

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011720\
 Data File : VX014648.D
 Acq On : 17 Jan 2020 12:38
 Operator : JC/SP
 Sample : VX0117WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/20/2020 11:19:49 AM

Quant Time: Jan 18 05:35:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	437606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	656848	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	592426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	300065	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	248486	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
35) Dibromofluoromethane	5.48	113	201476	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	8.71	98	775469	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	11.13	95	276584	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	100369	18.633	ug/l	98
3) Chloromethane	1.32	50	106549	19.101	ug/l	98
4) Vinyl Chloride	1.40	62	119631	19.246	ug/l	98
5) Bromomethane	1.63	94	70966	17.224	ug/l	95
6) Chloroethane	1.72	64	66102	18.710	ug/l	98
7) Trichlorofluoromethane	1.92	101	134248	19.039	ug/l	99
8) Diethyl Ether	2.18	74	61378	19.080	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	82812	19.305	ug/l	98
10) Methyl Iodide	2.50	142	98918	19.257	ug/l	98
11) Tert butyl alcohol	3.02	59	103260	101.234	ug/l	99
12) 1,1-Dichloroethene	2.37	96	78123	18.076	ug/l	98
13) Acrolein	2.28	56	57279	70.060	ug/l	96
14) Allyl chloride	2.72	41	142188	18.738	ug/l	98
15) Acrylonitrile	3.12	53	247449	100.514	ug/l	99
16) Acetone	2.43	43	209454	82.715	ug/l	100
17) Carbon Disulfide	2.56	76	201057	16.672	ug/l	99
18) Methyl Acetate	2.76	43	154477	22.001	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	275394	19.849	ug/l	99
20) Methylene Chloride	2.84	84	92543	18.831	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	83841	17.769	ug/l	94
22) Diisopropyl ether	3.84	45	304619	20.773	ug/l	94
23) Vinyl Acetate	3.80	43	1149137	101.216	ug/l	100
24) 1,1-Dichloroethane	3.69	63	158992	19.931	ug/l	99
25) 2-Butanone	4.65	43	343438	94.116	ug/l	99
26) 2,2-Dichloropropane	4.57	77	125161	18.521	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	99764	18.914	ug/l	98
28) Bromochloromethane	5.00	49	64033	19.050	ug/l	99
29) Tetrahydrofuran	5.11	42	226765	105.106	ug/l	97
30) Chloroform	5.20	83	157151	20.160	ug/l	98
31) Cyclohexane	5.57	56	143793	19.258	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	126860	19.012	ug/l	99
36) 1,1-Dichloropropene	5.79	75	115628	18.719	ug/l	99
37) Ethyl Acetate	4.81	43	136189	20.298	ug/l	99
38) Carbon Tetrachloride	5.77	117	109078	19.189	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

MMDadoda
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Quant Time: Jan 18 05:35:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	144126	18.572	ug/l	96
40) Benzene	6.13	78	358115	19.534	ug/l	100
41) Methacrylonitrile	5.02	41	73813	20.629	ug/l	97
42) 1,2-Dichloroethane	6.18	62	128426	20.035	ug/l	99
43) Isopropyl Acetate	6.43	43	222295	20.509	ug/l	98
44) Trichloroethene	7.20	130	99786	18.940	ug/l	100
45) 1,2-Dichloropropane	7.50	63	95479	20.427	ug/l	100
46) Dibromomethane	7.65	93	60950	18.683	ug/l	98
47) Bromodichloromethane	7.89	83	116836	19.682	ug/l	96
48) Methyl methacrylate	7.76	41	105329	20.290	ug/l	98
49) 1,4-Dioxane	7.73	88	46328	421.177	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	687376	104.071	ug/l	98
52) Toluene	8.78	92	225571	19.221	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	127746	18.484	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	145005	19.423	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	93094	19.749	ug/l	98
56) Ethyl methacrylate	9.17	69	143301	19.843	ug/l	98
57) 1,3-Dichloropropane	9.36	76	160965	20.423	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	240794	97.998	ug/l	99
59) 2-Hexanone	9.48	43	518441	99.203	ug/l	100
60) Dibromochloromethane	9.57	129	94332	19.910	ug/l	99
61) 1,2-Dibromoethane	9.67	107	97352	19.496	ug/l	98
64) Tetrachloroethene	9.33	164	110016	18.529	ug/l	98
65) Chlorobenzene	10.13	112	245433	19.090	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	90059	19.629	ug/l	99
67) Ethyl Benzene	10.25	91	423081	19.307	ug/l	99
68) m/p-Xylenes	10.35	106	324097	38.336	ug/l	98
69) o-Xylene	10.69	106	156343	19.382	ug/l	99
70) Styrene	10.71	104	262710	18.872	ug/l	99
71) Bromoform	10.85	173	68846	18.340	ug/l #	98
73) Isopropylbenzene	11.01	105	415736	19.730	ug/l	99
74) N-amyl acetate	10.89	43	180469	19.413	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	139986	20.716	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	119579m	19.261	ug/l	
77) Bromobenzene	11.25	156	110124	18.846	ug/l	98
78) n-propylbenzene	11.35	91	471577	19.542	ug/l	100
79) 2-Chlorotoluene	11.42	91	283514	19.713	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	353147	20.187	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42698	18.183	ug/l	89
82) 4-Chlorotoluene	11.51	91	322862	19.125	ug/l	98
83) tert-Butylbenzene	11.76	119	322805	19.529	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	351252	19.871	ug/l	99
85) sec-Butylbenzene	11.94	105	400794	19.505	ug/l	99
86) p-Isopropyltoluene	12.06	119	370853	19.449	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	190063	18.124	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	194805	19.414	ug/l	99
89) n-Butylbenzene	12.38	91	315607	18.103	ug/l	99
90) Hexachloroethane	12.59	117	61967	18.501	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	192131	18.700	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29527	19.426	ug/l	95

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD01

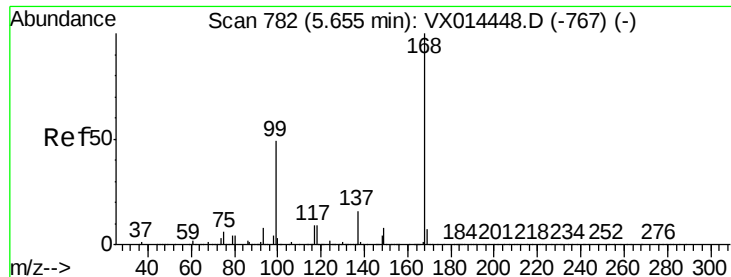
Manual Integrations
APPROVED

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1/20/2020 11:19:49 AM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	131325	18.140	ug/l	98
94) Hexachlorobutadiene	13.77	225	65660	19.479	ug/l	99
95) Naphthalene	13.83	128	384819	17.193	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	131623	18.428	ug/l	100

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



#1

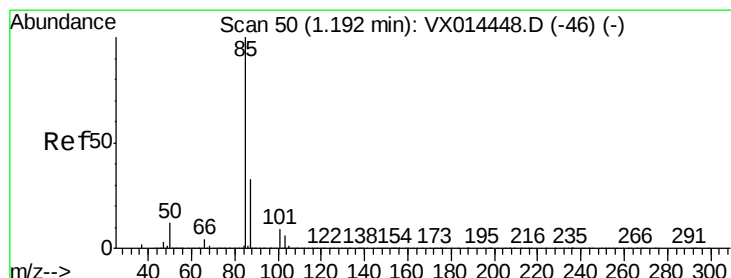
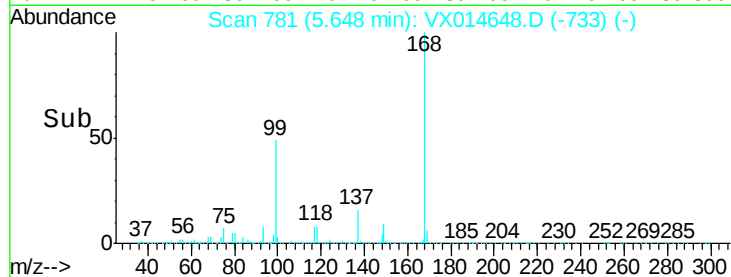
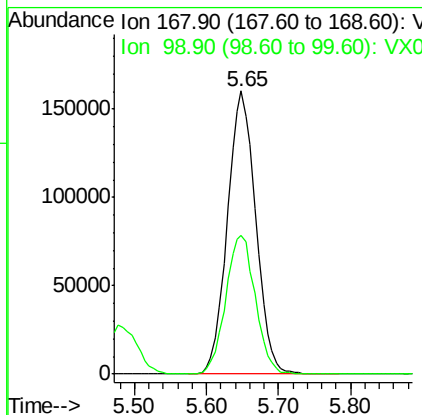
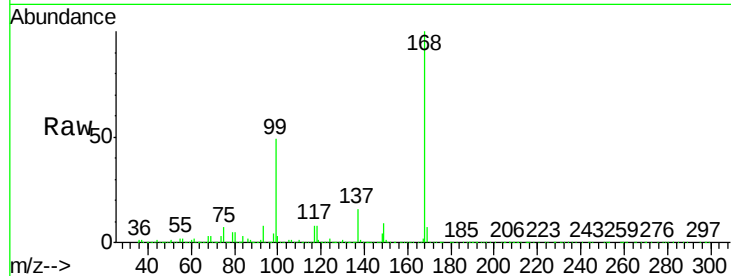
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.0	39.2	58.8

Manual Integrations
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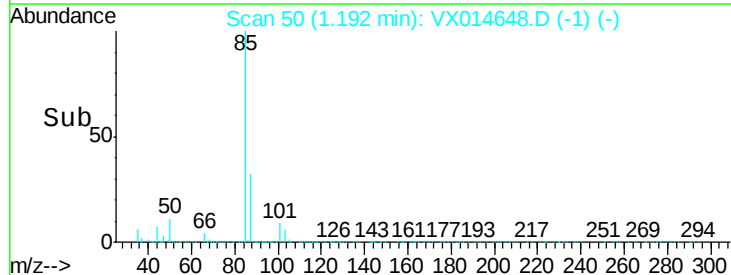
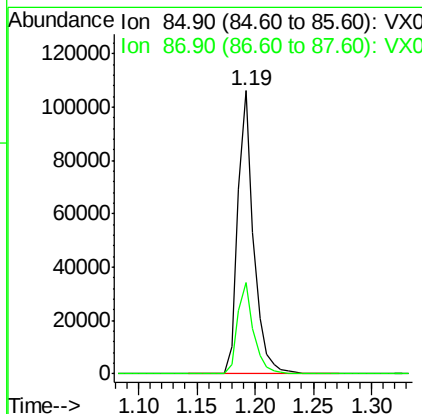
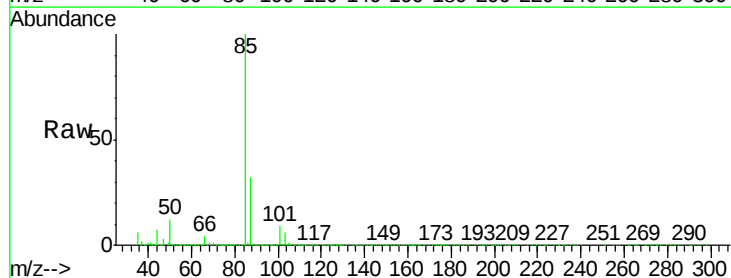
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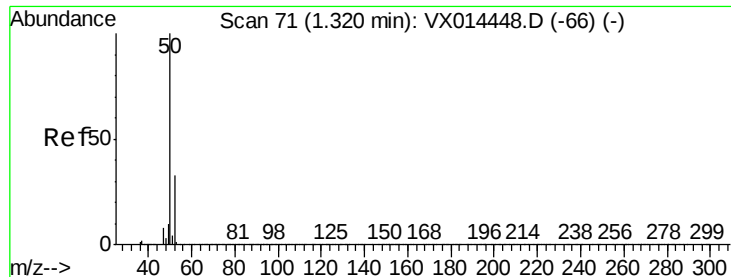


#2

Dichlorodifluoromethane
 Concen: 18.633 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.5	49.5





#3

Chloromethane

Concen: 19.101 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD01

Tot Ion: 50 Resp: 106549

Ion Ratio Lower Upper

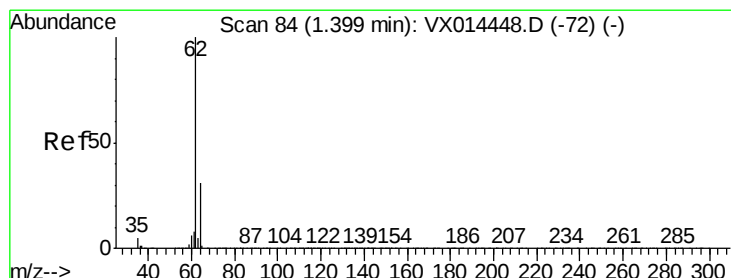
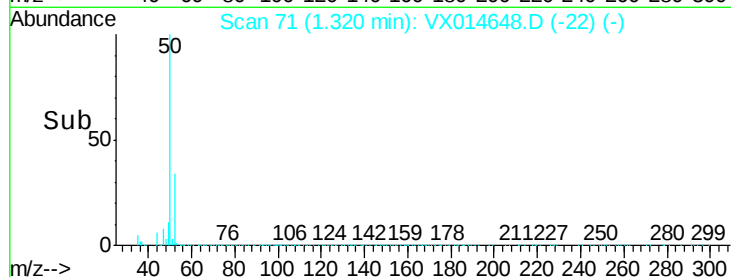
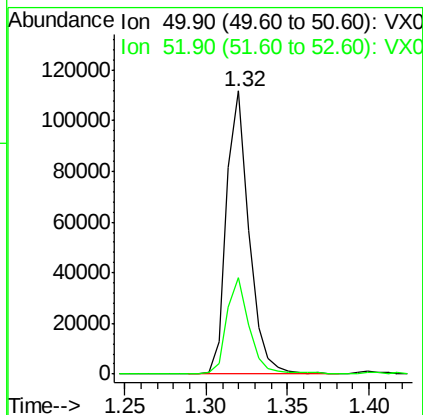
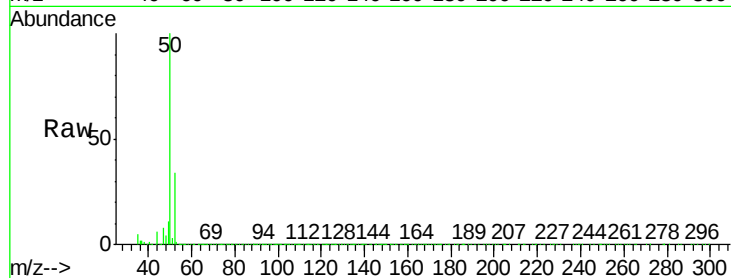
50 100

52 33.7 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.246 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014648.D

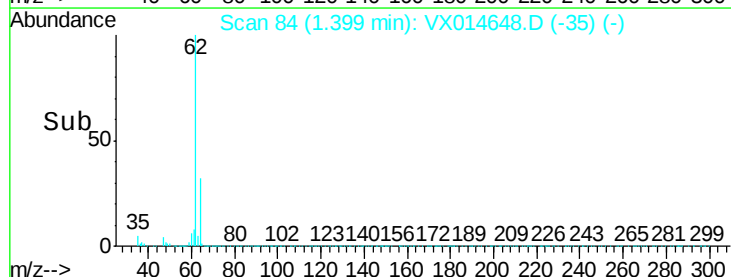
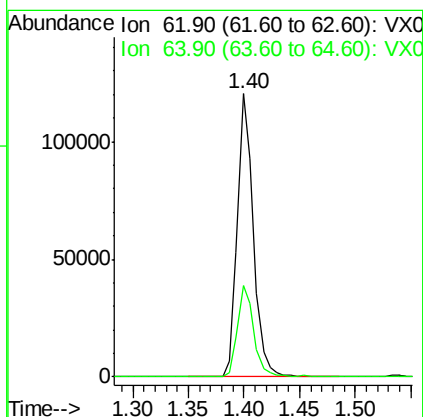
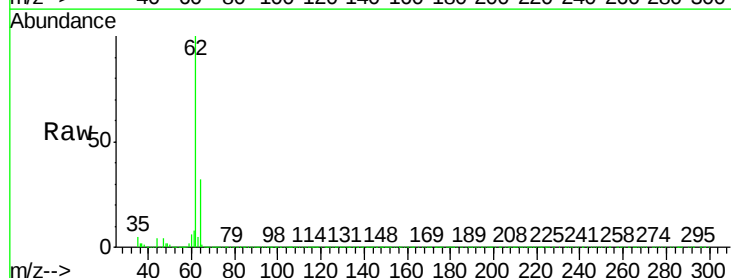
Acq: 17 Jan 2020 12:38

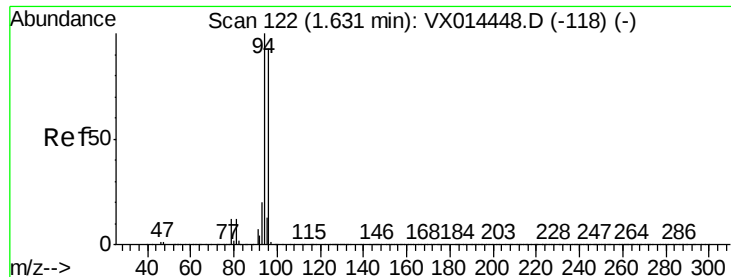
Tgt Ion: 62 Resp: 119631

Ion Ratio Lower Upper

62 100

64 32.1 24.6 37.0





#5

Bromomethane

Concen: 17.224 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD01

Tot Ion: 94 Resp: 70966

Ion Ratio Lower Upper

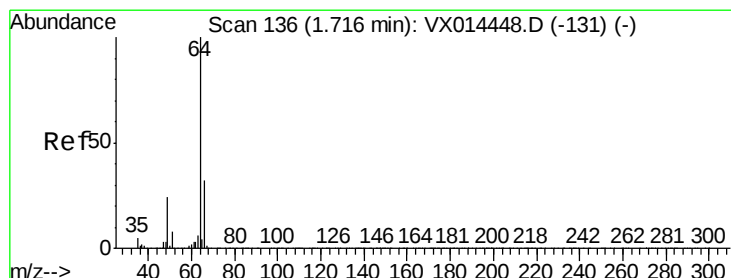
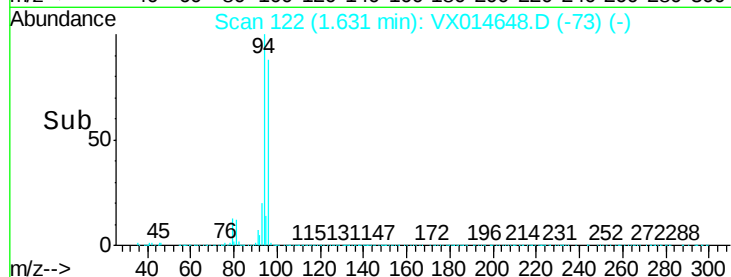
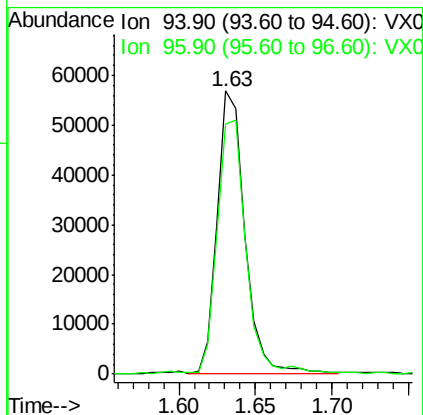
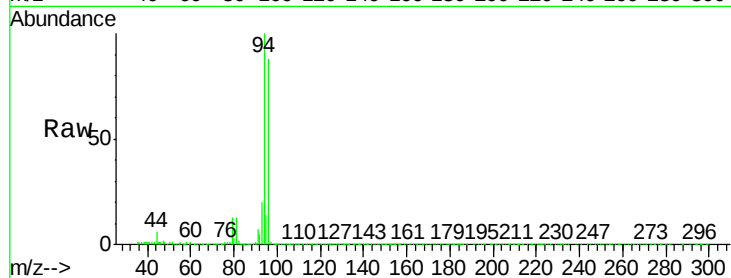
94 100

96 88.1 74.2 111.2

Manual Integrations
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#6

Chloroethane

Concen: 18.710 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014648.D

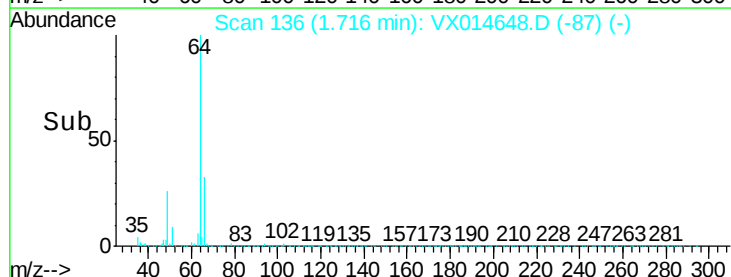
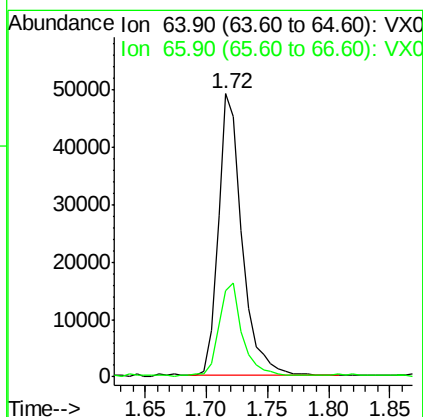
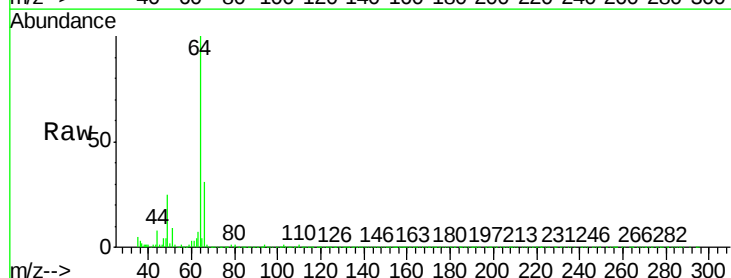
Acq: 17 Jan 2020 12:38

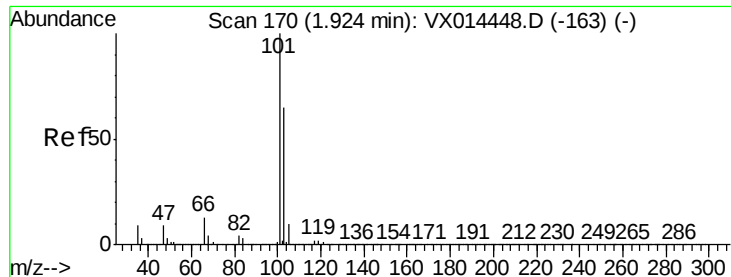
Tgt Ion: 64 Resp: 66102

Ion Ratio Lower Upper

64 100

66 30.3 25.3 37.9





#7

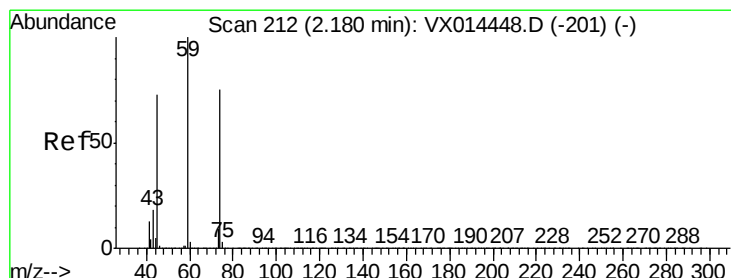
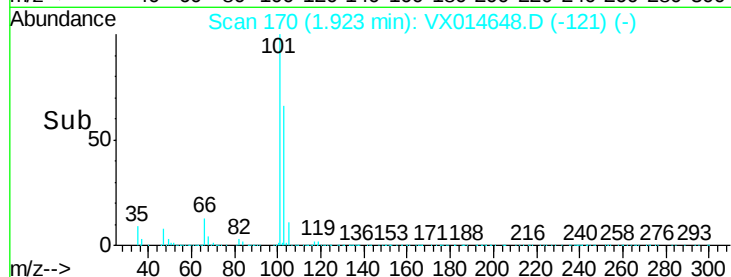
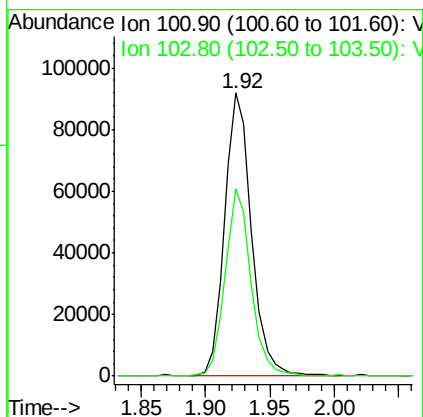
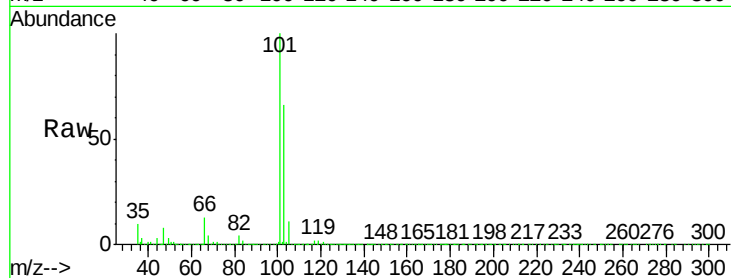
Trichlorofluoromethane
Concen: 19.039 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	52.2	78.4

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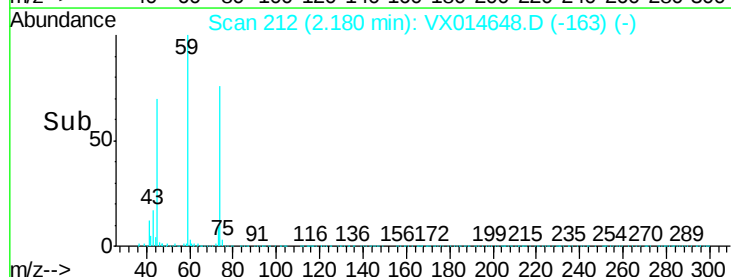
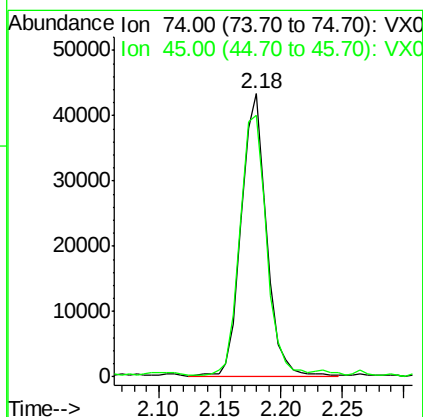
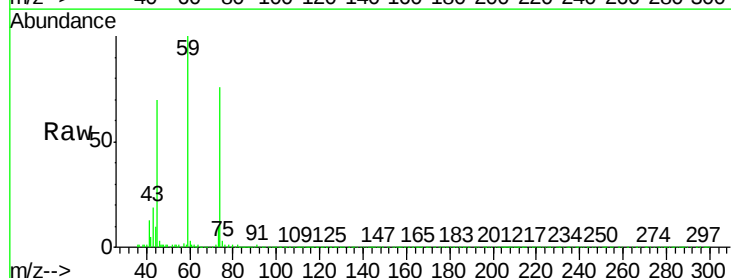
MMDadoda
1/20/2020 11:19:49 AM

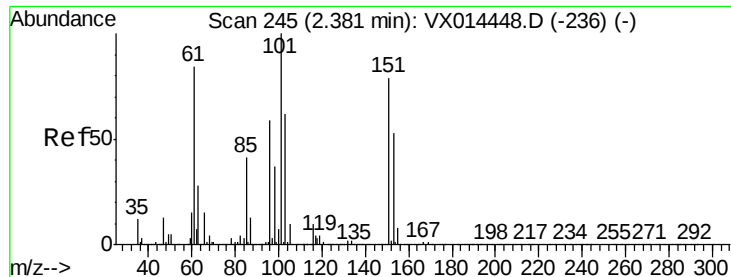


#8

Diethyl Ether
Concen: 19.080 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.305 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

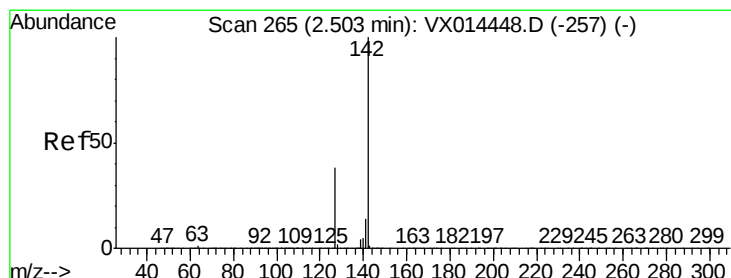
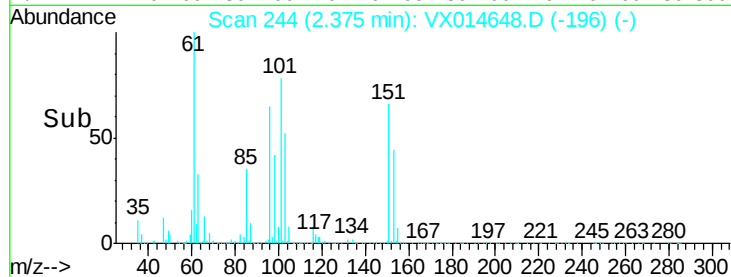
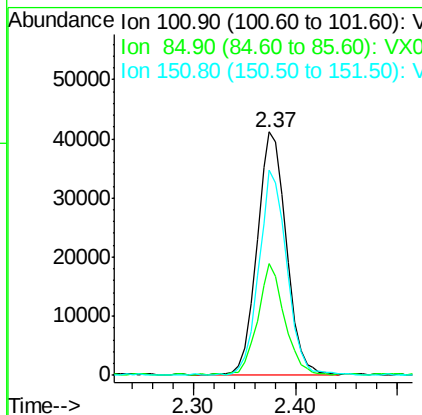
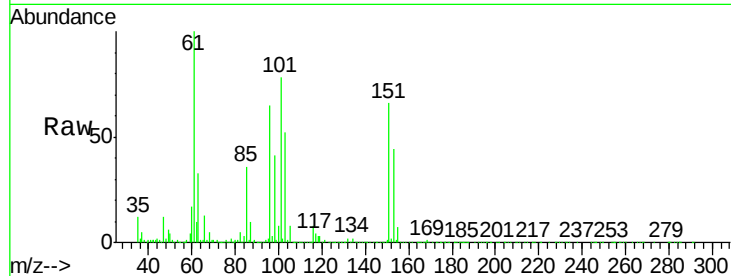
ClientSampleId :

VX0117WBSD01

Tot Ion:	101	Resp:	82812
Ion Ratio	Lower	Upper	
101	100		
85	41.0	33.8	50.8
151	79.5	65.3	97.9

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#10

Methyl Iodide

Concen: 19.257 ug/l

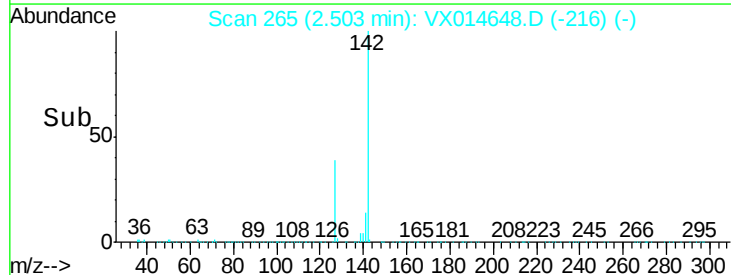
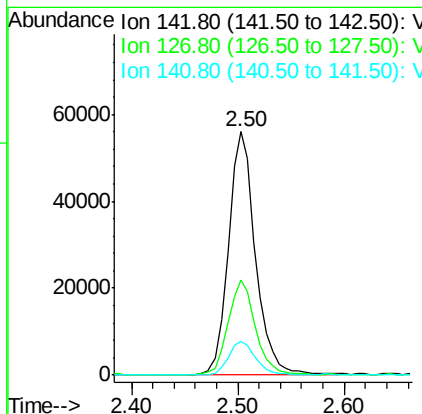
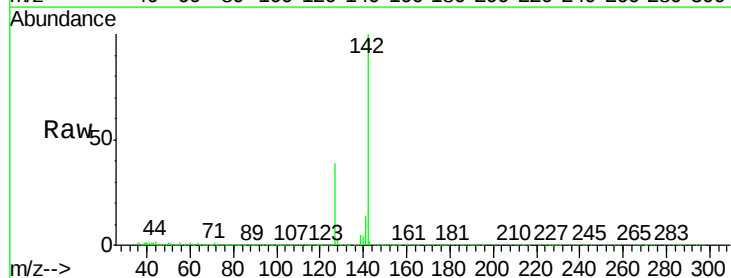
RT: 2.50 min Scan# 265

