

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080218\
 Data File : VX003828.D
 Acq On : 02 Aug 2018 16:31
 Operator : JC/MD
 Sample : VX0802WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0802WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/3/2018 9:48:28 AM

Quant Time: Aug 03 04:06:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 27 16:17:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	22289	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	118542	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	109232	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	46883	28.65	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.50%
60) 4-Bromofluorobenzene	11.29	95	52459	29.83	ug/l	0.15
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.43%
63) Toluene-d8	8.72	98	151830	30.85	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.83%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	31983	27.17	ug/l	100
3) Chloromethane	1.32	50	37939	23.94	ug/l	98
4) Vinyl Chloride	1.40	62	32546	19.53	ug/l	100
5) Bromomethane	1.64	94	18302	18.37	ug/l	98
6) Chloroethane	1.72	64	19282	17.68	ug/l	99
7) Trichlorofluoromethane	1.93	101	42874	19.13	ug/l	100
8) Diethyl Ether	2.19	74	17221	17.92	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	25053	18.43	ug/l	98
10) 1,1-Dichloroethene	2.37	96	23963	18.75	ug/l	88
11) Methyl Iodide	2.51	142	28044	15.83	ug/l	94
12) Methyl Acetate	2.78	43	46153	19.52	ug/l	98
13) Acrolein	2.29	56	24745	134.18	ug/l	99
14) Acrylonitrile	3.15	53	80921	86.86	ug/l	100
15) Acetone	2.45	58	22230	87.93	ug/l	79
16) Carbon Disulfide	2.57	76	66232	18.66	ug/l	100
17) Allyl chloride	2.73	41	46921	17.74	ug/l	91
18) Methylene Chloride	2.85	84	27900	18.43	ug/l	99
19) trans-1,2-Dichloroethene	3.17	96	25463	18.43	ug/l	95
20) Diisopropyl ether	3.88	45	85939	17.70	ug/l	98
21) 1,1-Dichloroethane	3.70	63	49194	17.89	ug/l	100
22) cis-1,2-Dichloroethene	4.60	96	27821	19.95	ug/l #	75
23) tert-Butyl Alcohol	3.07	59	35401	90.46	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	81050	17.68	ug/l	92
25) Chloroform	5.22	83	47416	19.91	ug/l	99
26) Cyclohexane	5.57	56	40305	19.51	ug/l #	97
29) 1,1-Dichloropropene	5.80	75	34486	19.70	ug/l	98
30) 2-Butanone	4.71	43	107970	96.58	ug/l	95
31) 2,2-Dichloropropane	4.59	77	32912	19.41	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	40243	20.09	ug/l	98
33) Carbon Tetrachloride	5.78	117	34783	19.99	ug/l	98
34) Benzene	6.15	78	107230	19.94	ug/l	99
35) Methacrylonitrile	5.07	41	22209	19.12	ug/l	91
36) 1,2-Dichloroethane	6.20	62	37888	19.60	ug/l	95
37) Trichloroethene	7.21	130	28411	20.27	ug/l	86
38) Methylcyclohexane	7.46	83	38405	19.31	ug/l	99
39) 1,2-Dichloropropane	7.52	63	28239	19.87	ug/l	98
40) Dibromomethane	7.67	93	18281	19.88	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	33940	19.31	ug/l	98
42) Vinyl Acetate	3.83	43	351155	81.75	ug/l	99
43) Ethyl Acetate	4.87	43	39869	19.09	ug/l	96
44) Isopropyl Acetate	6.47	43	60831	18.99	ug/l	95
45) 1,4-Dioxane	7.76	88	13802	388.04	ug/l #	86
46) Methyl methacrylate	7.78	41	31640	19.15	ug/l	91
47) n-amyl Acetate	10.97	43	52813	17.47	ug/l #	89
48) t-1,3-Dichloropropene	8.44	75	40691	19.08	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	36425	18.21	ug/l	91
50) 1,1,2-Trichloroethane	9.22	97	27730	18.99	ug/l	99
51) Ethyl methacrylate	9.18	69	38699	17.60	ug/l	87
52) 1,3-Dichloropropane	9.38	76	46036	18.95	ug/l	99
53) Dibromochloromethane	9.59	129	27040	18.85	ug/l	98
54) 1,2-Dibromoethane	9.68	107	28898	18.93	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	102383	90.29	ug/l	99
56) Bromoform	10.91	173	20530	18.45	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	208988	101.33	ug/l	94
59) 2-Hexanone	9.50	43	162452	98.92	ug/l	94
61) Tetrachloroethene	9.34	164	26957	21.21	ug/l	96
62) Toluene	8.79	91	117931	20.80	ug/l	98
64) Chlorobenzene	10.14	112	74571	20.35	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	26586	20.51	ug/l	99
66) Ethyl Benzene	10.26	91	124284	19.92	ug/l	100
67) m/p-Xylenes	10.36	106	97721	40.67	ug/l	98
68) o-Xylene	10.73	106	46763	20.34	ug/l	96
69) Styrene	10.74	104	78009	20.04	ug/l	97
70) Isopropylbenzene	11.12	105	126499	19.99	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.48	83	43531	19.27	ug/l	100
72) 1,2,3-Trichloropropane	11.52	75	38073m	20.26	ug/l	
73) Bromobenzene	11.46	156	33840	19.84	ug/l	97
74) n-propylbenzene	11.62	91	145497	19.52	ug/l	99
75) 2-Chlorotoluene	11.71	91	87172m	19.84	ug/l	
76) 1,3,5-Trimethylbenzene	11.86	105	106790	19.88	ug/l	99
77) t-1,4-Dichloro-2-butene	11.20	75	11597	18.11	ug/l	93
78) 4-Chlorotoluene	11.87	91	99761m	19.40	ug/l	
79) tert-butylbenzene	12.19	119	106311m	19.24	ug/l	
80) 1,2,4-Trimethylbenzene	12.23	105	111079m	20.21	ug/l	
81) sec-Butylbenzene	12.35	105	126315m	20.20	ug/l	
82) p-Isopropyltoluene	12.44	119	111085	20.10	ug/l	99
83) 1,3-Dichlorobenzene	12.41	146	62782	20.15	ug/l	100
84) 1,4-Dichlorobenzene	12.48	146	63979m	20.40	ug/l	
85) n-Butylbenzene	12.71	91	94305m	19.23	ug/l	
86) Hexachloroethane	12.90	117	16544m	18.58	ug/l	
87) 1,2-Dichlorobenzene	12.73	146	63625m	20.35	ug/l	
88) 1,2-Dibromo-3-Chloropropan	13.24	75	9345	19.59	ug/l	97
89) 1,2,4-Trichlorobenzene	13.82	180	44659	20.34	ug/l	99
90) Hexachlorobutadiene	13.94	225	21412m	21.51	ug/l	
91) Naphthalene	13.99	128	134196	20.00	ug/l	100
92) 1,2,3-Trichlorobenzene	14.16	180	46091	20.61	ug/l	100

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ClientSampleId :
VX0802WBSD01

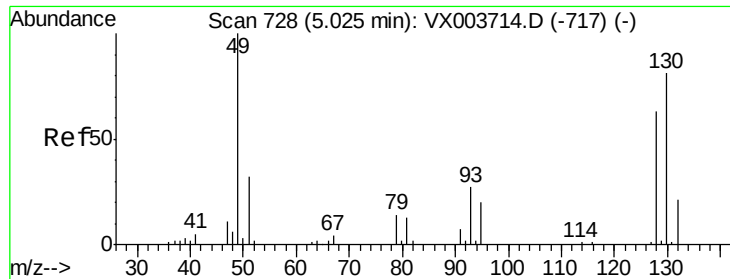
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0802WBSD01

Tot Ion:128 Resp: 22289

Ion Ratio Lower Upper

128 100

49 159.2 0.0 423.0

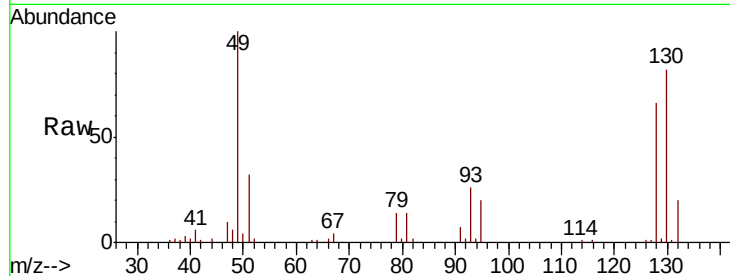
130 128.2 0.0 324.3

Manual Integrations

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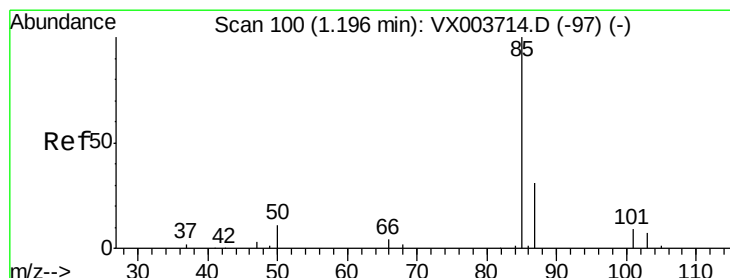
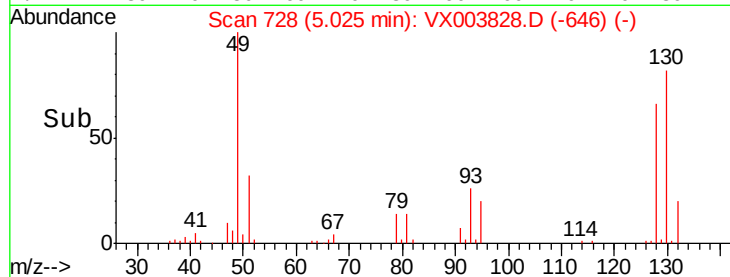
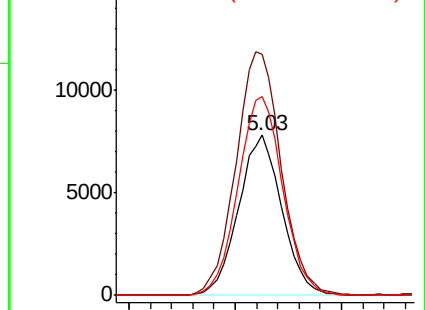
8/3/2018 9:48:28 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 27.17 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003828.D

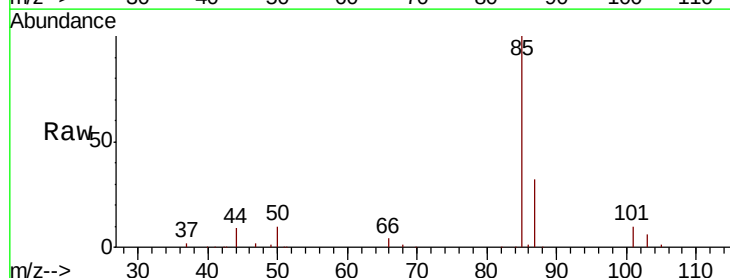
Acq: 02 Aug 2018 16:31

Tgt Ion: 85 Resp: 31983

Ion Ratio Lower Upper

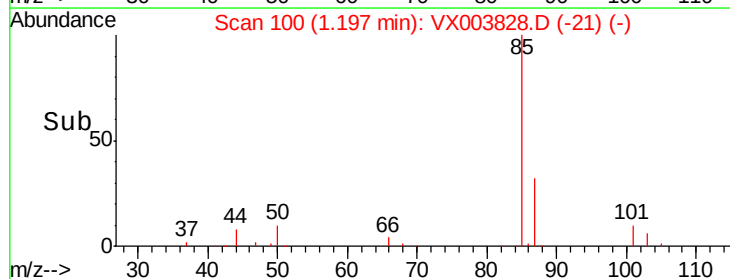
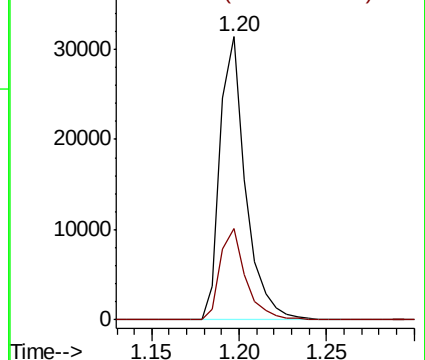
85 100

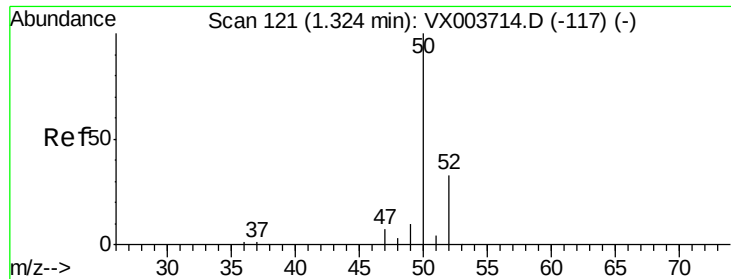
87 32.1 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 23.94 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0802WBSD01

Tot Ion: 50 Resp: 37939

Ion Ratio Lower Upper

50 100

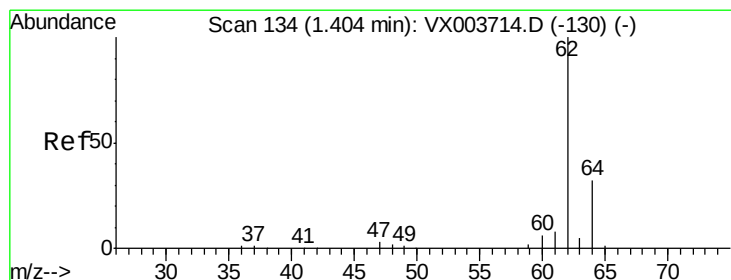
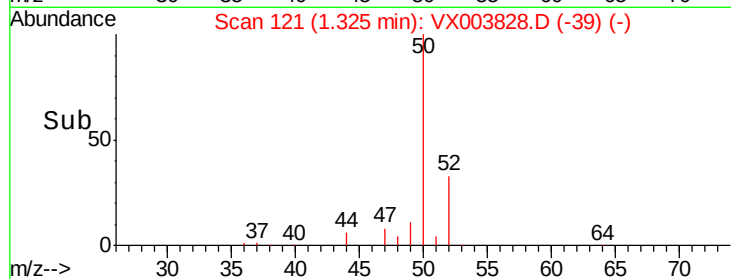
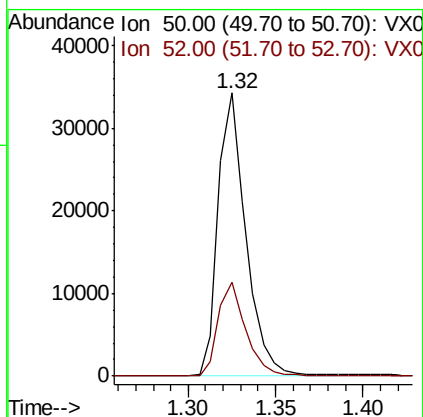
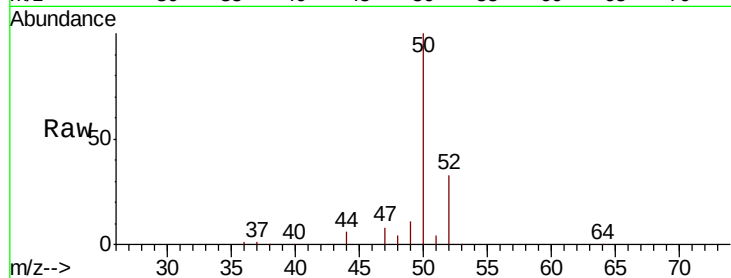
52 33.3 25.6 38.4

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#4

Vinyl Chloride

Concen: 19.53 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003828.D

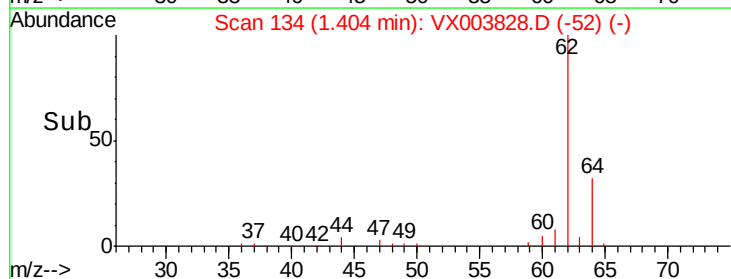
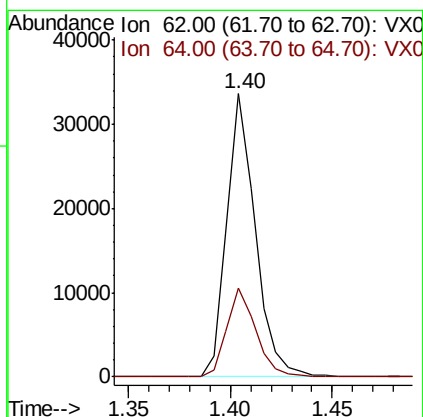
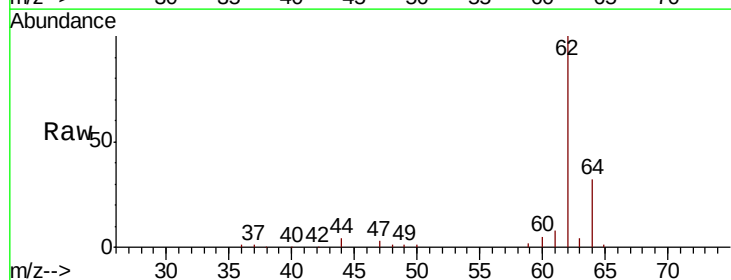
Acq: 02 Aug 2018 16:31

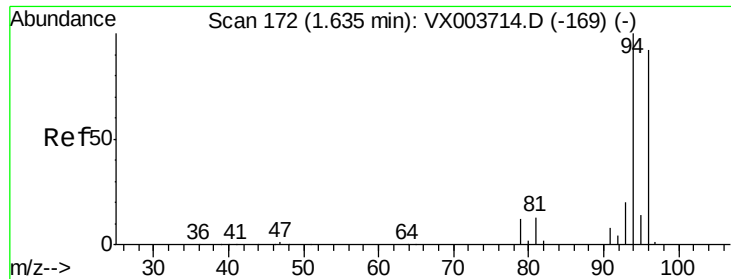
Tgt Ion: 62 Resp: 32546

Ion Ratio Lower Upper

62 100

64 31.4 25.3 37.9





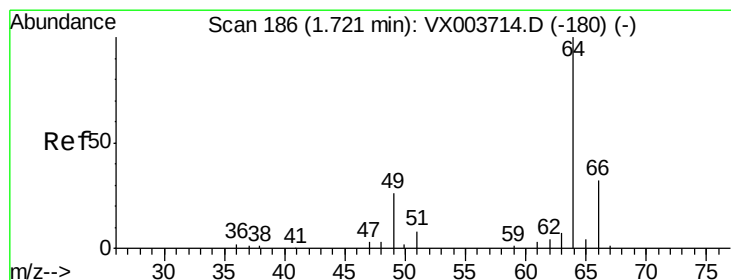
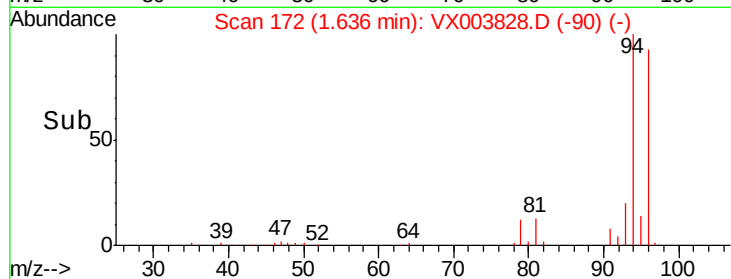
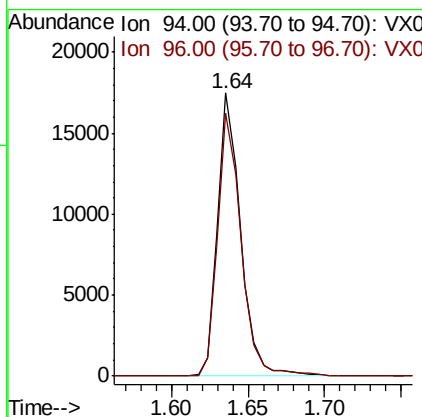
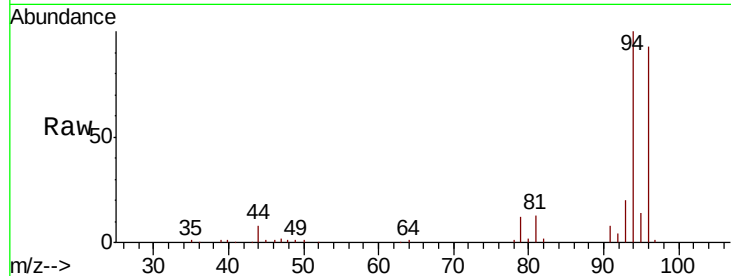
#5
Bromomethane
Concen: 18.37 ug/l
RT: 1.64 min Scan# 172
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

Tot Ion: 94 Resp: 18302
Ion Ratio Lower Upper
94 100
96 92.7 75.7 113.5

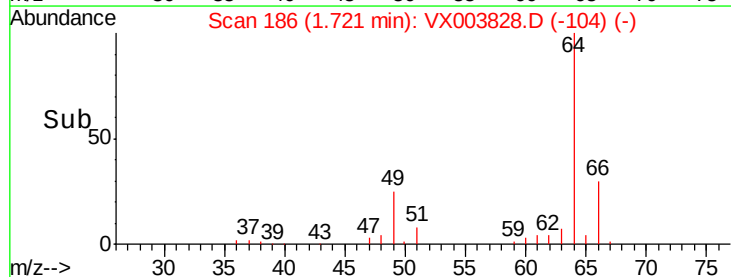
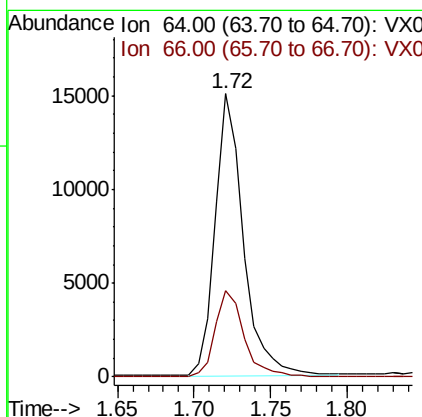
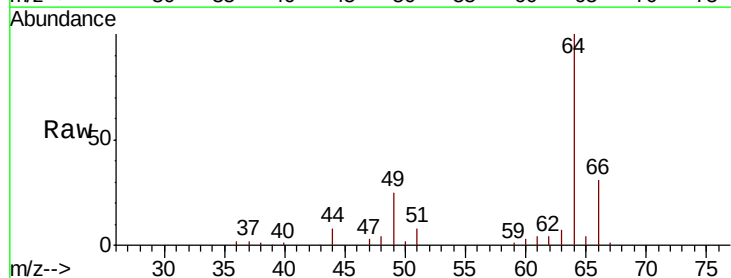
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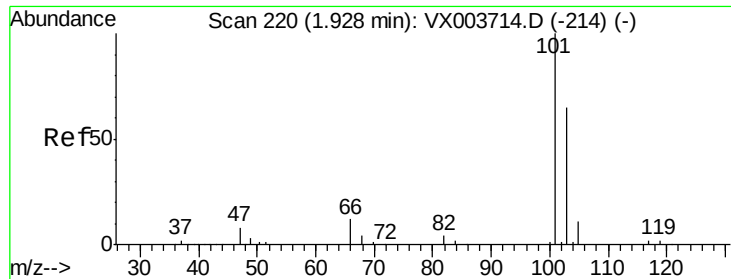
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#6
Chloroethane
Concen: 17.68 ug/l
RT: 1.72 min Scan# 186
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion: 64 Resp: 19282
Ion Ratio Lower Upper
64 100
66 30.7 24.3 36.5





#7

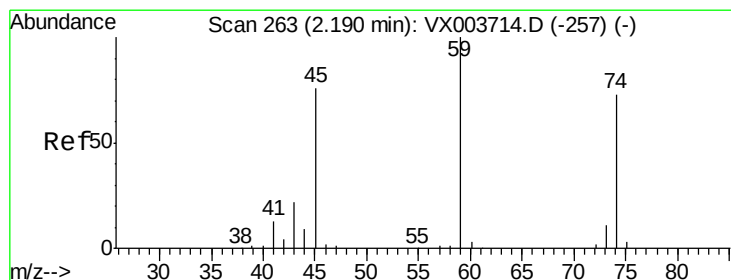
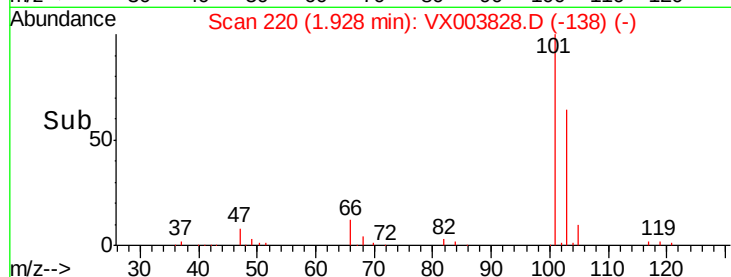
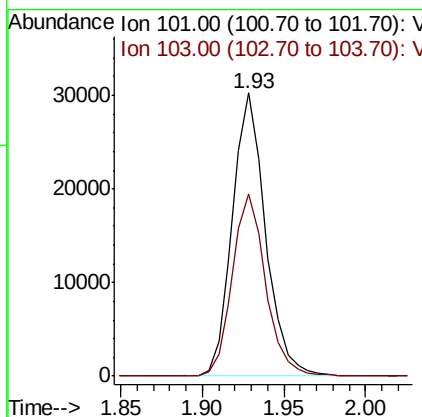
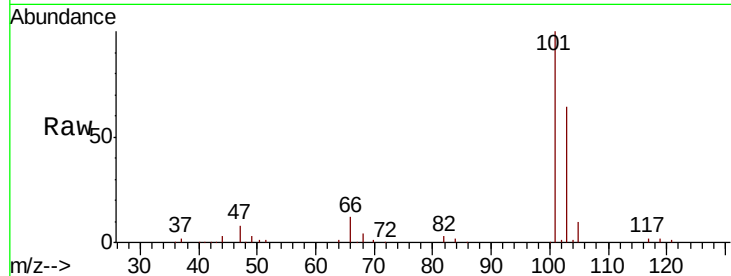
Trichlorofluoromethane
 Concen: 19.13 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

Tot Ion:101 Resp: 42874
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.5 77.3

Manual Integrations
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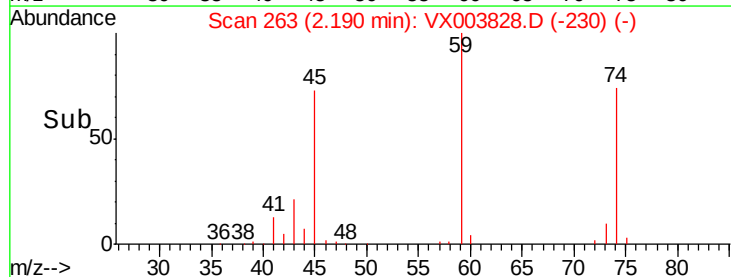
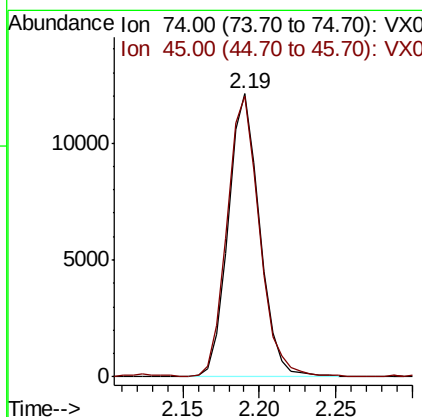
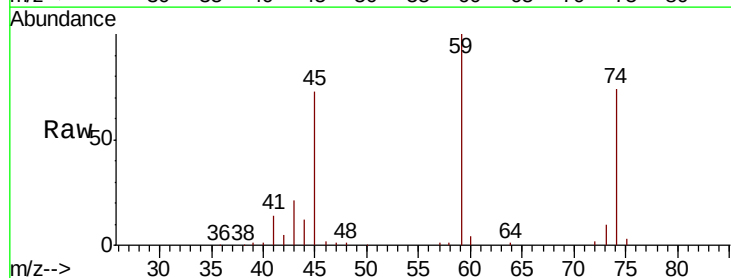
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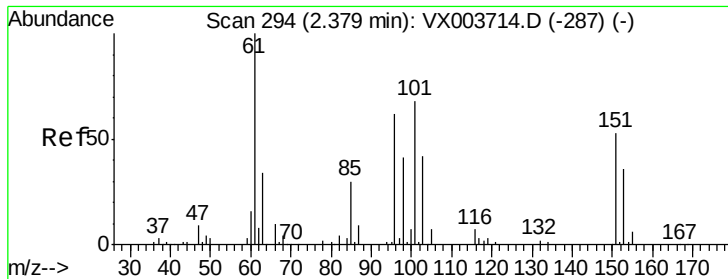


#8

Diethyl Ether
 Concen: 17.92 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion: 74 Resp: 17221
 Ion Ratio Lower Upper
 74 100
 45 102.4 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.43 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

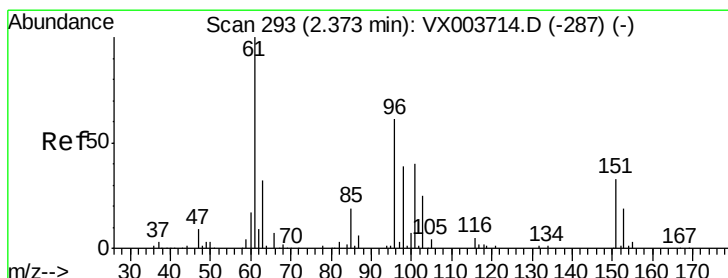
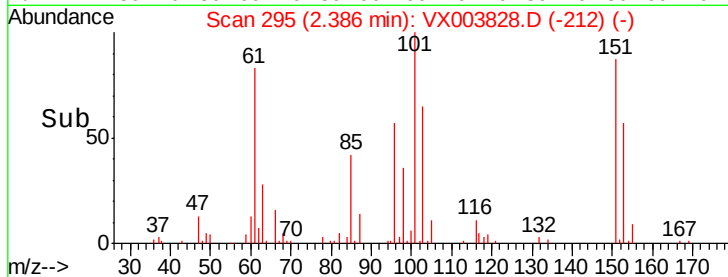
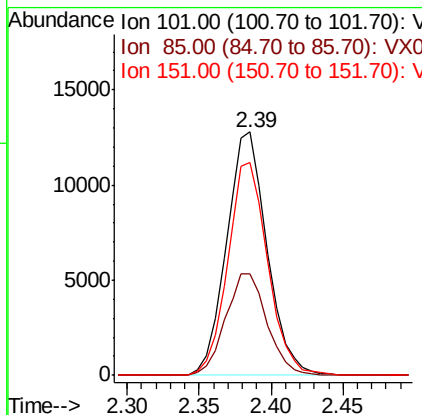
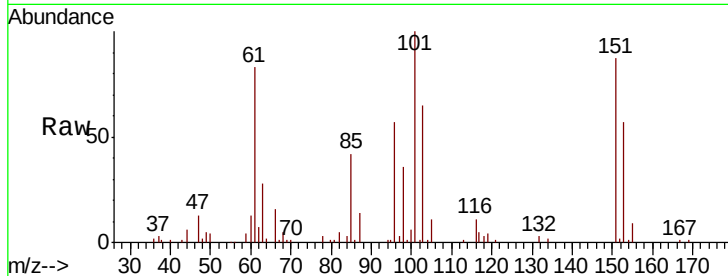
ClientSampleId :

VX0802WBSD01

Tot Ion:	101	Resp:	25053
Ion Ratio	Lower	Upper	
101	100		
85	42.8	0.0	87.0
151	86.3	0.0	177.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.75 ug/l

