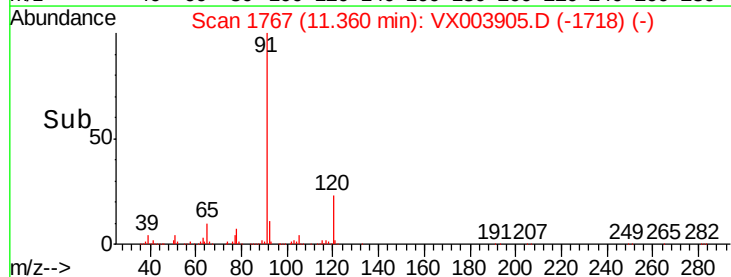
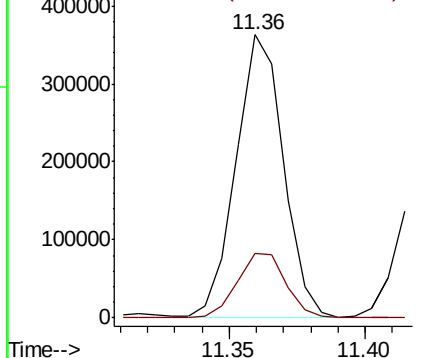
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.7	11.9	35.5	

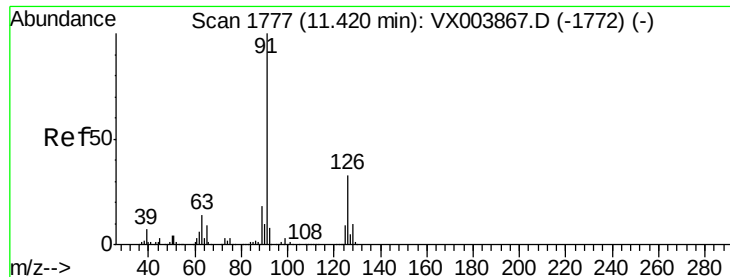


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.97 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

Tot Ion: 91 Resp: 262361

Ion Ratio Lower Upper

91 100

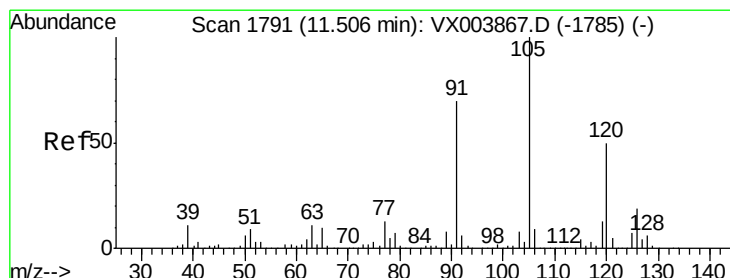
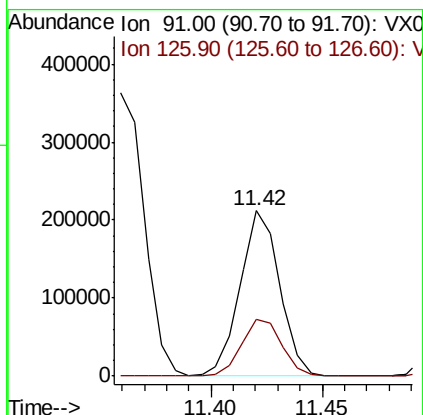
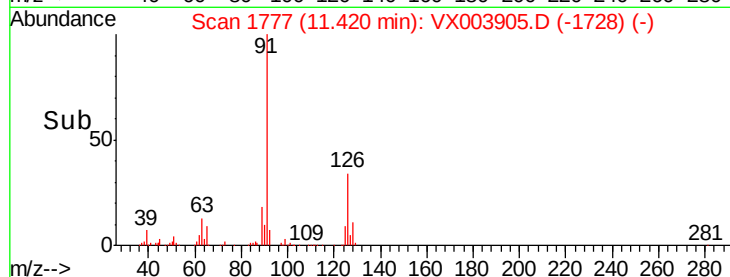
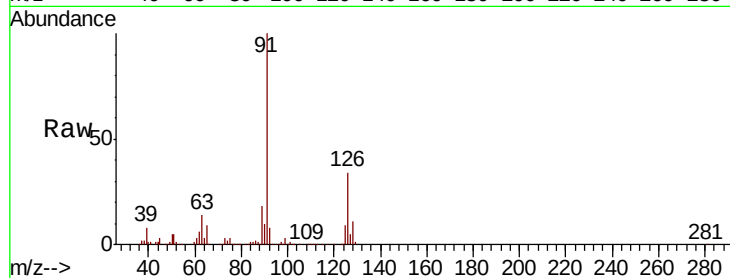
126 35.2 17.4 52.3

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#80

1,3,5-Trimethylbenzene

Concen: 20.11 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003905.D

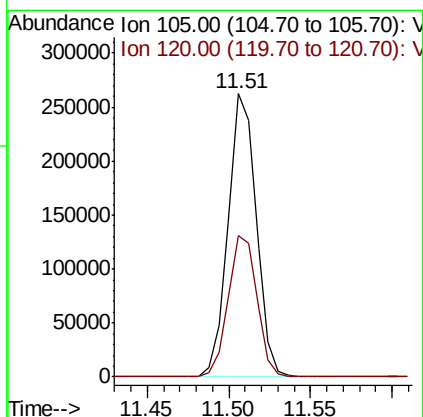
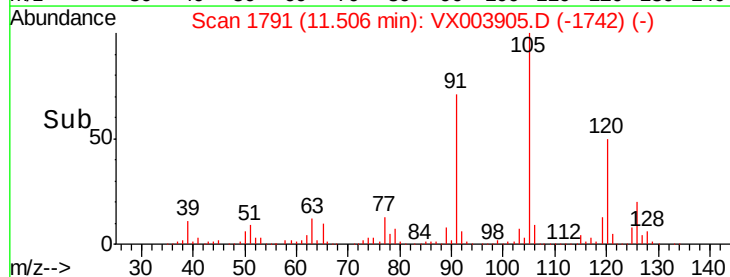
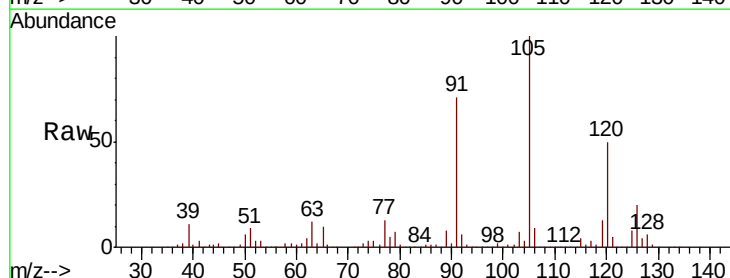
Acq: 08 Aug 2018 03:38