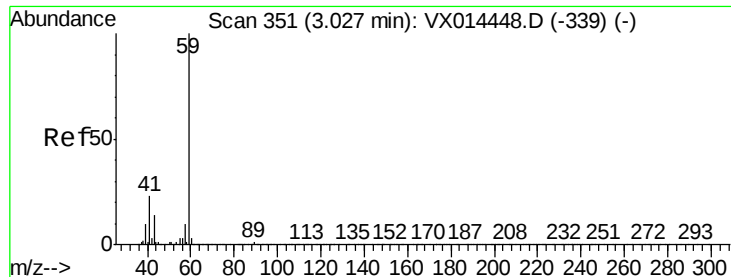
Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Tgt Ion:	142	Resp:	98918
Ion Ratio	Lower	Upper	
142	100		
127	40.3	31.2	46.8
141	14.5	11.4	17.2





#11

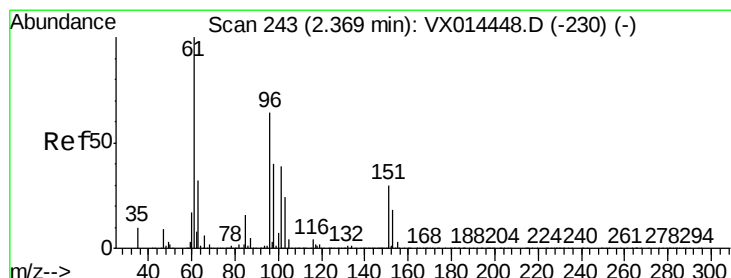
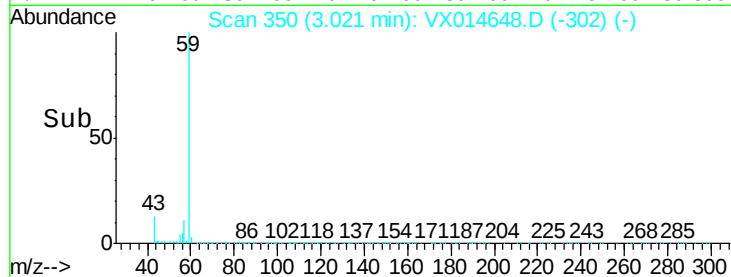
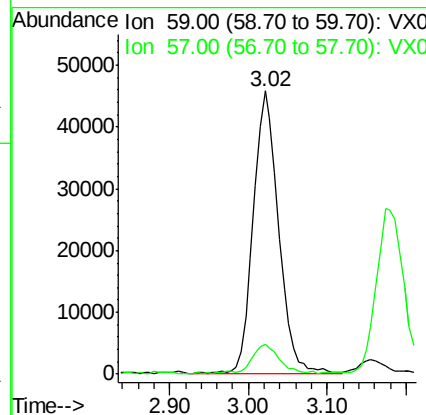
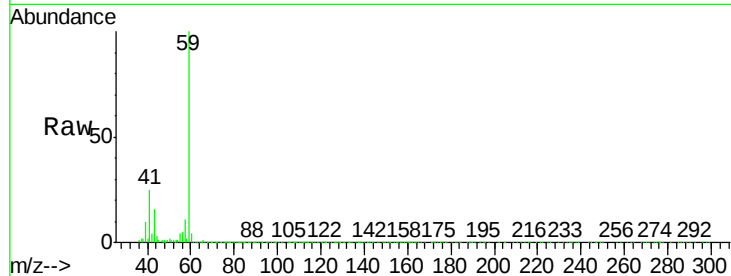
Tert butyl alcohol
 Concen: 101.234 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	11.1	8.5	12.7

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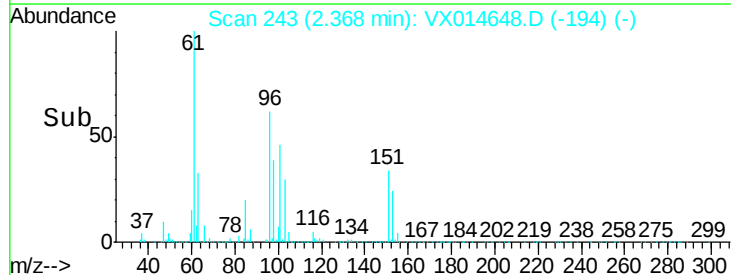
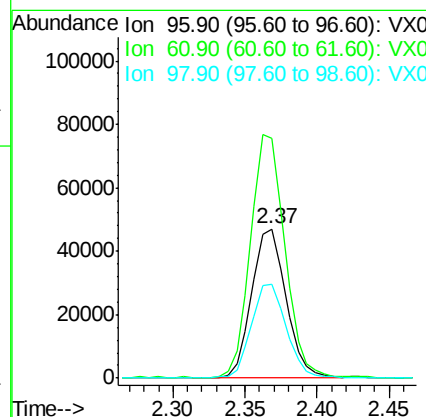
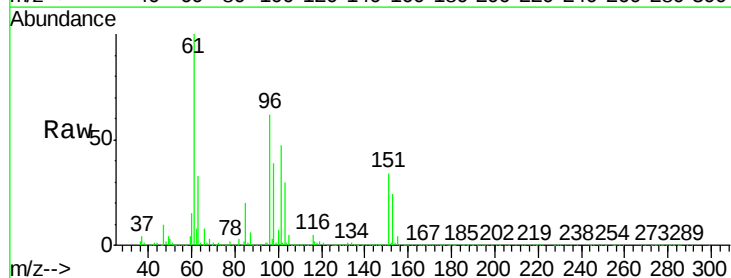
MMDadoda
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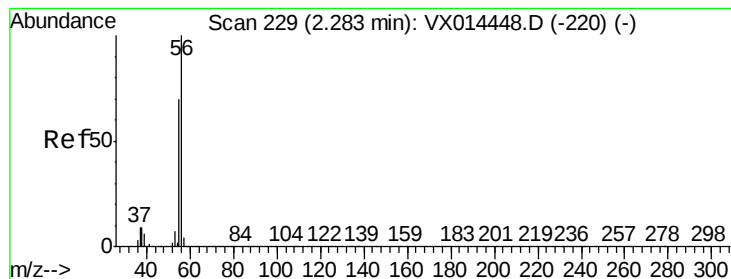


#12

1,1-Dichloroethene
 Concen: 18.076 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	160.1	125.0	187.6
98	98	62.5	50.2	75.2





#13

Acrolein

Concen: 70.060 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD01

Tot Ion: 56 Resp: 57279

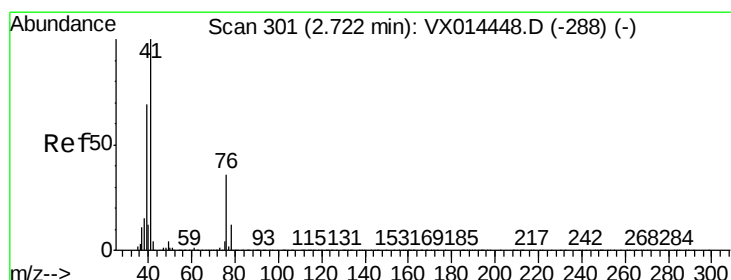
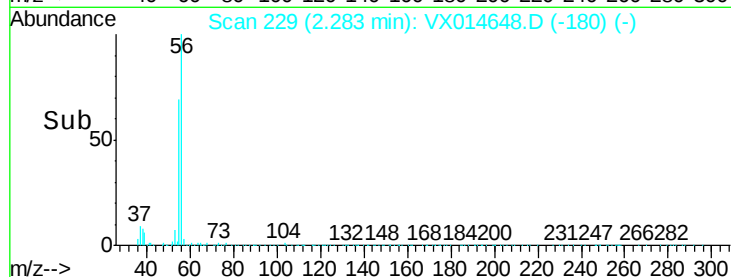
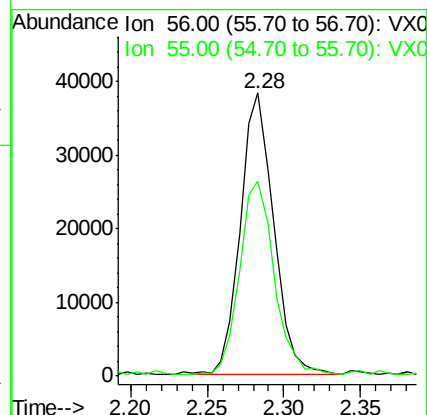
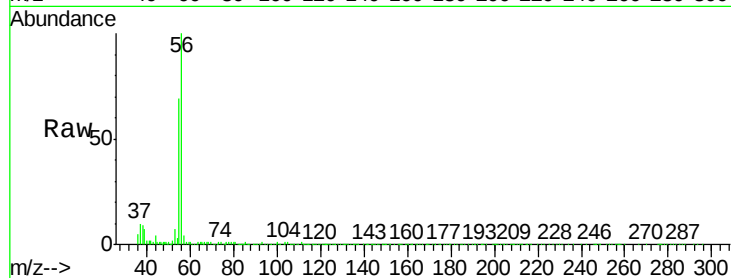
Ion Ratio Lower Upper

56 100

55 71.7 55.0 82.6

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#14

Allyl chloride

Concen: 18.738 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

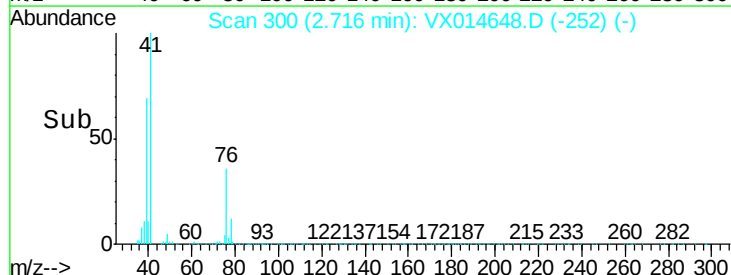
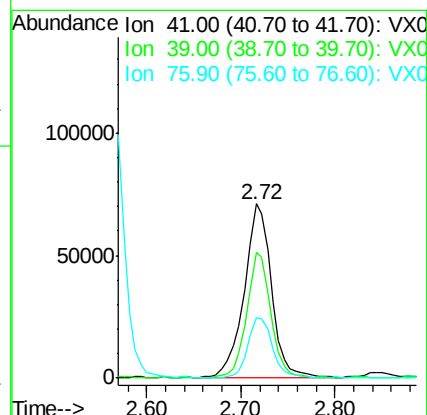
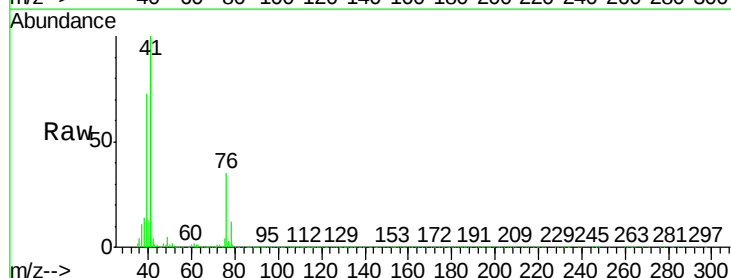
Tgt Ion: 41 Resp: 142188

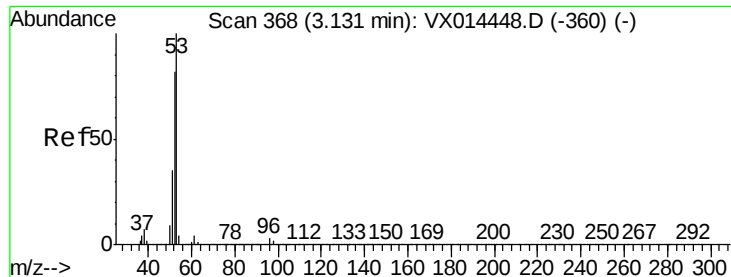
Ion Ratio Lower Upper

41 100

39 65.2 51.7 77.5

76 31.0 26.8 40.2





#15

Acrylonitrile

Concen: 100.514 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

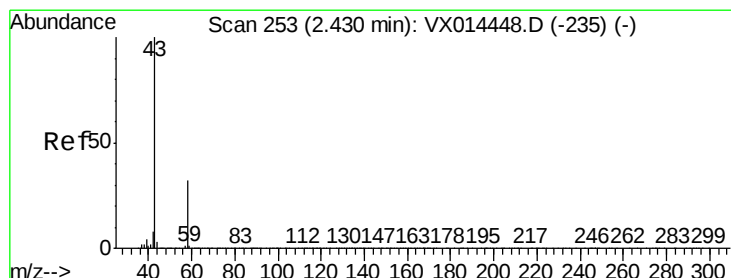
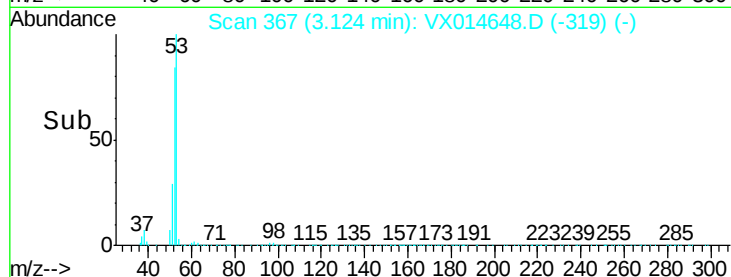
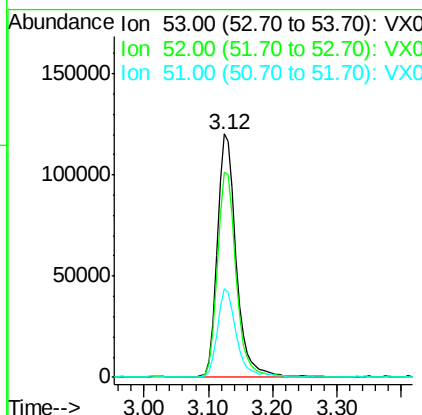
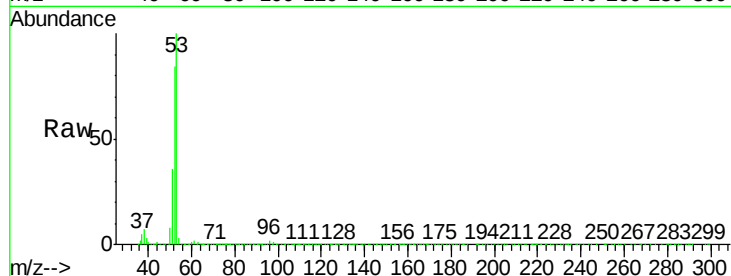
ClientSampleId :

VX0117WBSD01

Tot Ion:	53	Resp:	247449
Ion Ratio		Lower	Upper
53	100		
52	84.5	67.0	100.4
51	36.4	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 82.715 ug/l

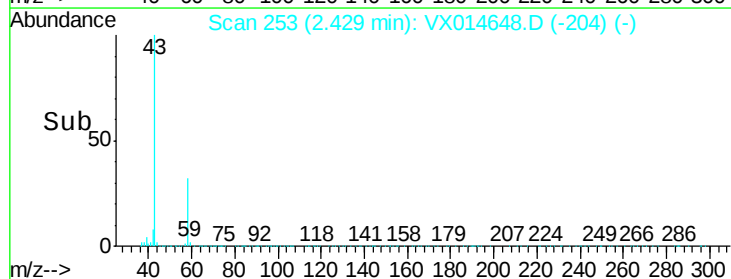
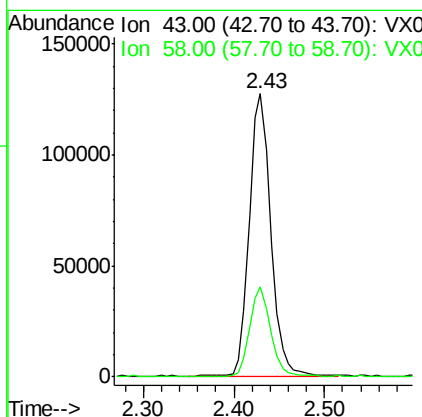
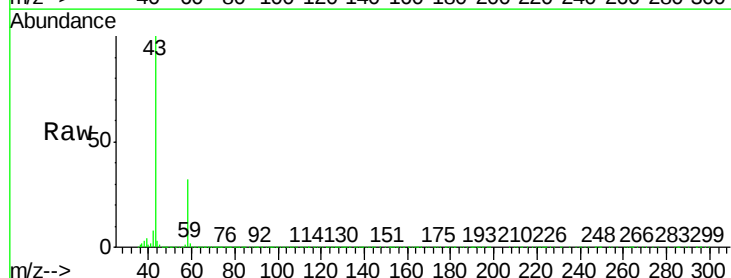
RT: 2.43 min Scan# 253

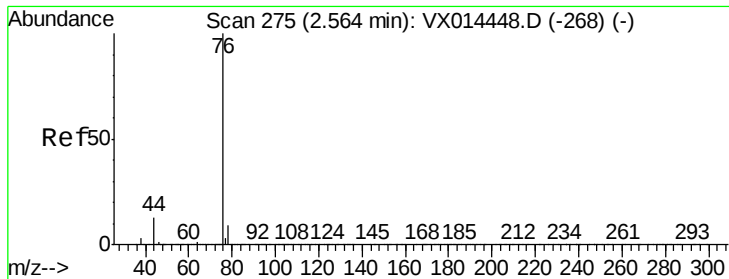
Delta R.T. 0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Tgt Ion:	43	Resp:	209454
Ion Ratio		Lower	Upper
43	100		
58	31.7	25.4	38.0





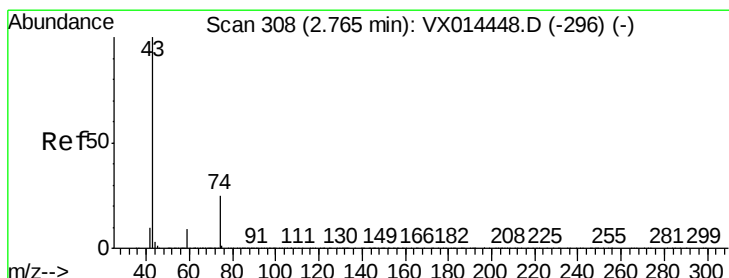
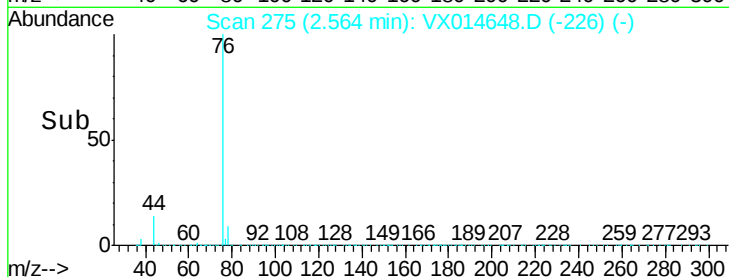
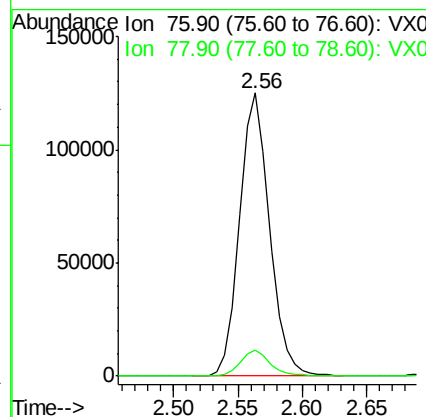
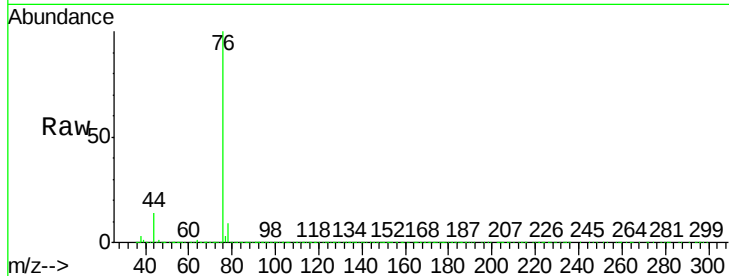
#17
Carbon Disulfide
Concen: 16.672 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.2

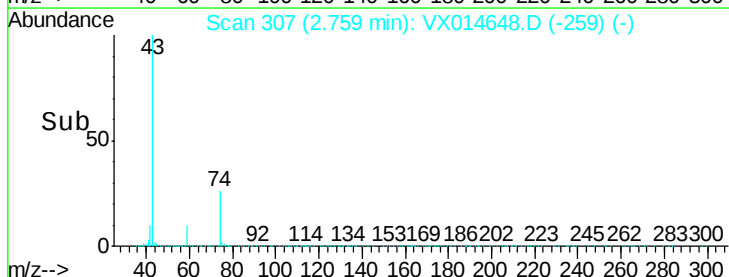
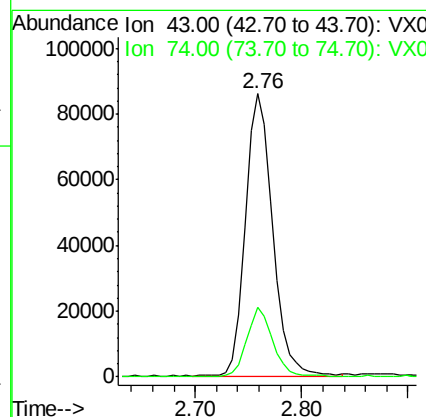
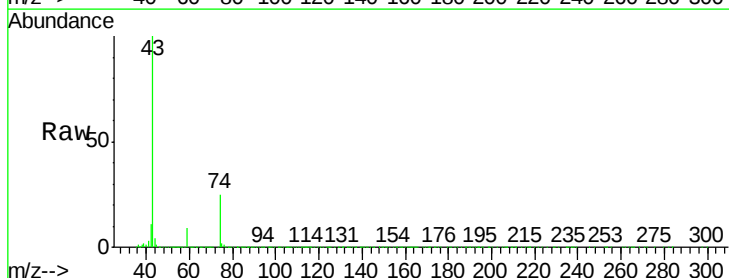
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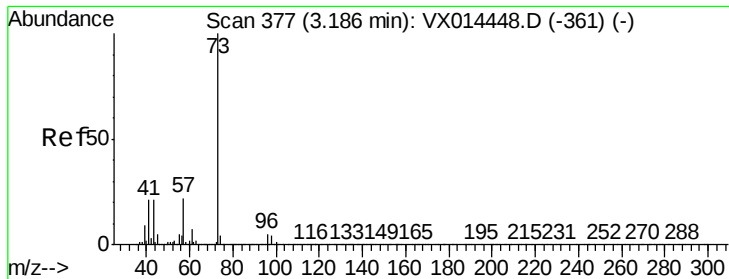
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#18
Methyl Acetate
Concen: 22.001 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.4	29.2





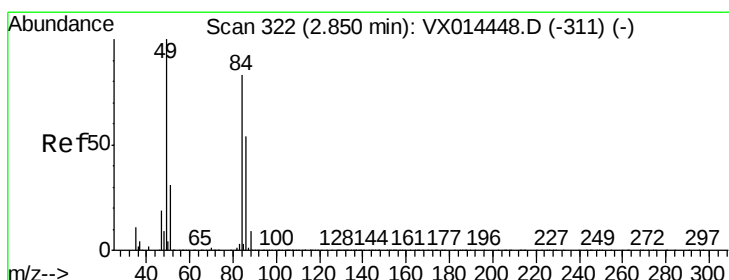
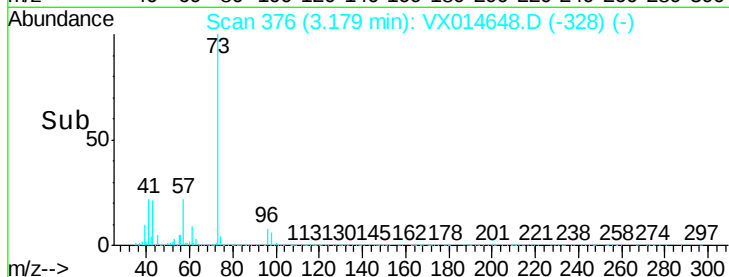
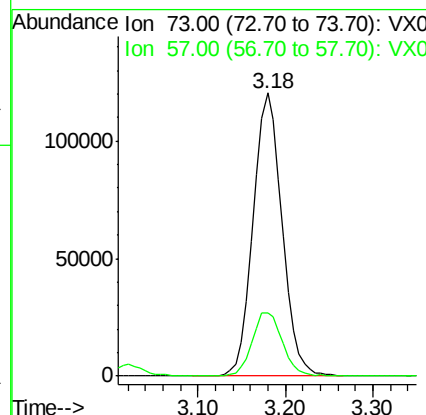
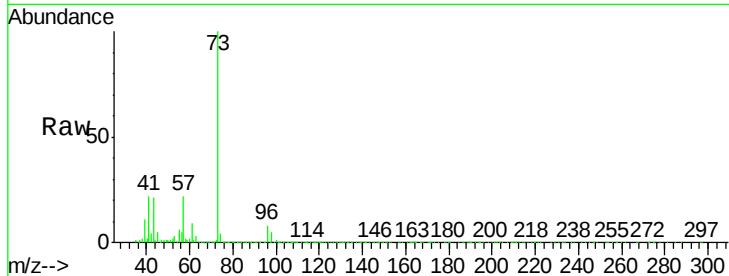
#19
Methyl tert-butyl Ether
Concen: 19.849 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.8	26.8

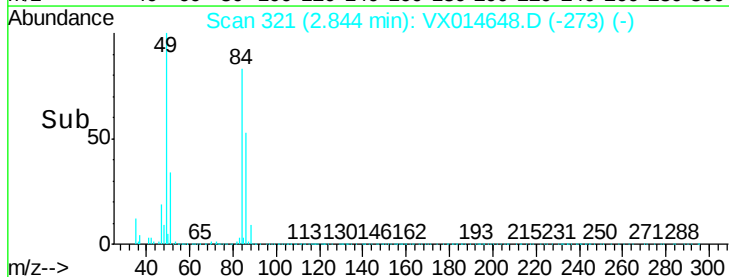
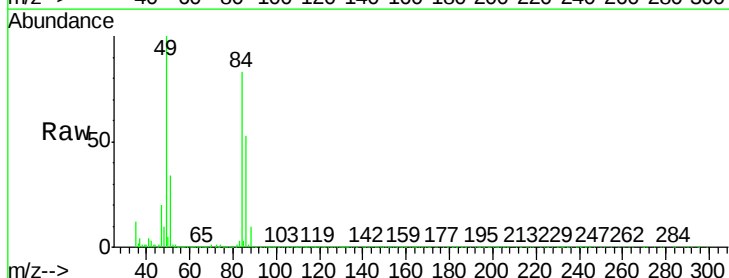
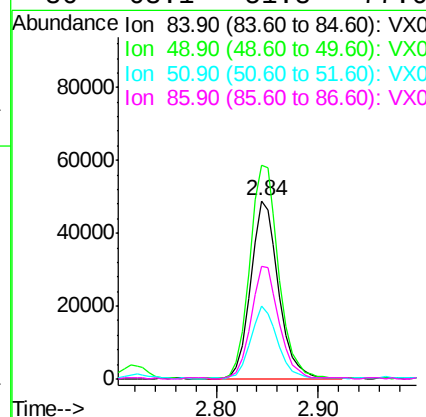
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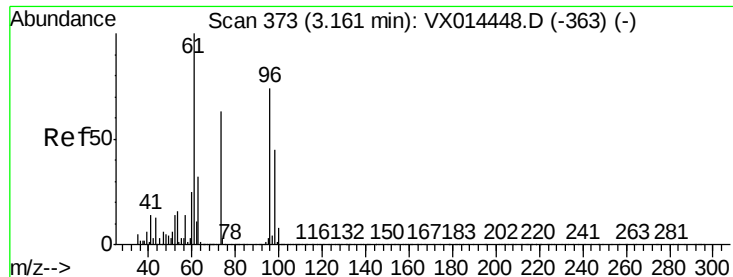
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#20
Methylene Chloride
Concen: 18.831 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.7	95.8	143.8
51	40.4	30.2	45.4
86	63.1	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 17.769 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

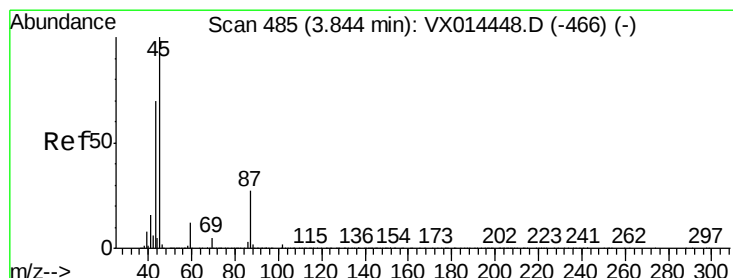
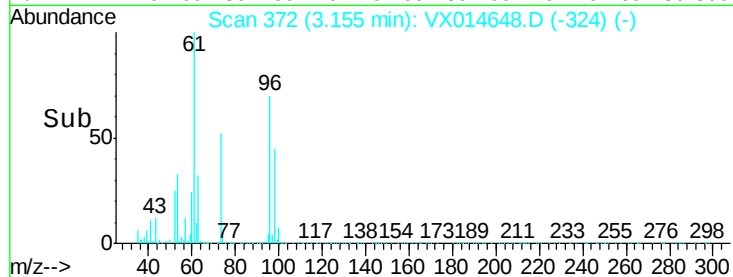
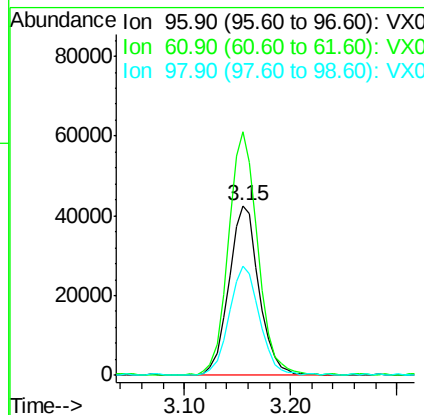
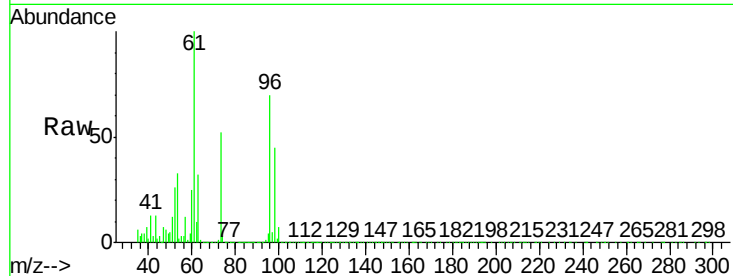
ClientSampleId :

VX0117WBSD01

Tot Ion:	96	Resp:	83841
Ion Ratio	Lower	Upper	
96	100		
61	143.3	108.2	162.4
98	64.5	48.8	73.2

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#22

Diisopropyl ether

Concen: 20.773 ug/l

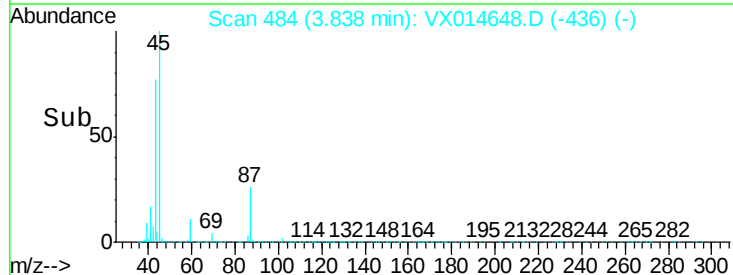
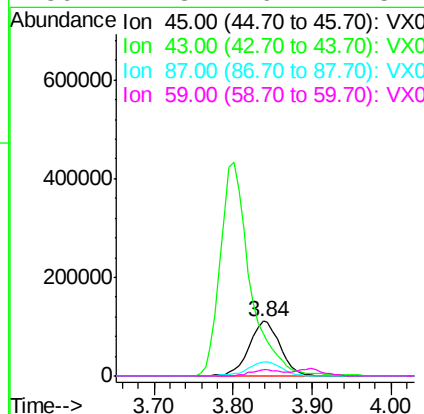
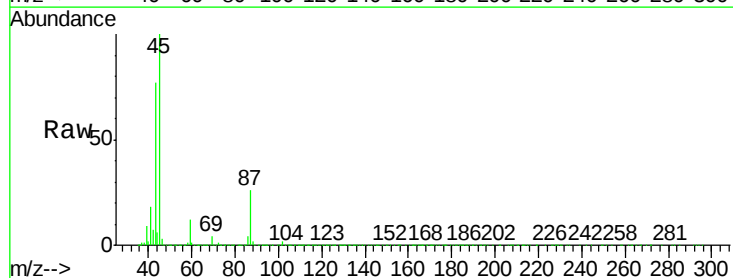
RT: 3.84 min Scan# 484

