

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006374.D
 Acq On : 10 Dec 2018 17:05
 Operator : JC/MD
 Sample : VX1210WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 10:54:48 AM

Quant Time: Dec 11 04:34:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	610444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	939525	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	843106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	437629	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	326554	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
35) Dibromofluoromethane	5.51	113	309048	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
50) Toluene-d8	8.71	98	1106683	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.13	95	419512	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	121661	20.355	ug/l	99
3) Chloromethane	1.33	50	117295	19.096	ug/l	96
4) Vinyl Chloride	1.41	62	125383	18.967	ug/l	96
5) Bromomethane	1.64	94	104202	22.745	ug/l	100
6) Chloroethane	1.72	64	80626	19.892	ug/l	97
7) Trichlorofluoromethane	1.93	101	199303	19.641	ug/l	99
8) Diethyl Ether	2.19	74	75110	19.557	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	114254	19.801	ug/l	98
10) Methyl Iodide	2.51	142	163186	18.766	ug/l	99
11) Tert butyl alcohol	3.07	59	173533	101.826	ug/l	99
12) 1,1-Dichloroethene	2.37	96	106985	19.368	ug/l	92
13) Acrolein	2.30	56	91508	98.241	ug/l	99
14) Allyl chloride	2.73	41	190524	17.461	ug/l	98
15) Acrylonitrile	3.15	53	347640	97.754	ug/l	99
16) Acetone	2.45	43	291953	99.831	ug/l	99
17) Carbon Disulfide	2.57	76	279879	16.443	ug/l	99
18) Methyl Acetate	2.78	43	198231	20.269	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	387399	19.660	ug/l	99
20) Methylene Chloride	2.86	84	119020	19.123	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	112175	19.057	ug/l	93
22) Diisopropyl ether	3.87	45	345719	20.285	ug/l	99
23) Vinyl Acetate	3.82	43	1420610	97.727	ug/l	97
24) 1,1-Dichloroethane	3.70	63	197287	20.252	ug/l	99
25) 2-Butanone	4.70	43	422228	101.186	ug/l	98
26) 2,2-Dichloropropane	4.59	77	162555	18.081	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	136433	20.779	ug/l	95
28) Bromochloromethane	5.02	49	89314	20.990	ug/l	98
29) Tetrahydrofuran	5.15	42	284706	98.171	ug/l	96
30) Chloroform	5.21	83	212559	20.764	ug/l	96
31) Cyclohexane	5.57	56	166116	18.452	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	195834	20.106	ug/l	100
36) 1,1-Dichloropropene	5.80	75	148862	18.815	ug/l	100
37) Ethyl Acetate	4.85	43	165969	18.732	ug/l	99
38) Carbon Tetrachloride	5.79	117	172176	18.499	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	188118	18.318	ug/l	97
40) Benzene	6.15	78	469898	19.830	ug/l	97
41) Methacrylonitrile	5.06	41	90024	18.465	ug/l	97
42) 1,2-Dichloroethane	6.20	62	155612	20.065	ug/l	99
43) Isopropyl Acetate	6.46	43	265821	17.994	ug/l	99
44) Trichloroethene	7.21	130	137830	19.200	ug/l	96
45) 1,2-Dichloropropane	7.51	63	115096	19.111	ug/l	100
46) Dibromomethane	7.66	93	83213	19.131	ug/l	98
47) Bromodichloromethane	7.90	83	157836	18.738	ug/l	98
48) Methyl methacrylate	7.77	41	132669	18.461	ug/l	98
49) 1,4-Dioxane	7.75	88	74658	421.500	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	829992	96.514	ug/l	97
52) Toluene	8.79	92	303894	19.493	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	167222	16.975	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	186140	18.197	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	128088	20.224	ug/l	100
56) Ethyl methacrylate	9.18	69	192940	19.486	ug/l	96
57) 1,3-Dichloropropane	9.37	76	198831	19.853	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	489070	97.339	ug/l	99
59) 2-Hexanone	9.49	43	640276	97.452	ug/l	100
60) Dibromochloromethane	9.59	129	140386	17.976	ug/l	100
61) 1,2-Dibromoethane	9.67	107	137402	19.402	ug/l	100
64) Tetrachloroethene	9.34	164	124353	19.585	ug/l	98
65) Chlorobenzene	10.14	112	361624	20.206	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	131333	18.887	ug/l	99
67) Ethyl Benzene	10.25	91	590057	19.823	ug/l	99
68) m/p-Xylenes	10.36	106	468411	39.284	ug/l	100
69) o-Xylene	10.70	106	234777	19.934	ug/l	100
70) Styrene	10.71	104	374104	19.639	ug/l	99
71) Bromoform	10.86	173	109599	16.696	ug/l	99
73) Isopropylbenzene	11.02	105	619379	20.494	ug/l	100
74) N-amyl acetate	10.90	43	240220	18.458	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	198721	20.553	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	184303m	21.819	ug/l	
77) Bromobenzene	11.26	156	167535	19.975	ug/l	98
78) n-propylbenzene	11.36	91	665770	19.818	ug/l	100
79) 2-Chlorotoluene	11.42	91	405933	20.330	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	505844	20.117	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57488	15.971	ug/l	90
82) 4-Chlorotoluene	11.51	91	463770	19.977	ug/l	100
83) tert-Butylbenzene	11.77	119	541784	20.194	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	523239	20.152	ug/l	100
85) sec-Butylbenzene	11.94	105	623740	20.436	ug/l	100
86) p-Isopropyltoluene	12.07	119	552050	20.086	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	299812	20.090	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	295971	19.540	ug/l	97
89) n-Butylbenzene	12.39	91	447271	19.073	ug/l	99
90) Hexachloroethane	12.60	117	100538	17.948	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	305740	20.642	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45243	18.254	ug/l	95

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VX1210WBSD01

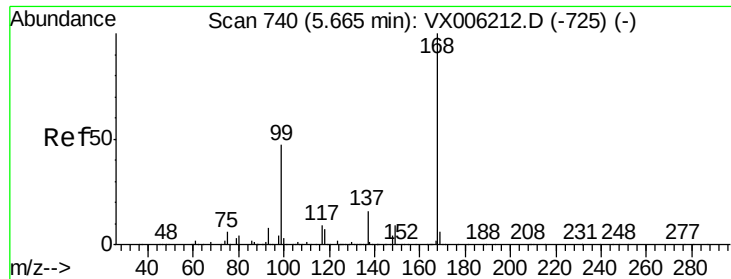
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	211725	19.594	ug/l	100
94) Hexachlorobutadiene	13.78	225	94506	19.776	ug/l	98
95) Naphthalene	13.83	128	681560	20.277	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	212139	19.821	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion:168 Resp: 610444

Ion Ratio Lower Upper

168 100

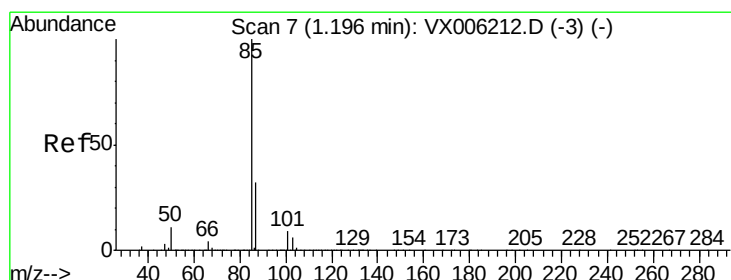
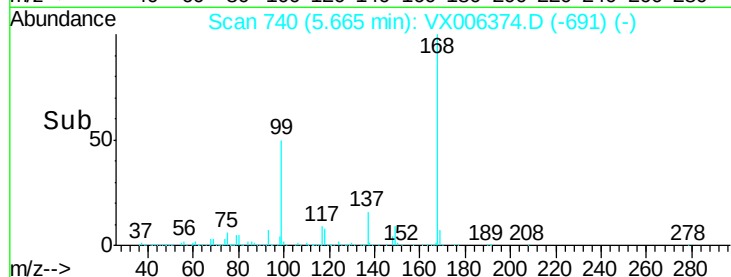
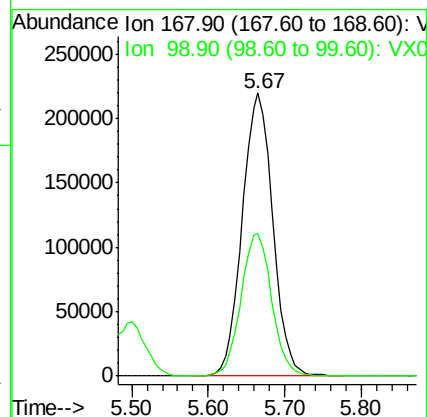
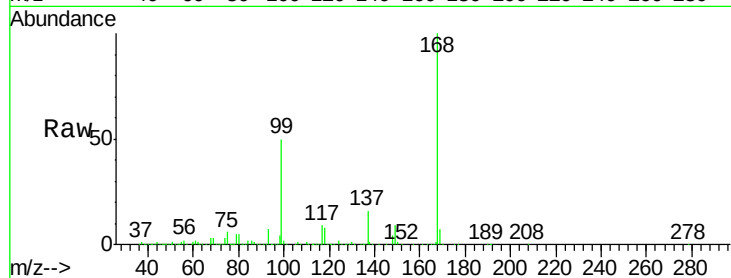
99 50.3 37.8 56.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 20.355 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006374.D

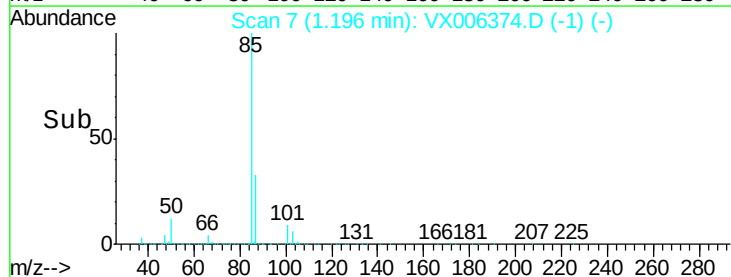
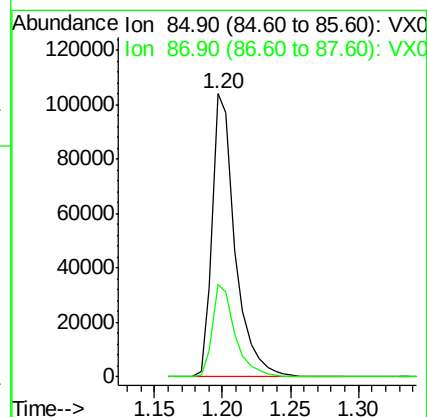
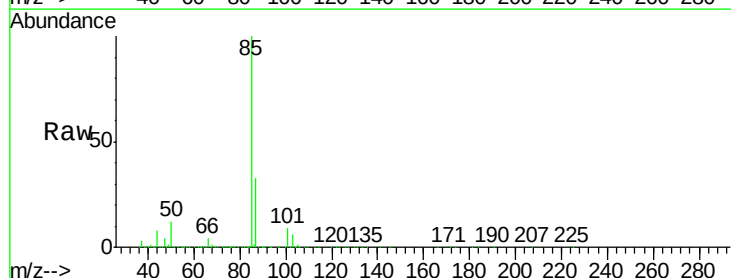
Acq: 10 Dec 2018 17:05

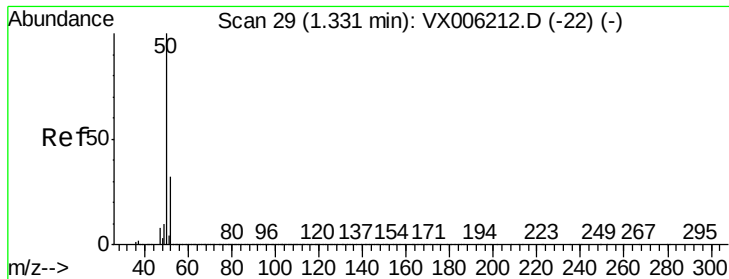
Tgt Ion: 85 Resp: 121661

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.2





#3

Chloromethane

Concen: 19.096 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion: 50 Resp: 117295

Ion Ratio Lower Upper

50 100

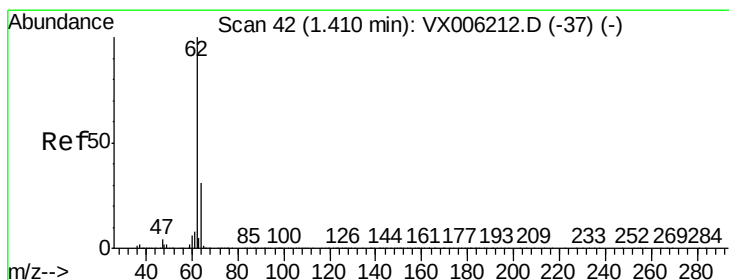
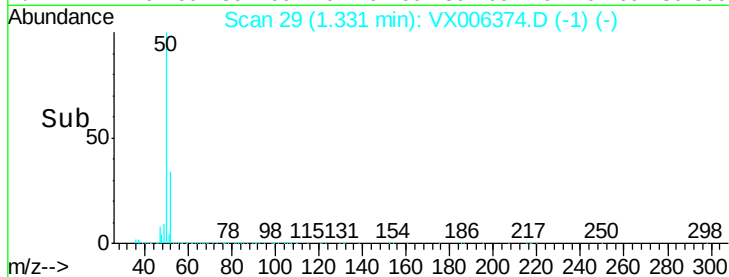
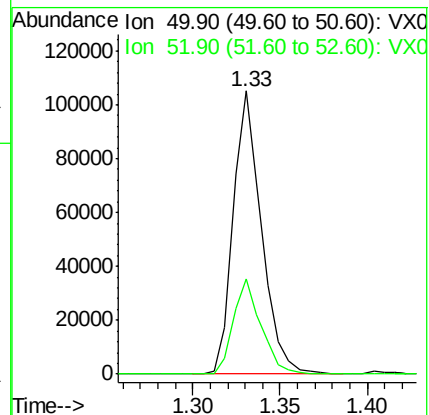
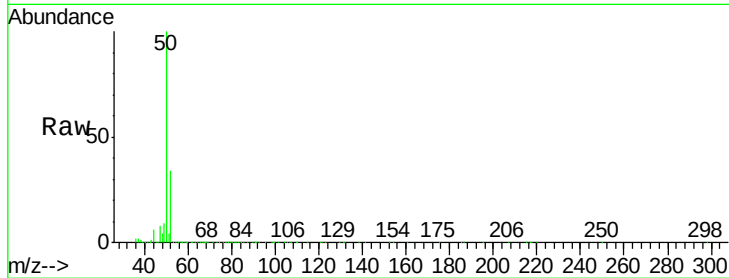
52 33.5 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.967 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006374.D

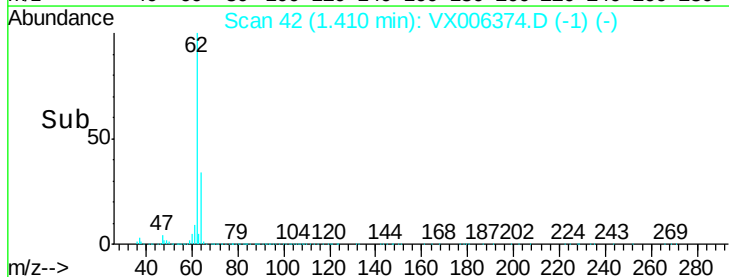
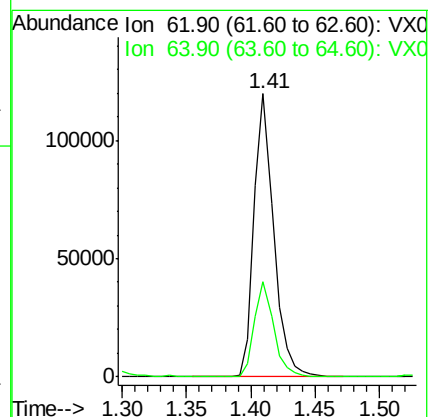
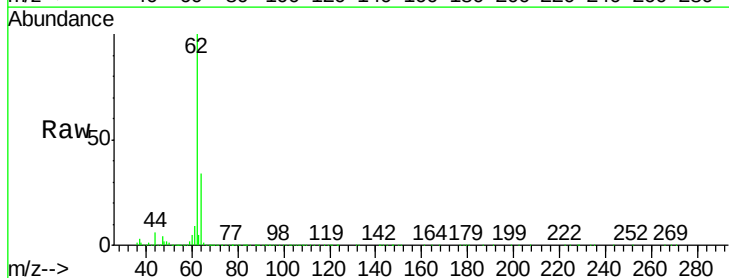
Acq: 10 Dec 2018 17:05

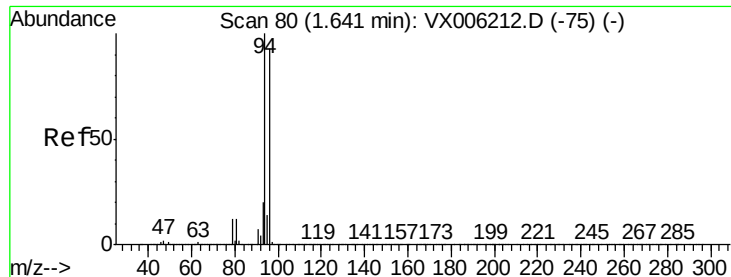
Tgt Ion: 62 Resp: 125383

Ion Ratio Lower Upper

62 100

64 33.5 24.9 37.3





#5

Bromomethane

Concen: 22.745 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion: 94 Resp: 104202

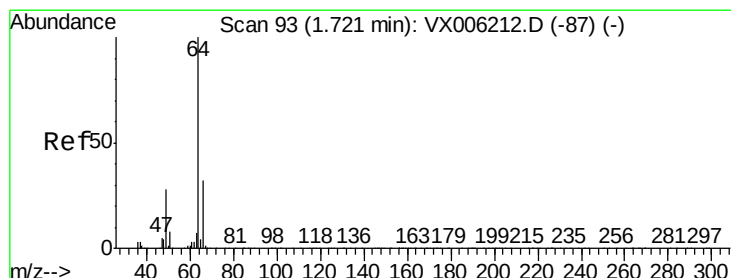
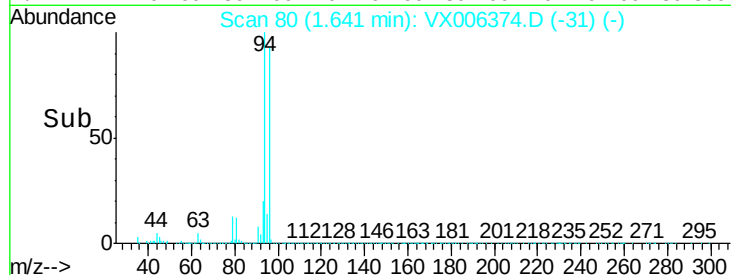
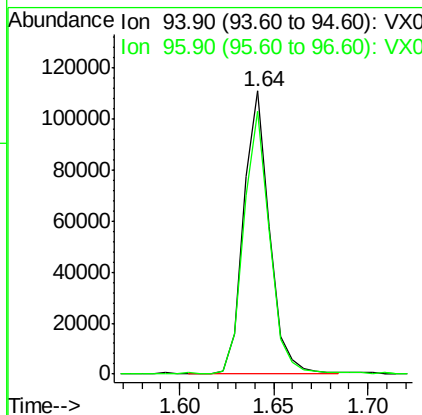
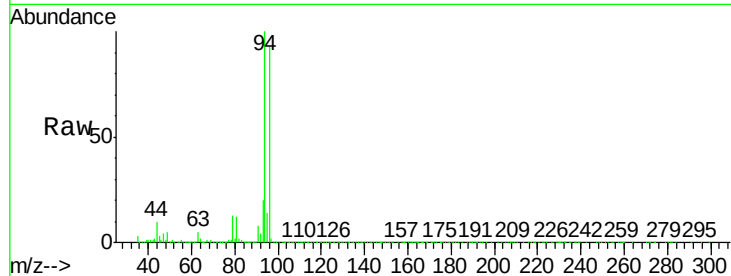
Ion Ratio Lower Upper

94 100

96 92.8 74.5 111.7

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#6

Chloroethane

Concen: 19.892 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006374.D

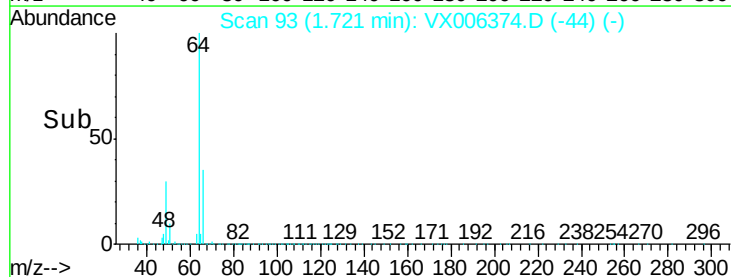
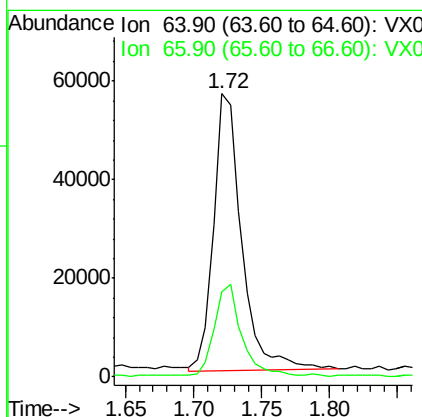
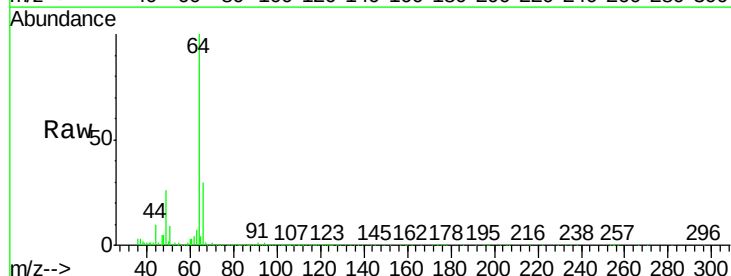
Acq: 10 Dec 2018 17:05

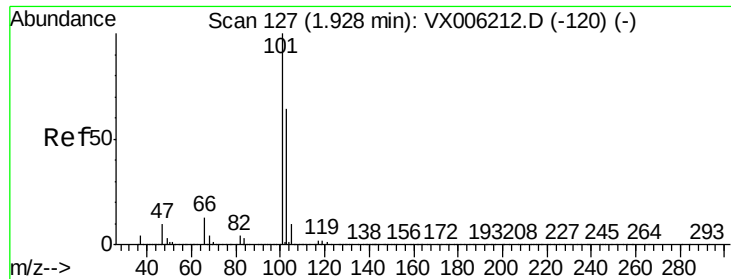
Tgt Ion: 64 Resp: 80626

Ion Ratio Lower Upper

64 100

66 30.5 25.9 38.9





#7

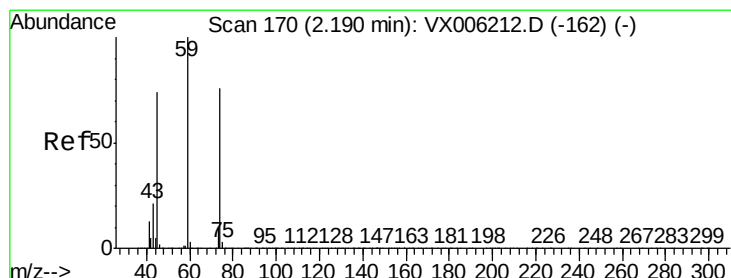
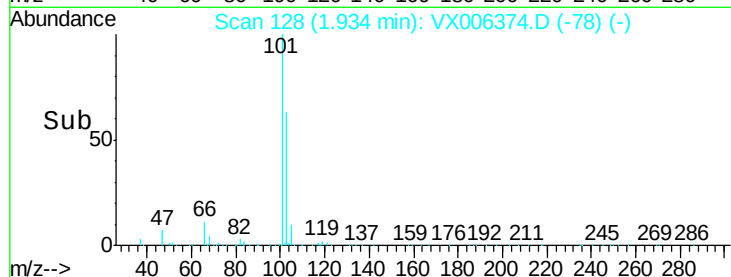
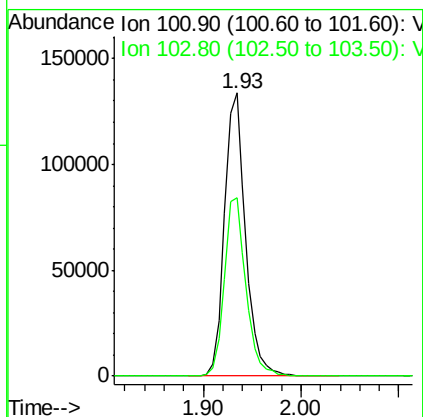
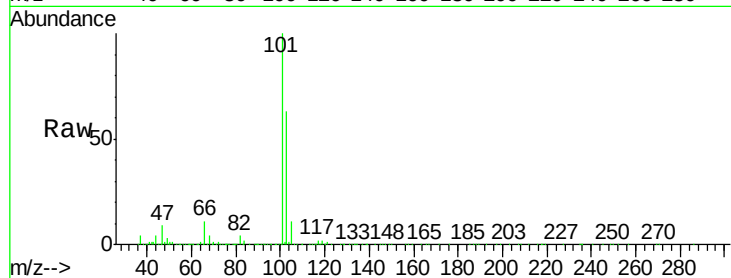
Trichlorofluoromethane
Concen: 19.641 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

Instrument :
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ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	51.0	76.4

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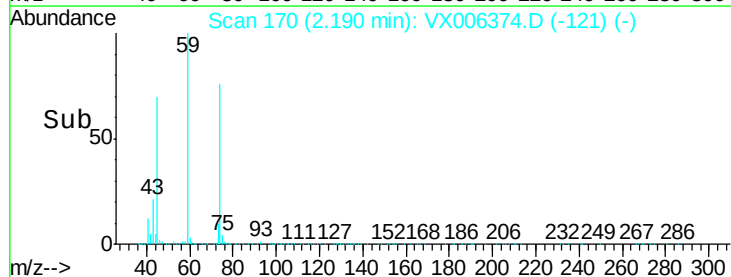
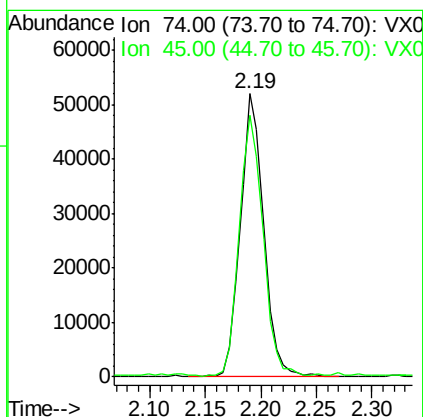
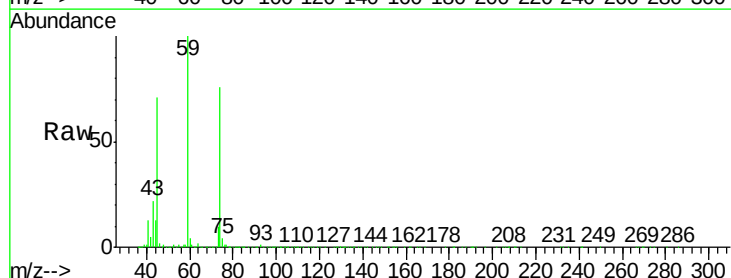
MMDadoda
12/11/2018 10:54:48 AM

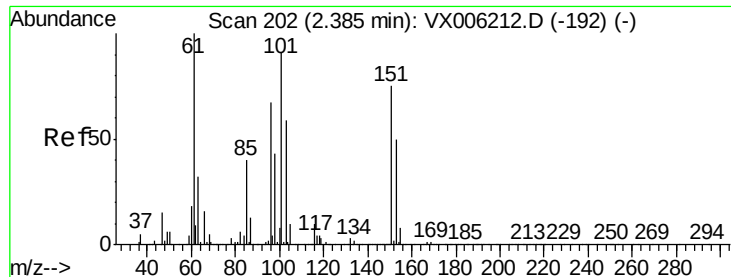


#8

Diethyl Ether
Concen: 19.557 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.5	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.801 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

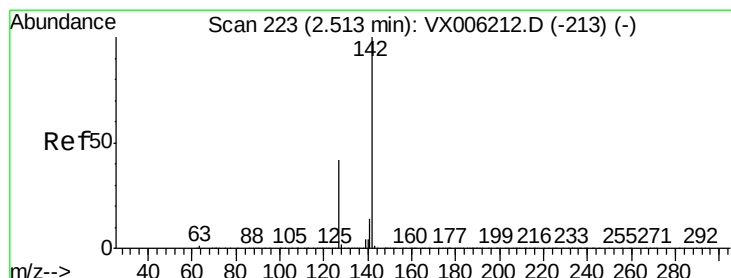
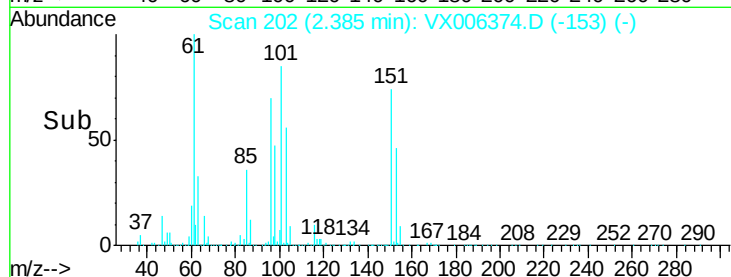
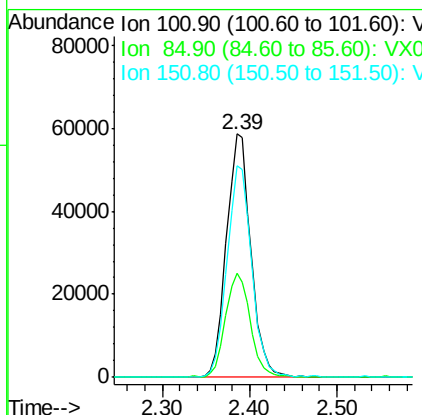
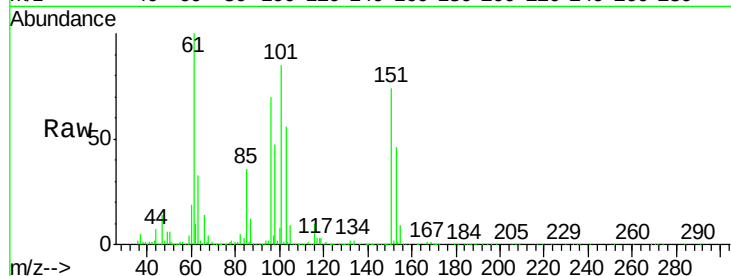
ClientSampleId :

VX1210WBSD01

Tot Ion:	101	Resp:	114254
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.5	53.3
151	87.9	68.6	103.0

Manual Integrations
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12/11/2018 10:54:48 AM



#10

Methyl Iodide

Concen: 18.766 ug/l

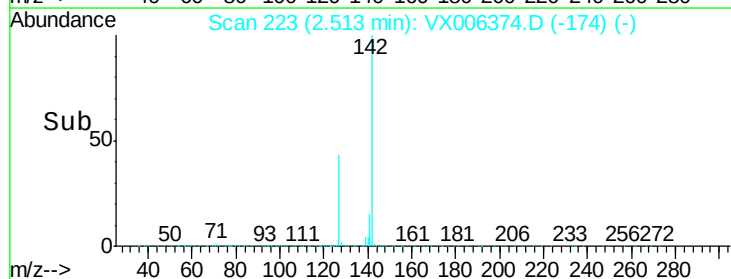
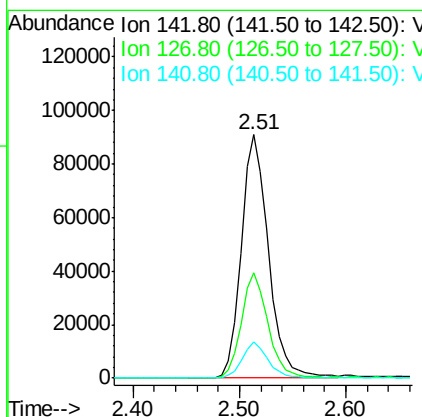
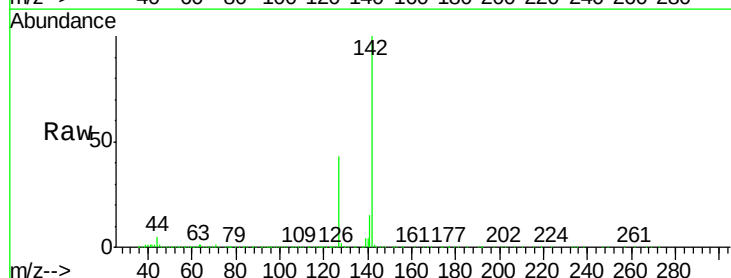
RT: 2.51 min Scan# 223

