

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014552.D
 Acq On : 10 Jan 2020 22:10
 Operator : JC/SP
 Sample : VX0110WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS02

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 11:34:13 AM

Quant Time: Jan 11 00:37:40 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	458893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	699978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	630402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	306322	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	257376	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	5.49	113	209187	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
50) Toluene-d8	8.71	98	829522	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.13	95	285860	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	110762	19.595	ug/l	99
3) Chloromethane	1.32	50	118196	20.206	ug/l	99
4) Vinyl Chloride	1.40	62	134697	20.665	ug/l	98
5) Bromomethane	1.64	94	79211	18.333	ug/l	99
6) Chloroethane	1.72	64	76416	20.761	ug/l	98
7) Trichlorofluoromethane	1.92	101	143028	19.344	ug/l	99
8) Diethyl Ether	2.18	74	66142	19.607	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	83856	18.641	ug/l	99
10) Methyl Iodide	2.50	142	101779	18.895	ug/l	99
11) Tert butyl alcohol	3.03	59	110198	103.024	ug/l	99
12) 1,1-Dichloroethene	2.37	96	85324	18.826	ug/l	98
13) Acrolein	2.28	56	70861	82.652	ug/l	100
14) Allyl chloride	2.72	41	151188	19.000	ug/l	97
15) Acrylonitrile	3.13	53	260791	101.019	ug/l	99
16) Acetone	2.43	43	292150	111.424	ug/l	98
17) Carbon Disulfide	2.56	76	222850	17.622	ug/l	99
18) Methyl Acetate	2.76	43	161377	21.918	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	288410	19.823	ug/l	100
20) Methylene Chloride	2.85	84	100331	19.468	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	91456	18.484	ug/l	98
22) Diisopropyl ether	3.84	45	308706	20.075	ug/l	95
23) Vinyl Acetate	3.81	43	762329	64.031	ug/l	99
24) 1,1-Dichloroethane	3.69	63	167226	19.991	ug/l	100
25) 2-Butanone	4.65	43	392385	102.541	ug/l	98
26) 2,2-Dichloropropane	4.58	77	112585	15.888	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	108141	19.551	ug/l	99
28) Bromochloromethane	5.01	49	70259	19.932	ug/l	99
29) Tetrahydrofuran	5.11	42	233291	103.115	ug/l	100
30) Chloroform	5.20	83	163743	20.031	ug/l	95
31) Cyclohexane	5.57	56	156098	19.936	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	137917	19.711	ug/l	100
36) 1,1-Dichloropropene	5.79	75	123795	18.806	ug/l	99
37) Ethyl Acetate	4.82	43	139515	19.512	ug/l	99
38) Carbon Tetrachloride	5.78	117	116529	19.237	ug/l	98

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Manual Integrations
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 1/13/2020 11:34:13 AM

Quant Time: Jan 11 00:37:40 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	7.46	83	149648	18.095	ug/l	98
40) Benzene	6.14	78	385203	19.716	ug/l	98
41) Methacrylonitrile	5.03	41	76616	20.093	ug/l	98
42) 1,2-Dichloroethane	6.19	62	134776	19.730	ug/l	100
43) Isopropyl Acetate	6.44	43	228183	19.755	ug/l	99
44) Trichloroethene	7.20	130	113229	20.167	ug/l	98
45) 1,2-Dichloropropane	7.51	63	99923	20.061	ug/l	97
46) Dibromomethane	7.65	93	64433	18.534	ug/l	98
47) Bromodichloromethane	7.89	83	122583	19.378	ug/l	98
48) Methyl methacrylate	7.76	41	112827	20.395	ug/l	99
49) 1,4-Dioxane	7.73	88	48497	413.729	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	721903	102.564	ug/l	99
52) Toluene	8.78	92	239677	19.164	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	130116	17.667	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	147587	18.551	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	98659	19.640	ug/l	99
56) Ethyl methacrylate	9.17	69	151479	19.683	ug/l	100
57) 1,3-Dichloropropane	9.37	76	165430	19.696	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	275380	105.168	ug/l	99
59) 2-Hexanone	9.48	43	567732	101.941	ug/l	99
60) Dibromochloromethane	9.57	129	97740	19.358	ug/l	100
61) 1,2-Dibromoethane	9.67	107	102698	19.300	ug/l	97
64) Tetrachloroethene	9.33	164	153791	24.342	ug/l	94
65) Chlorobenzene	10.14	112	257995	18.858	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	93703	19.192	ug/l	99
67) Ethyl Benzene	10.25	91	450354	19.313	ug/l	97
68) m/p-Xylenes	10.36	106	341532	37.965	ug/l	98
69) o-Xylene	10.70	106	166239	19.368	ug/l	98
70) Styrene	10.71	104	284499	19.207	ug/l	99
71) Bromoform	10.85	173	72755	18.214	ug/l #	98
73) Isopropylbenzene	11.01	105	440495	20.478	ug/l	100
74) N-amyl acetate	10.89	43	186733	19.677	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	131486	19.061	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	122709m	19.361	ug/l	
77) Bromobenzene	11.25	156	115645	19.386	ug/l	99
78) n-propylbenzene	11.35	91	488123	19.814	ug/l	100
79) 2-Chlorotoluene	11.42	91	298348	20.321	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	366961	20.548	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42629	17.783	ug/l	94
82) 4-Chlorotoluene	11.51	91	333677	19.362	ug/l	98
83) tert-Butylbenzene	11.76	119	310999	18.431	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	360369	19.970	ug/l	100
85) sec-Butylbenzene	11.94	105	420807	20.060	ug/l	99
86) p-Isopropyltoluene	12.06	119	386833	19.873	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	202413	18.907	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	200516	19.580	ug/l	98
89) n-Butylbenzene	12.39	91	315780	17.743	ug/l	99
90) Hexachloroethane	12.59	117	63568	18.591	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	202990	19.353	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29809	19.211	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Manual Integrations
APPROVED