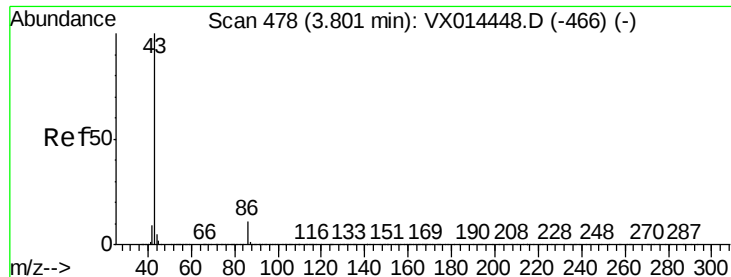
Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Tgt Ion:	45	Resp:	304619
Ion Ratio	Lower	Upper	
45	100		
43	77.0	55.8	83.6
87	26.1	21.8	32.8
59	11.3	9.1	13.7





#23

Vinyl Acetate

Concen: 101.216 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

ClientSampleID :

VX0117WBSD01

Tot Ion: 43 Resp: 1149137

Ion Ratio Lower Upper

43 100

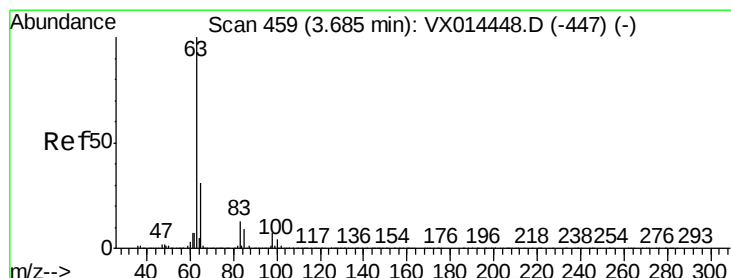
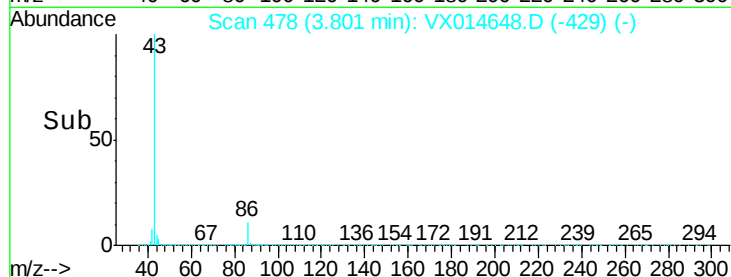
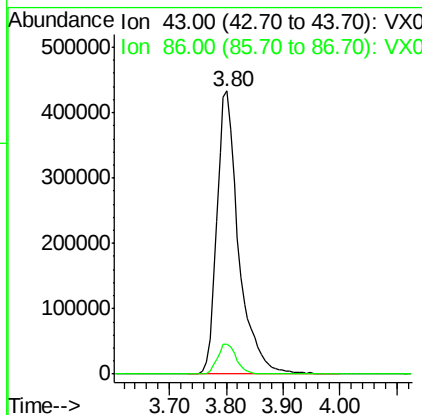
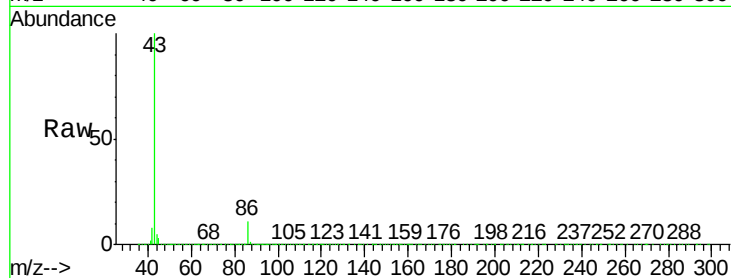
86 10.7 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 19.931 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

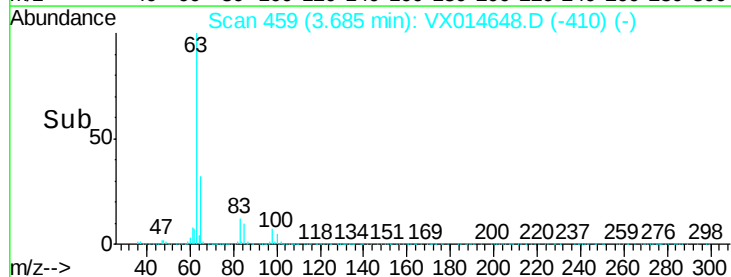
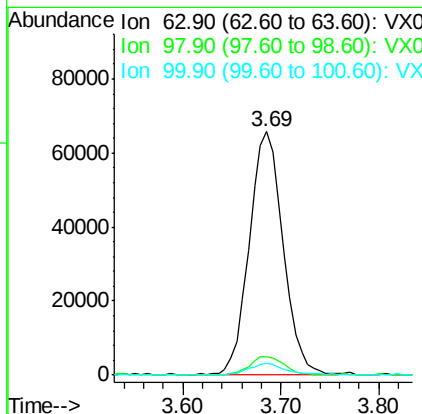
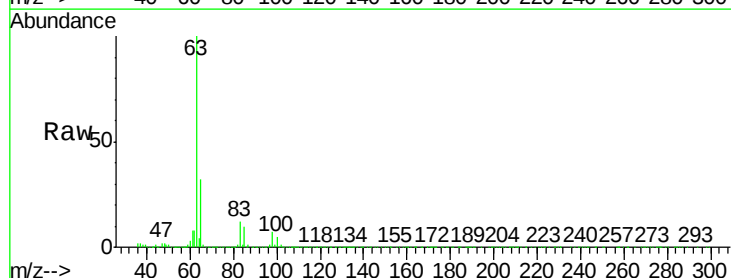
Tgt Ion: 63 Resp: 158992

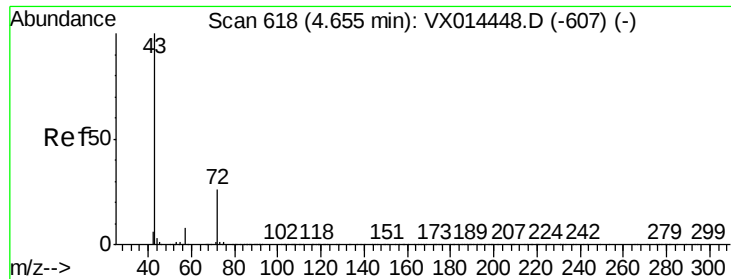
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 94.116 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD01

Tot Ion: 43 Resp: 343438

Ion Ratio Lower Upper

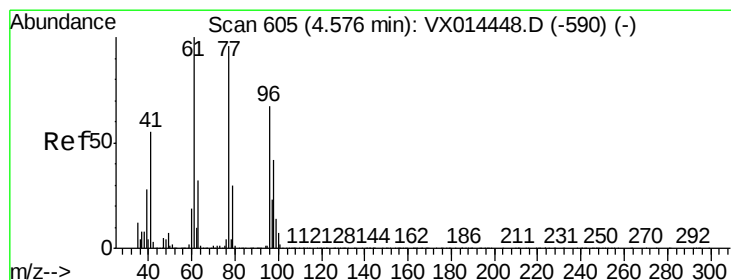
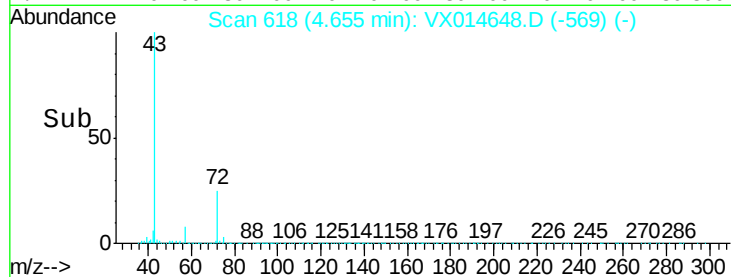
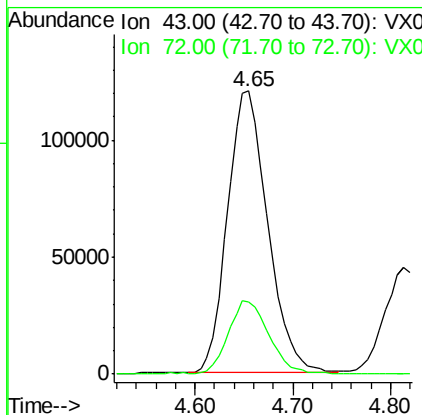
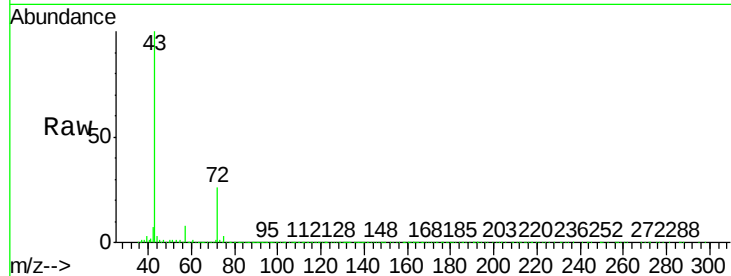
43 100

72 25.5 20.6 31.0

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 18.521 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014648.D

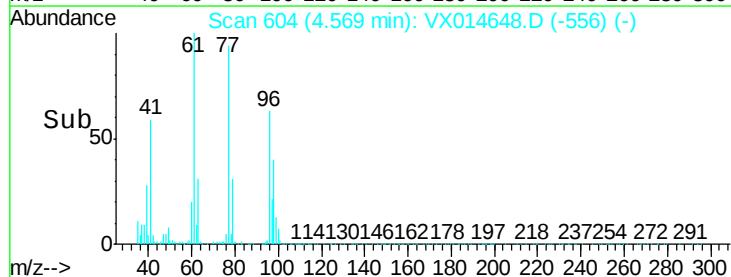
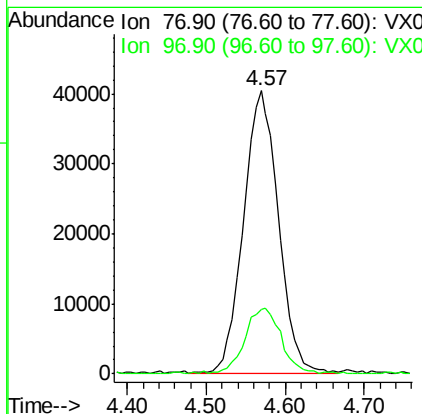
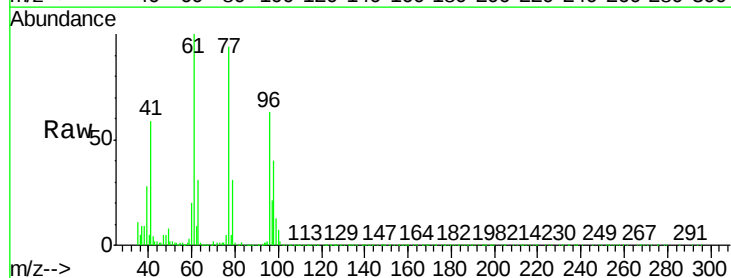
Acq: 17 Jan 2020 12:38

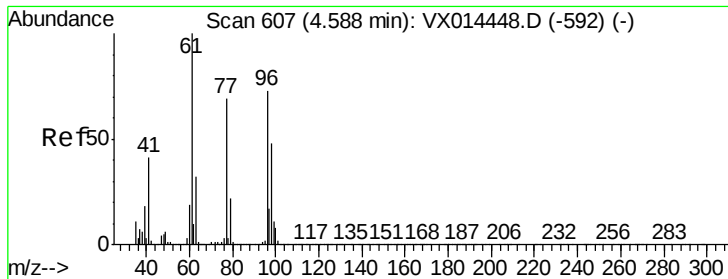
Tgt Ion: 77 Resp: 125161

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1





#27

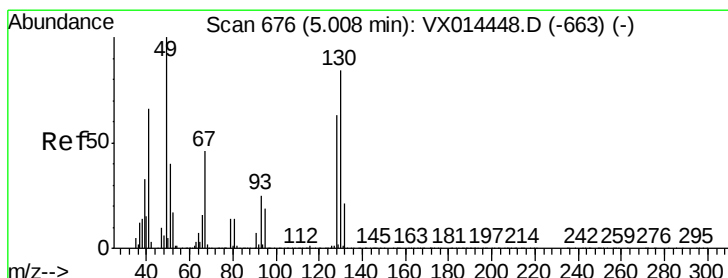
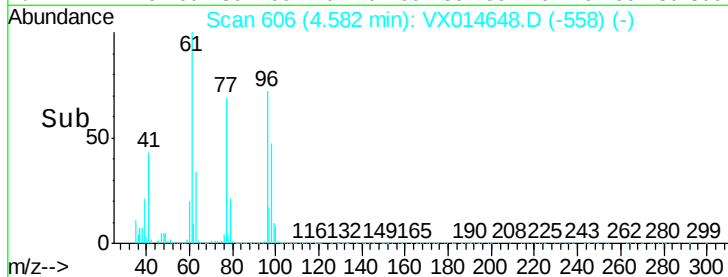
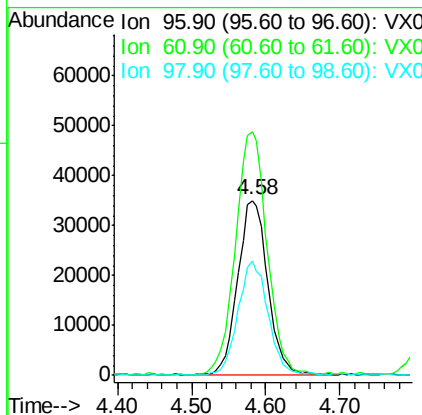
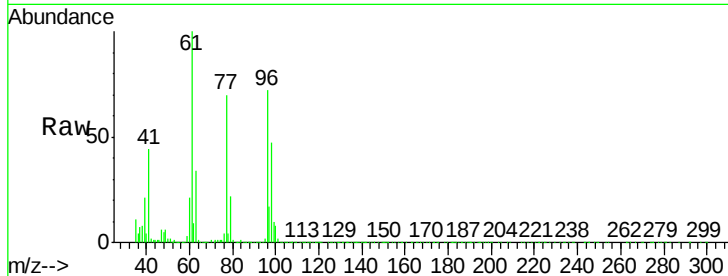
cis-1,2-Dichloroethene
Concen: 18.914 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	99764		
61	145.1	0.0	285.4	
98	64.0	0.0	130.6	

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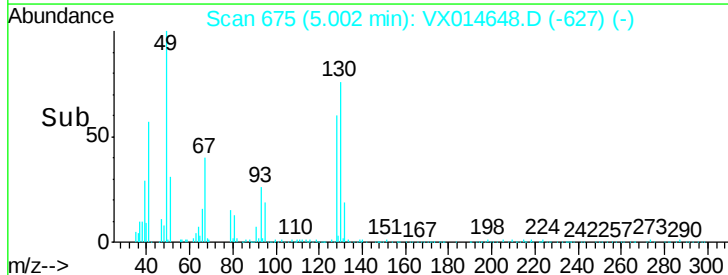
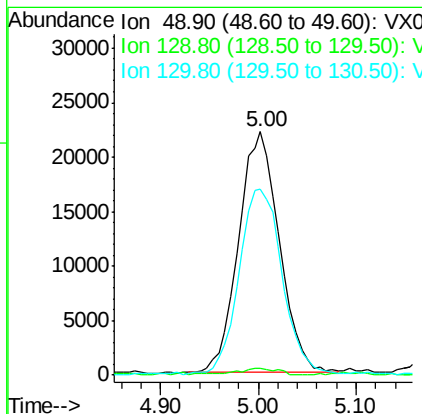
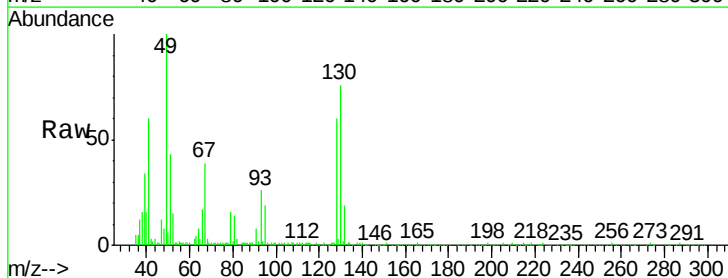
MMDadoda
1/20/2020 11:19:49 AM



#28

Bromochloromethane
Concen: 19.050 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	64033		
129	2.9	0.0	4.4	
130	82.7	67.0	100.4	





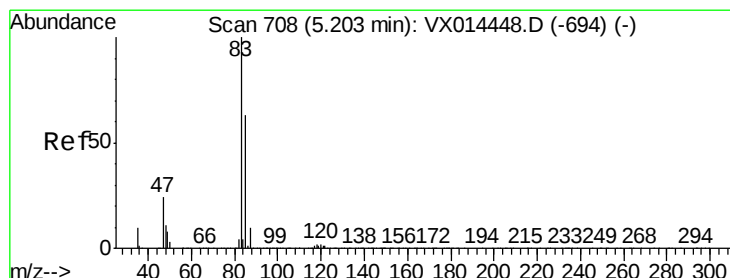
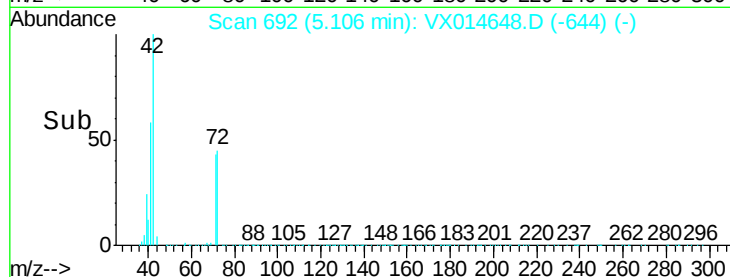
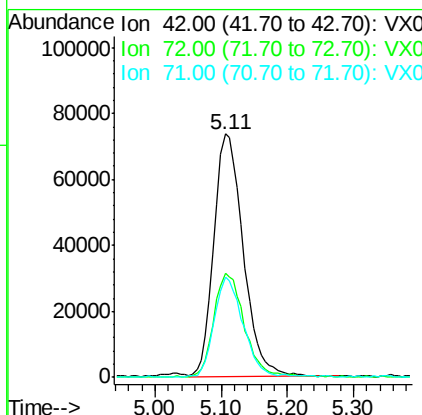
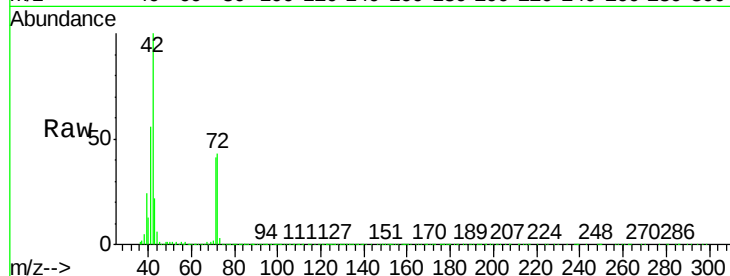
#29
Tetrahydrofuran
Concen: 105.106 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	36.2	54.4
71	40.2	34.1	51.1

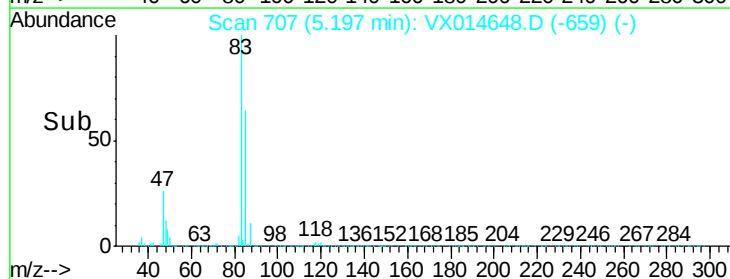
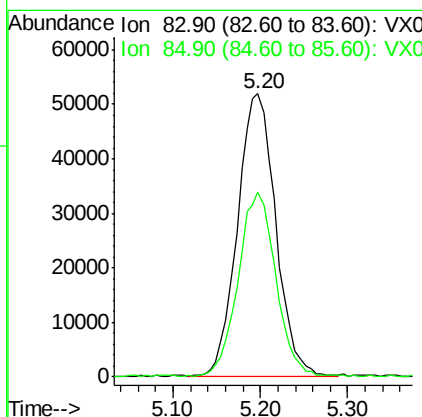
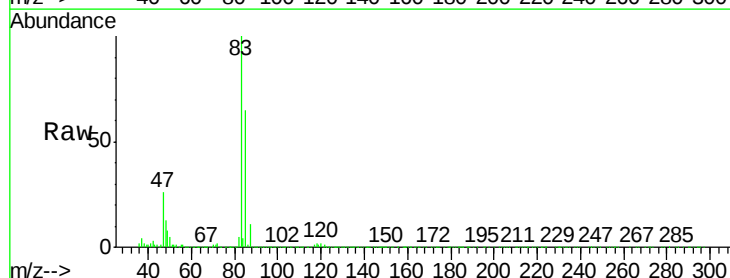
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#30
Chloroform
Concen: 20.160 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.6	75.8





#31

Cyclohexane

Concen: 19.258 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

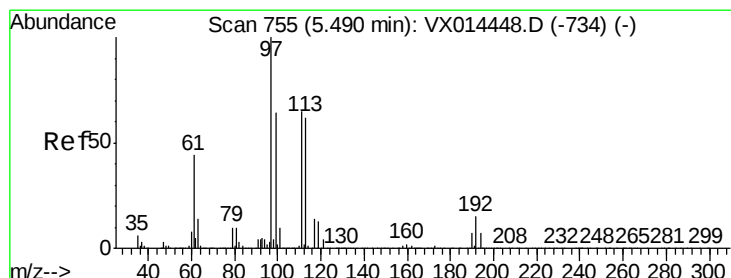
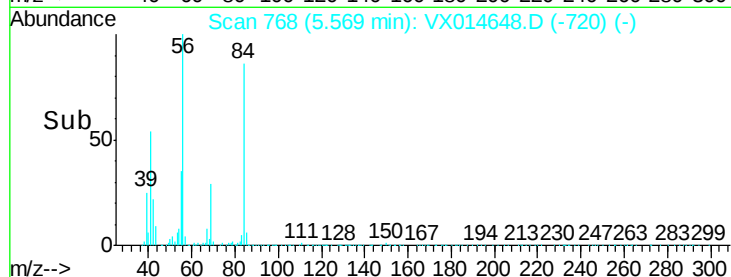
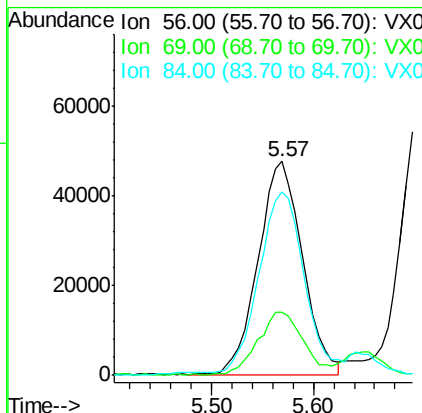
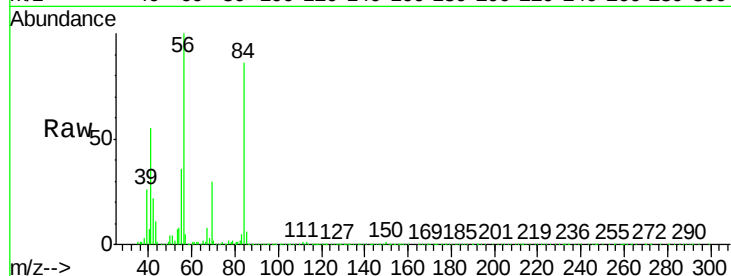
ClientSampleId :

VX0117WBSD01

Tot Ion:	56	Resp:	143793
Ion Ratio	Lower	Upper	
56	100		
69	29.6	24.4	36.6
84	85.4	70.6	106.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.012 ug/l

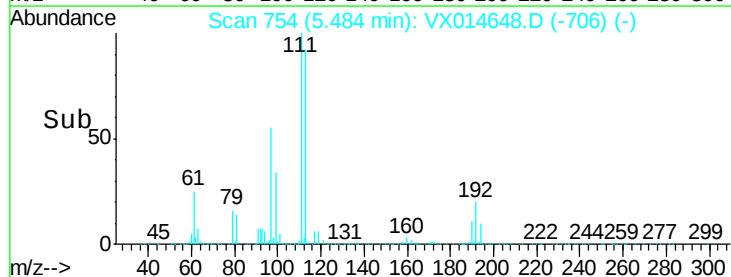
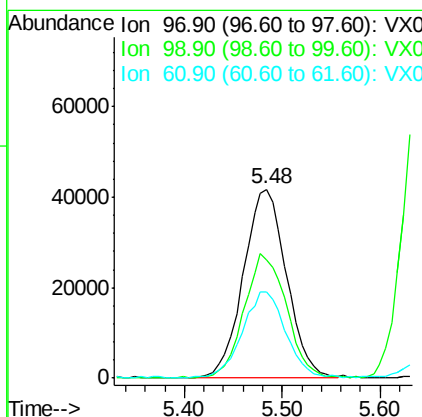
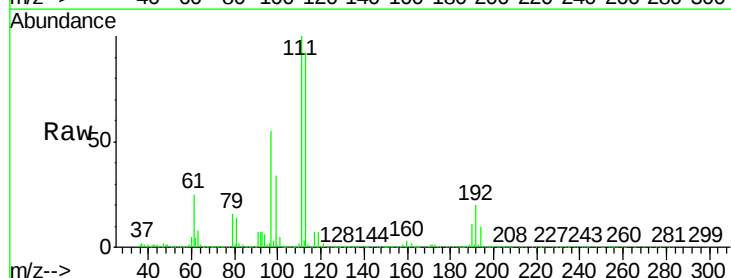
RT: 5.48 min Scan# 754

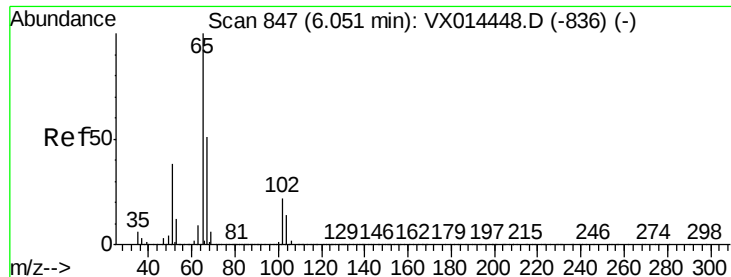
Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Tgt Ion:	97	Resp:	126860
Ion Ratio	Lower	Upper	
97	100		
99	65.6	51.8	77.6
61	46.2	35.9	53.9





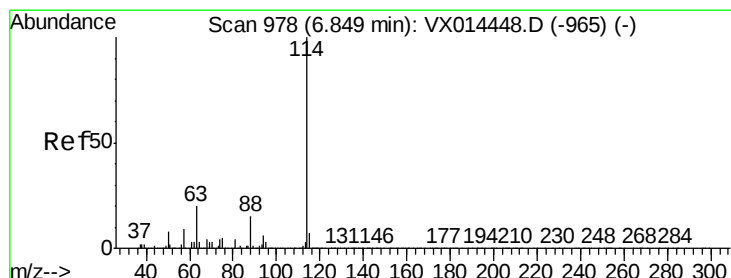
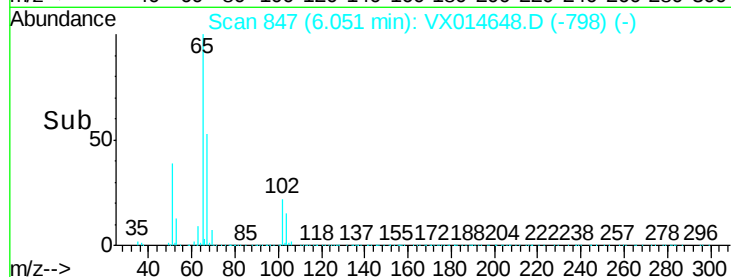
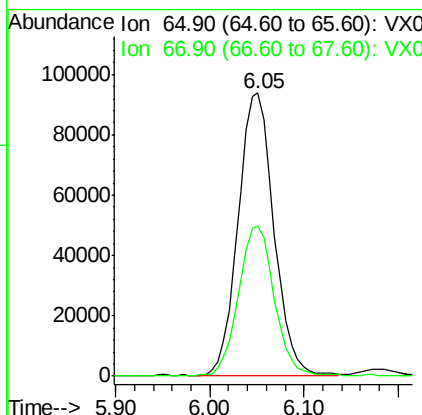
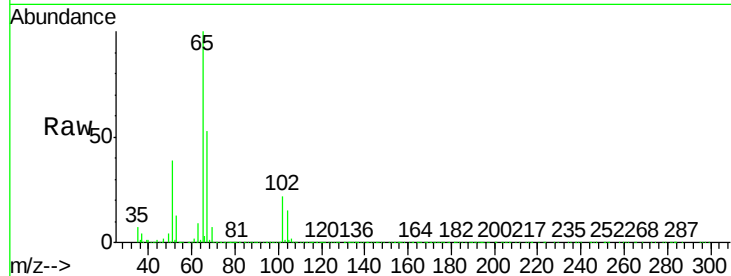
#33
 1,2-Dichloroethane-d4
 Concen: 50.865 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	248486		
67	52.9	0.0	106.2	

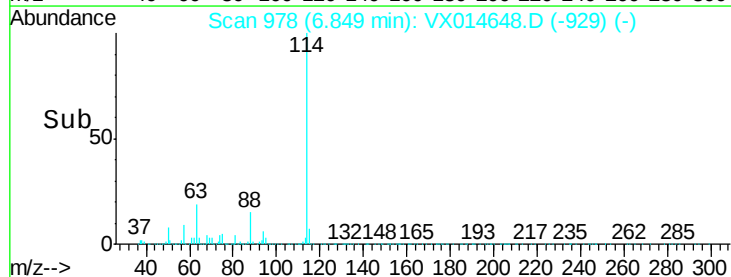
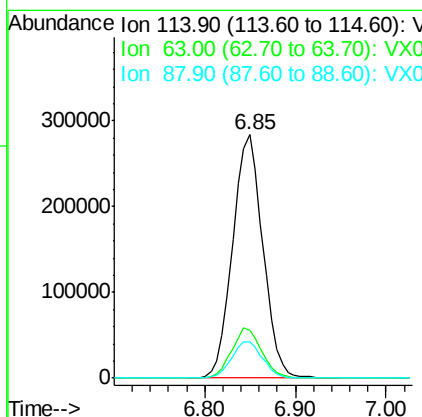
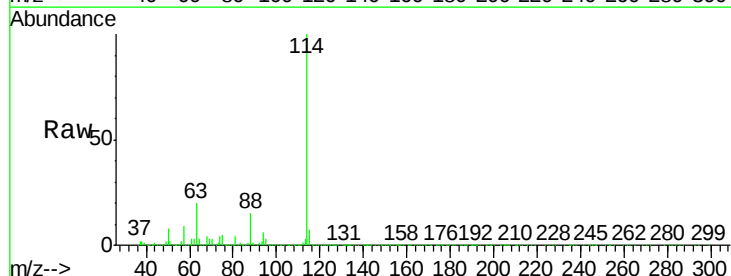
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	656848		
63	19.5	0.0	39.6	
88	14.9	0.0	30.8	