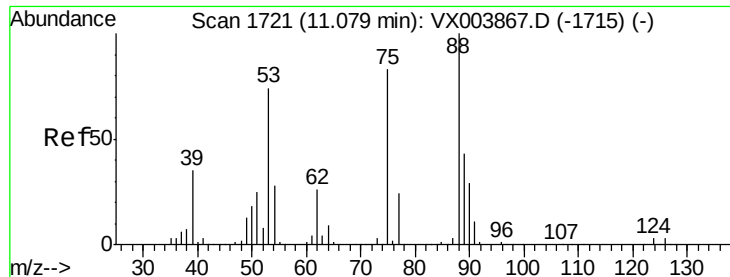
Tgt Ion: 105 Resp: 314695

Ion Ratio Lower Upper

105 100

120 51.2 25.4 76.2





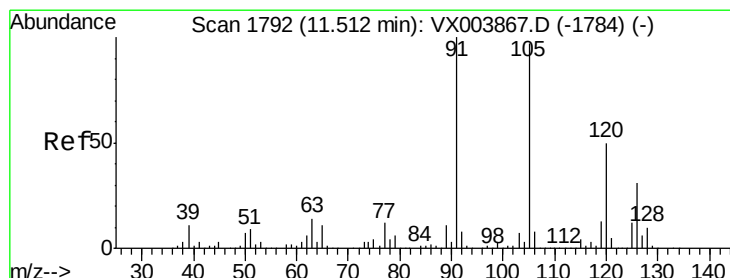
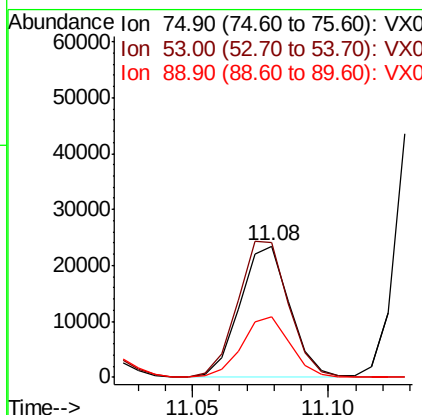
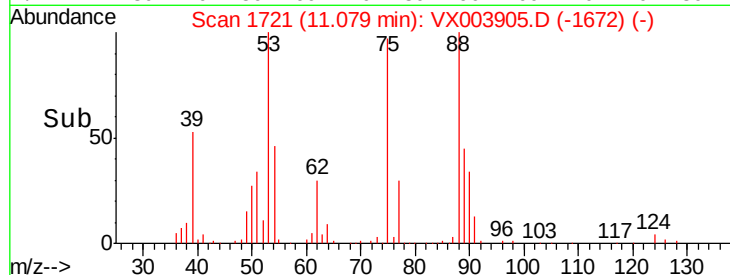
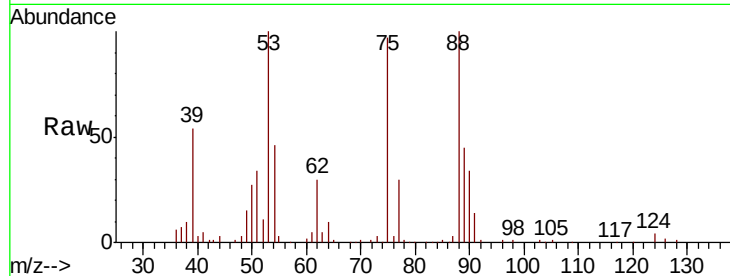
#81
trans-1,4-Dichloro-2-butene
Concen: 15.64 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD03

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.7	80.3	120.5
89	45.0	37.8	56.8

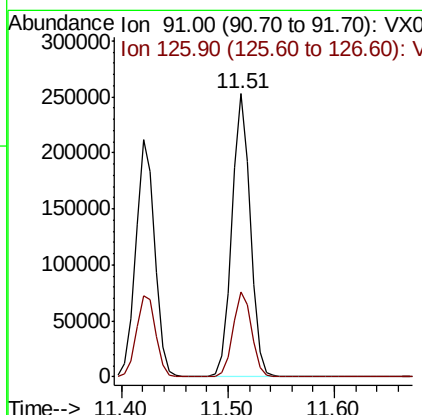
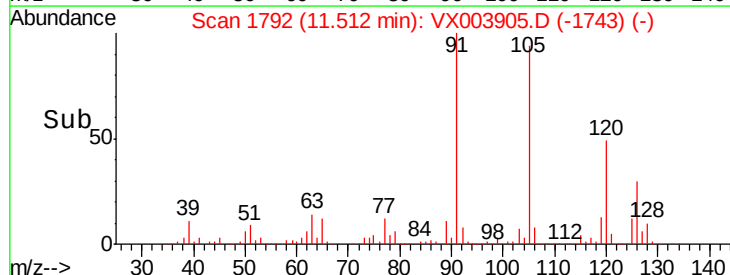
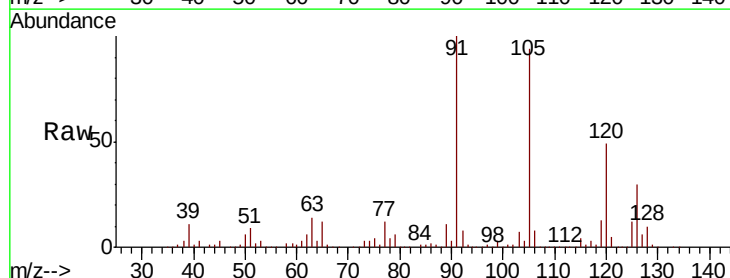
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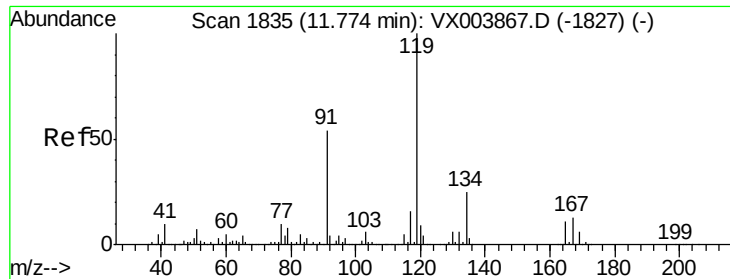
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#82
4-Chlorotoluene
Concen: 19.97 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.6	46.7