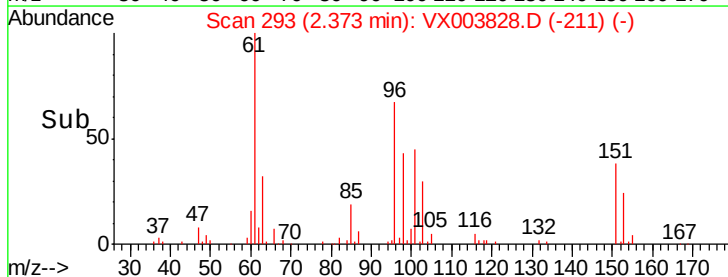
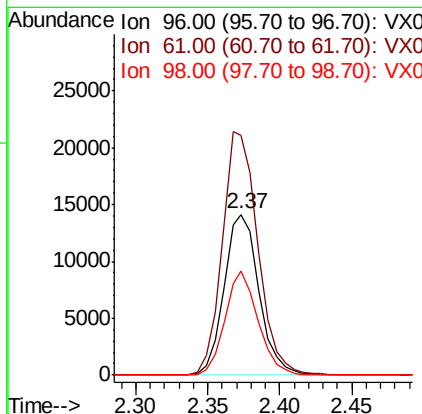
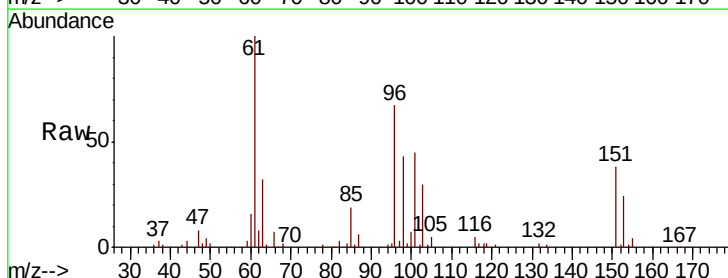
RT: 2.37 min Scan# 293

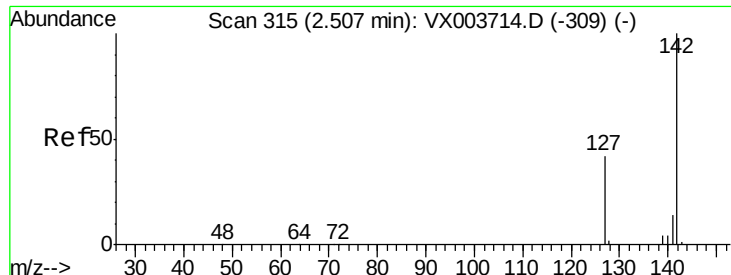
Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Tgt Ion:	96	Resp:	23963
Ion Ratio	Lower	Upper	
96	100		
61	149.3	137.5	206.3
98	64.7	51.4	77.2





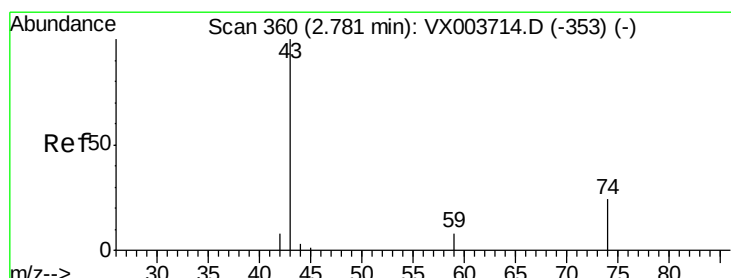
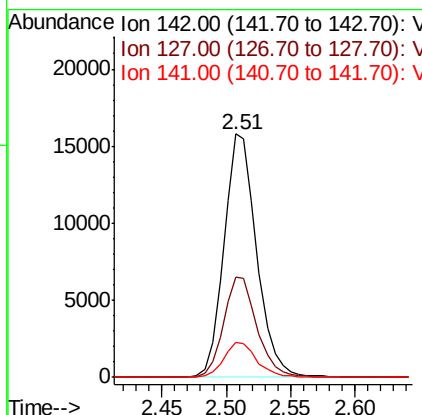
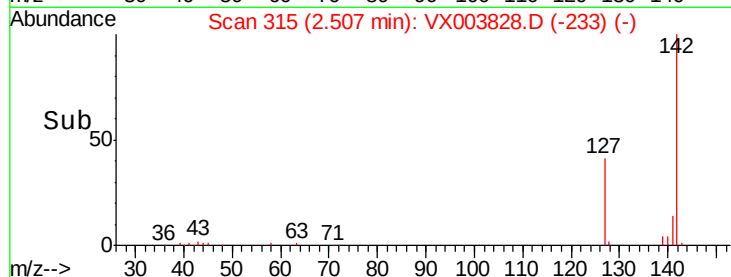
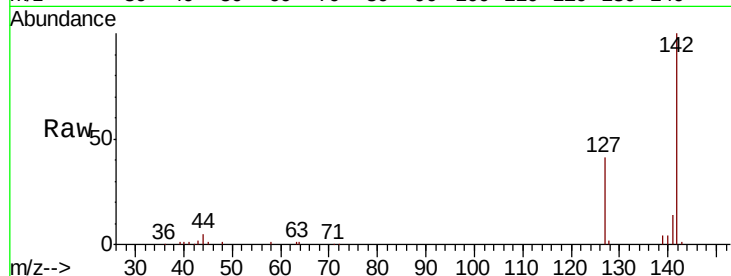
#11
Methyl Iodide
Concen: 15.83 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	41.2	23.2	69.6
141	14.3	7.4	22.2

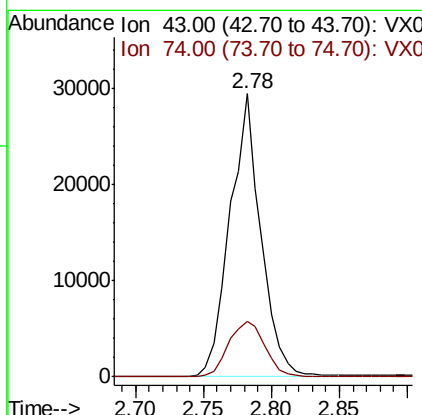
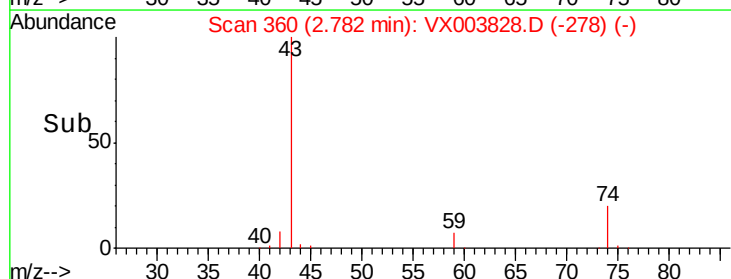
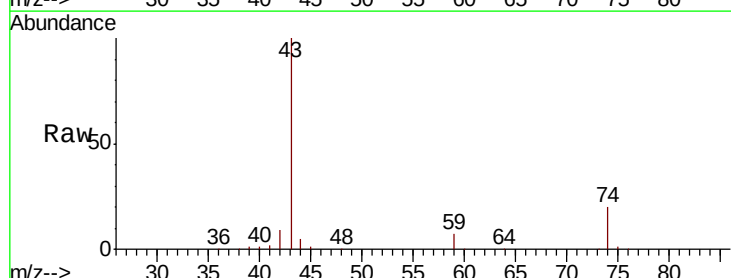
Manual Integrations
APPROVED

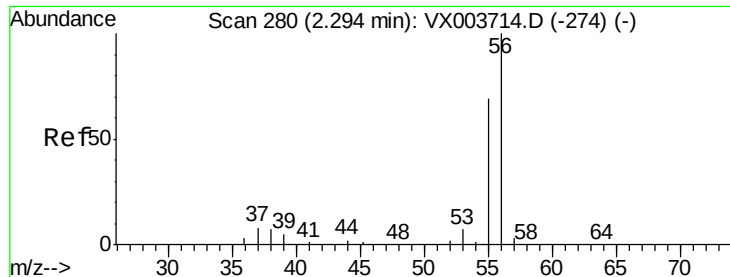
MMDadoda
8/3/2018 9:48:28 AM



#12
Methyl Acetate
Concen: 19.52 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.7	16.4	24.6





#13

Acrolein

Concen: 134.18 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

ClientSampled :

VX0802WBSD01

Tot Ion: 56 Resp: 24745

Ion Ratio Lower Upper

56 100

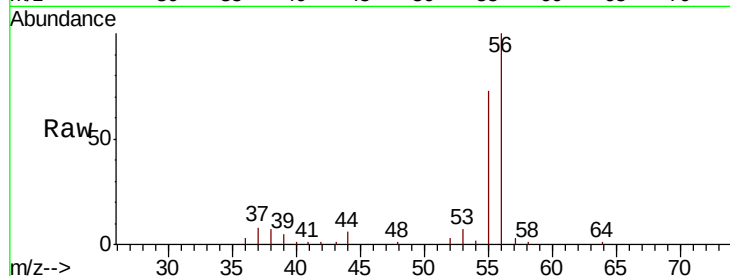
55 72.2 57.3 85.9

Manual Integrations

APPROVED

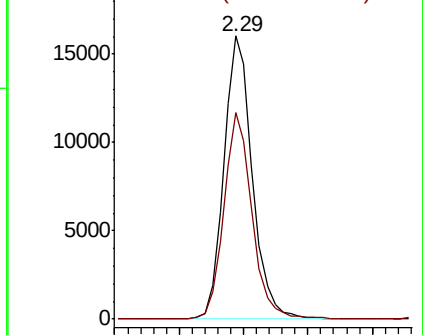
MMDadoda

8/3/2018 9:48:28 AM

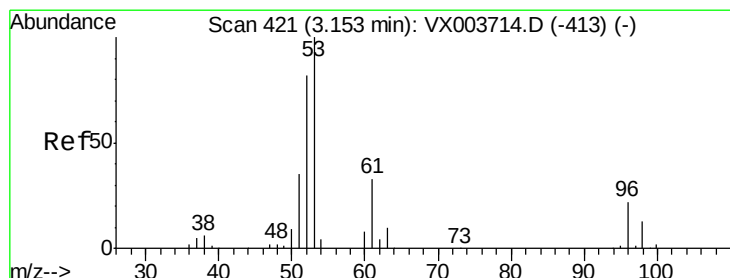
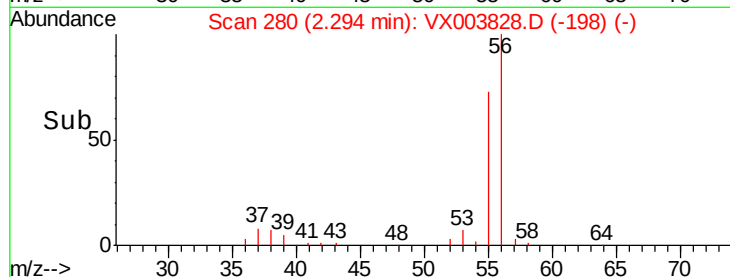


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time--> 2.20 2.25 2.30 2.35 2.40



#14

Acrylonitrile

Concen: 86.86 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

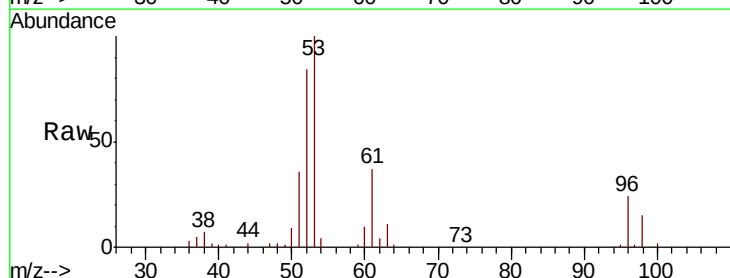
Tgt Ion: 53 Resp: 80921

Ion Ratio Lower Upper

53 100

52 83.3 41.5 124.6

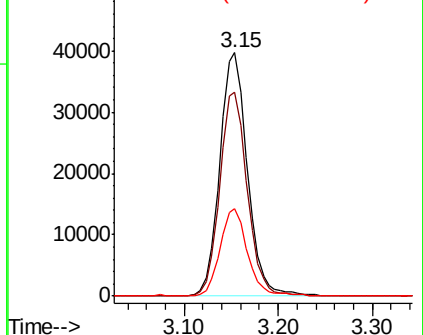
51 35.4 17.9 53.8



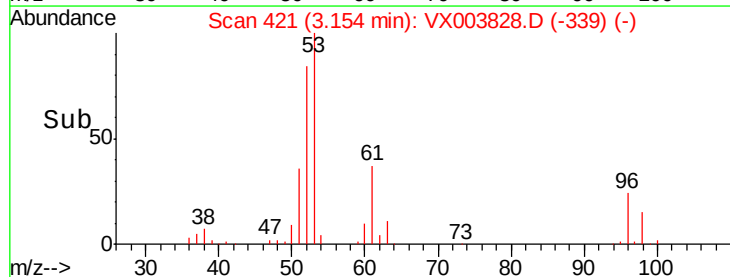
Abundance Ion 53.00 (52.70 to 53.70): VX0

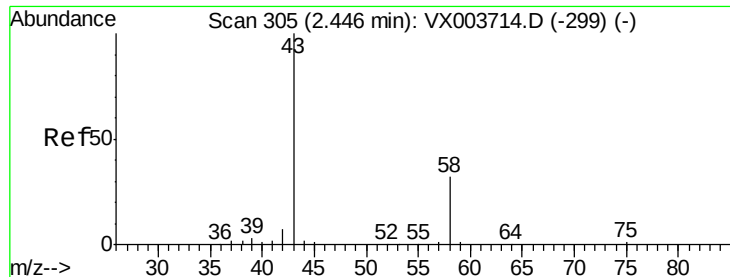
Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time--> 3.10 3.20 3.30





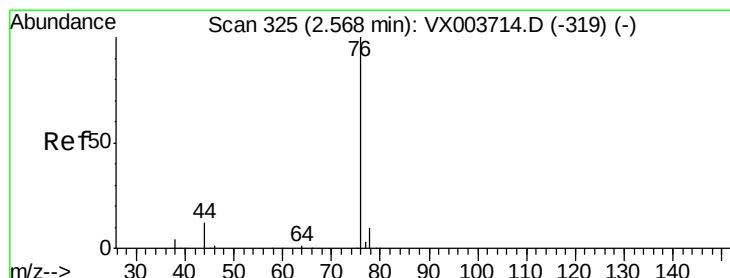
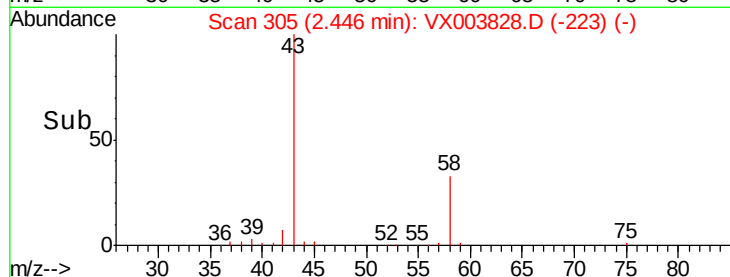
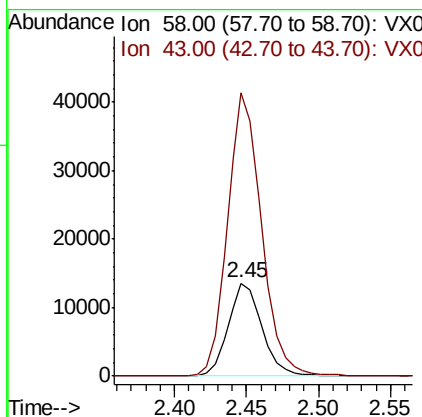
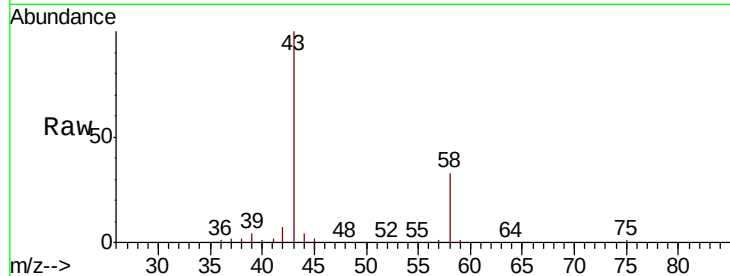
#15
Acetone
Concen: 87.93 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

Tot Ion: 58 Resp: 22230
Ion Ratio Lower Upper
58 100
43 303.1 278.8 418.2

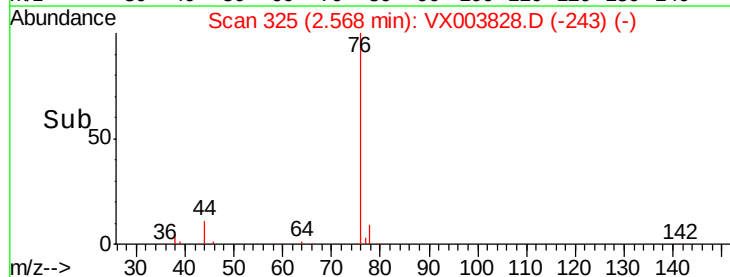
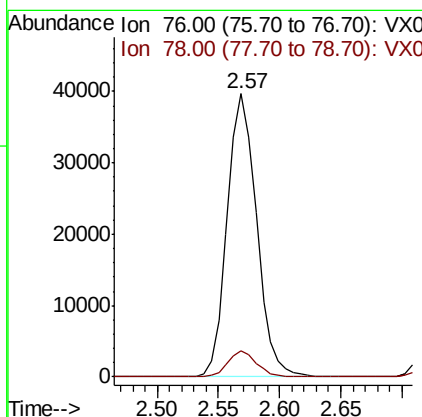
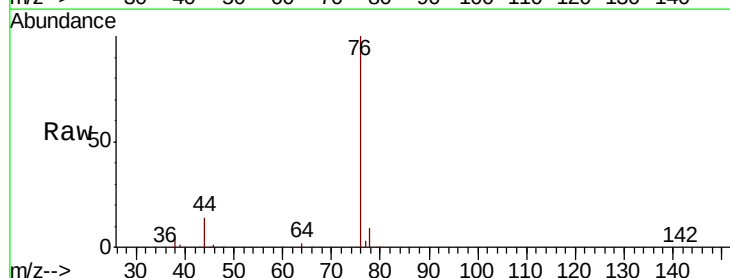
Manual Integrations
APPROVED

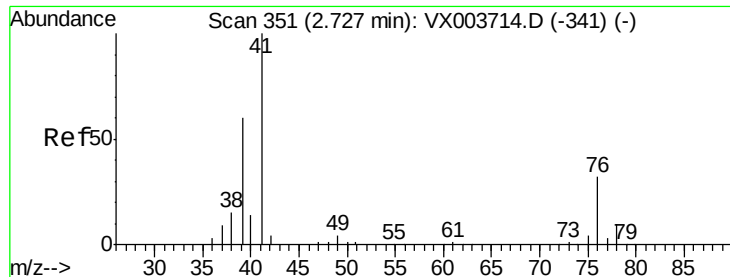
MMDadoda
8/3/2018 9:48:28 AM



#16
Carbon Disulfide
Concen: 18.66 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion: 76 Resp: 66232
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0





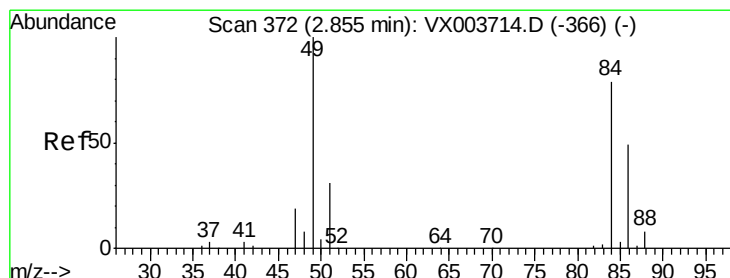
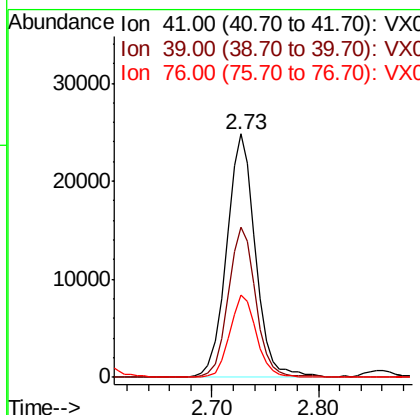
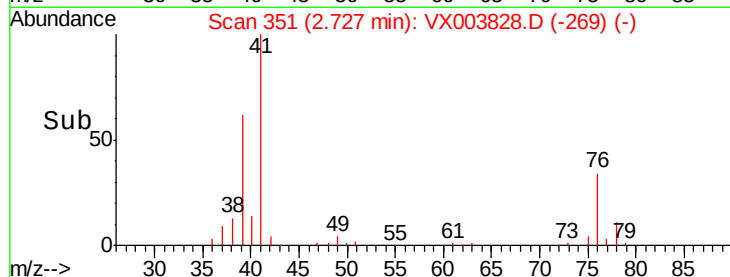
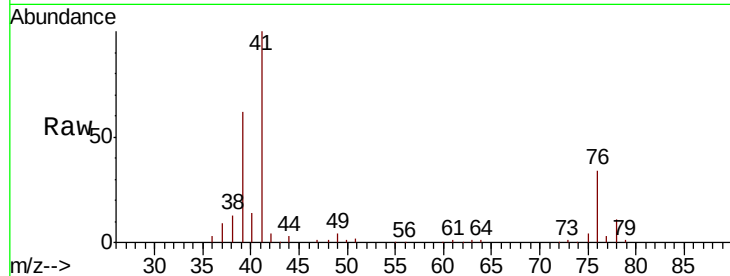
#17
Allvl chloride
Concen: 17.74 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

Tot Ion:	41	Resp:	46921
Ion	Ratio	Lower	Upper
41	100		
39	61.6	34.6	103.8
76	33.7	15.0	45.1

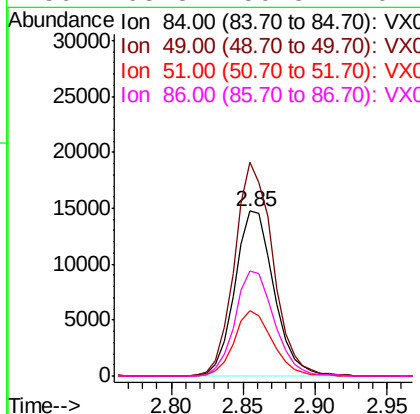
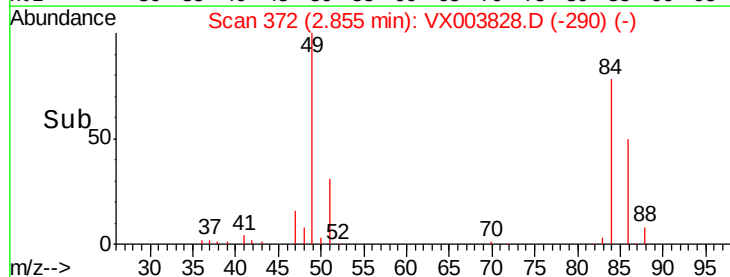
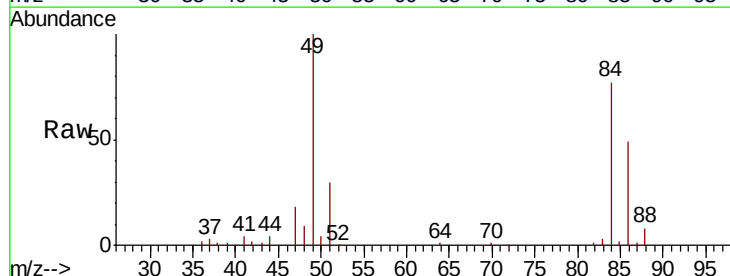
Manual Integrations
APPROVED

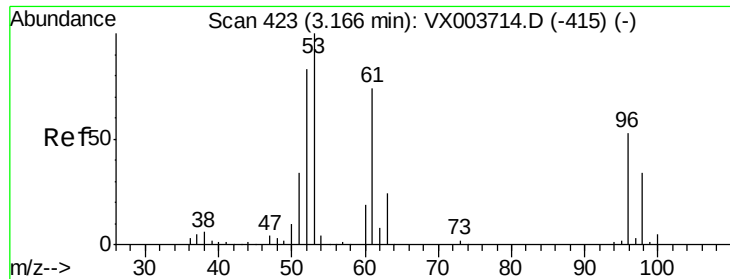
MMDadoda
8/3/2018 9:48:28 AM



#18
Methylene Chloride
Concen: 18.43 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion:	84	Resp:	27900
Ion	Ratio	Lower	Upper
84	100		
49	129.4	104.7	157.1
51	39.2	31.0	46.4
86	63.8	50.8	76.2





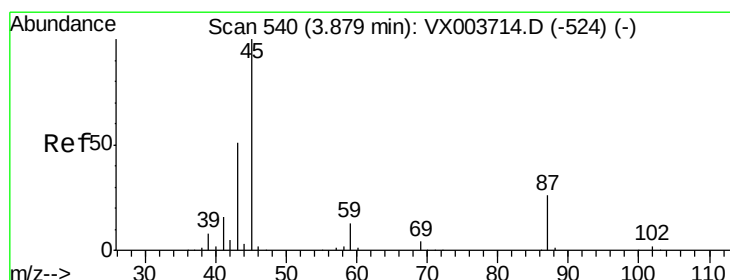
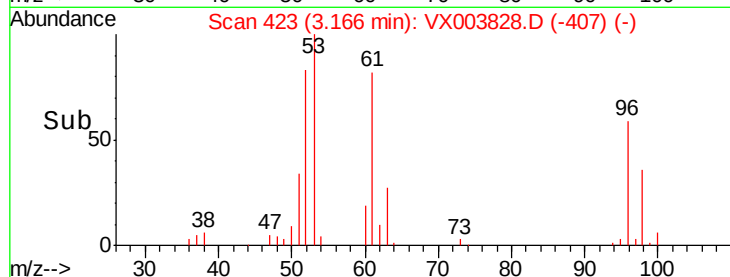
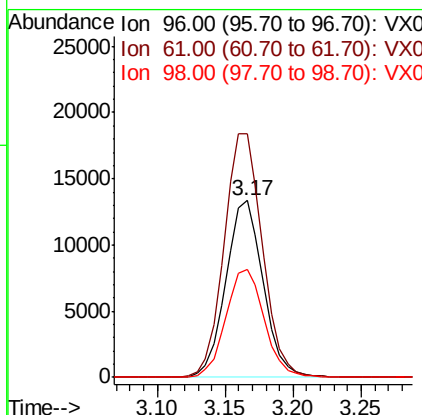
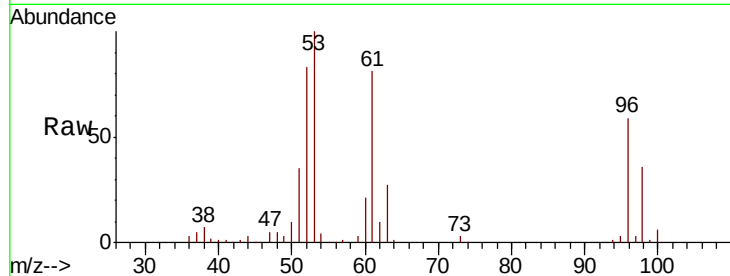
#19
trans-1,2-Dichloroethene
Concen: 18.43 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.6	114.6	172.0
98	60.7	51.3	76.9

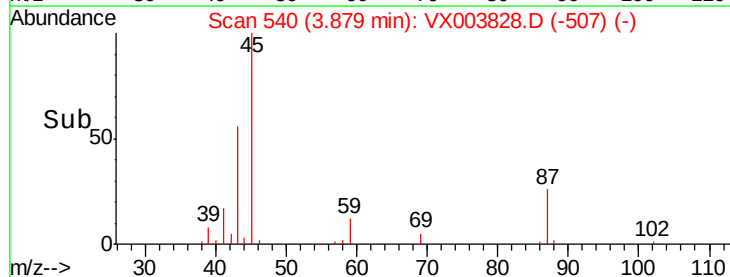
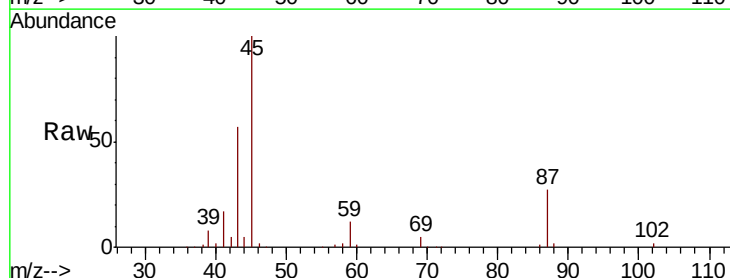
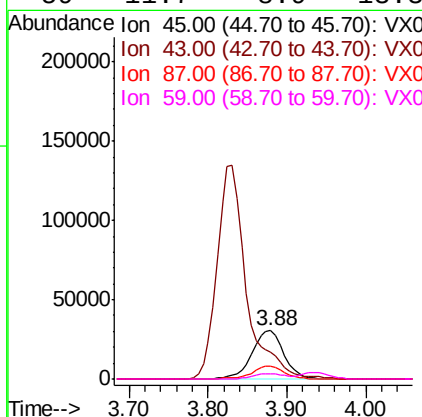
Manual Integrations
APPROVED

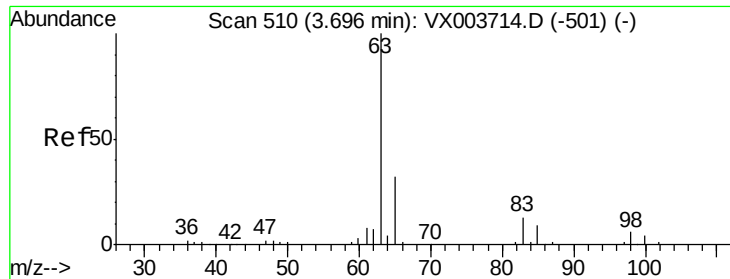
MMDadoda
8/3/2018 9:48:28 AM



#20
Diisopropyl ether
Concen: 17.70 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.5	45.6	68.4
87	26.7	20.7	31.1
59	11.7	8.9	13.3





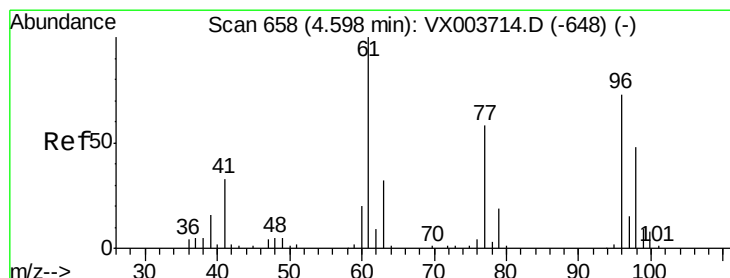
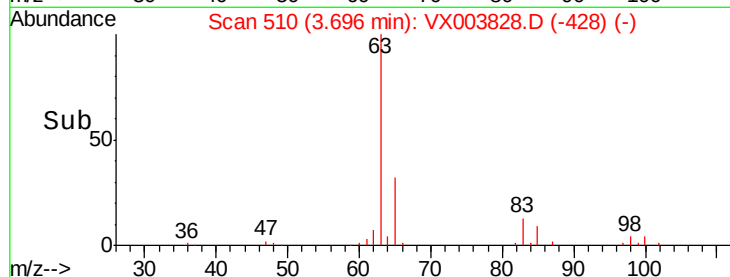
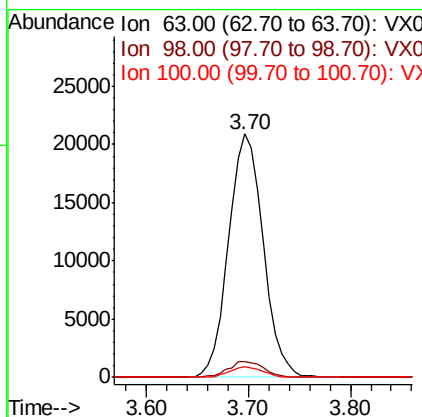
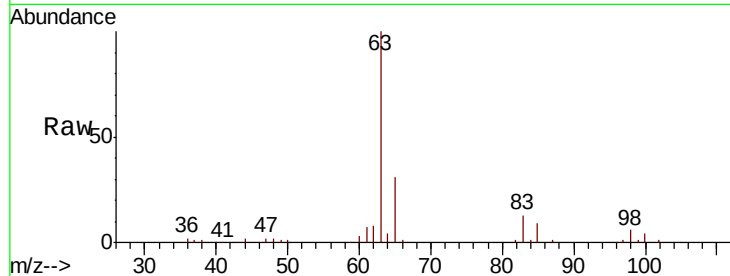
#21
 1,1-Dichloroethane
 Concen: 17.89 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