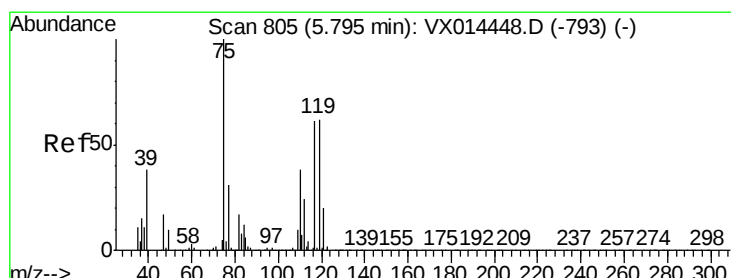
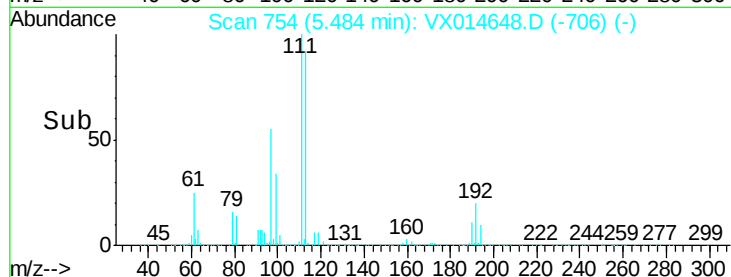
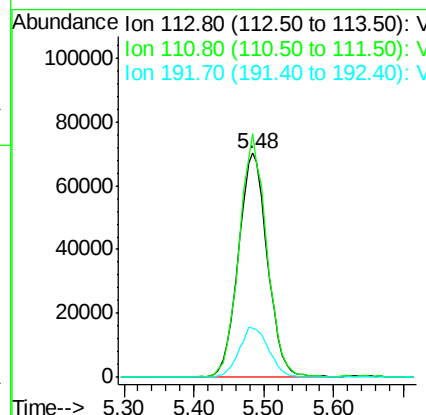
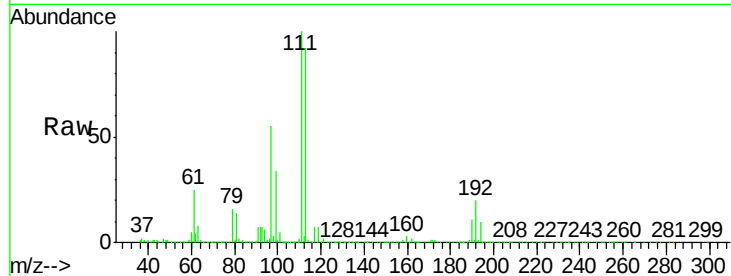
#35
Dibromofluoromethane
Concen: 50.671 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	201476		
111	103.3	81.5	122.3	
192	22.9	19.2	28.8	

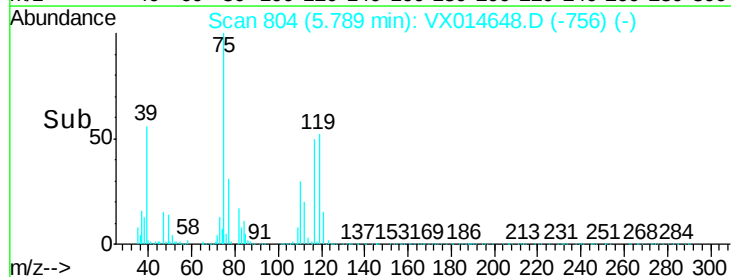
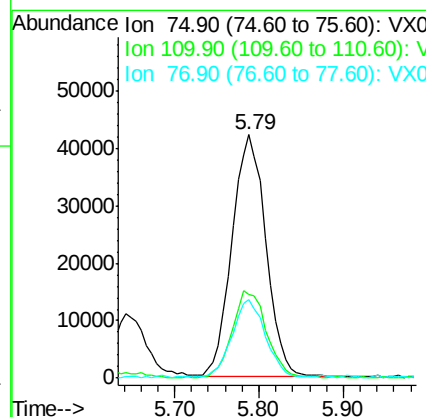
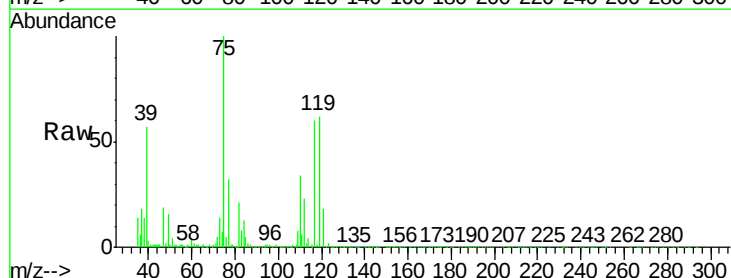
Manual Integrations
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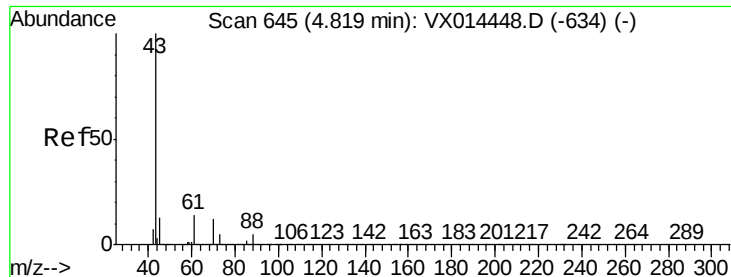
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#36
1,1-Dichloropropene
Concen: 18.719 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	115628		
110	36.2	18.6	55.8	
77	30.5	24.5	36.7	





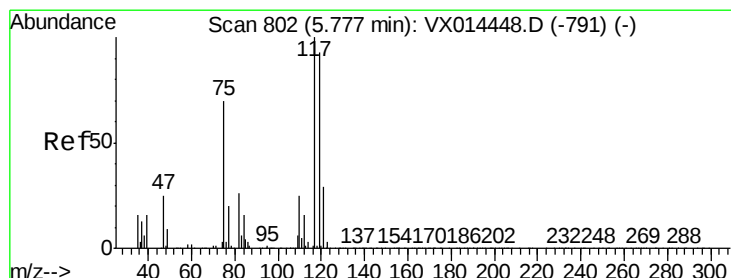
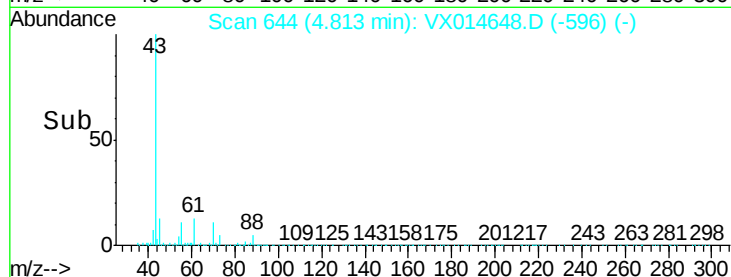
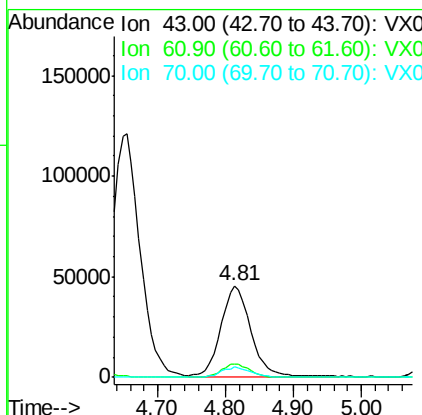
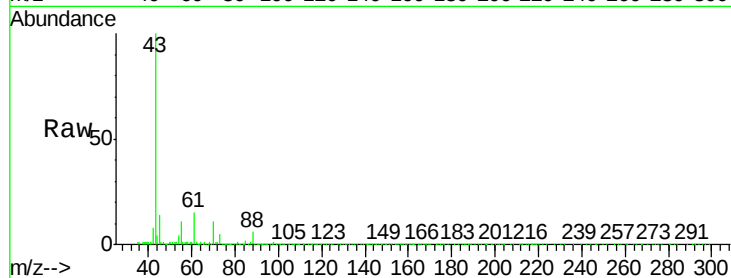
#37
Ethyl Acetate
Concen: 20.298 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.1	16.7
70	10.8	8.9	13.3

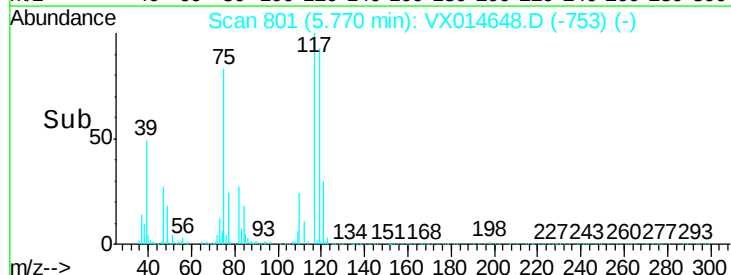
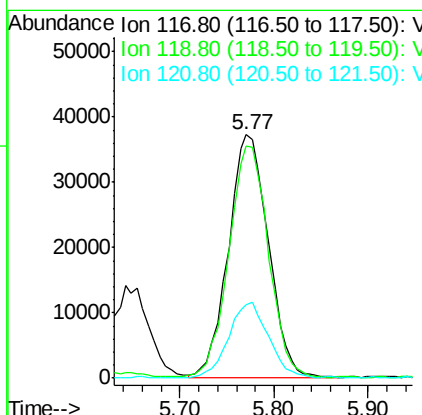
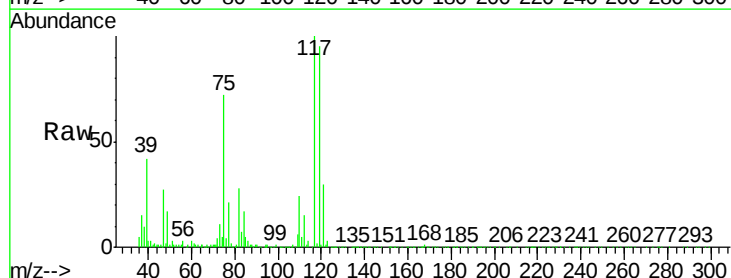
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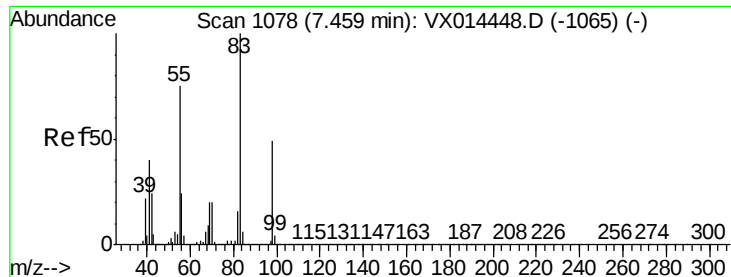
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#38
Carbon Tetrachloride
Concen: 19.189 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	73.8	110.8
121	30.1	23.4	35.0





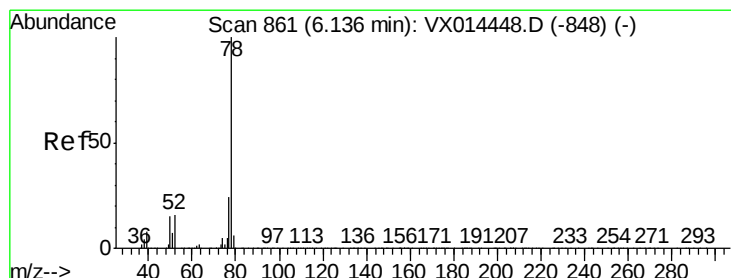
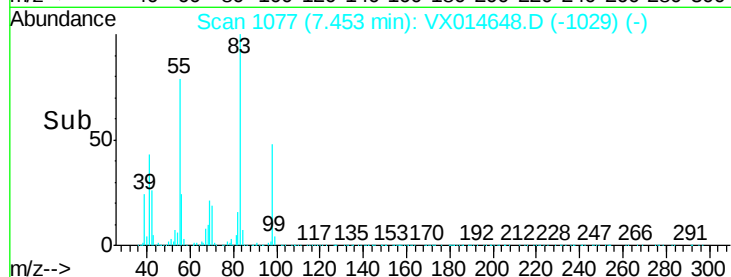
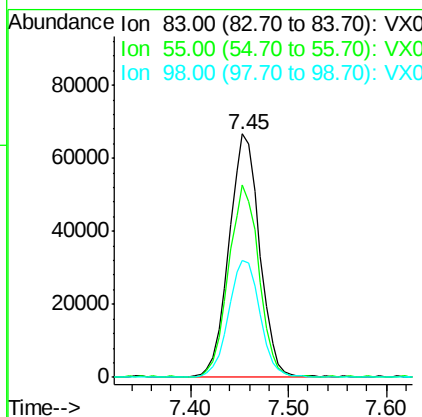
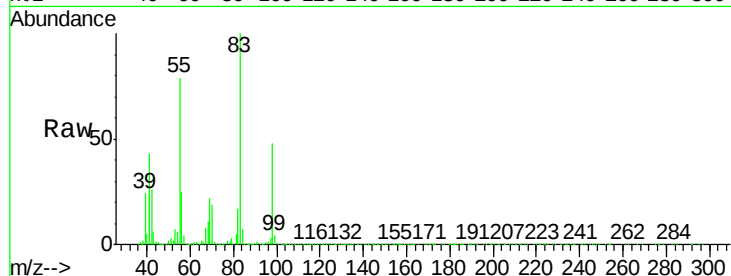
#39
Methvlcvclohexane
Concen: 18.572 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.9	59.7	89.5
98	47.6	39.1	58.7

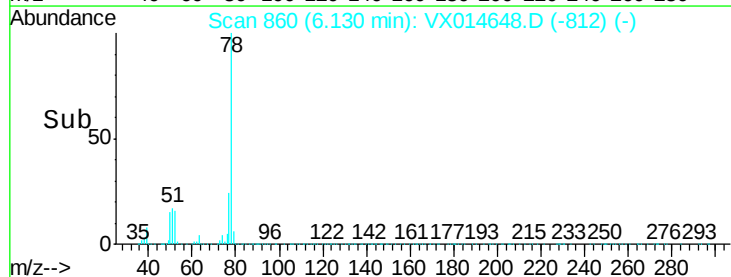
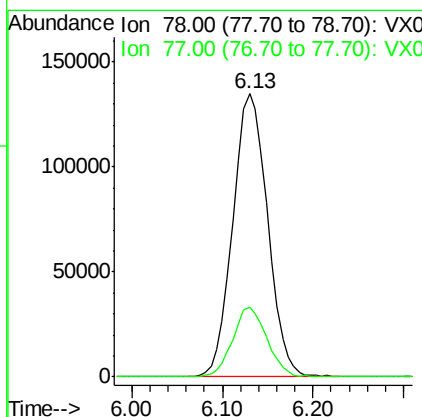
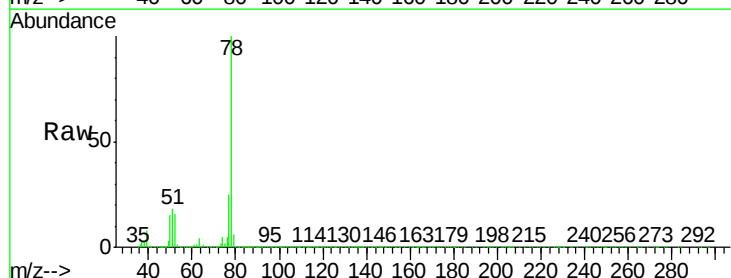
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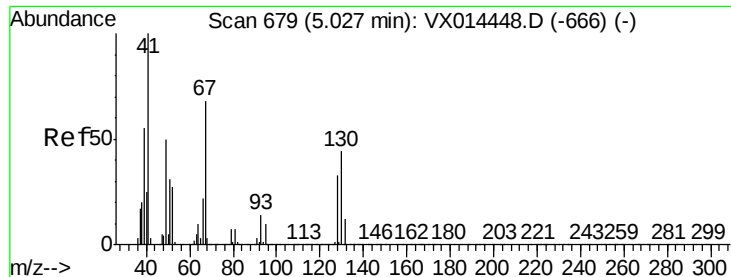
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#40
Benzene
Concen: 19.534 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.5	29.3





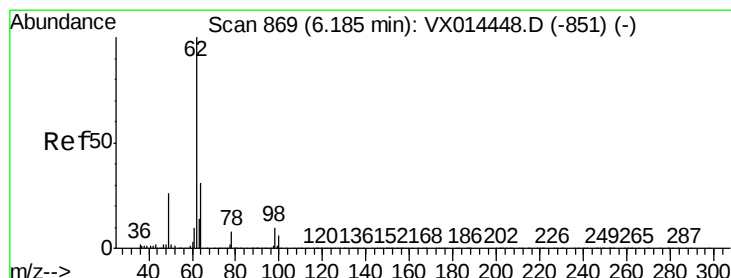
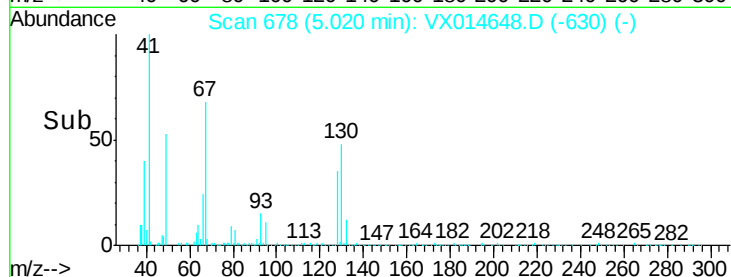
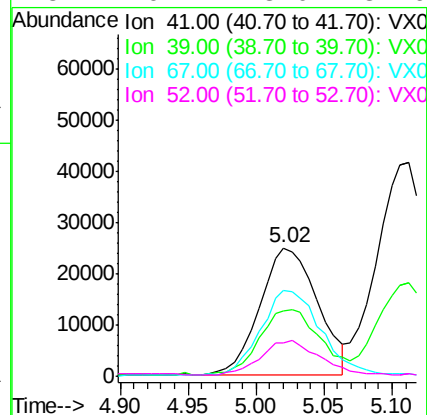
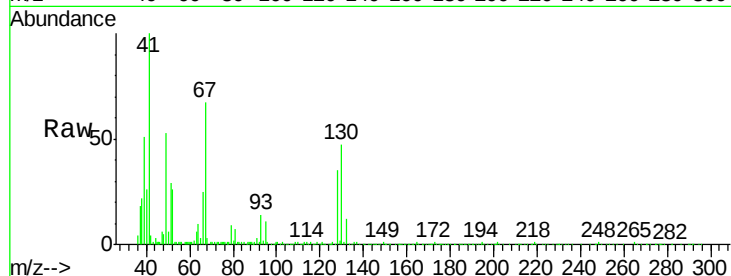
#41
Methacrylonitrile
Concen: 20.629 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	43.6	65.4	
67	69.4	57.9	86.9	
52	26.7	23.0	34.6	

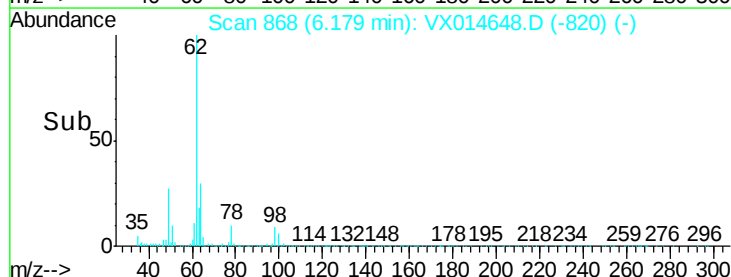
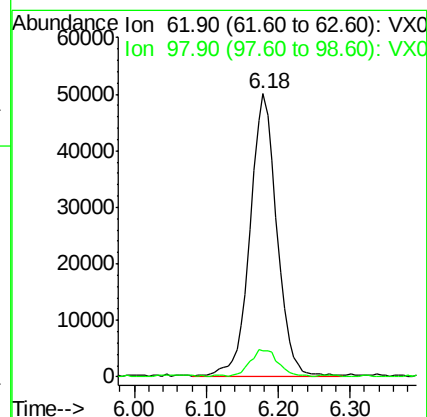
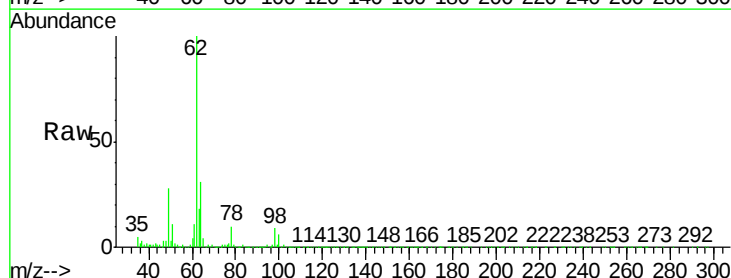
Manual Integrations
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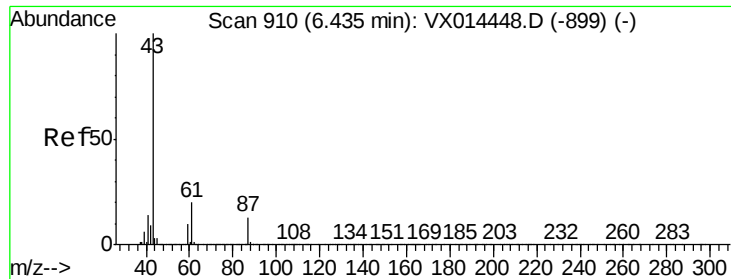
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#42
1,2-Dichloroethane
Concen: 20.035 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	20.4	





#43

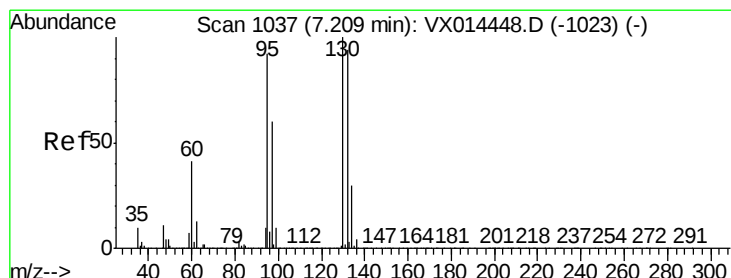
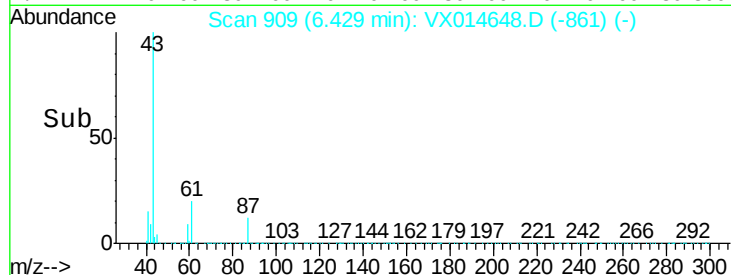
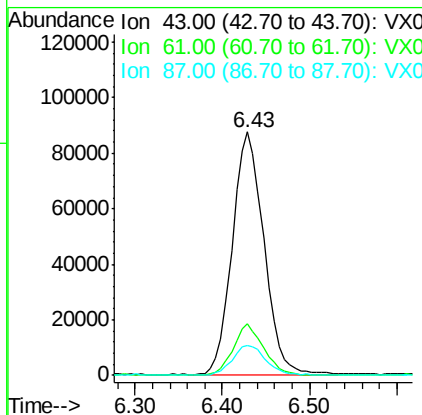
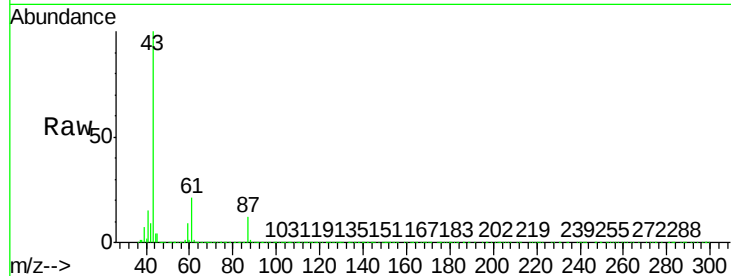
Isopropyl Acetate
 Concen: 20.509 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.6	24.8
87	13.0	10.8	16.2

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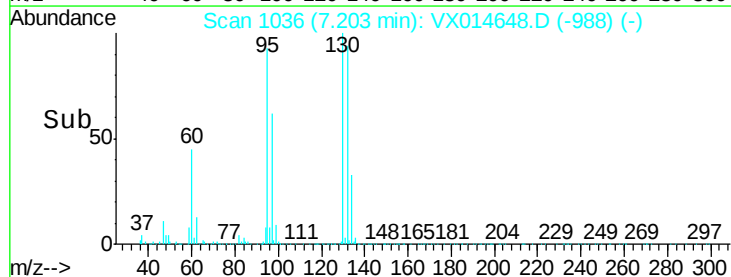
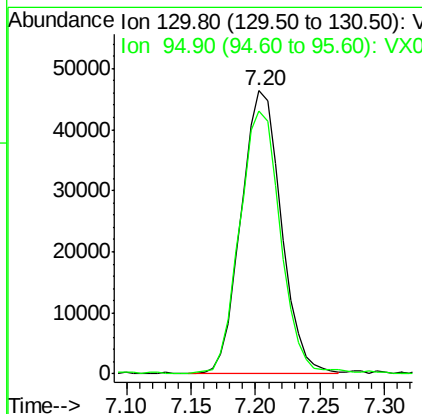
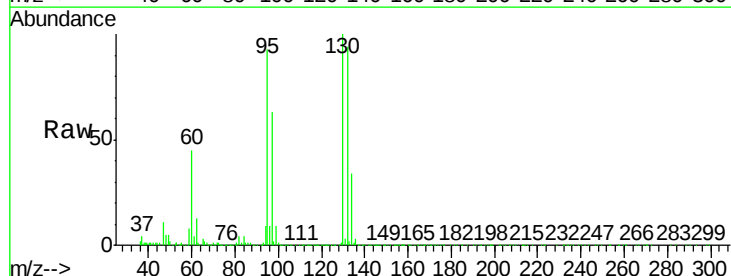
MMDadoda
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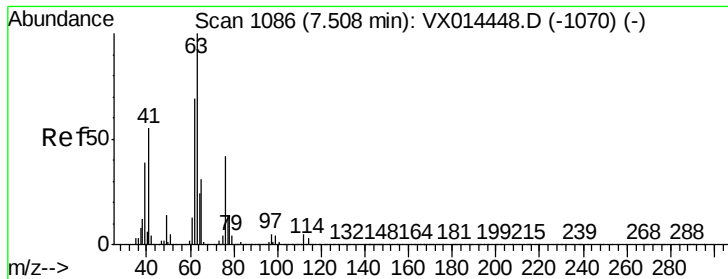


#44

Trichloroethene
 Concen: 18.940 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	184.2





#45

1,2-Dichloropropane

Concen: 20.427 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD01

Tot Ion: 63 Resp: 95479

Ion Ratio Lower Upper

63 100

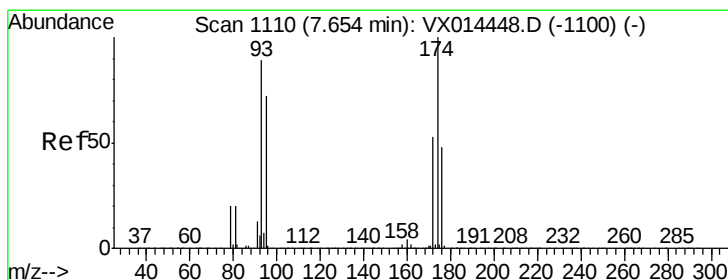
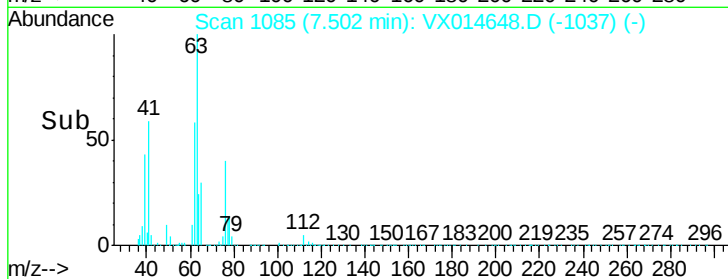
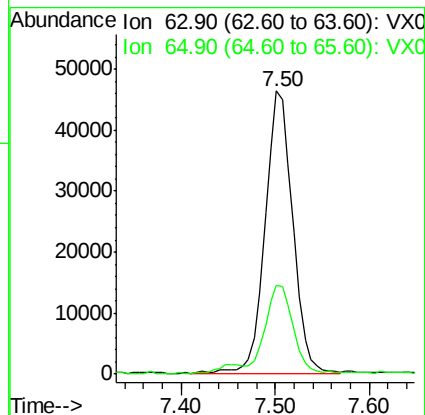
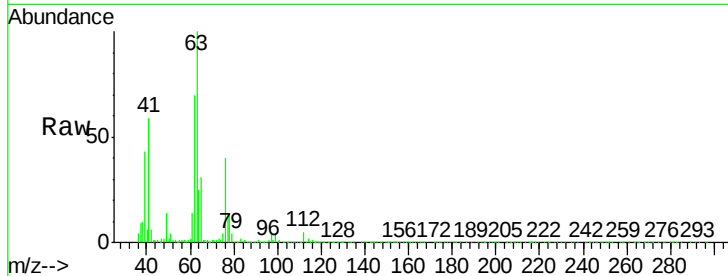
65 30.8 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 18.683 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

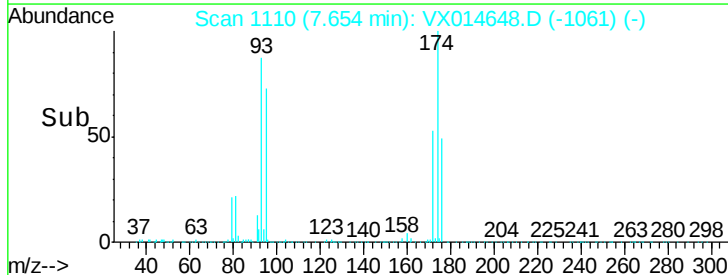
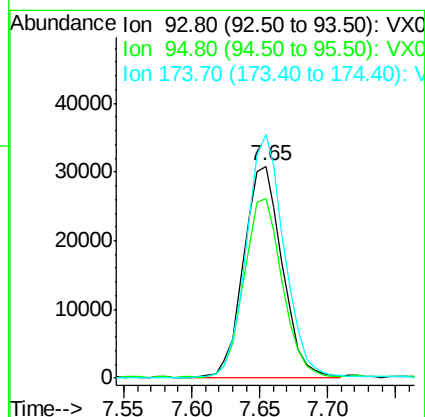
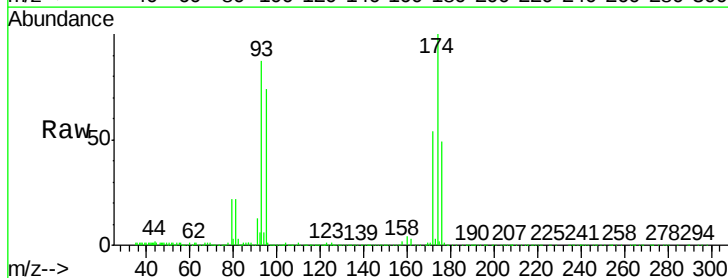
Tgt Ion: 93 Resp: 60950

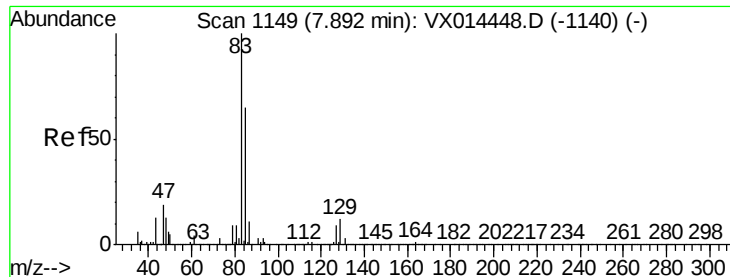
Ion Ratio Lower Upper

93 100

95 84.5 65.4 98.2

174 114.4 93.0 139.4





#47

Bromodichloromethane

Concen: 19.682 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

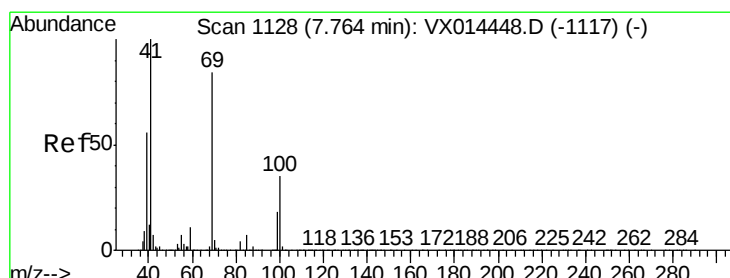
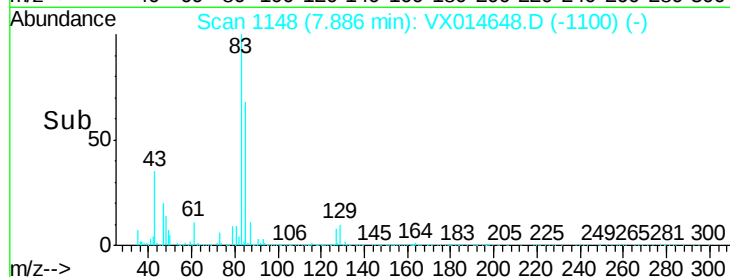
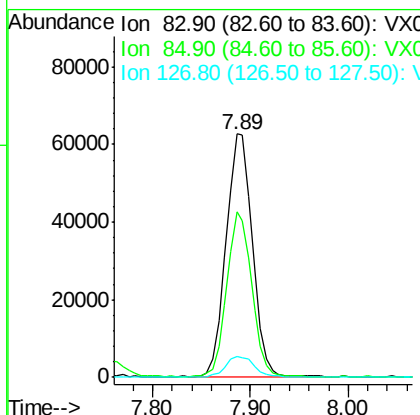
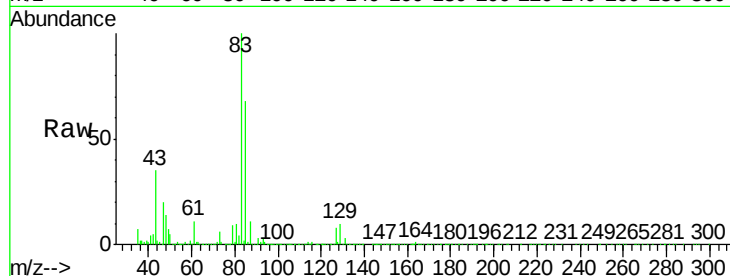
ClientSampleId :