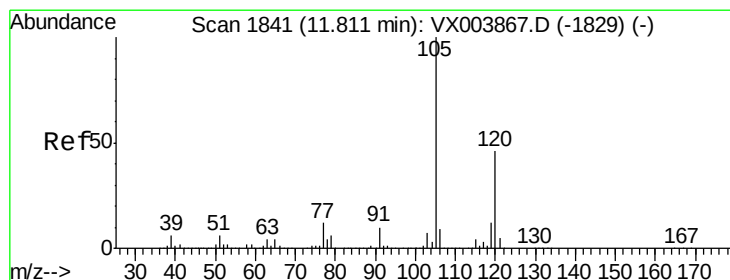
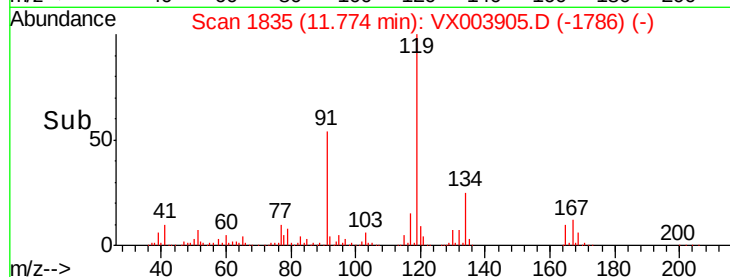
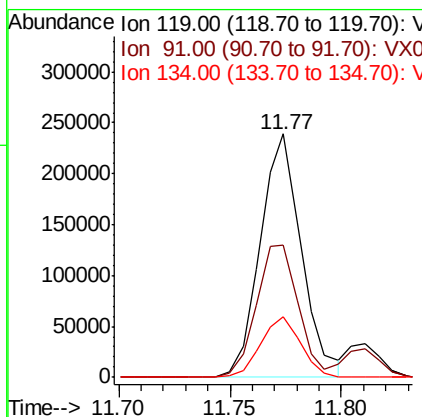
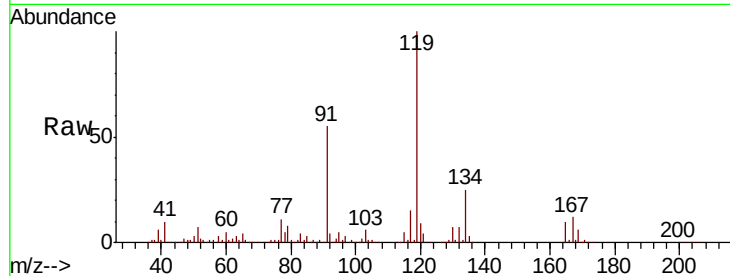
#83
 tert-Butylbenzene
 Concen: 19.97 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD03

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.2	26.9	80.7
134	24.3	12.0	36.0

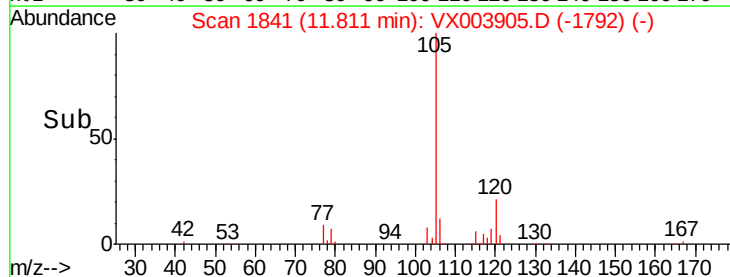
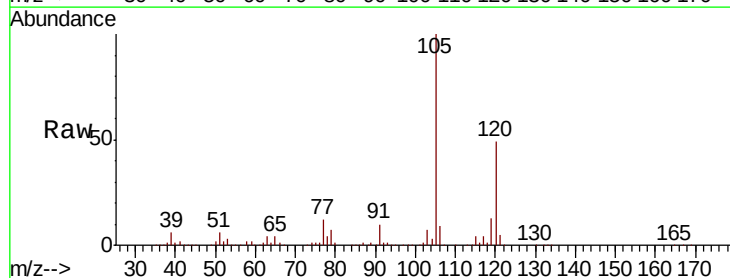
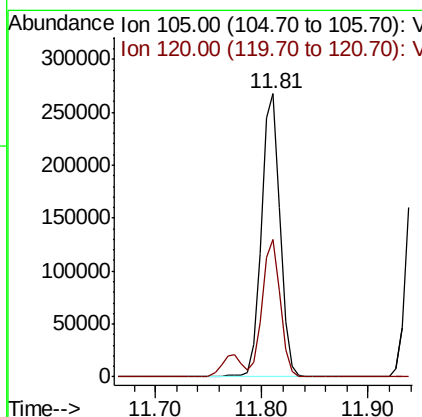
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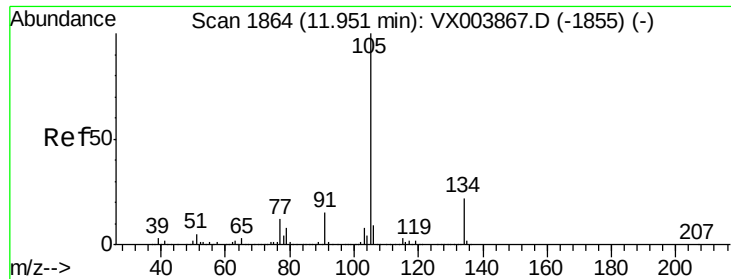
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.89 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.1	69.2