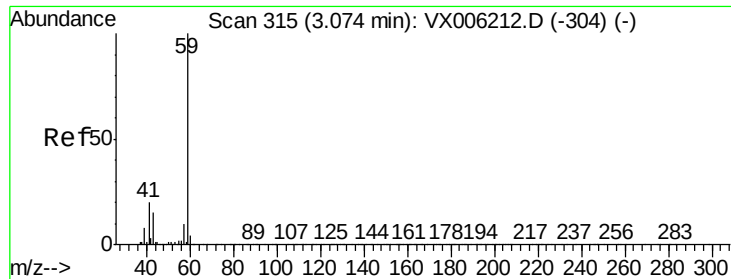
Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Tgt Ion:	142	Resp:	163186
Ion Ratio	Lower	Upper	
142	100		
127	42.6	34.8	52.2
141	14.5	11.4	17.2





#11

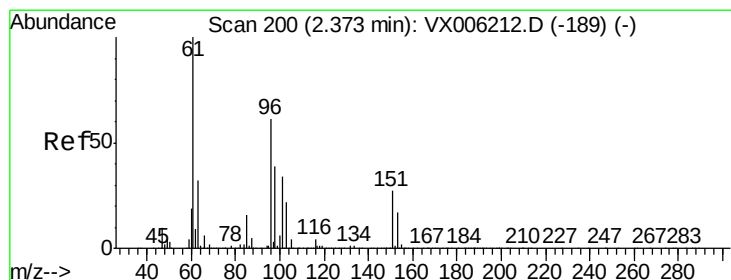
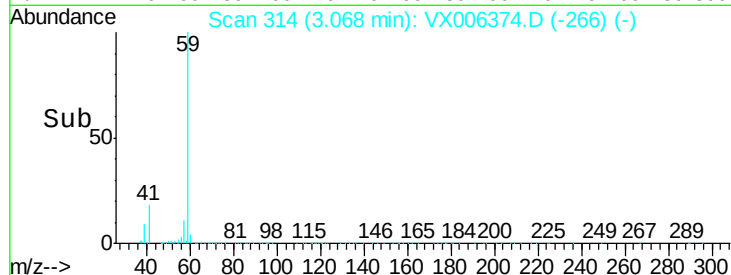
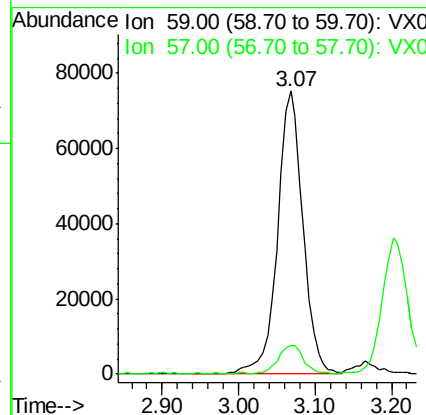
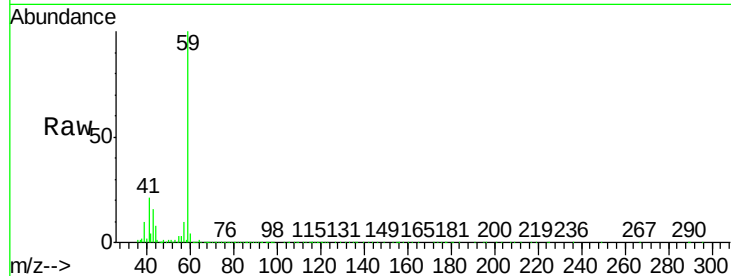
Tert butyl alcohol
Concen: 101.826 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	173533		
57	57	9.8		8.2	12.2

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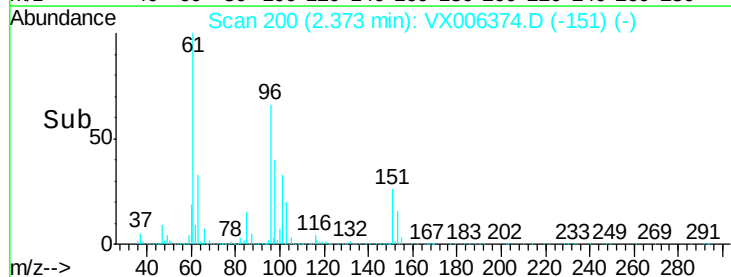
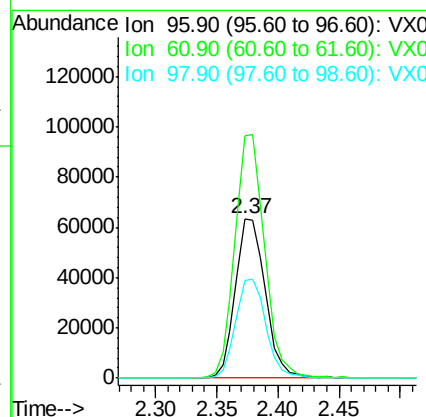
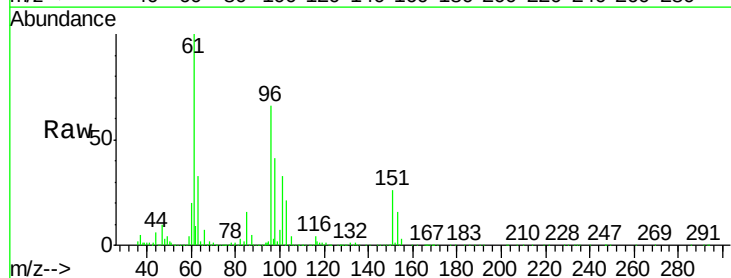
MMDadoda
12/11/2018 10:54:48 AM

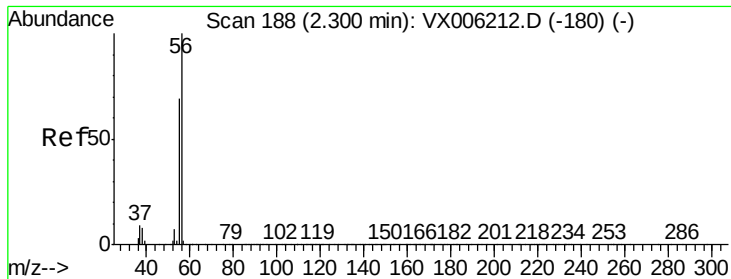


#12

1,1-Dichloroethene
Concen: 19.368 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	106985		
61	61	152.5		131.7	197.5
98	98	61.6		51.8	77.6





#13

Acrolein

Concen: 98.241 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion: 56 Resp: 91508

Ion Ratio Lower Upper

56 100

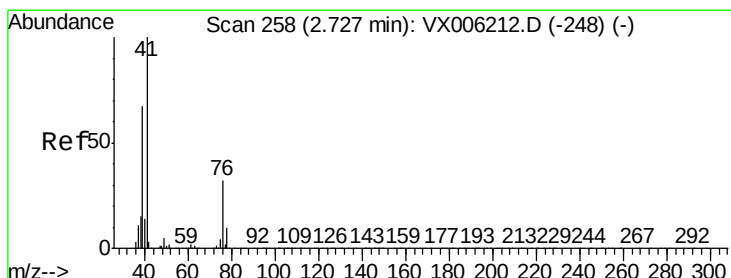
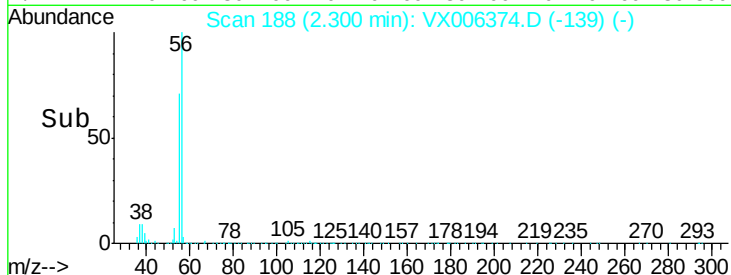
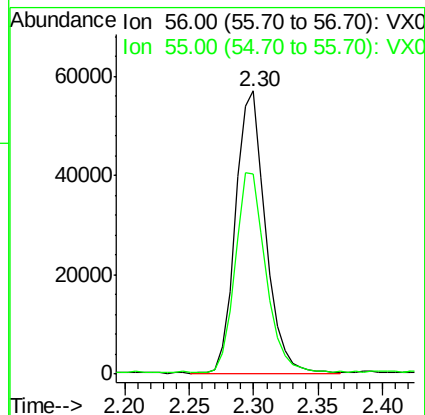
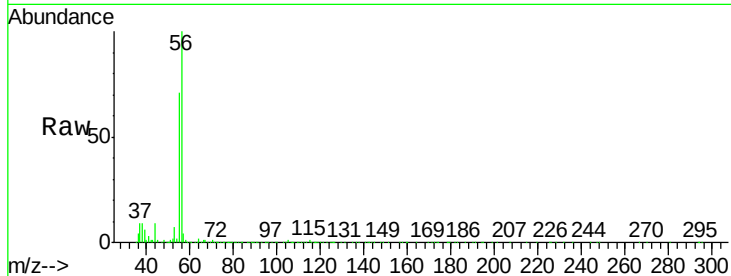
55 73.1 57.8 86.6

Manual Integrations

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#14

Allyl chloride

Concen: 17.461 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

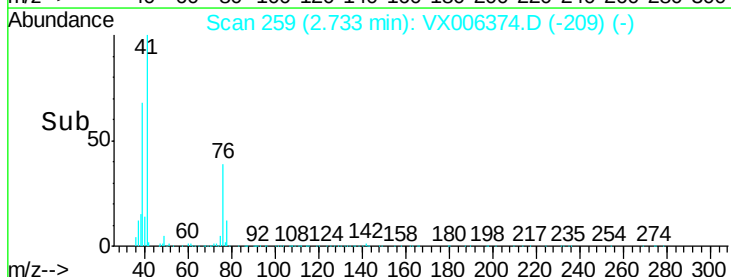
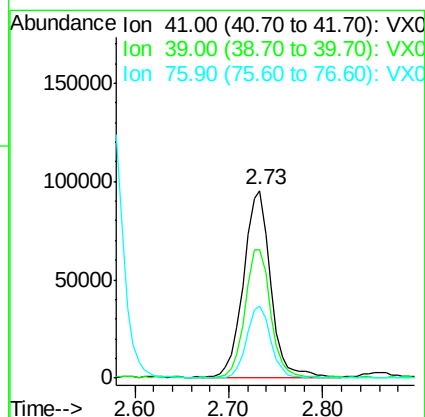
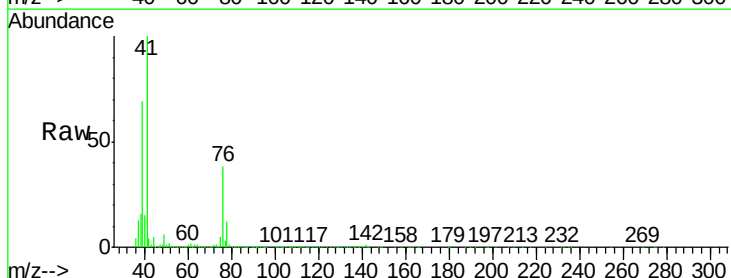
Tgt Ion: 41 Resp: 190524

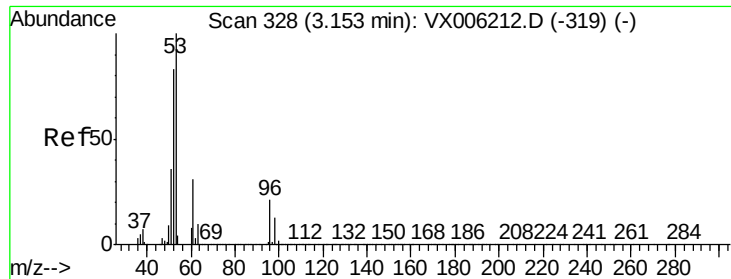
Ion Ratio Lower Upper

41 100

39 65.5 52.4 78.6

76 34.4 25.4 38.0





#15

Acrylonitrile

Concen: 97.754 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

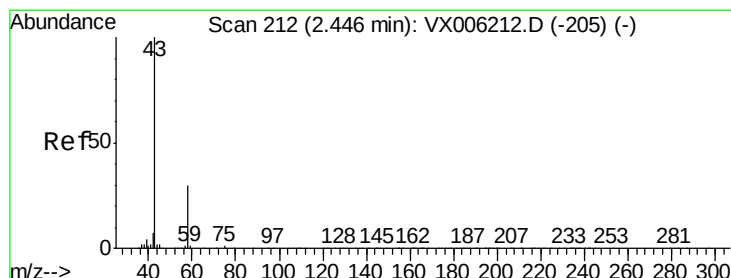
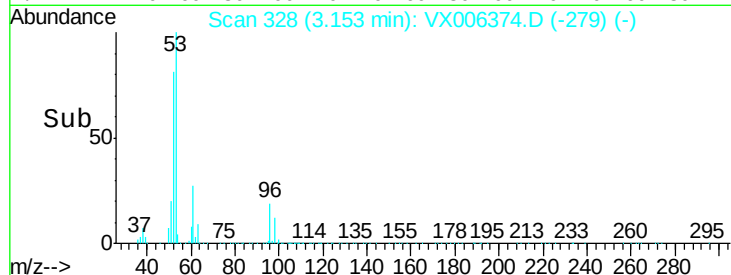
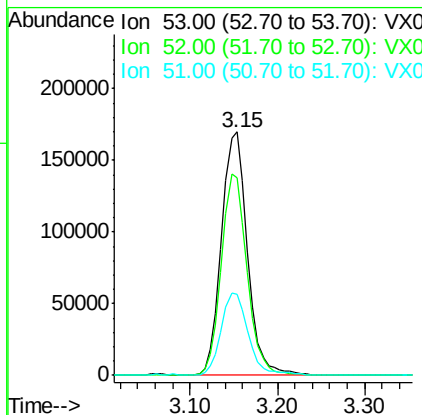
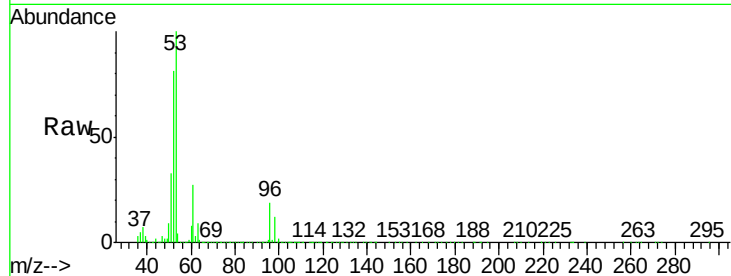
ClientSampleId :

VX1210WBSD01

Tot Ion:	53	Resp:	347640
Ion Ratio		Lower	Upper
53	100		
52	82.5	66.2	99.4
51	35.4	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 99.831 ug/l

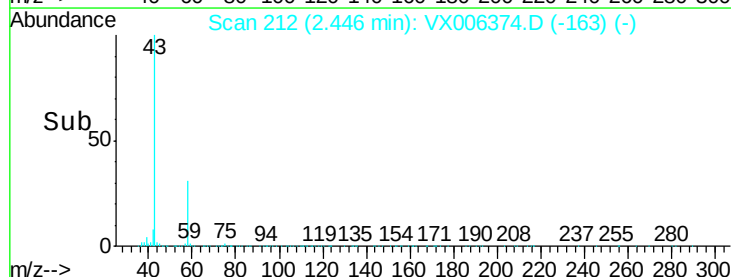
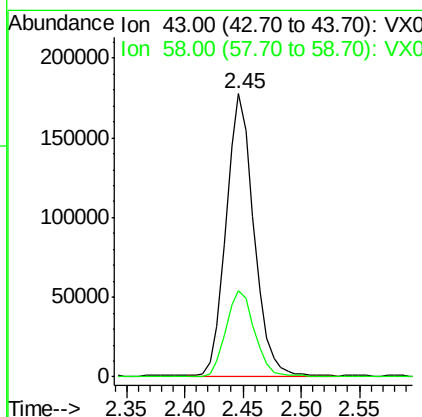
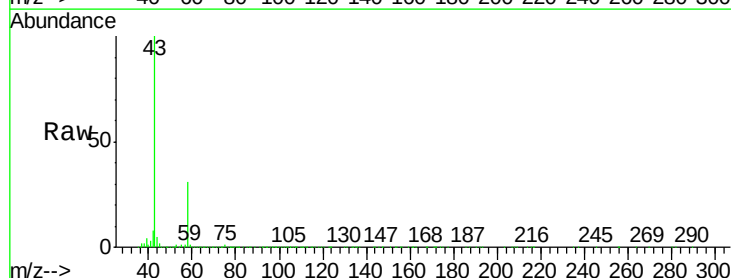
RT: 2.45 min Scan# 212

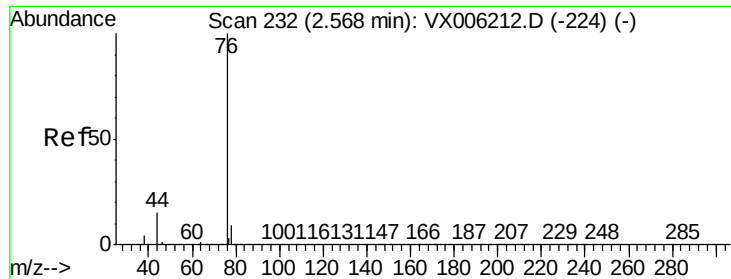
Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Tgt Ion:	43	Resp:	291953
Ion Ratio		Lower	Upper
43	100		
58	30.6	24.0	36.0





#17

Carbon Disulfide

Concen: 16.443 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Tot Ion: 76 Resp: 279879

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

Instrument :

MSVOA_X

ClientSampleId :

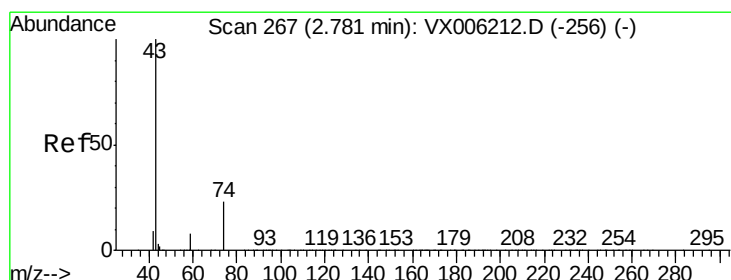
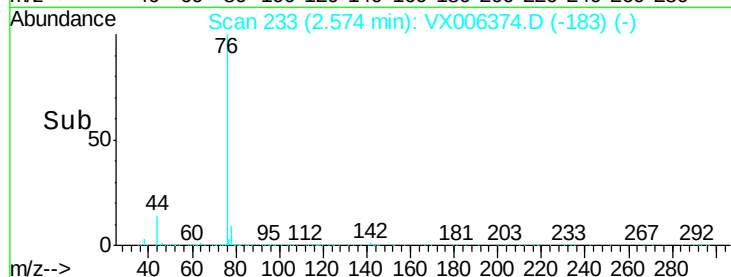
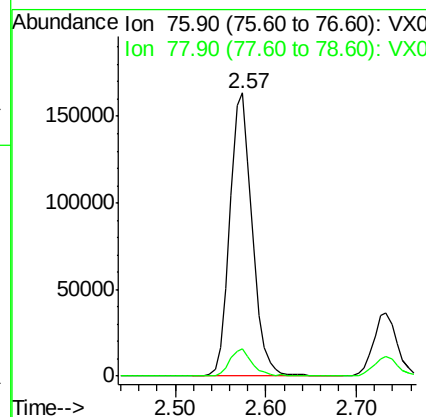
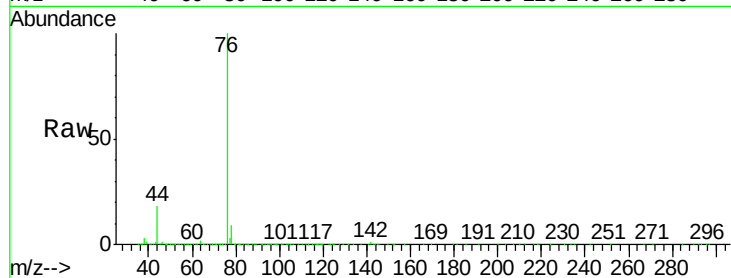
VX1210WBSD01

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#18

Methyl Acetate

Concen: 20.269 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006374.D

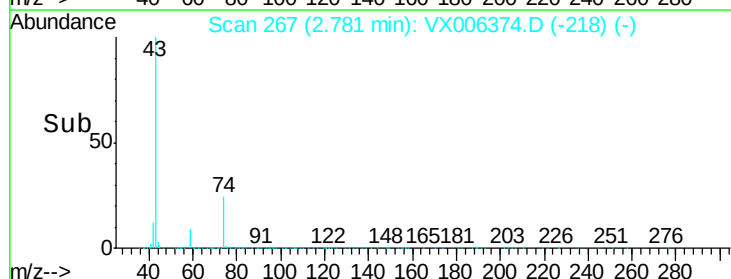
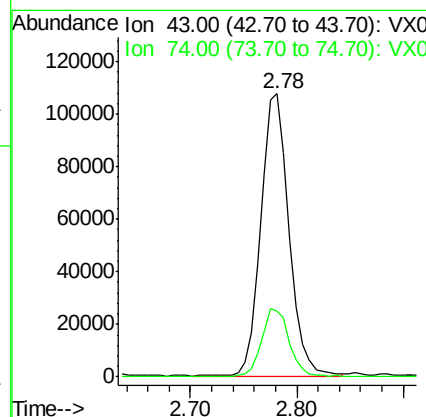
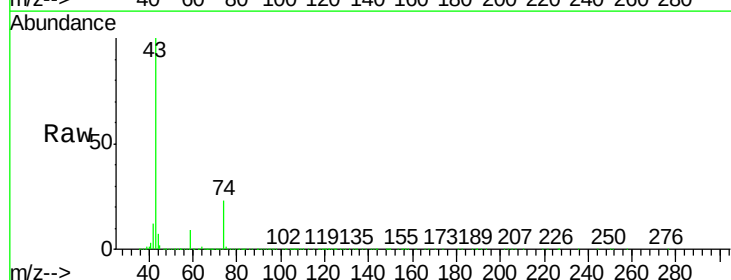
Acq: 10 Dec 2018 17:05

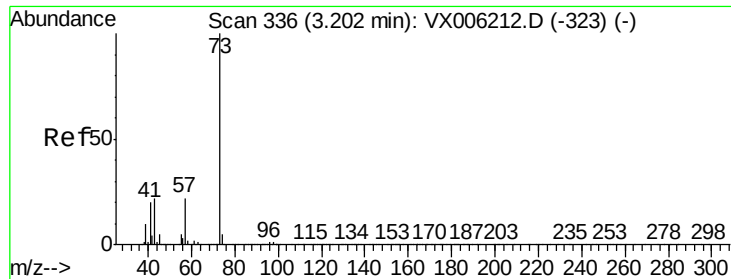
Tgt Ion: 43 Resp: 198231

Ion Ratio Lower Upper

43 100

74 24.0 17.9 26.9





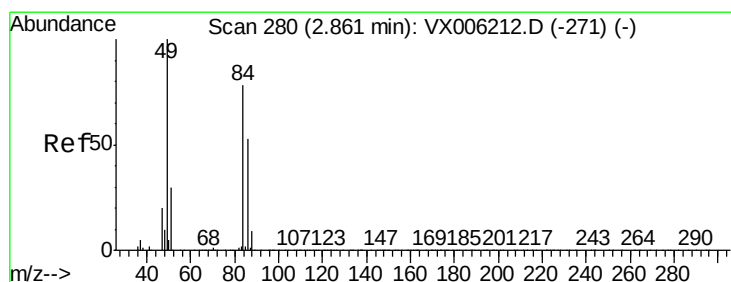
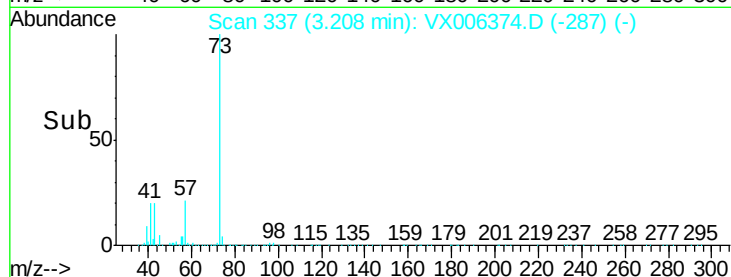
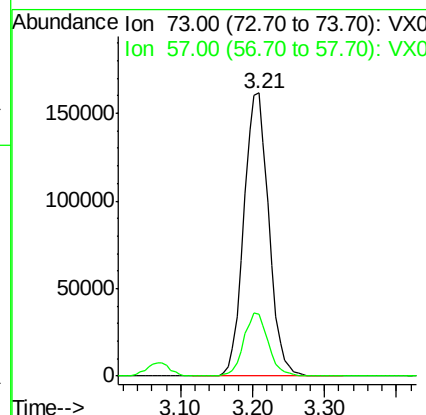
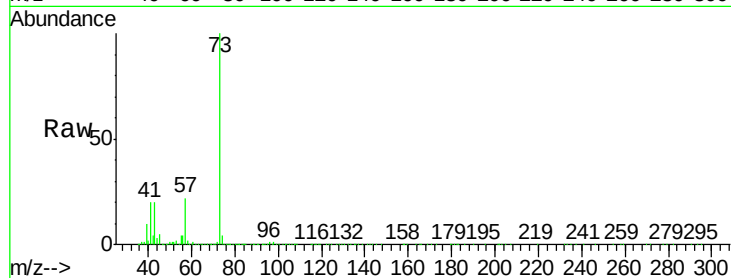
#19
Methyl tert-butyl Ether
Concen: 19.660 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.5	26.3

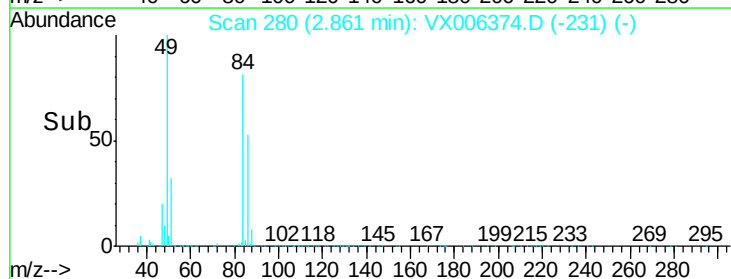
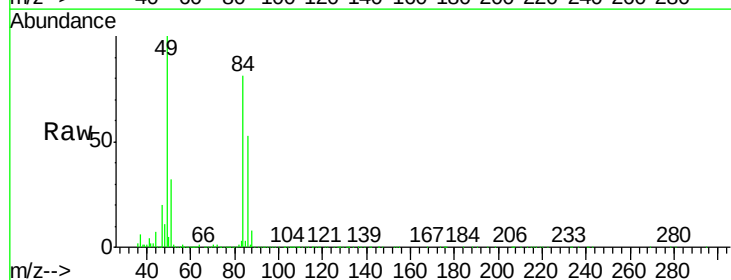
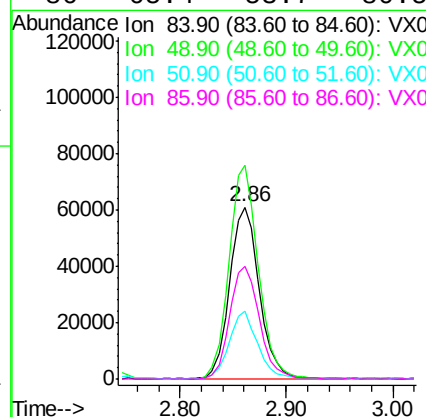
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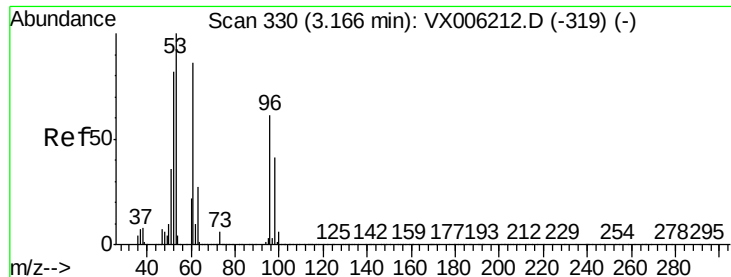
MMDadoda
12/11/2018 10:54:48 AM



#20
Methylene Chloride
Concen: 19.123 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.8	102.2	153.4
51	39.4	31.1	46.7
86	65.4	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 19.057 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

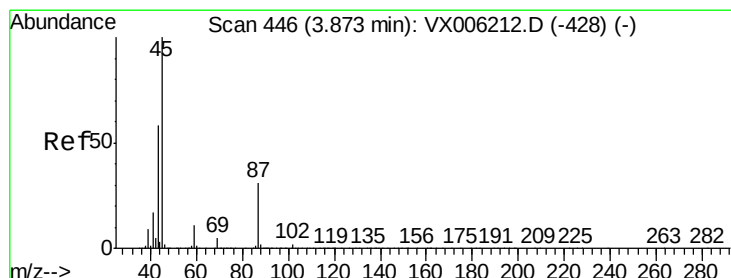
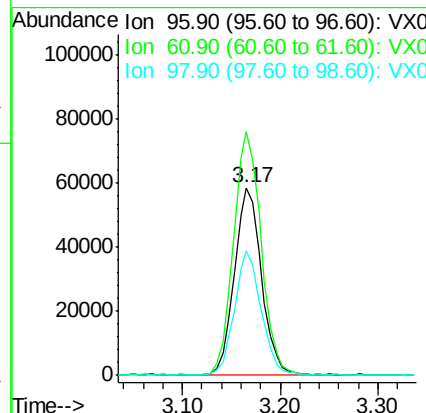
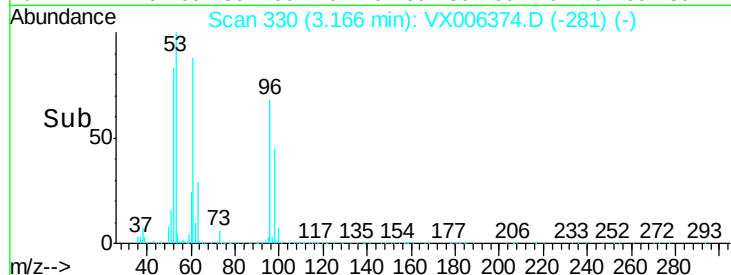
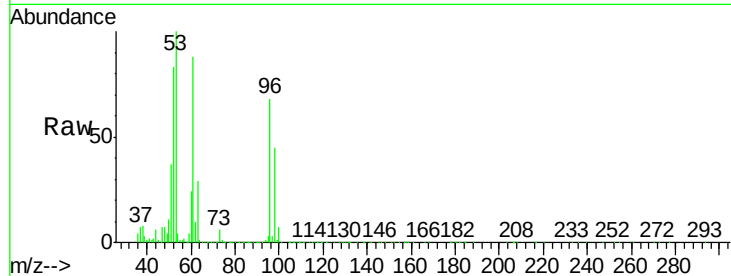
ClientSampleId :

VX1210WBSD01

Tot Ion:	96	Resp:	112175
Ion Ratio	Lower	Upper	
96	100		
61	129.9	113.3	169.9
98	66.0	53.2	79.8

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#22

Diisopropyl ether

Concen: 20.285 ug/l

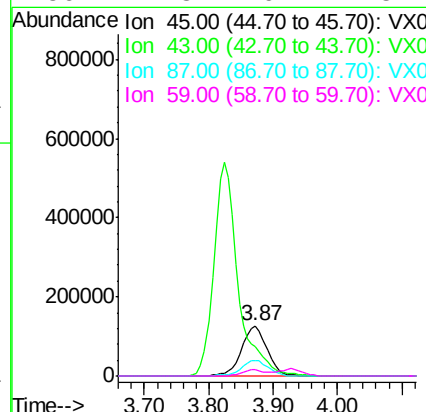
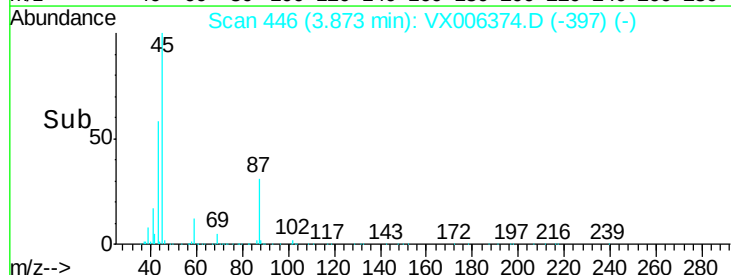
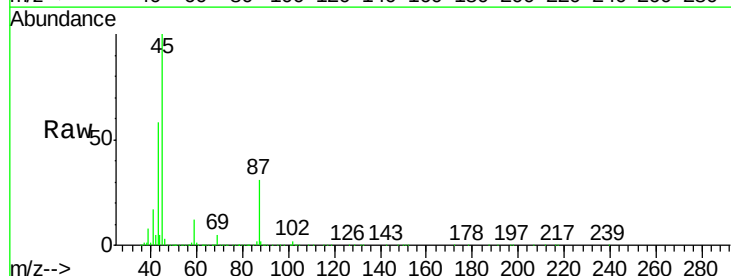
RT: 3.87 min Scan# 446