Tot Ion:	63	Resp:	49194
Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.1	9.3
100	4.3	2.2	6.6

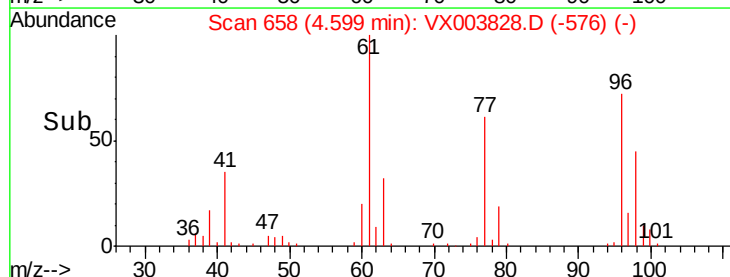
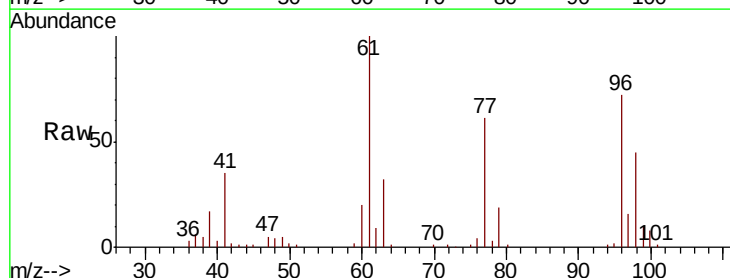
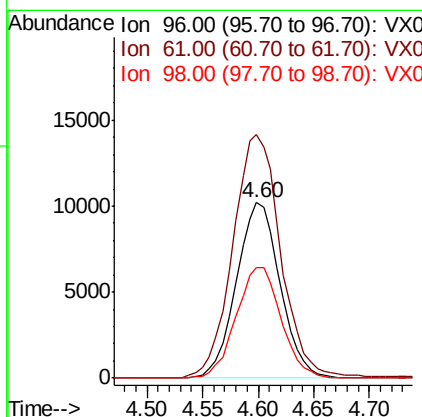
Manual Integrations
 APPROVED

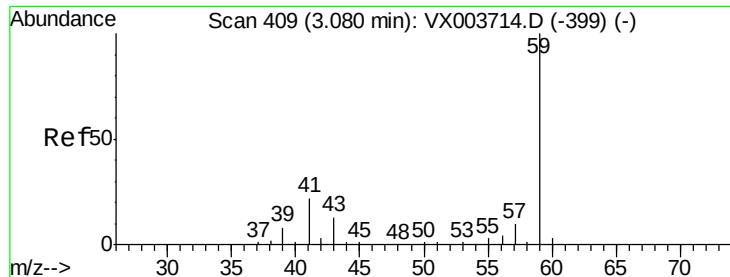
MMDadoda
 8/3/2018 9:48:28 AM



#22
 cis-1,2-Dichloroethene
 Concen: 19.95 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion:	96	Resp:	27821
Ion	Ratio	Lower	Upper
96	100		
61	151.9	160.2	240.2#
98	64.5	54.1	81.1





#23

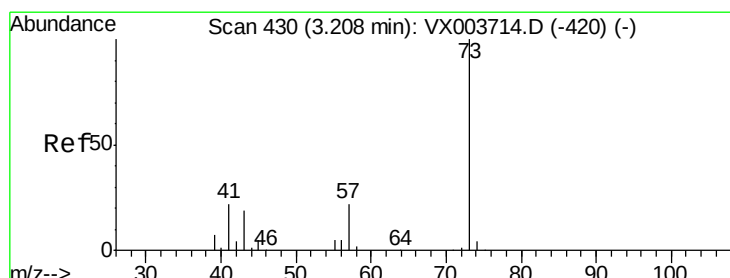
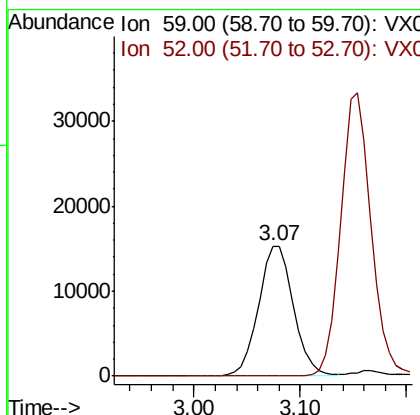
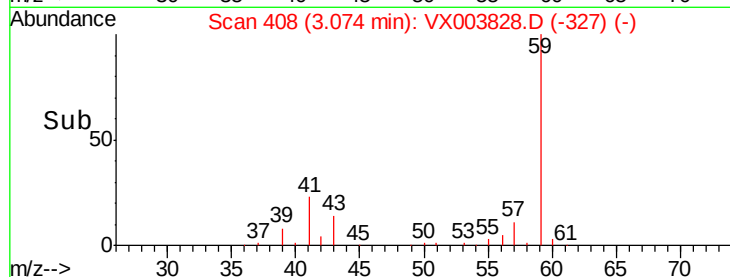
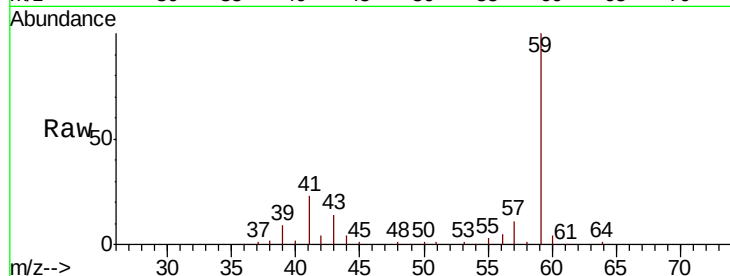
tert-Butyl Alcohol
Concen: 90.46 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Instrument :
MSVOA_X
ClientSampled :
VX0802WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.2	0.2#

Manual Integrations
APPROVED

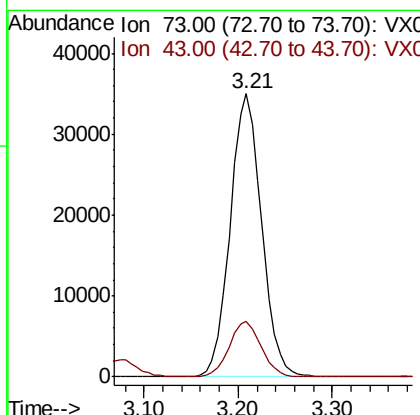
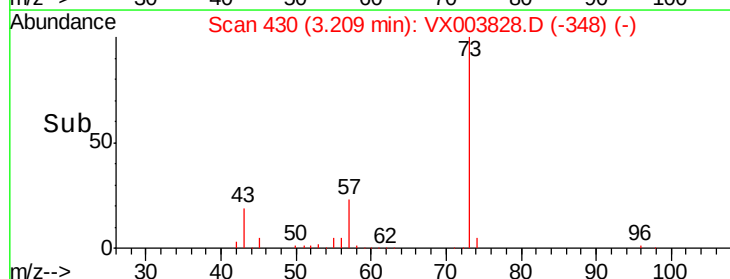
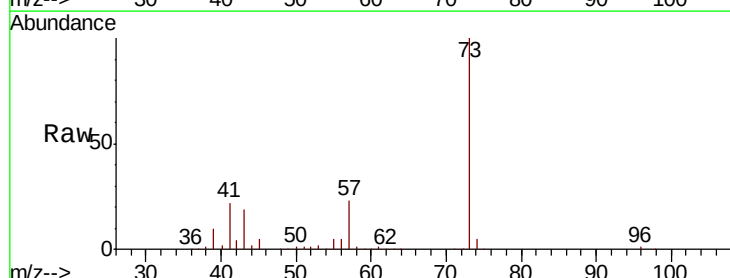
MMDadoda
8/3/2018 9:48:28 AM

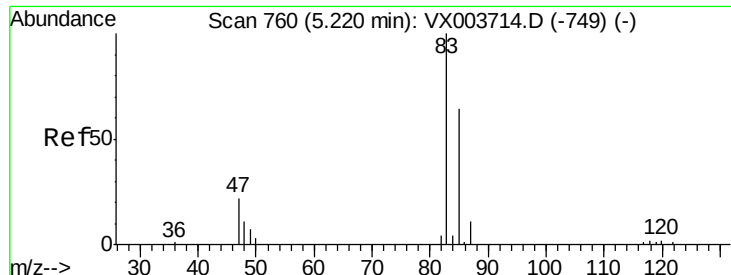


#24

Methyl tert-Butyl Ether
Concen: 17.68 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
73	100		
43	19.6	19.0	28.4





#25

Chloroform

Concen: 19.91 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

ClientSampled :

VX0802WBSD01

Tot Ion: 83 Resp: 47416

Ion Ratio Lower Upper

83 100

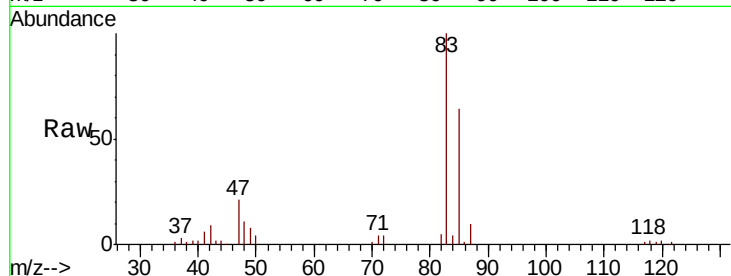
85 63.7 51.9 77.9

Manual Integrations

APPROVED

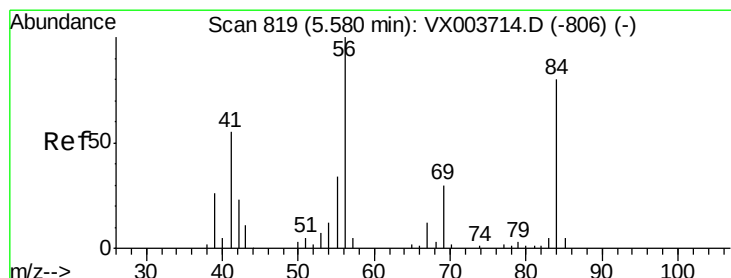
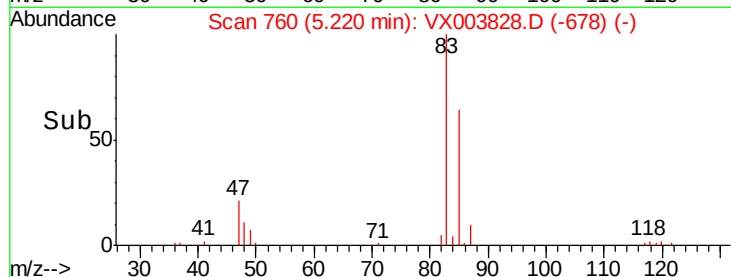
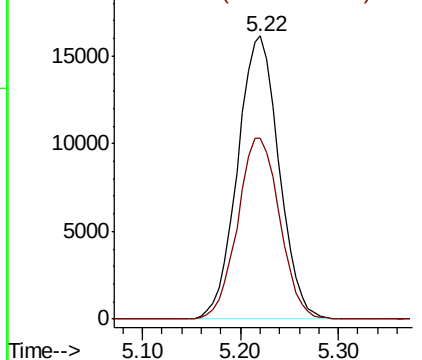
MMDadoda

8/3/2018 9:48:28 AM



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 19.51 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

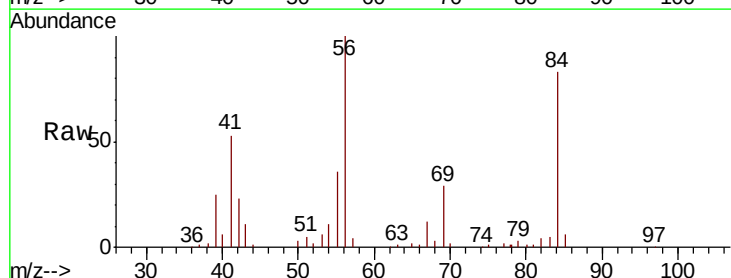
Tgt Ion: 56 Resp: 40305

Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

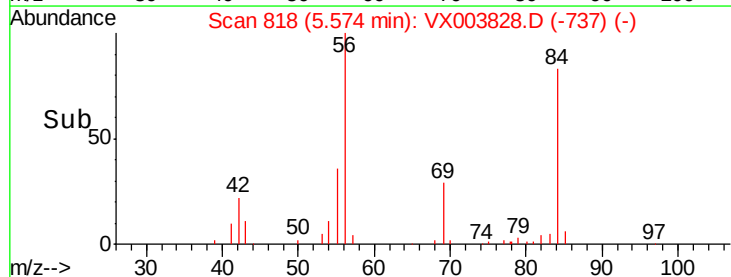
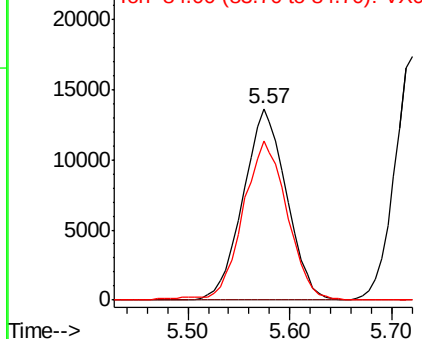
84 84.2 64.9 97.3

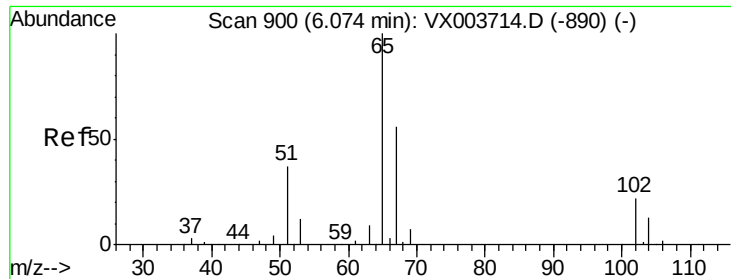


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





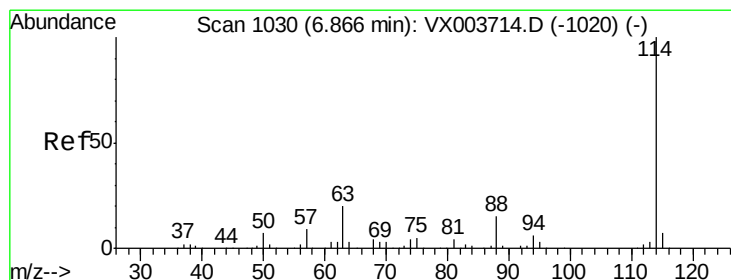
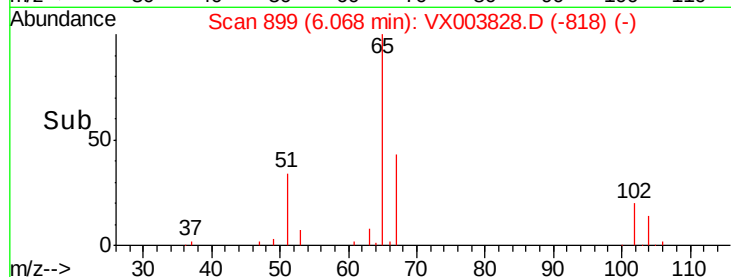
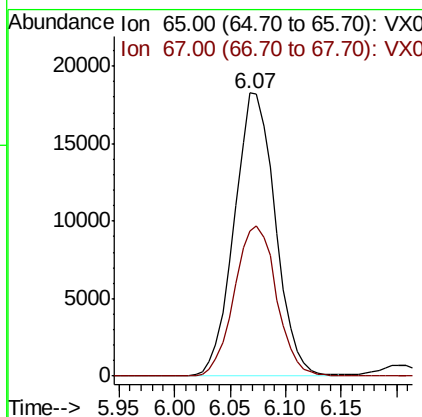
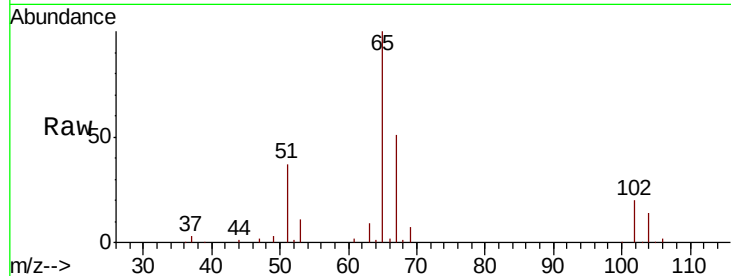
#27
 1,2-Dichloroethane-d4
 Concen: 28.65 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.4	40.9	61.3

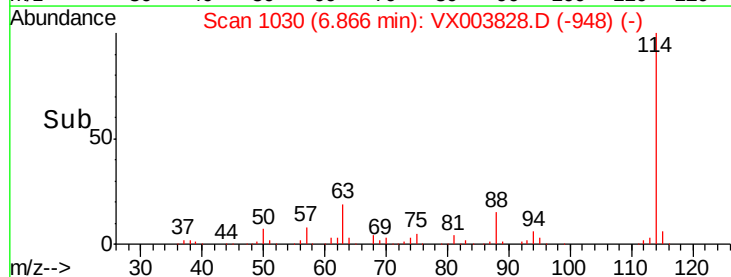
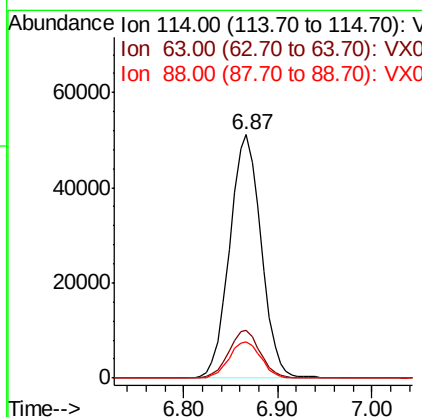
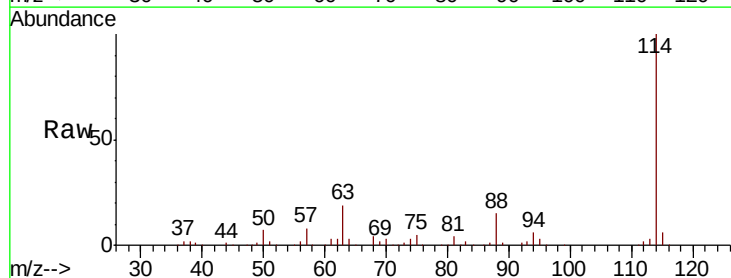
Manual Integrations
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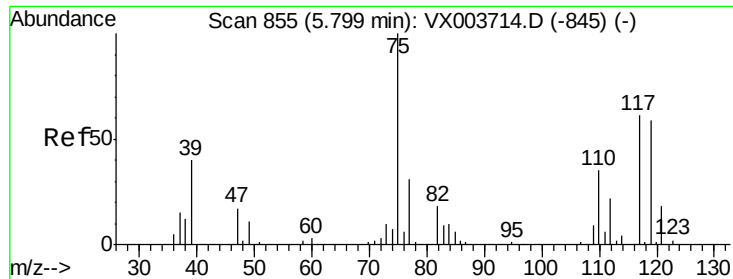
MMDadoda
 8/3/2018 9:48:28 AM



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	17.1	25.7
88	15.2	12.6	19.0





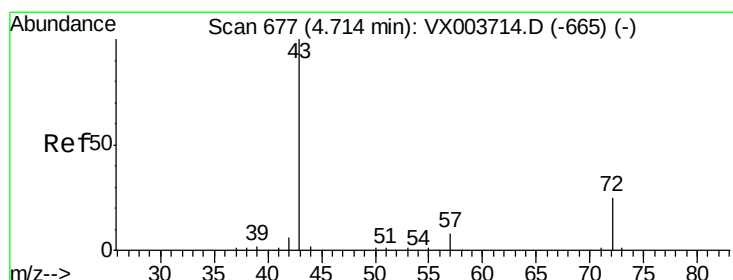
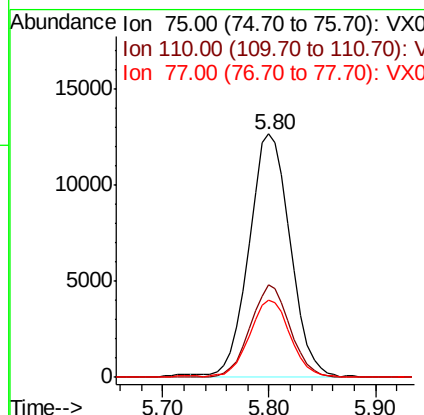
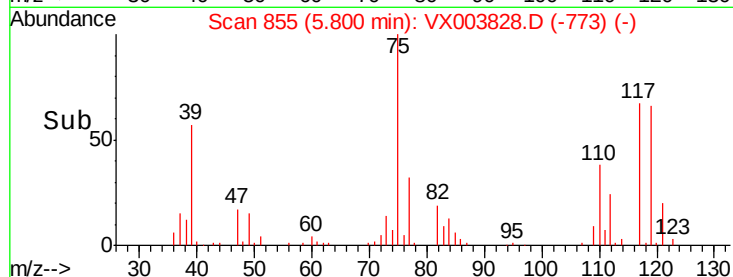
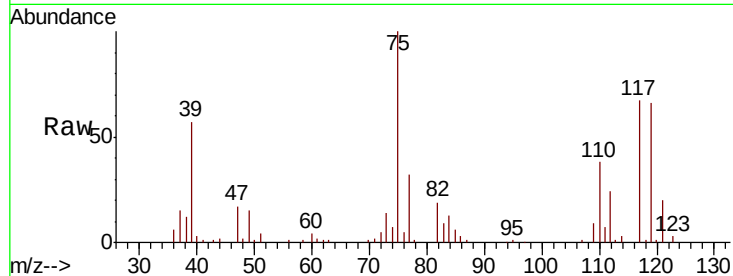
#29
 1,1-Dichloropropene
 Concen: 19.70 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.5	0.0	71.4
77	31.5	0.0	60.6

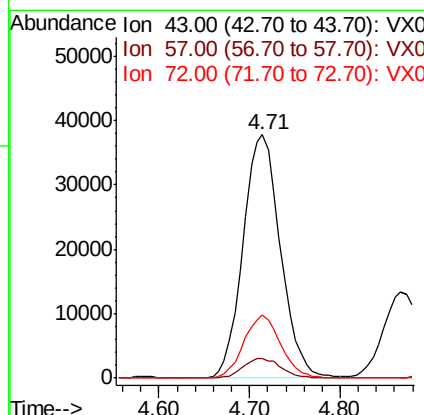
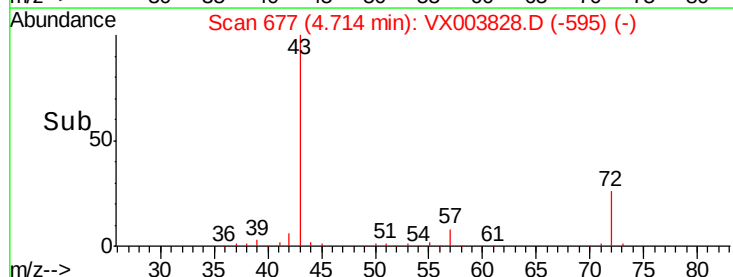
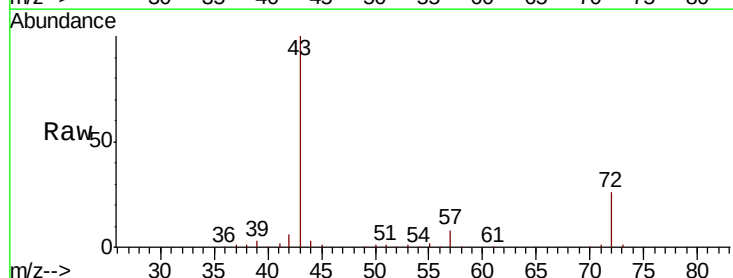
Manual Integrations
 APPROVED

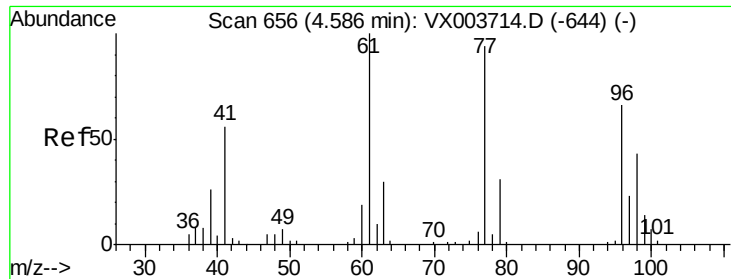
MMDadoda
 8/3/2018 9:48:28 AM



#30
 2-Butanone
 Concen: 96.58 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.1	9.1
72	25.6	18.1	27.1





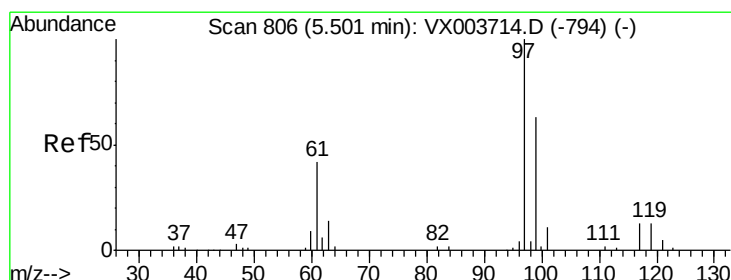
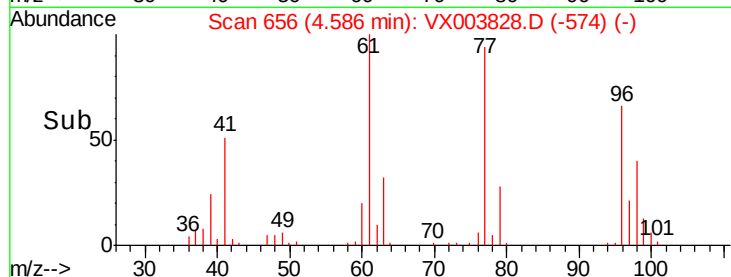
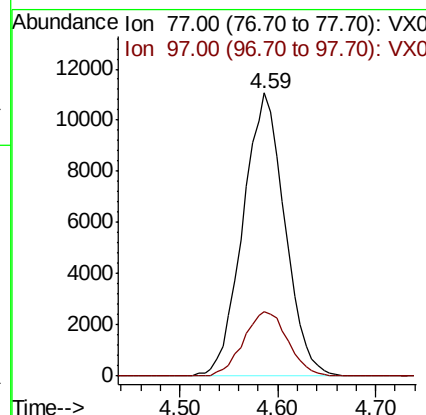
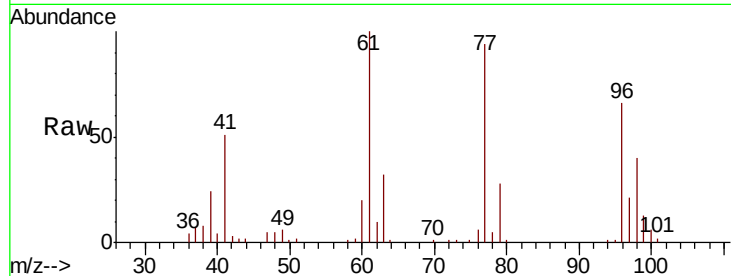
#31
 2,2-Dichloropropane
 Concen: 19.41 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

Tot Ion: 77 Resp: 32912
 Ion Ratio Lower Upper
 77 100
 97 23.9 18.7 28.1

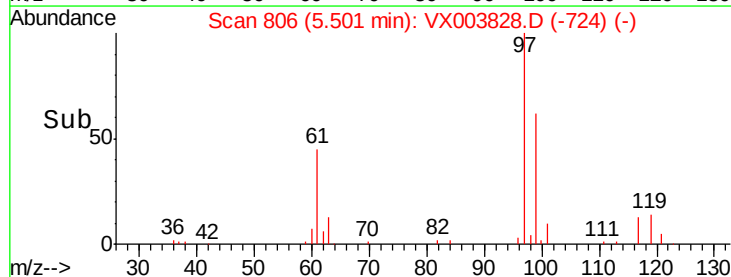
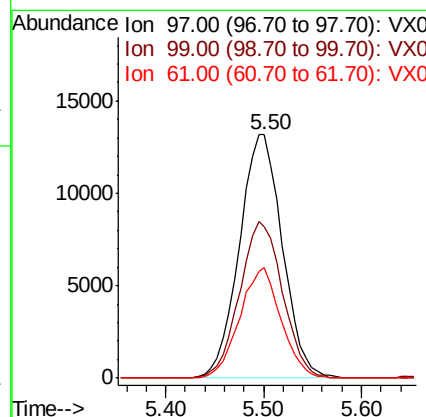
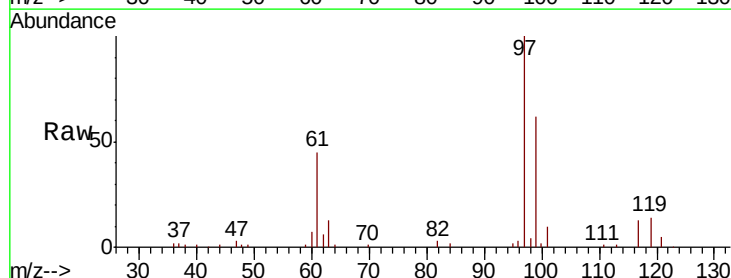
Manual Integrations
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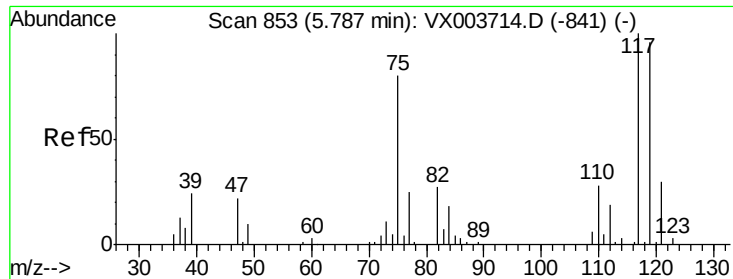
MMDadoda
 8/3/2018 9:48:28 AM



#32
 1,1,1-Trichloroethane
 Concen: 20.09 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion: 97 Resp: 40243
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.7 77.5
 61 43.6 36.4 54.6





#33

Carbon Tetrachloride

Concen: 19.99 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

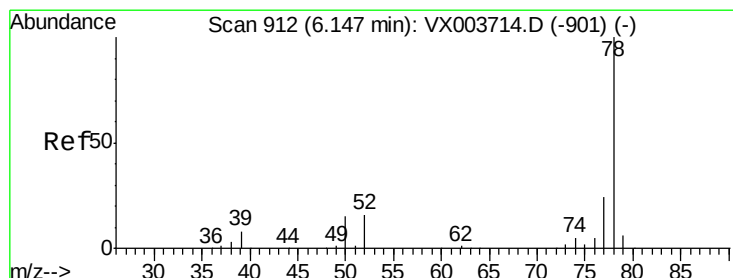
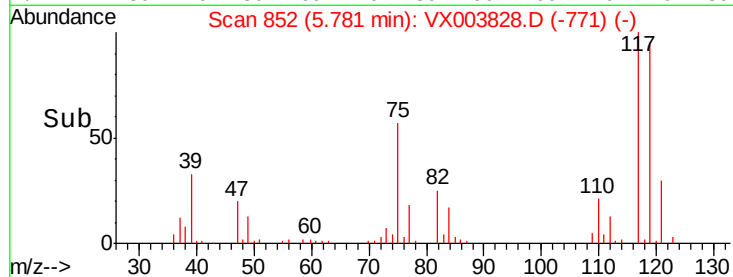
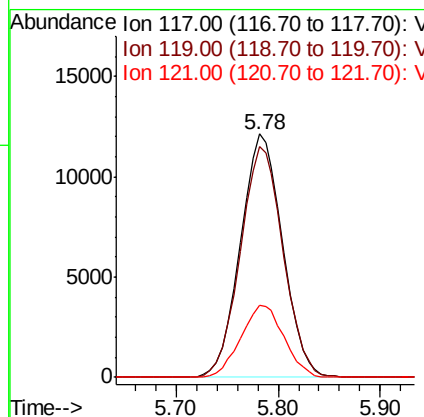
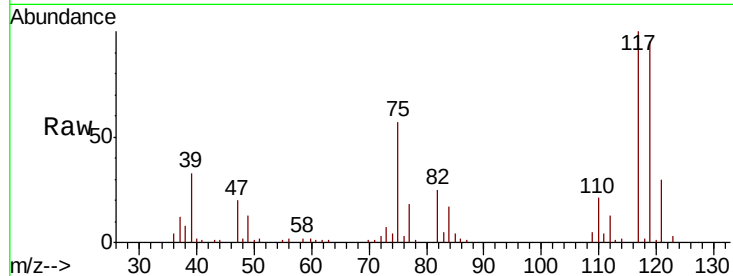
ClientSampleId :