#85

sec-Butylbenzene

Concen: 20.04 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

Tot Ion:105 Resp: 364087

Ion Ratio Lower Upper

105 100

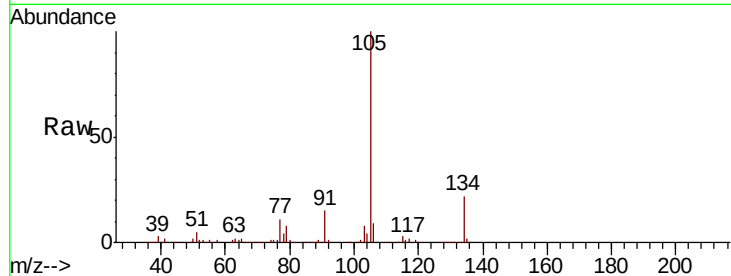
134 21.1 10.3 30.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

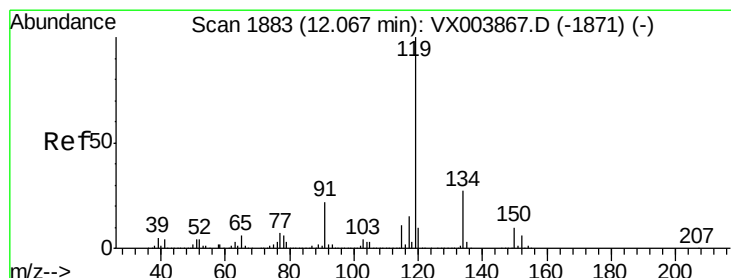
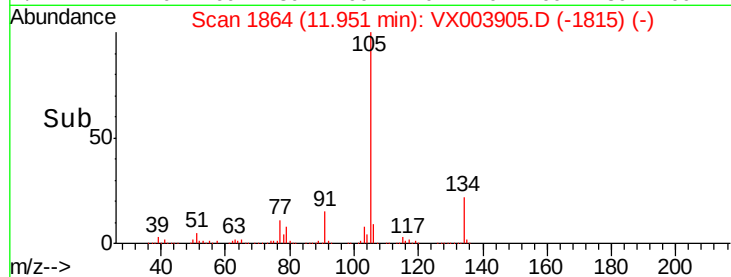
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.80 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

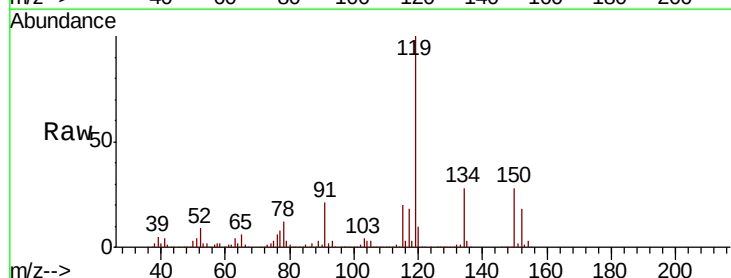
Tgt Ion:119 Resp: 322835

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 21.4 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