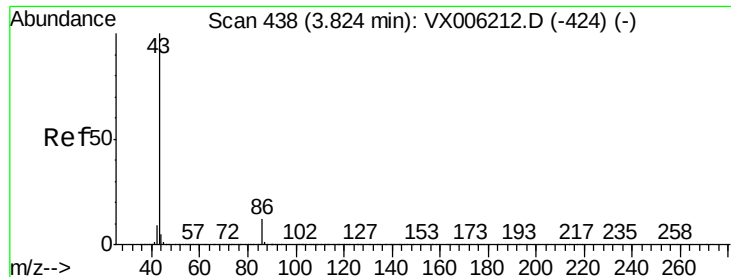
Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Tgt Ion:	45	Resp:	345719
Ion Ratio	Lower	Upper	
45	100		
43	57.6	46.2	69.2
87	30.5	24.9	37.3
59	11.8	9.1	13.7





#23

Vinyl Acetate

Concen: 97.727 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion: 43 Resp: 1420610

Ion Ratio Lower Upper

43 100

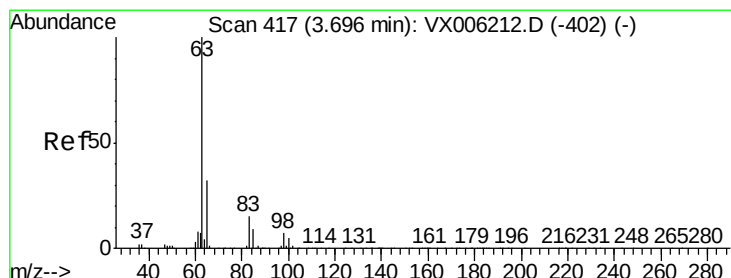
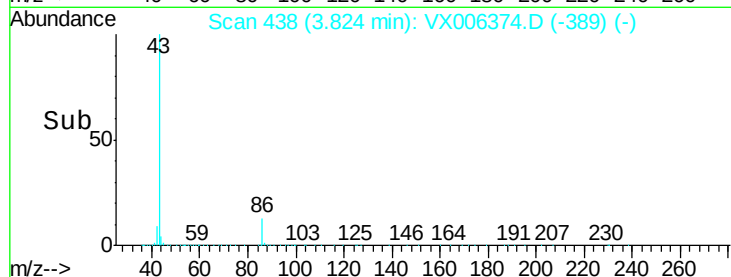
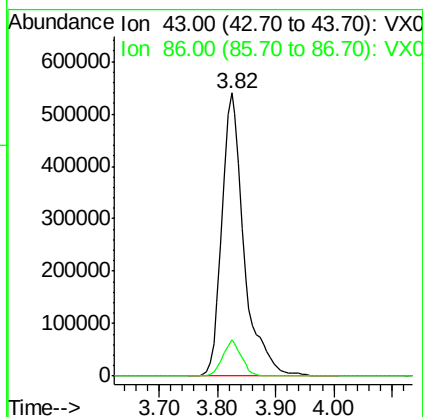
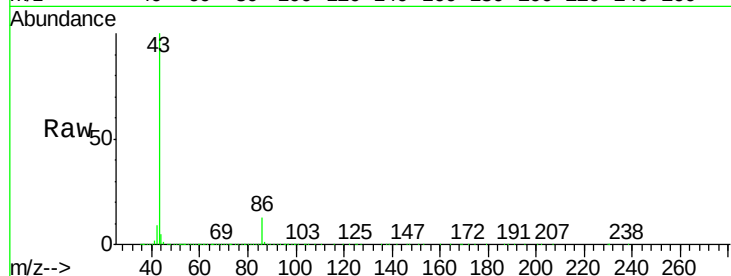
86 12.8 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 20.252 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

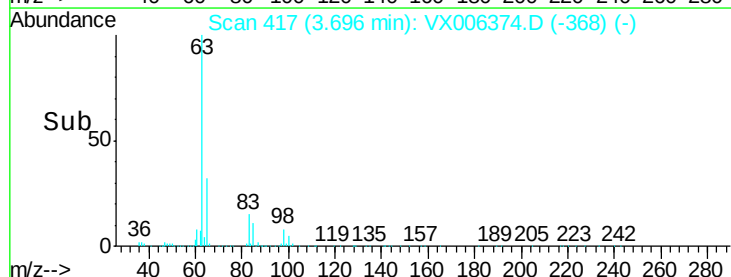
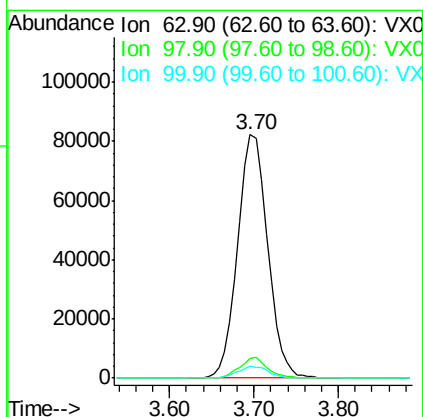
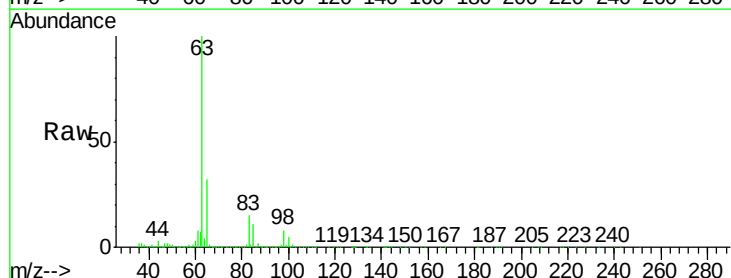
Tgt Ion: 63 Resp: 197287

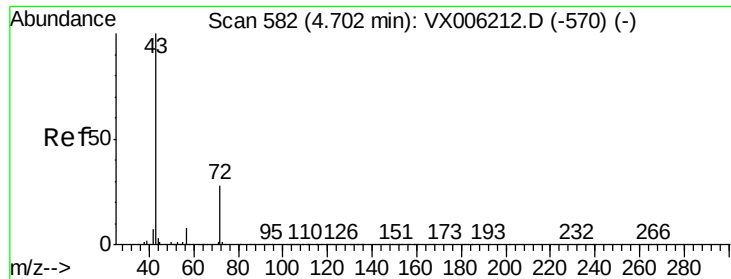
Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.4

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 101.186 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion: 43 Resp: 422228

Ion Ratio Lower Upper

43 100

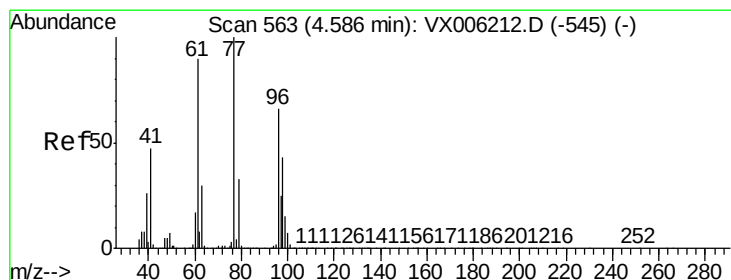
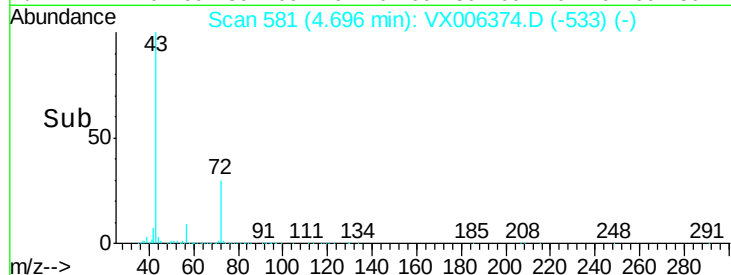
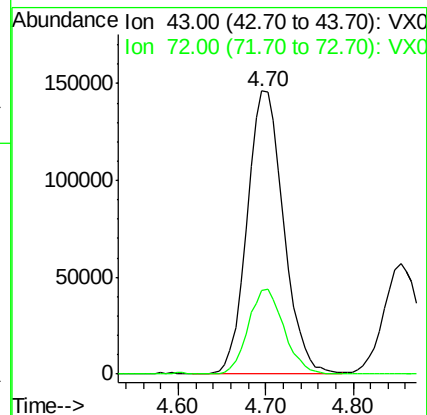
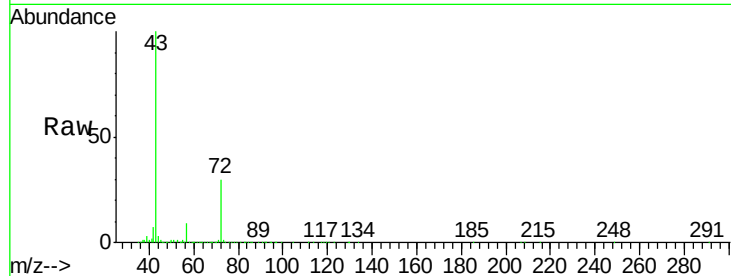
72 29.4 22.6 33.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.081 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006374.D

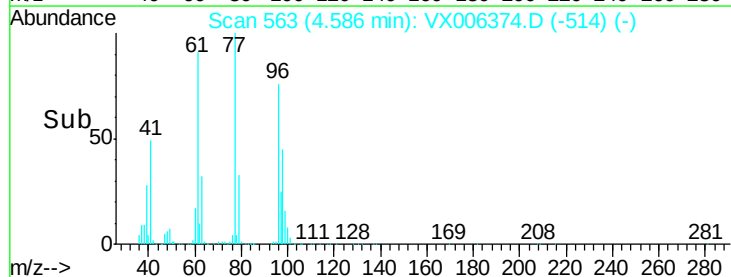
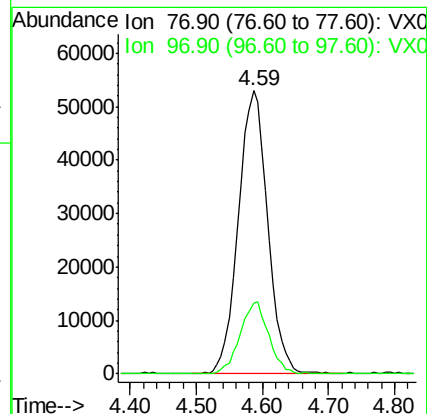
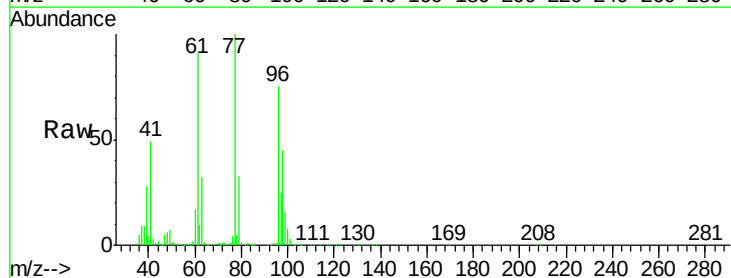
Acq: 10 Dec 2018 17:05

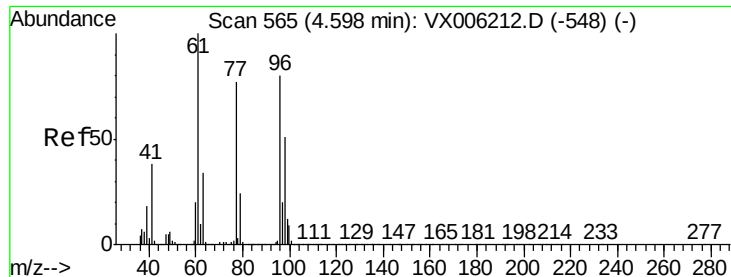
Tgt Ion: 77 Resp: 162555

Ion Ratio Lower Upper

77 100

97 25.0 12.3 36.8





#27

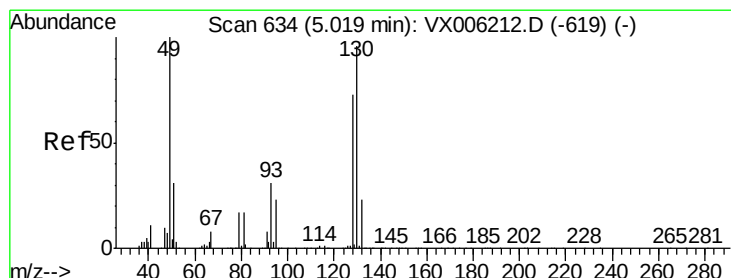
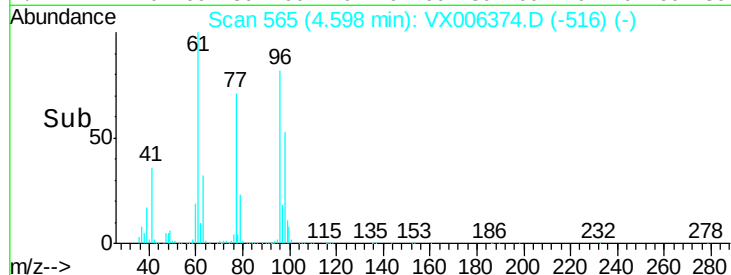
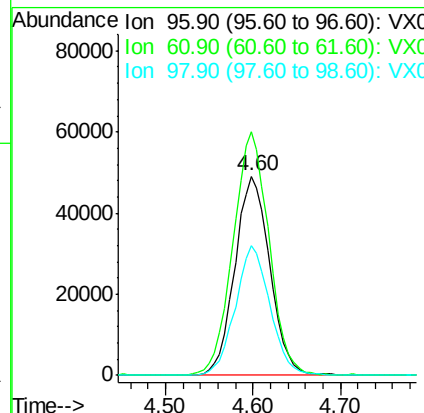
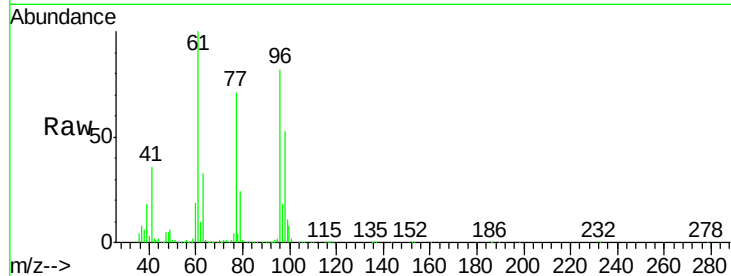
cis-1,2-Dichloroethene
Concen: 20.779 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.7	0.0	265.0
98	64.6	0.0	130.2

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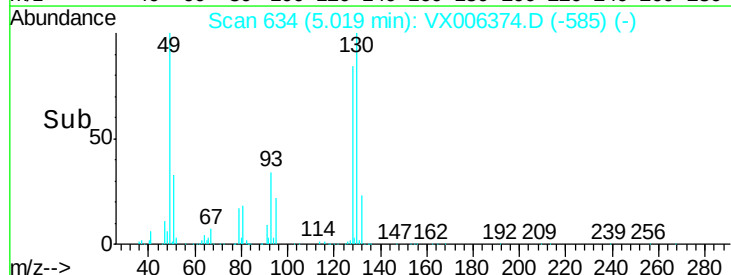
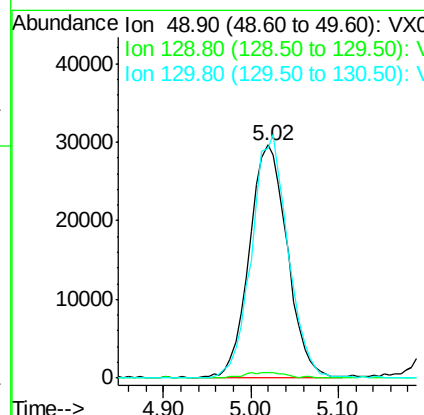
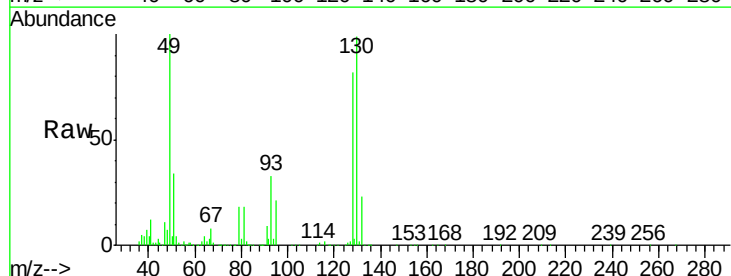
MMDadoda
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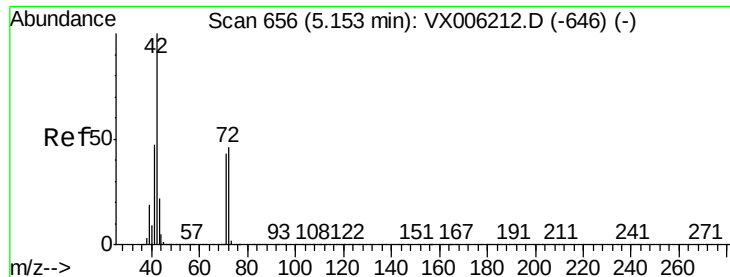


#28

Bromochloromethane
Concen: 20.990 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	100.4	78.3	117.5





#29

Tetrahydrofuran

Concen: 98.171 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

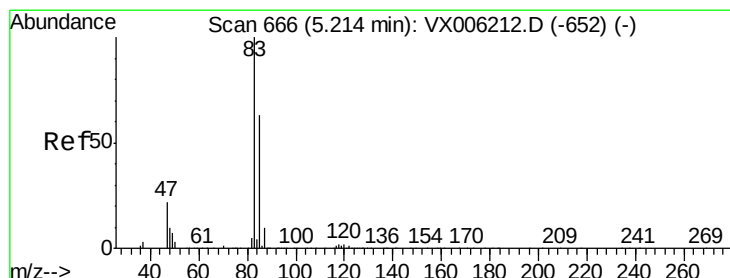
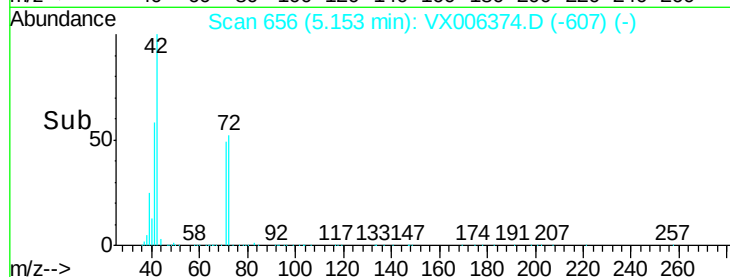
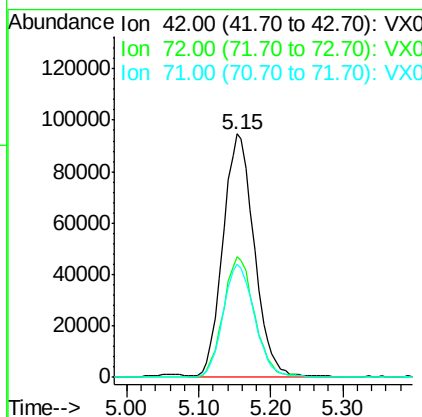
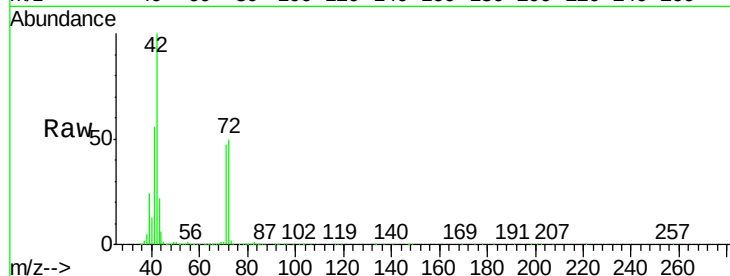
ClientSampleId :

VX1210WBSD01

Tot Ion:	42	Resp:	284706
Ion Ratio		Lower	Upper
42	100		
72	49.8	37.8	56.8
71	46.9	35.2	52.8

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#30

Chloroform

Concen: 20.764 ug/l

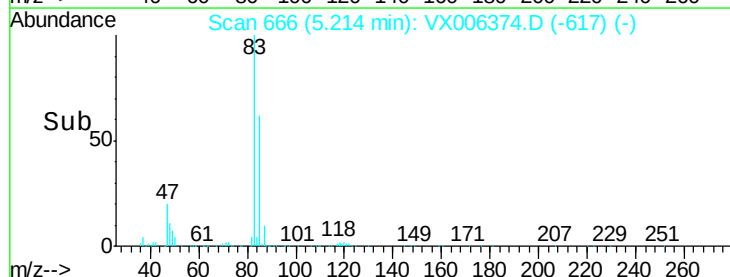
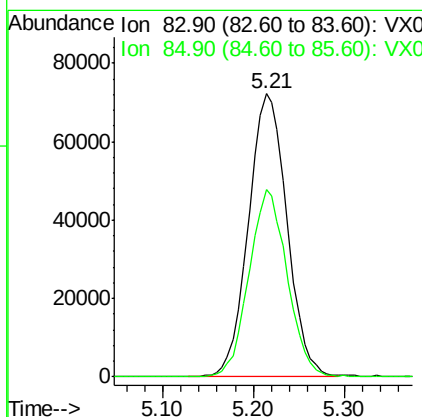
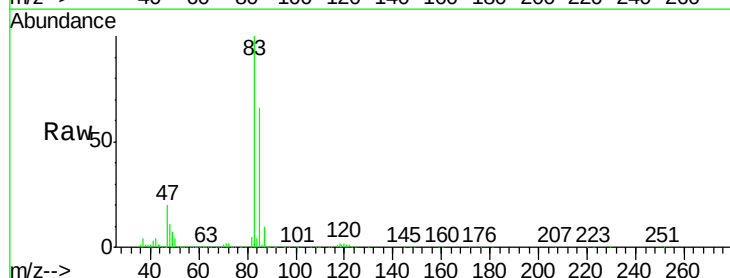
RT: 5.21 min Scan# 666

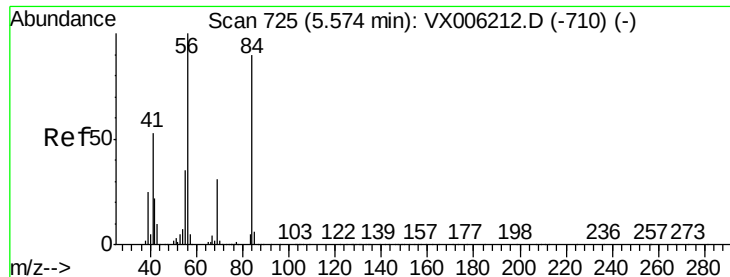
Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Tgt Ion:	83	Resp:	212559
Ion Ratio		Lower	Upper
83	100		
85	66.3	50.3	75.5





#31

Cyclohexane

Concen: 18.452 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

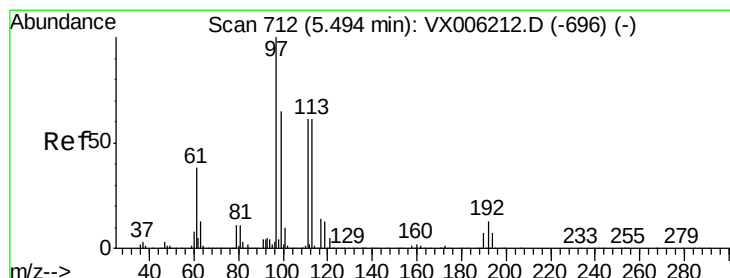
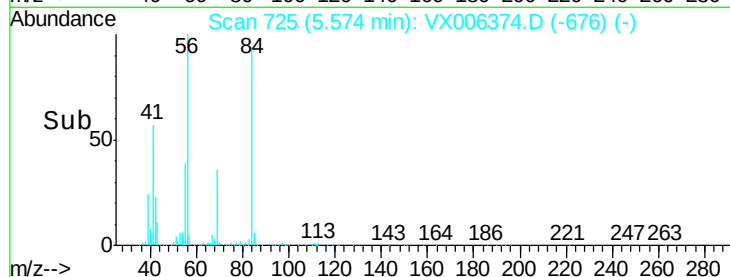
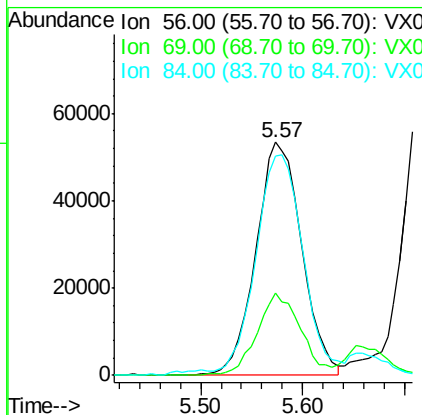
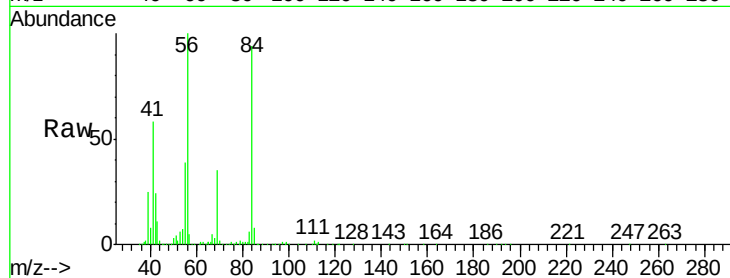
ClientSampleId :

VX1210WBSD01

Tot Ion:	56	Resp:	166116
Ion Ratio		Lower	Upper
56	100		
69	35.4	24.5	36.7
84	92.3	71.8	107.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.106 ug/l

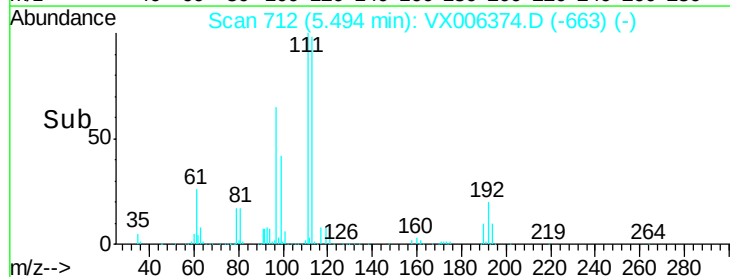
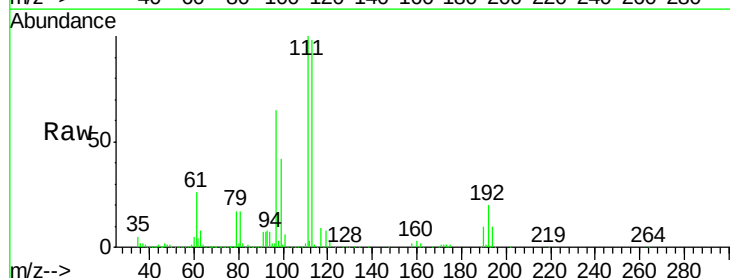
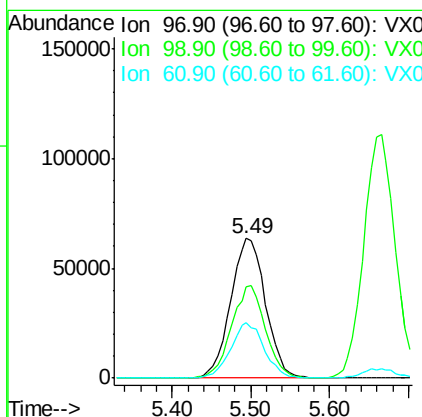
RT: 5.49 min Scan# 712

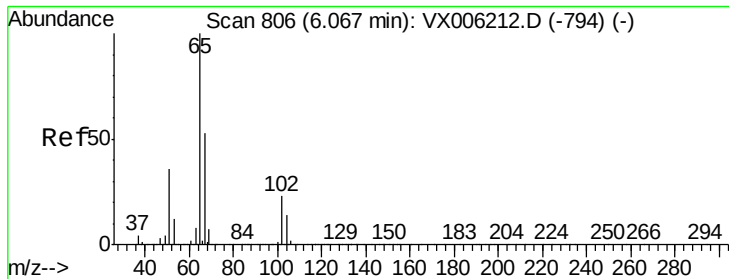
Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Tgt Ion:	97	Resp:	195834
Ion Ratio		Lower	Upper
97	100		
99	64.2	51.6	77.4
61	38.4	30.6	46.0





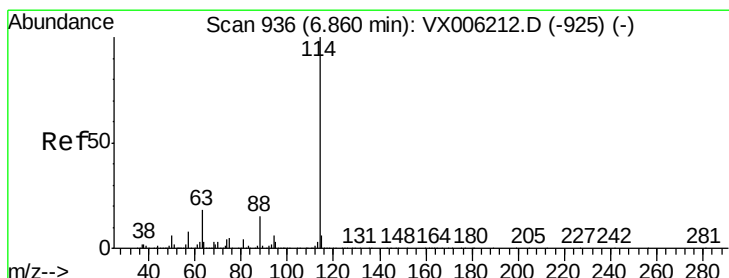
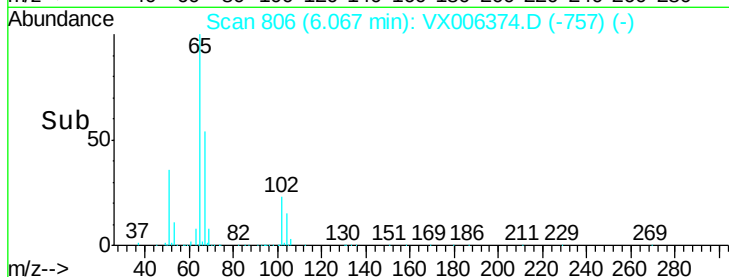
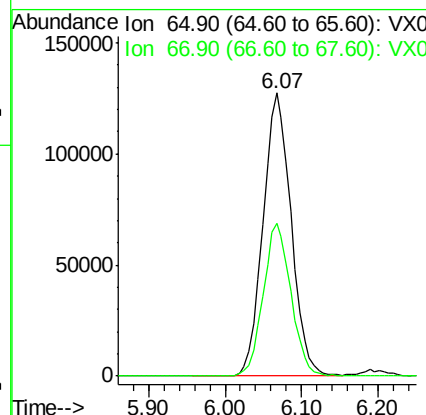
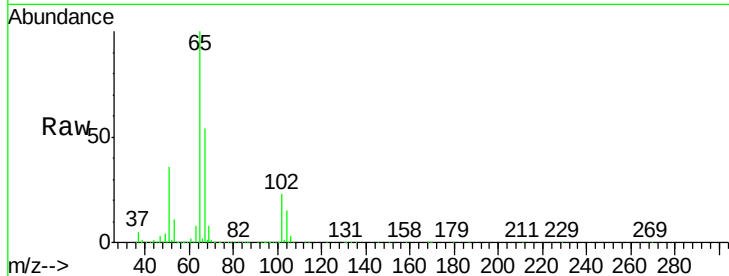
#33
 1,2-Dichloroethane-d4
 Concen: 52.402 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006374.D
 Acq: 10 Dec 2018 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	326554		
67	52.9	0.0	107.2	

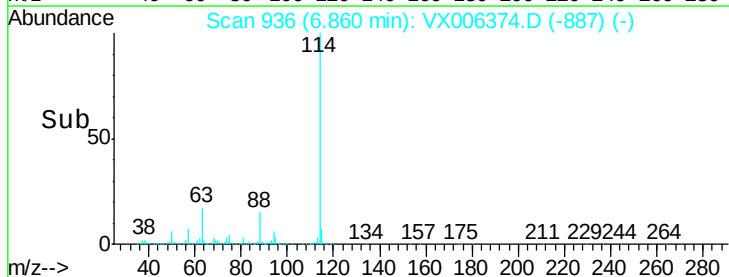
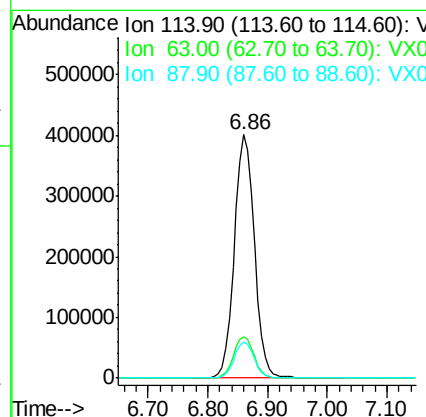
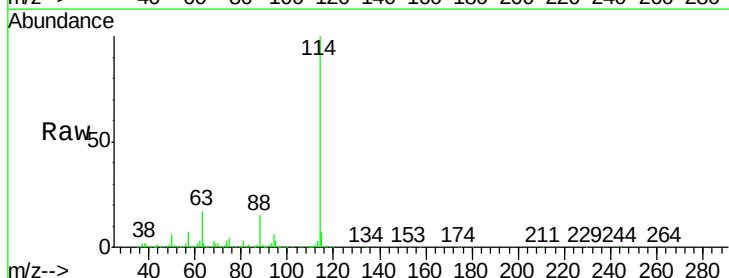
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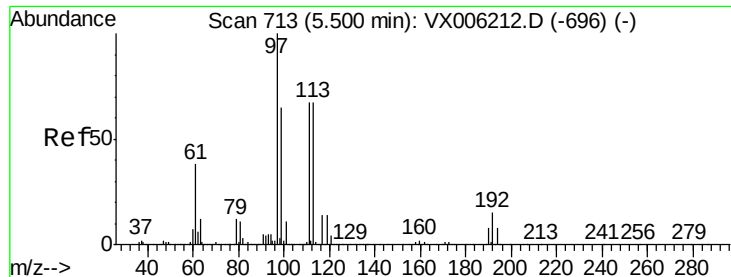
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006374.D
 Acq: 10 Dec 2018 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	939525		
63	17.0	0.0	36.6	
88	14.7	0.0	29.0	