VX0802WBSD01

Tot Ion:	117	Resp:	34783
Ion	Ratio	Lower	Upper
117	100		
119	94.6	73.3	109.9
121	29.7	23.6	35.4

Manual Integrations
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#34

Benzene

Concen: 19.94 ug/l

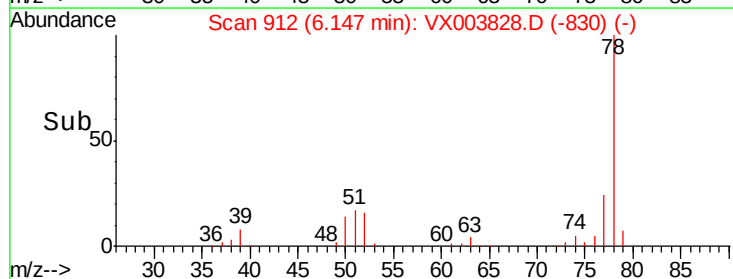
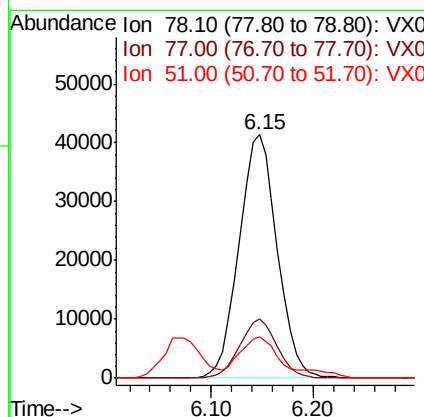
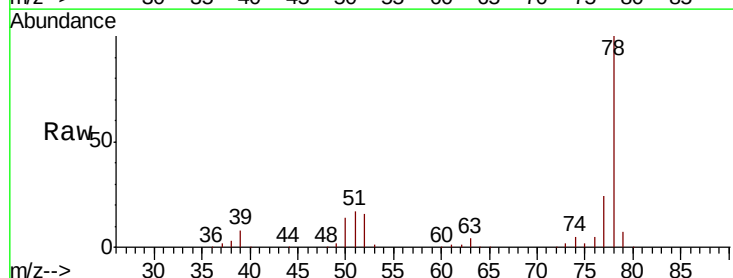
RT: 6.15 min Scan# 912

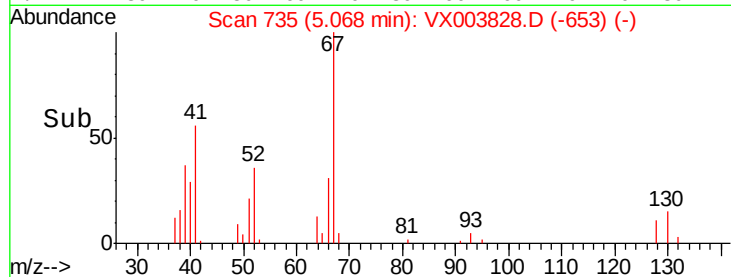
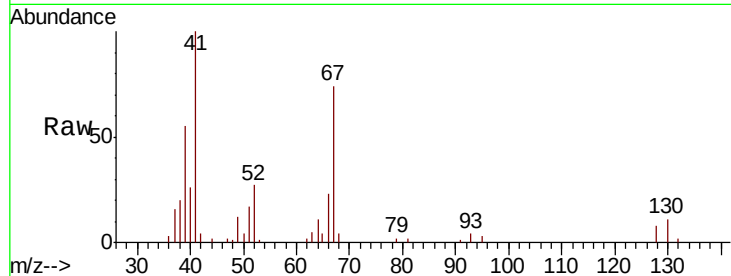
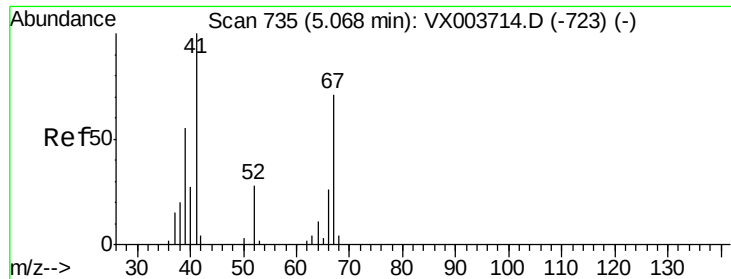
Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Tgt Ion:	78	Resp:	107230
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.0
51	15.9	13.8	20.6





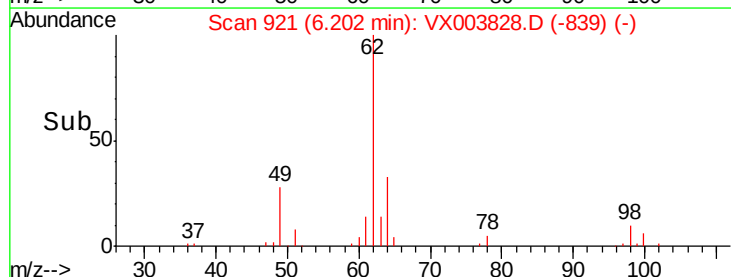
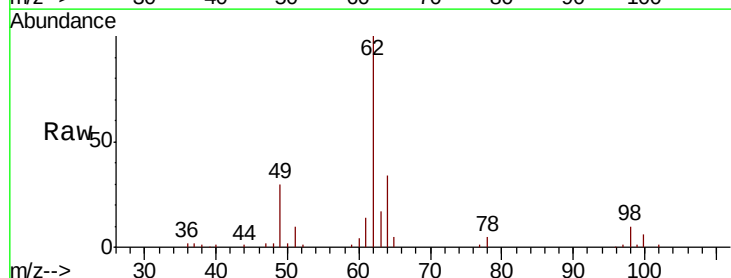
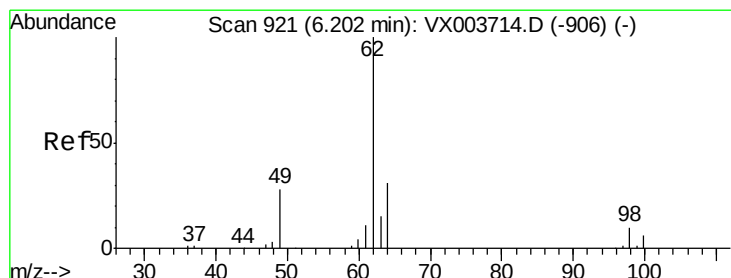
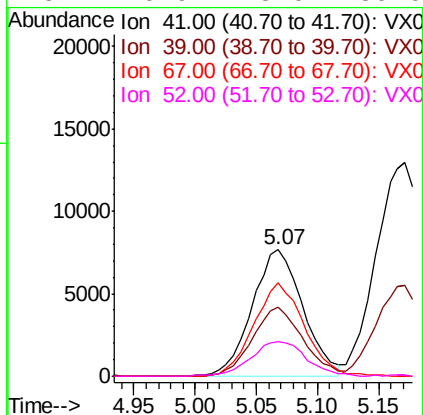
#35
Methacrylonitrile
Concen: 19.12 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tot Ion:	41	Resp:	22209
Ion Ratio	Lower	Upper	
41	100		
39	54.8	28.8	86.5
67	74.2	30.4	91.2
52	26.9	13.0	39.0

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

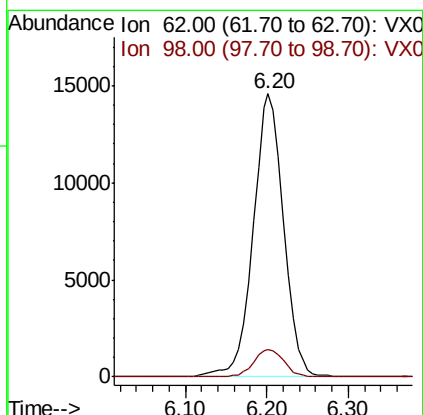
Manual Integrations
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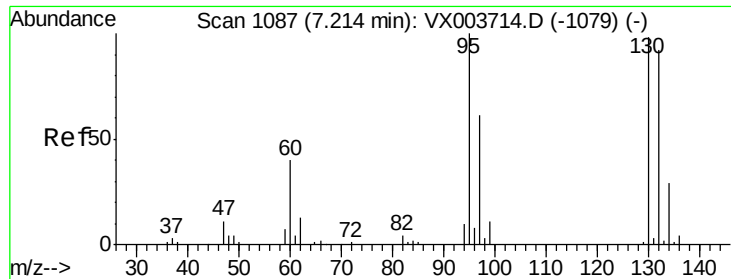
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#36
1,2-Dichloroethane
Concen: 19.60 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion:	62	Resp:	37888
Ion Ratio	Lower	Upper	
62	100		
98	9.7	6.5	9.7





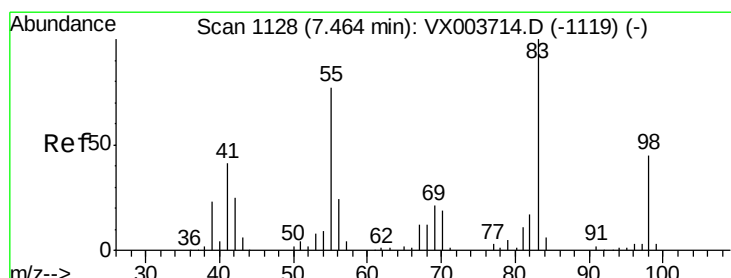
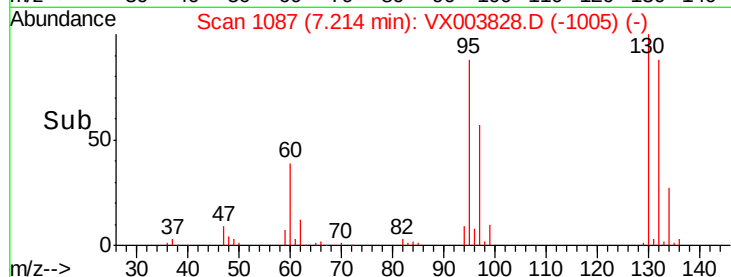
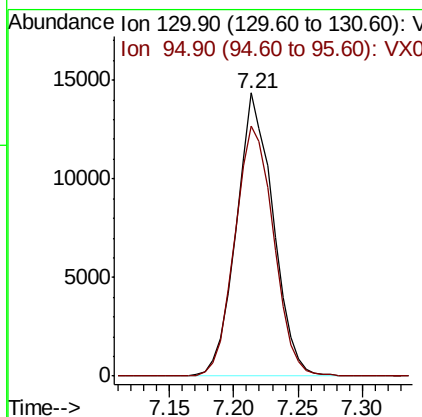
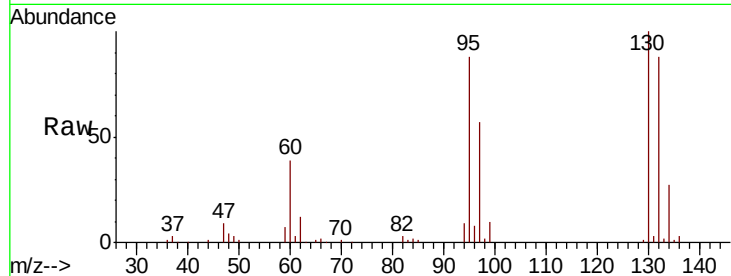
#37
 Trichloroethene
 Concen: 20.27 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

Tot Ion:130 Resp: 28411
 Ion Ratio Lower Upper
 130 100
 95 88.2 81.5 122.3

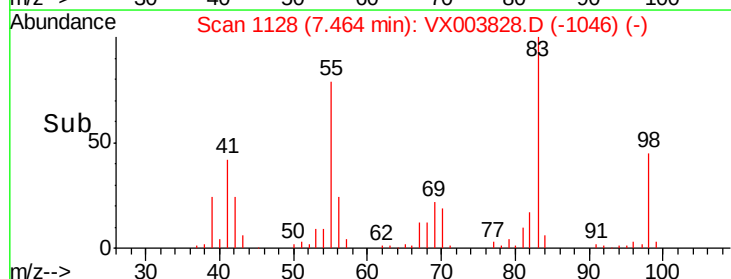
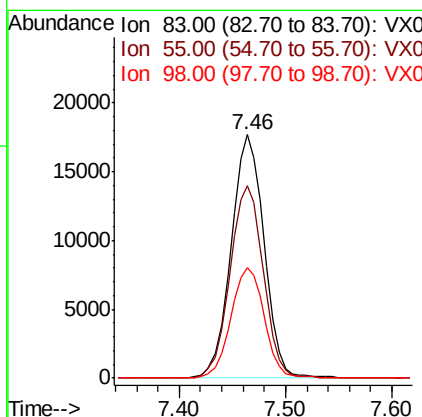
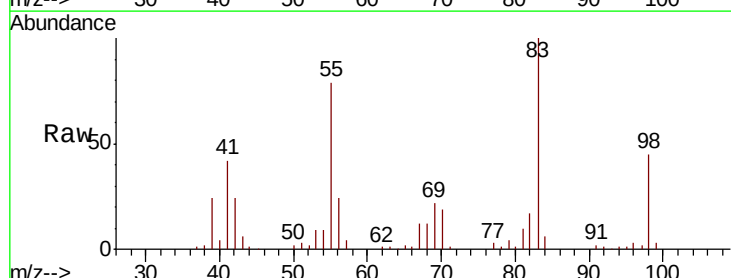
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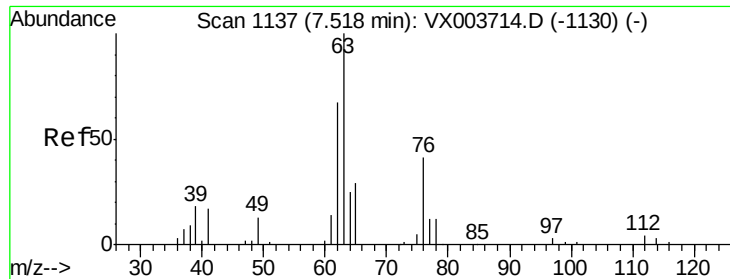
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#38
 Methylcyclohexane
 Concen: 19.31 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion: 83 Resp: 38405
 Ion Ratio Lower Upper
 83 100
 55 80.0 40.6 121.8
 98 46.0 23.5 70.5





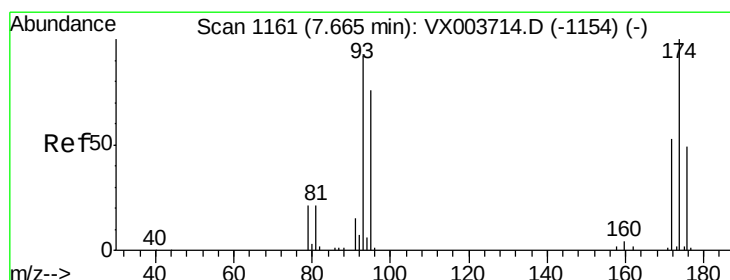
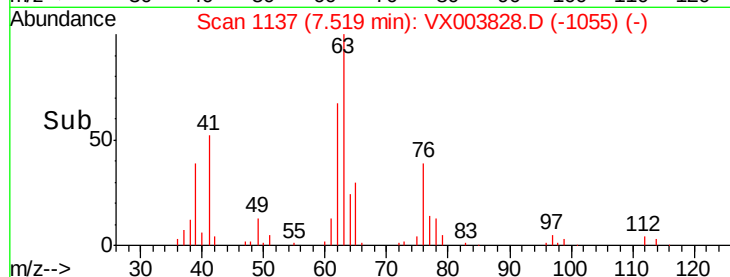
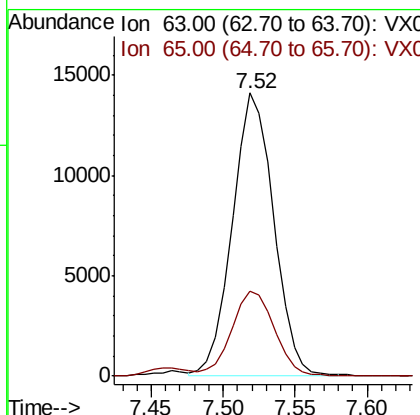
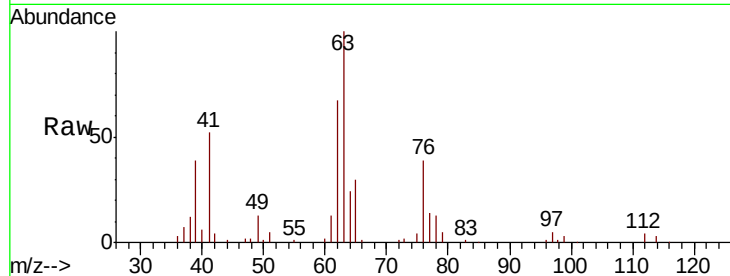
#39
 1,2-Dichloropropane
 Concen: 19.87 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	23.3	34.9

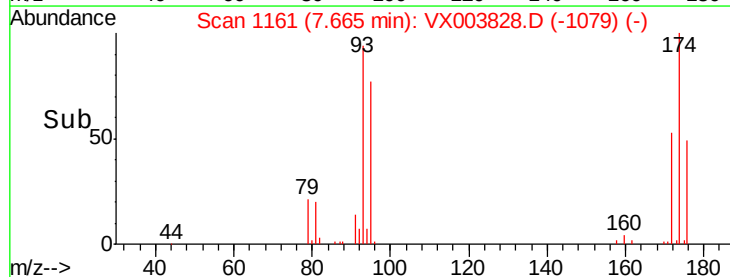
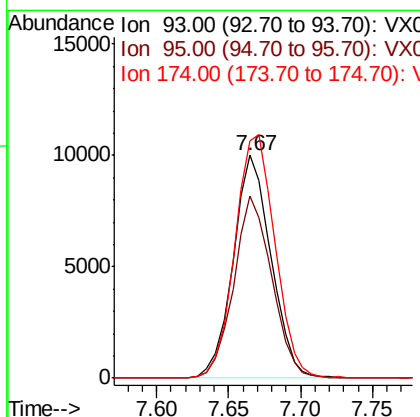
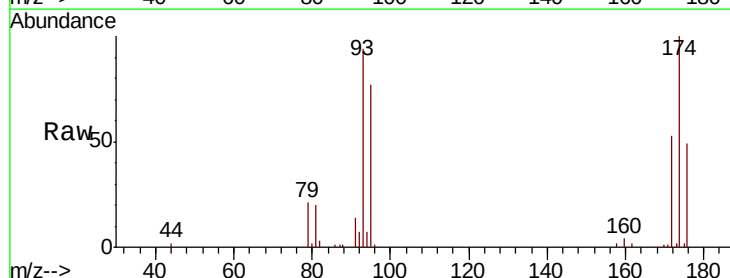
Manual Integrations
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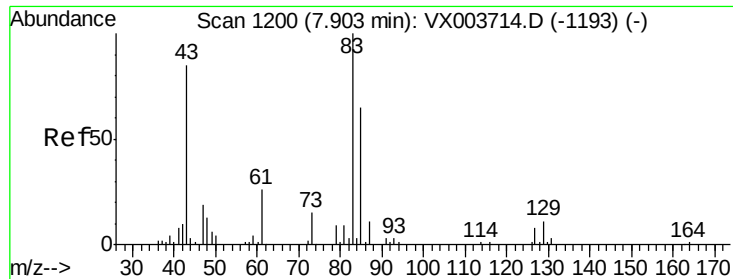
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#40
 Dibromomethane
 Concen: 19.88 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.9	0.0	162.6
174	115.2	0.0	229.4





#41

Bromodichloromethane

Concen: 19.31 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

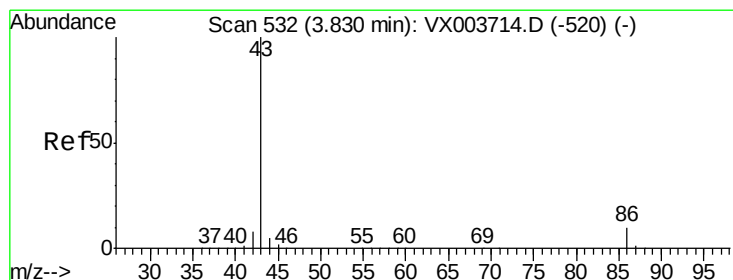
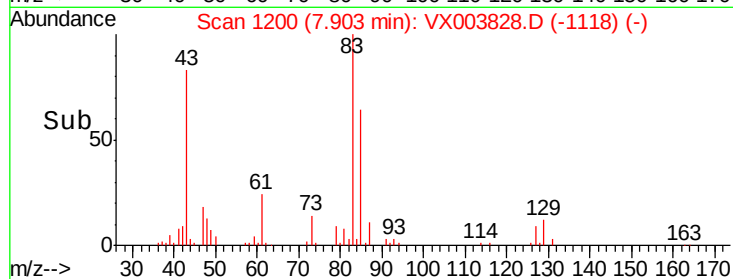
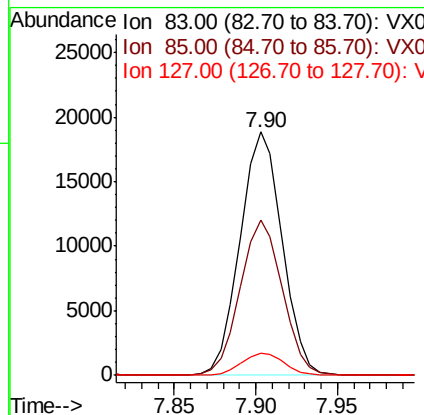
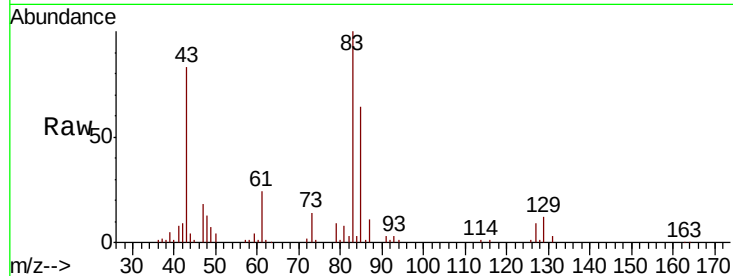
ClientSampleId :

VX0802WBSD01

Tot Ion:	83	Resp:	33940
Ion	Ratio	Lower	Upper
83	100		
85	64.0	49.8	74.8
127	9.3	7.3	10.9

Manual Integrations
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8/3/2018 9:48:28 AM



#42

Vinyl Acetate

Concen: 81.75 ug/l

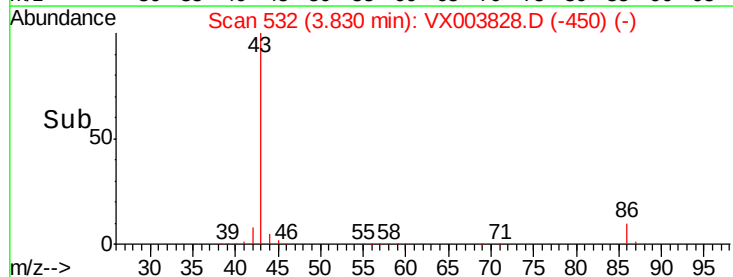
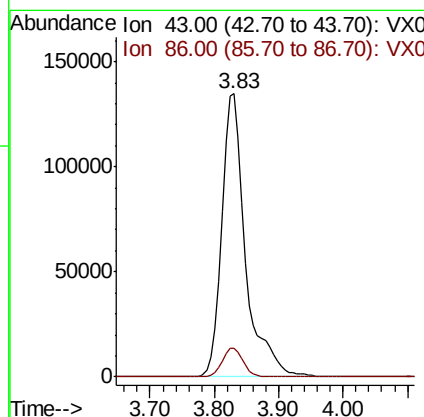
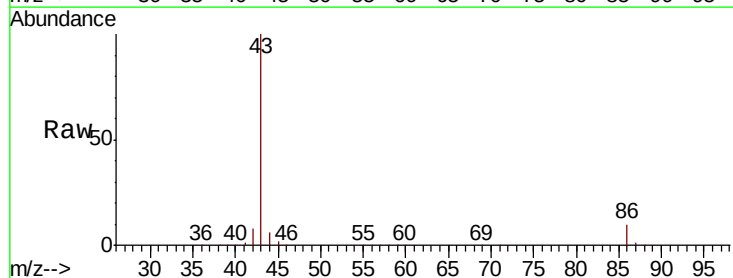
RT: 3.83 min Scan# 532

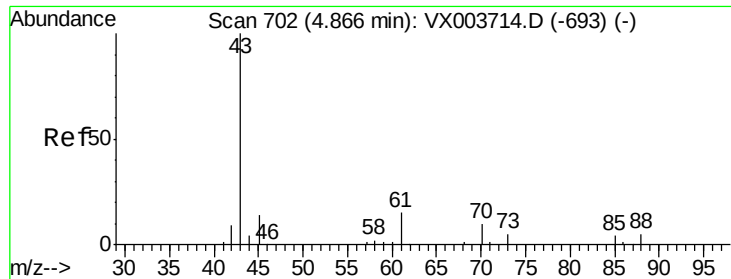
Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Tgt Ion:	43	Resp:	351155
Ion	Ratio	Lower	Upper
43	100		
86	8.8	6.7	10.1





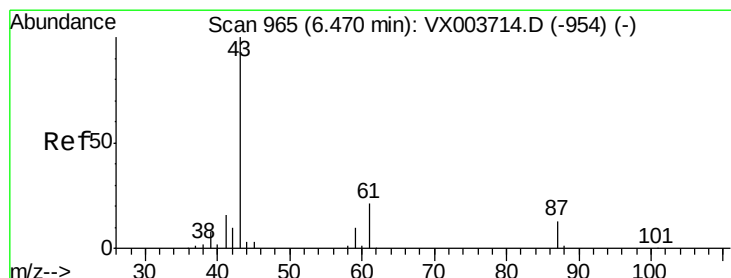
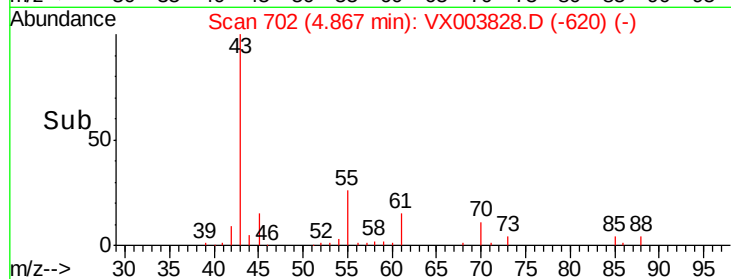
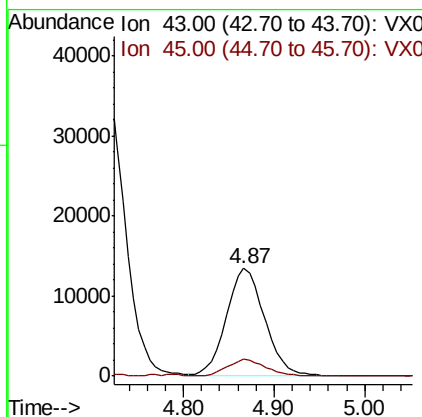
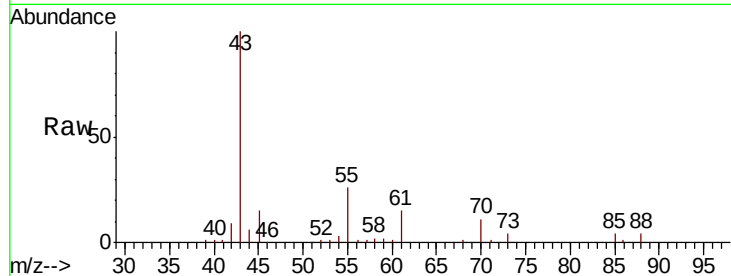
#43
Ethyl Acetate
Concen: 19.09 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

Tot Ion: 43 Resp: 39869
Ion Ratio Lower Upper
43 100
45 15.5 11.0 16.4

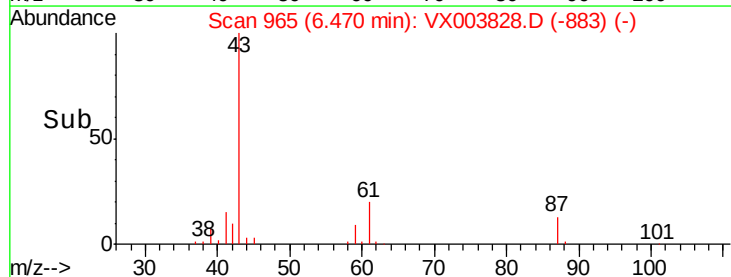
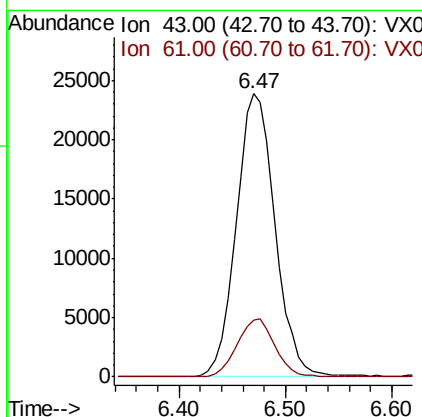
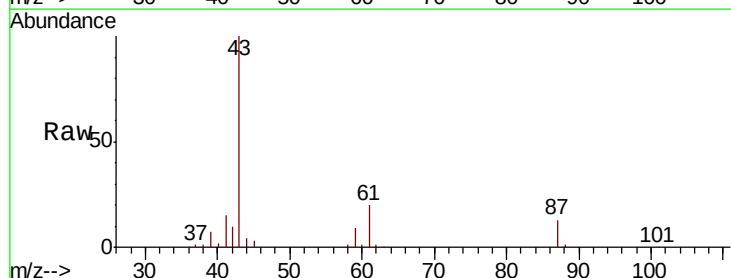
Manual Integrations
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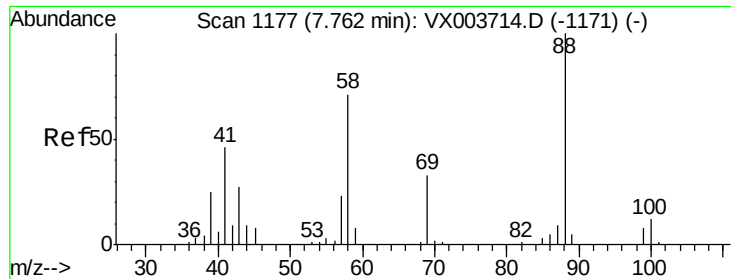
MMDadoda
8/3/2018 9:48:28 AM



#44
Isopropyl Acetate
Concen: 18.99 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion: 43 Resp: 60831
Ion Ratio Lower Upper
43 100
61 20.1 14.5 21.7