VX0117WBSD01

Tot Ion:	83	Resp:	116836
Ion Ratio	Lower	Upper	
83	100		
85	68.3	51.7	77.5
127	8.5	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.290 ug/l

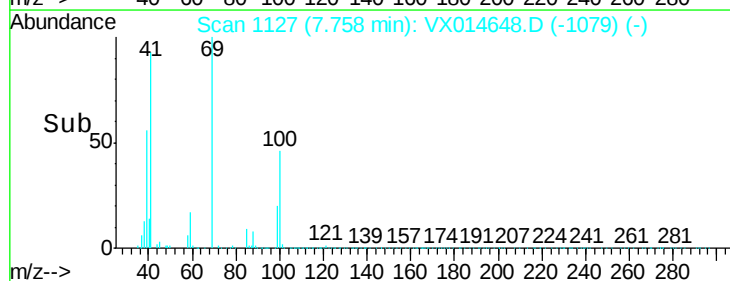
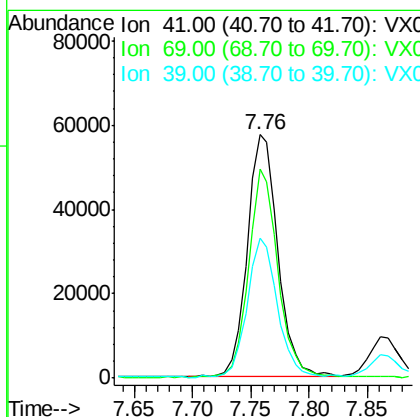
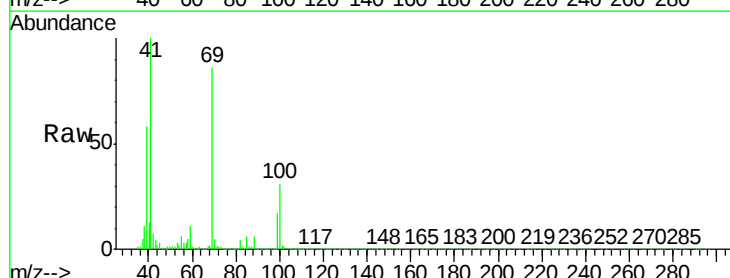
RT: 7.76 min Scan# 1127

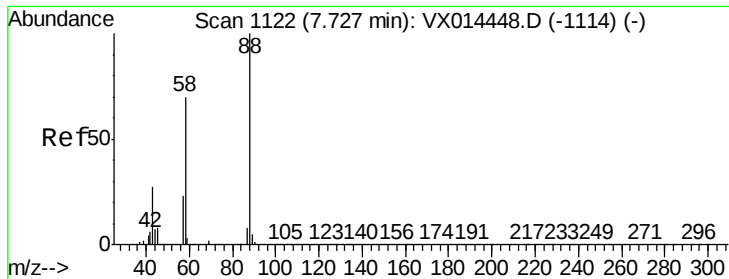
Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Tgt Ion:	41	Resp:	105329
Ion Ratio	Lower	Upper	
41	100		
69	83.7	65.5	98.3
39	56.5	43.9	65.9





#49

1,4-Dioxane

Concen: 421.177 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

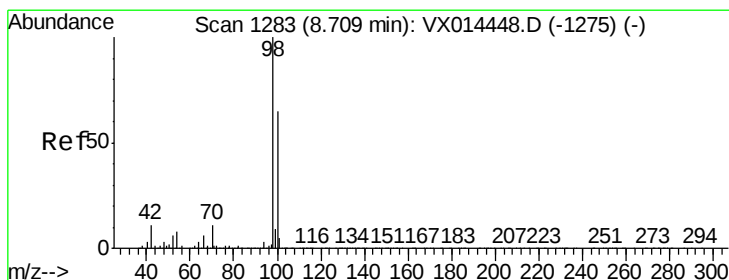
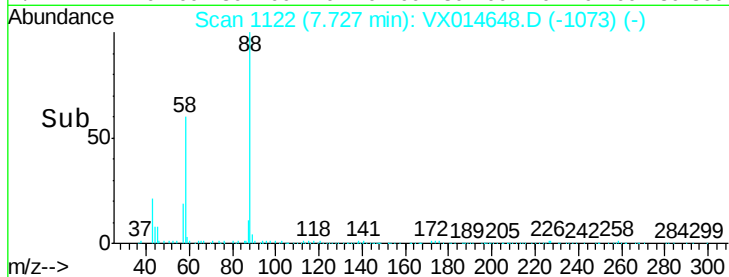
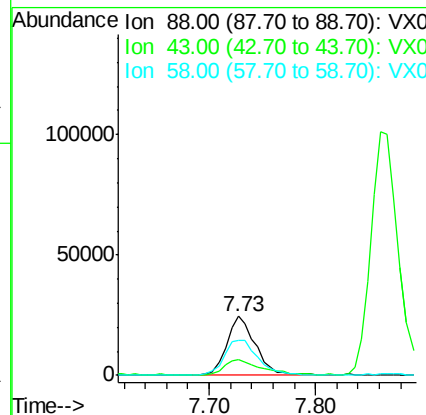
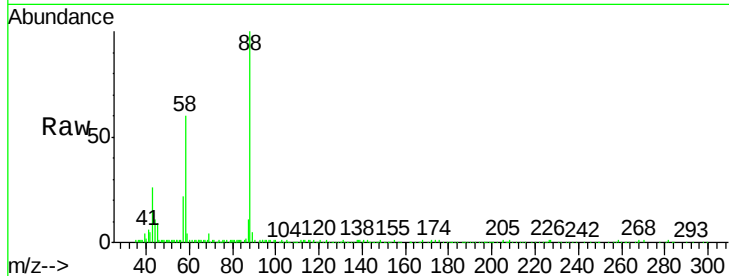
ClientSampleId :

VX0117WBSD01

Tot Ion:	88	Resp:	46328
Ion Ratio	Lower	Upper	
88	100		
43	37.3	27.4	41.0
58	71.6	57.1	85.7

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#50

Toluene-d8

Concen: 50.256 ug/l

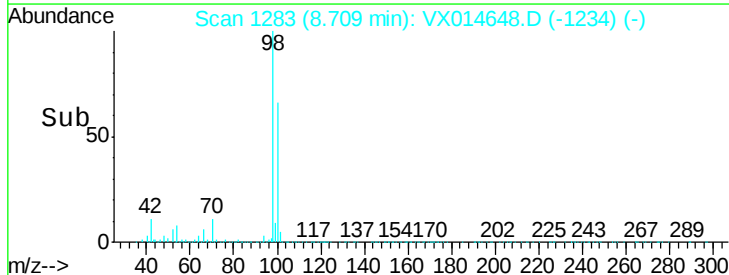
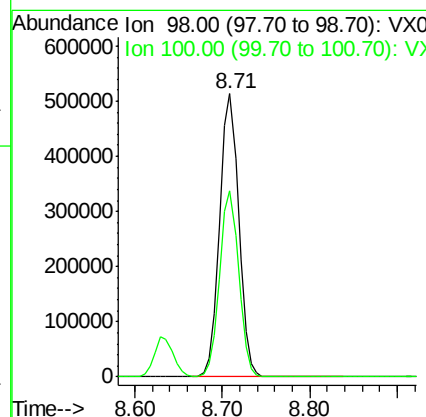
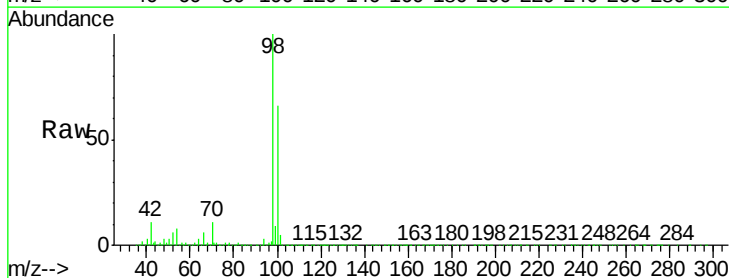
RT: 8.71 min Scan# 1283

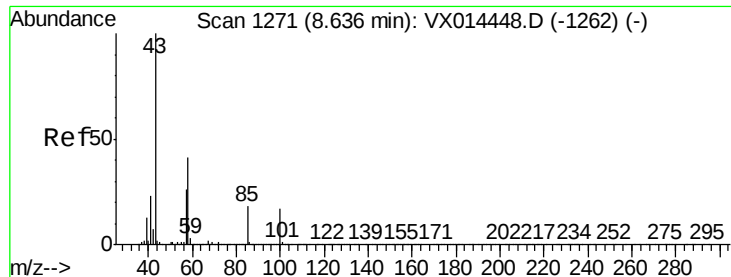
Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Tgt Ion:	98	Resp:	775469
Ion Ratio	Lower	Upper	
98	100		
100	65.7	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 104.071 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD01

Tot Ion: 43 Resp: 687376

Ion Ratio Lower Upper

43 100

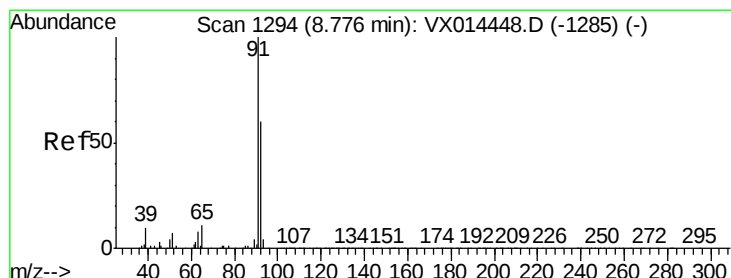
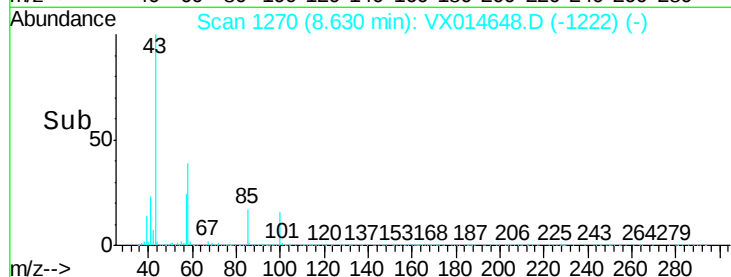
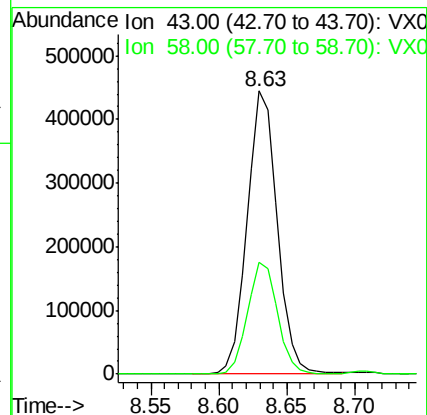
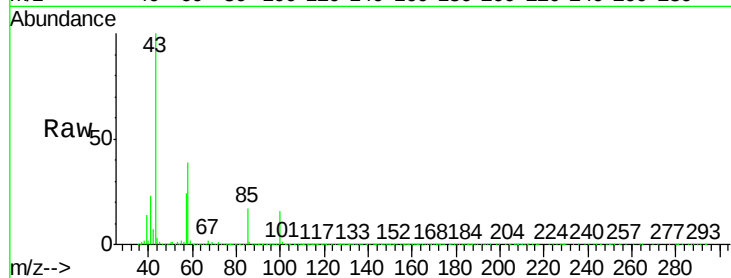
58 39.5 32.4 48.6

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#52

Toluene

Concen: 19.221 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX014648.D

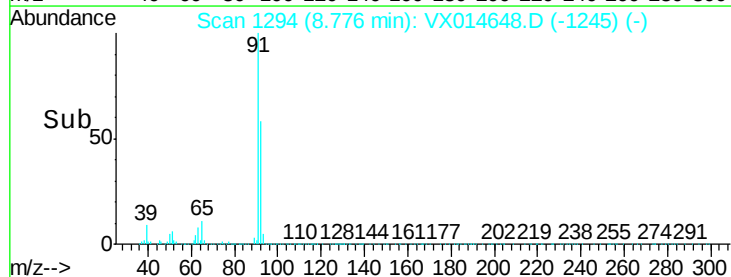
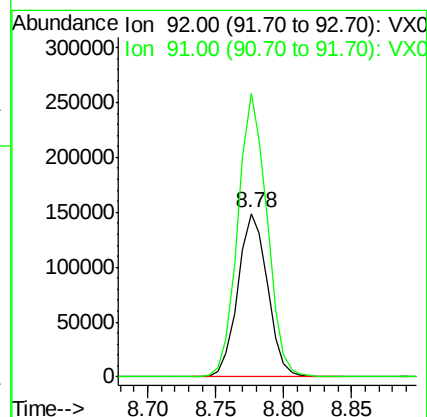
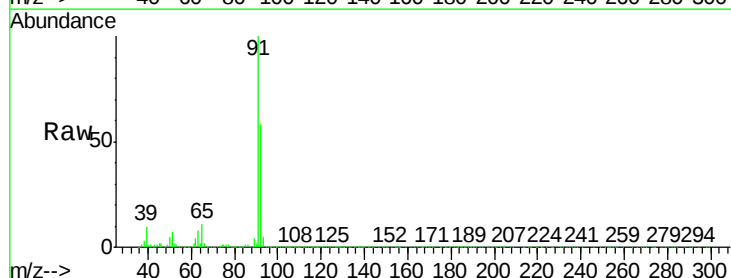
Acq: 17 Jan 2020 12:38

Tgt Ion: 92 Resp: 225571

Ion Ratio Lower Upper

92 100

91 170.8 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 18.484 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD01

Tot Ion: 75 Resp: 127746

Ion Ratio Lower Upper

75 100

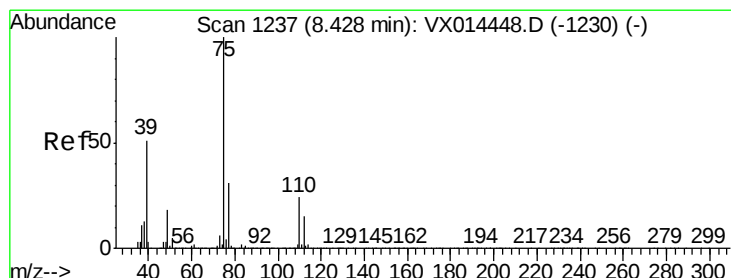
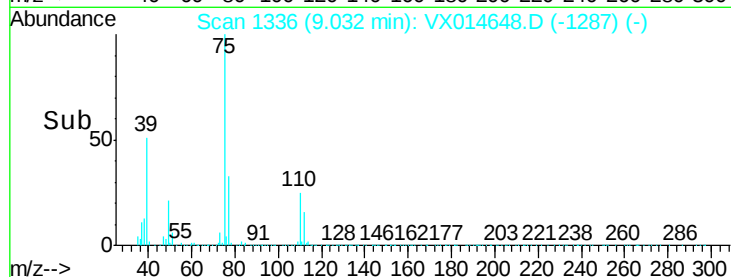
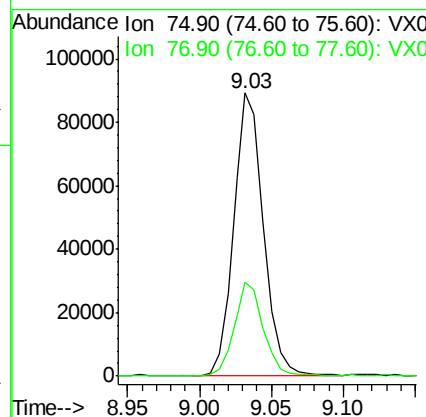
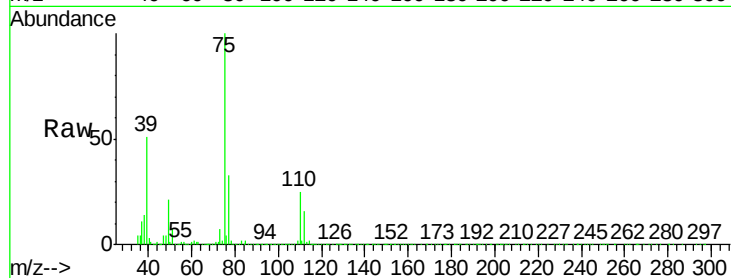
77 33.2 25.4 38.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.423 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

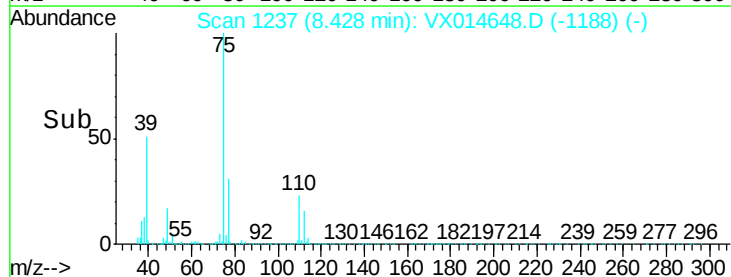
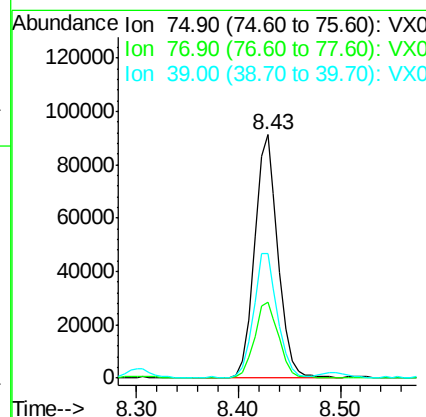
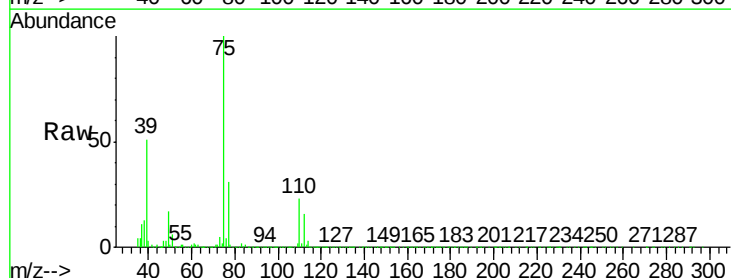
Tgt Ion: 75 Resp: 145005

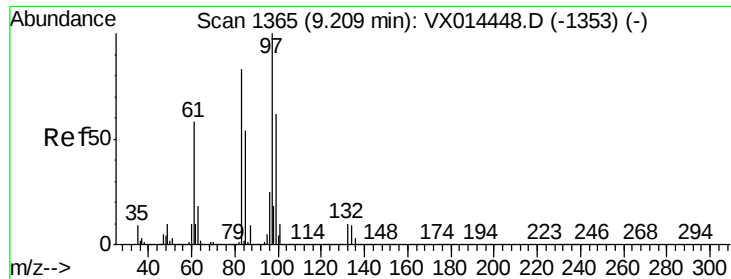
Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.4

39 50.8 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 19.749 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

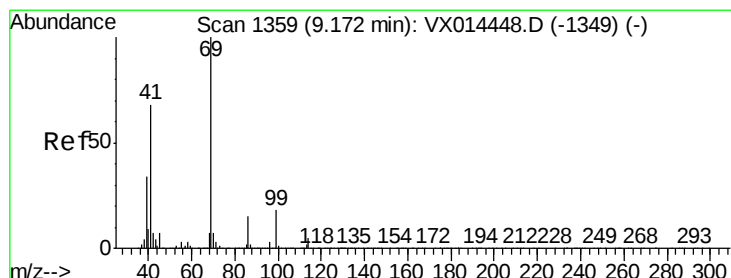
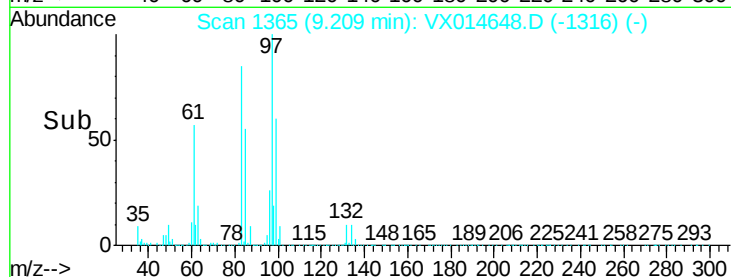
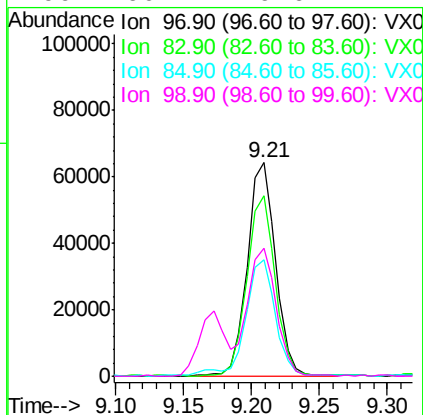
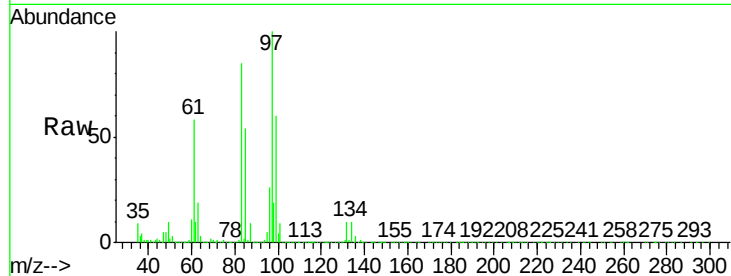
ClientSampleId :

VX0117WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		93094		
83	84.5	66.4	99.6		
85	54.2	43.4	65.2		
99	60.1	49.6	74.4		

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#56

Ethyl methacrylate

Concen: 19.843 ug/l

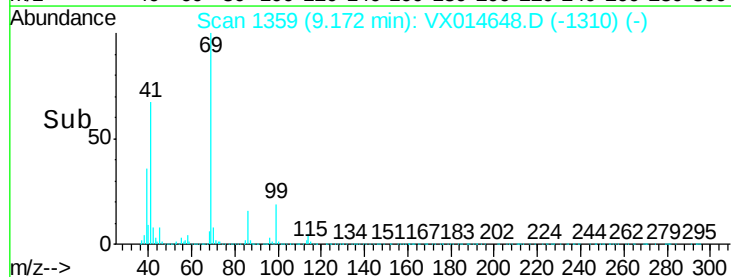
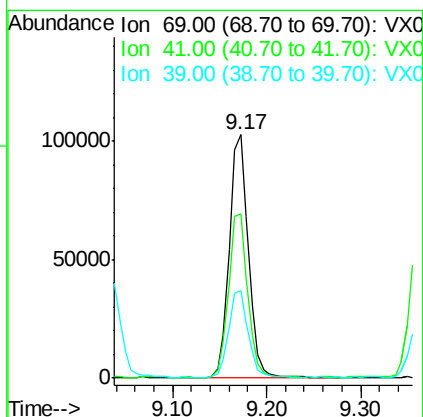
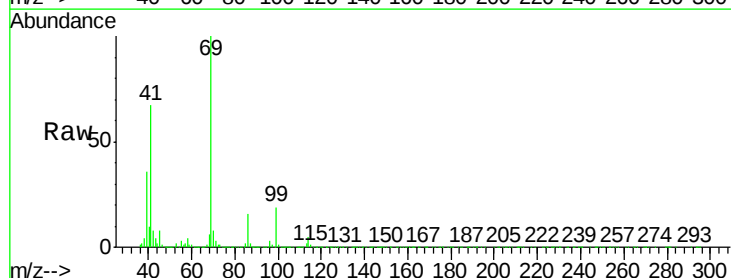
RT: 9.17 min Scan# 1359

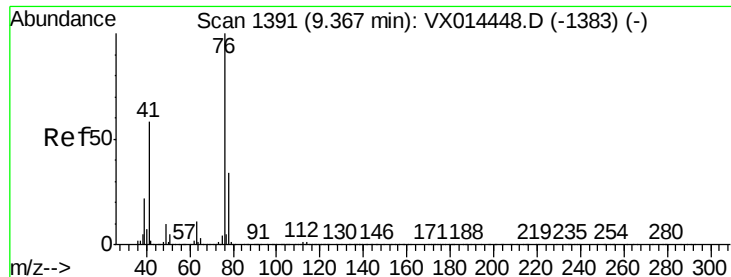
Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		143301		
41	68.1	54.2	81.2		
39	37.9	28.2	42.2		





#57

1,3-Dichloropropane

Concen: 20.423 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD01

Tot Ion: 76 Resp: 160965

Ion Ratio Lower Upper

76 100

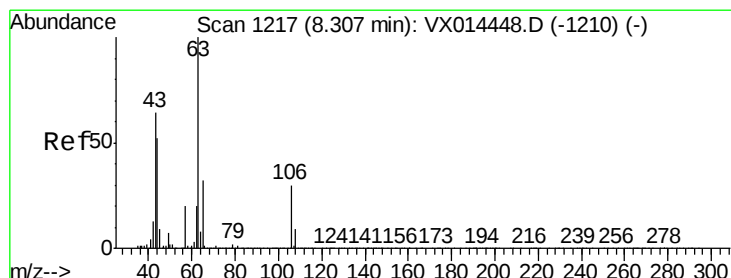
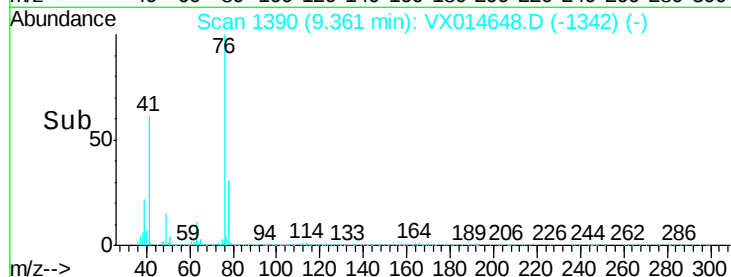
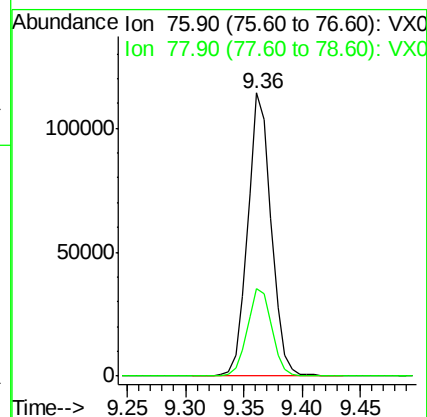
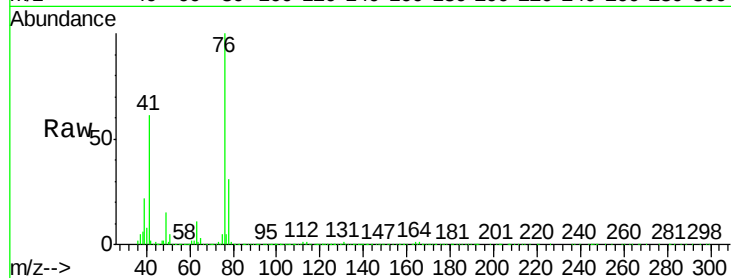
78 31.8 26.4 39.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 97.998 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014648.D

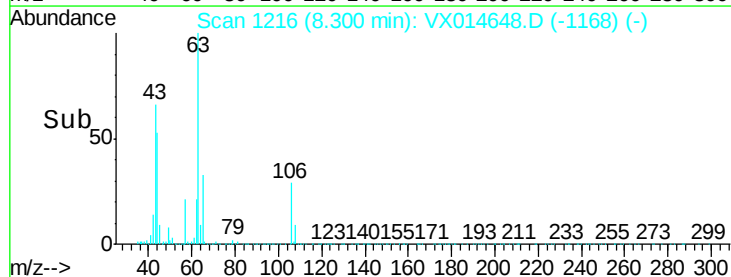
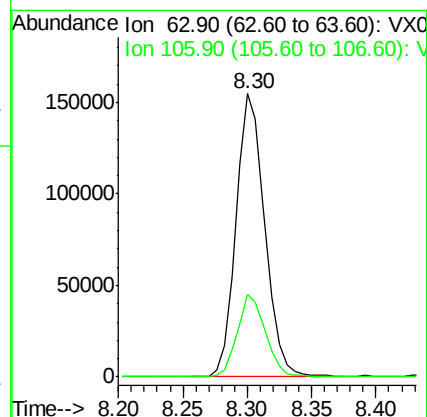
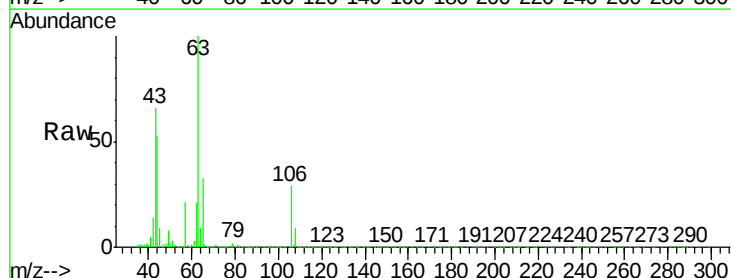
Acq: 17 Jan 2020 12:38

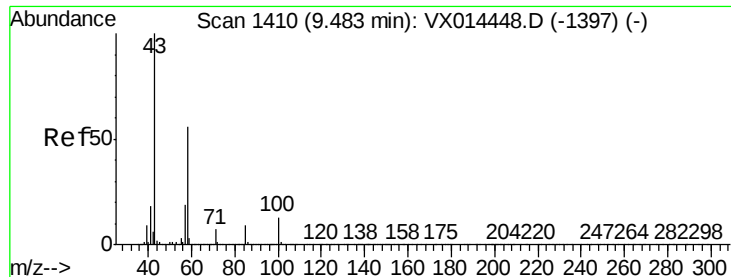
Tgt Ion: 63 Resp: 240794

Ion Ratio Lower Upper

63 100

106 28.8 23.6 35.4





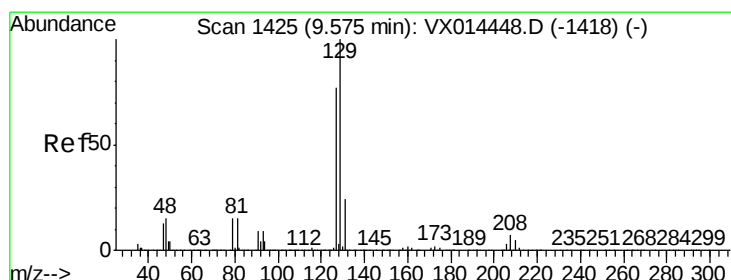
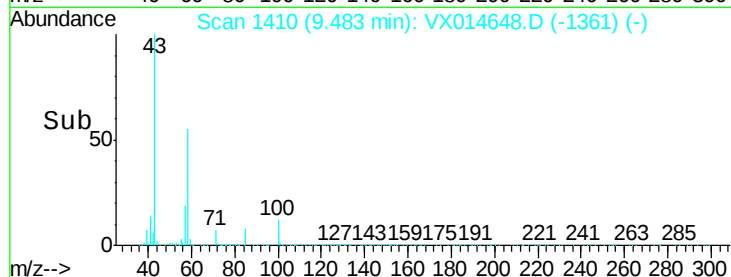
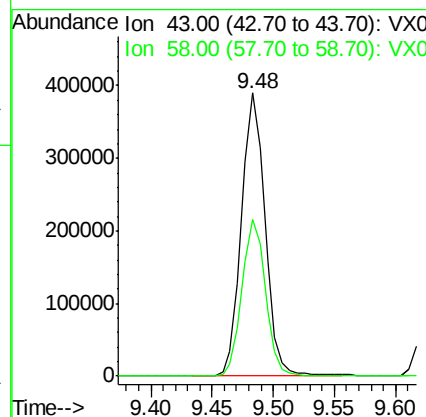
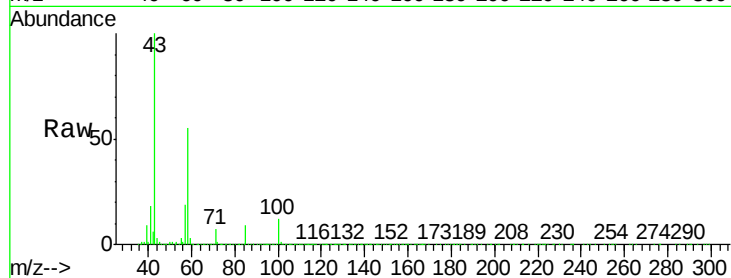
#59
2-Hexanone
Concen: 99.203 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD01