#35

Dibromofluoromethane

Concen: 50.805 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

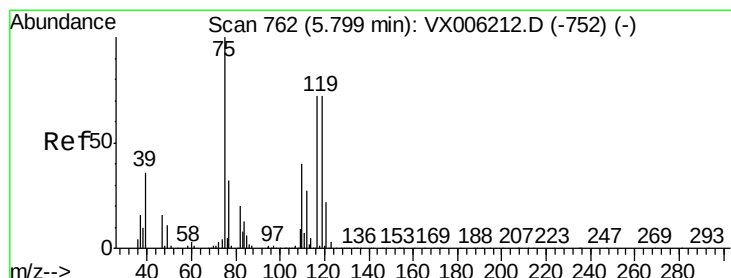
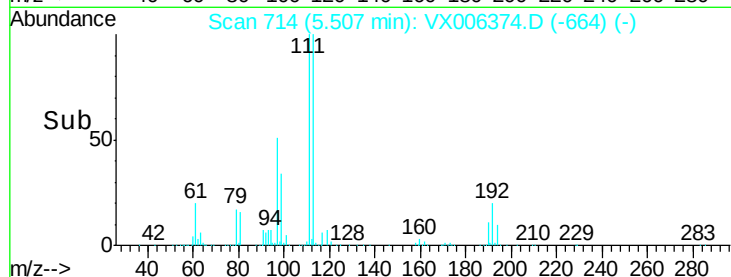
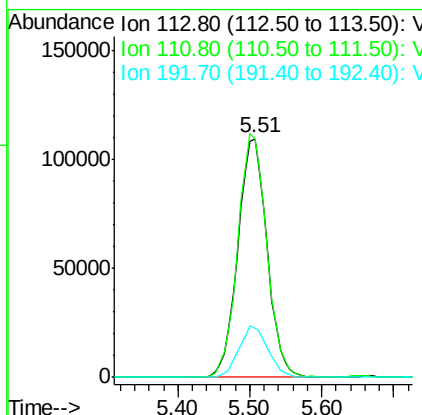
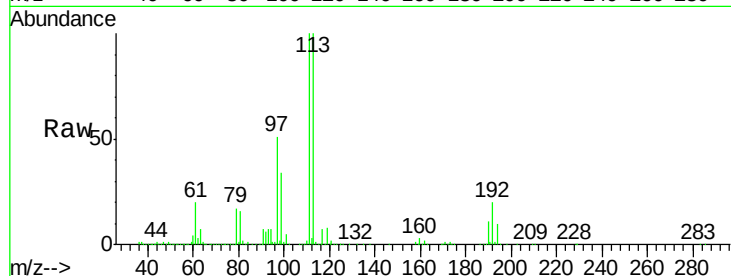
ClientSampleId :

VX1210WBSD01

Tot Ion:	113	Resp:	309048
Ion Ratio	Lower	Upper	
113	100		
111	101.3	81.1	121.7
192	21.5	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 18.815 ug/l

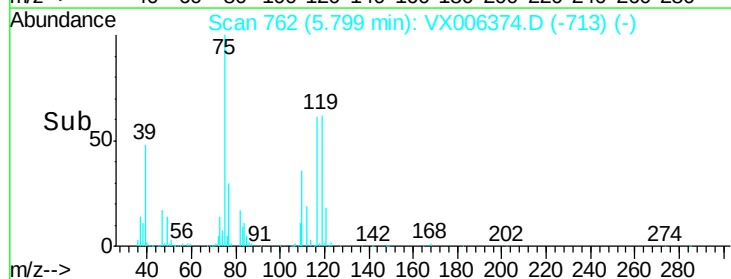
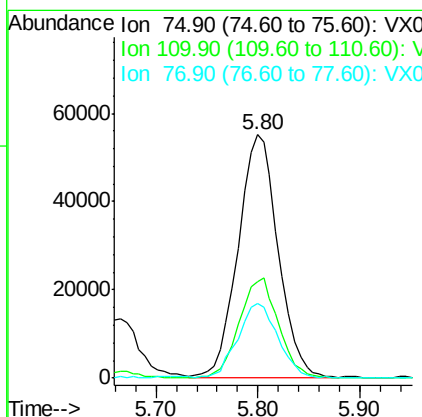
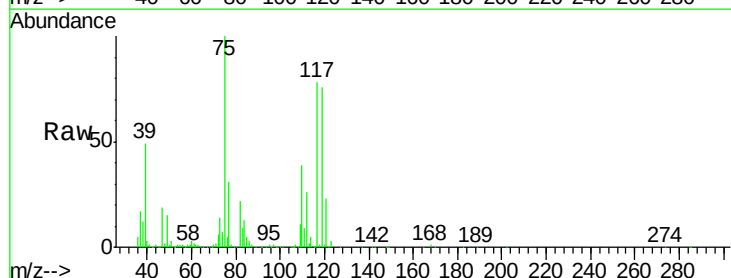
RT: 5.80 min Scan# 762

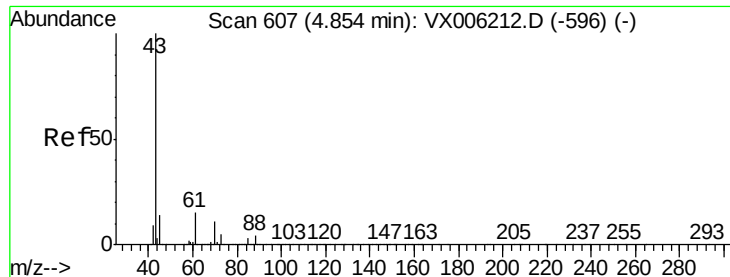
Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Tgt Ion:	75	Resp:	148862
Ion Ratio	Lower	Upper	
75	100		
110	41.0	20.4	61.3
77	31.0	24.9	37.3





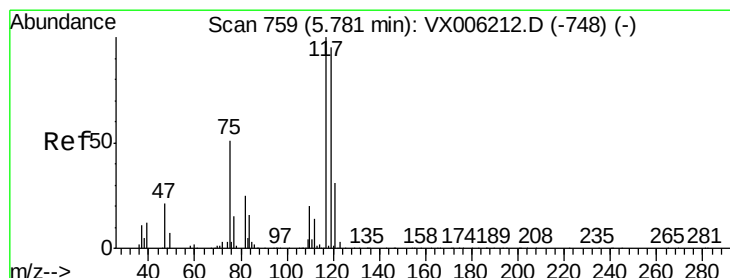
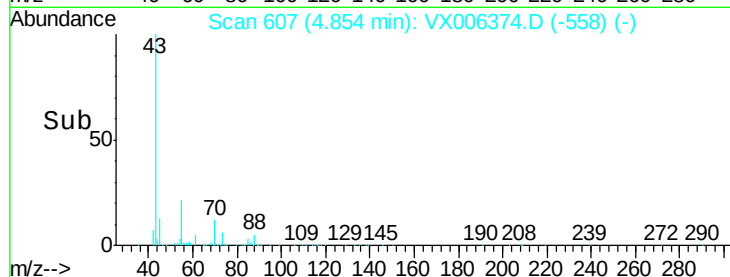
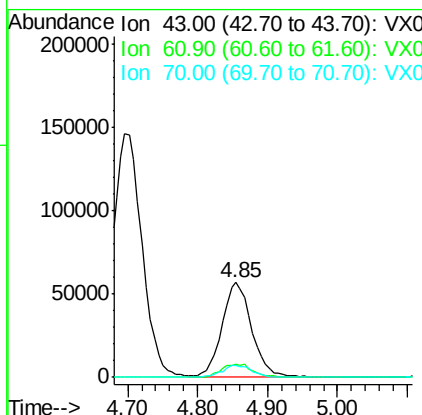
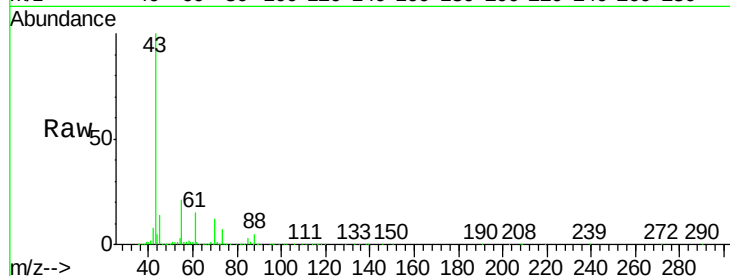
#37
Ethyl Acetate
Concen: 18.732 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.5	17.3
70	12.3	9.0	13.6

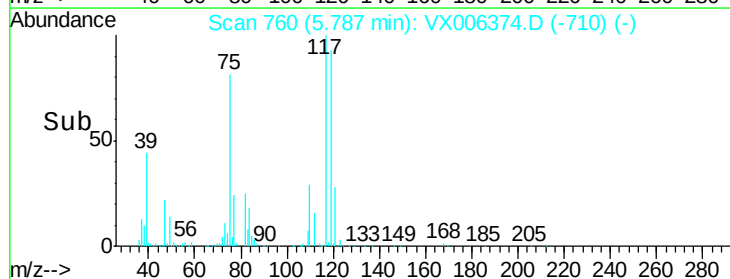
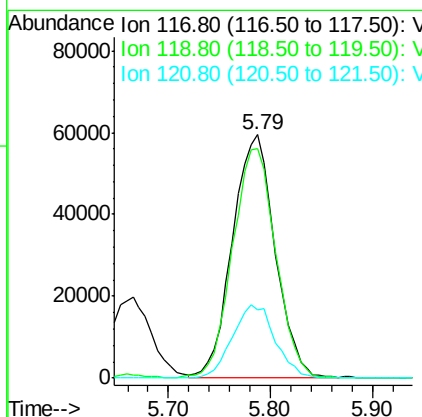
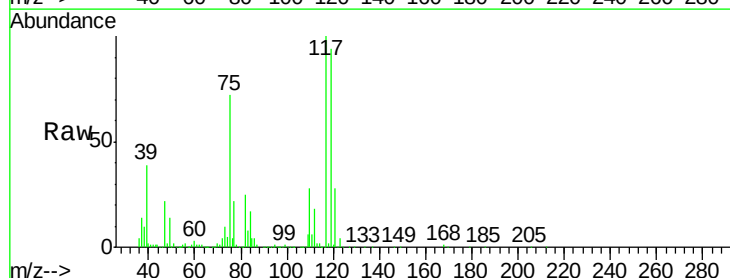
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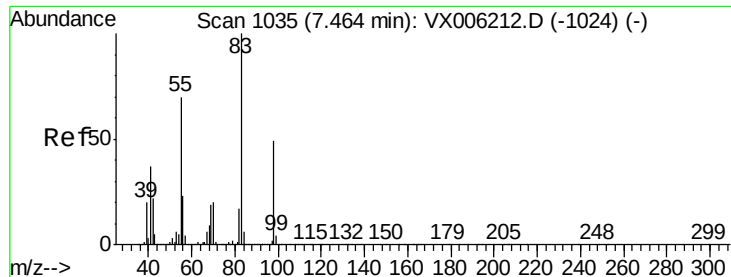
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#38
Carbon Tetrachloride
Concen: 18.499 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.8	113.8
121	28.2	24.6	37.0





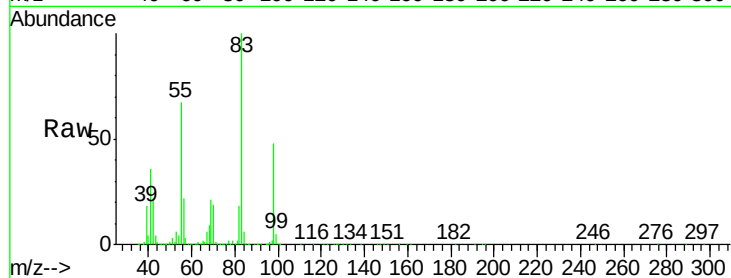
#39
Methylvlcyclohexane
Concen: 18.318 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	188118		
55	66.7	56.4	84.6	
98	48.1	39.0	58.6	

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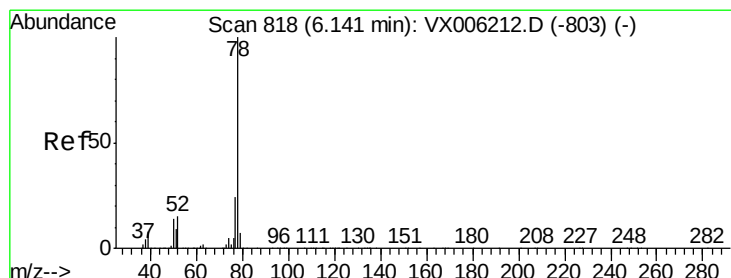
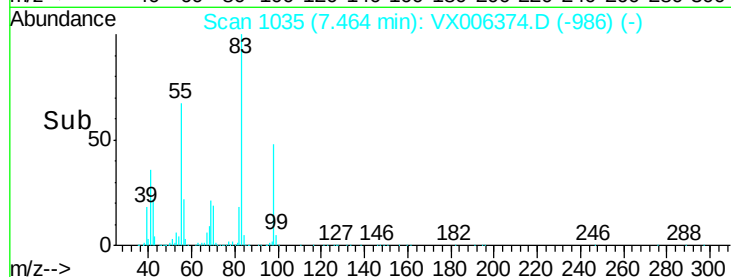
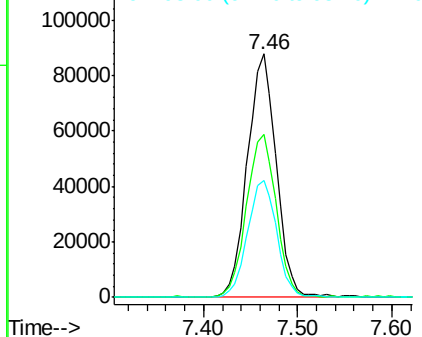


Abundance

Ion 83.00 (82.70 to 83.70): VX0

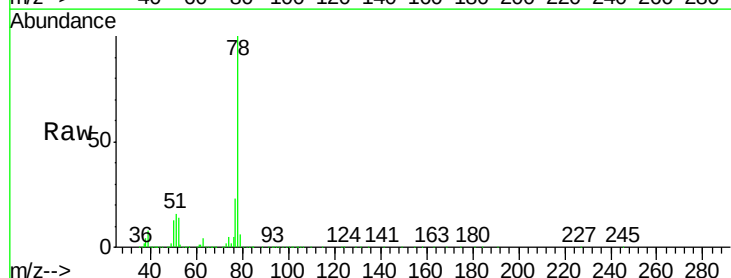
Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40
Benzene
Concen: 19.830 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

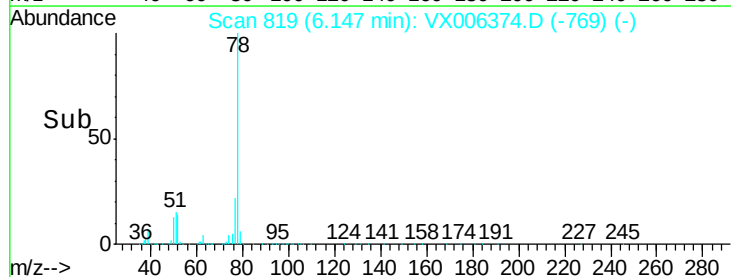
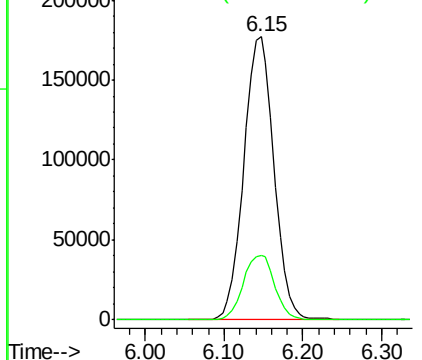
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	469898		
77	22.6	19.2	28.8	

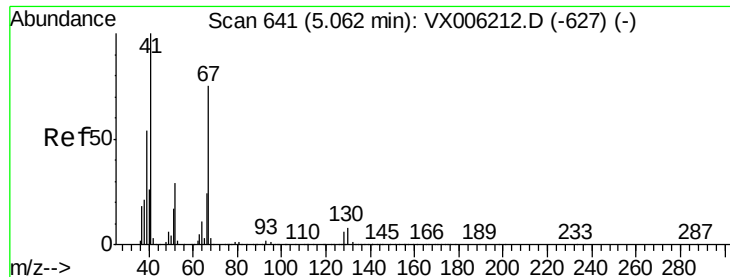


Abundance

Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 18.465 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

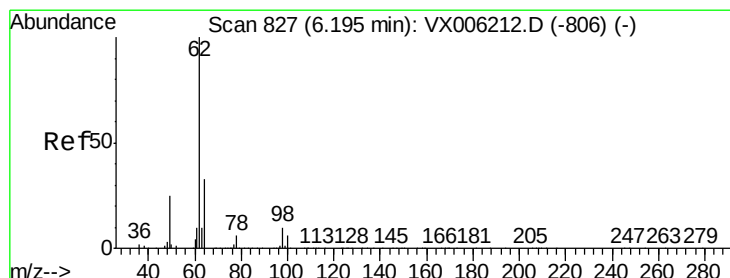
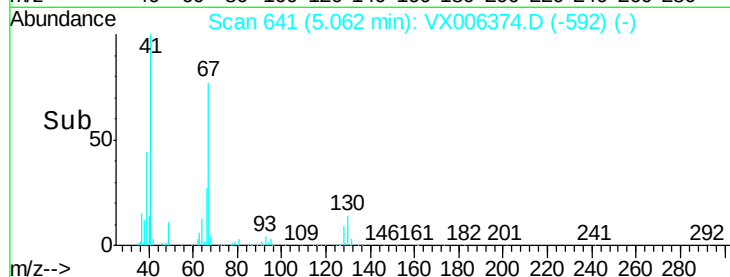
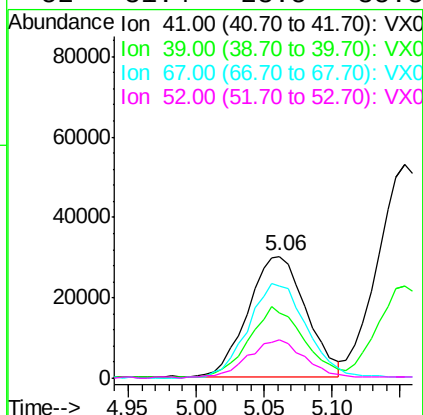
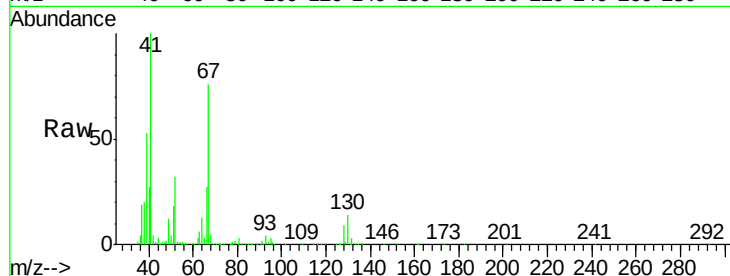
ClientSampleId :

VX1210WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.9	44.0	66.0	
67	79.3	61.4	92.0	
52	31.4	23.5	35.3	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.065 ug/l

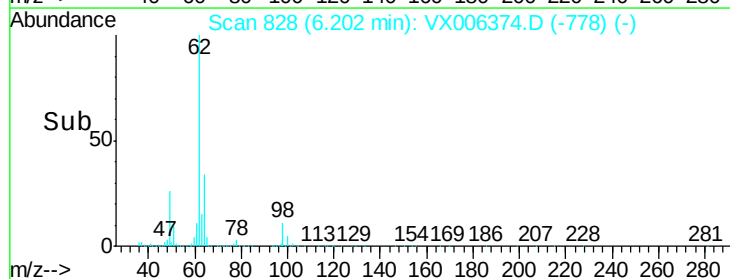
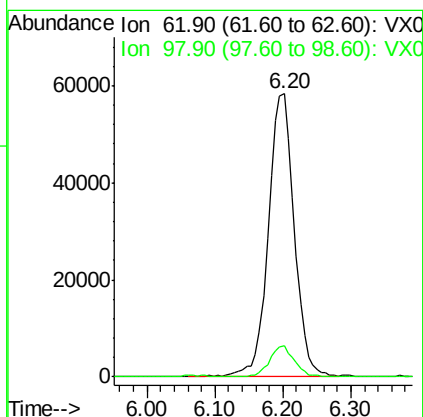
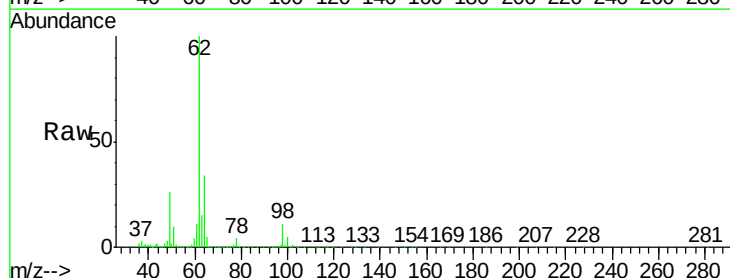
RT: 6.20 min Scan# 828

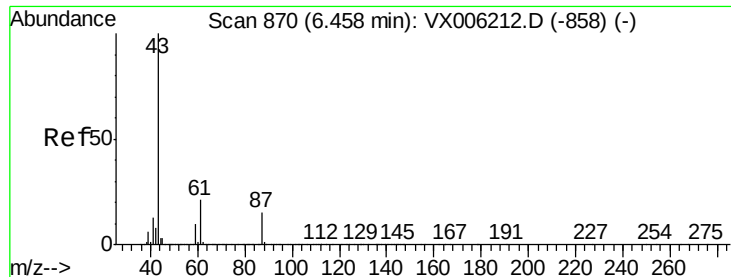
Delta R.T. 0.01 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	20.2	





#43

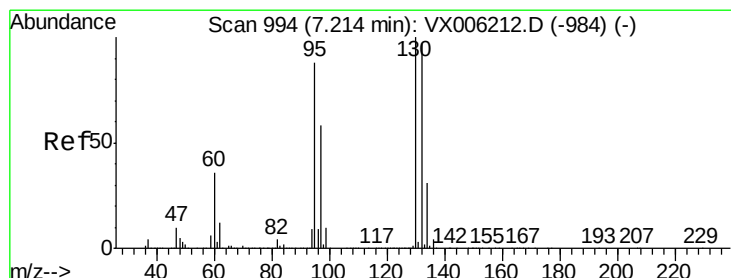
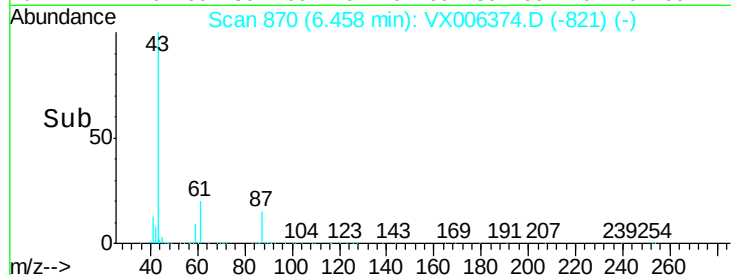
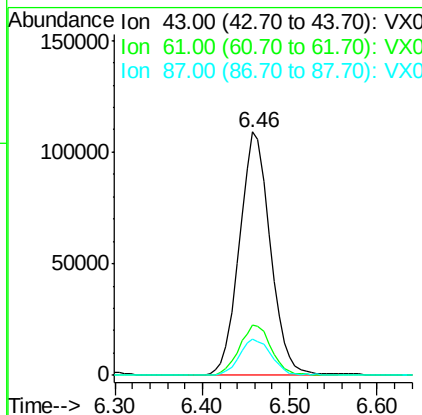
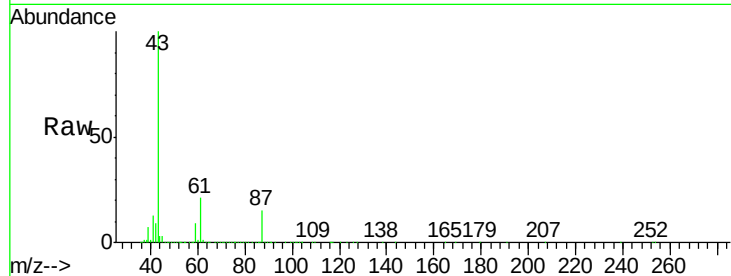
Isopropyl Acetate
 Concen: 17.994 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006374.D
 Acq: 10 Dec 2018 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.4	16.8	25.2
87	15.4	11.9	17.9

Manual Integrations
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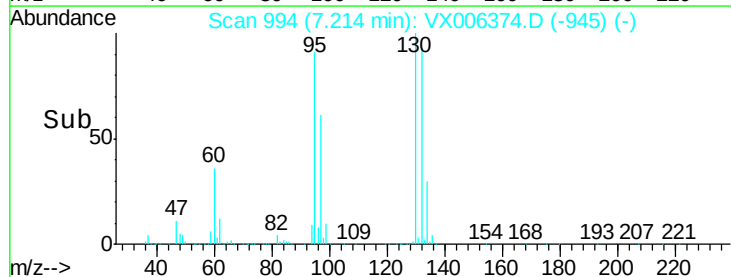
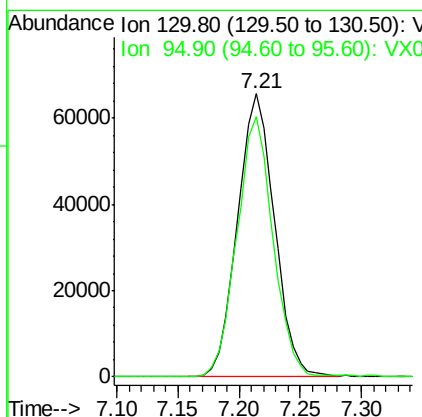
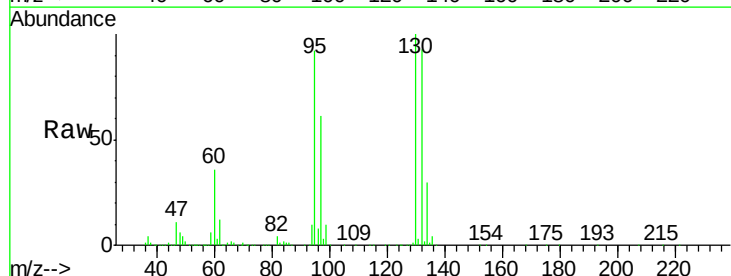
MMDadoda
 12/11/2018 10:54:48 AM

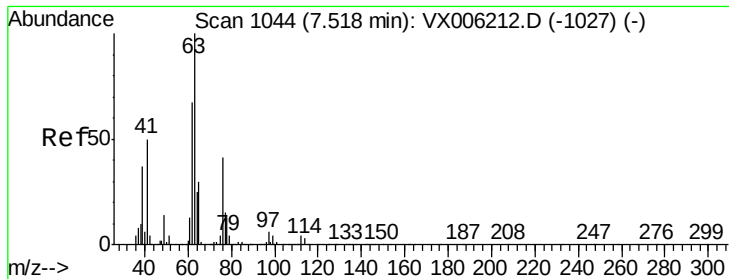


#44

Trichloroethene
 Concen: 19.200 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006374.D
 Acq: 10 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	175.8





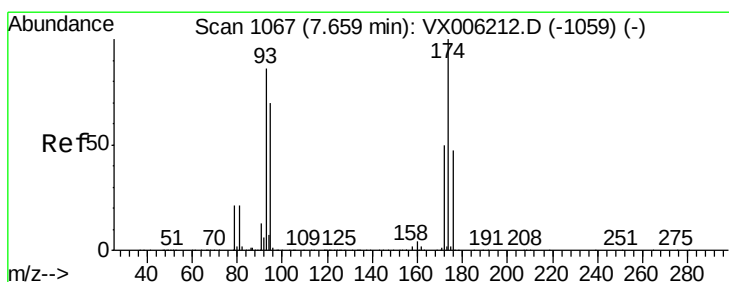
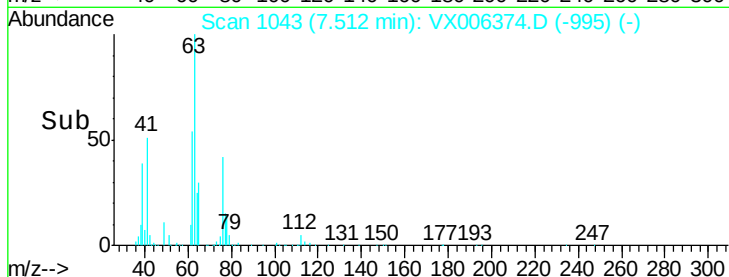
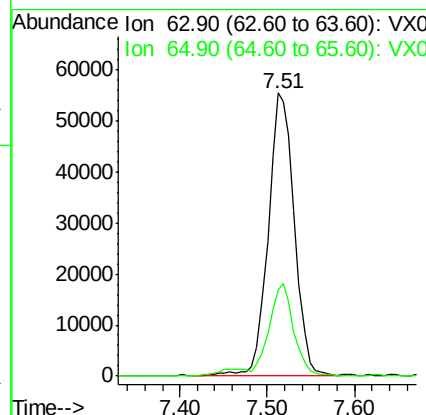
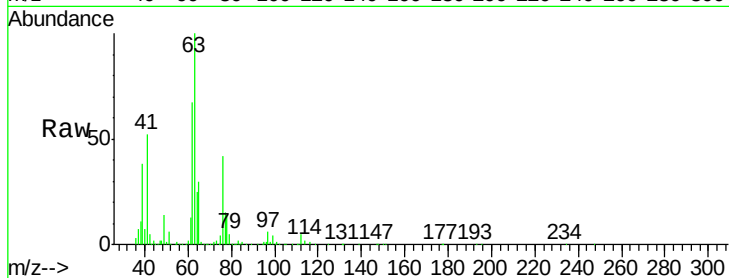
#45
 1,2-Dichloropropane
 Concen: 19.111 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX006374.D
 Acq: 10 Dec 2018 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.3	36.5

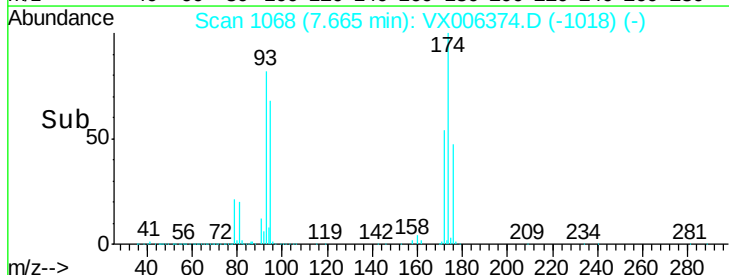
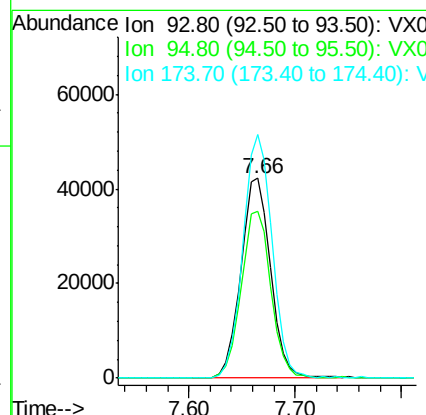
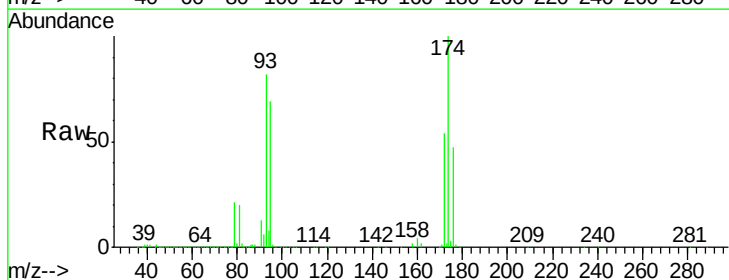
Manual Integrations
 APPROVED

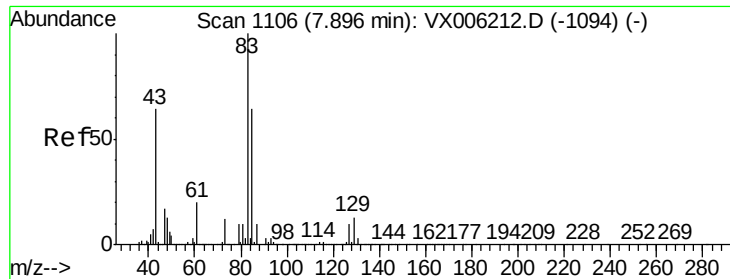
MMDadoda
 12/11/2018 10:54:48 AM



#46
 Dibromomethane
 Concen: 19.131 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006374.D
 Acq: 10 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	66.2	99.4
174	119.3	97.2	145.8