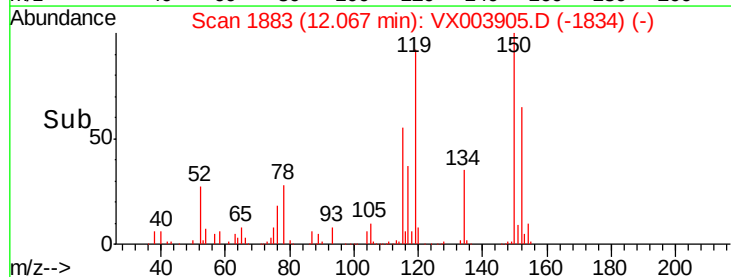
300000

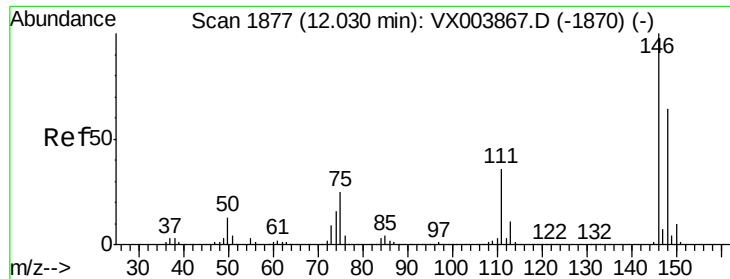
200000

100000

0

Time-->





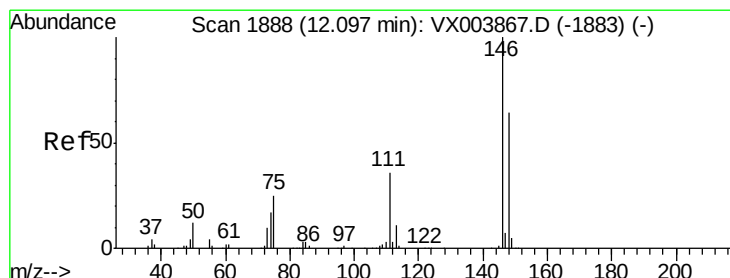
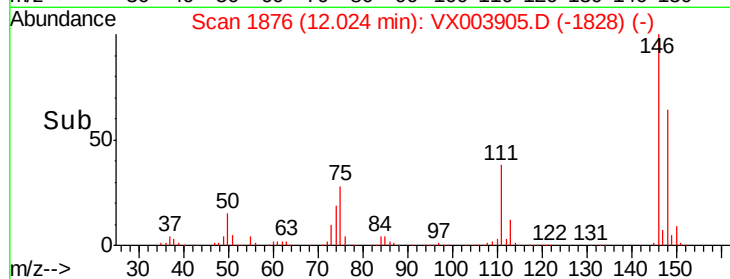
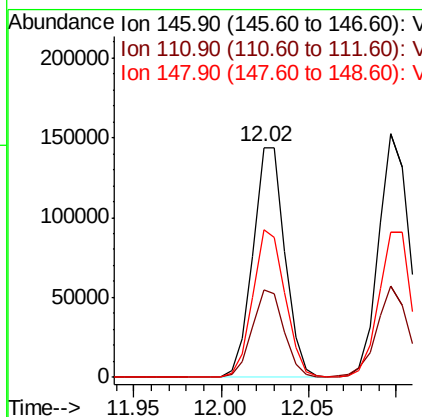
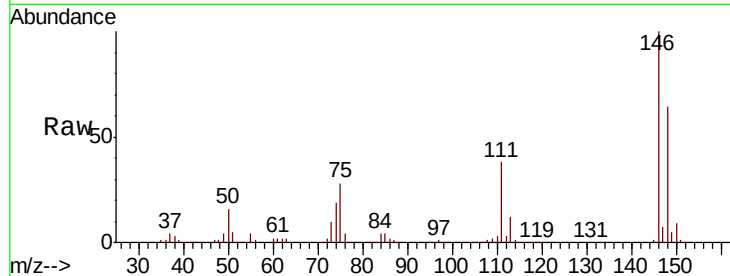
#87
 1,3-Dichlorobenzene
 Concen: 19.44 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD03

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.8	56.4
148	64.2	31.9	95.5

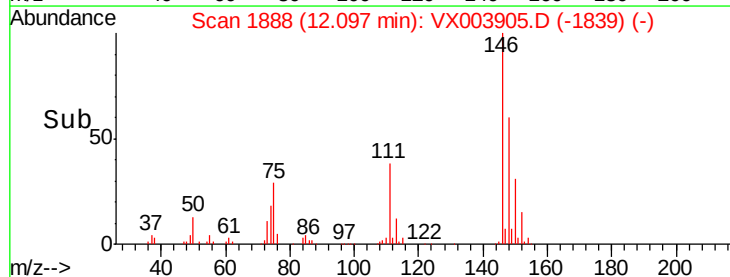
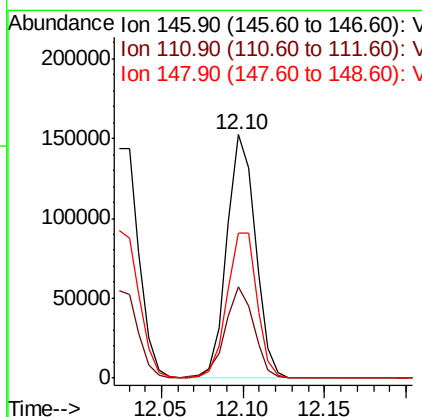
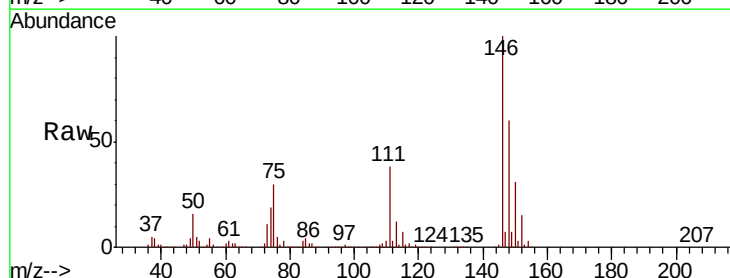
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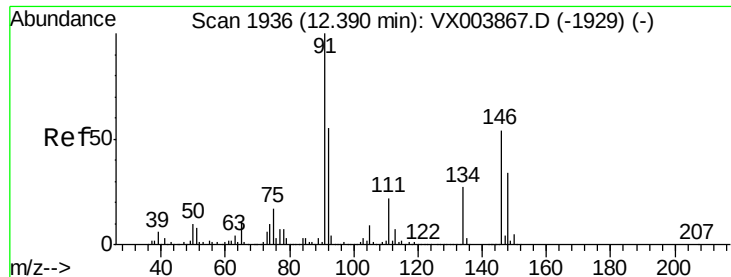
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#88
 1,4-Dichlorobenzene
 Concen: 20.29 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.4	55.0
148	62.7	32.3	96.8





#89

n-Butylbenzene

Concen: 16.44 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

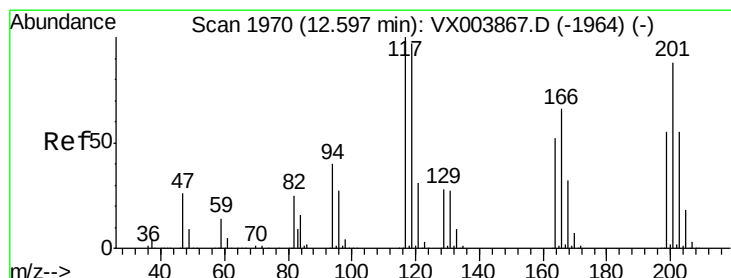
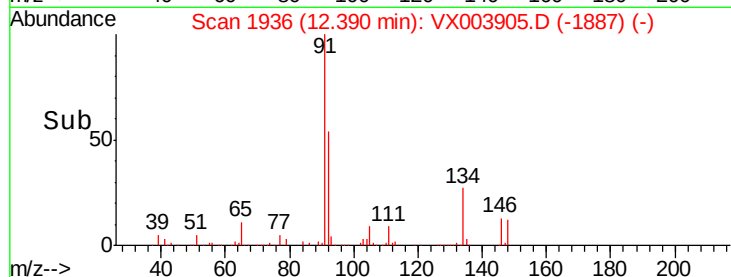
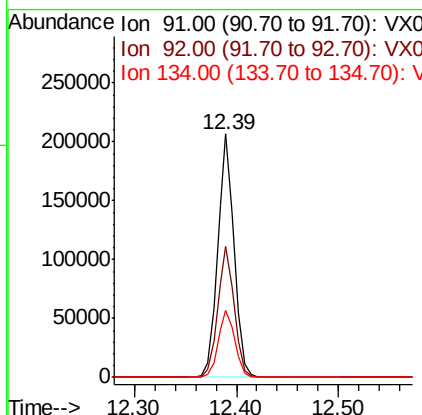
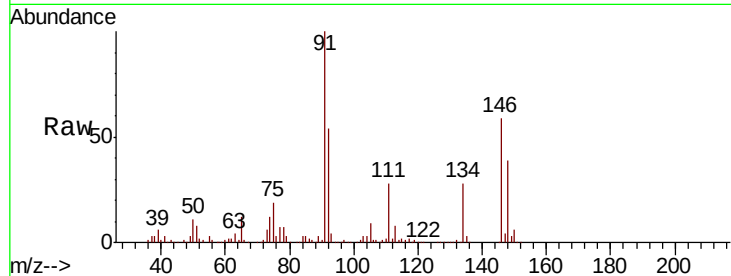
ClientSampleId :