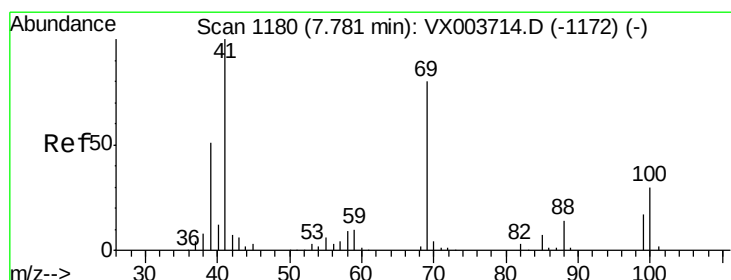
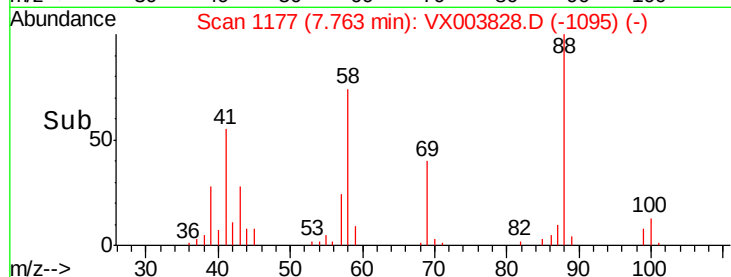
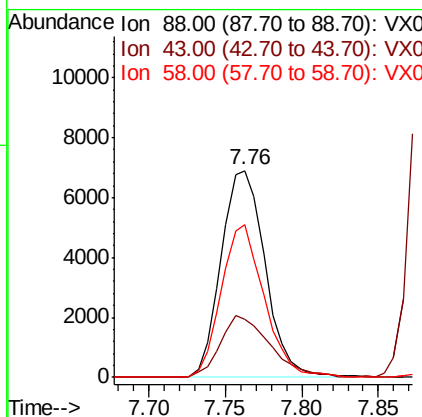
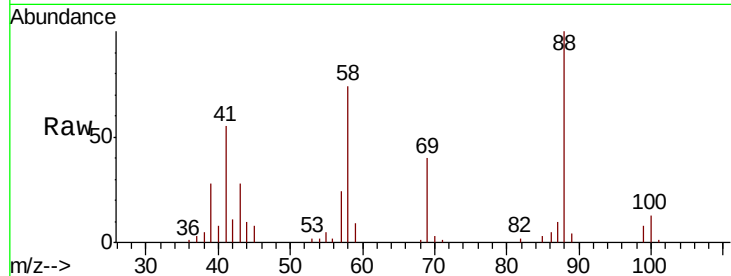
#45
1,4-Dioxane
Concen: 388.04 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	43.2	64.8#
58	71.7	60.2	90.2

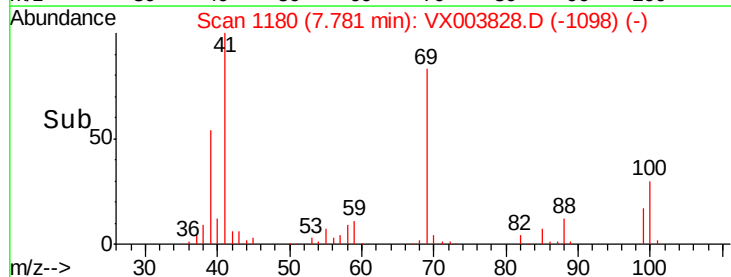
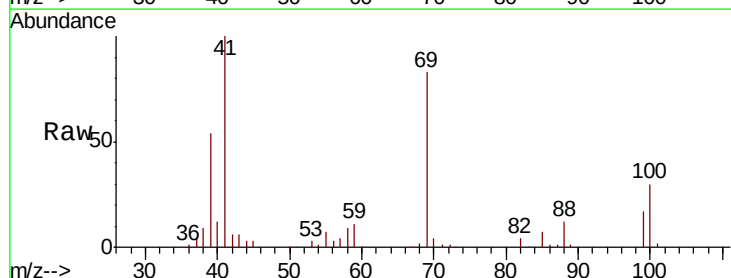
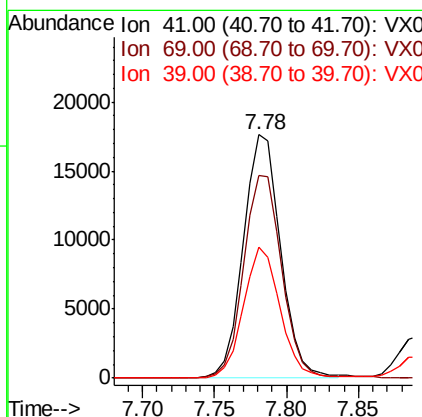
Manual Integrations
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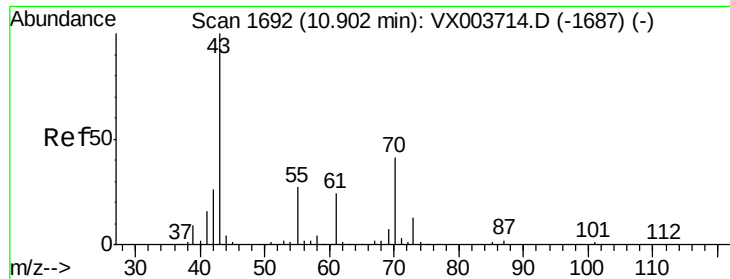
MMDadoda
8/3/2018 9:48:28 AM



#46
Methyl methacrylate
Concen: 19.15 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.3	37.0	110.9
39	53.7	29.6	88.9





#47

n-amvl Acetate

Concen: 17.47 ug/l

RT: 10.97 min Scan# 1703

Delta R.T. 0.07 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0802WBSD01

Tot Ion: 43 Resp: 52813

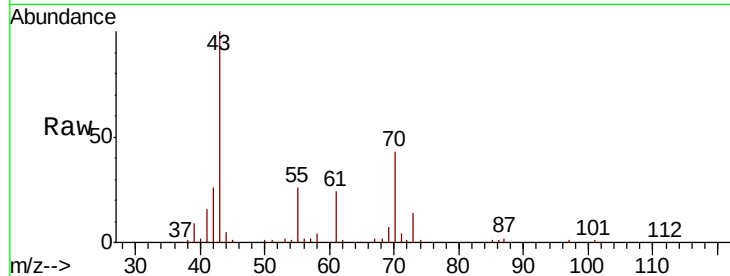
Ion Ratio Lower Upper

43 100

55 26.5 0.1 0.1#

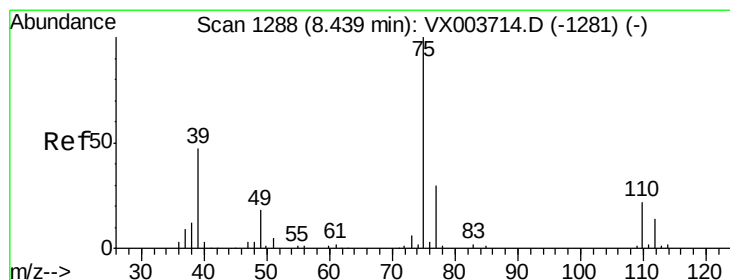
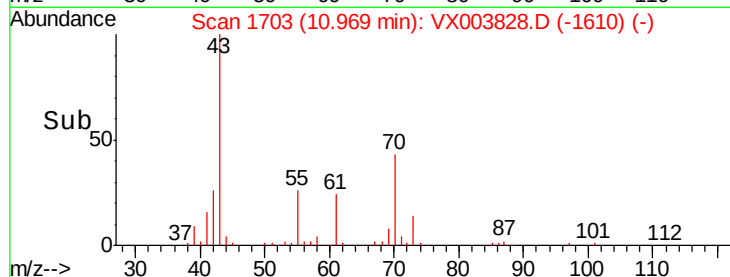
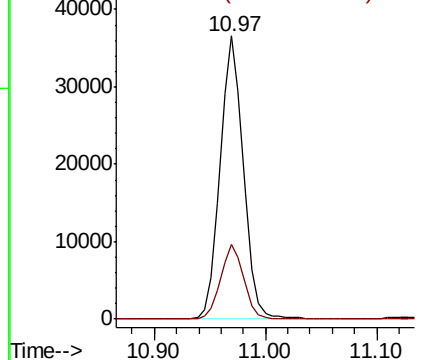
Manual Integrations
APPROVED

MMDadoda
8/3/2018 9:48:28 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 19.08 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003828.D

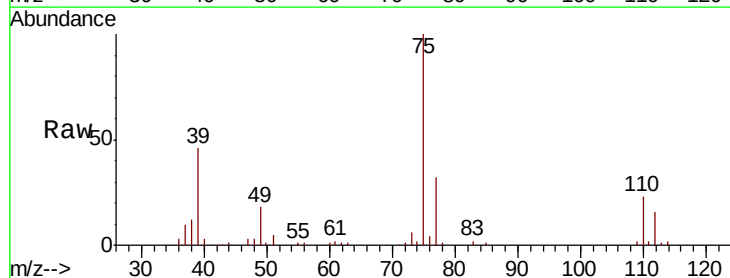
Acq: 02 Aug 2018 16:31

Tgt Ion: 75 Resp: 40691

Ion Ratio Lower Upper

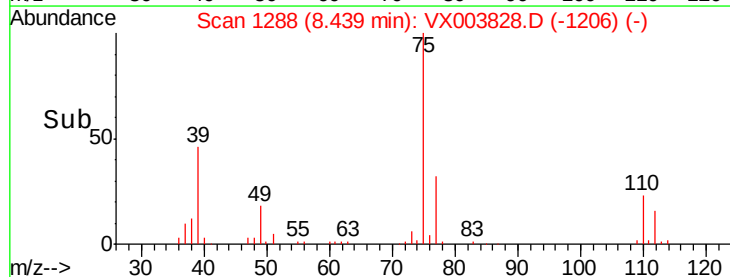
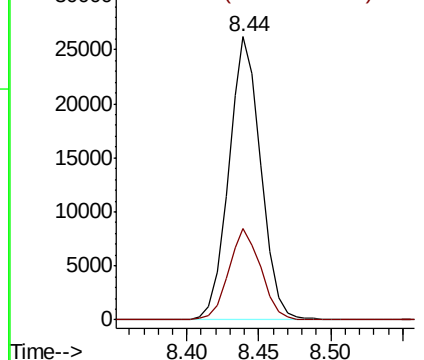
75 100

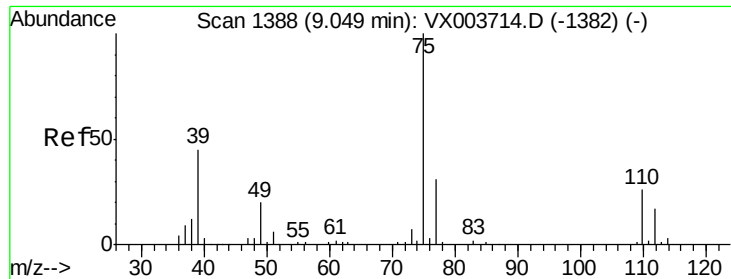
77 32.4 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





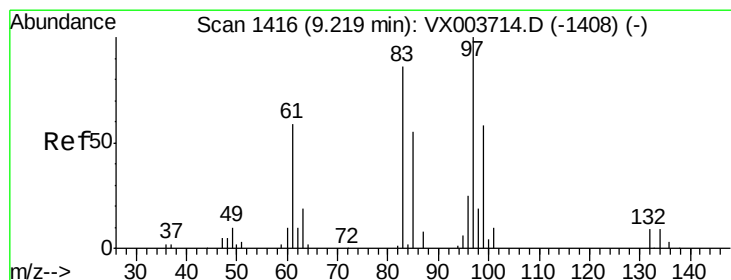
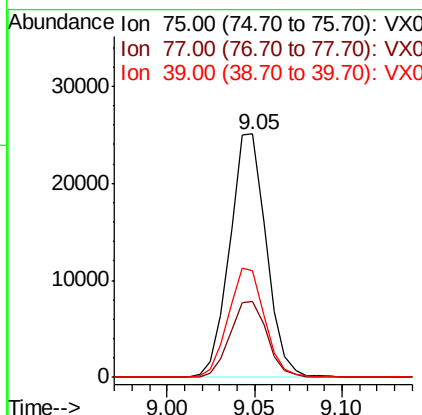
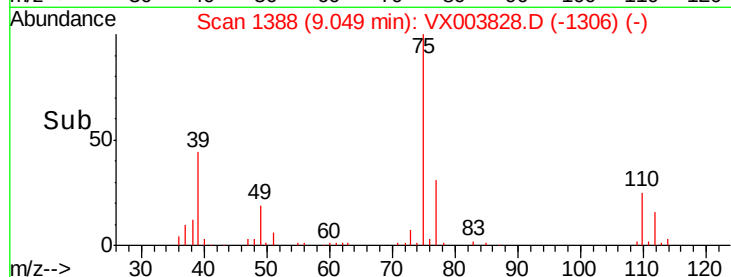
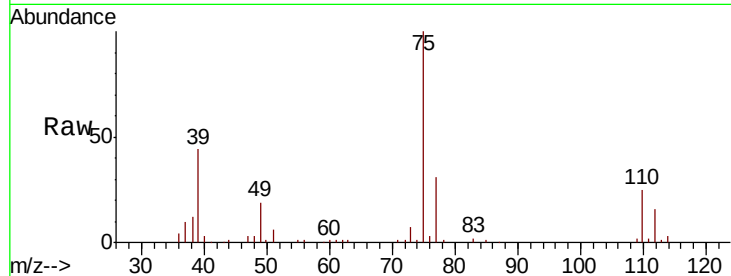
#49
 cis-1,3-Dichloropropene
 Concen: 18.21 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.4	38.2
39	43.5	42.3	63.5

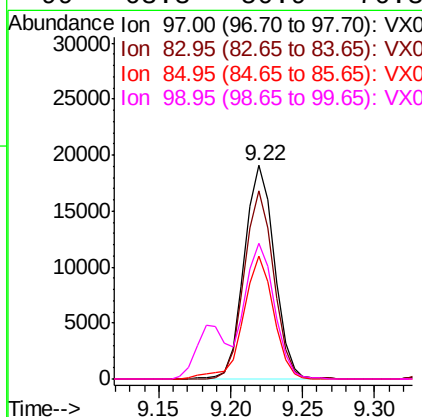
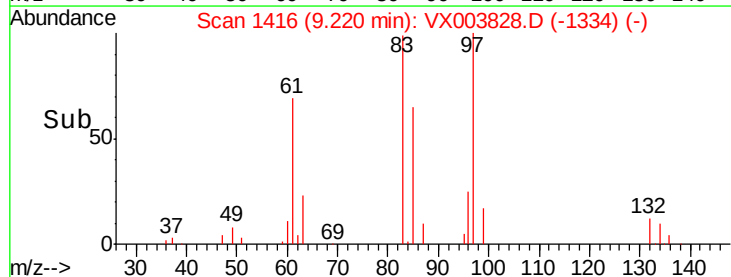
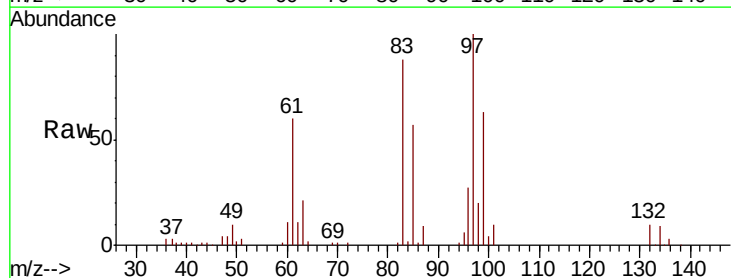
Manual Integrations
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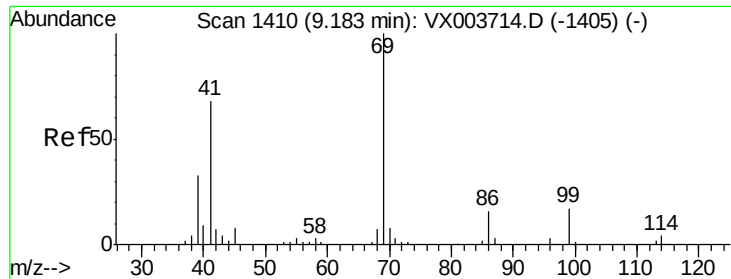
MMDadoda
 8/3/2018 9:48:28 AM



#50
 1,1,2-Trichloroethane
 Concen: 18.99 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.8	106.2
85	57.3	43.5	65.3
99	63.3	50.9	76.3





#51

Ethyl methacrylate

Concen: 17.60 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

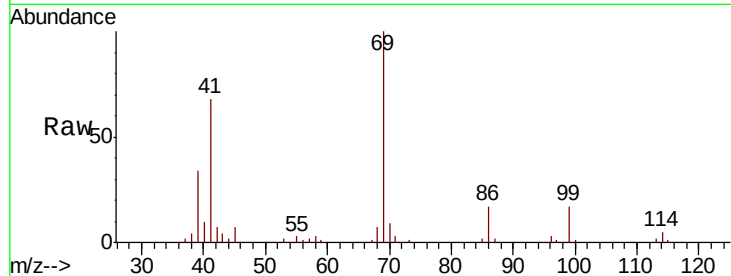
ClientSampled :

VX0802WBSD01

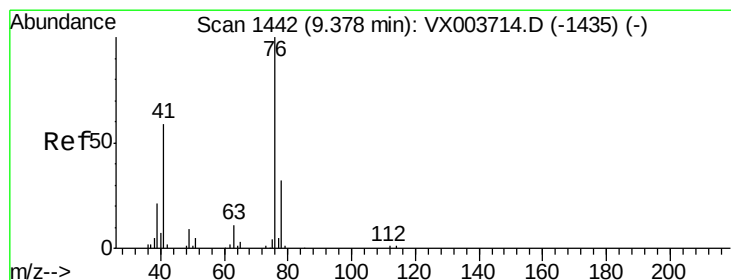
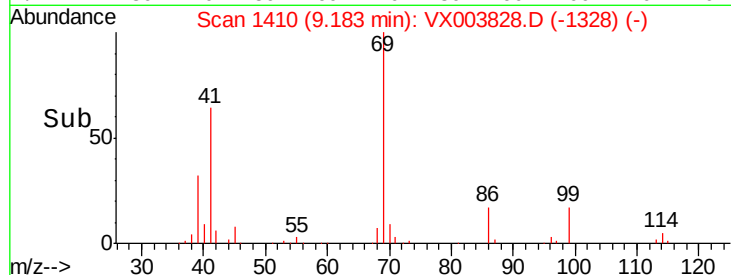
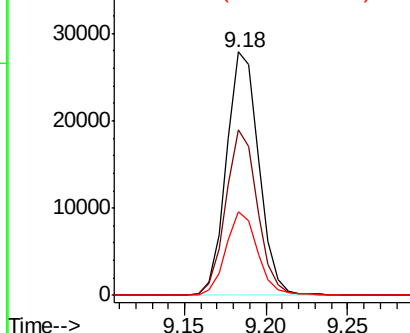
Tot Ion:	69	Resp:	38699
Ion	Ratio	Lower	Upper
69	100		
41	67.5	39.1	117.3
39	33.9	21.7	65.1

Manual Integrations
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MMDadoda
8/3/2018 9:48:28 AM



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



#52

1,3-Dichloropropane

Concen: 18.95 ug/l

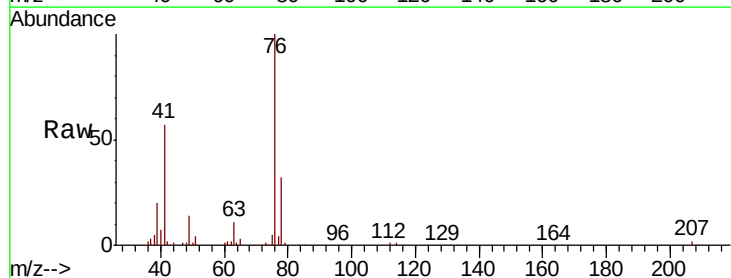
RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

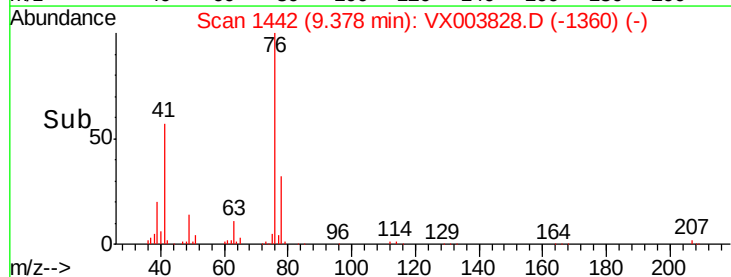
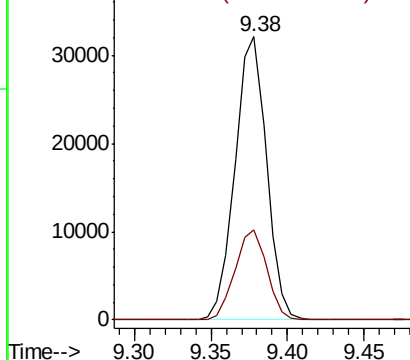
Lab File: VX003828.D

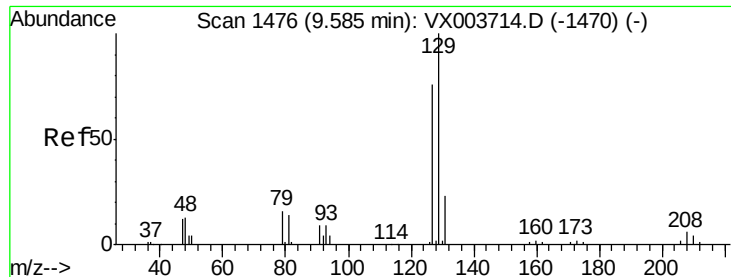
Acq: 02 Aug 2018 16:31

Tgt Ion:	76	Resp:	46036
Ion	Ratio	Lower	Upper
76	100		
78	32.1	0.0	63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





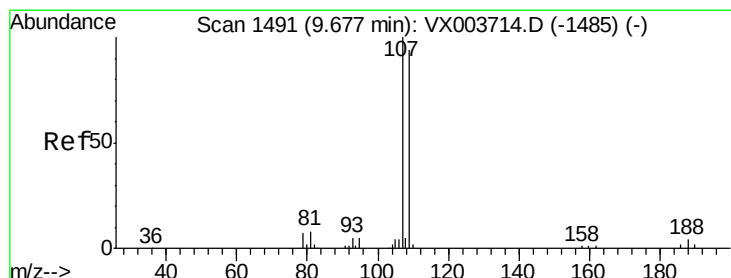
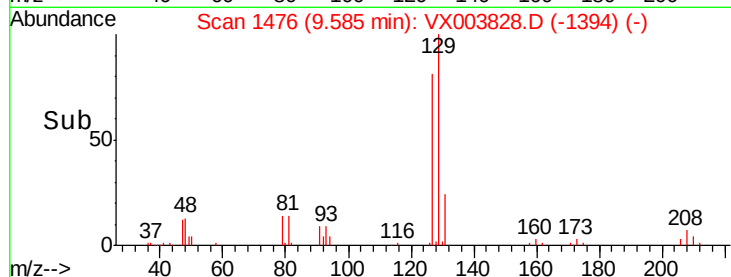
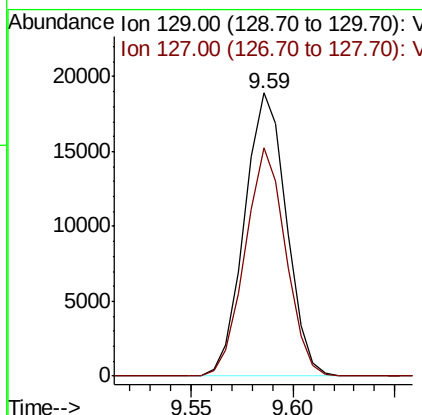
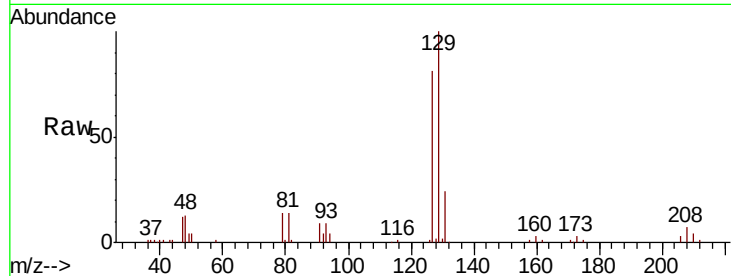
#53
 Dibromochloromethane
 Concen: 18.85 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		27040		
127	78.3	38.5	115.3		

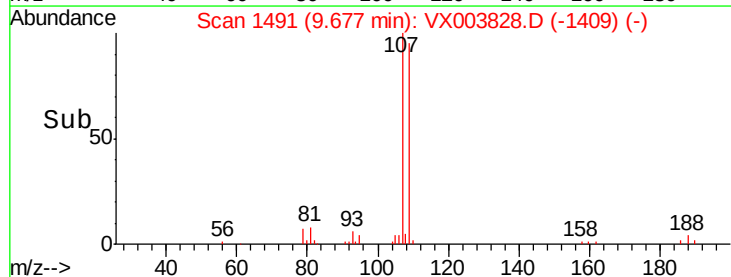
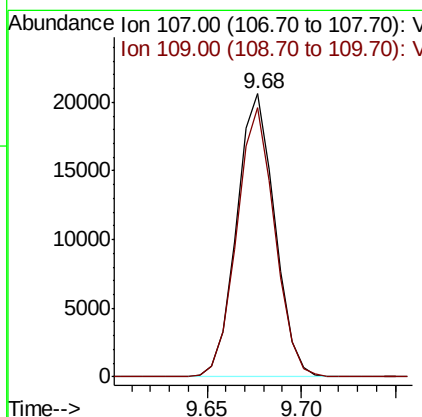
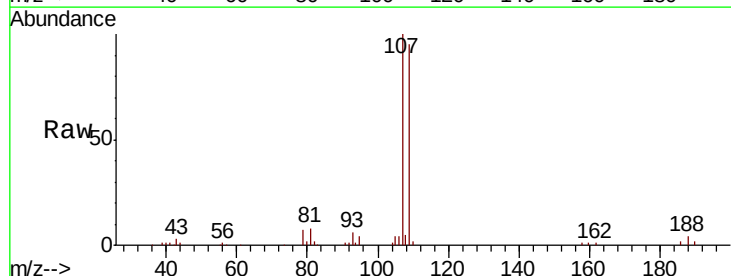
Manual Integrations
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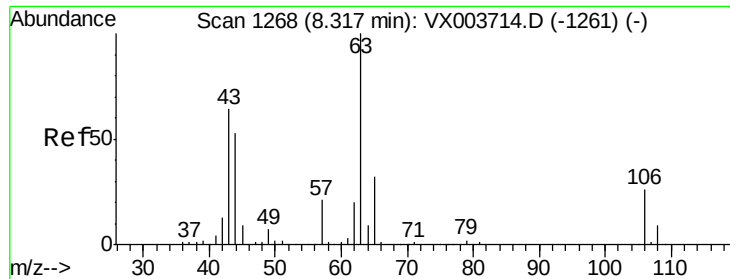
MMDadoda
 8/3/2018 9:48:28 AM



#54
 1,2-Dibromoethane
 Concen: 18.93 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		28898		
109	94.8	75.5	113.3		





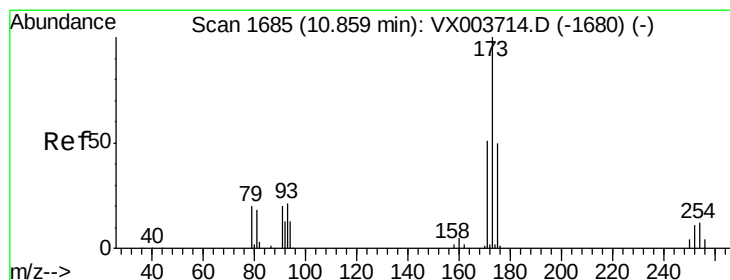
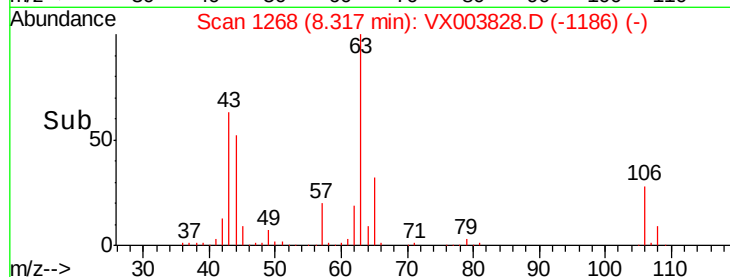
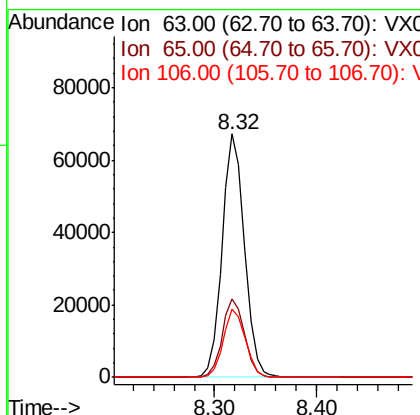
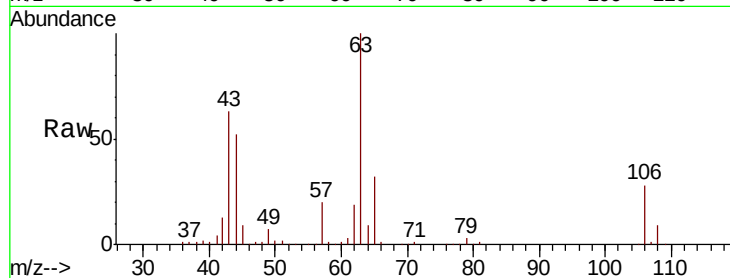
#55
2-Chloroethyl vinyl ether
Concen: 90.29 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

Tot Ion:	63	Resp:	102383
Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.6	38.4
106	27.6	21.6	32.4

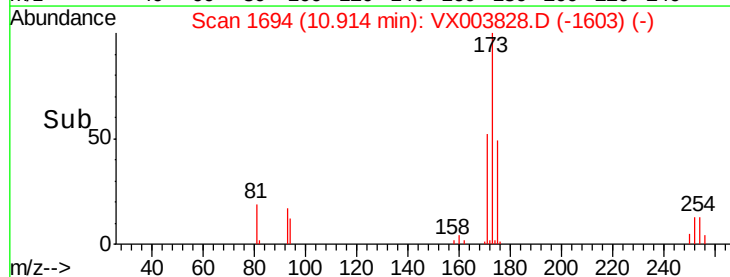
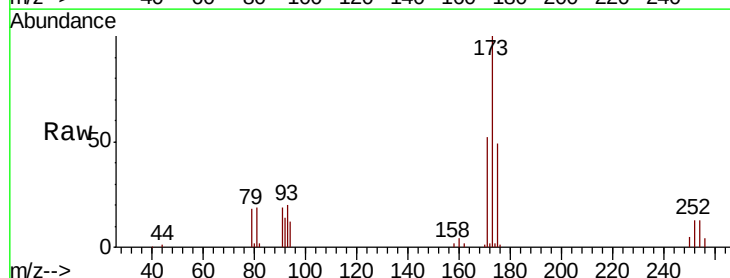
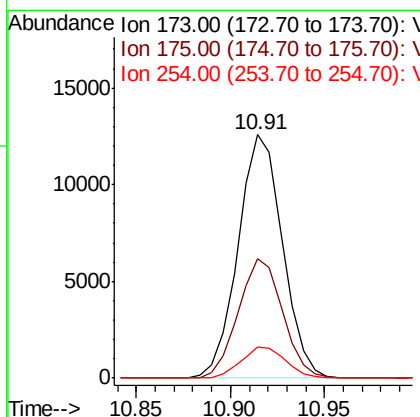
Manual Integrations
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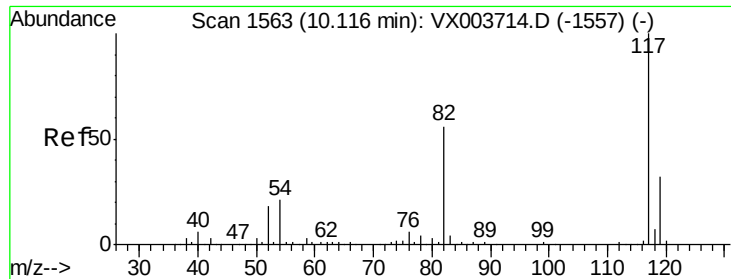
MMDadoda
8/3/2018 9:48:28 AM



#56
Bromoform
Concen: 18.45 ug/l
RT: 10.91 min Scan# 1694
Delta R.T. 0.06 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion:	173	Resp:	20530
Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.0	58.4
254	12.6	9.6	14.4