#47

Bromodichloromethane

Concen: 18.738 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

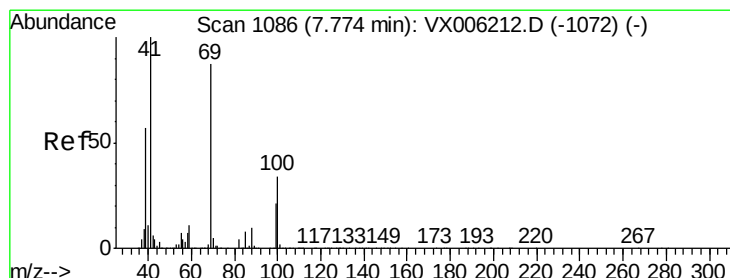
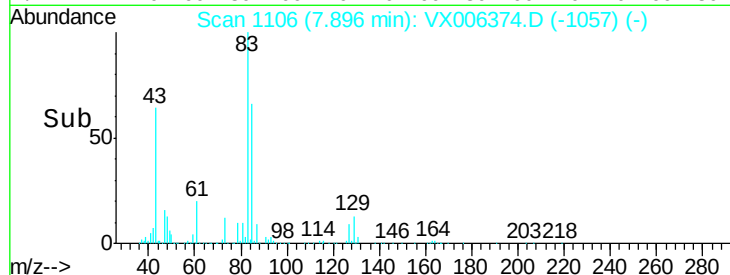
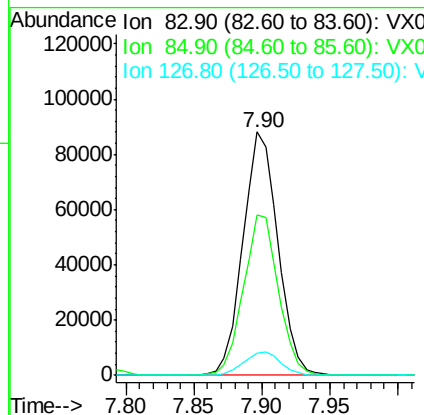
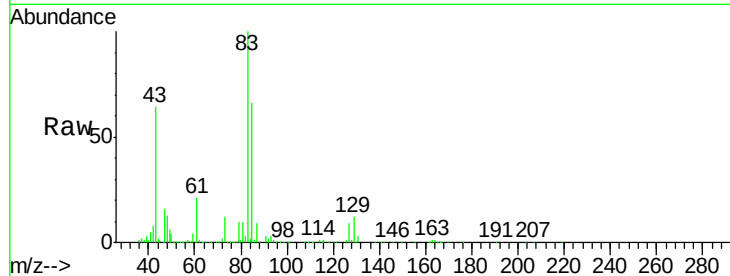
ClientSampleId :

VX1210WBSD01

Tot Ion:	83	Resp:	157836
Ion Ratio	Lower	Upper	
83	100		
85	66.0	51.4	77.0
127	9.2	7.9	11.9

Manual Integrations
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12/11/2018 10:54:48 AM



#48

Methyl methacrylate

Concen: 18.461 ug/l

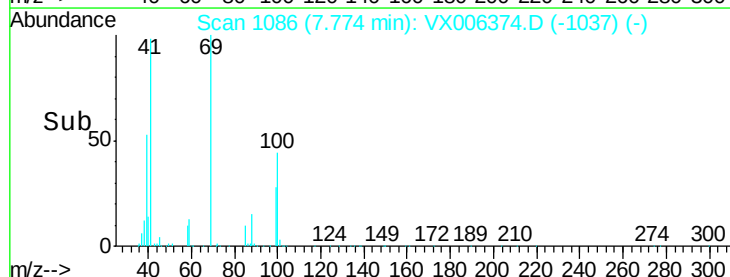
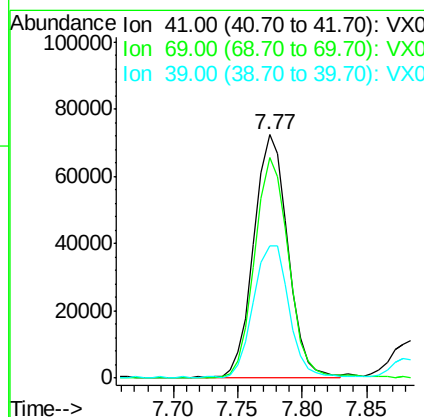
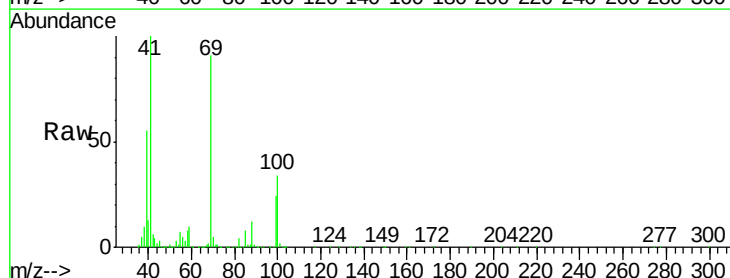
RT: 7.77 min Scan# 1086

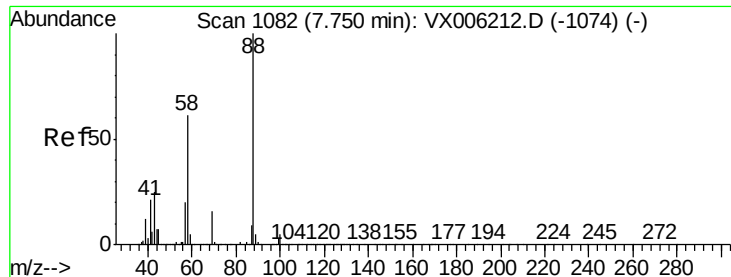
Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Tgt Ion:	41	Resp:	132669
Ion Ratio	Lower	Upper	
41	100		
69	90.2	70.3	105.5
39	56.4	45.3	67.9





#49

1,4-Dioxane

Concen: 421.500 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

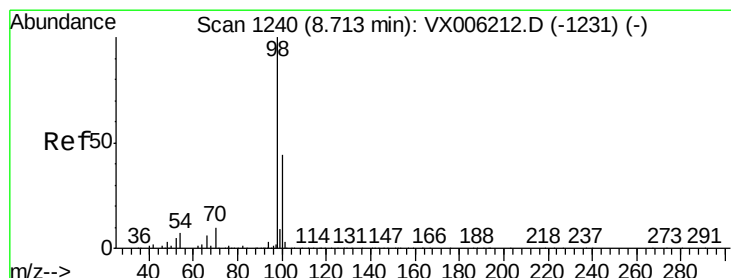
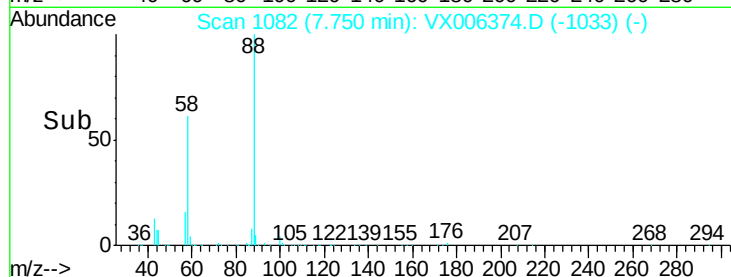
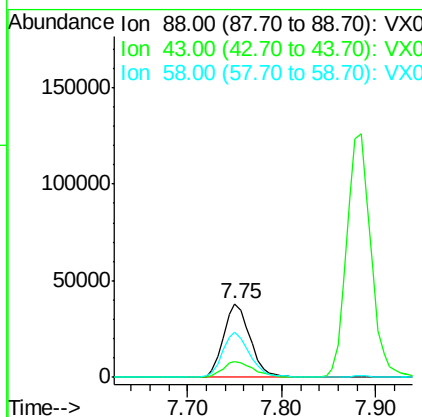
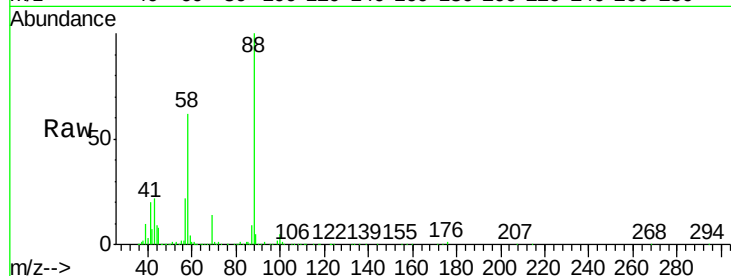
ClientSampleId :

VX1210WBSD01

Tot Ion:	88	Resp:	74658
Ion	Ratio	Lower	Upper
88	100		
43	24.2	23.2	34.8
58	62.4	51.4	77.0

Manual Integrations
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#50

Toluene-d8

Concen: 50.016 ug/l

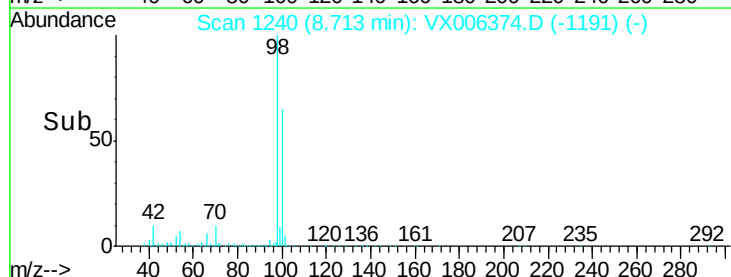
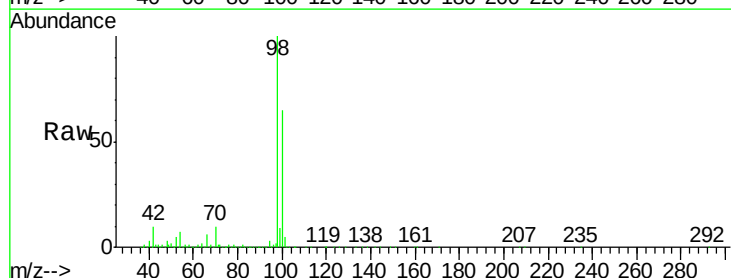
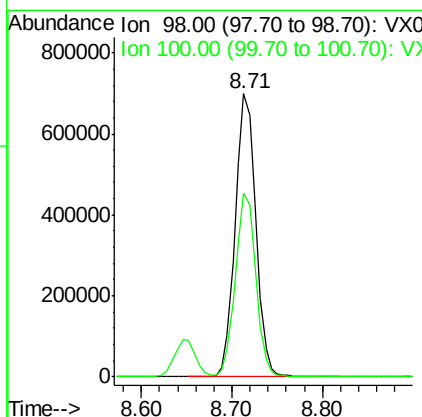
RT: 8.71 min Scan# 1240

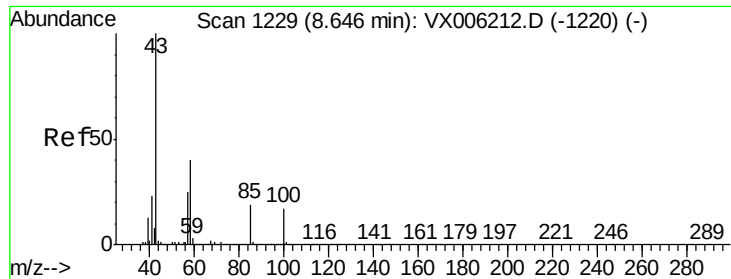
Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Tgt Ion:	98	Resp:	1106683
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 96.514 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion: 43 Resp: 829992

Ion Ratio Lower Upper

43 100

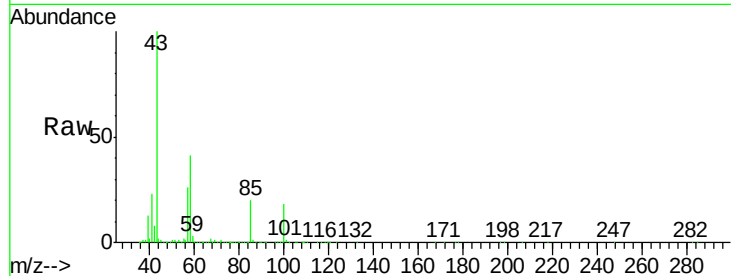
58 40.7 31.3 46.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

200000

100000

0

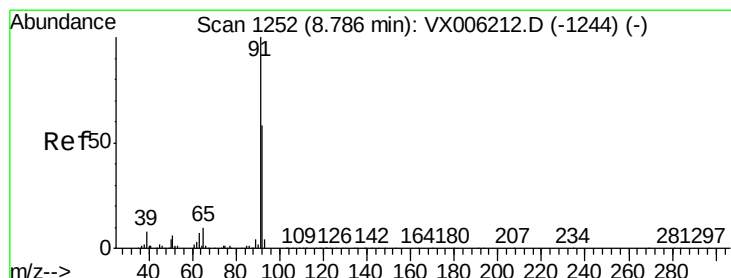
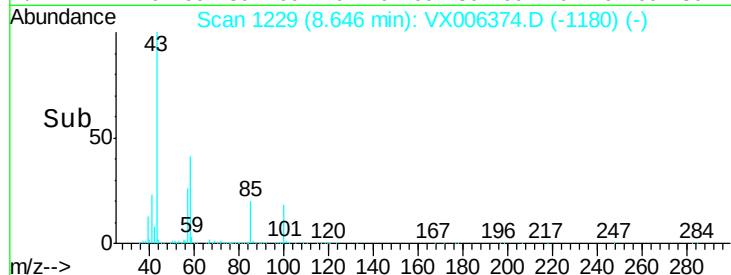
8.65

8.60

8.55

8.70

Time-->



#52

Toluene

Concen: 19.493 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006374.D

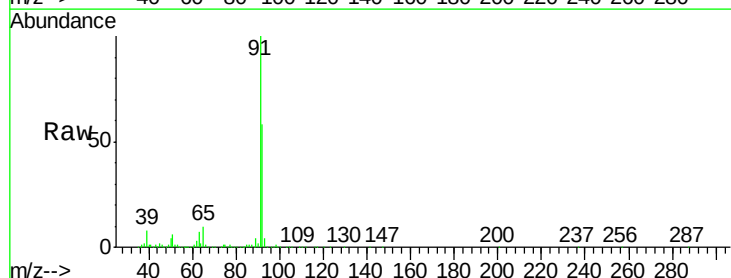
Acq: 10 Dec 2018 17:05

Tgt Ion: 92 Resp: 303894

Ion Ratio Lower Upper

92 100

91 172.8 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

200000

100000

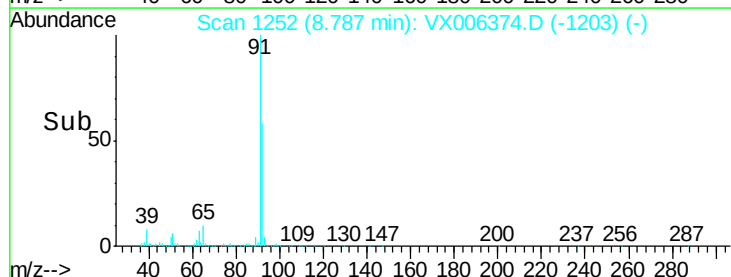
0

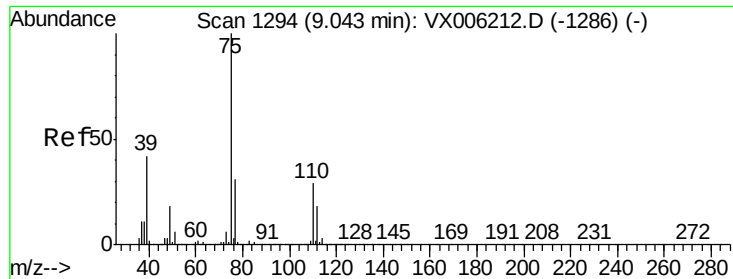
8.79

8.70

8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.975 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion: 75 Resp: 167222

Ion Ratio Lower Upper

75 100

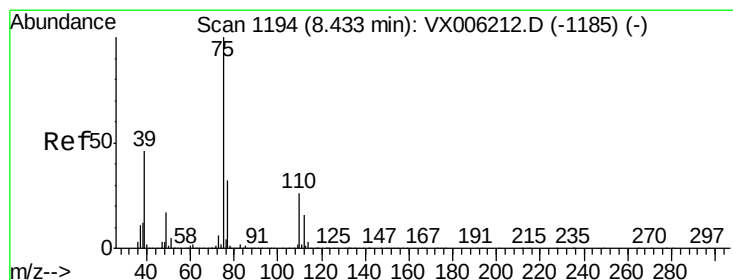
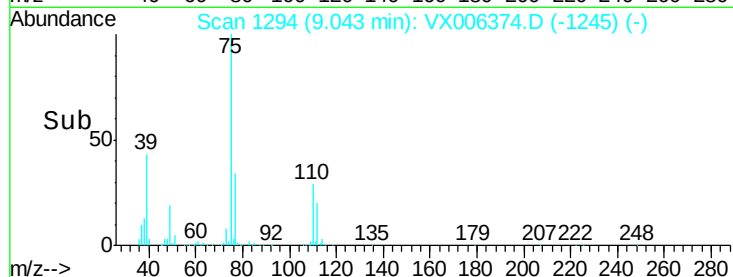
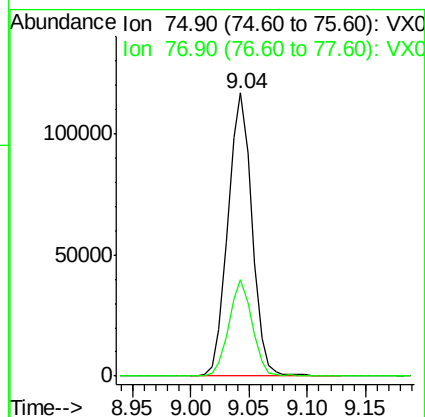
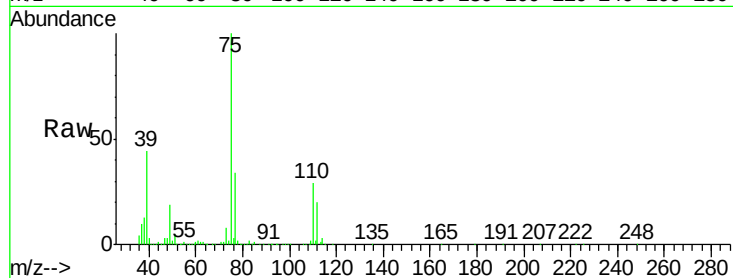
77 34.1 25.0 37.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.197 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

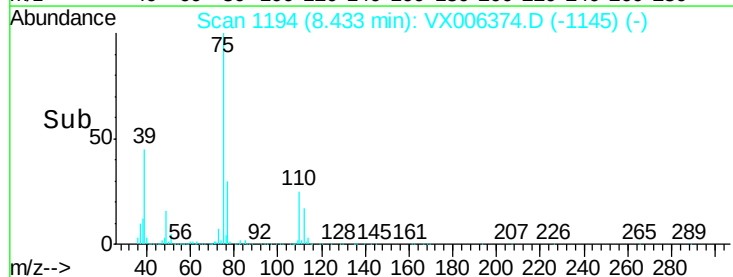
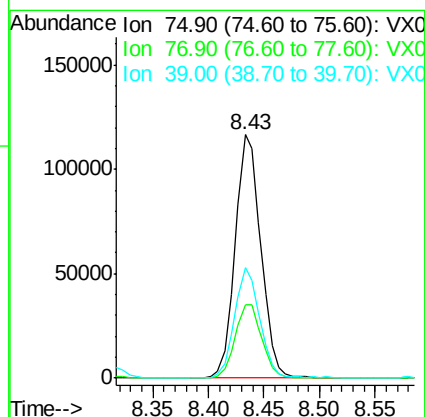
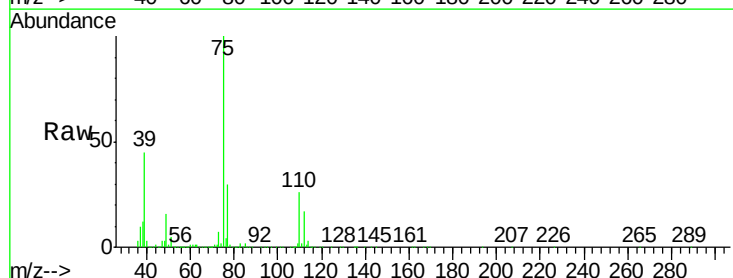
Tgt Ion: 75 Resp: 186140

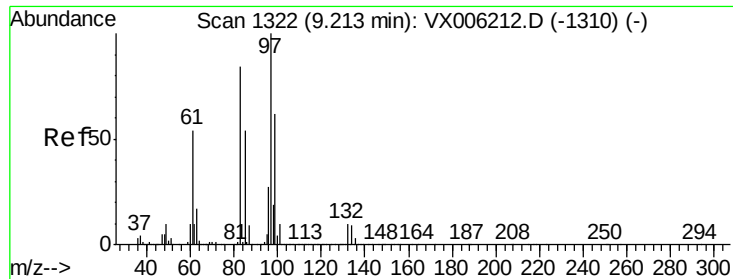
Ion Ratio Lower Upper

75 100

77 29.7 25.6 38.4

39 45.0 36.5 54.7





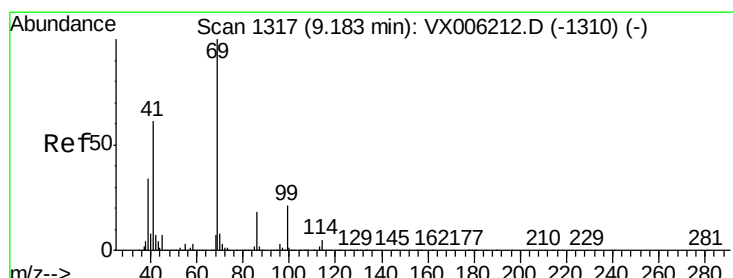
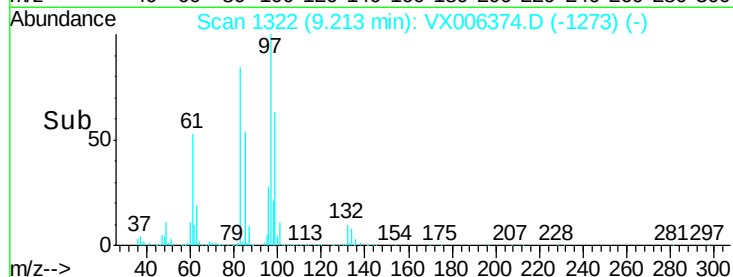
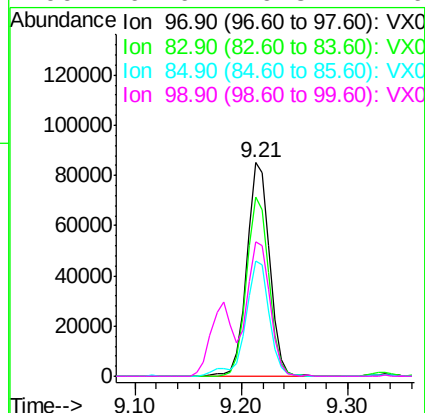
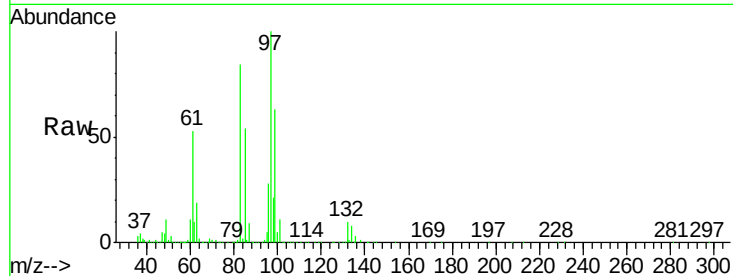
#55
 1,1,2-Trichloroethane
 Concen: 20.224 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006374.D
 Acq: 10 Dec 2018 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		128088		
83	83.8	67.1	100.7		
85	53.8	43.2	64.8		
99	62.6	49.8	74.6		

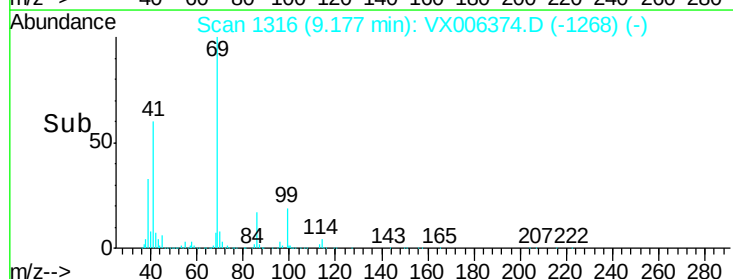
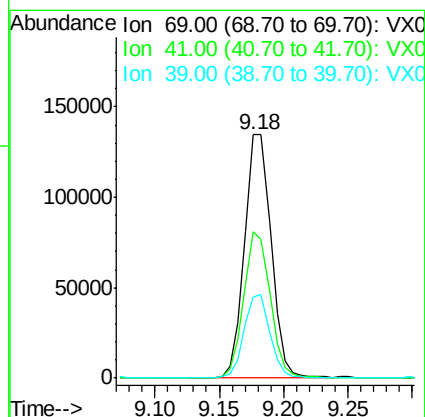
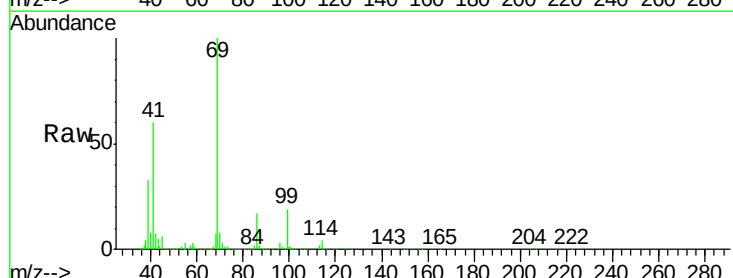
Manual Integrations
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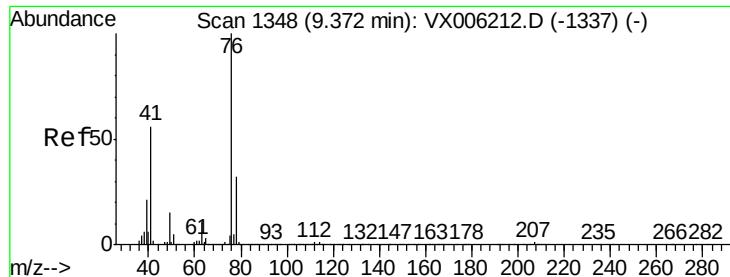
MMDadoda
 12/11/2018 10:54:48 AM



#56
 Ethyl methacrylate
 Concen: 19.486 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006374.D
 Acq: 10 Dec 2018 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		192940		
41	59.3	50.6	76.0		
39	33.6	27.6	41.4		





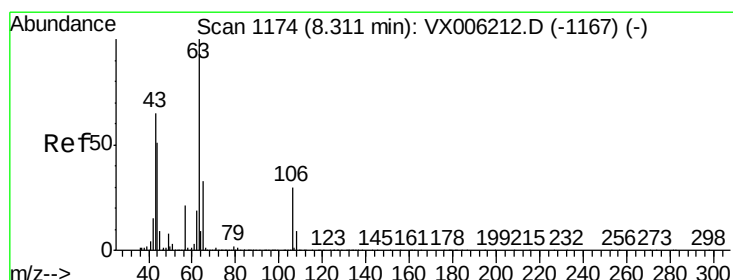
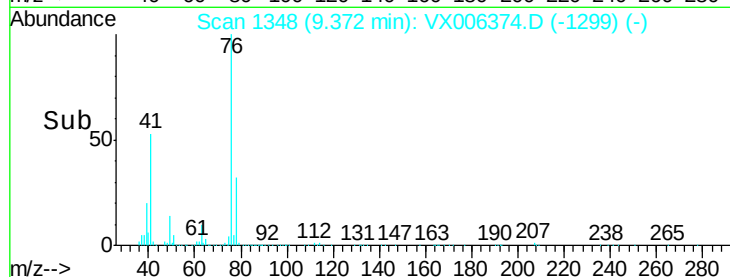
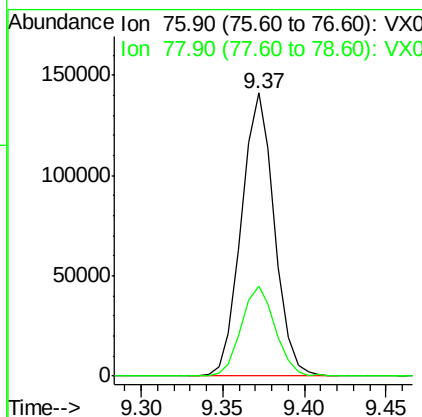
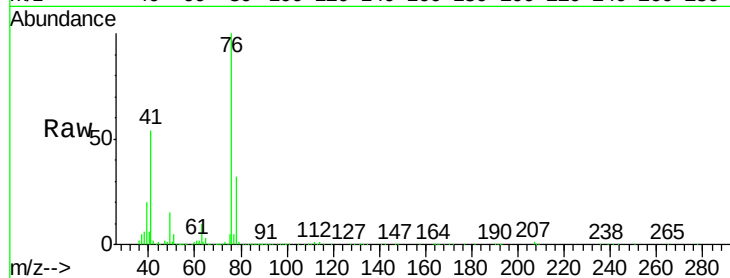
#57
 1,3-Dichloropropane
 Concen: 19.853 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006374.D
 Acq: 10 Dec 2018 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.1	39.1

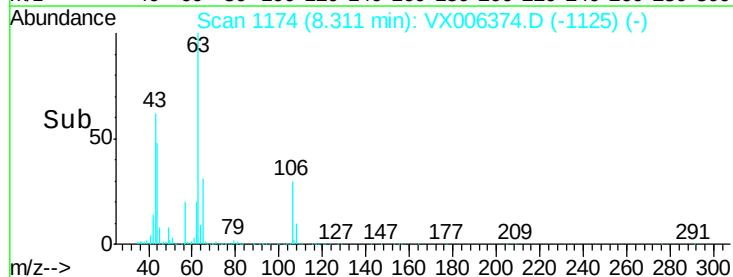
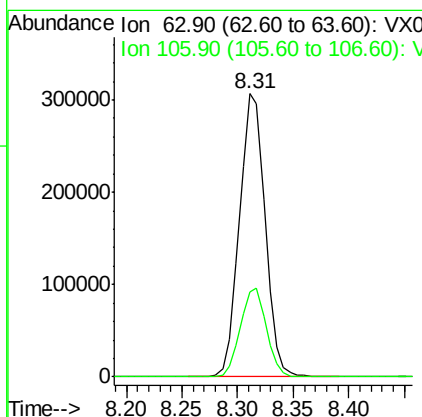
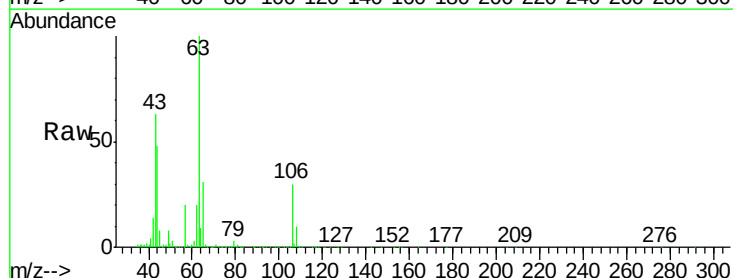
Manual Integrations
 APPROVED

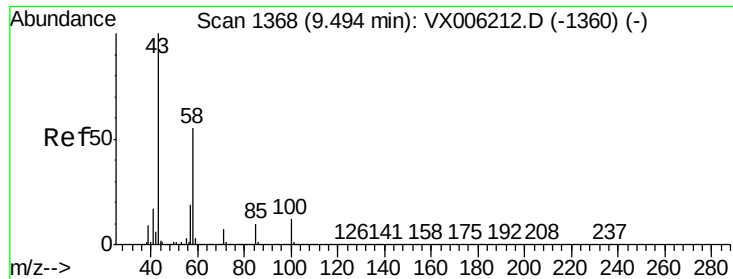
MMDadoda
 12/11/2018 10:54:48 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.339 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006374.D
 Acq: 10 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.8	24.9	37.3