VX0807WBSD03

Tot Ion:	91	Resp:	233567
Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.3
134	27.8	13.6	40.7

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#90

Hexachloroethane

Concen: 17.21 ug/l

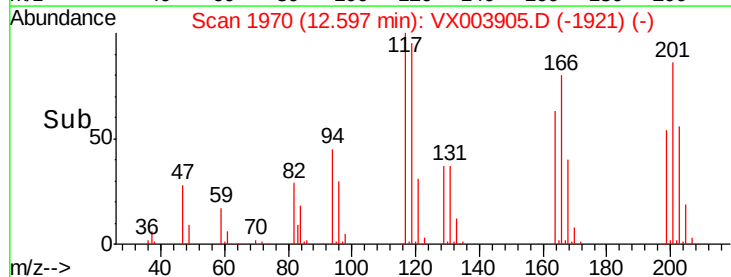
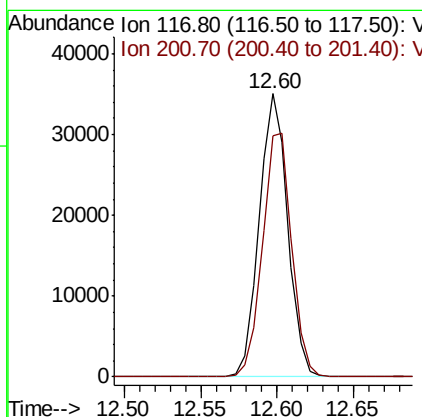
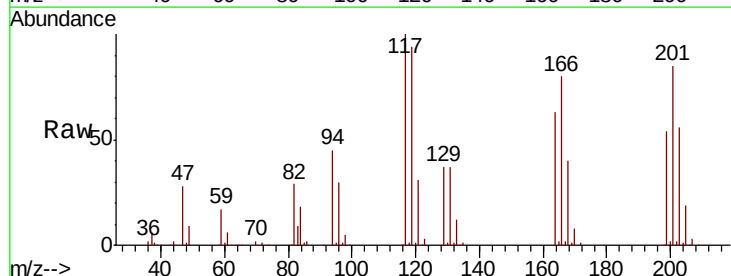
RT: 12.60 min Scan# 1970

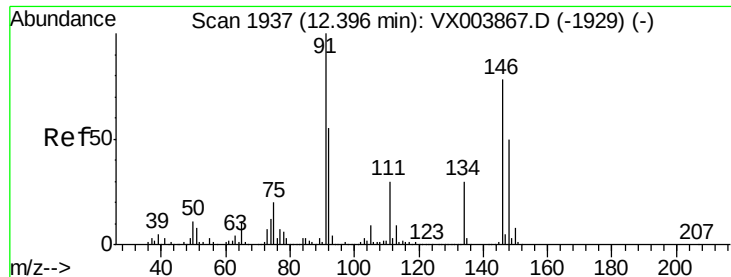
Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Tgt Ion:	117	Resp:	45554
Ion	Ratio	Lower	Upper
117	100		
201	88.4	46.1	138.2





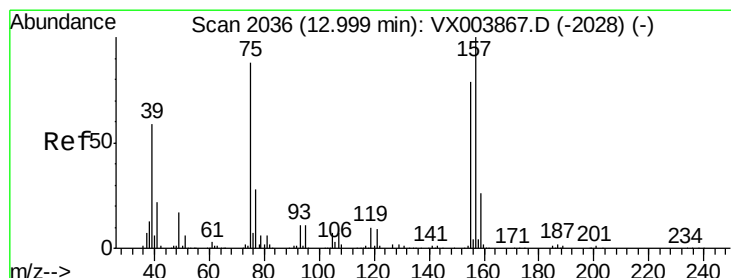
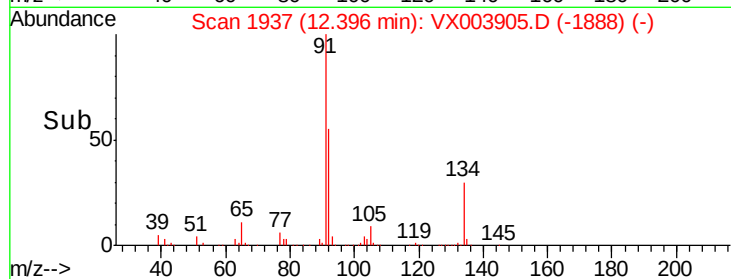
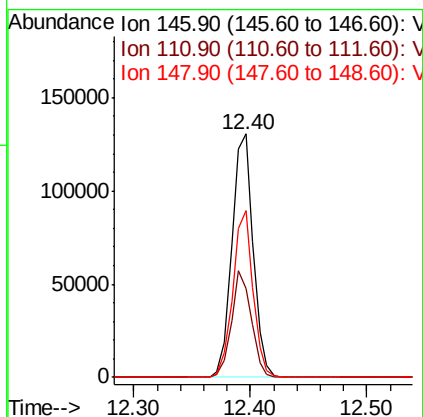
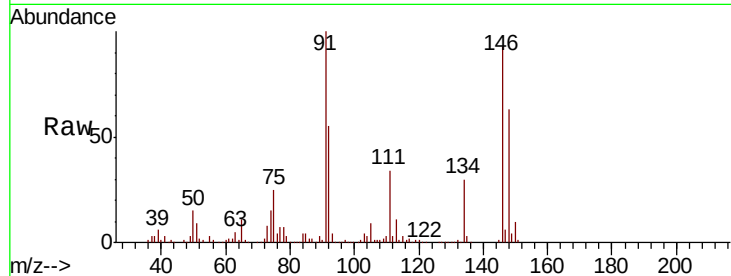
#91
 1,2-Dichlorobenzene
 Concen: 17.67 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Instrument :
 MSVOA_X
 ClientSampled :
 VX0807WBSD03