MMDadoda
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Quant Time: Jan 11 00:37:40 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)
93) 1,2,4-Trichlorobenzene	13.64	180	131683	17.816	ug/l	98
94) Hexachlorobutadiene	13.78	225	63140	18.352	ug/l	98
95) Naphthalene	13.83	128	408305	17.870	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	135630	18.604	ug/l	100

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

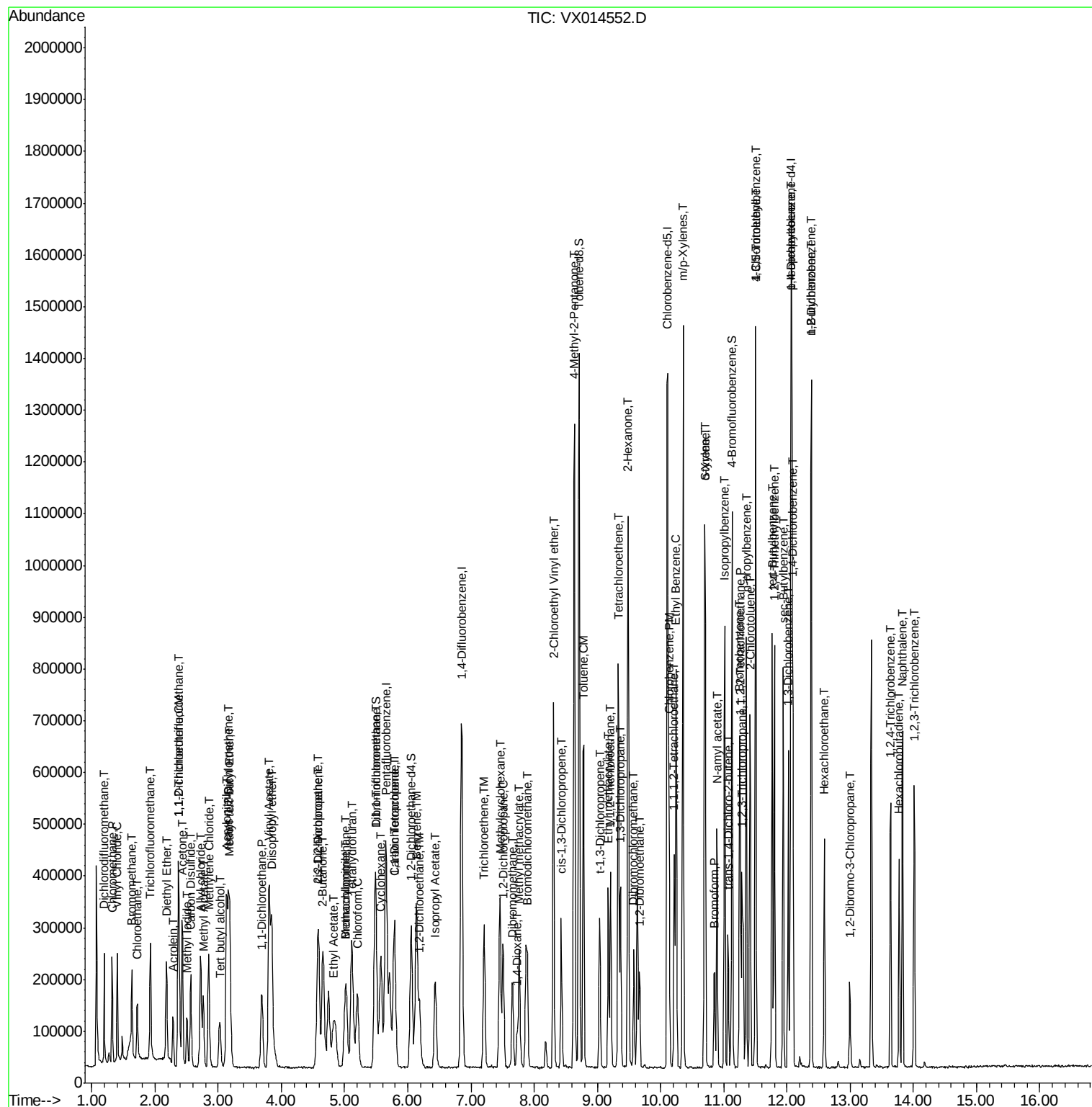
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Data File : VX014552.D
Acq On : 10 Jan 2020 22:10
Operator : JC/SP
Sample : VX0110WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

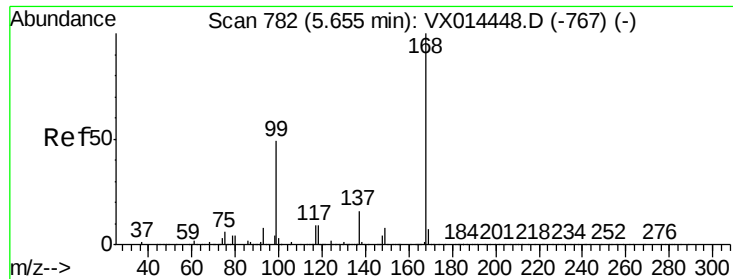
Instrument :
MSVOA_X
ClientSampled :
VX0110WBS02