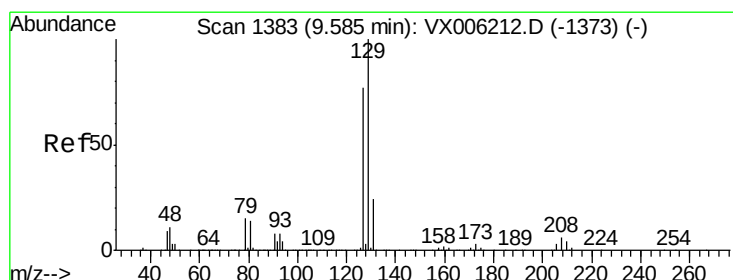
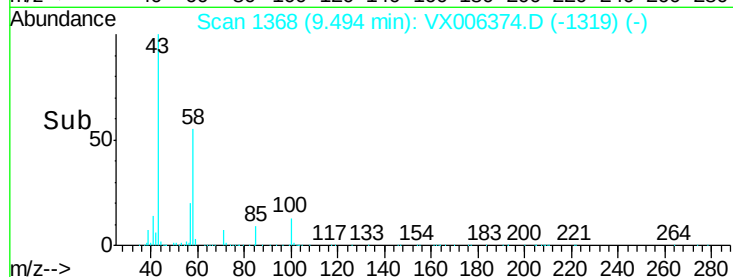
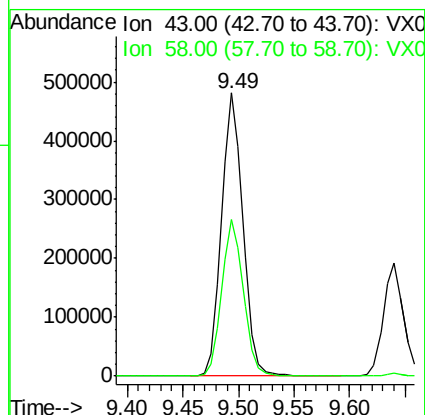
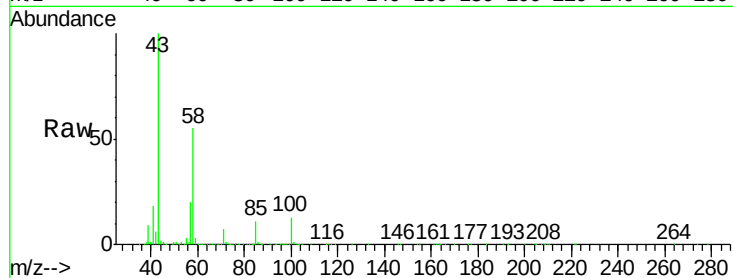
#59
2-Hexanone
Concen: 97.452 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion: 43 Resp: 640276
Ion Ratio Lower Upper
43 100
58 55.6 27.7 83.1

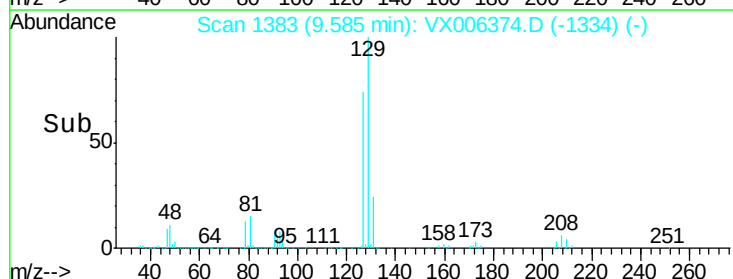
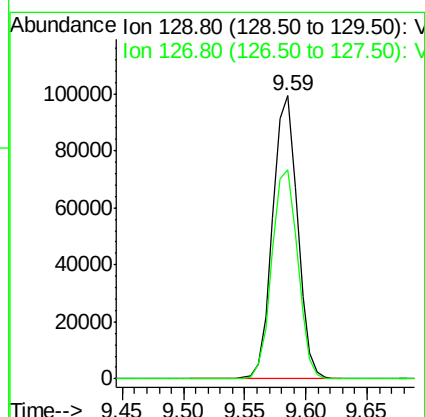
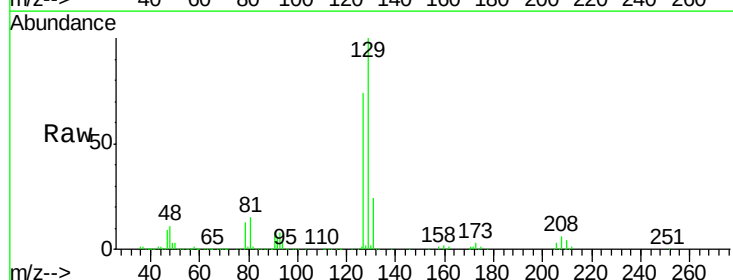
Manual Integrations
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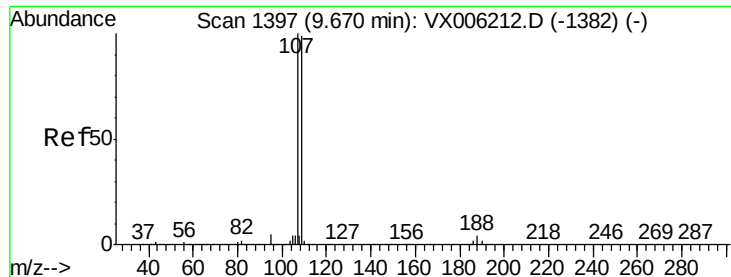
MMDadoda
12/11/2018 10:54:48 AM



#60
Dibromochloromethane
Concen: 17.976 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

Tgt Ion: 129 Resp: 140386
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.402 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion: 107 Resp: 137402

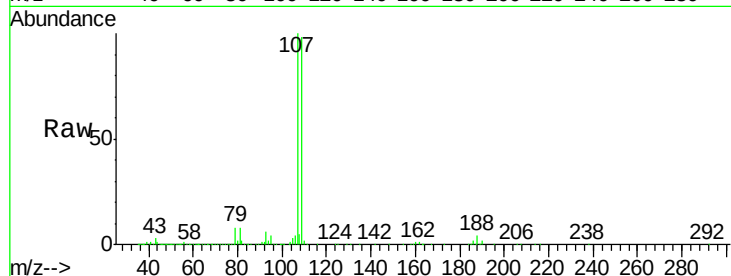
Ion Ratio Lower Upper

107 100

109 95.1 76.3 114.5

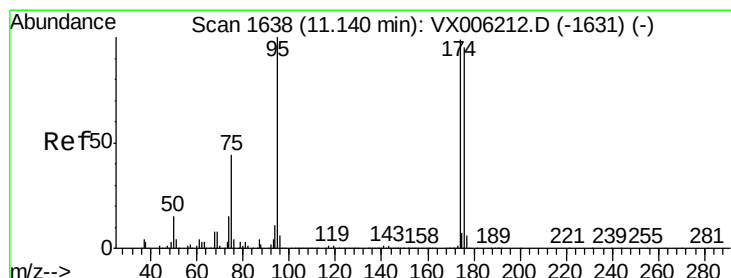
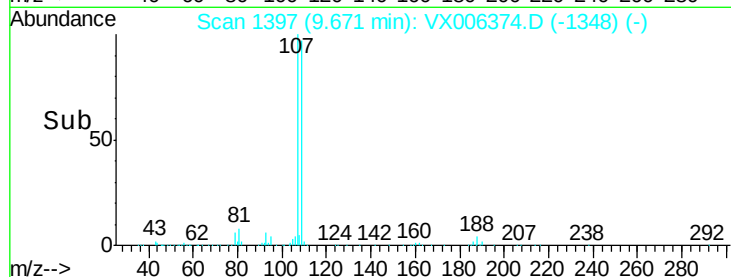
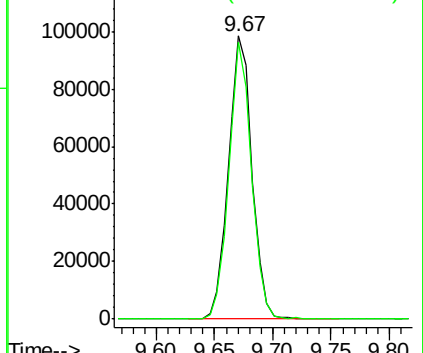
Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.314 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

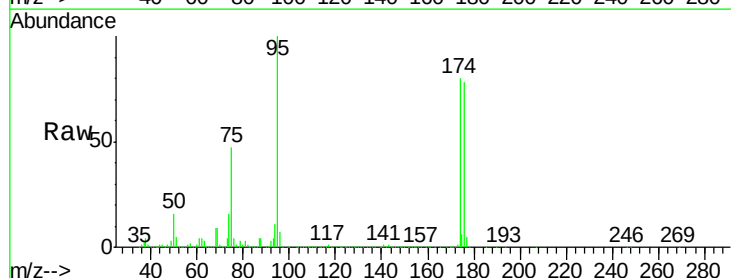
Tgt Ion: 95 Resp: 419512

Ion Ratio Lower Upper

95 100

174 89.1 0.0 187.0

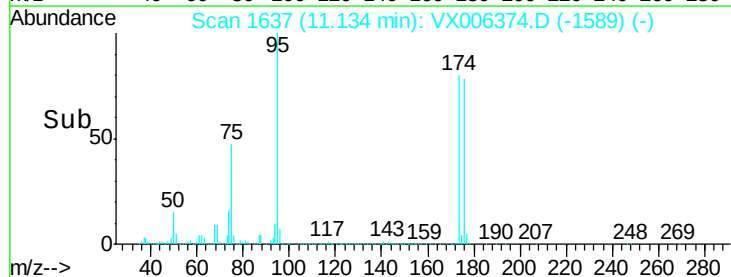
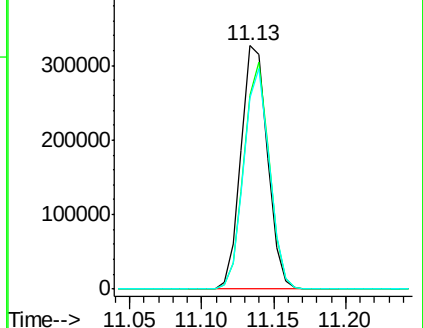
176 87.4 0.0 181.8

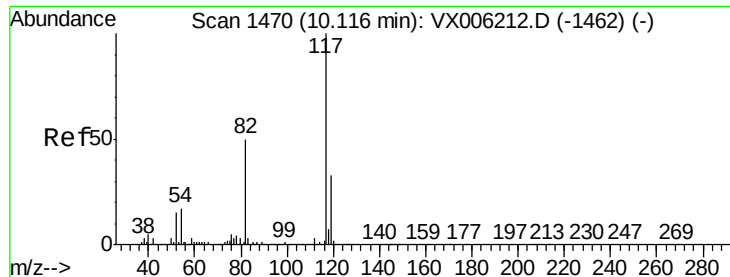


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





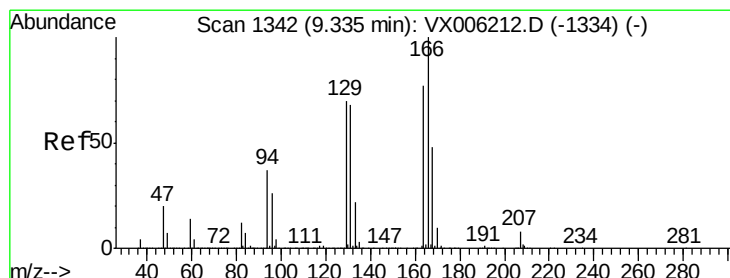
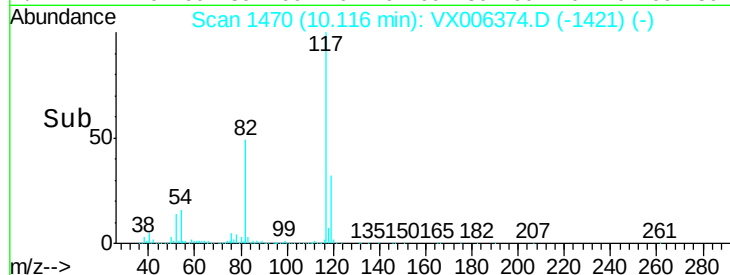
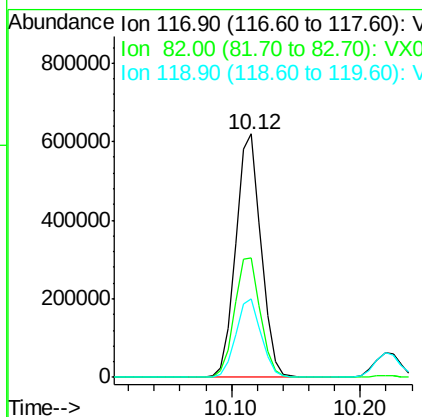
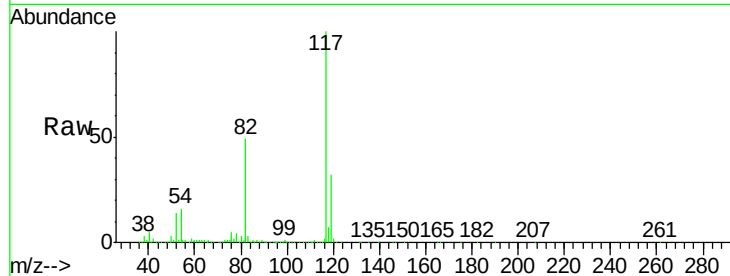
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	843106		
82	49.3		39.6	59.4
119	32.4		26.3	39.5

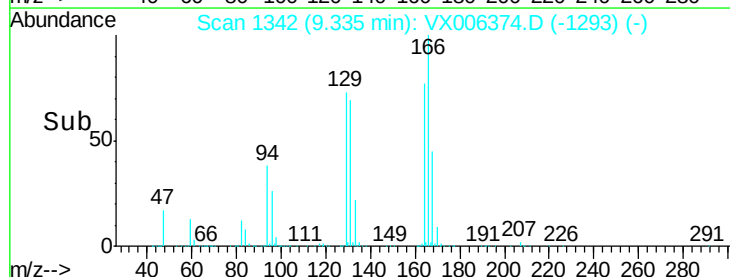
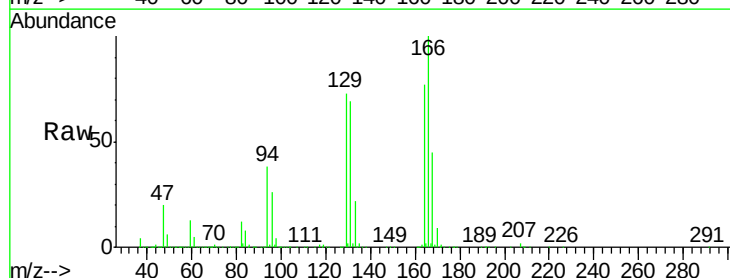
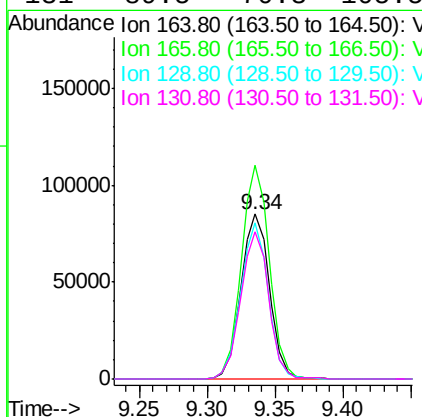
Manual Integrations
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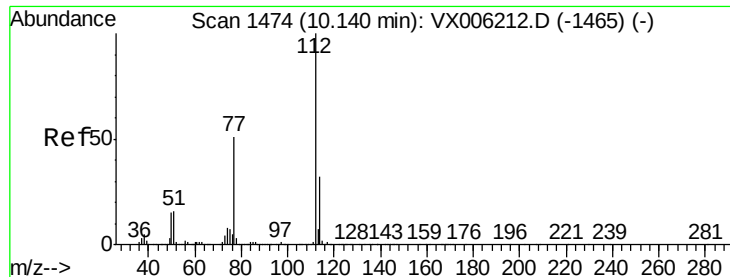
MMDadoda
12/11/2018 10:54:48 AM



#64
Tetrachloroethene
Concen: 19.585 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	124353		
166	129.4		104.2	156.2
129	94.7		72.6	108.8
131	89.5		70.3	105.5





#65

Chlorobenzene

Concen: 20.206 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion:112 Resp: 361624

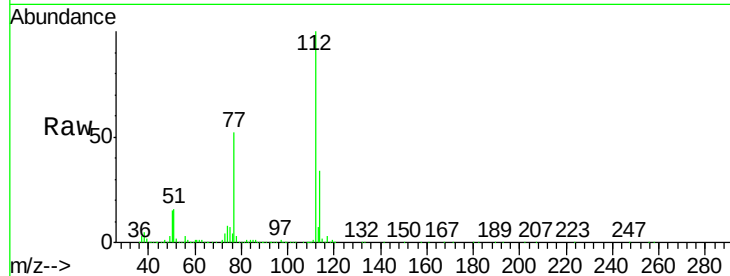
Ion Ratio Lower Upper

112 100

114 33.5 25.4 38.2

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

250000

200000

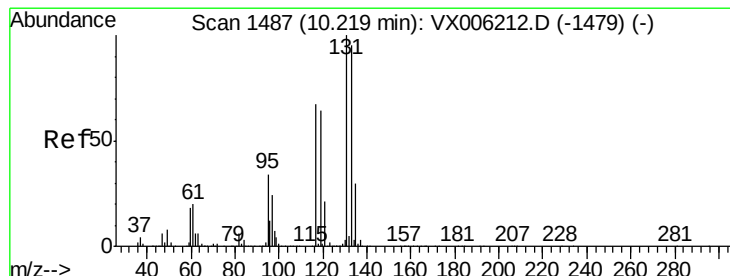
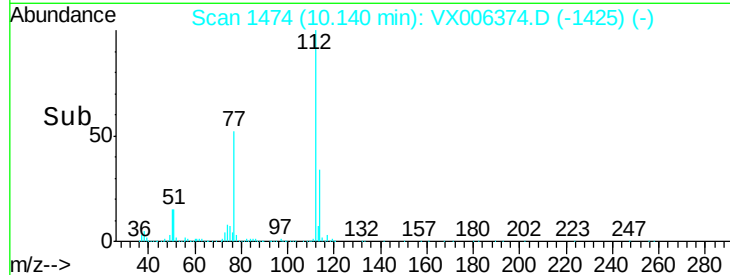
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.887 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

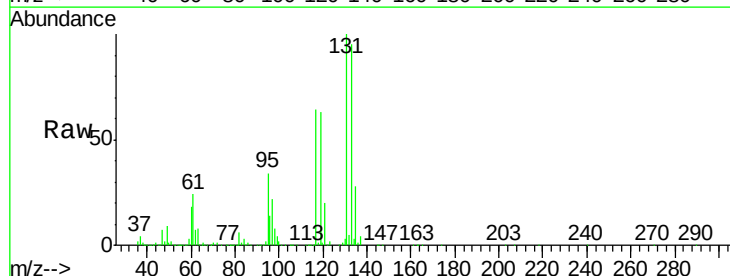
Tgt Ion:131 Resp: 131333

Ion Ratio Lower Upper

131 100

133 96.3 48.1 144.4

119 65.7 32.1 96.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

250000

200000

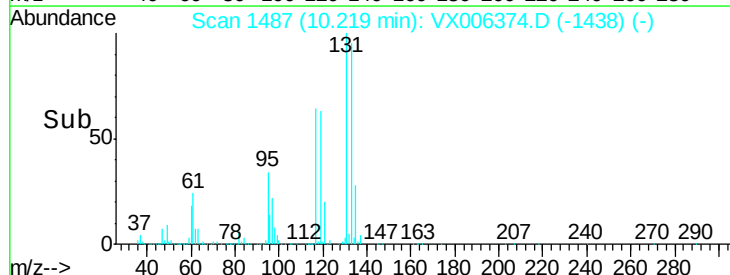
150000

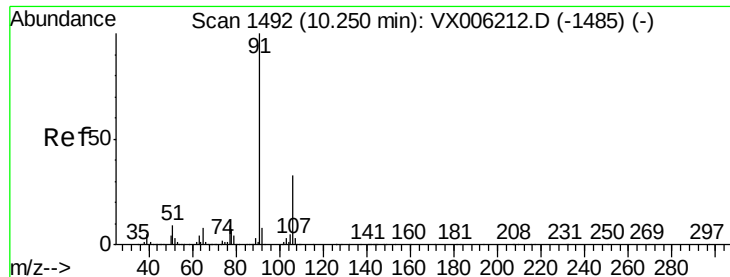
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 19.823 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion: 91 Resp: 590057

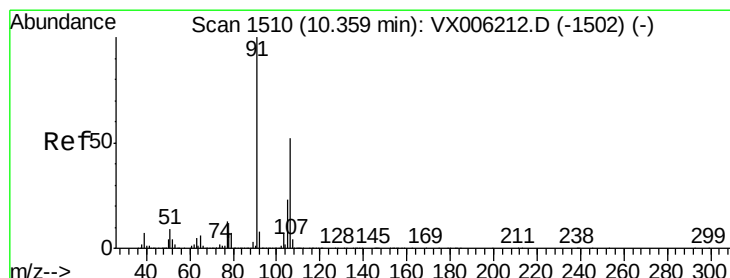
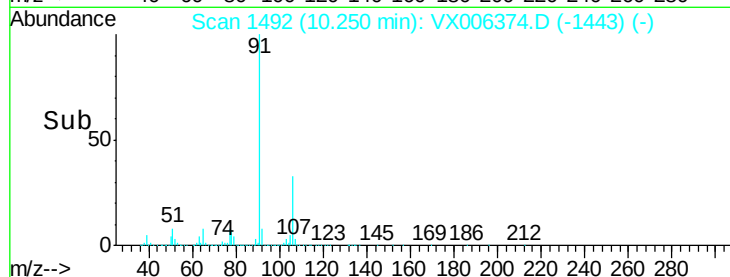
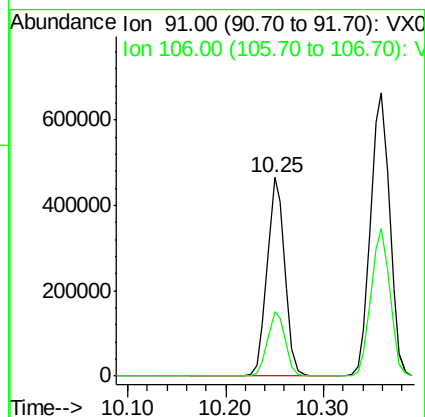
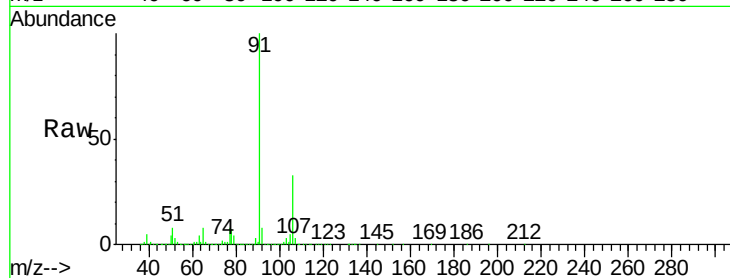
Ion Ratio Lower Upper

91 100

106 32.7 26.5 39.7

Manual Integrations
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#68

m/p-Xylenes

Concen: 39.284 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006374.D

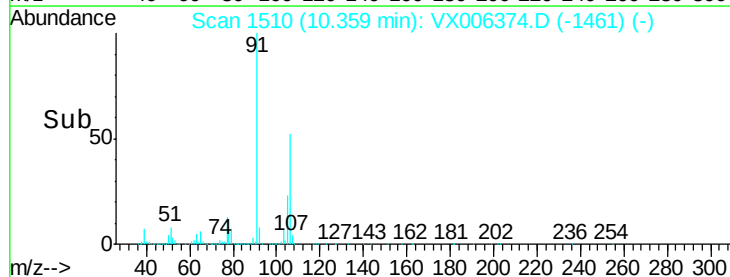
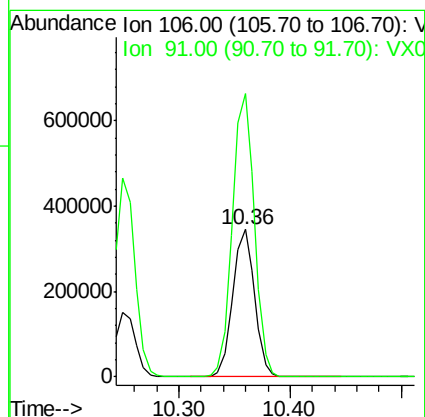
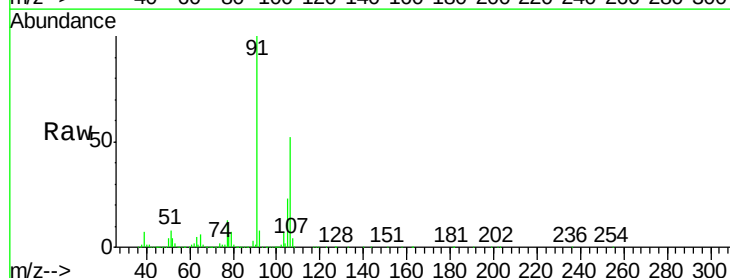
Acq: 10 Dec 2018 17:05

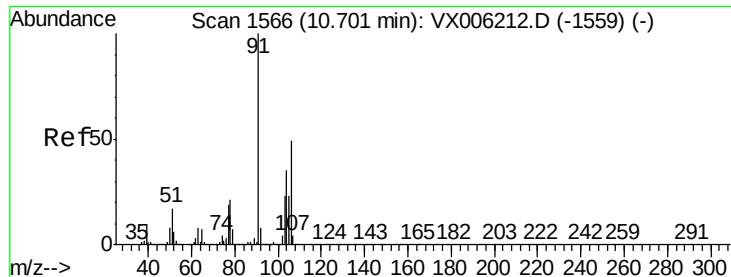
Tgt Ion: 106 Resp: 468411

Ion Ratio Lower Upper

106 100

91 193.4 155.2 232.8





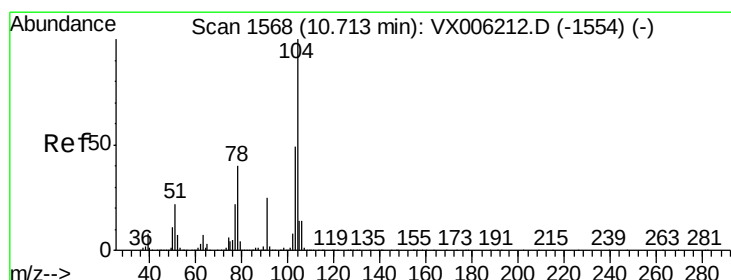
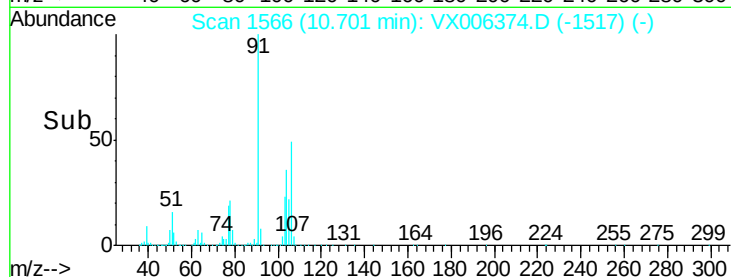
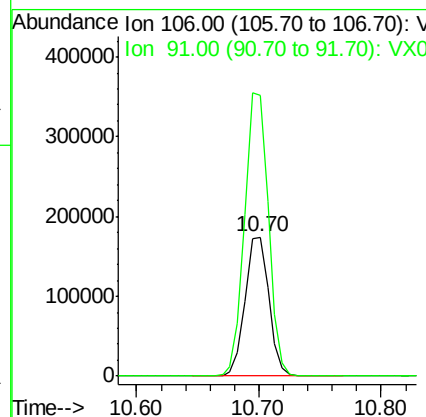
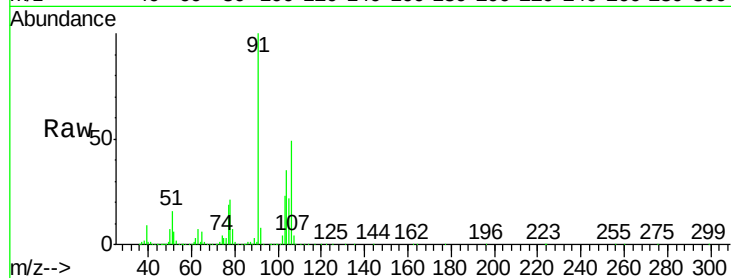
#69
o-Xylene
Concen: 19.934 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	203.8	101.8	305.6

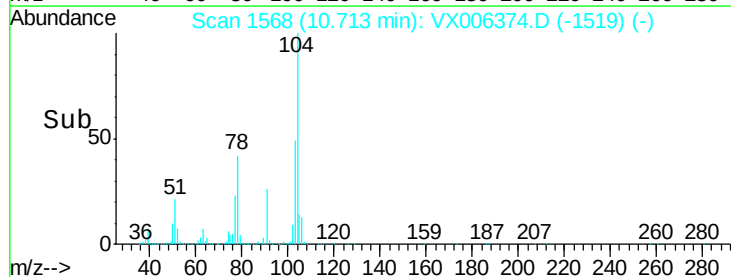
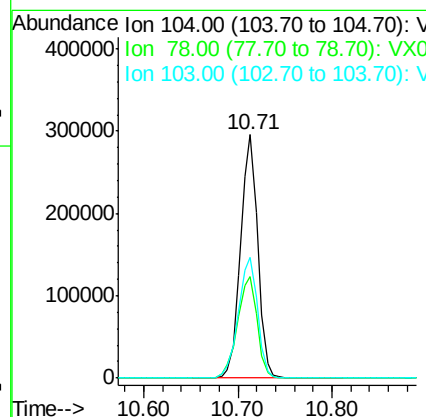
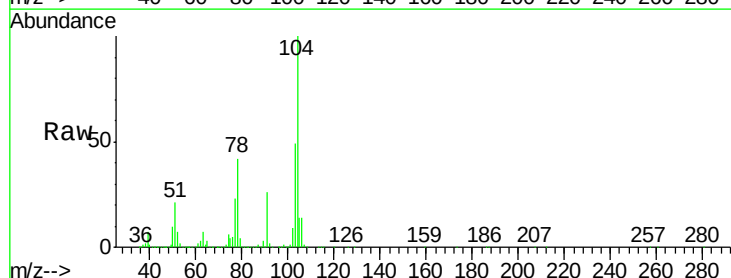
Manual Integrations
APPROVED

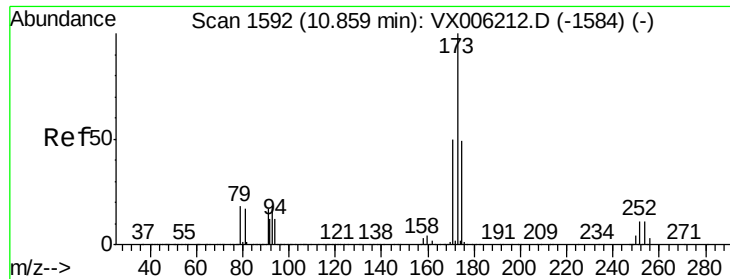
MMDadoda
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#70
Styrene
Concen: 19.639 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.6	37.2	55.8
103	55.4	43.5	65.3





#71

Bromoform

Concen: 16.696 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion:173 Resp: 109599

Ion Ratio Lower Upper

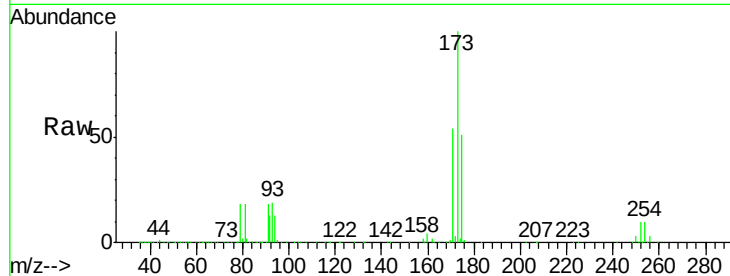
173 100

175 50.0 24.6 73.8

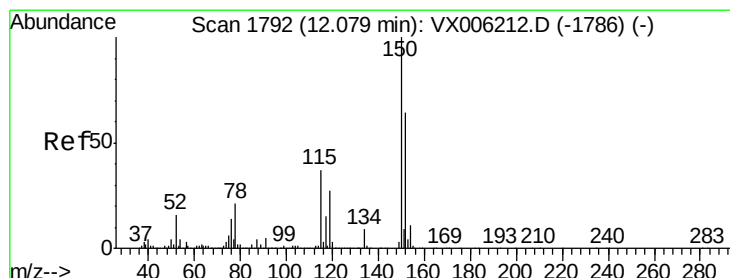
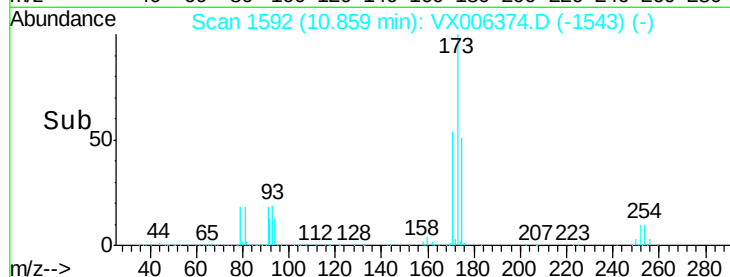
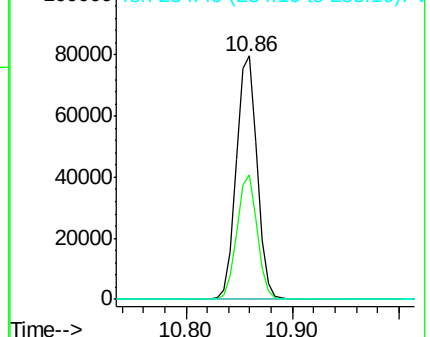
254 0.2 0.2 0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