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.7	59.0
148	65.0	31.9	95.5

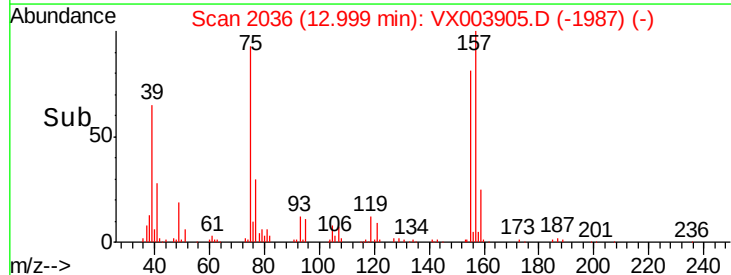
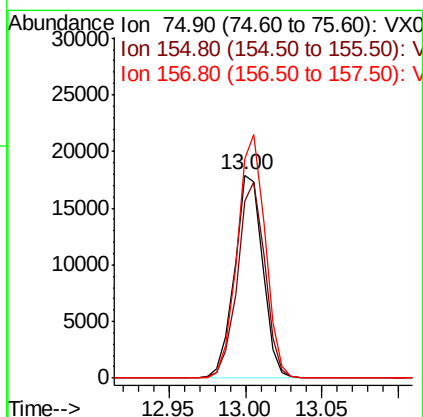
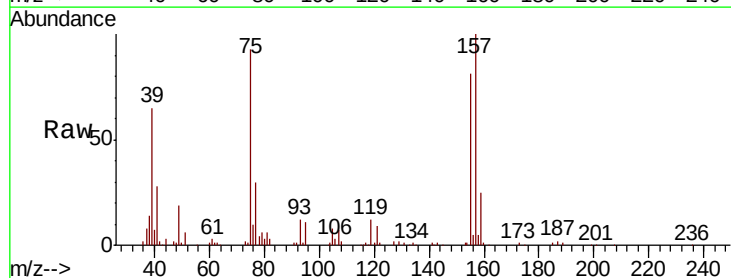
Manual Integrations
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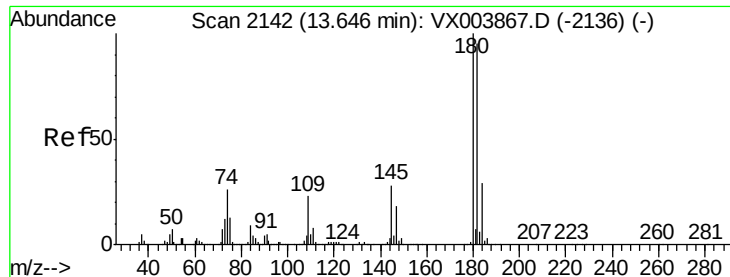
MMDadoda
 8/8/2018 12:06:16 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.96 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.0	48.7	146.1
157	118.6	62.6	187.8





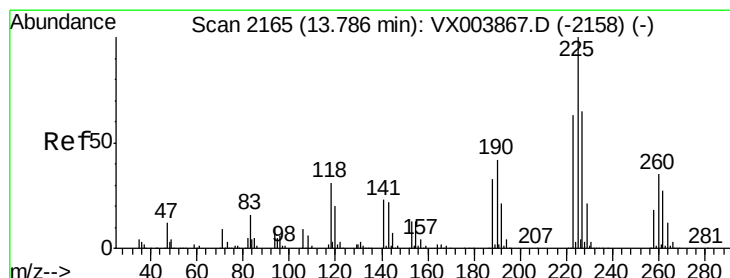
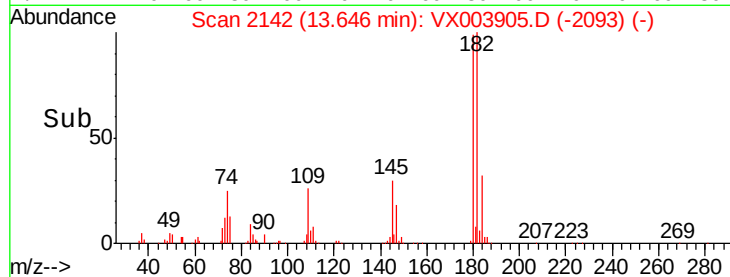
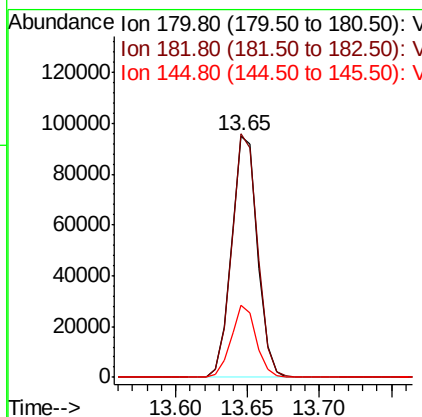
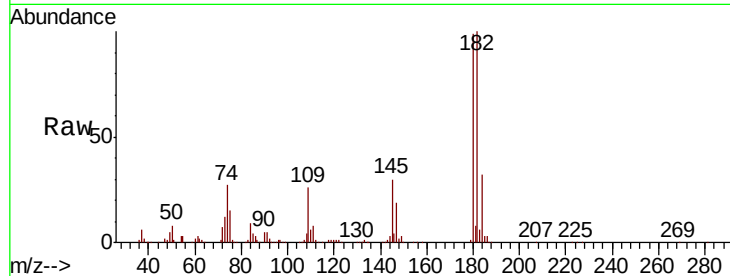
#93
 1,2,4-Trichlorobenzene
 Concen: 17.81 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	100.1	47.7	143.1	
145	28.8	13.9	41.6	