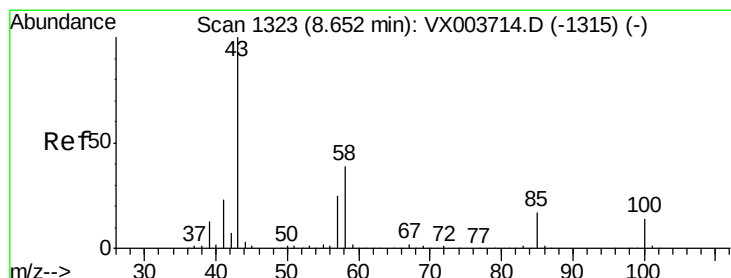
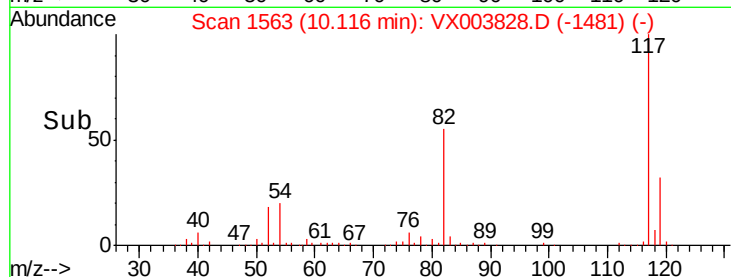
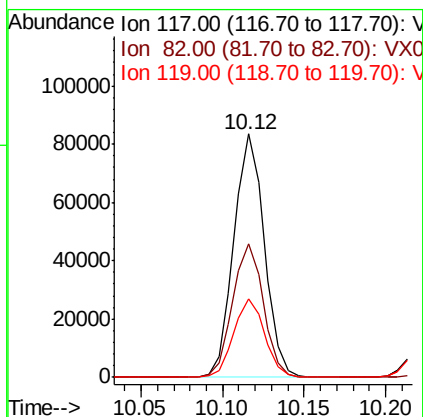
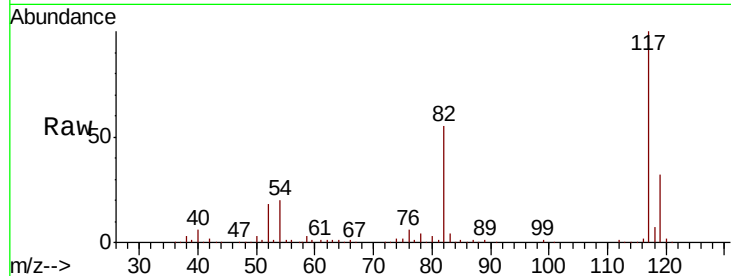
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	109232		
82	55.1	44.3	66.5	
119	32.6	25.7	38.5	

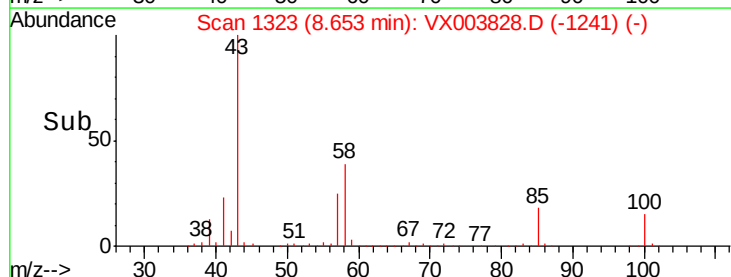
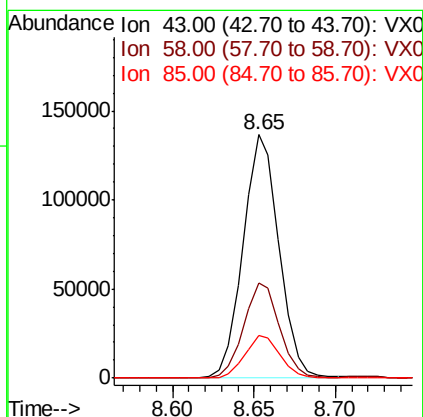
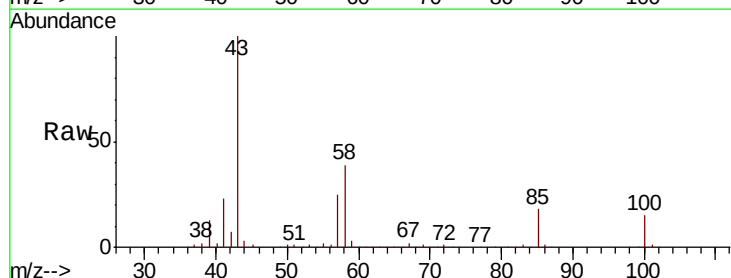
Manual Integrations
APPROVED

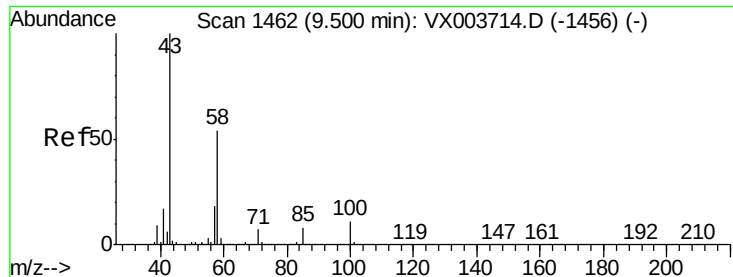
MMDadoda
8/3/2018 9:48:28 AM



#58
4-Methyl-2-Pentanone
Concen: 101.33 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	208988		
58	39.1	28.2	42.4	
85	17.4	12.4	18.6	





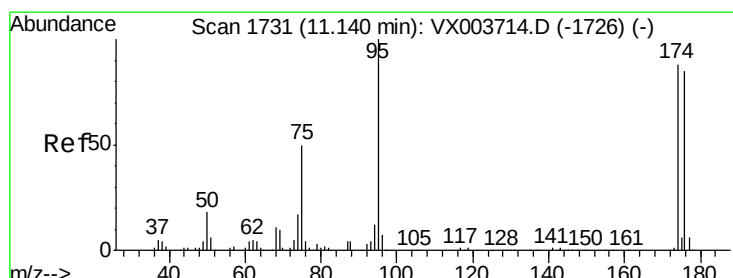
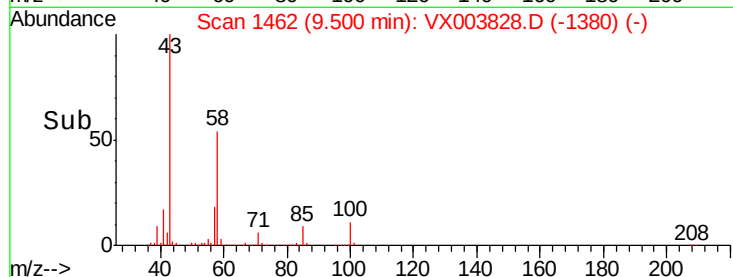
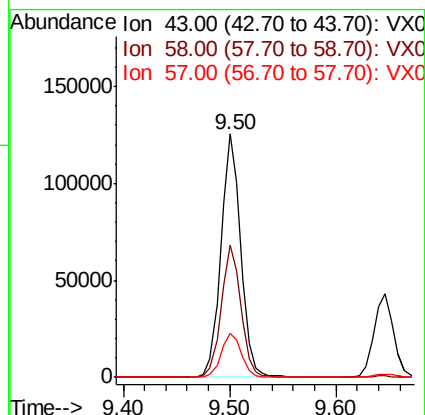
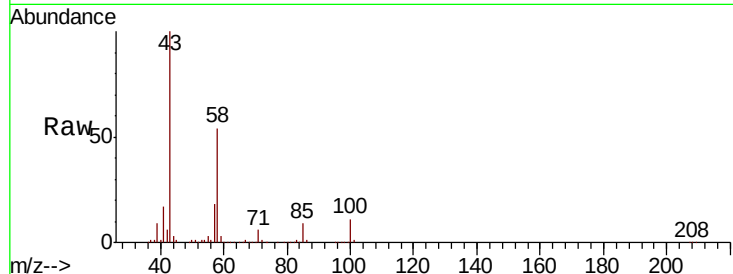
#59
2-Hexanone
Concen: 98.92 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.1	39.6	59.4
57	18.6	14.1	21.1

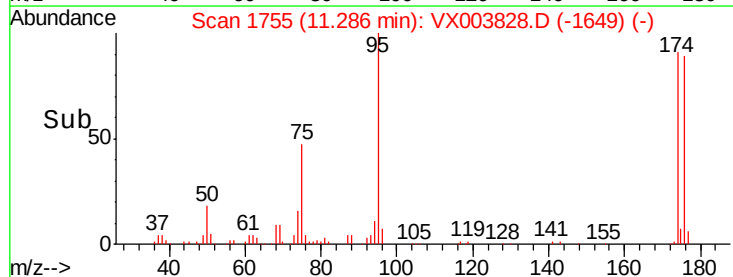
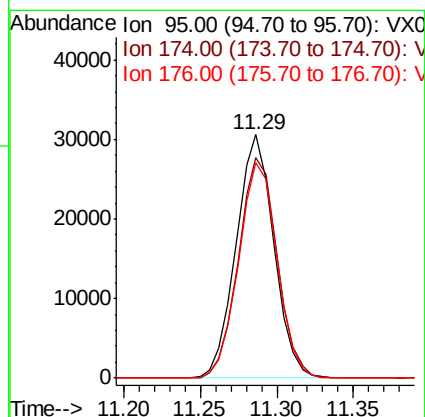
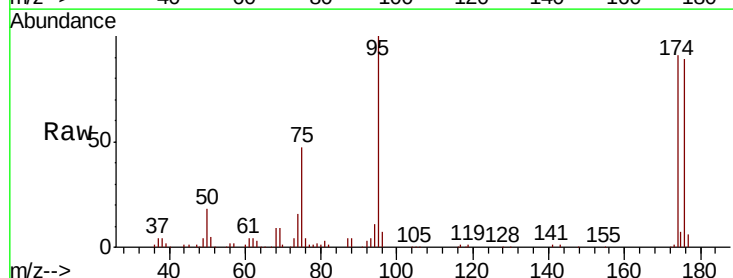
Manual Integrations
APPROVED

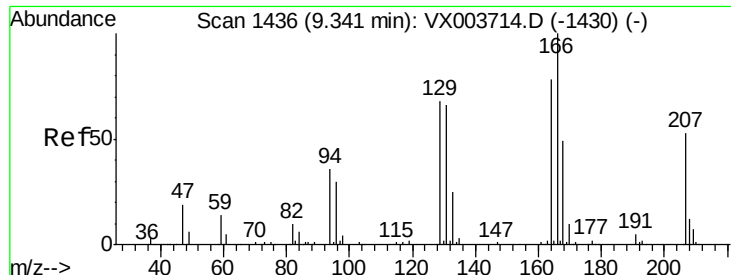
MMDadoda
8/3/2018 9:48:28 AM



#60
4-Bromofluorobenzene
Concen: 29.83 ug/l
RT: 11.29 min Scan# 1755
Delta R.T. 0.15 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.0	71.8	107.6
176	90.2	70.1	105.1





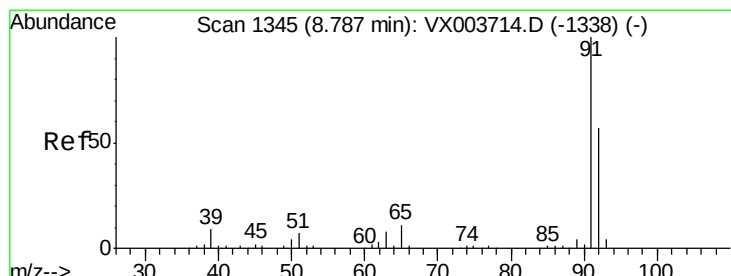
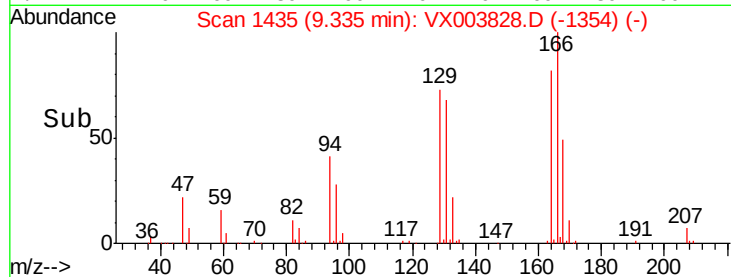
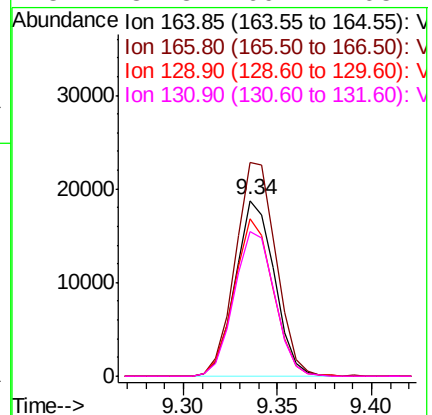
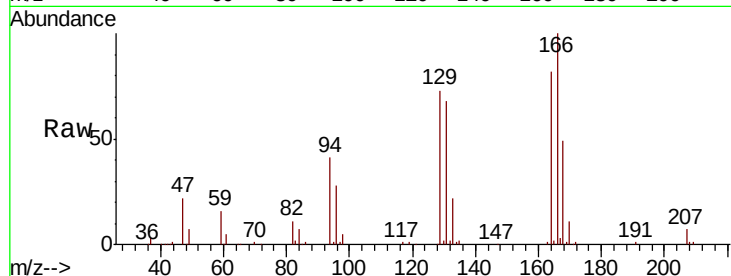
#61
 Tetrachloroethene
 Concen: 21.21 ug/l
 RT: 9.34 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX0802WBSD01

Tot Ion:	164	Resp:	26957
Ion	Ratio	Lower	Upper
164	100		
166	121.8	102.4	153.6
129	89.5	70.1	105.1
131	82.3	69.1	103.7

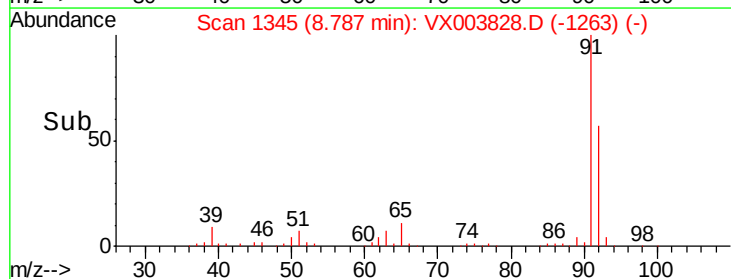
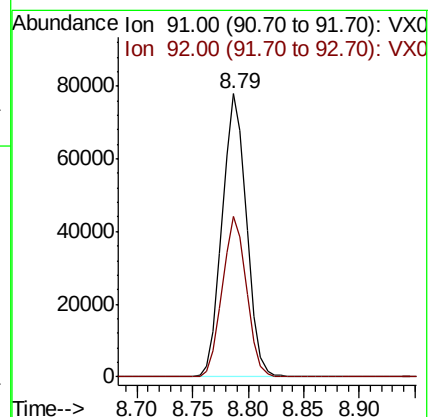
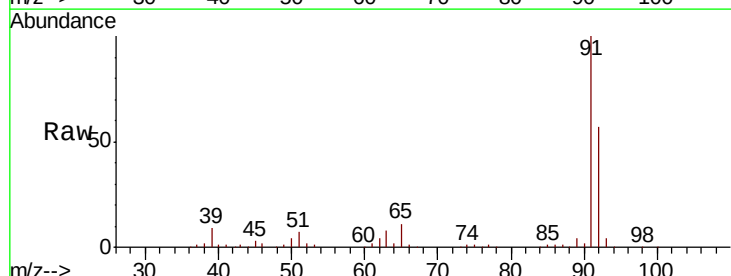
Manual Integrations
 APPROVED

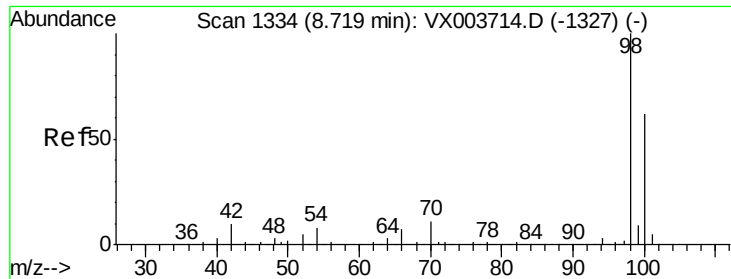
MMDadoda
 8/3/2018 9:48:28 AM



#62
 Toluene
 Concen: 20.80 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion:	91	Resp:	117931
Ion	Ratio	Lower	Upper
91	100		
92	56.4	46.5	69.7





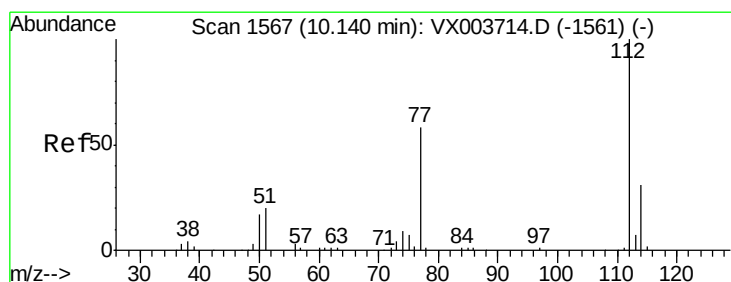
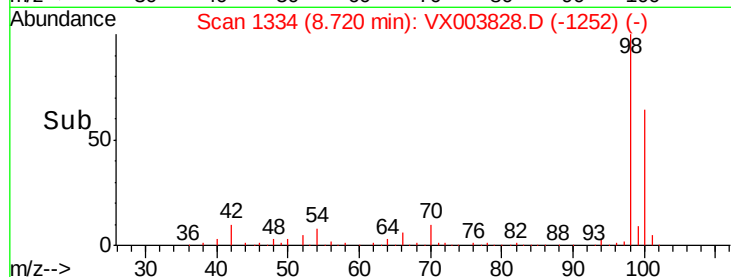
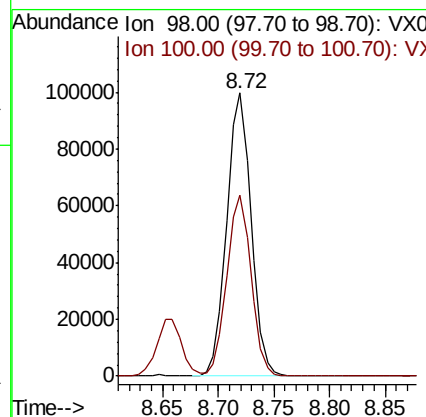
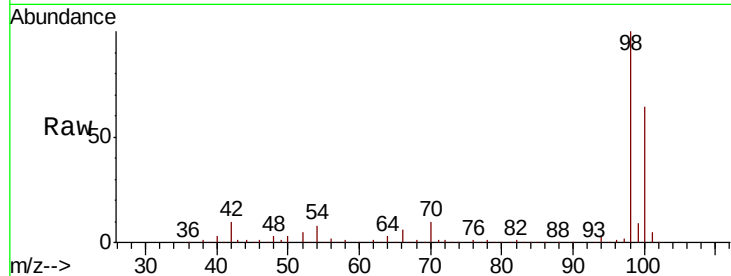
#63
Toluene-d8
Concen: 30.85 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

Tot Ion: 98 Resp: 151830
Ion Ratio Lower Upper
98 100
100 63.5 50.8 76.2

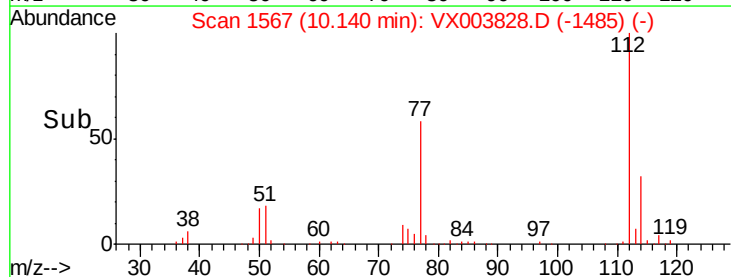
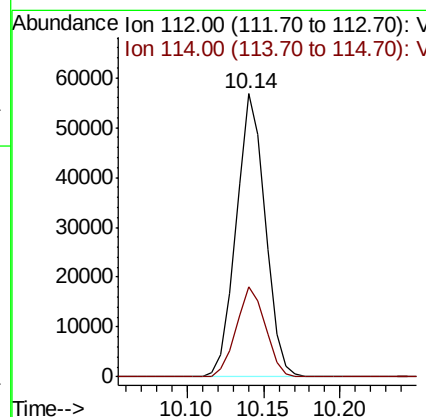
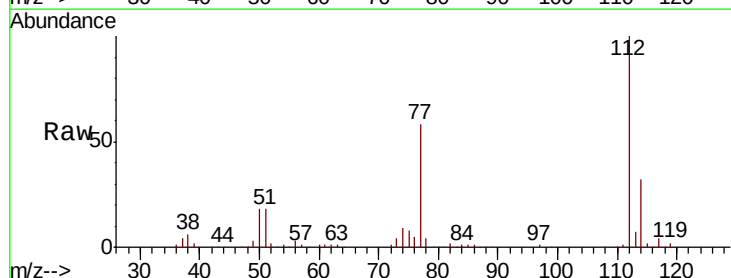
Manual Integrations
APPROVED

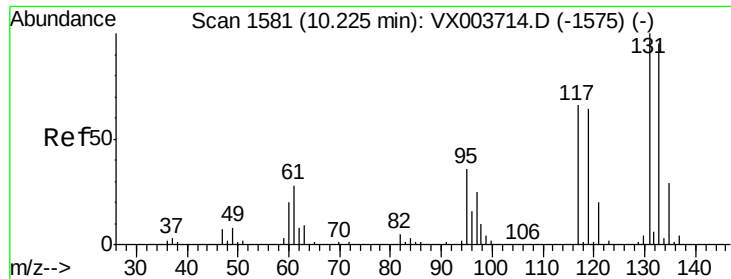
MMDadoda
8/3/2018 9:48:28 AM



#64
Chlorobenzene
Concen: 20.35 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion: 112 Resp: 74571
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 20.51 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

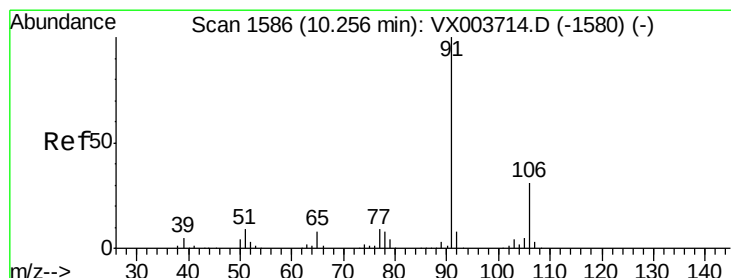
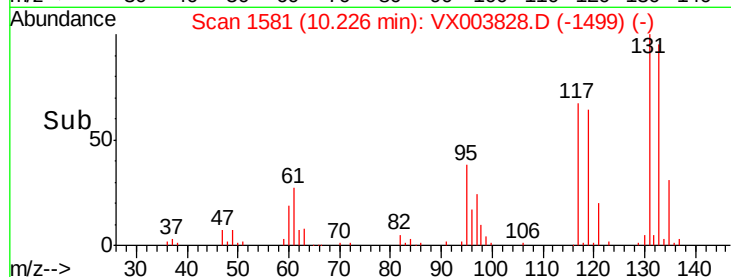
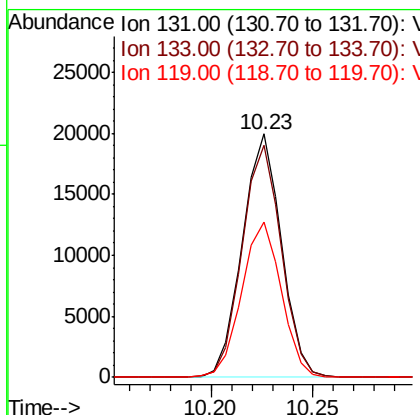
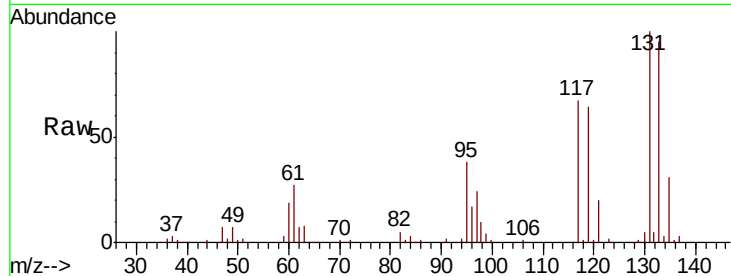
ClientSampled :

VX0802WBSD01

Tot Ion:	131	Resp:	26586
Ion Ratio	Lower	Upper	
131	100		
133	95.9	0.0	191.2
119	64.9	0.0	125.4

Manual Integrations
APPROVED

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8/3/2018 9:48:28 AM



#66

Ethyl Benzene

Concen: 19.92 ug/l

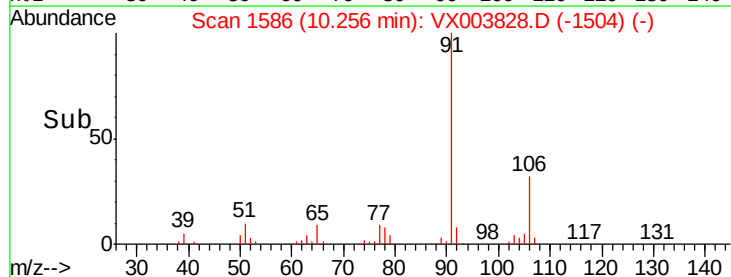
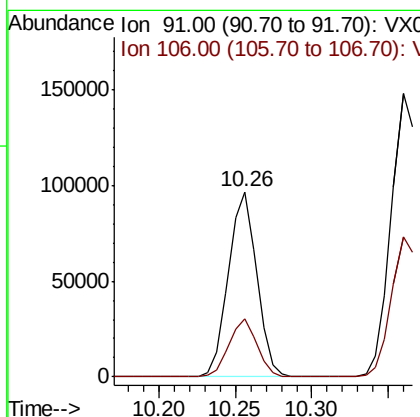
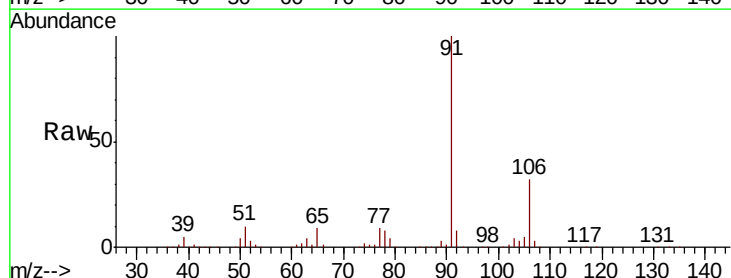
RT: 10.26 min Scan# 1586

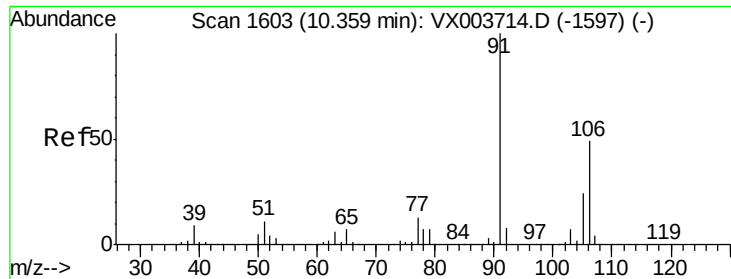
Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Tgt Ion:	91	Resp:	124284
Ion Ratio	Lower	Upper	
91	100		
106	31.7	25.2	37.8





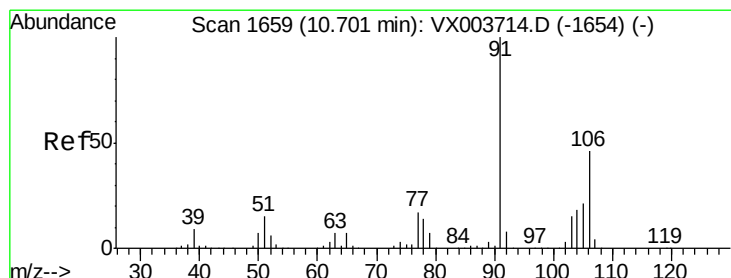
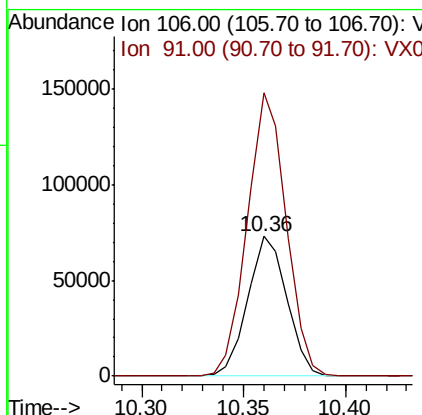
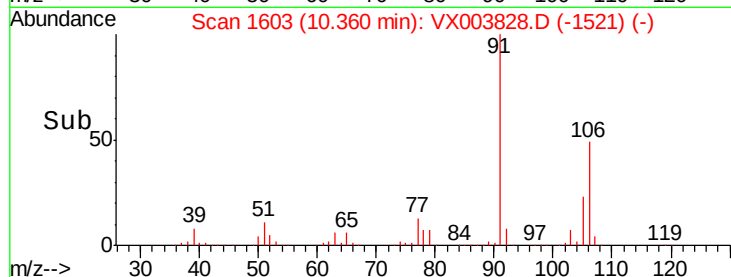
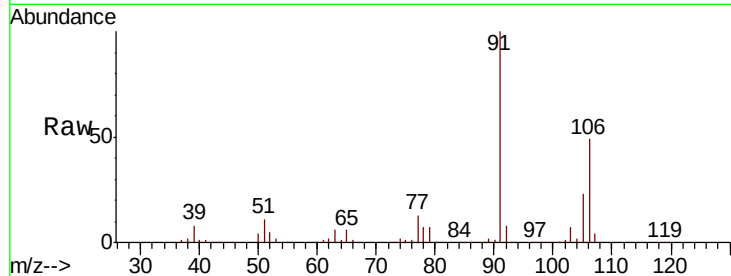
#67
m/p-Xylenes
Concen: 40.67 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Instrument :
MSVOA_X
ClientSampled :
VX0802WBSD01

Tot Ion:106 Resp: 97721
Ion Ratio Lower Upper
106 100
91 201.5 164.1 246.1

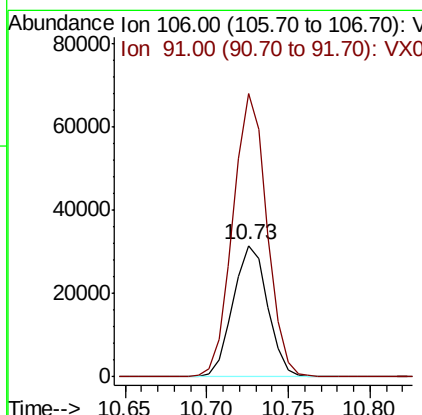
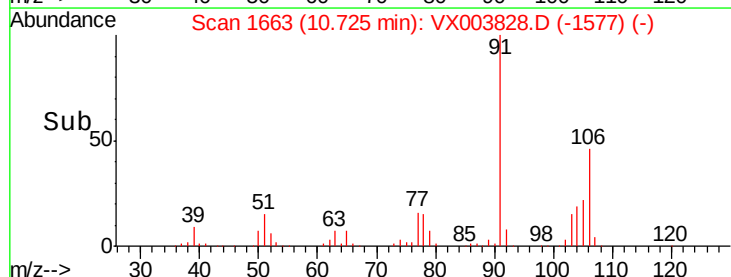
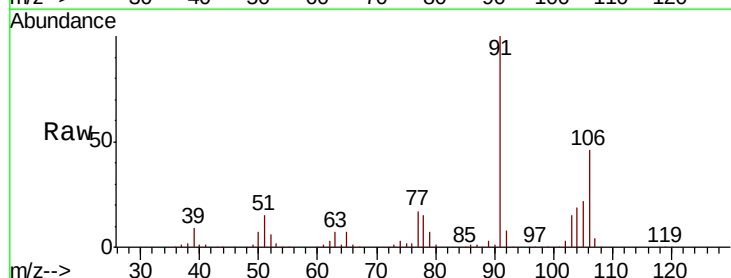
Manual Integrations
APPROVED