Tot Ion: 43 Resp: 518441
Ion Ratio Lower Upper
43 100
58 55.8 27.9 83.7

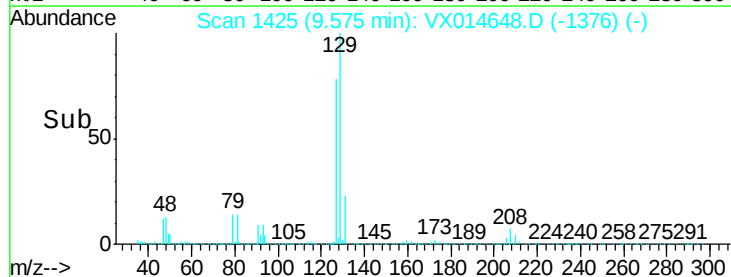
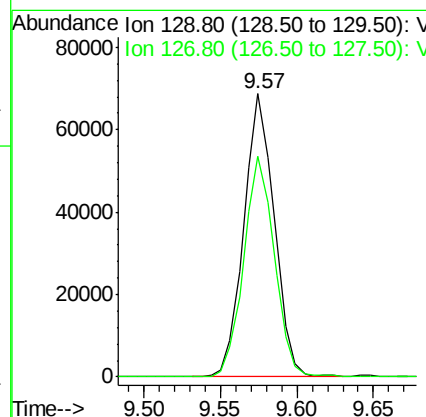
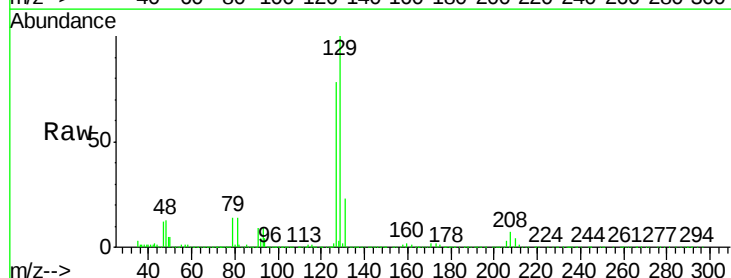
Manual Integrations
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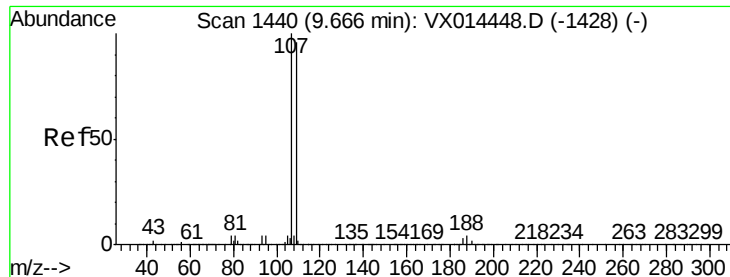
MMDadoda
1/20/2020 11:19:49 AM



#60
Dibromochloromethane
Concen: 19.910 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion: 129 Resp: 94332
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.496 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD01

Tot Ion: 107 Resp: 97352

Ion Ratio Lower Upper

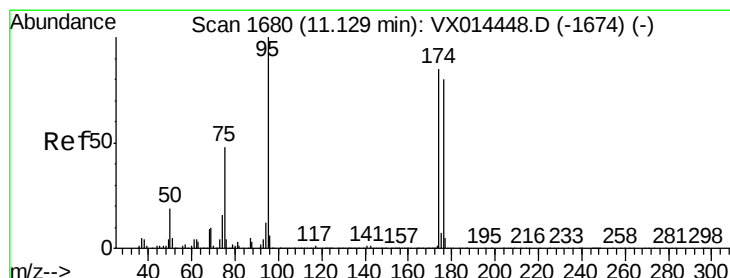
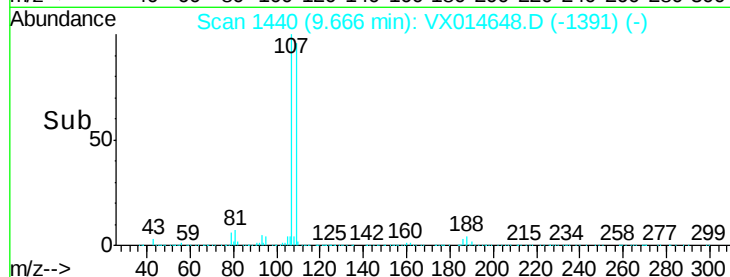
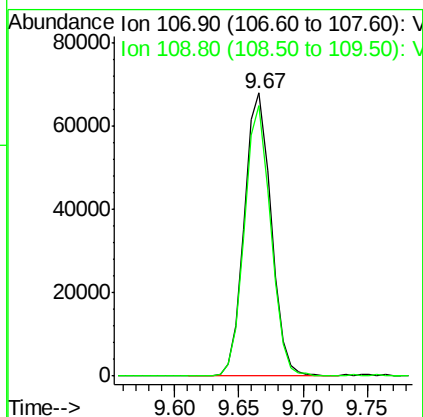
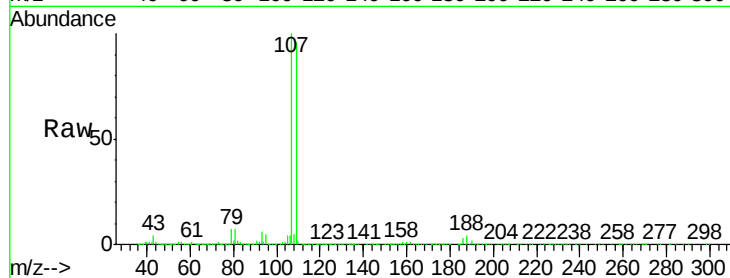
107 100

109 93.9 76.5 114.7

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#62

4-Bromofluorobenzene

Concen: 48.827 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

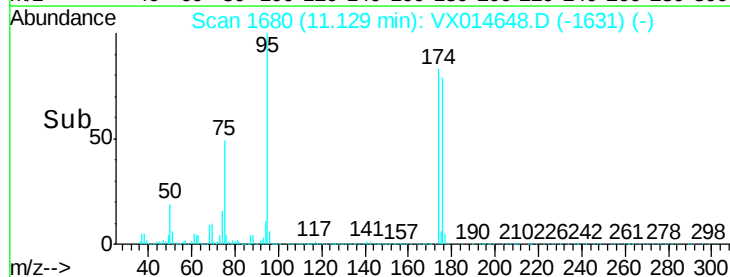
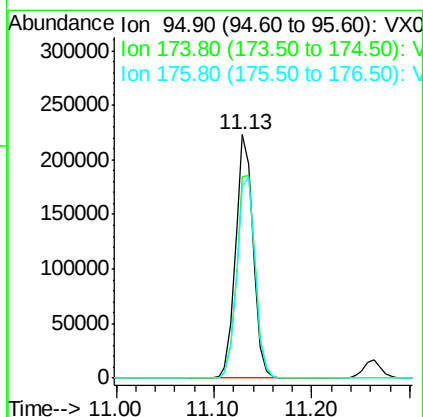
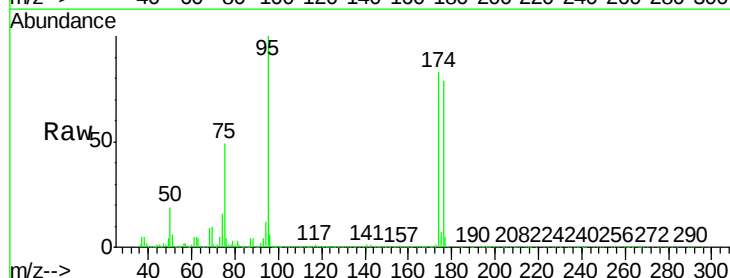
Tgt Ion: 95 Resp: 276584

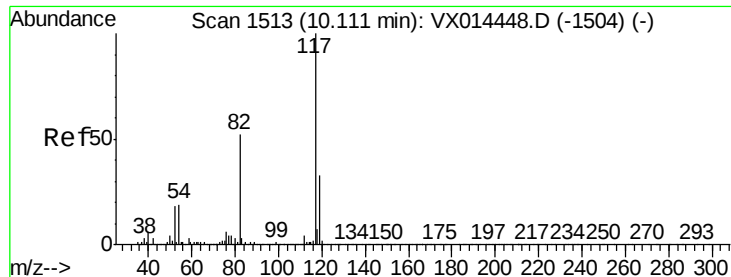
Ion Ratio Lower Upper

95 100

174 88.0 0.0 180.8

176 85.5 0.0 172.8





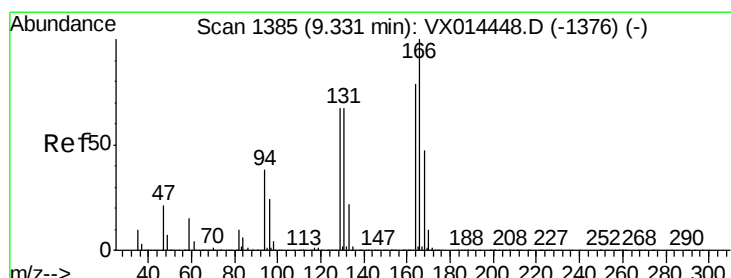
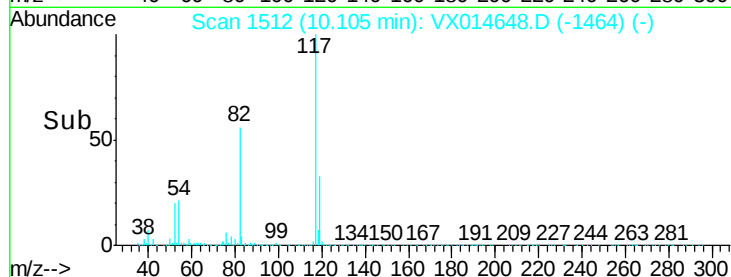
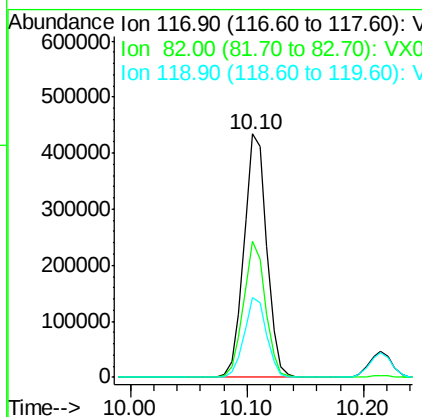
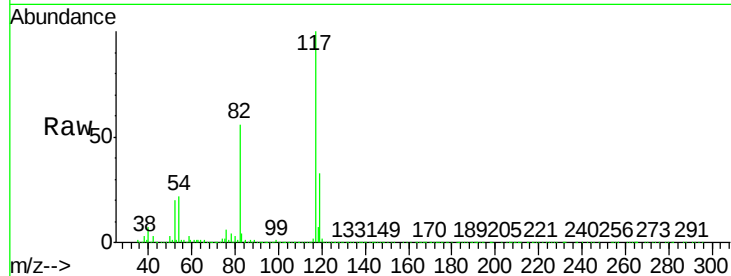
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	41.8	62.6
119	32.5	26.2	39.4

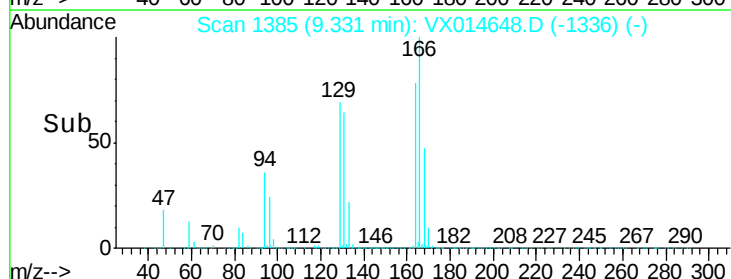
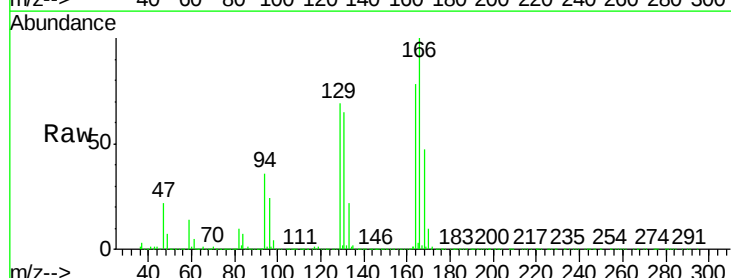
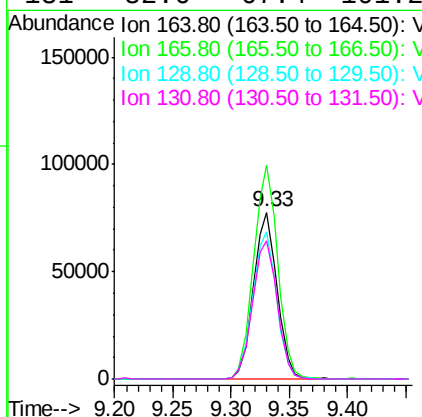
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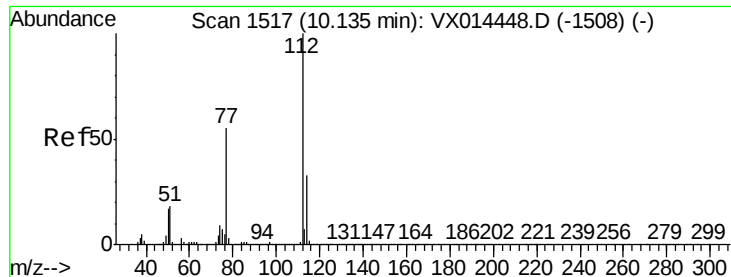
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#64
Tetrachloroethene
Concen: 18.529 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	101.2	151.8
129	87.9	68.3	102.5
131	82.6	67.4	101.2





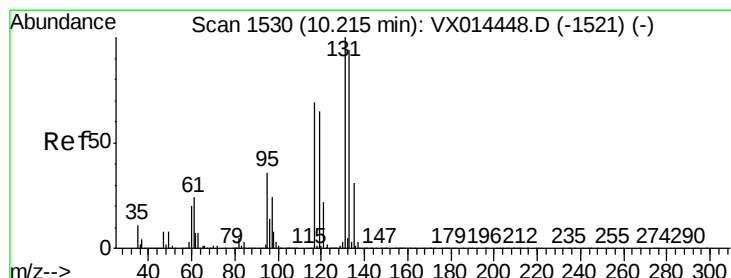
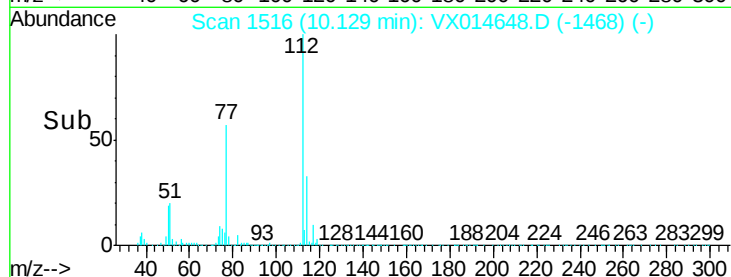
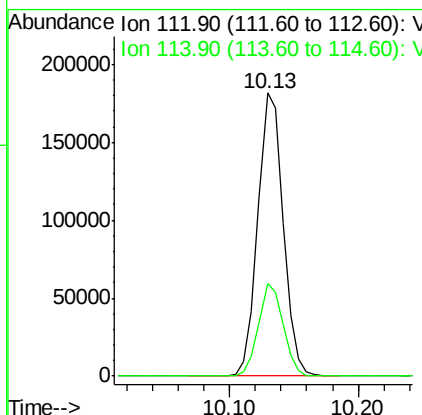
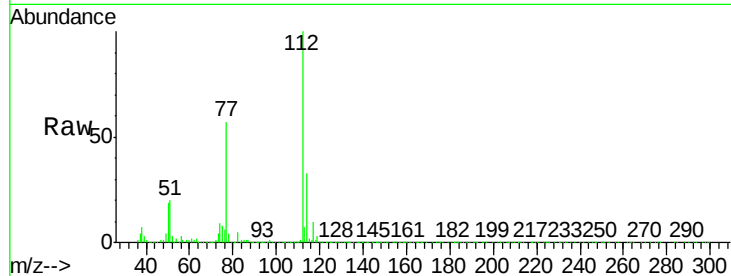
#65
Chlorobenzene
Concen: 19.090 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.2	39.4

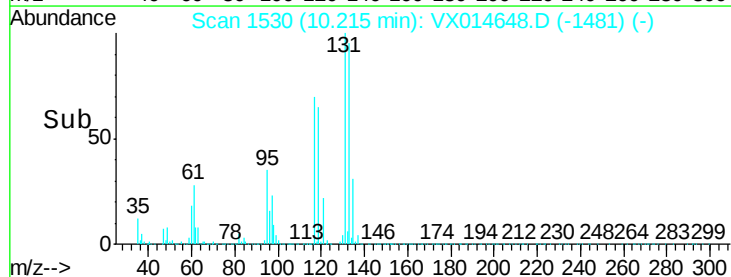
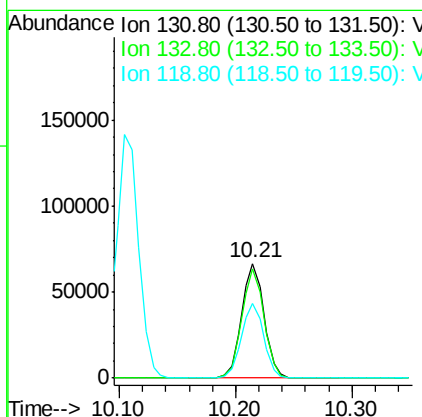
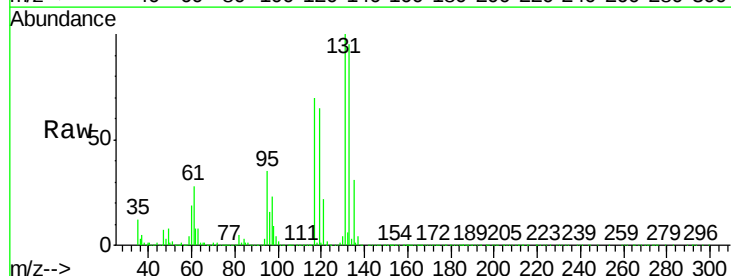
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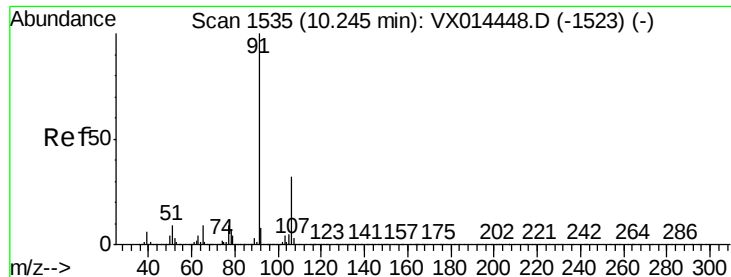
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.629 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.1	47.3	142.0
119	64.7	32.8	98.4





#67

Ethyl Benzene

Concen: 19.307 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD01

Tot Ion: 91 Resp: 423081

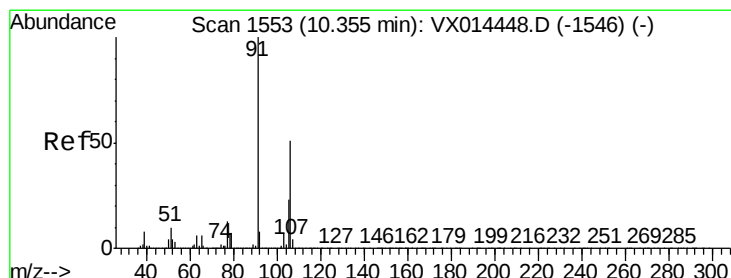
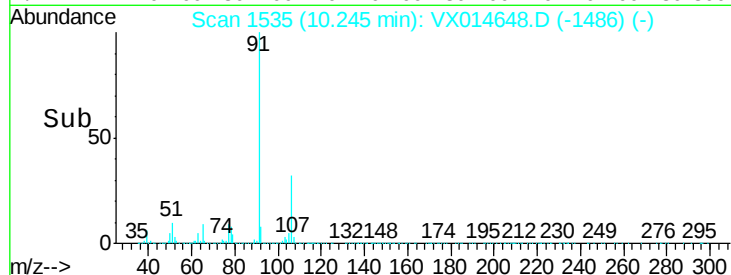
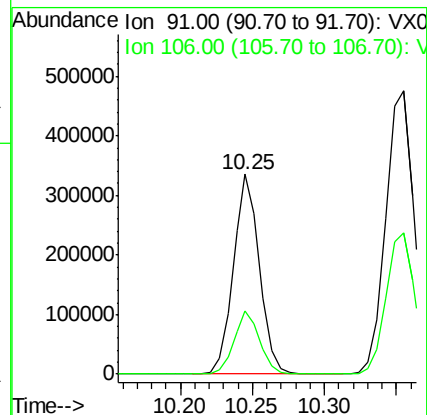
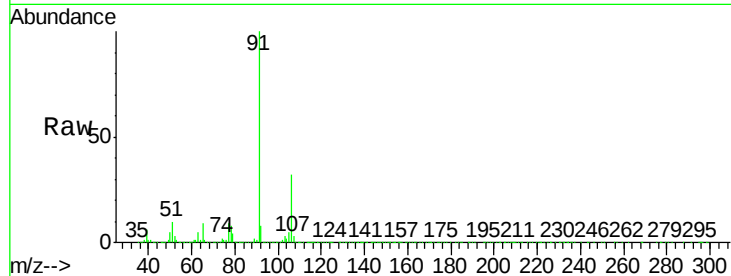
Ion Ratio Lower Upper

91 100

106 31.7 25.6 38.4

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#68

m/p-Xylenes

Concen: 38.336 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014648.D

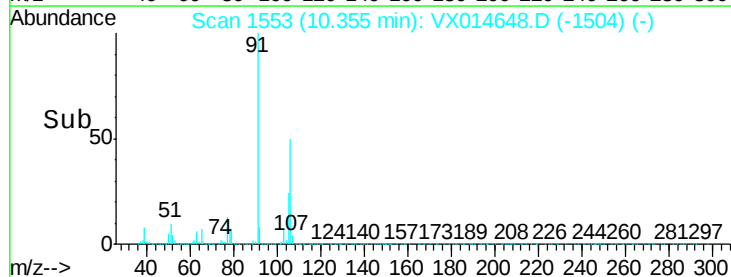
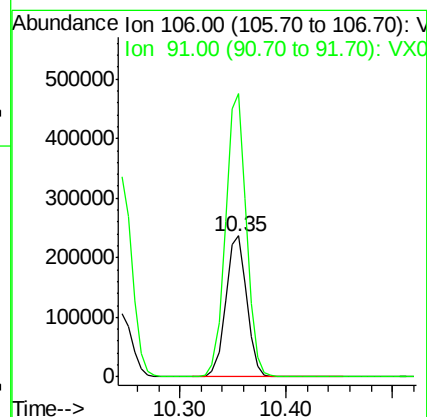
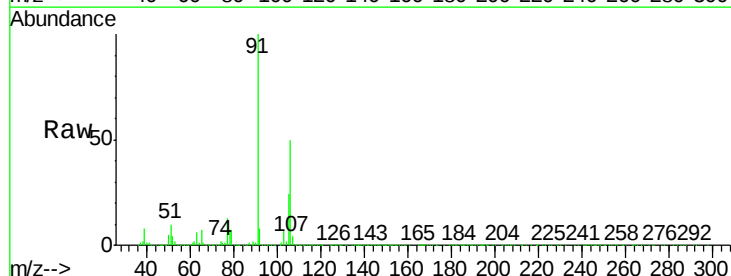
Acq: 17 Jan 2020 12:38

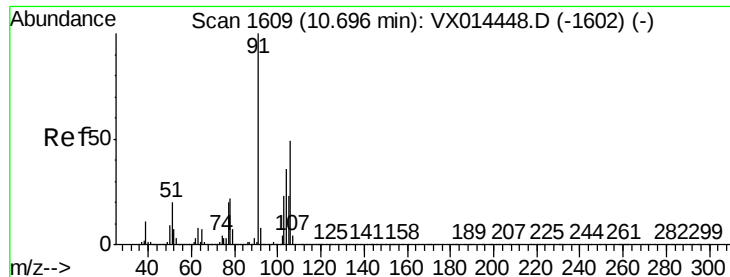
Tgt Ion: 106 Resp: 324097

Ion Ratio Lower Upper

106 100

91 199.1 157.4 236.0





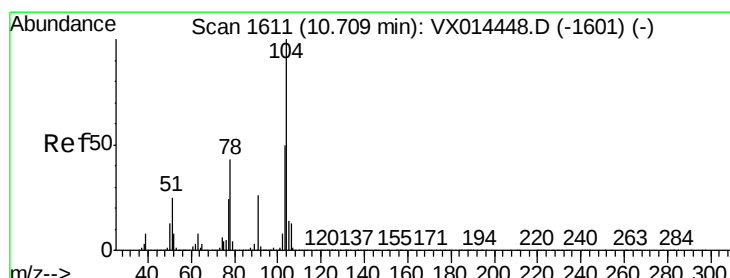
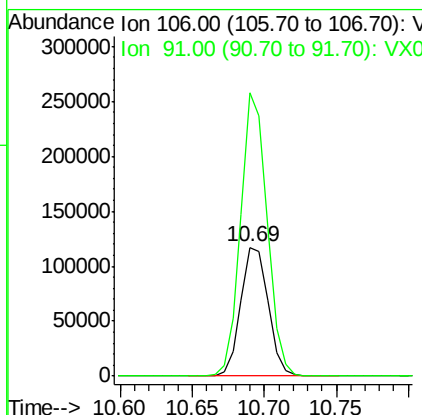
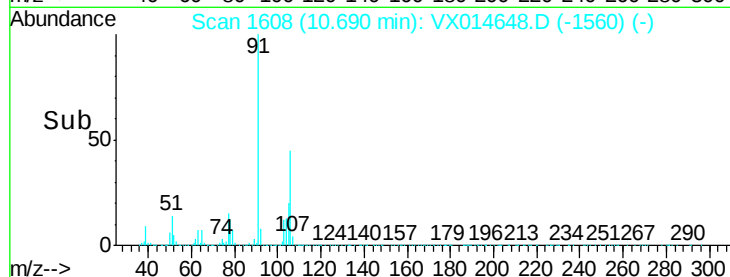
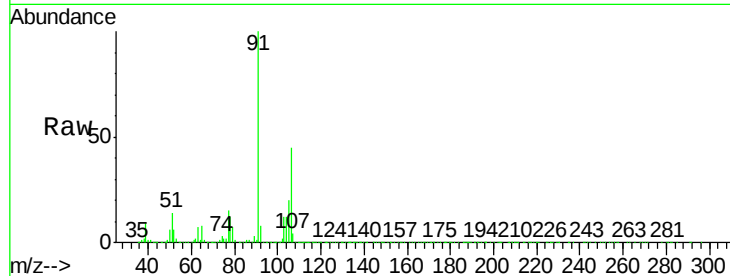
#69
o-Xylene
Concen: 19.382 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD01

Tot Ion:106 Resp: 156343
Ion Ratio Lower Upper
106 100
91 211.0 105.1 315.1

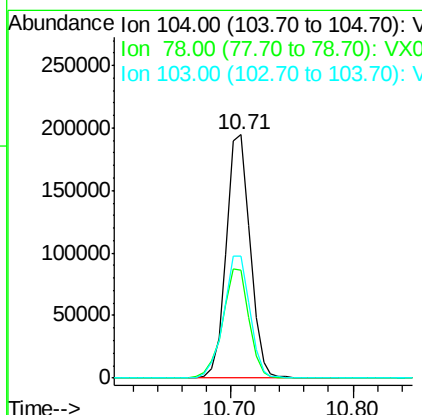
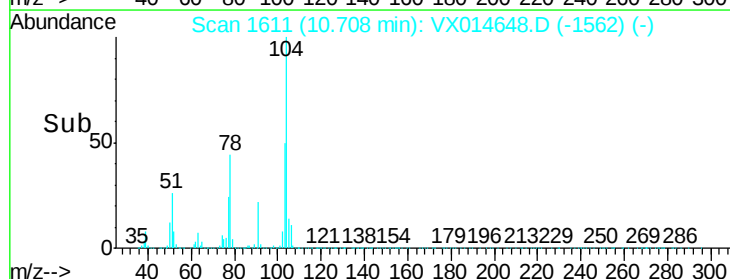
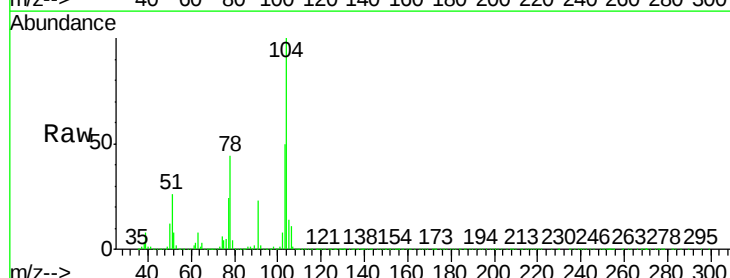
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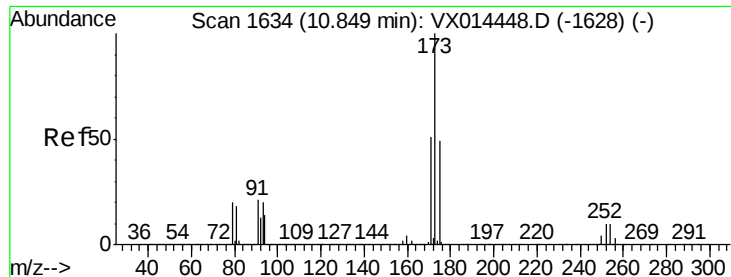
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#70
Styrene
Concen: 18.872 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion:104 Resp: 262710
Ion Ratio Lower Upper
104 100
78 49.4 38.6 58.0
103 55.0 43.7 65.5