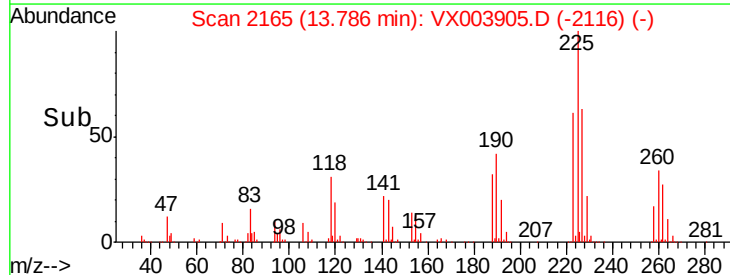
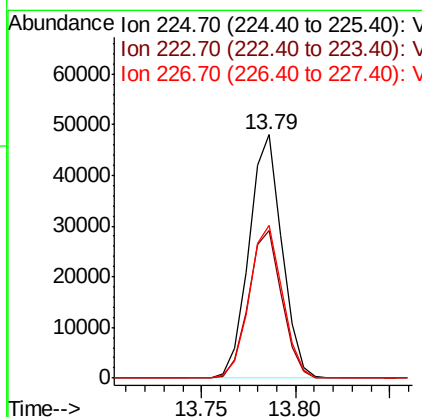
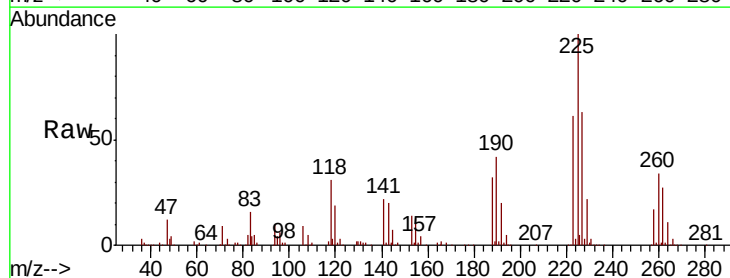
Manual Integrations
 APPROVED

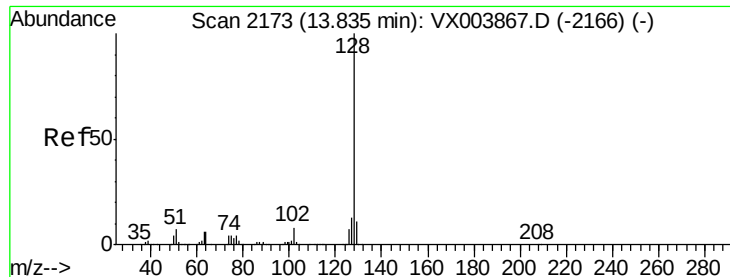
MMDadoda
 8/8/2018 12:06:16 PM



#94
 Hexachlorobutadiene
 Concen: 19.79 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.0	31.4	94.0	
227	62.9	32.1	96.5	





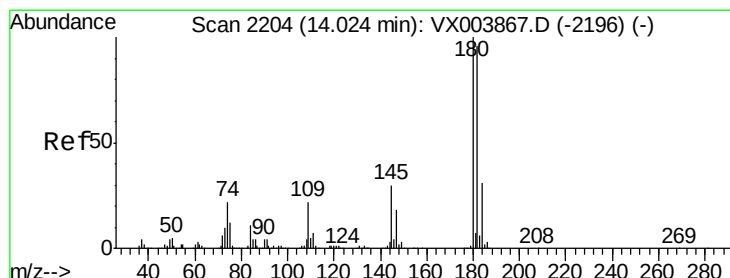
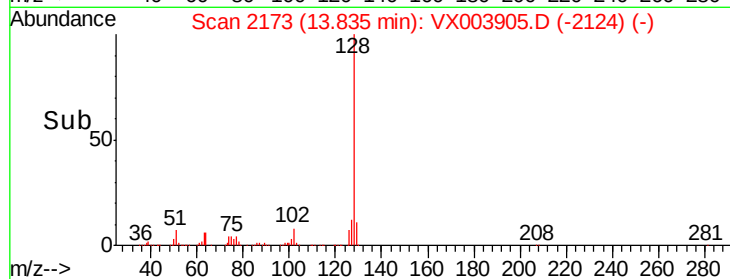
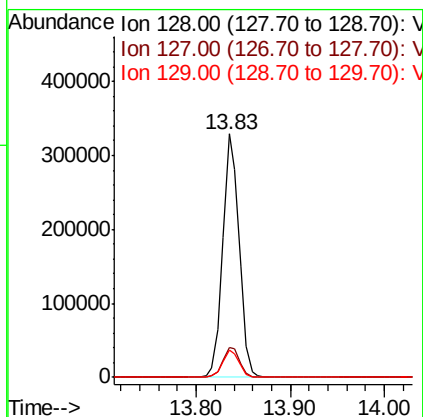
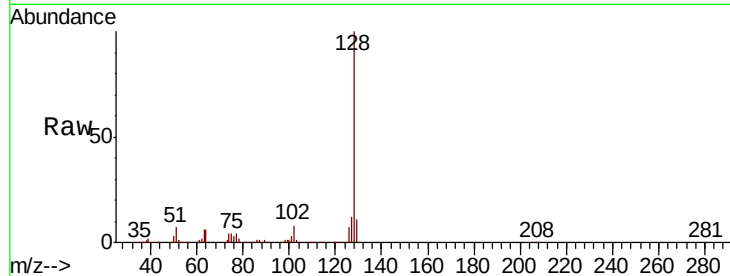
#95
Naphthalene
Concen: 20.51 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
128	100	396263		
127	12.7		10.2	15.2
129	11.0		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/8/2018 12:06:16 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.09 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	135244		
182	94.6		48.1	144.4
145	30.2		14.9	44.7