Manual Integrations
APPROVED

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Quant Title : SW846 8260
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#1

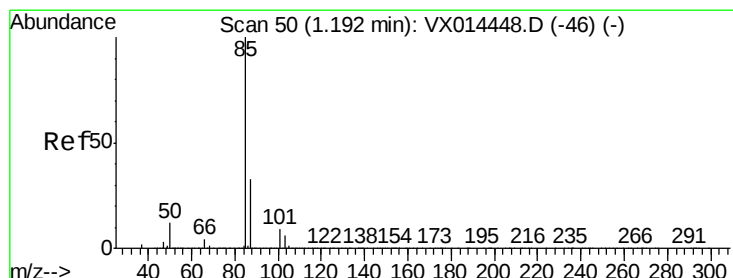
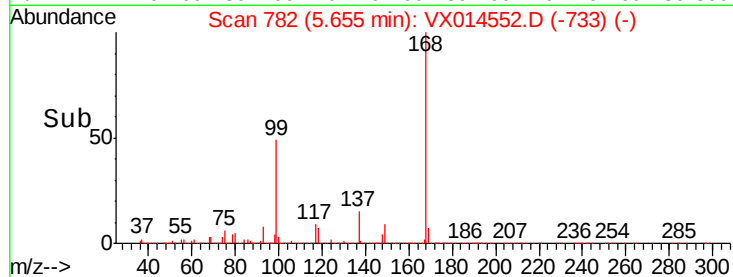
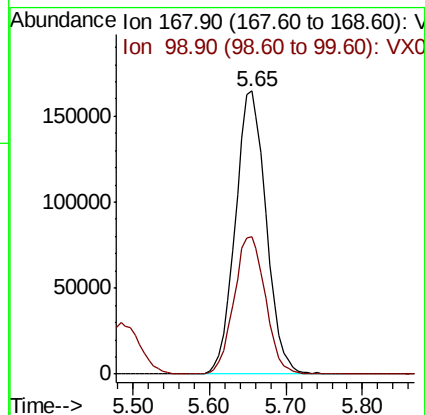
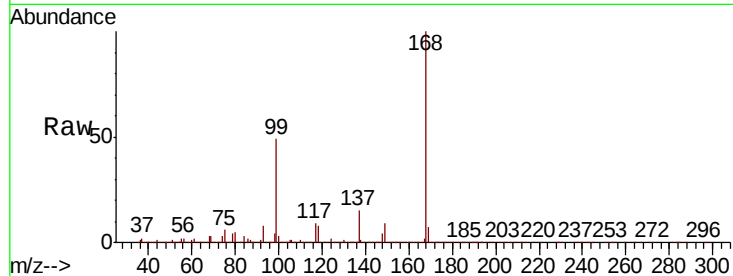
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.7	39.2	58.8

Manual Integrations
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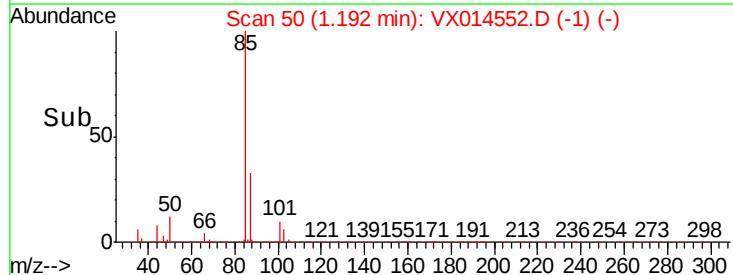
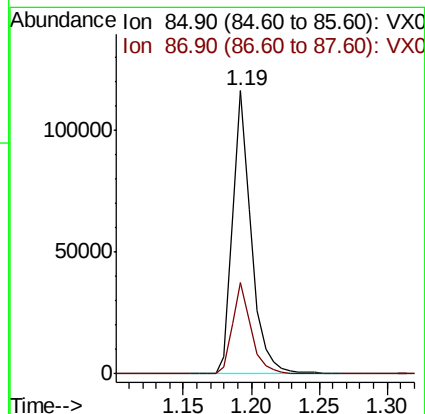
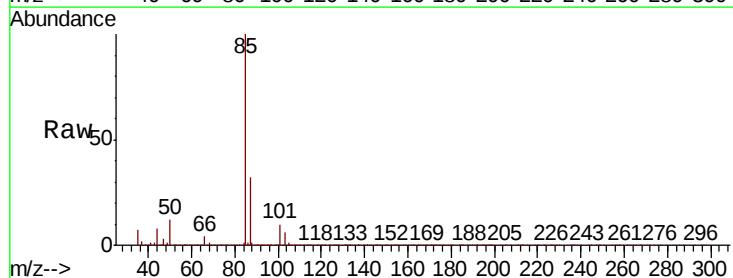
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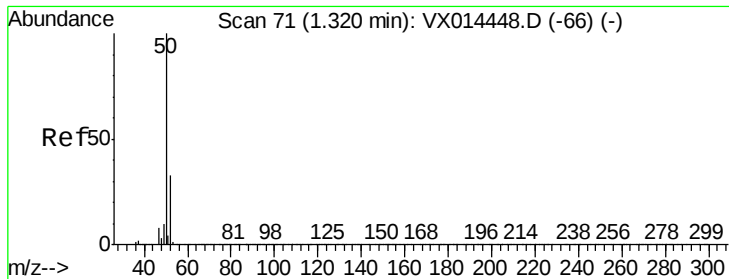


#2

Dichlorodifluoromethane
 Concen: 19.595 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.5	49.5