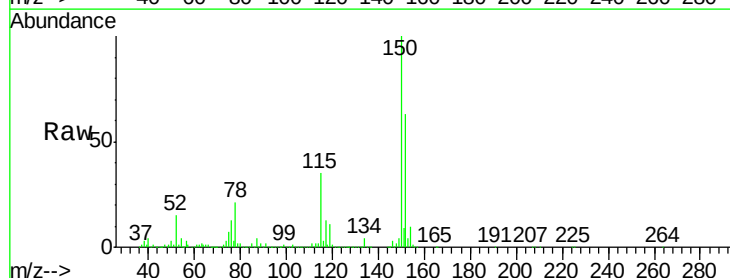
Tgt Ion:152 Resp: 437629

Ion Ratio Lower Upper

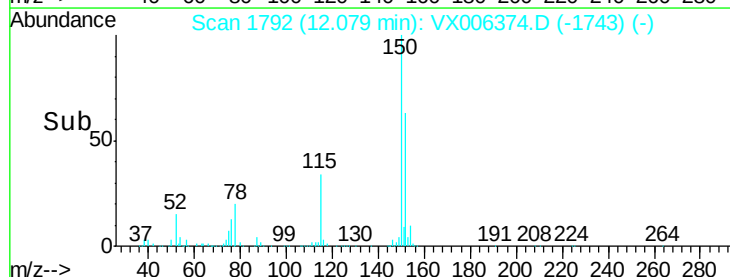
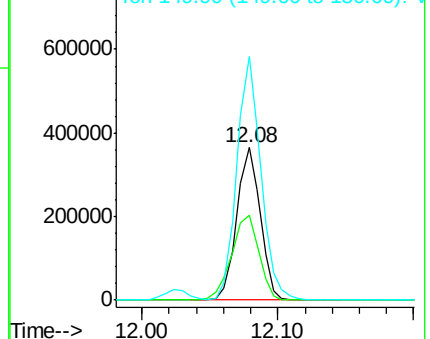
152 100

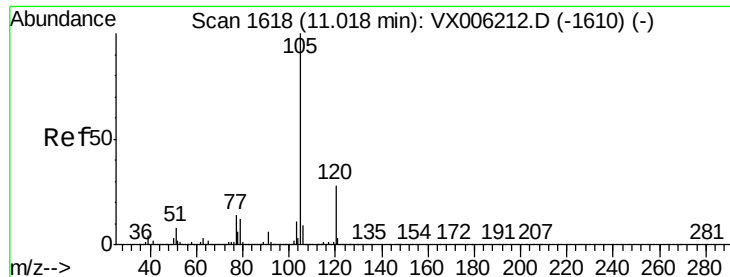
115 64.9 39.0 116.9

150 163.8 0.0 345.8



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





#73

Isopropylbenzene

Concen: 20.494 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion: 105 Resp: 619379

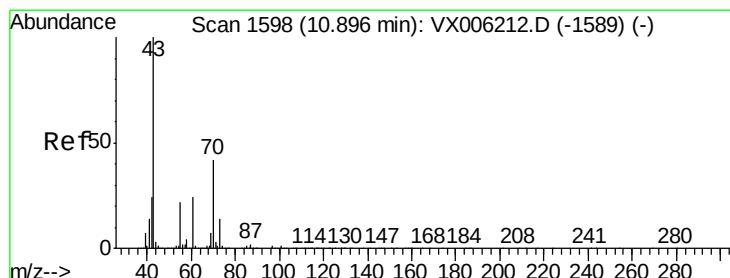
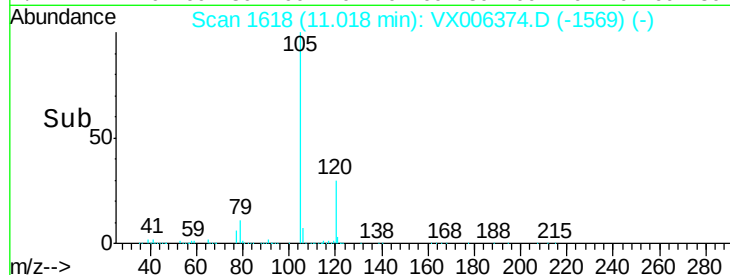
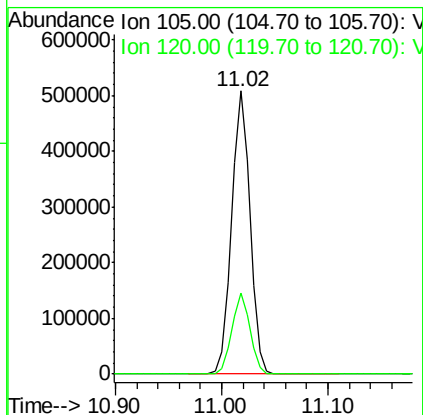
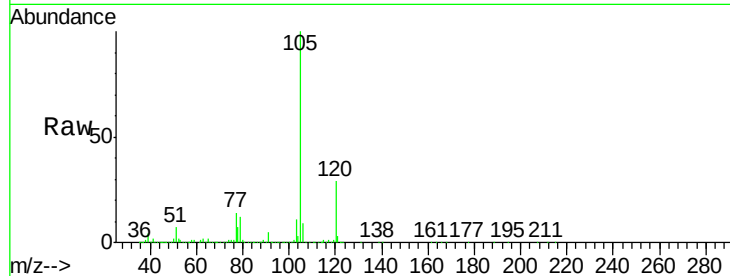
Ion Ratio Lower Upper

105 100

120 28.2 14.1 42.3

Manual Integrations
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#74

N-ethyl acetate

Concen: 18.458 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Tgt Ion: 43 Resp: 240220

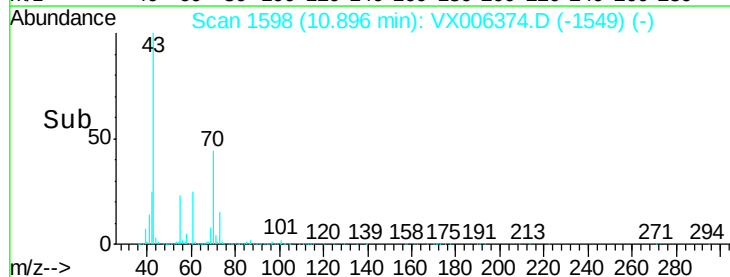
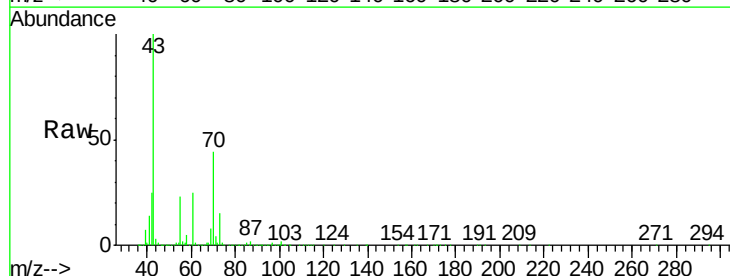
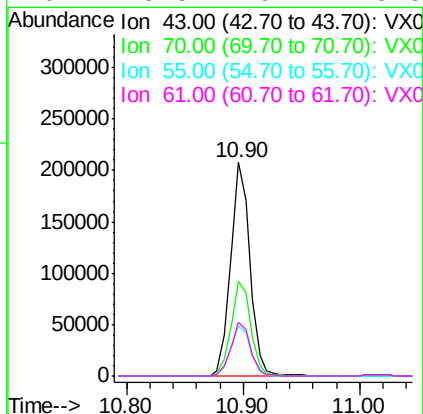
Ion Ratio Lower Upper

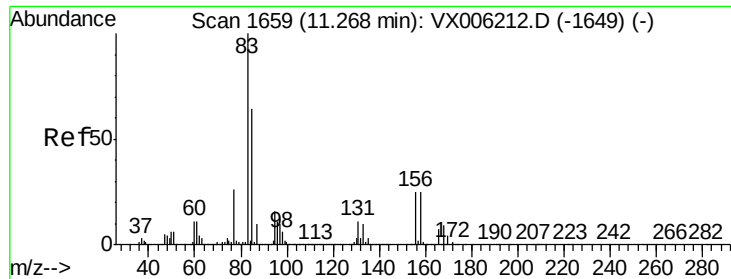
43 100

70 45.6 34.1 51.1

55 24.4 17.8 26.8

61 25.5 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.553 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

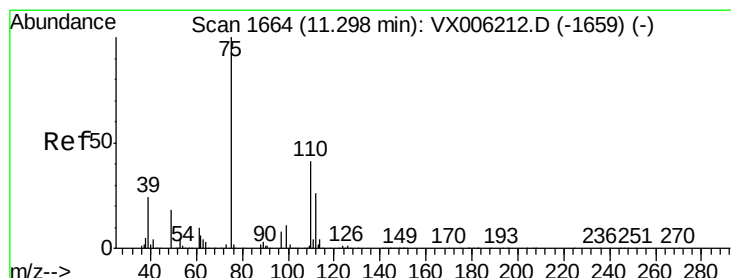
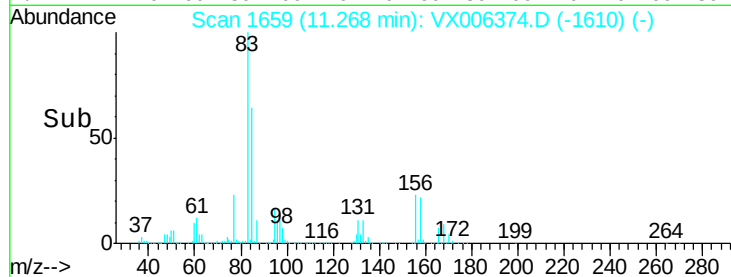
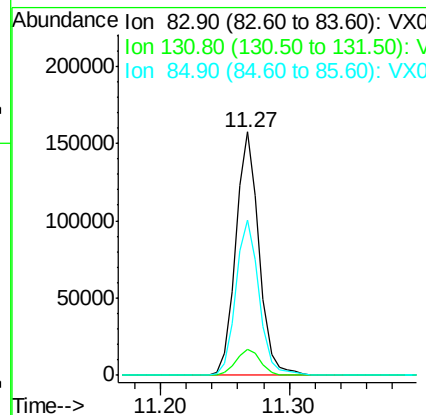
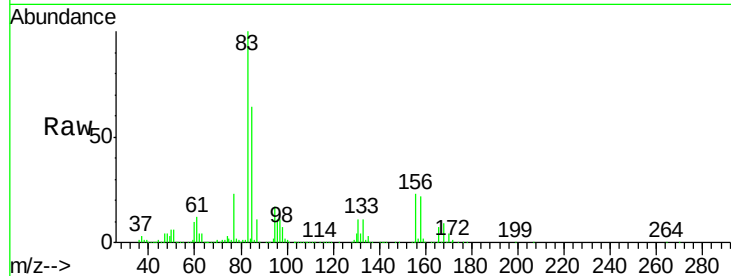
ClientSampleId :

VX1210WBSD01

Tot Ion:	83	Resp:	198721
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.7	17.1
85	64.1	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.819 ug/l m

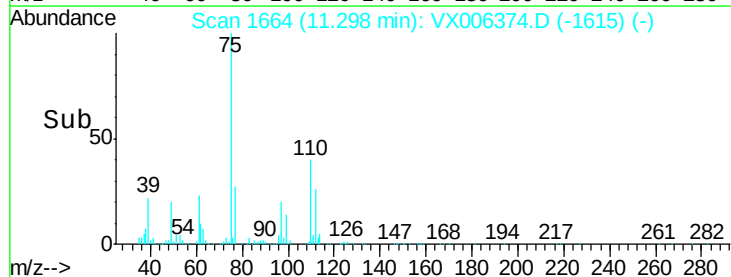
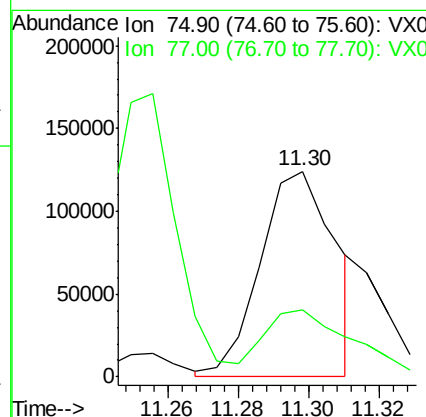
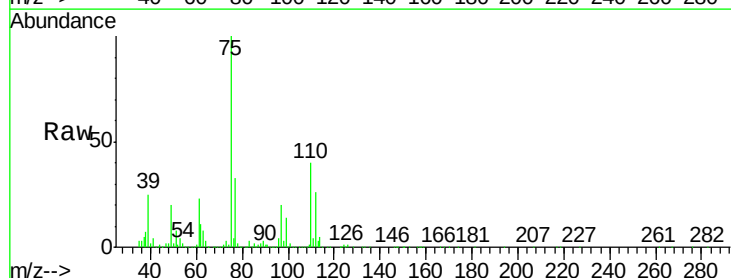
RT: 11.30 min Scan# 1664

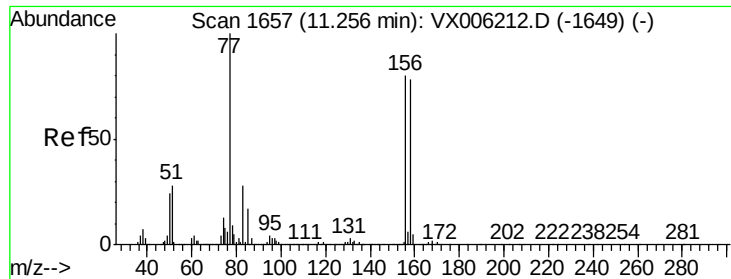
Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Tgt Ion:	75	Resp:	184303
Ion Ratio	Lower	Upper	
75	100		
77	38.1	19.9	59.7





#77

Bromobenzene

Concen: 19.975 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

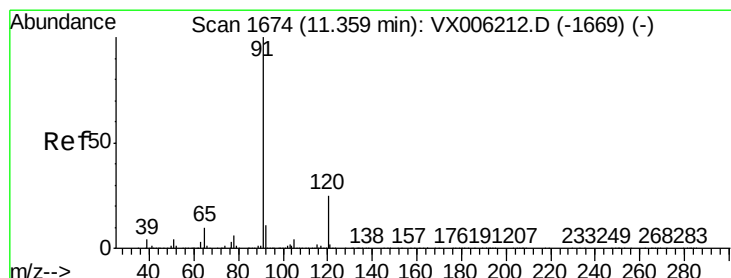
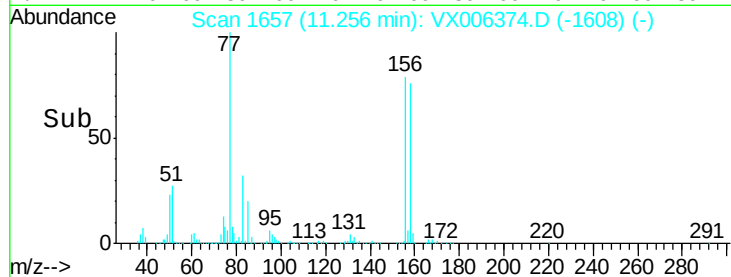
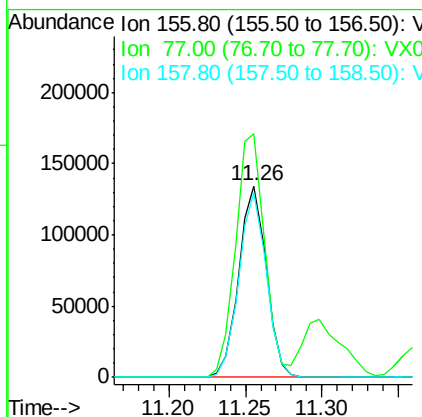
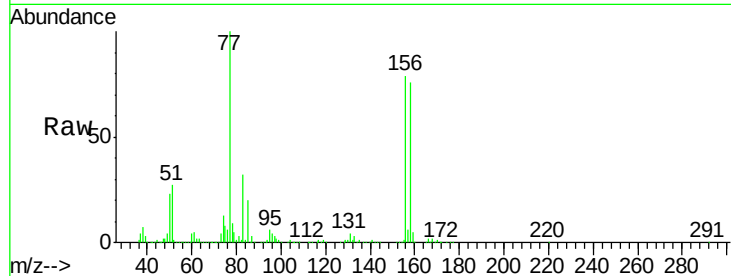
ClientSampleId :

VX1210WBSD01

Tot Ion:	156	Resp:	167535
Ion Ratio	Lower	Upper	
156	100		
77	135.4	66.2	198.6
158	96.6	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 19.818 ug/l

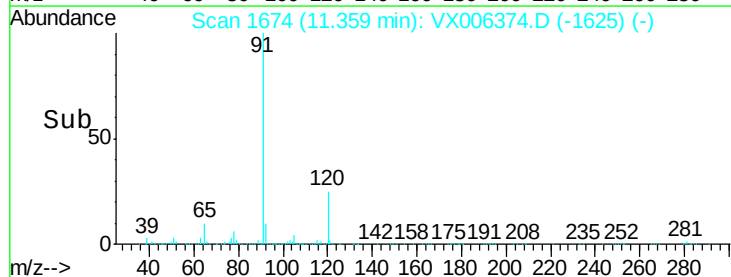
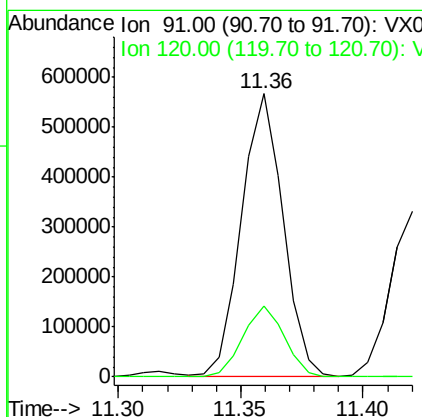
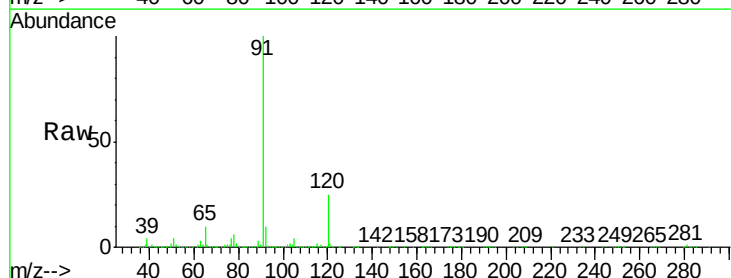
RT: 11.36 min Scan# 1674

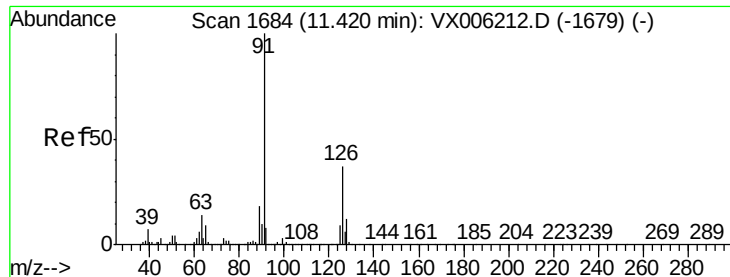
Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Tgt Ion:	91	Resp:	665770
Ion Ratio	Lower	Upper	
91	100		
120	25.3	12.7	38.0





#79

2-Chlorotoluene

Concen: 20.330 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion: 91 Resp: 405933

Ion Ratio Lower Upper

91 100

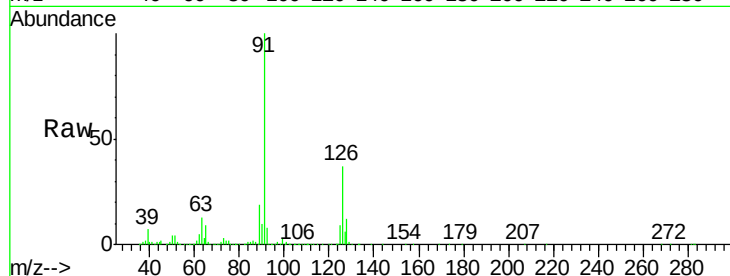
126 37.3 18.6 56.0

Manual Integrations

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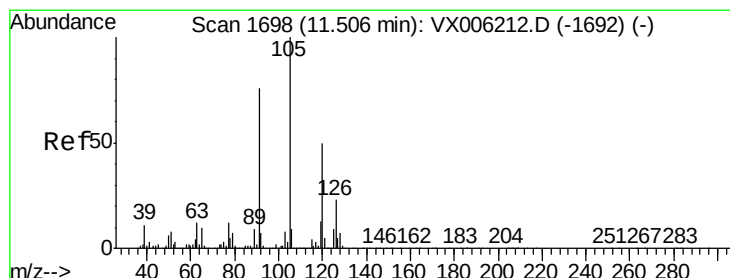
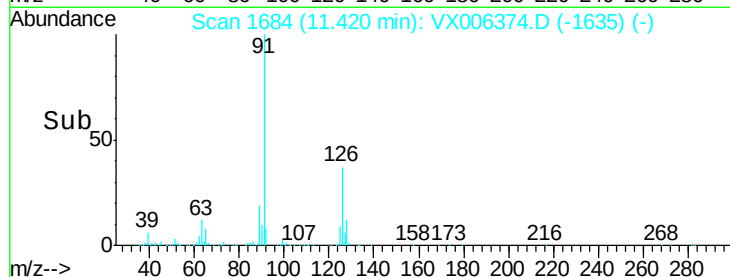
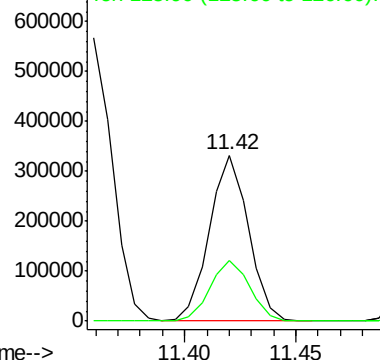
MMDadoda

12/11/2018 10:54:48 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.117 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006374.D

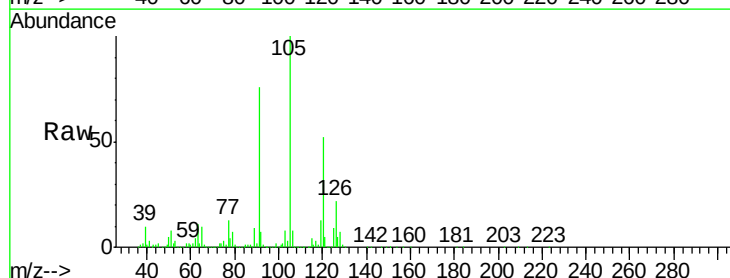
Acq: 10 Dec 2018 17:05

Tgt Ion: 105 Resp: 505844

Ion Ratio Lower Upper

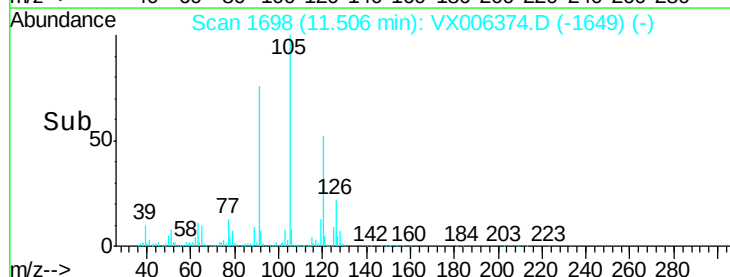
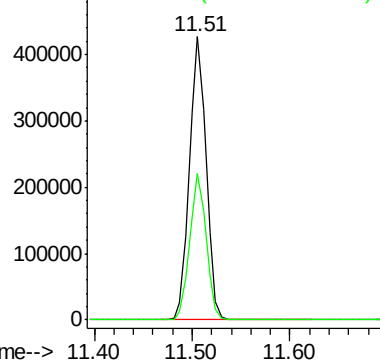
105 100

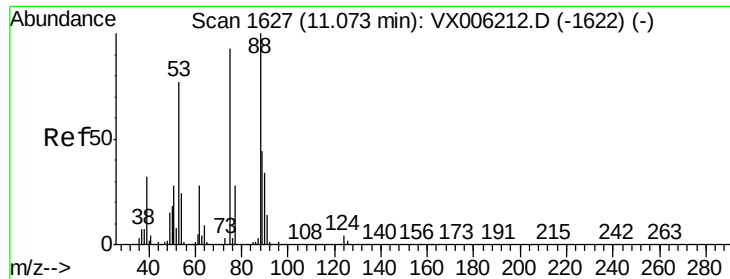
120 50.8 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 15.971 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

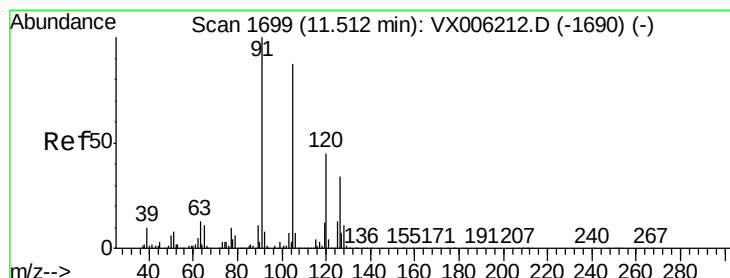
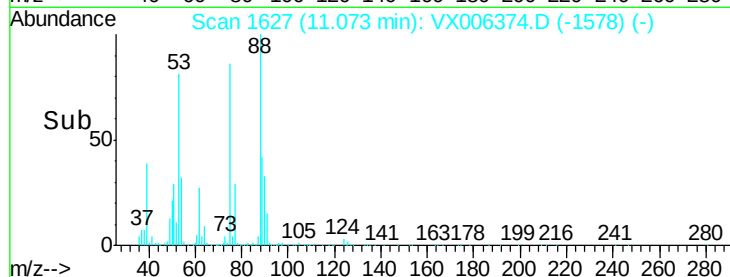
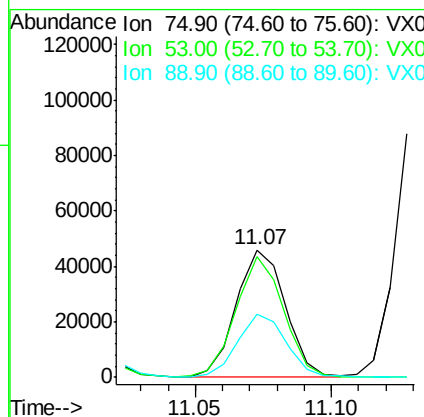
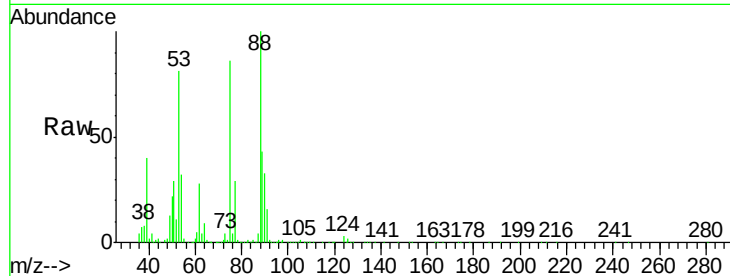
ClientSampleId :

VX1210WBSD01

Tot Ion:	75	Resp:	57488
Ion	Ratio	Lower	Upper
75	100		
53	91.4	64.4	96.6
89	50.1	44.2	66.4

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#82

4-Chlorotoluene

Concen: 19.977 ug/l

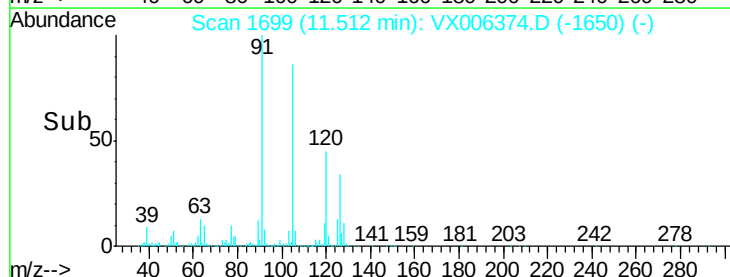
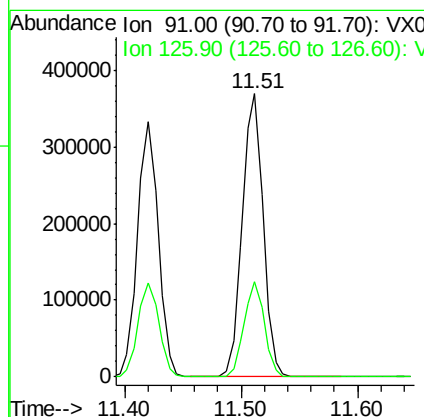
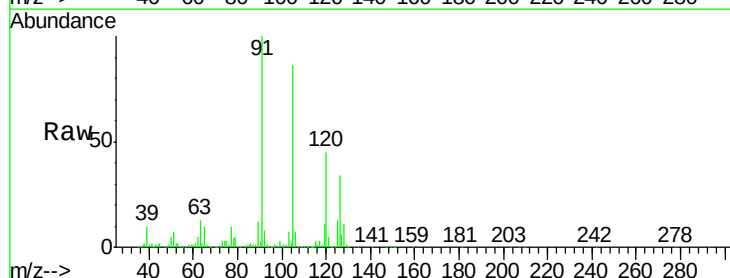
RT: 11.51 min Scan# 1699

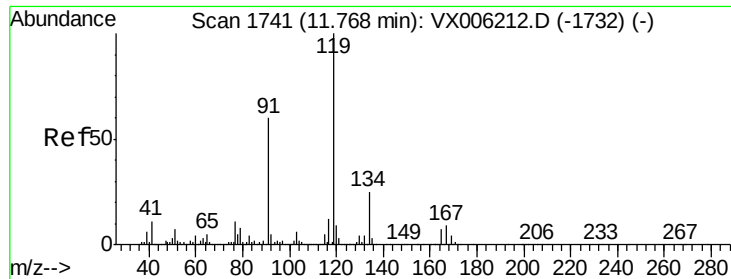
Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Tgt Ion:	91	Resp:	463770
Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.4





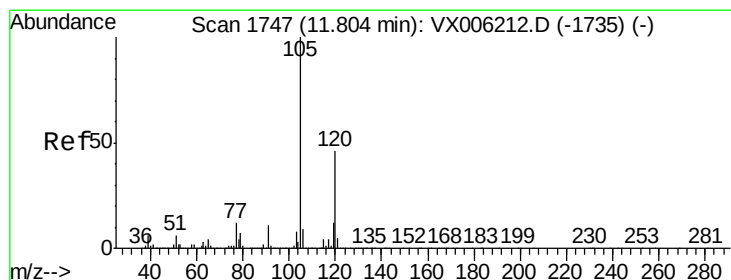
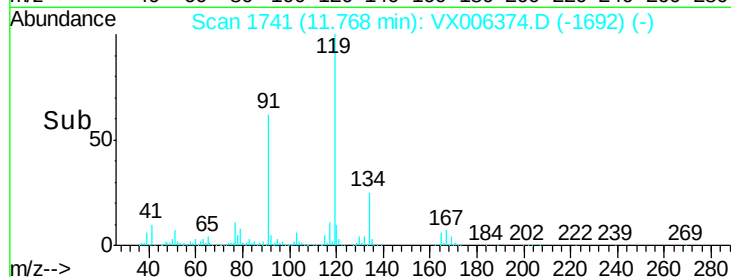
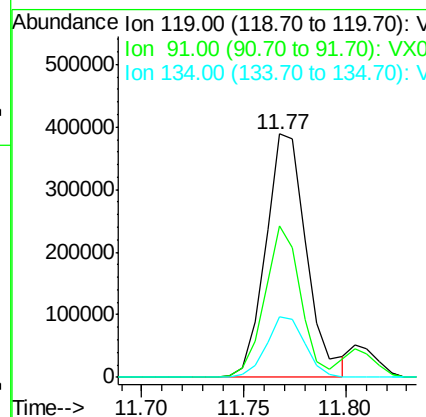
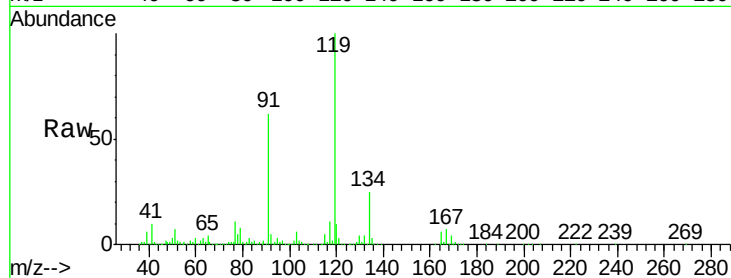
#83
tert-Butylbenzene
Concen: 20.194 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.6	26.4	79.2
134	23.4	11.6	34.7