#71

Bromoform

Concen: 18.340 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD01

Tot Ion:173 Resp: 68846

Ion Ratio Lower Upper

173 100

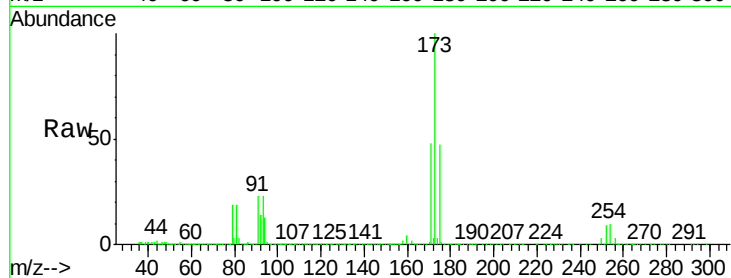
175 50.2 24.3 72.8

254 0.5 0.2 0.2#

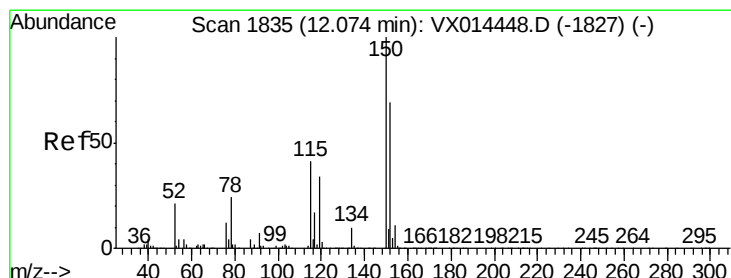
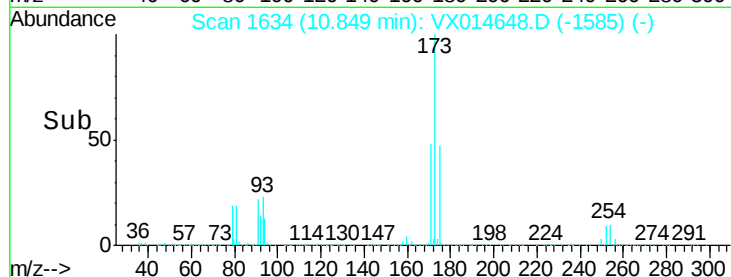
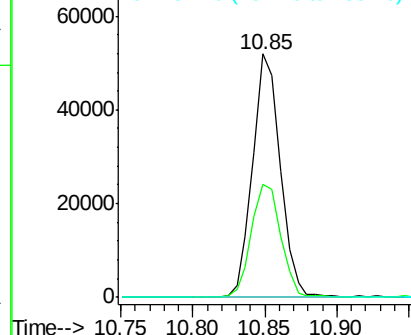
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

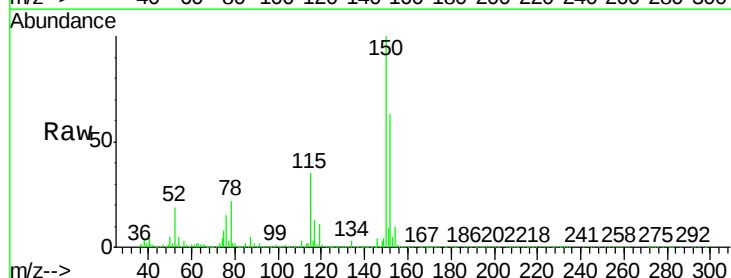
Tgt Ion:152 Resp: 300065

Ion Ratio Lower Upper

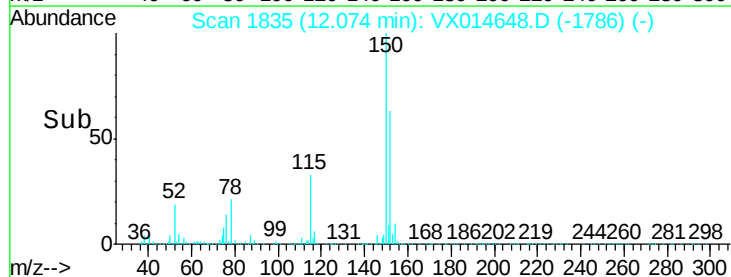
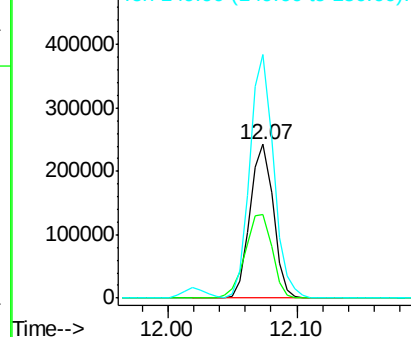
152 100

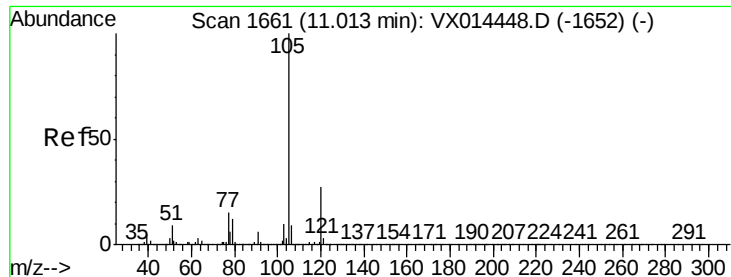
115 63.6 39.5 118.3

150 162.4 0.0 350.2



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





#73

Isopropylbenzene

Concen: 19.730 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD01

Tot Ion:105 Resp: 415736

Ion Ratio Lower Upper

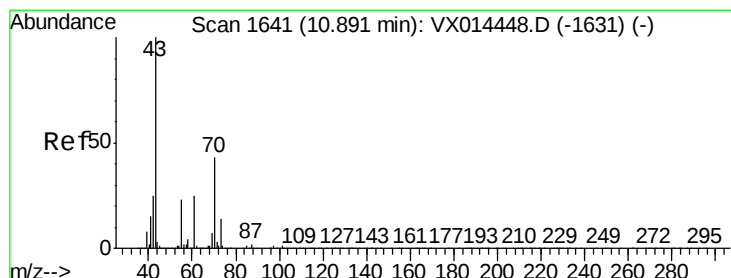
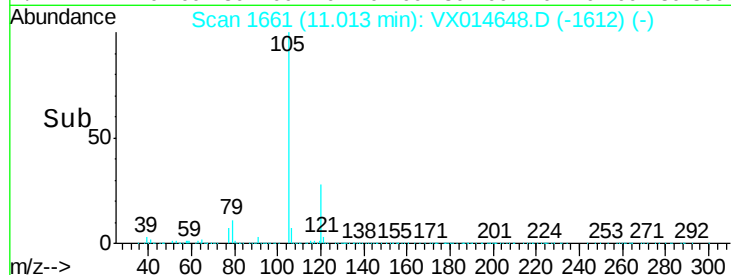
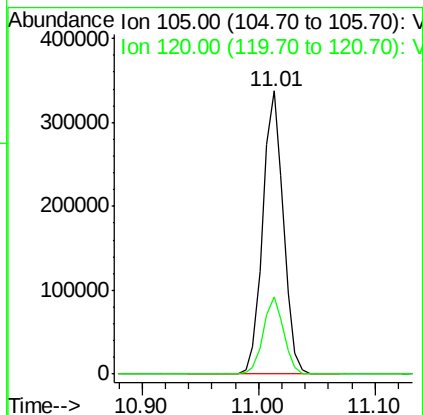
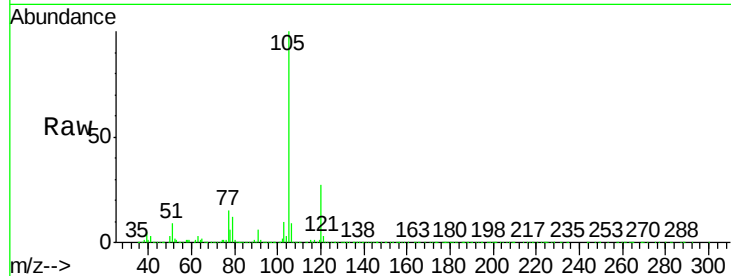
105 100

120 27.2 13.4 40.2

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#74

N-ethyl acetate

Concen: 19.413 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Tgt Ion: 43 Resp: 180469

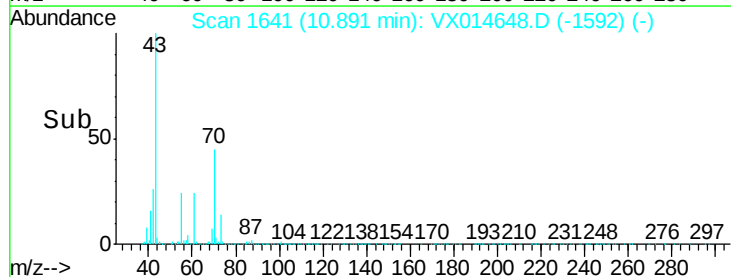
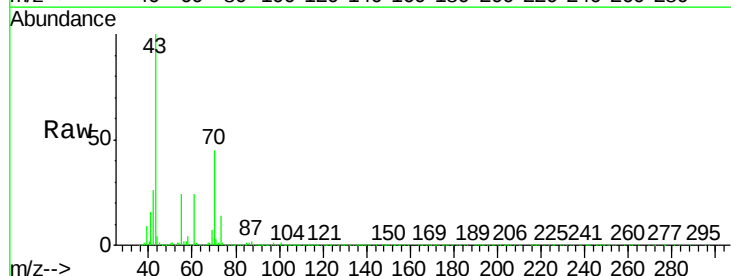
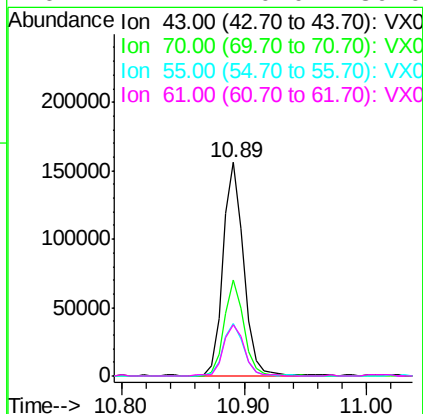
Ion Ratio Lower Upper

43 100

70 43.4 35.1 52.7

55 25.0 19.3 28.9

61 24.7 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.716 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

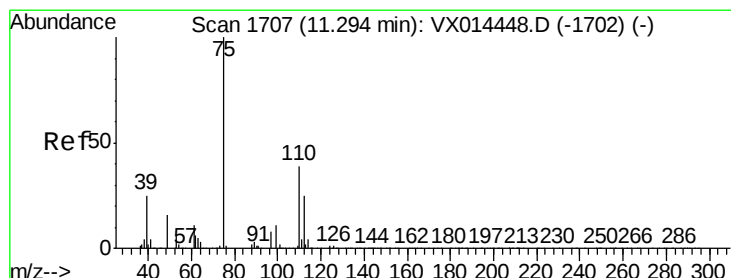
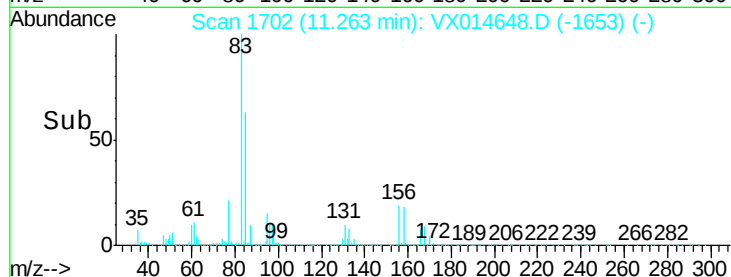
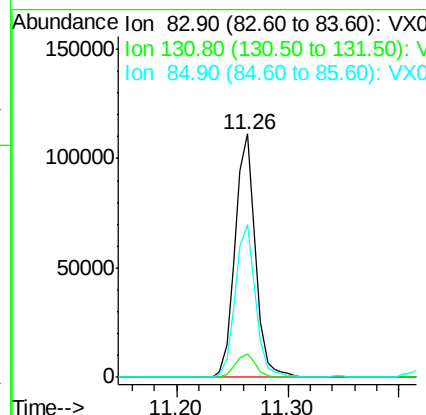
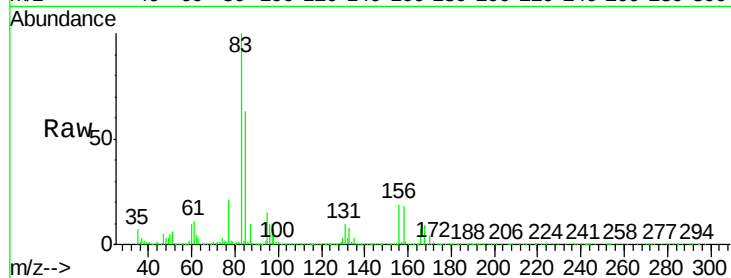
ClientSampleId :

VX0117WBSD01

Tot Ion:	83	Resp:	139986
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.4
85	62.9	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 19.261 ug/l m

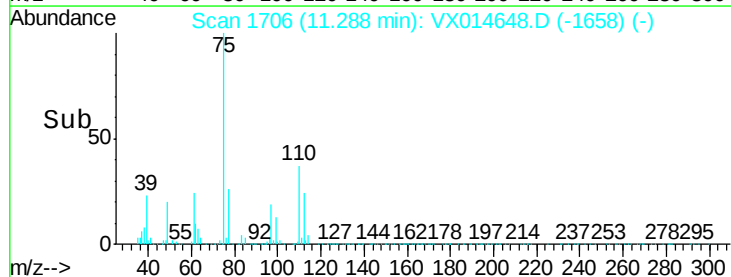
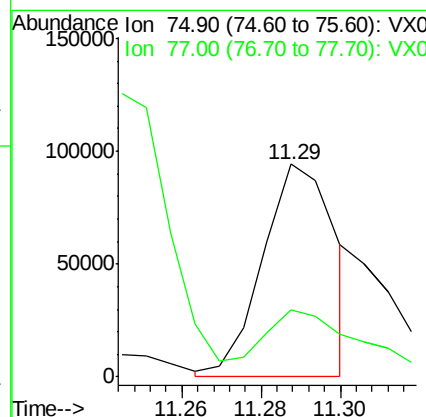
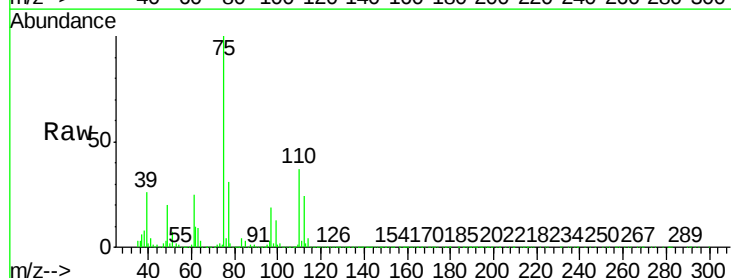
RT: 11.29 min Scan# 1706

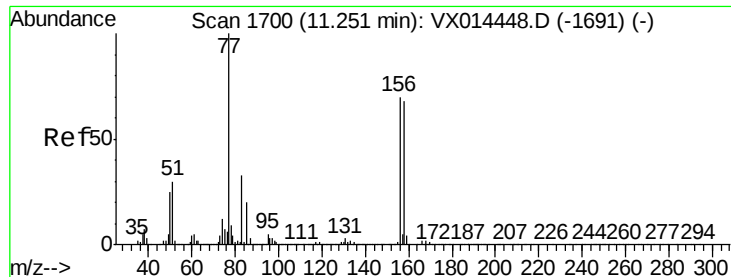
Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Tgt Ion:	75	Resp:	119579
Ion Ratio	Lower	Upper	
75	100		
77	42.4	21.9	65.7





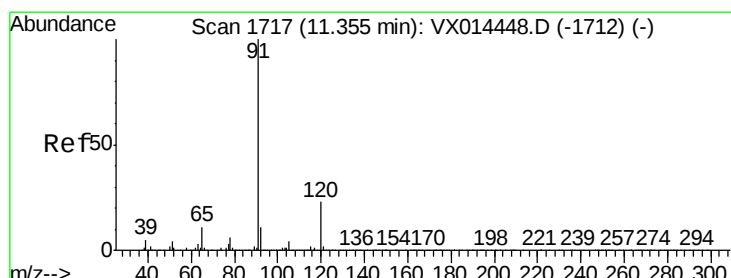
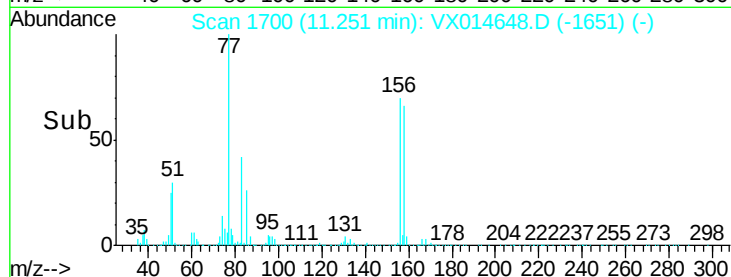
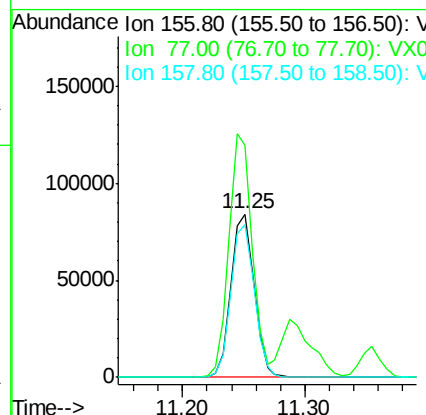
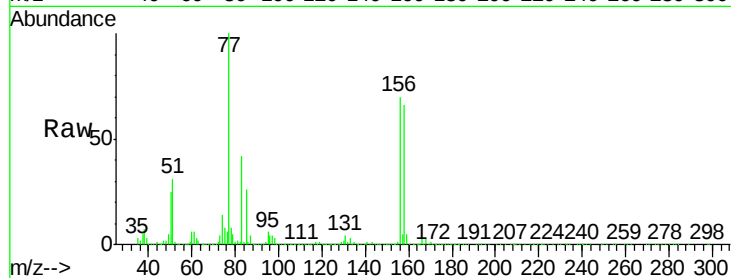
#77
Bromobenzene
Concen: 18.846 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	149.6	75.4	226.3
158	94.9	48.8	146.3

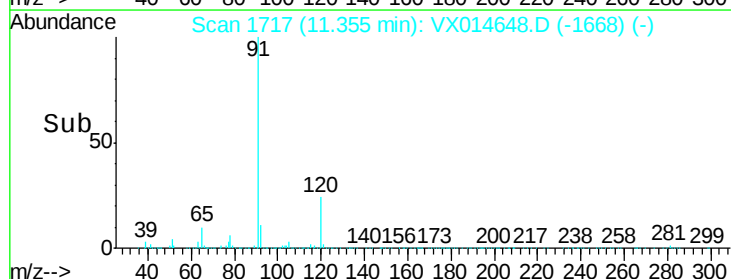
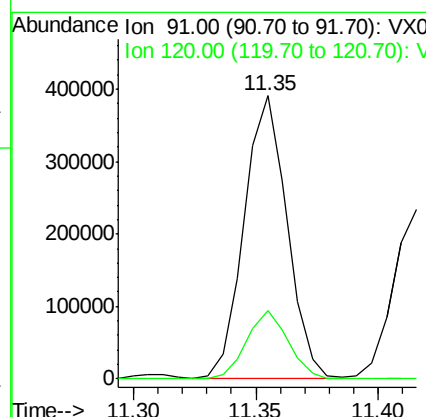
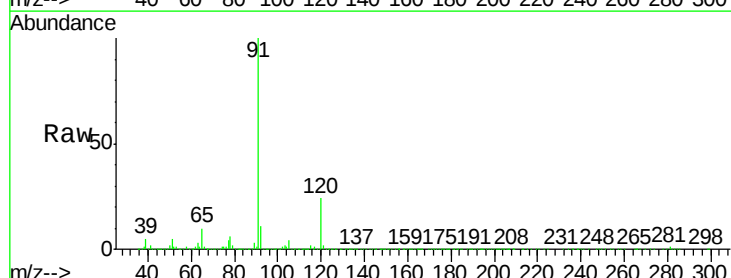
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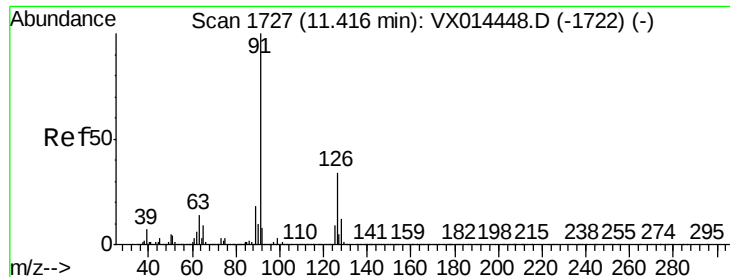
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#78
n-propylbenzene
Concen: 19.542 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.9	35.5





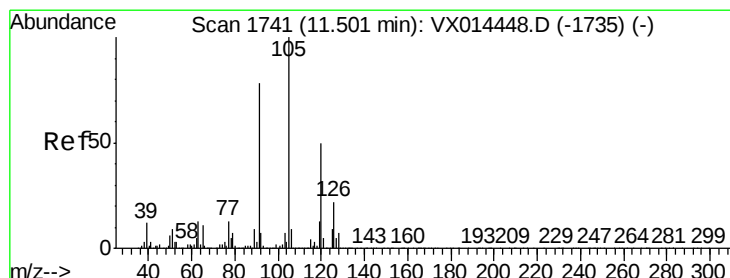
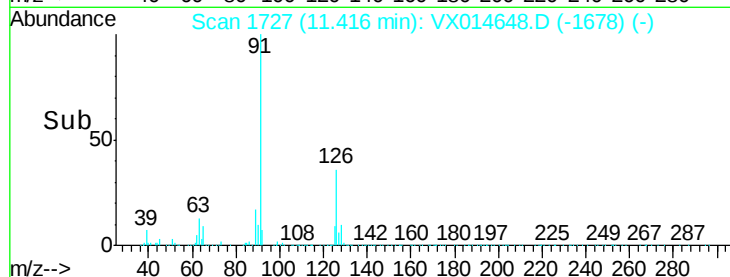
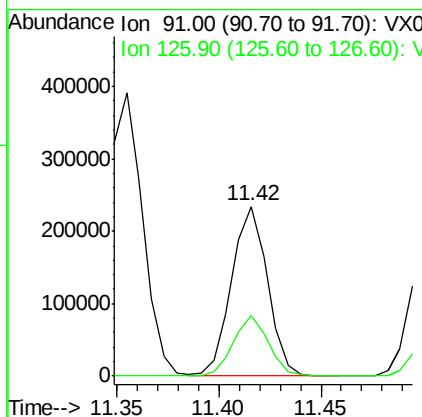
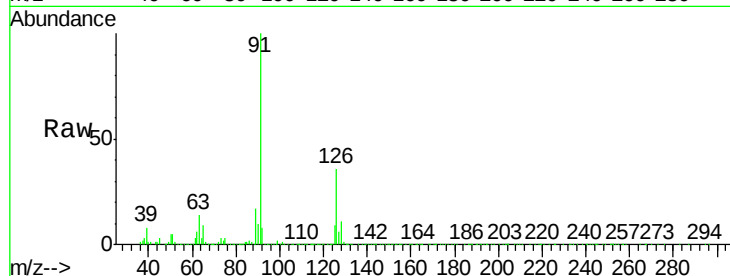
#79
2-Chlorotoluene
Concen: 19.713 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.5	52.5

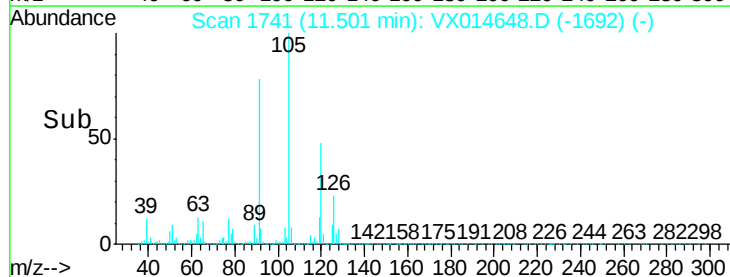
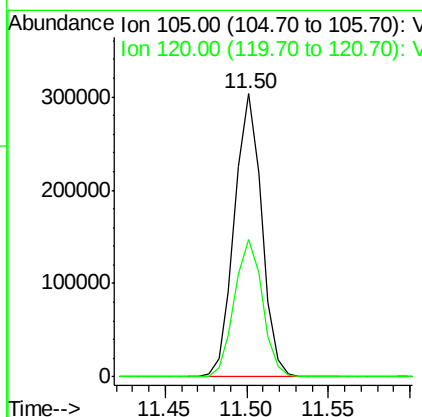
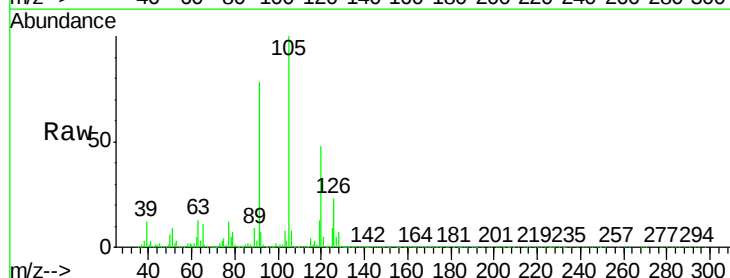
Manual Integrations
APPROVED

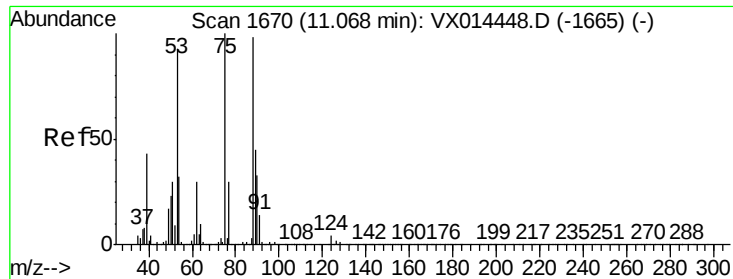
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#80
1,3,5-Trimethylbenzene
Concen: 20.187 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.0	25.2	75.6





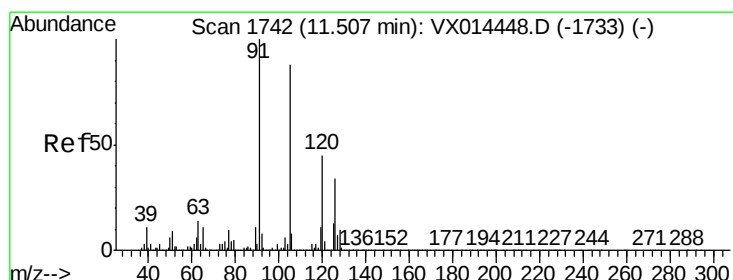
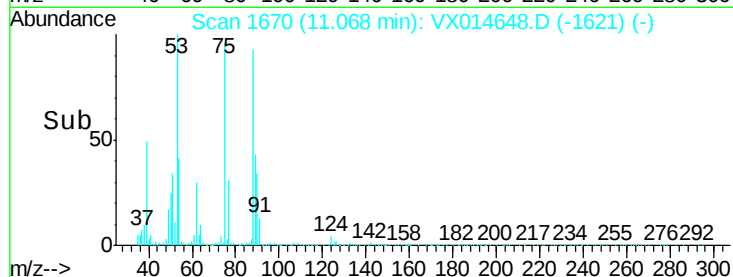
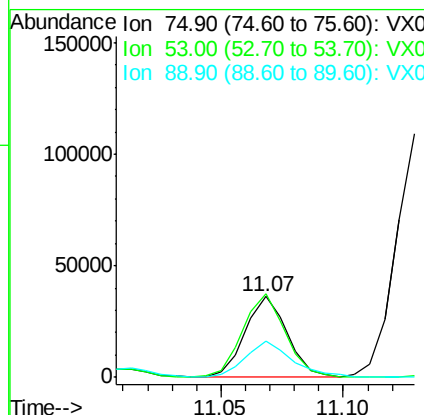
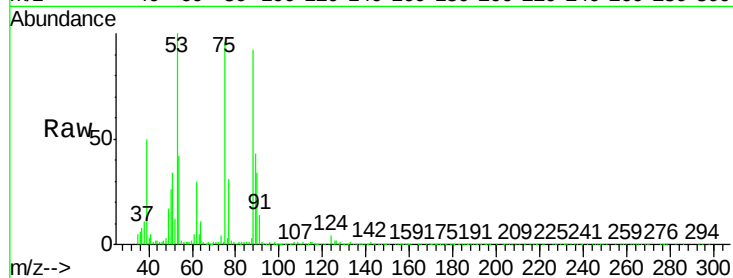
#81
trans-1,4-Dichloro-2-butene
Concen: 18.183 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.3	74.8	112.2
89	50.8	36.3	54.5

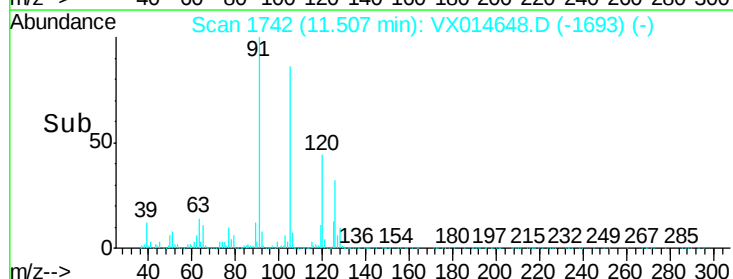
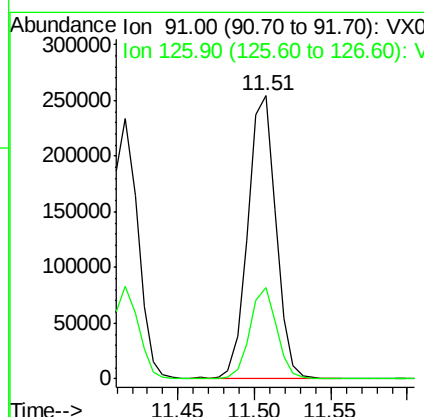
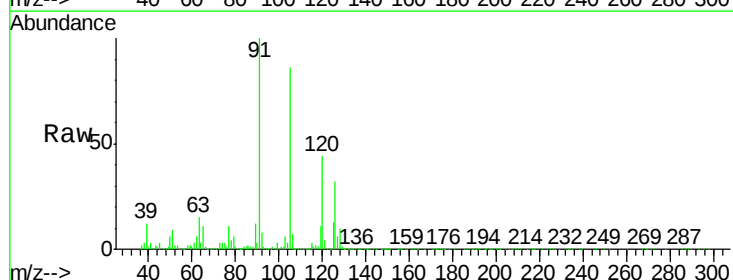
Manual Integrations
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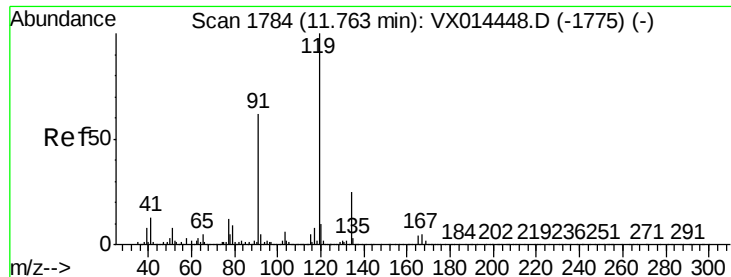
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#82
4-Chlorotoluene
Concen: 19.125 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.9	47.7





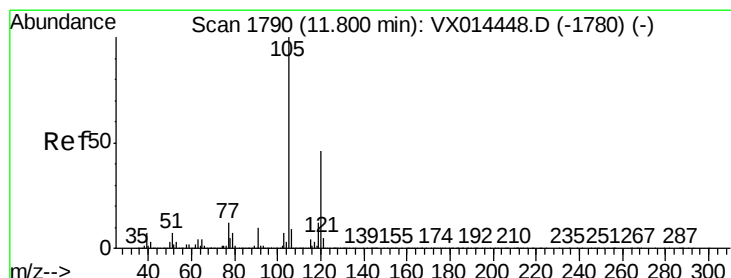
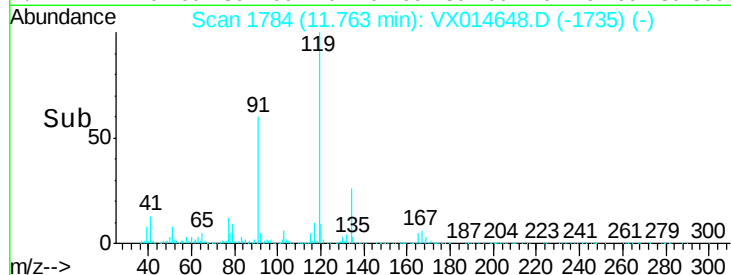
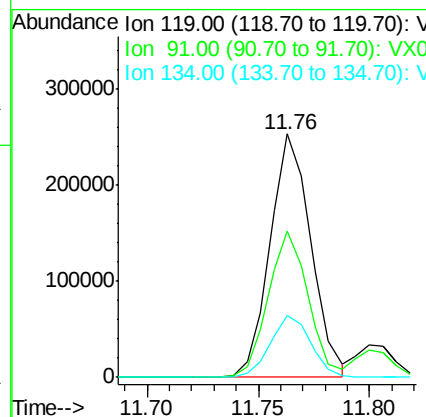
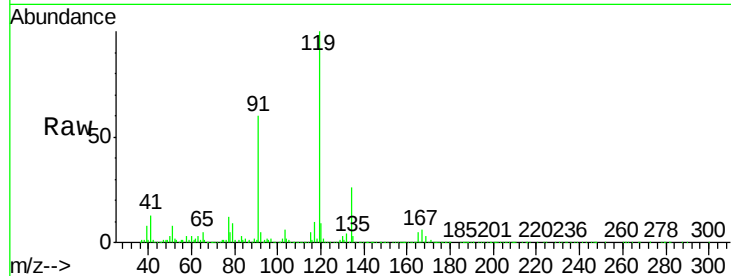
#83
tert-Butylbenzene
Concen: 19.529 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	322805		
91	58.5	29.3	88.0	
134	25.2	12.4	37.4	