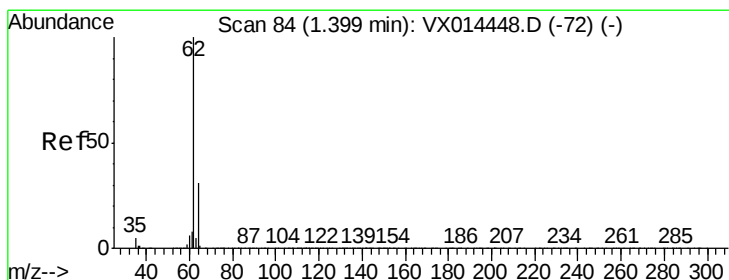
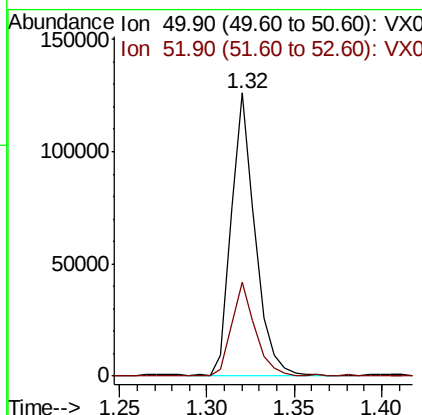
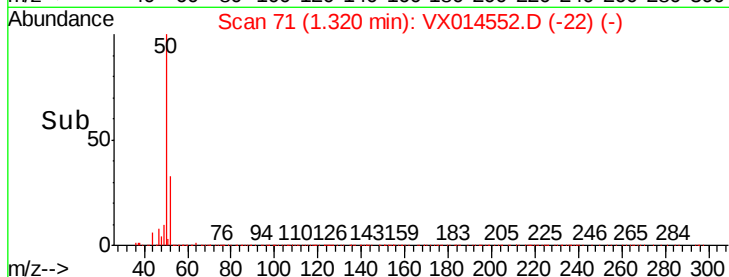
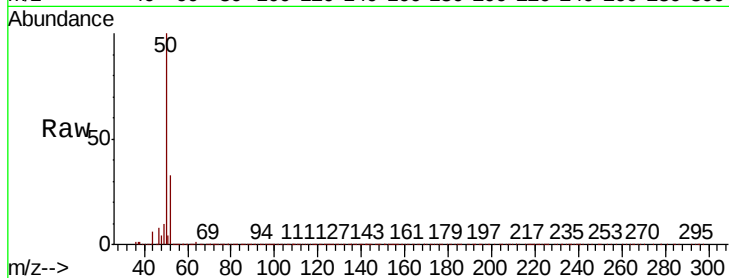
#3
Chloromethane
Concen: 20.206 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.1	39.1

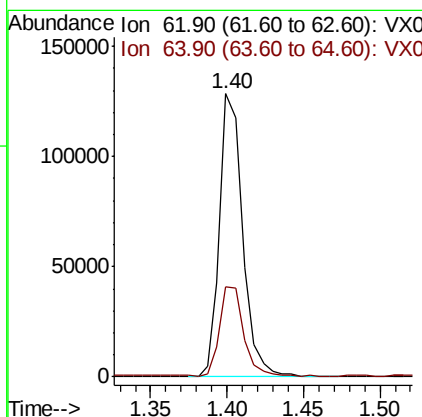
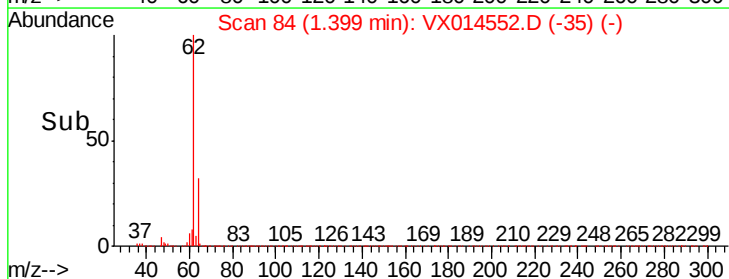
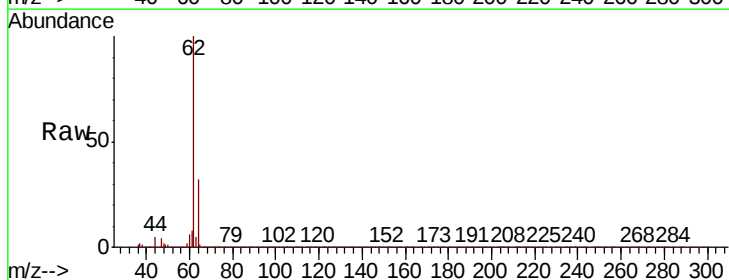
Manual Integrations
APPROVED

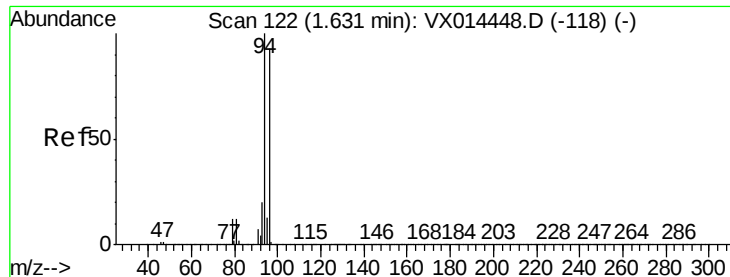
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#4
Vinyl Chloride
Concen: 20.665 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.8	24.6	37.0