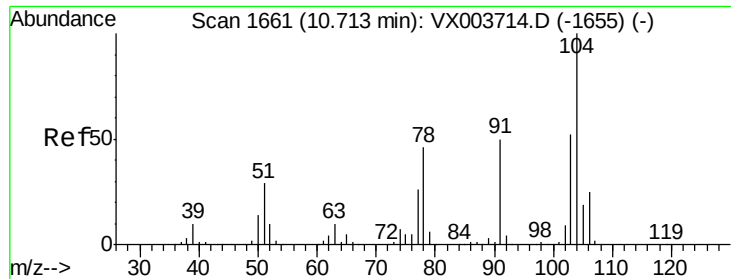
MMDadoda
8/3/2018 9:48:28 AM



#68
o-Xylene
Concen: 20.34 ug/l
RT: 10.73 min Scan# 1663
Delta R.T. 0.02 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion:106 Resp: 46763
Ion Ratio Lower Upper
106 100
91 211.5 109.1 327.3





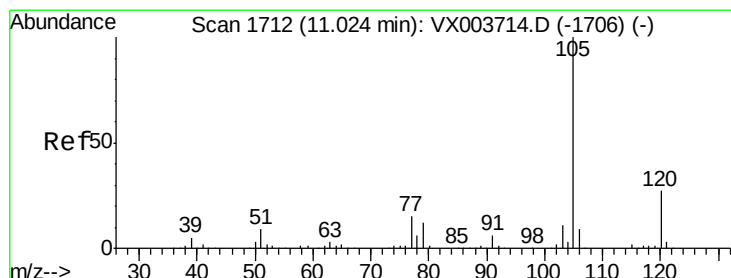
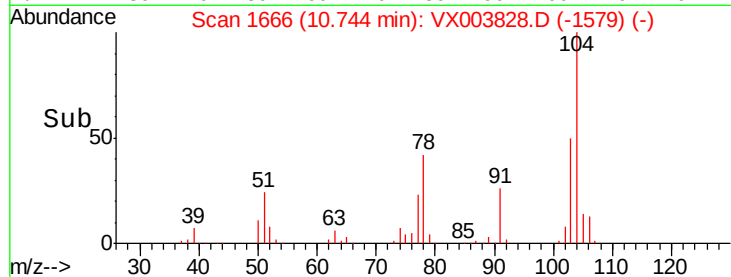
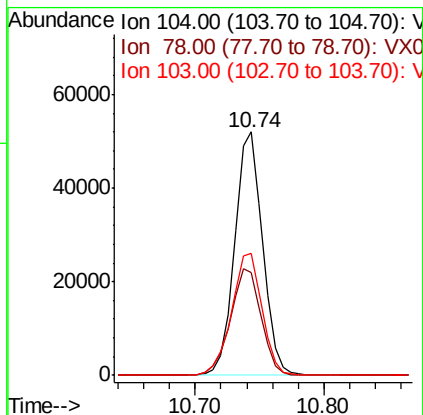
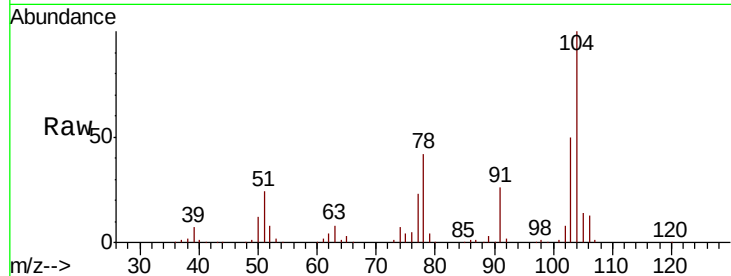
#69
Stvrene
Concen: 20.04 ug/l
RT: 10.74 min Scan# 1666
Delta R.T. 0.03 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.5	41.8	62.8
103	55.1	44.9	67.3

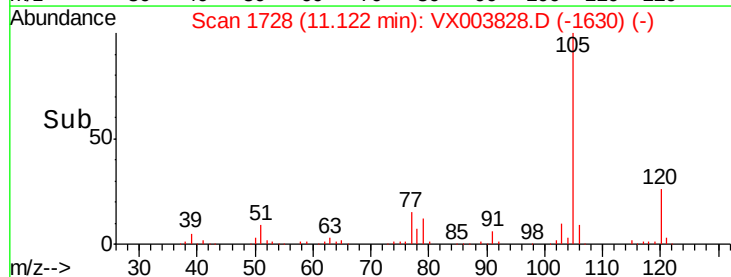
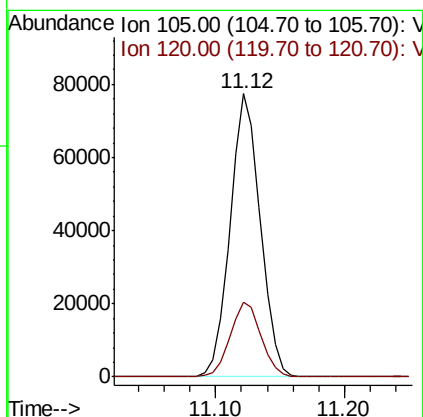
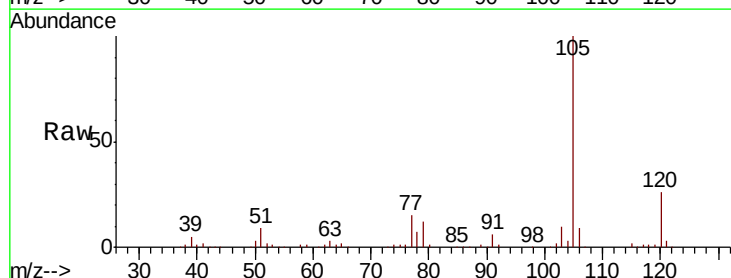
Manual Integrations
APPROVED

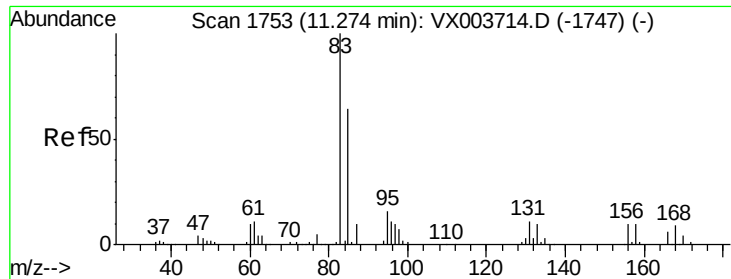
MMDadoda
8/3/2018 9:48:28 AM



#70
Isopropylbenzene
Concen: 19.99 ug/l
RT: 11.12 min Scan# 1728
Delta R.T. 0.10 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	19.0	35.2





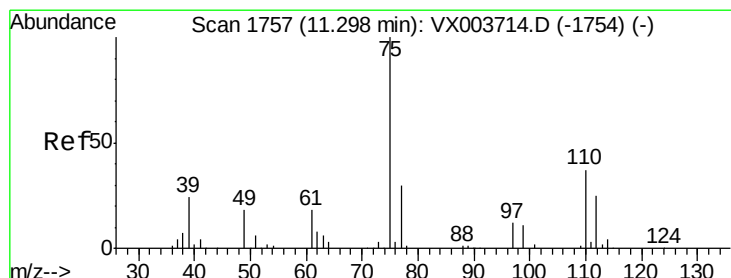
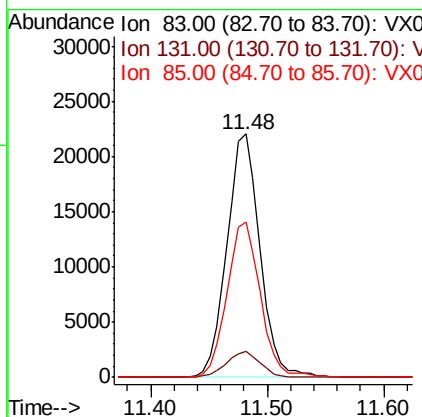
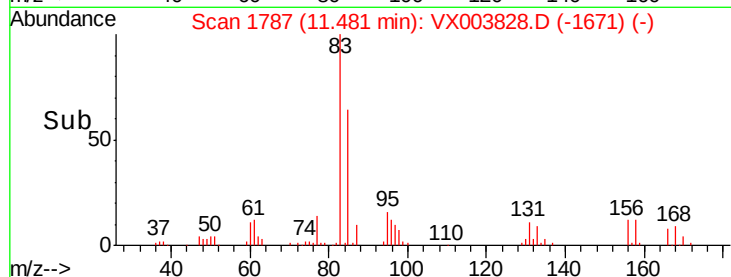
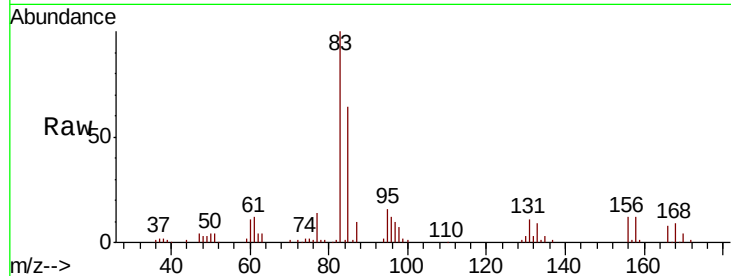
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.27 ug/l
 RT: 11.48 min Scan# 1787
 Delta R.T. 0.21 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.4	16.2
85	64.5	32.4	97.2

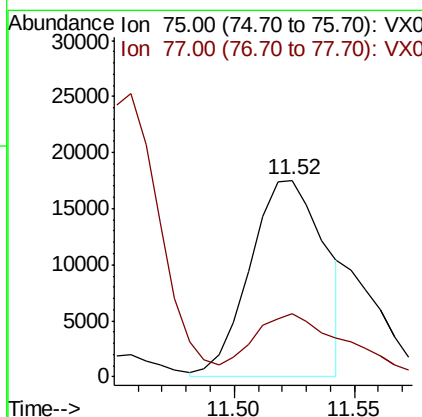
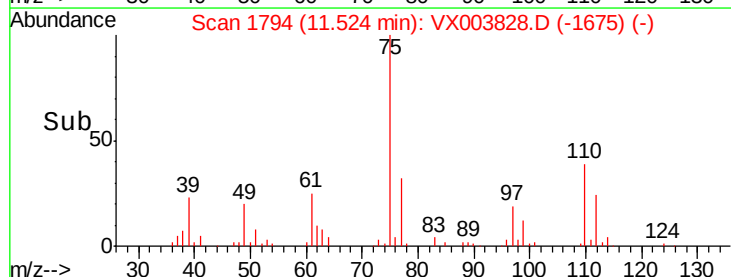
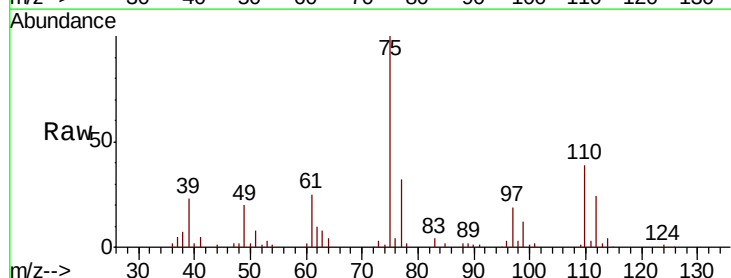
Manual Integrations
 APPROVED

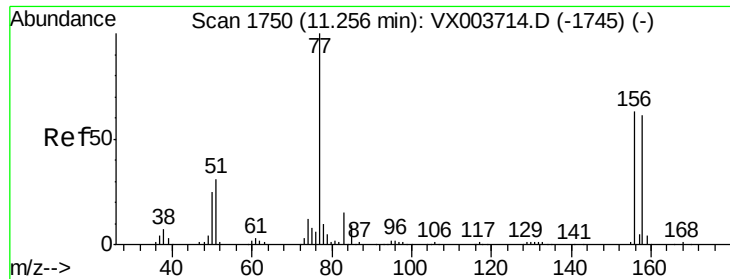
MMDadoda
 8/3/2018 9:48:28 AM



#72
 1,2,3-Trichloropropane
 Concen: 20.26 ug/l m
 RT: 11.52 min Scan# 1794
 Delta R.T. 0.23 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	71.8





#73

Bromobenzene

Concen: 19.84 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. 0.20 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

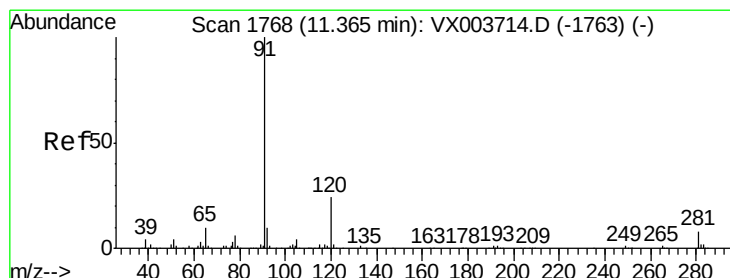
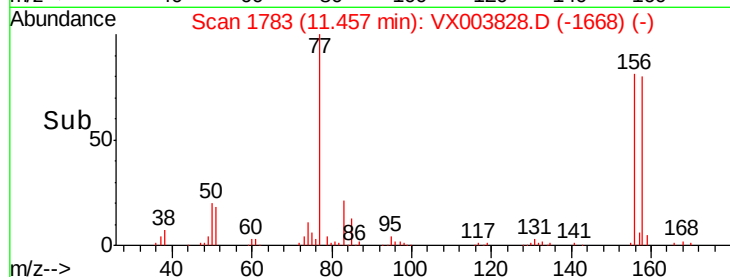
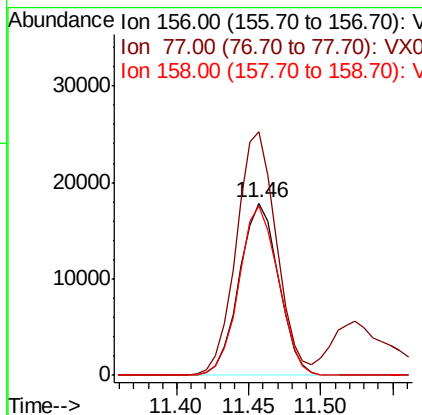
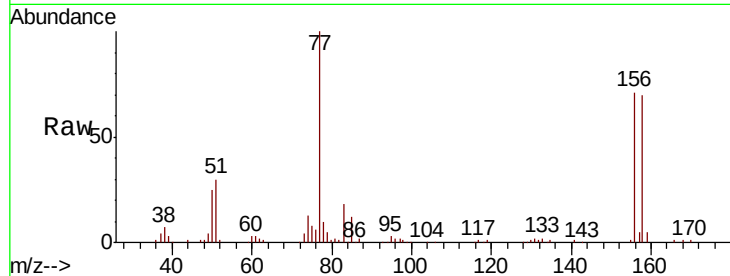
ClientSampleId :

VX0802WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	144.5	0.0	301.0		
158	98.4	0.0	196.2		

Manual Integrations
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#74

n-propylbenzene

Concen: 19.52 ug/l

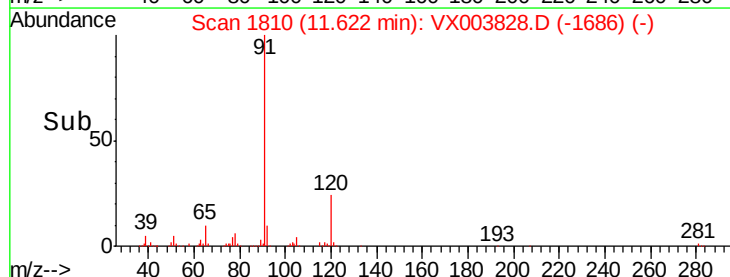
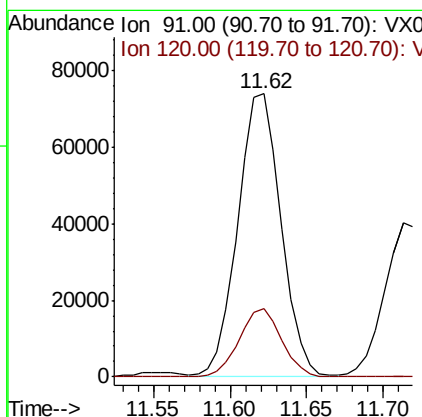
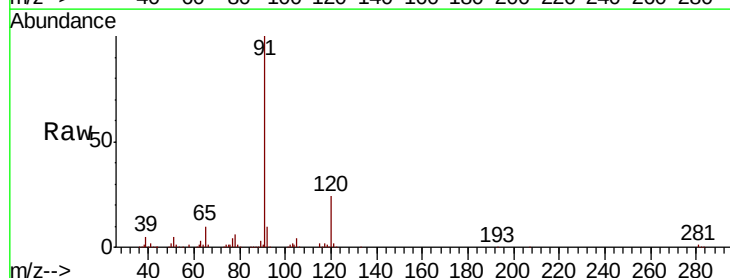
RT: 11.62 min Scan# 1810

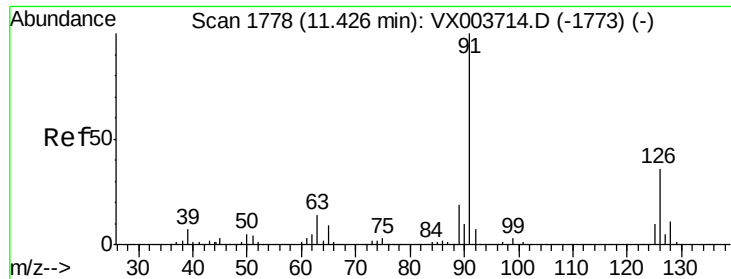
Delta R.T. 0.26 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	23.7	0.0	46.2		





#75

2-Chlorotoluene

Concen: 19.84 ug/l m

RT: 11.71 min Scan# 1825

Delta R.T. 0.29 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0802WBSD01

Tot Ion: 91 Resp: 87172

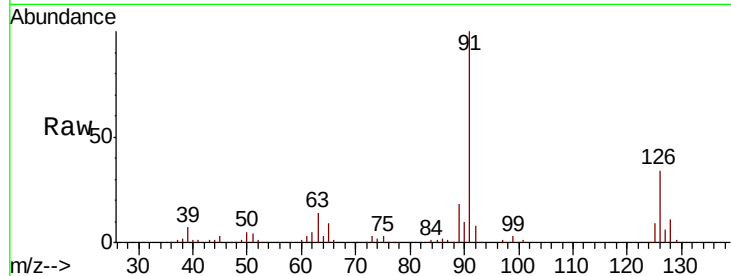
Ion Ratio Lower Upper

91 100

126 0.2 0.0 69.4

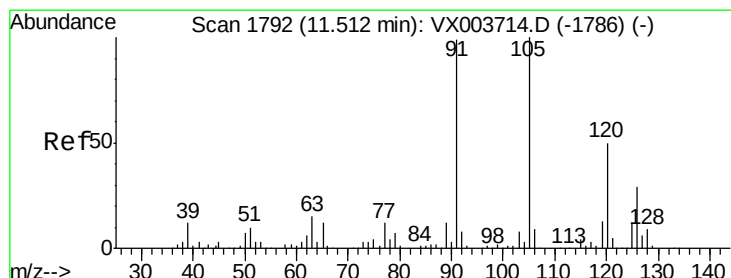
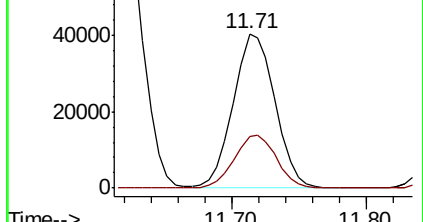
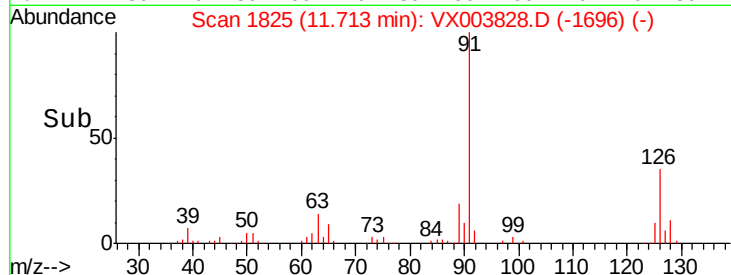
Manual Integrations
APPROVED

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8/3/2018 9:48:28 AM



Abundance Ion 91.00 (90.70 to 91.70): VX003714.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX003714.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.88 ug/l

RT: 11.86 min Scan# 1849

Delta R.T. 0.35 min

Lab File: VX003828.D

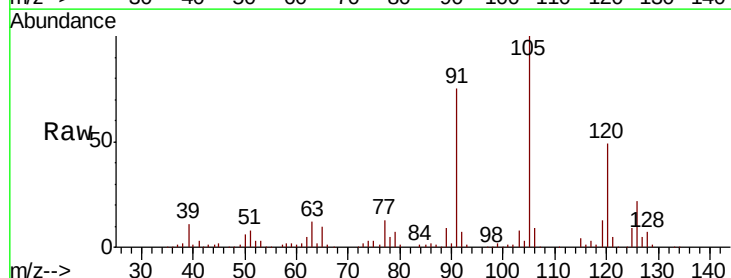
Acq: 02 Aug 2018 16:31

Tgt Ion: 105 Resp: 106790

Ion Ratio Lower Upper

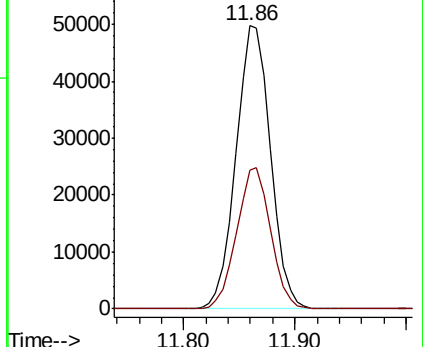
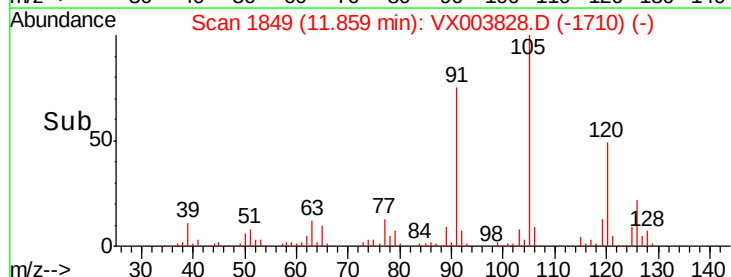
105 100

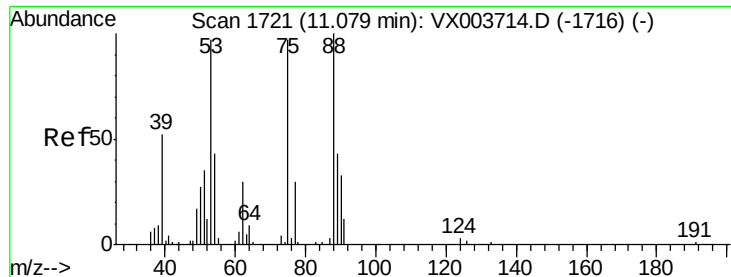
120 49.2 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX003714.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX003714.D (-1786) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 18.11 ug/l

RT: 11.20 min Scan# 1741

Delta R.T. 0.12 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0802WBSD01

Tot Ion: 75 Resp: 11597

Ion Ratio Lower Upper

75 100

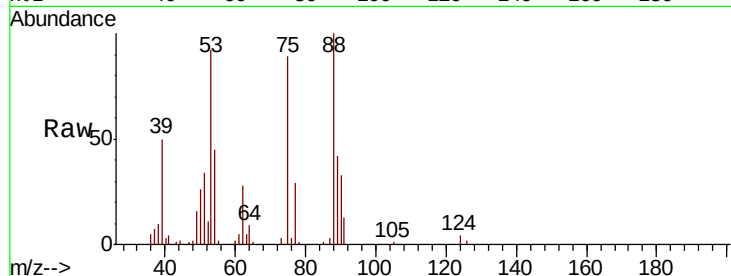
53 103.6 48.3 144.9

89 47.1 21.8 65.4

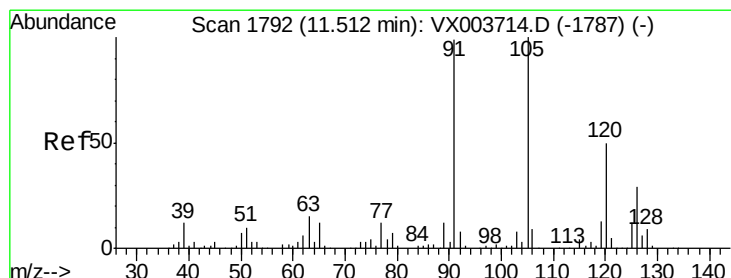
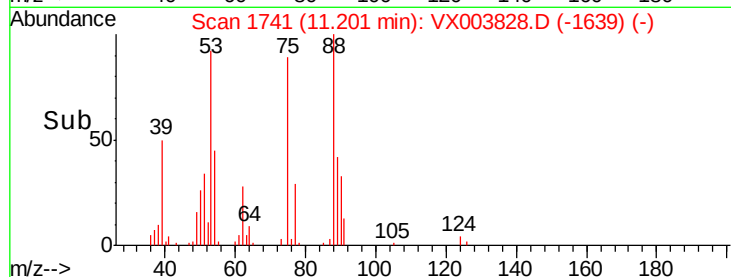
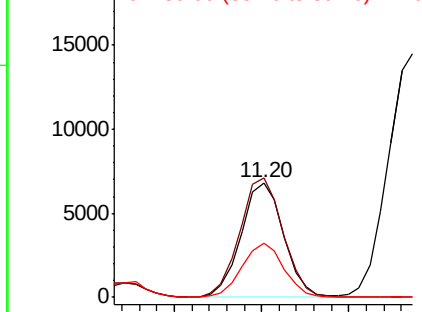
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Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.40 ug/l m

RT: 11.87 min Scan# 1851

Delta R.T. 0.36 min

Lab File: VX003828.D

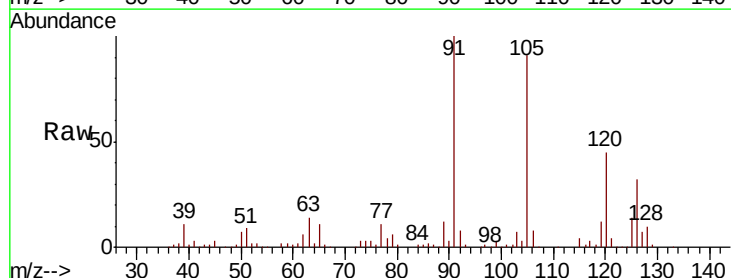
Acq: 02 Aug 2018 16:31

Tgt Ion: 91 Resp: 99761

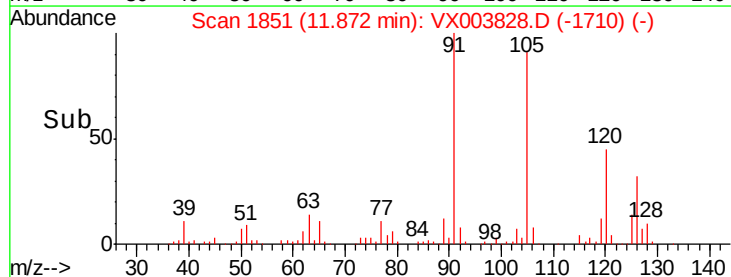
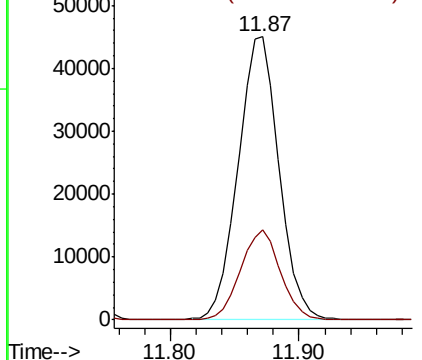
Ion Ratio Lower Upper

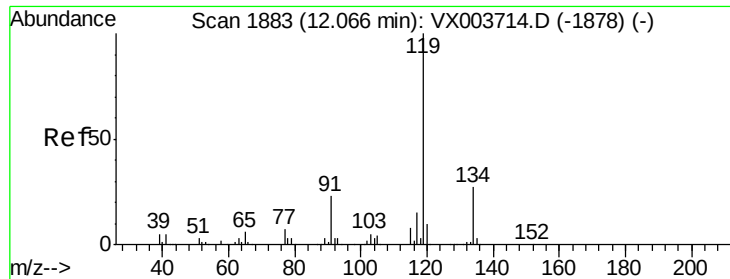
91 100

126 30.3 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V





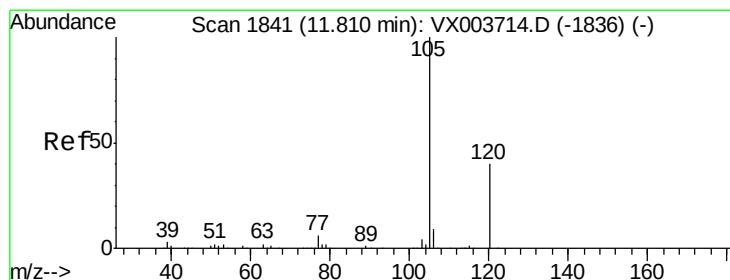
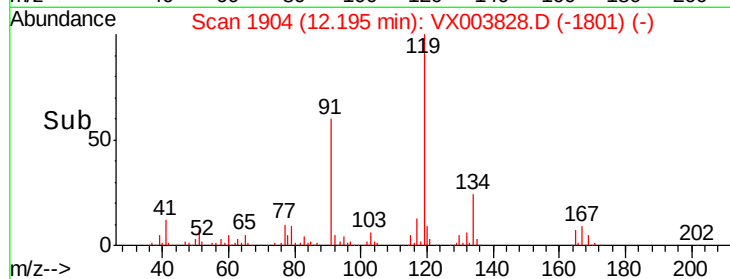
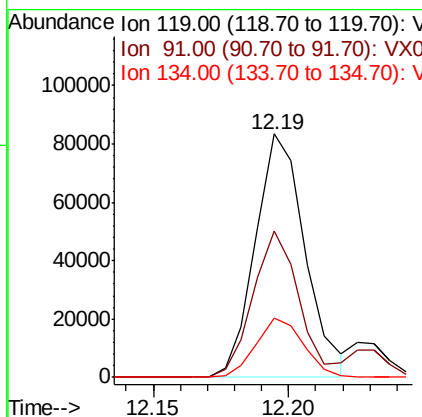
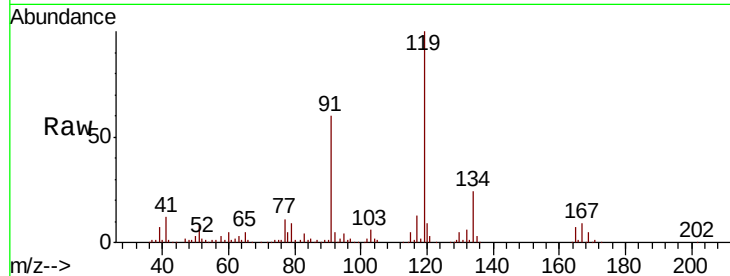
#79
tert-butylbenzene
Concen: 19.24 ug/l m
RT: 12.19 min Scan# 1904
Delta R.T. 0.13 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

Tot Ion	Ratio	Resp Lower	Upper
119	100		
91	23.9	0.0	48.0
134	27.7	0.0	52.6

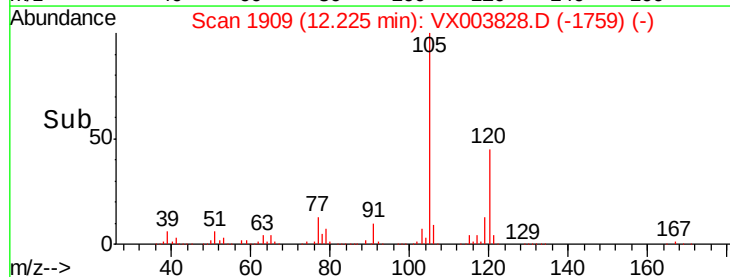
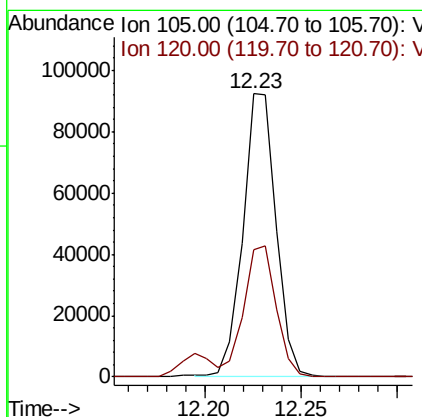
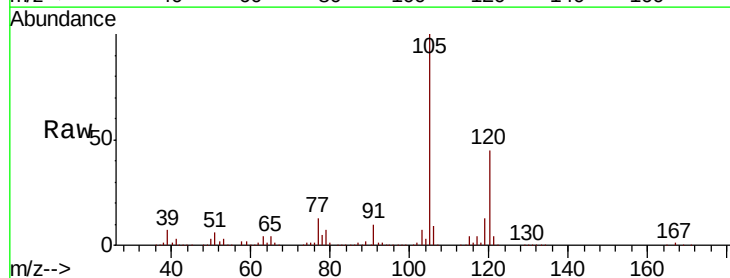
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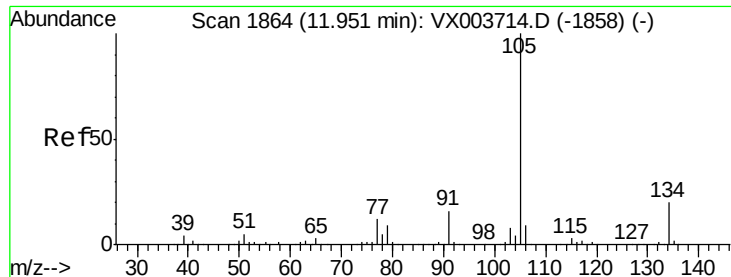
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 20.21 ug/l m
RT: 12.23 min Scan# 1909
Delta R.T. 0.41 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
120	47.3	0.0	89.2