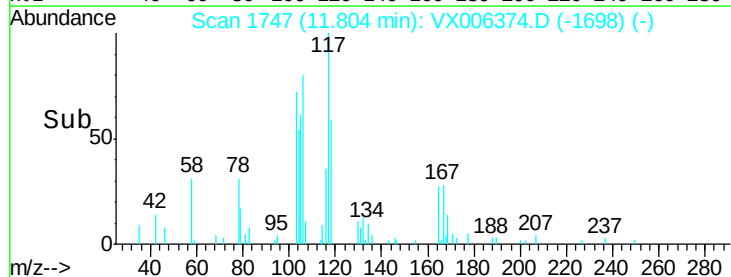
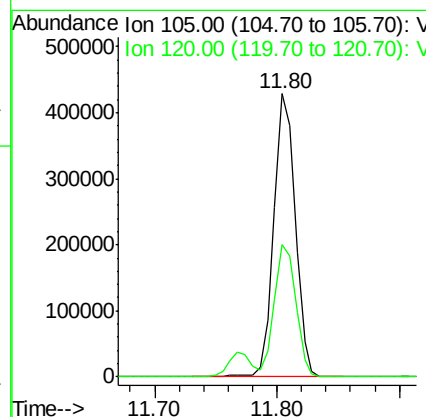
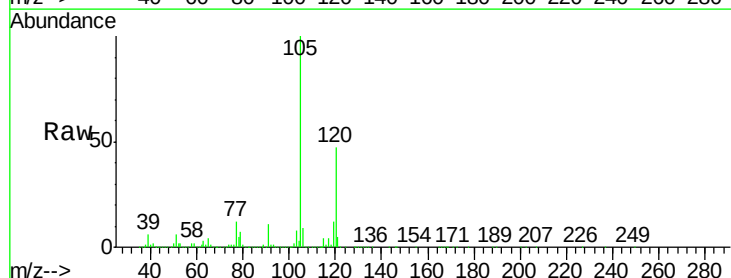
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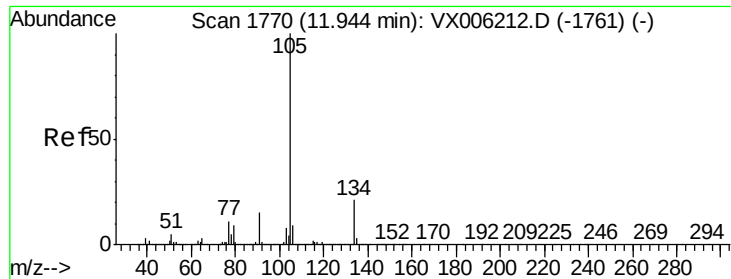
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#84
1,2,4-Trimethylbenzene
Concen: 20.152 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.4	70.0





#85

sec-Butylbenzene

Concen: 20.436 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion:105 Resp: 623740

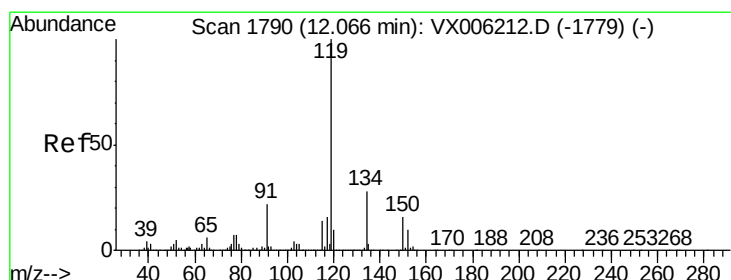
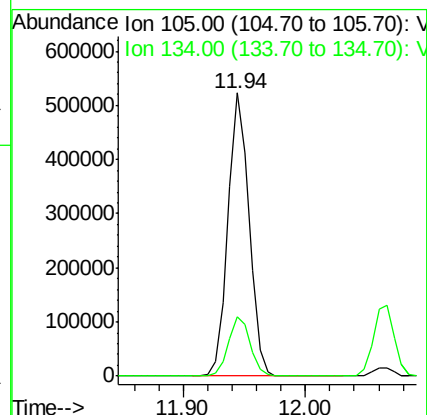
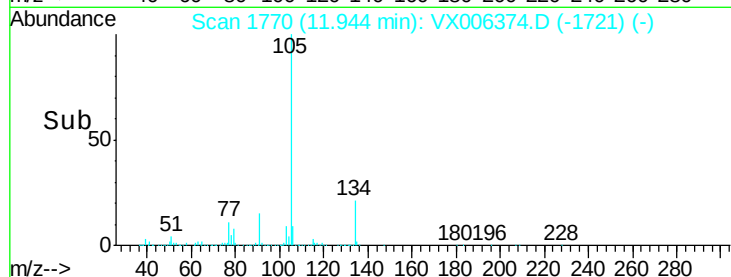
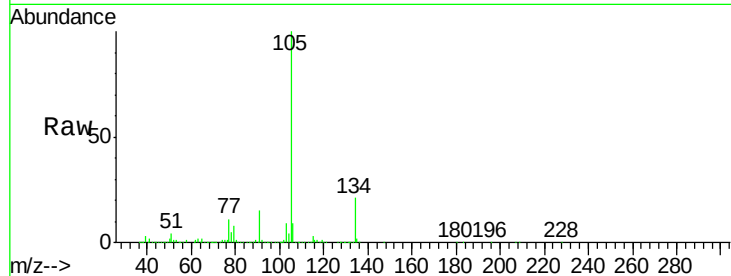
Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 20.086 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

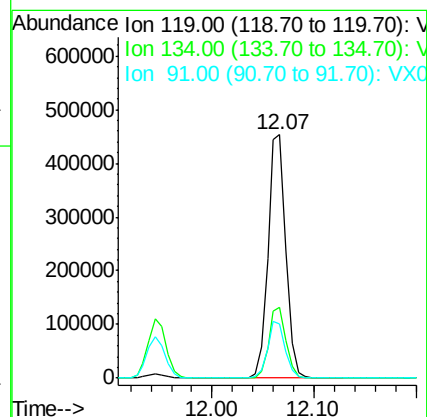
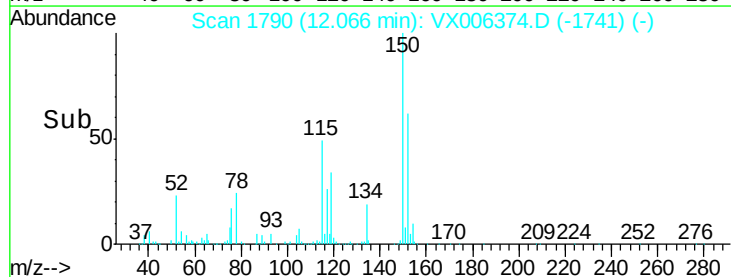
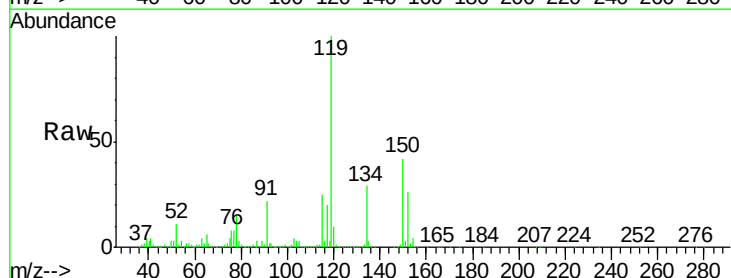
Tgt Ion:119 Resp: 552050

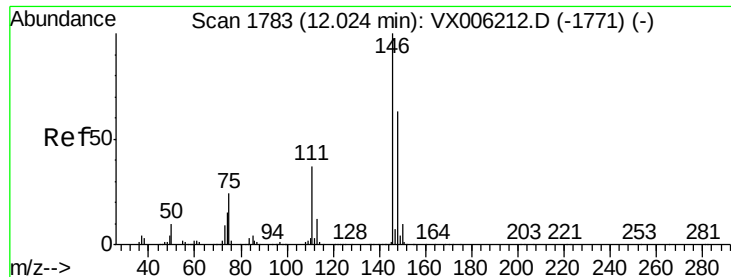
Ion Ratio Lower Upper

119 100

134 28.1 13.9 41.6

91 23.0 11.3 33.8





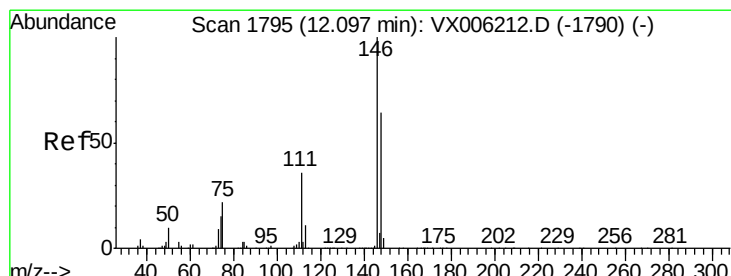
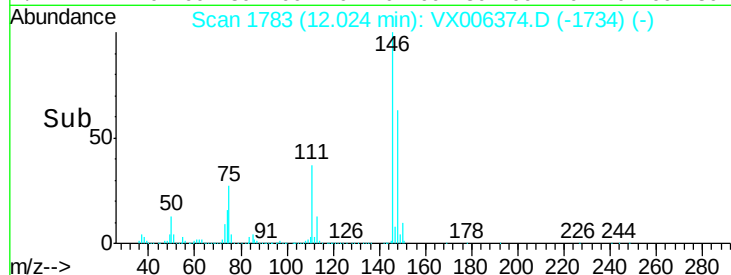
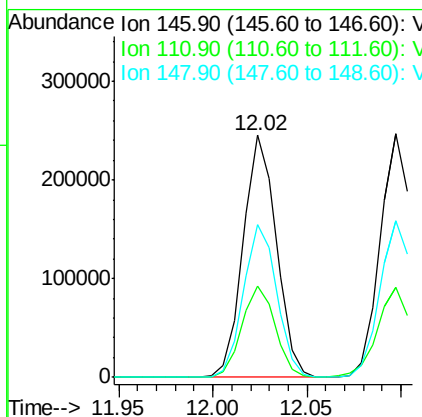
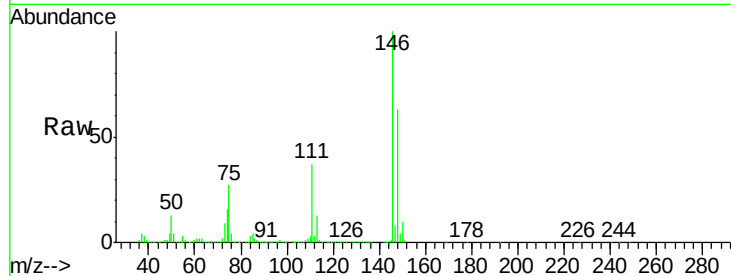
#87
 1,3-Dichlorobenzene
 Concen: 20.090 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006374.D
 Acq: 10 Dec 2018 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	299812		
111	38.0		18.4	55.2
148	63.4		32.0	96.0

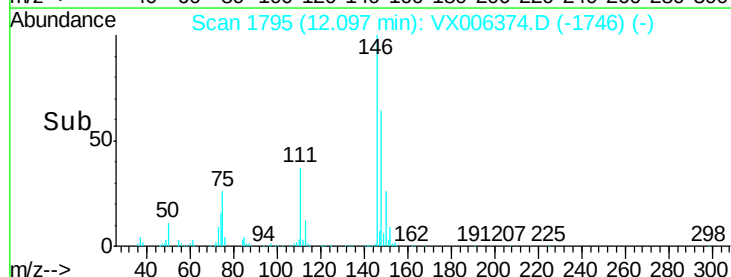
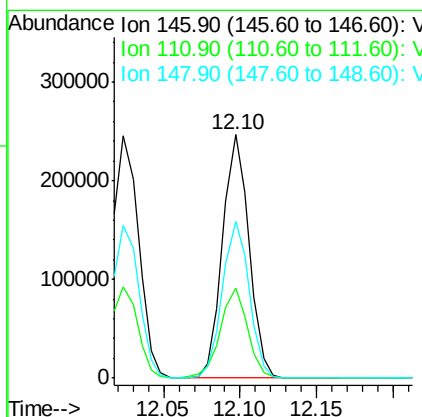
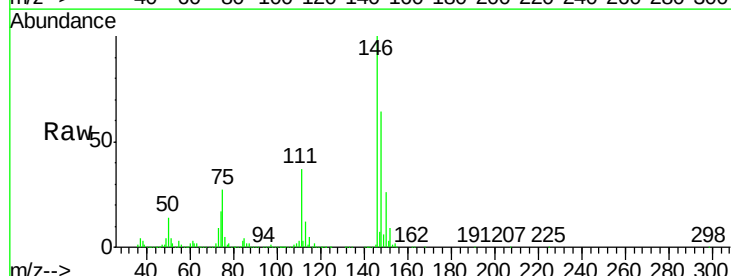
Manual Integrations
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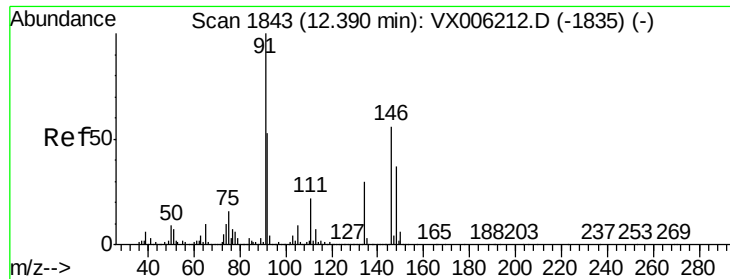
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 12/11/2018 10:54:48 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.540 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006374.D
 Acq: 10 Dec 2018 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	295971		
111	38.4		18.3	54.8
148	65.5		31.9	95.9





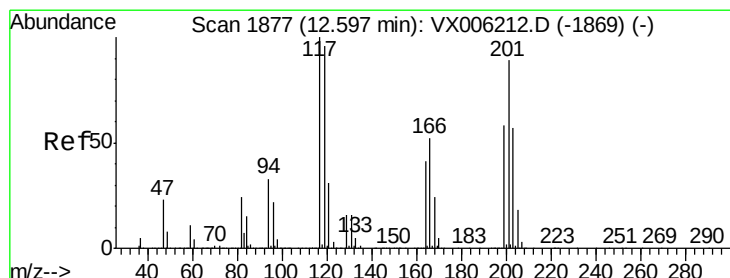
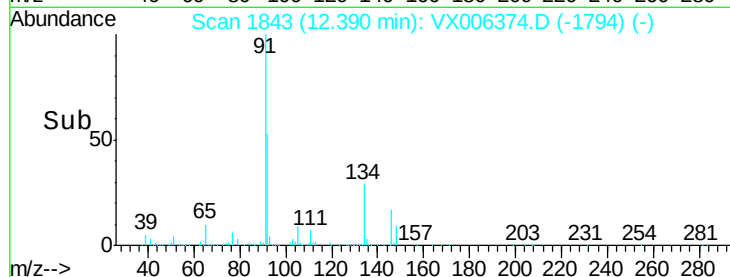
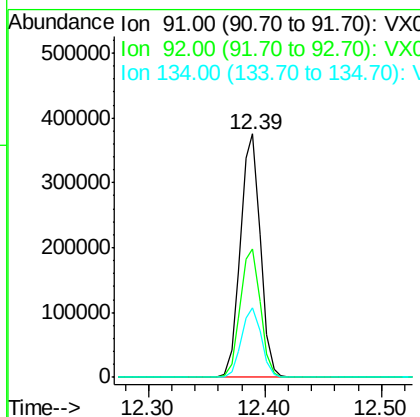
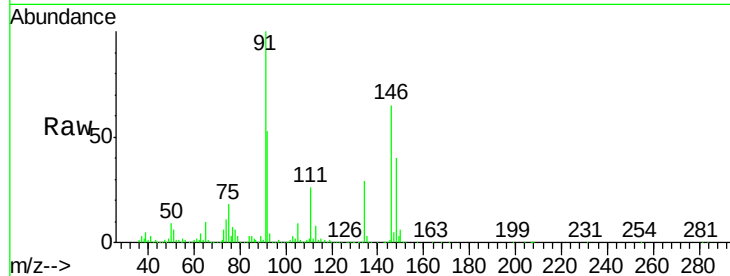
#89
n-Butylbenzene
Concen: 19.073 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.6	79.8
134	28.7	14.8	44.3

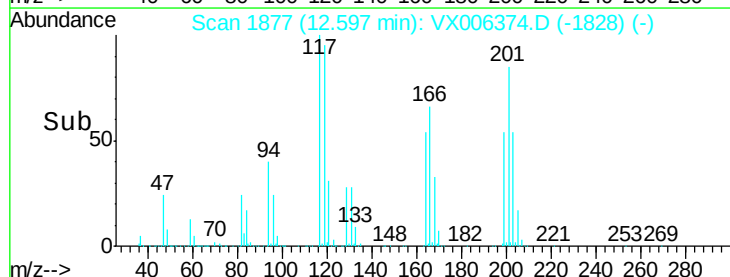
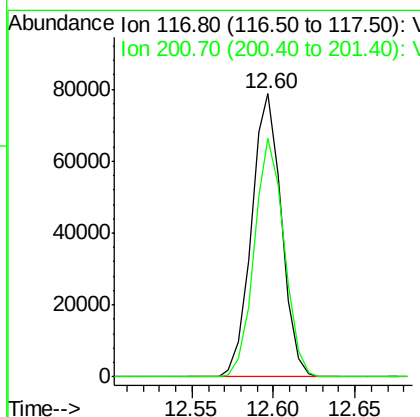
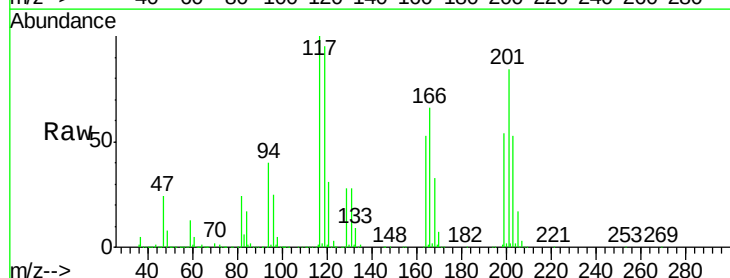
Manual Integrations
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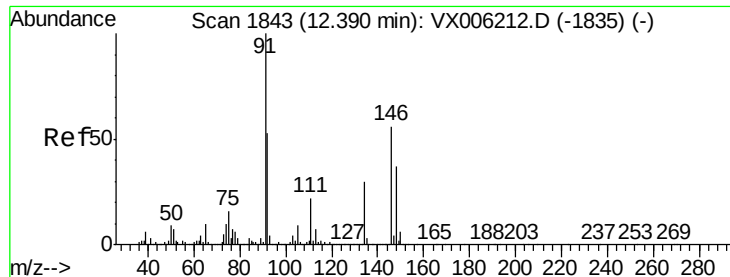
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#90
Hexachloroethane
Concen: 17.948 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.7	44.7	134.1





#91

1,2-Dichlorobenzene

Concen: 20.642 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Instrument :

MSVOA_X

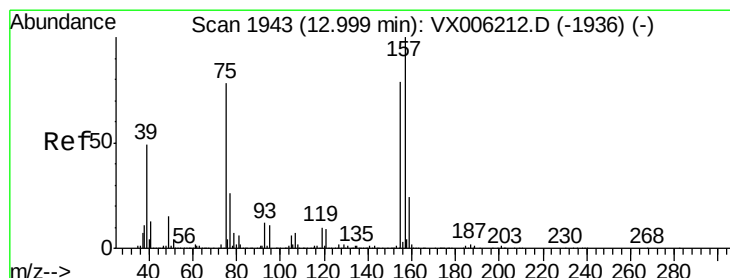
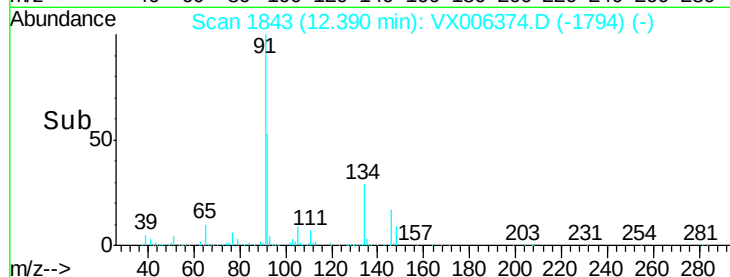
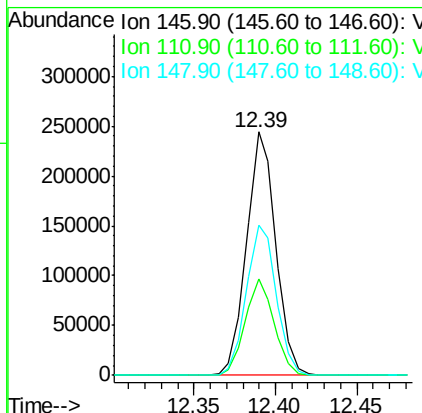
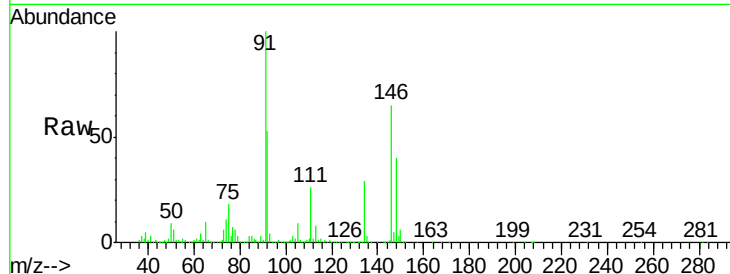
ClientSampleId :

VX1210WBSD01

Tot Ion:	146	Resp:	305740
Ion Ratio	Lower	Upper	
146	100		
111	39.1	19.1	57.3
148	63.2	32.1	96.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.254 ug/l

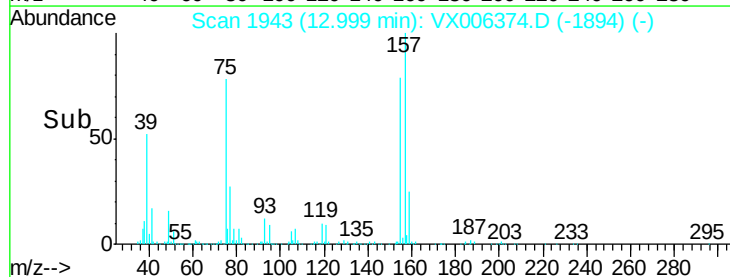
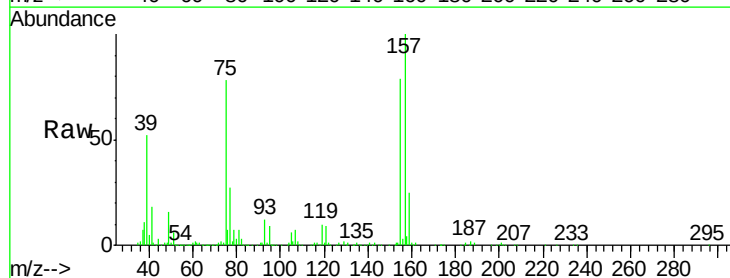
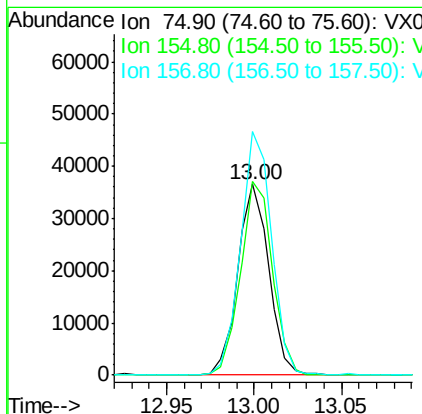
RT: 13.00 min Scan# 1943

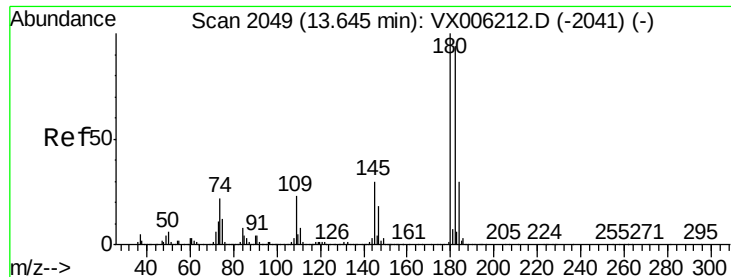
Delta R.T. 0.00 min

Lab File: VX006374.D

Acq: 10 Dec 2018 17:05

Tgt Ion:	75	Resp:	45243
Ion Ratio	Lower	Upper	
75	100		
155	103.7	53.4	160.3
157	127.2	68.0	203.8





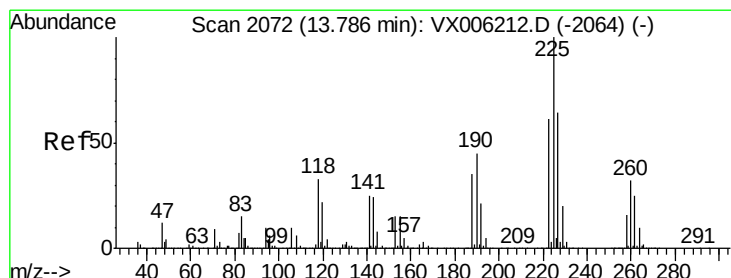
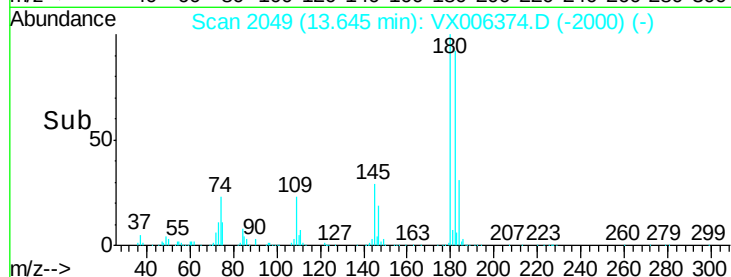
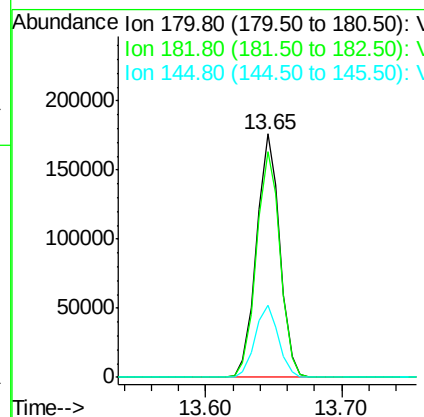
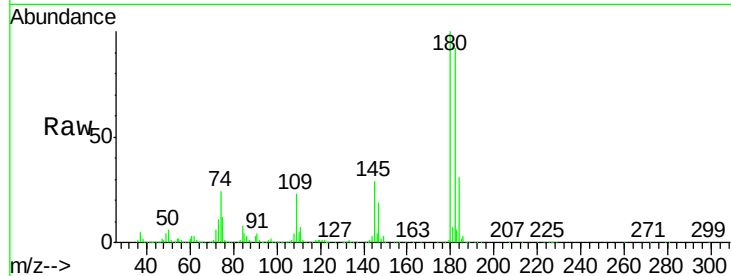
#93
 1,2,4-Trichlorobenzene
 Concen: 19.594 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006374.D
 Acq: 10 Dec 2018 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	211725		
182	94.3	47.3	141.9	
145	29.8	14.6	43.8	

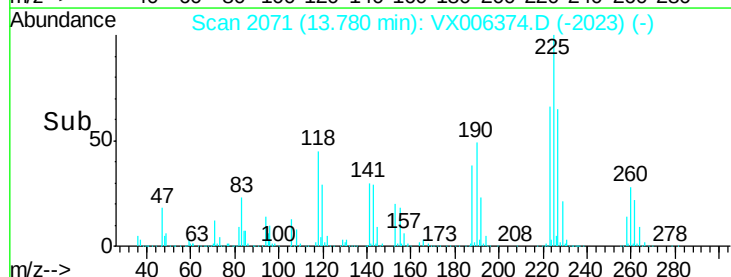
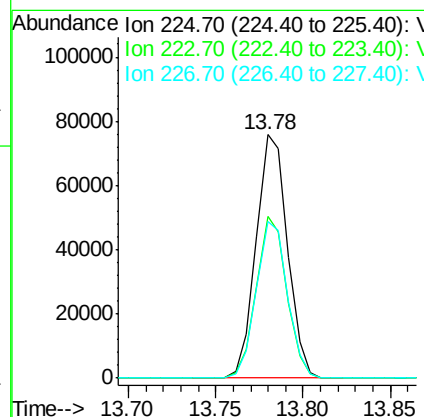
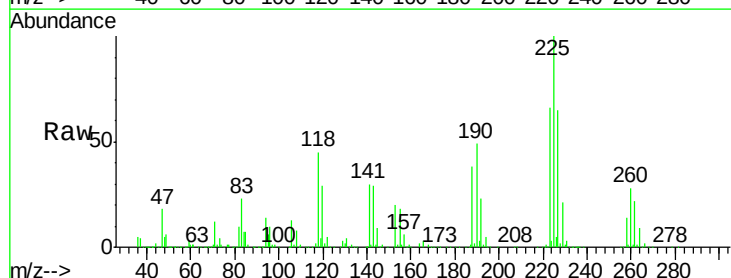
Manual Integrations
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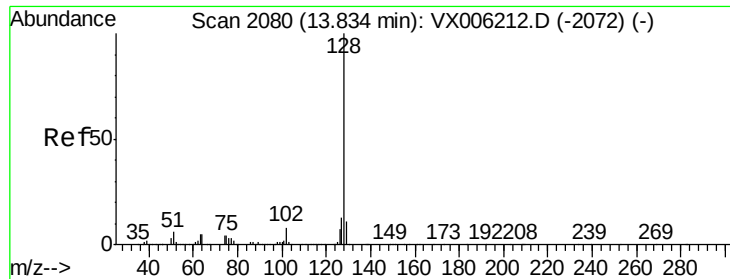
MMDadoda
 12/11/2018 10:54:48 AM



#94
 Hexachlorobutadiene
 Concen: 19.776 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006374.D
 Acq: 10 Dec 2018 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	94506		
223	64.6	31.2	93.6	
227	64.1	31.9	95.5	





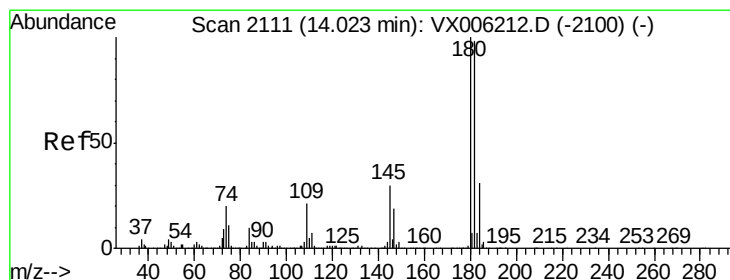
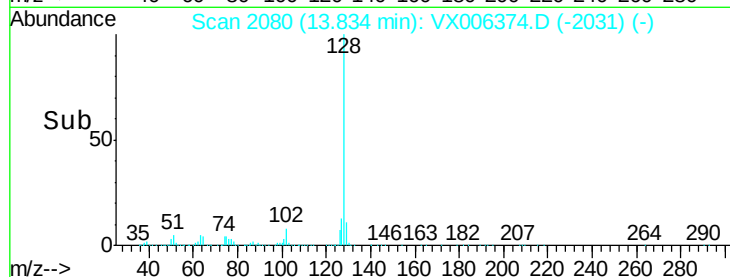
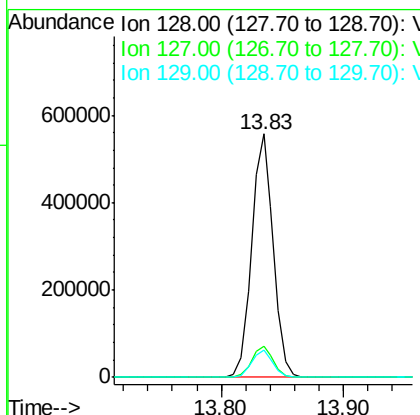
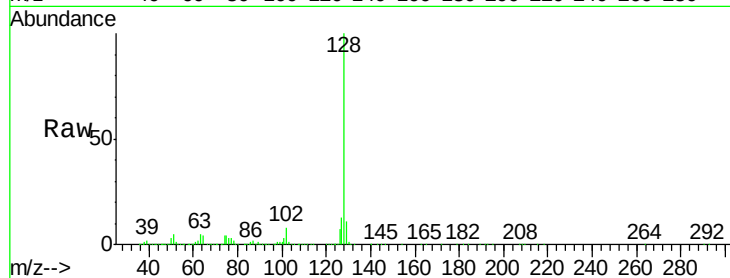
#95
Naphthalene
Concen: 20.277 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/11/2018 10:54:48 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.821 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006374.D
Acq: 10 Dec 2018 17:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.4	145.2
145	31.5	15.6	46.8