#5

Bromomethane

Concen: 18.333 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS02

Tot Ion: 94 Resp: 79211

Ion Ratio Lower Upper

94 100

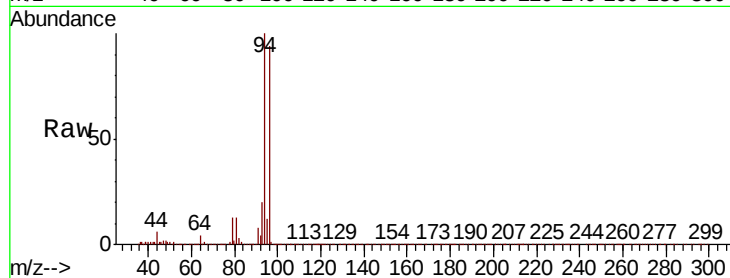
96 93.6 74.2 111.2

Manual Integrations

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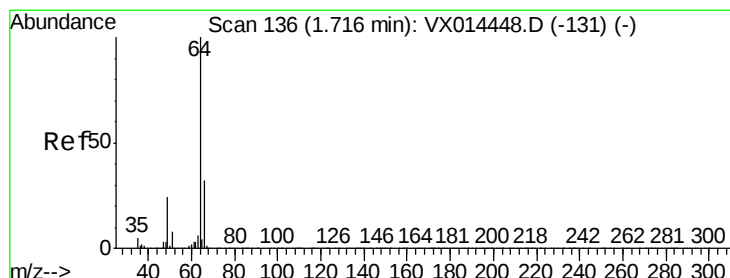
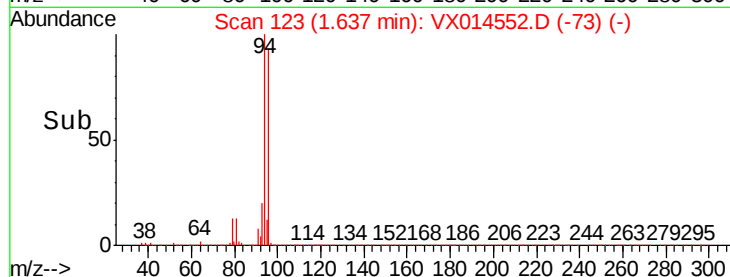
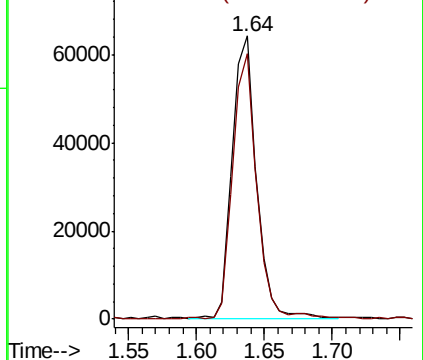
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.761 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014552.D

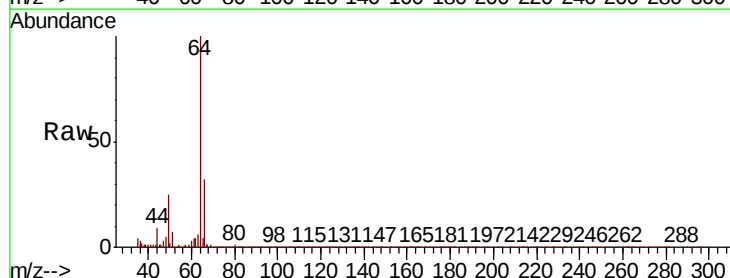
Acq: 10 Jan 2020 22:10

Tgt Ion: 64 Resp: 76416

Ion Ratio Lower Upper

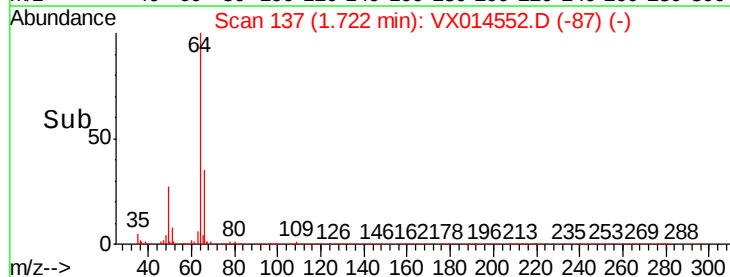
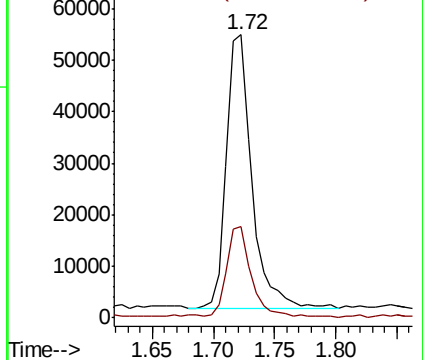
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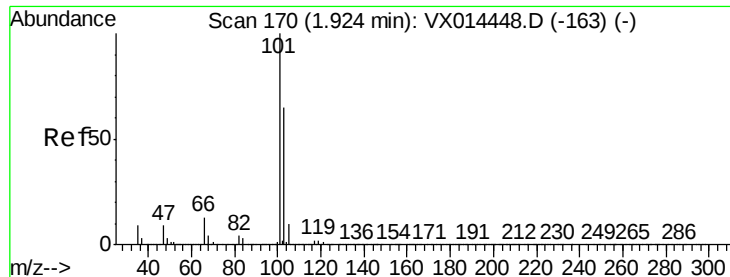
66 32.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