#81

sec-Butylbenzene

Concen: 20.20 ug/l m

RT: 12.35 min Scan# 1929

Delta R.T. 0.40 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

ClientSampled :

VX0802WBSD01

Tot Ion:105 Resp: 126315

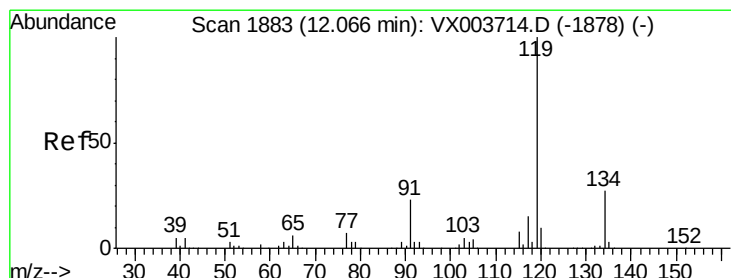
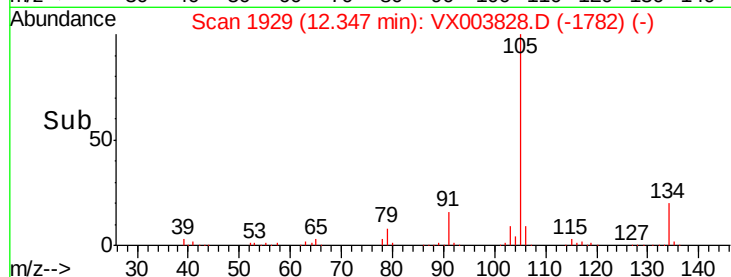
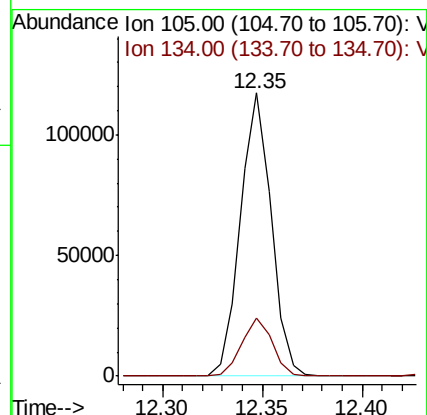
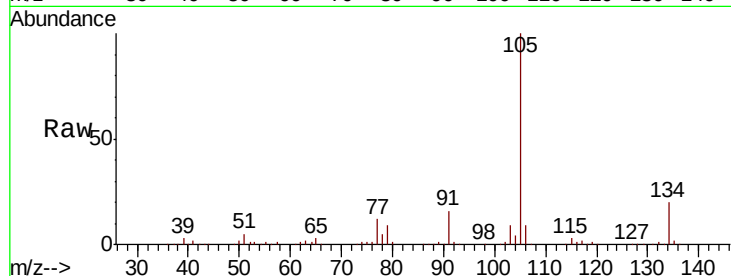
Ion Ratio Lower Upper

105 100

134 0.1 0.0 41.6

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#82

p-Isopropyltoluene

Concen: 20.10 ug/l

RT: 12.44 min Scan# 1945

Delta R.T. 0.38 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

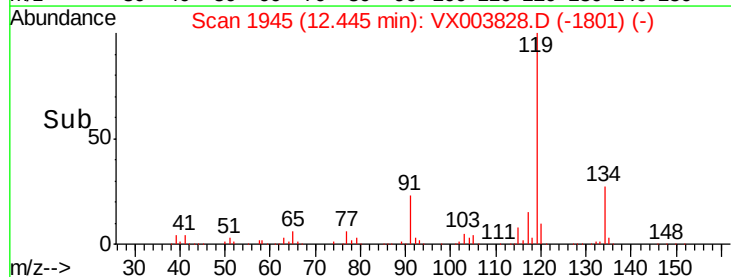
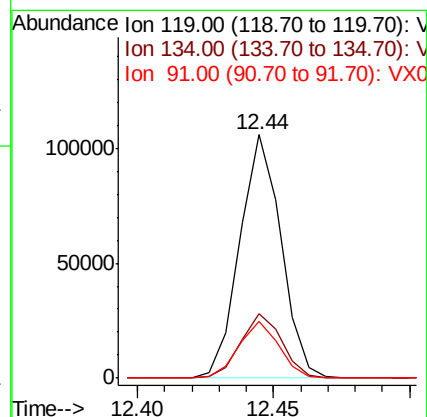
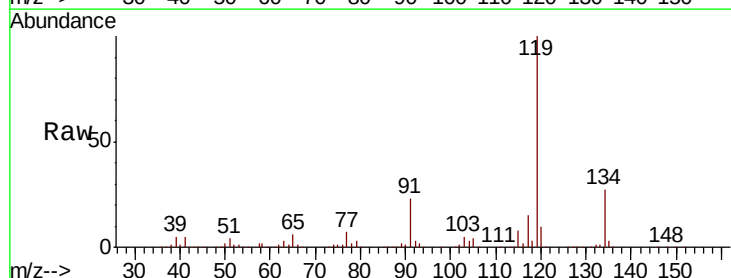
Tgt Ion:119 Resp: 111085

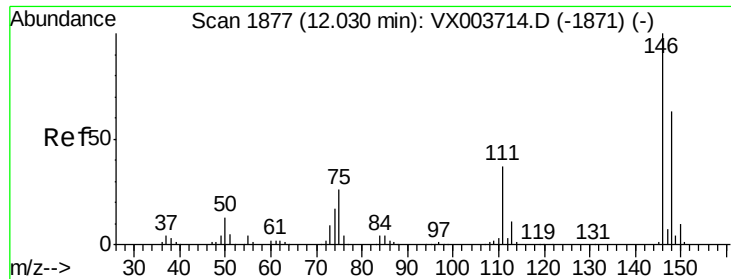
Ion Ratio Lower Upper

119 100

134 26.5 0.0 52.6

91 22.8 0.0 48.0





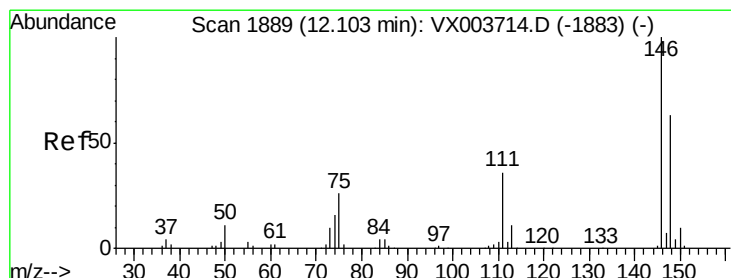
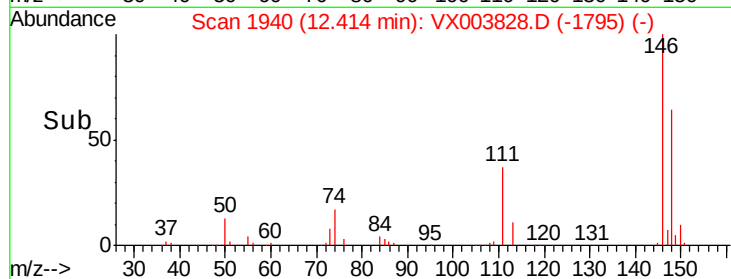
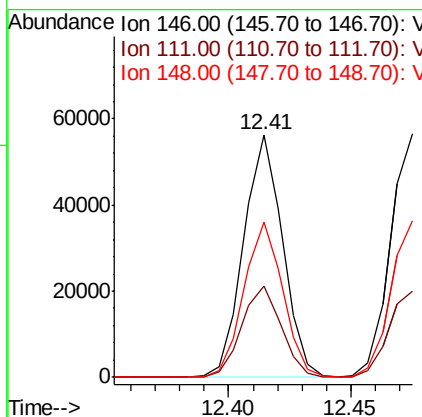
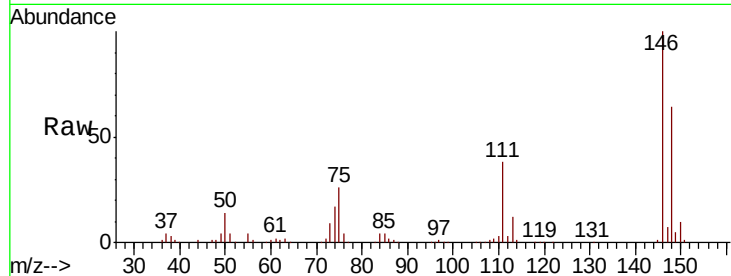
#83
 1,3-Dichlorobenzene
 Concen: 20.15 ug/l
 RT: 12.41 min Scan# 1940
 Delta R.T. 0.38 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX0802WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.5
148	63.9	31.9	95.7

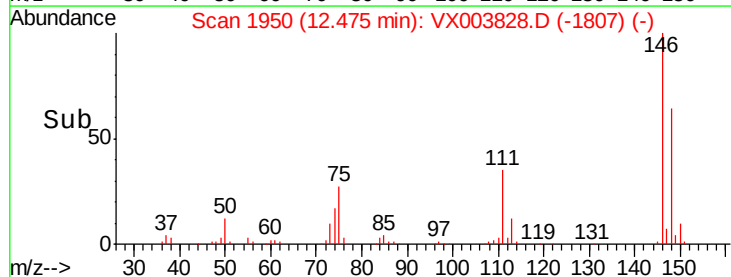
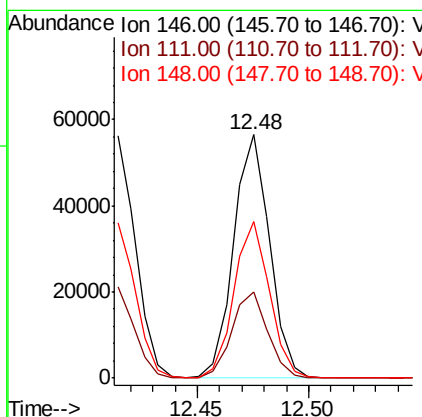
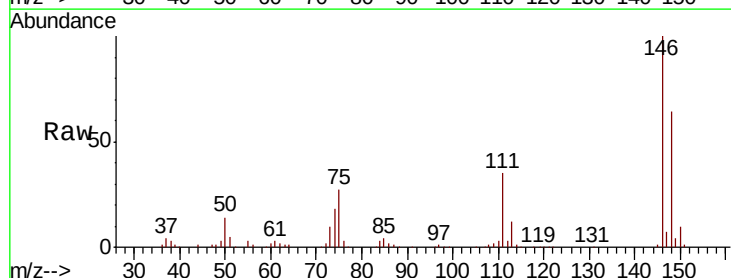
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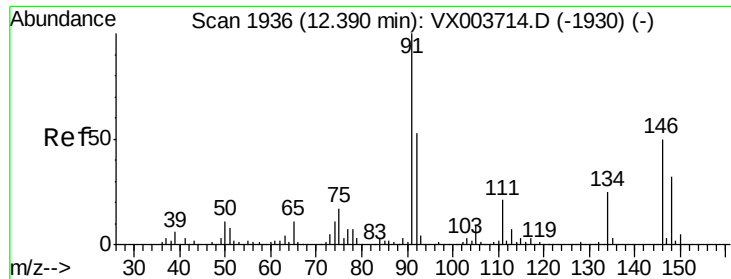
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 8/3/2018 9:48:28 AM



#84
 1,4-Dichlorobenzene
 Concen: 20.40 ug/l m
 RT: 12.48 min Scan# 1950
 Delta R.T. 0.37 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.5	55.5
148	62.7	32.0	96.0





#85

n-Butylbenzene

Concen: 19.23 ug/l m

RT: 12.71 min Scan# 1989

Delta R.T. 0.32 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

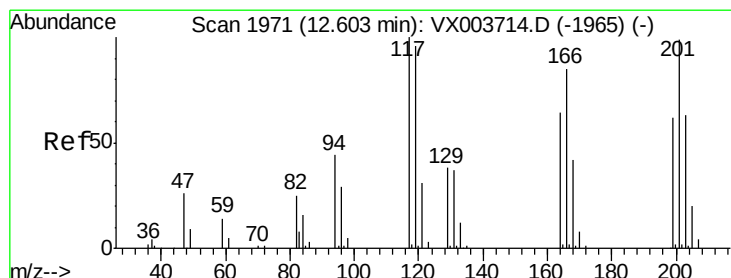
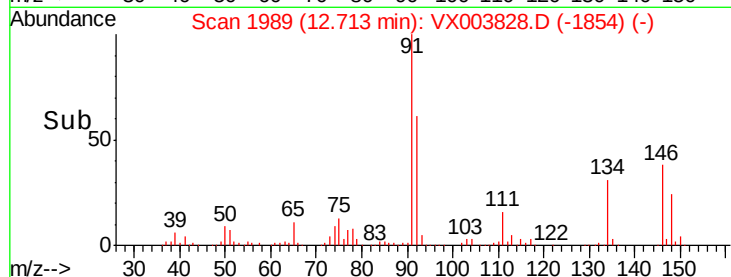
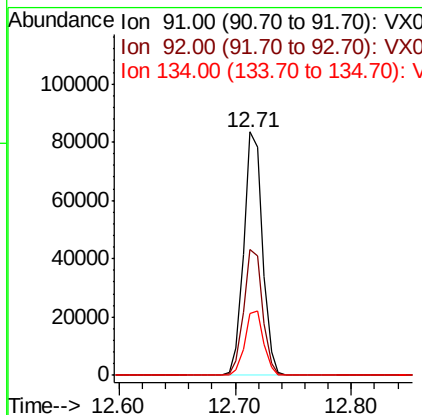
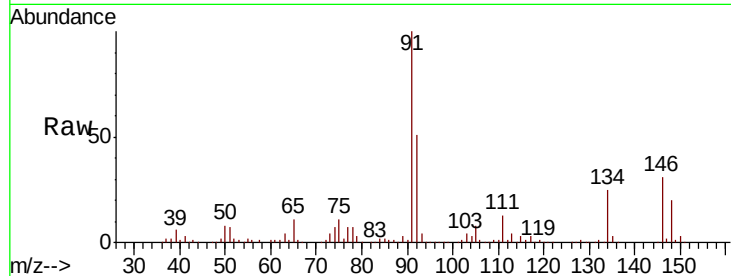
ClientSampleId :

VX0802WBSD01

Tot Ion:	91	Resp:	94305
Ion Ratio	Lower	Upper	
91	100		
92	5.0	0.0	105.2
134	26.4	0.0	53.2

Manual Integrations
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#86

Hexachloroethane

Concen: 18.58 ug/l m

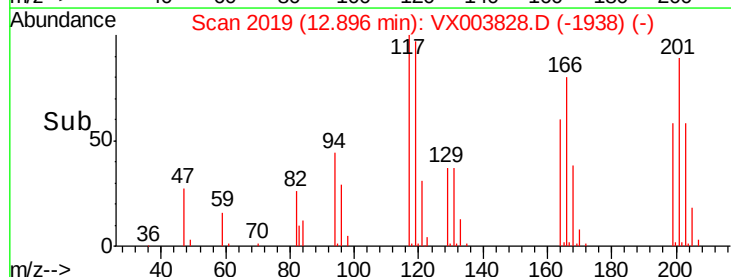
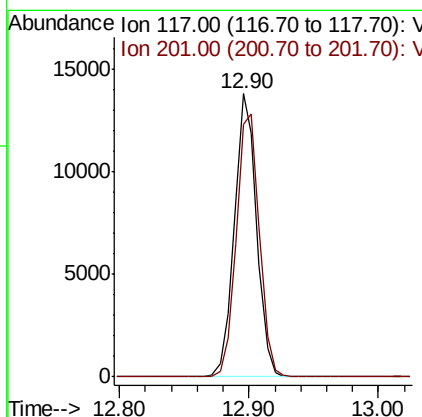
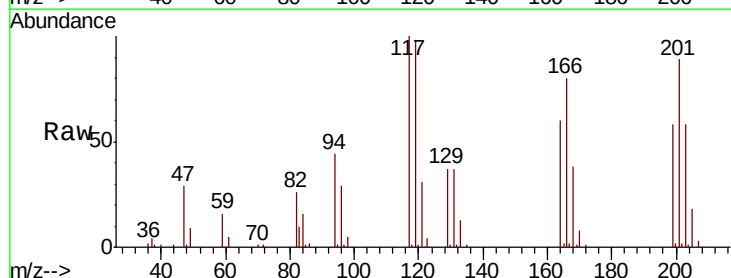
RT: 12.90 min Scan# 2019

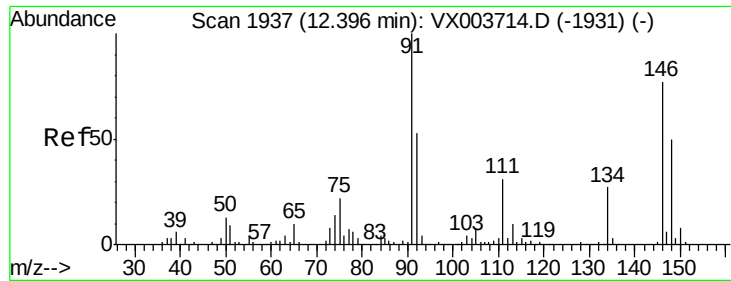
Delta R.T. 0.29 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Tgt Ion:	117	Resp:	16544
Ion Ratio	Lower	Upper	
117	100		
201	0.0	47.6	142.8#





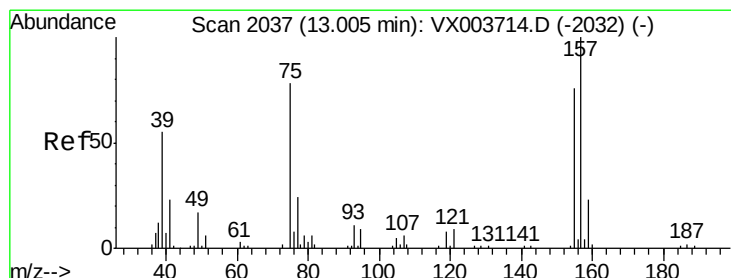
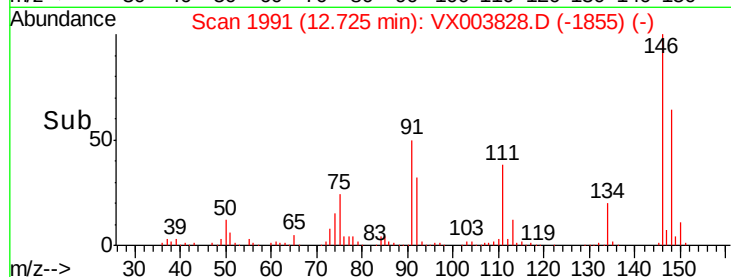
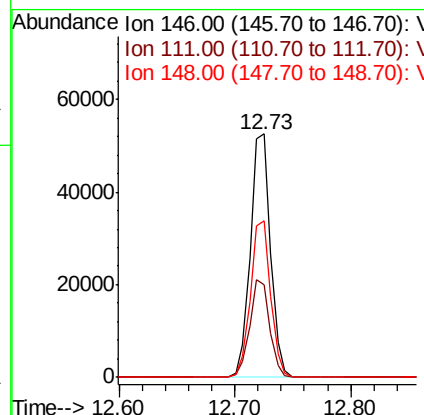
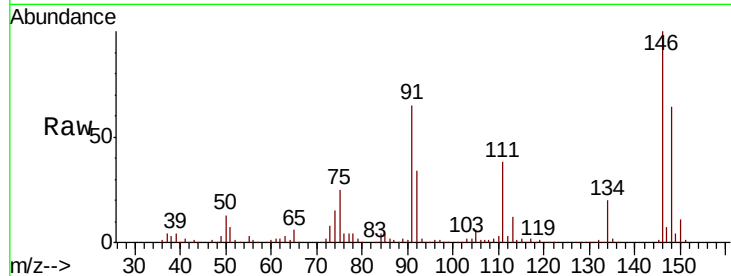
#87
 1,2-Dichlorobenzene
 Concen: 20.35 ug/l m
 RT: 12.73 min Scan# 1991
 Delta R.T. 0.33 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX0802WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	20.0	59.9
148	63.0	32.8	98.3

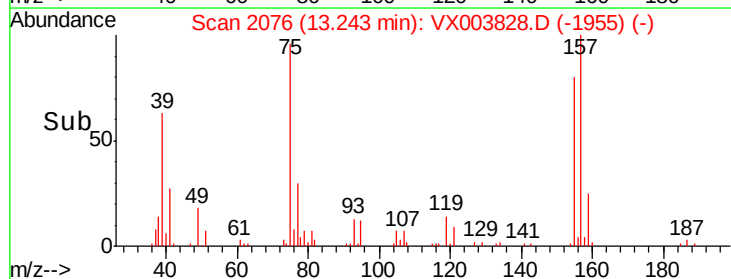
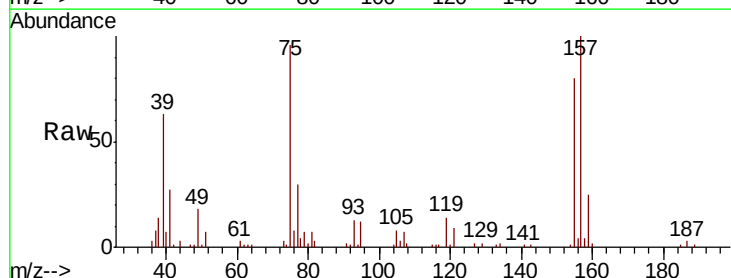
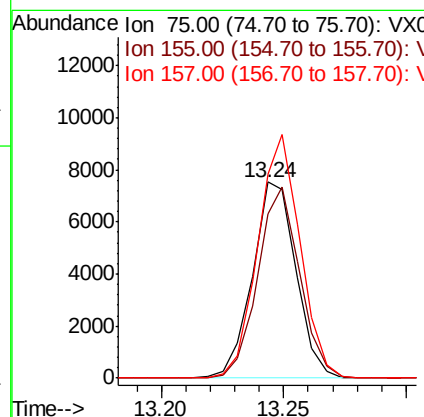
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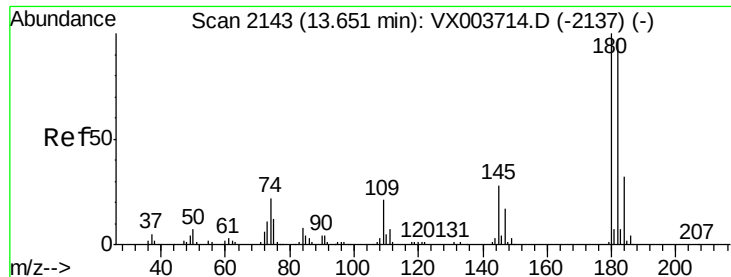
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.59 ug/l
 RT: 13.24 min Scan# 2076
 Delta R.T. 0.24 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.9	73.1	109.7
157	120.1	93.1	139.7





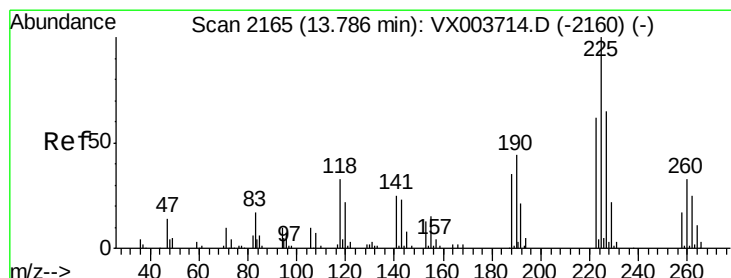
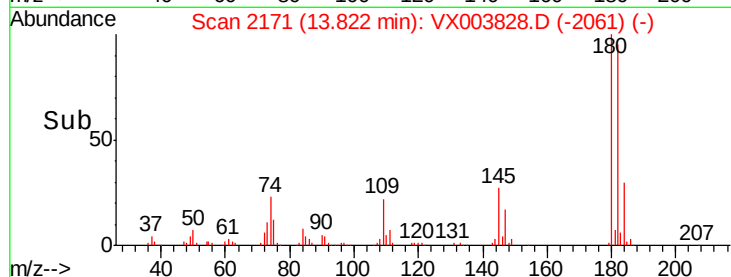
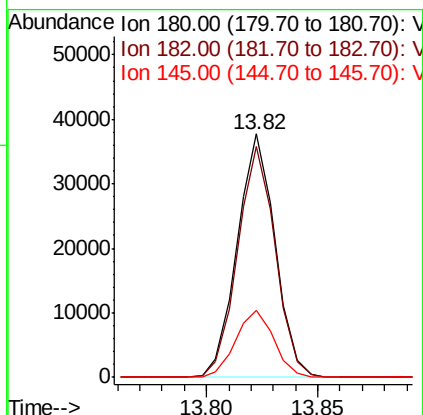
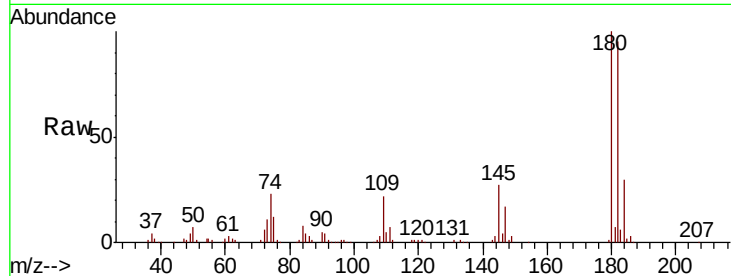
#89
1,2,4-Trichlorobenzene
Concen: 20.34 ug/l
RT: 13.82 min Scan# 2171
Delta R.T. 0.17 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.4	114.6
145	28.0	22.9	34.3

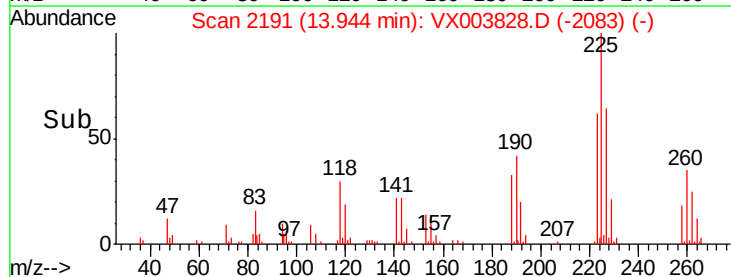
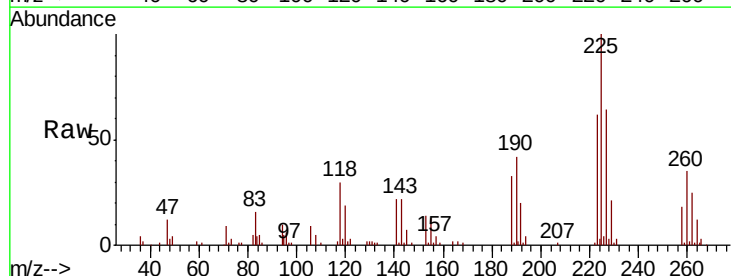
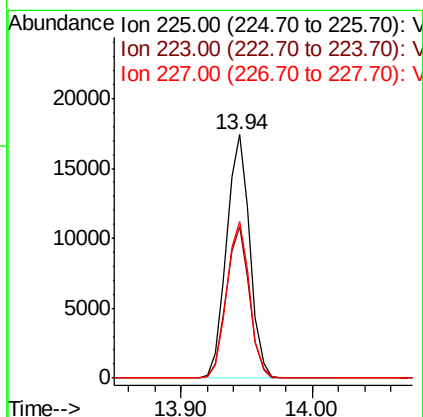
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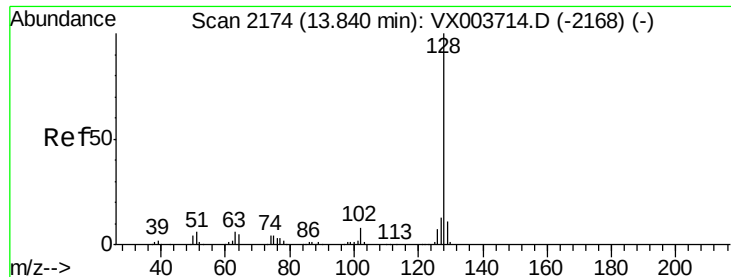
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#90
Hexachlorobutadiene
Concen: 21.51 ug/l m
RT: 13.94 min Scan# 2191
Delta R.T. 0.16 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	0.5	0.0	122.4
227	0.4	0.0	128.0





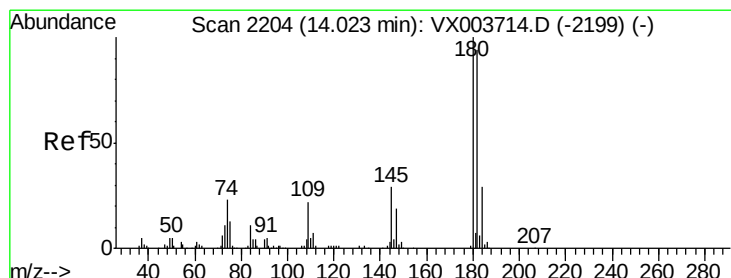
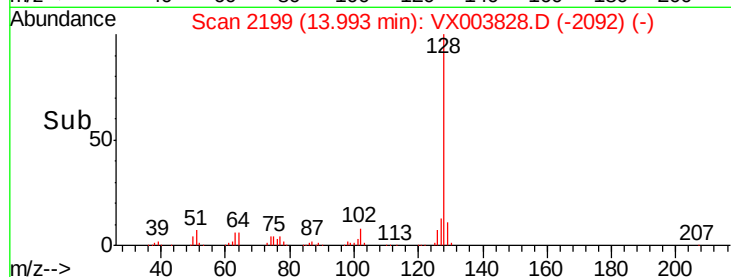
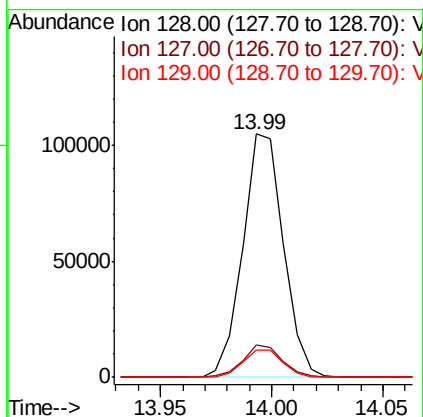
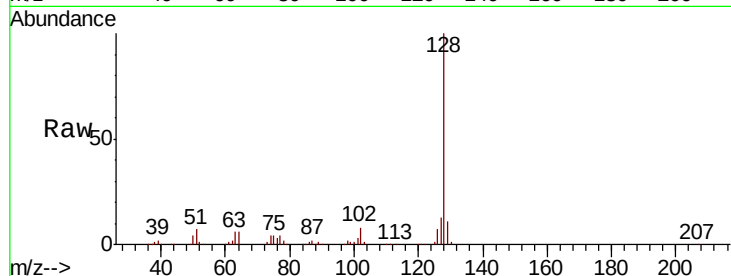
#91
Naphthalene
Concen: 20.00 ug/l
RT: 13.99 min Scan# 2199
Delta R.T. 0.15 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	11.0	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 20.61 ug/l
RT: 14.16 min Scan# 2227
Delta R.T. 0.14 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	0.0	191.0
145	30.5	0.0	60.6