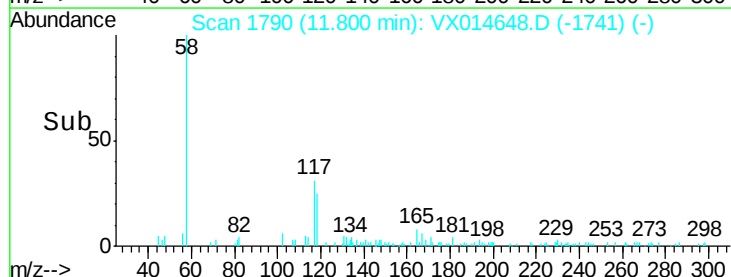
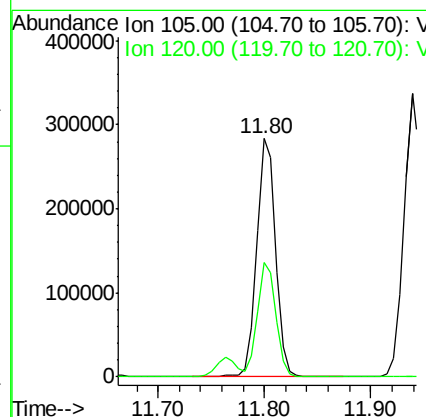
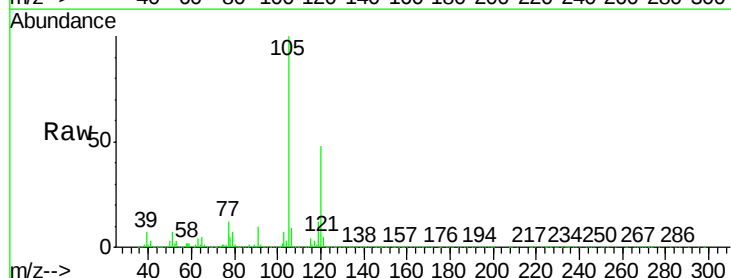
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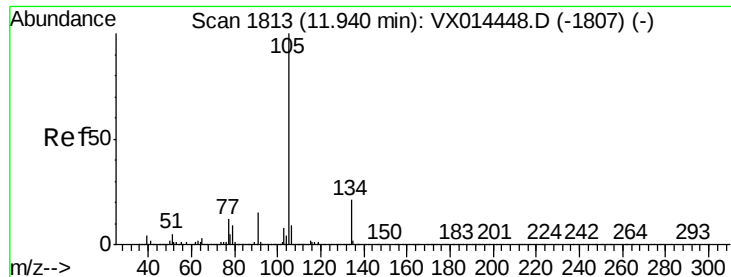
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#84
1,2,4-Trimethylbenzene
Concen: 19.871 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	351252		
120	46.7	23.1	69.3	





#85

sec-Butylbenzene

Concen: 19.505 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBSD01

Tot Ion:105 Resp: 400794

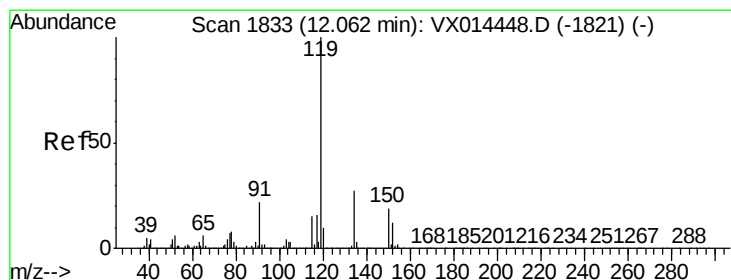
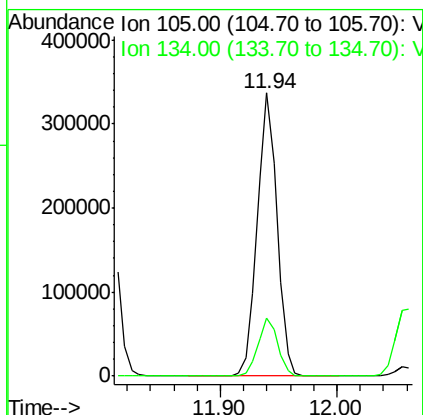
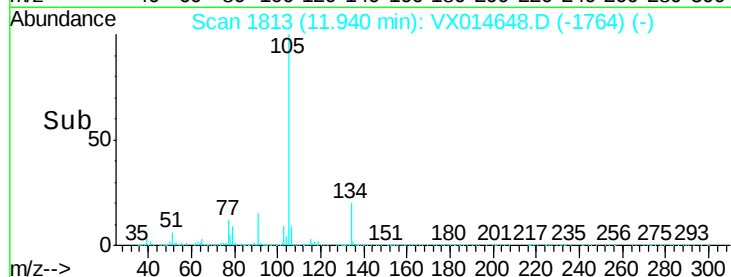
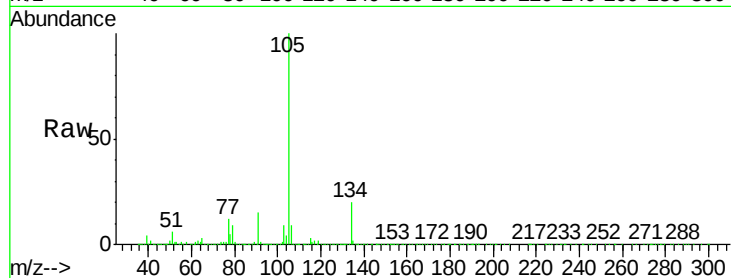
Ion Ratio Lower Upper

105 100

134 20.5 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 19.449 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

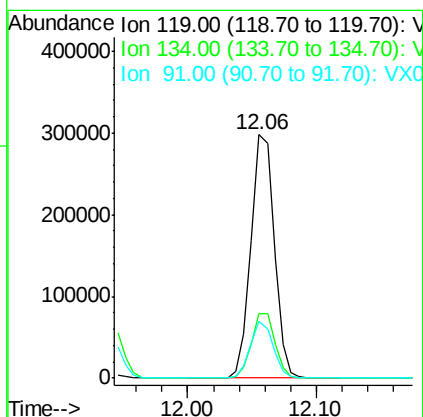
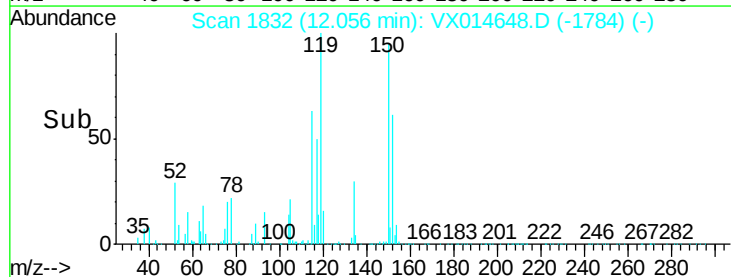
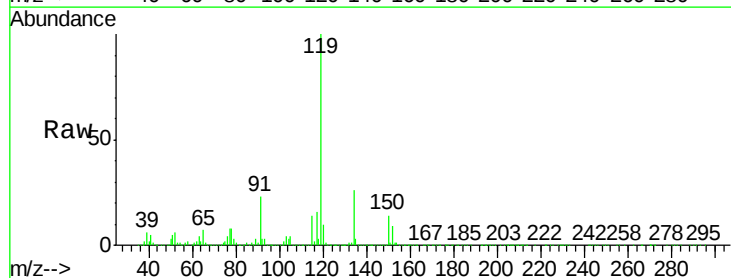
Tgt Ion:119 Resp: 370853

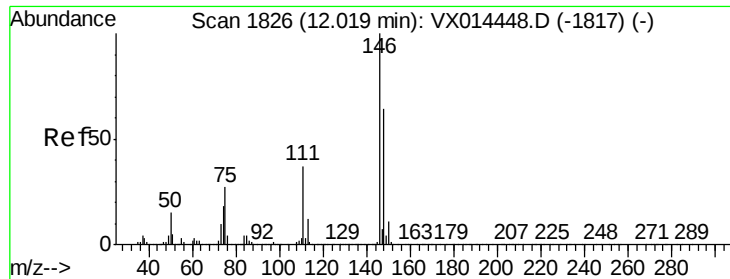
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 22.6 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 18.124 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

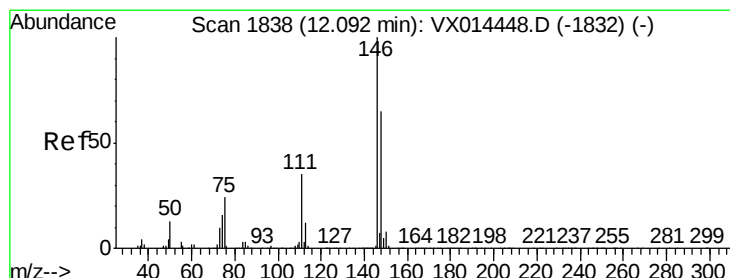
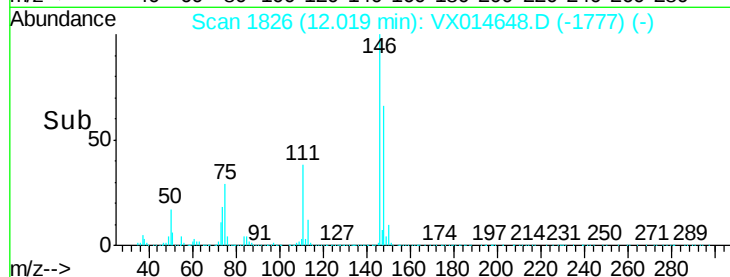
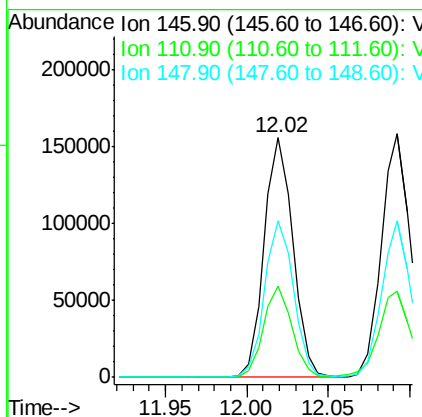
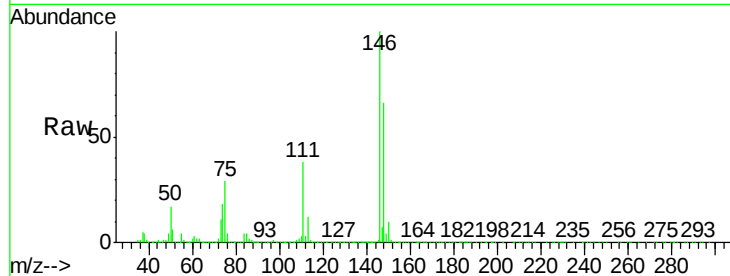
Instrument :
MSVOA_X

ClientSampleId :
VX0117WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.7
148	65.9	32.2	96.6

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#88

1,4-Dichlorobenzene

Concen: 19.414 ug/l

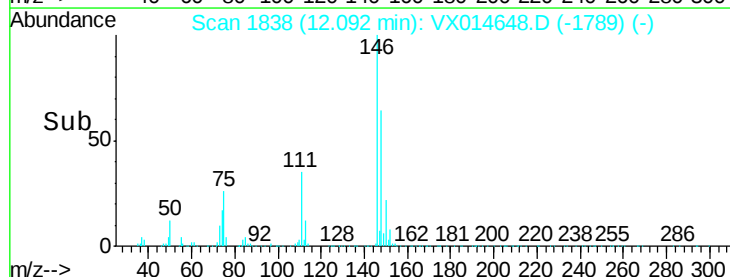
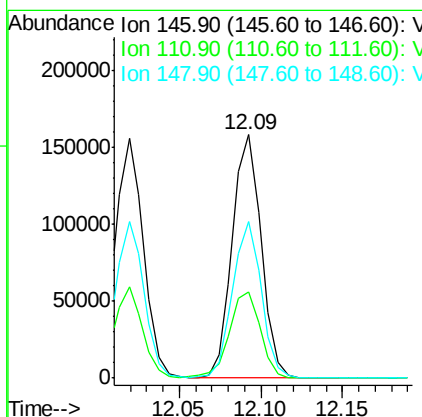
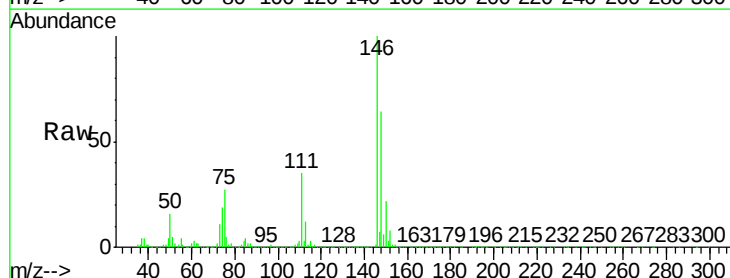
RT: 12.09 min Scan# 1838

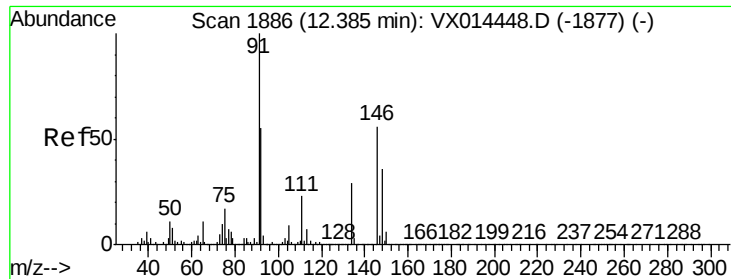
Delta R.T. 0.00 min

Lab File: VX014648.D

Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.1	54.1
148	64.1	32.1	96.3





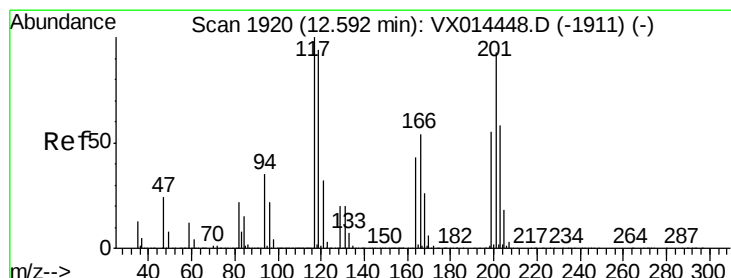
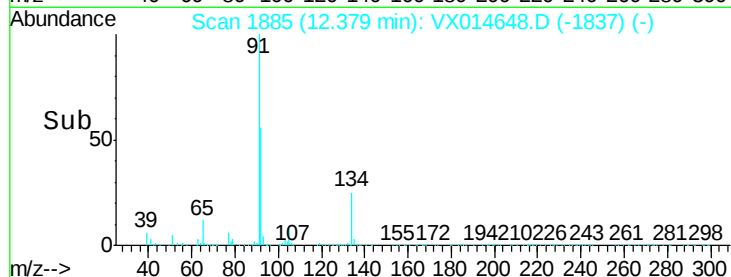
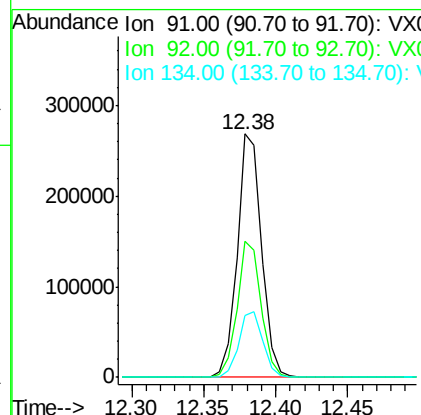
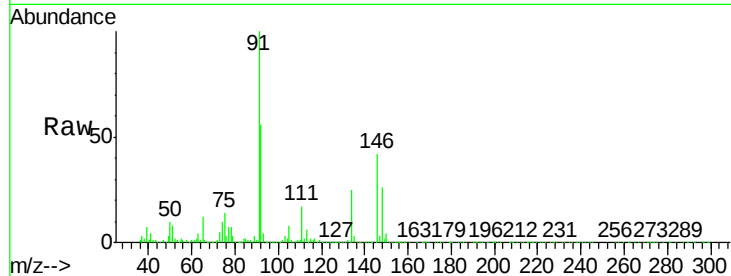
#89
n-Butylbenzene
Concen: 18.103 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.6	27.4	82.2
134	27.1	13.9	41.7

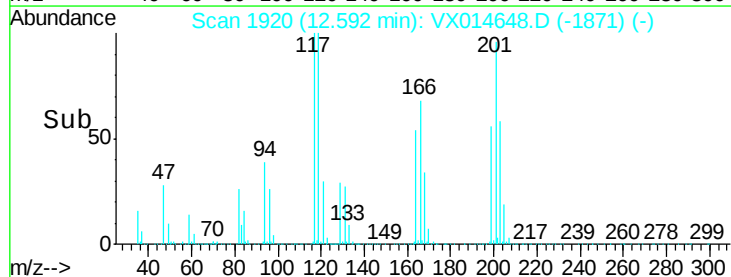
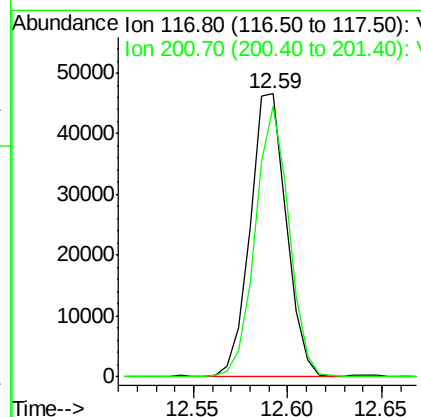
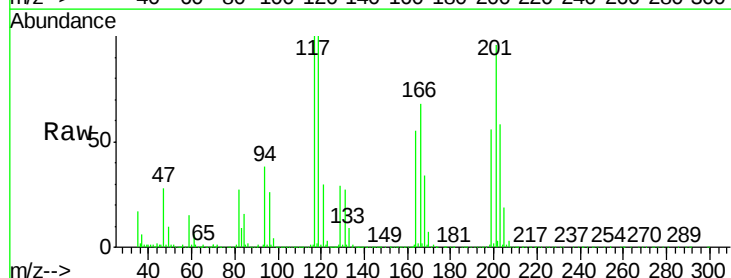
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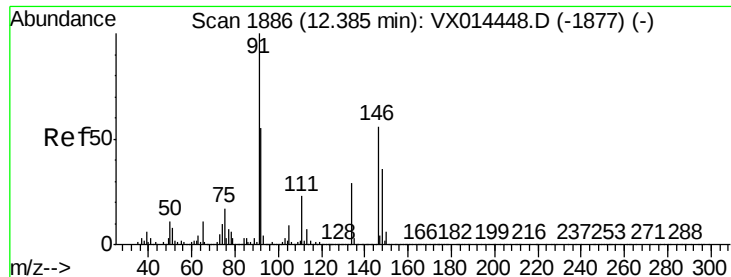
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#90
Hexachloroethane
Concen: 18.501 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.0	44.8	134.3





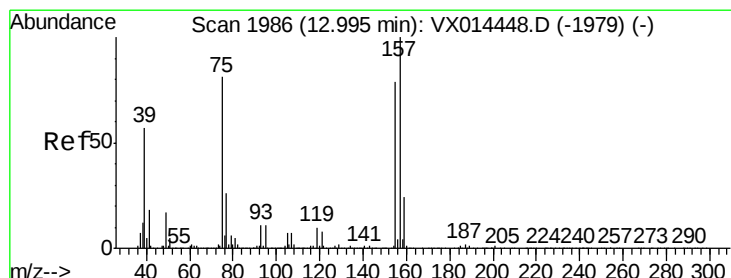
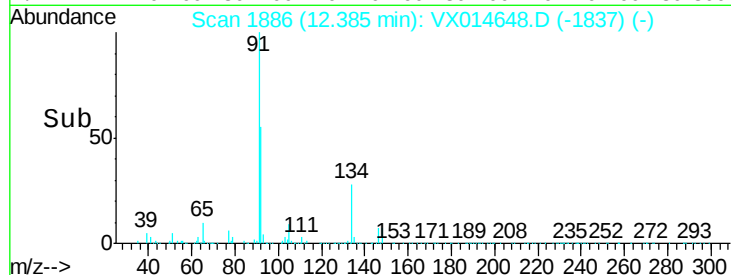
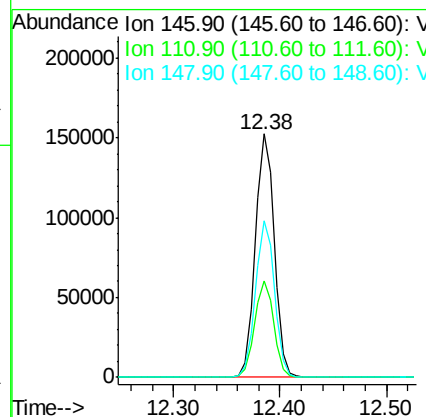
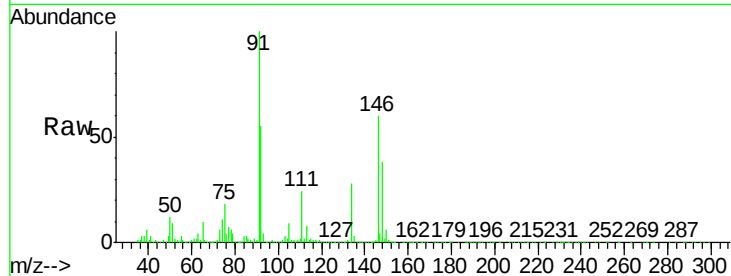
#91
 1,2-Dichlorobenzene
 Concen: 18.700 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	192131		
111	39.5	19.8	59.4	
148	64.0	32.3	96.8	

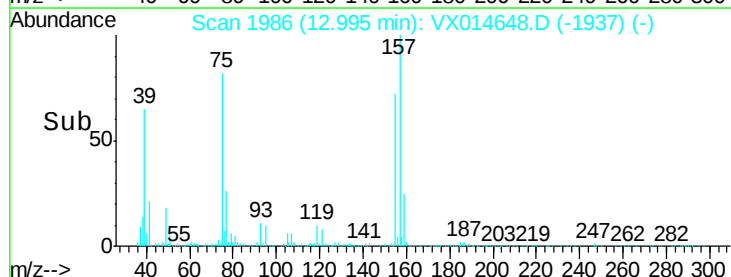
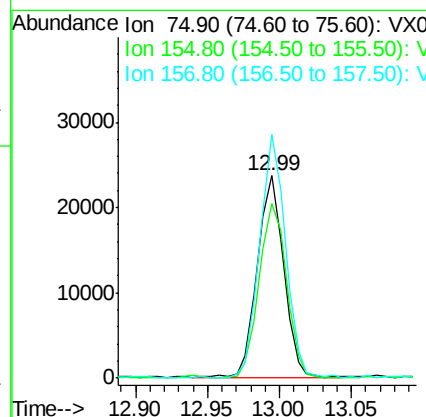
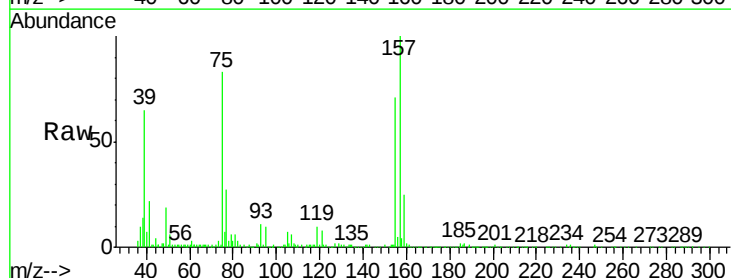
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.426 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014648.D
 Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	29527		
155	90.8	48.7	146.1	
157	118.9	62.0	185.9	





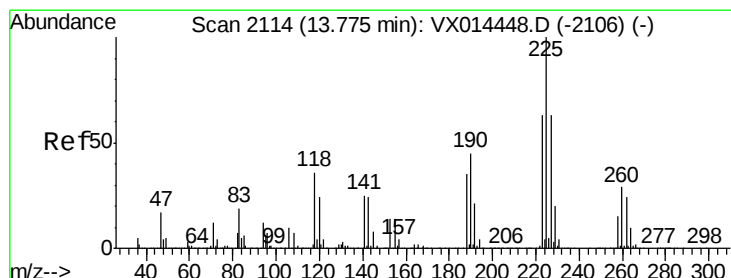
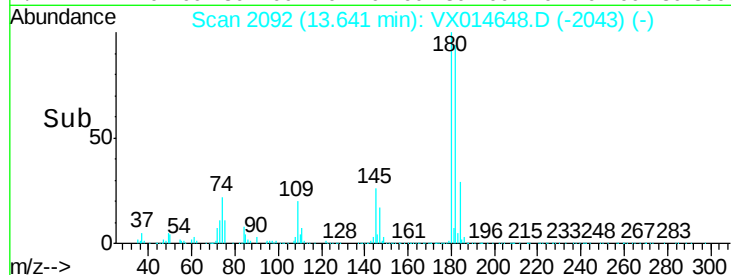
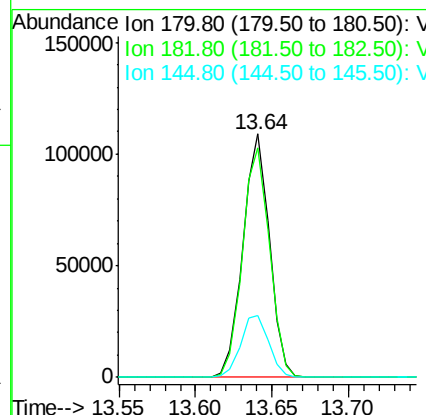
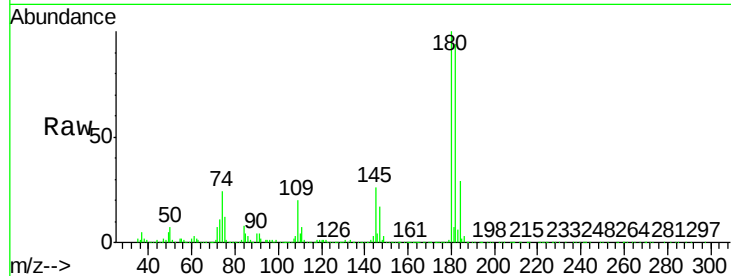
#93
1,2,4-Trichlorobenzene
Concen: 18.140 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD01

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.8	47.5	142.5
145	27.3	13.9	41.6

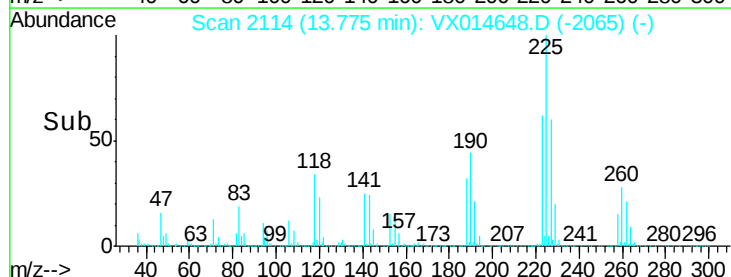
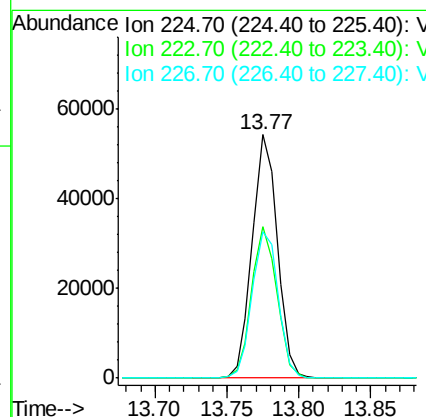
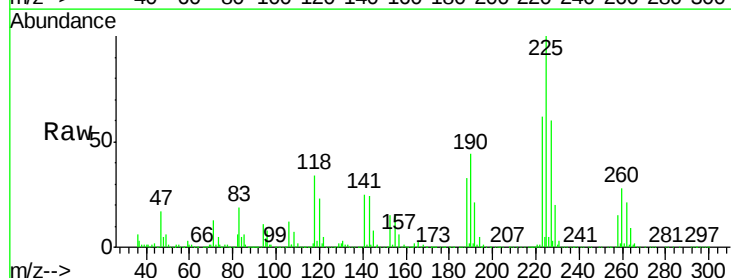
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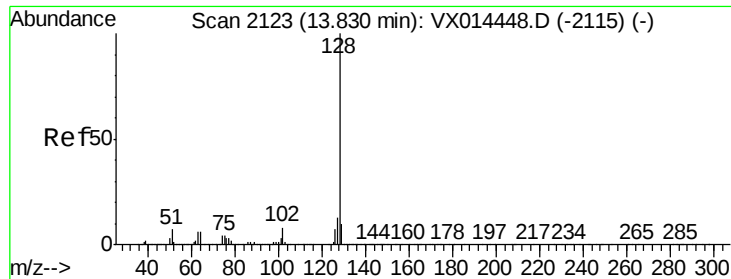
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#94
Hexachlorobutadiene
Concen: 19.479 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.1	31.1	93.2
227	62.1	31.4	94.2





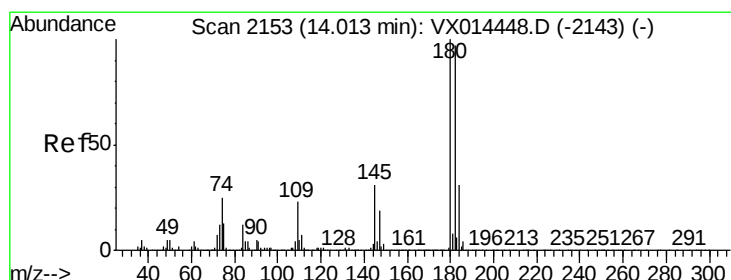
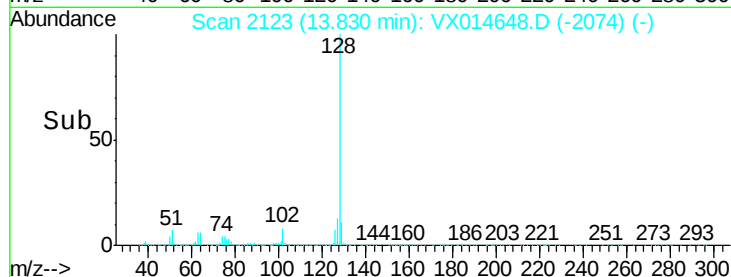
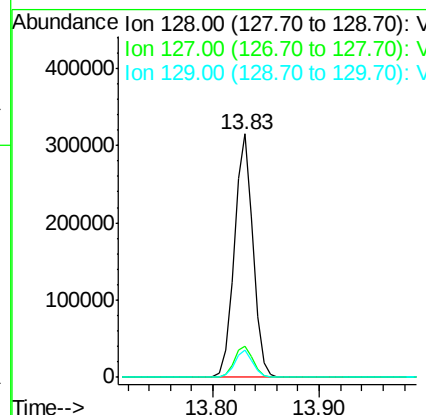
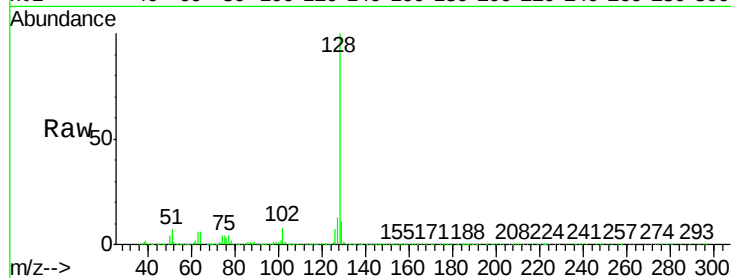
#95
Naphthalene
Concen: 17.193 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/20/2020 11:19:49 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.428 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014648.D
Acq: 17 Jan 2020 12:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.6
145	30.3	14.8	44.3