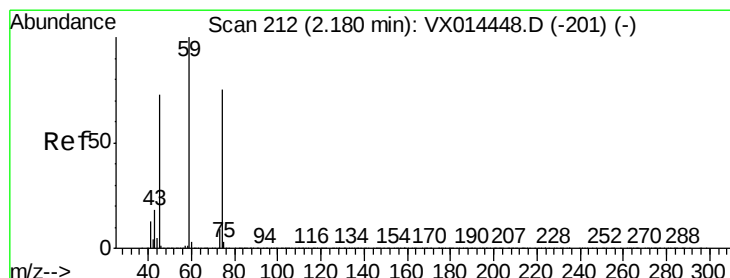
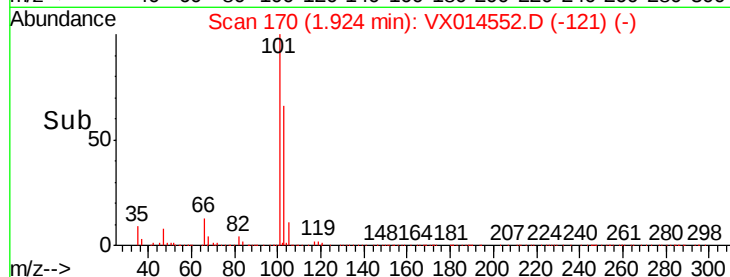
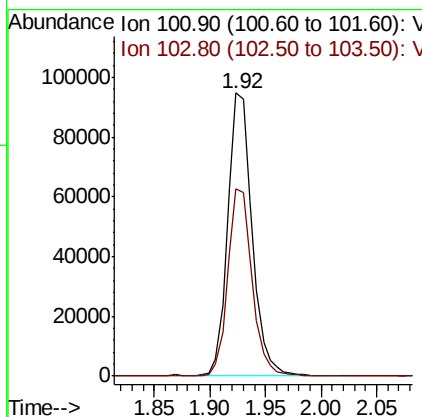
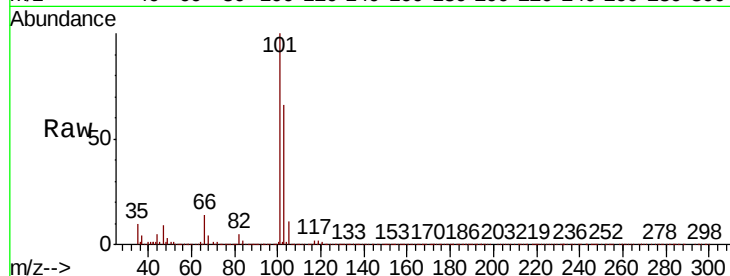
Trichlorofluoromethane
Concen: 19.344 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	52.2	78.4

Manual Integrations
APPROVED

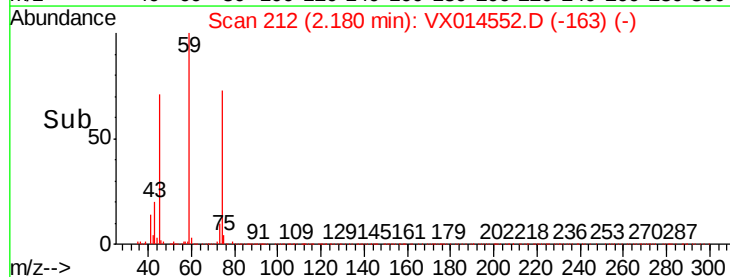
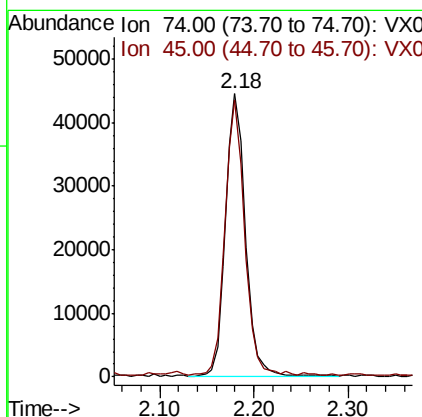
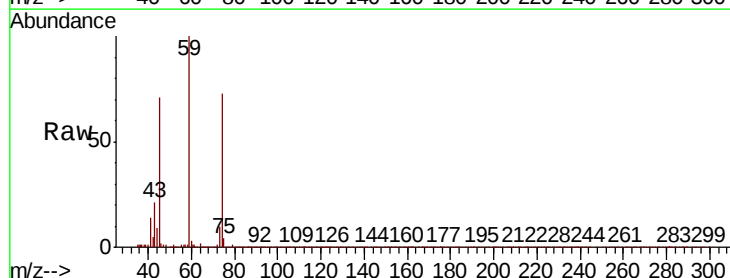
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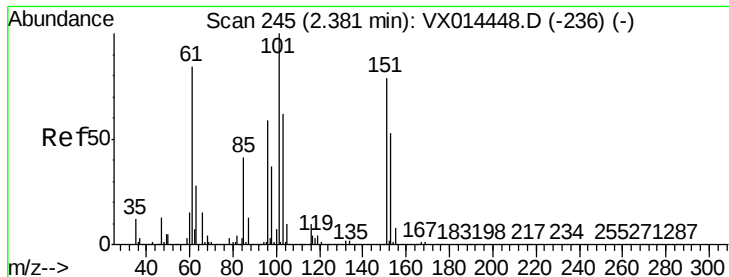


#8

Diethyl Ether
Concen: 19.607 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.8	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.641 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

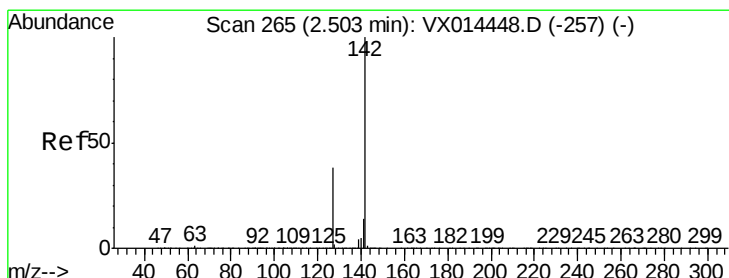
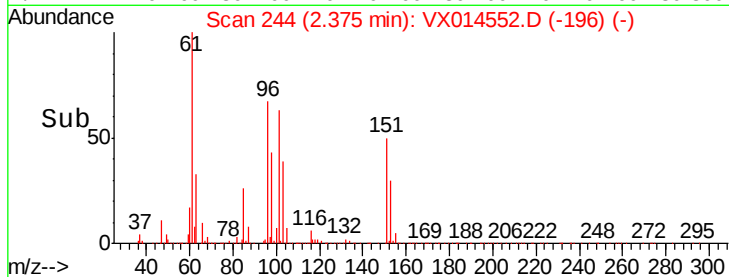
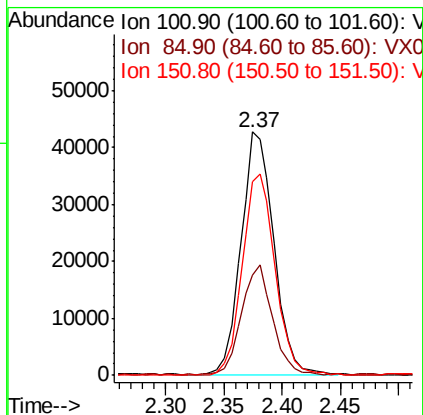
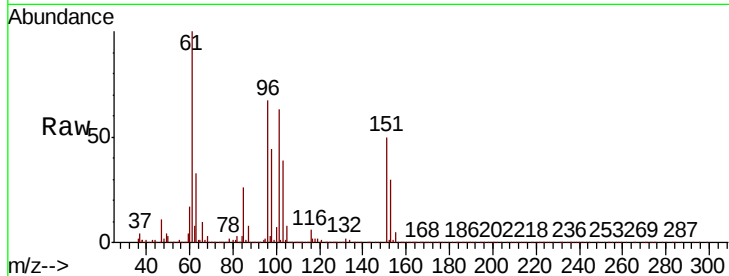
ClientSampleId :

VX0110WBS02

Tot Ion:	101	Resp:	83856
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.8	50.8
151	83.4	65.3	97.9

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#10

Methyl Iodide

Concen: 18.895 ug/l

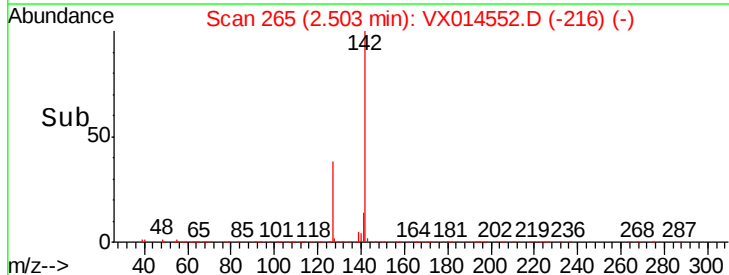
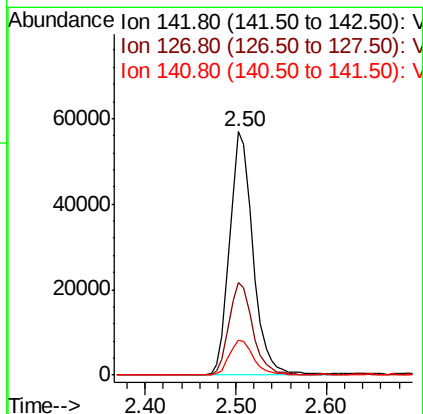
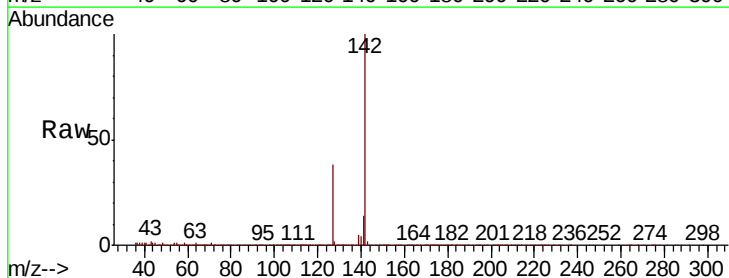
RT: 2.50 min Scan# 265

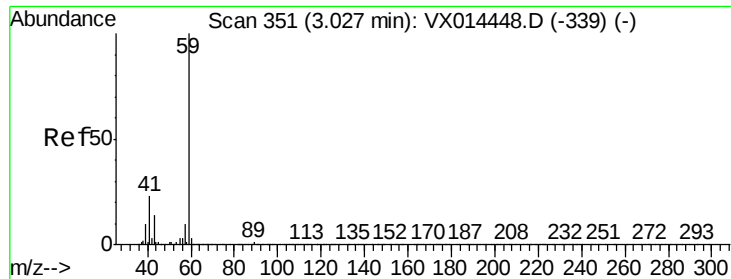
Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Tgt Ion:	142	Resp:	101779
Ion Ratio	Lower	Upper	
142	100		
127	38.3	31.2	46.8
141	15.2	11.4	17.2





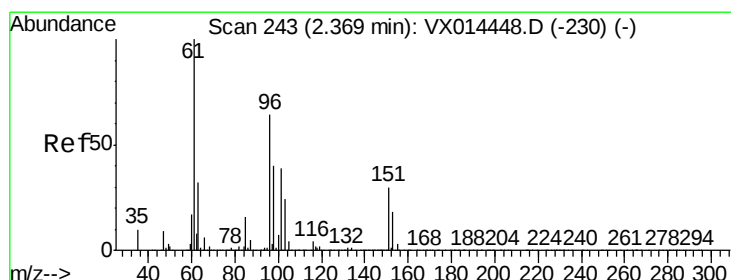
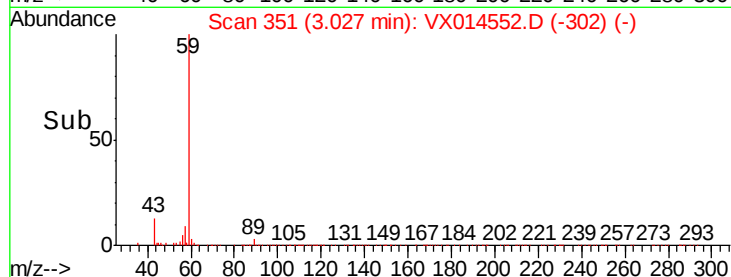
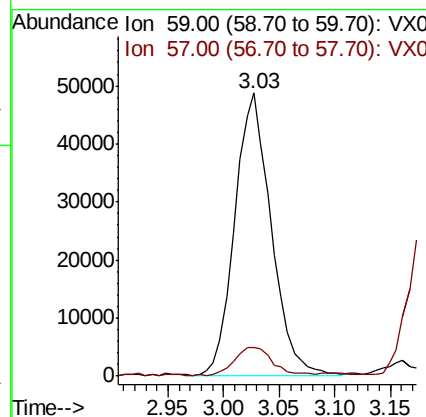
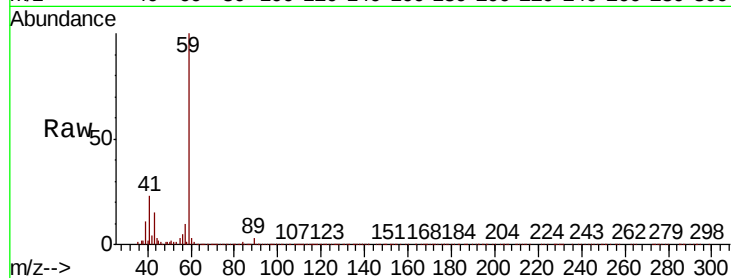
#11
Tert butyl alcohol
Concen: 103.024 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.5	12.7

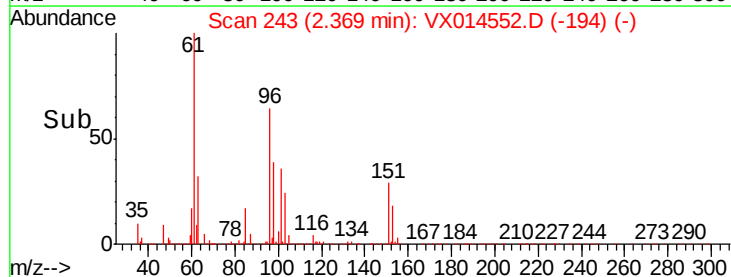
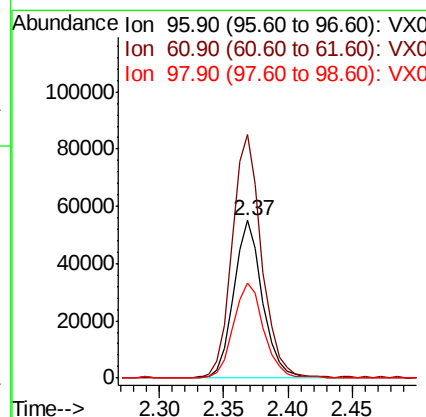
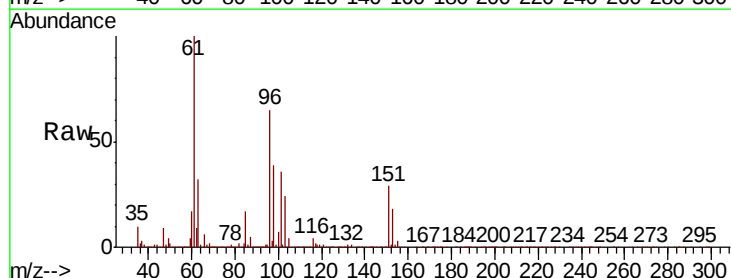
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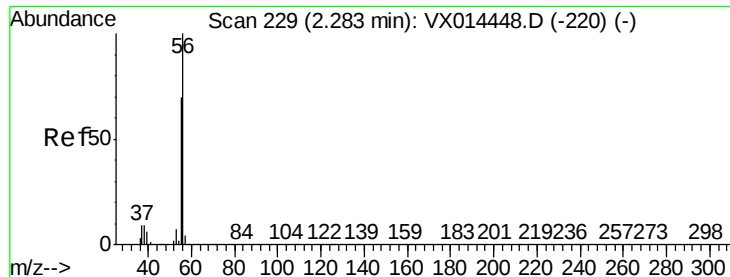
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#12
1,1-Dichloroethene
Concen: 18.826 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.0	125.0	187.6
98	60.2	50.2	75.2





#13

Acrolein

Concen: 82.652 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS02

Tot Ion: 56 Resp: 70861

Ion Ratio Lower Upper

56 100

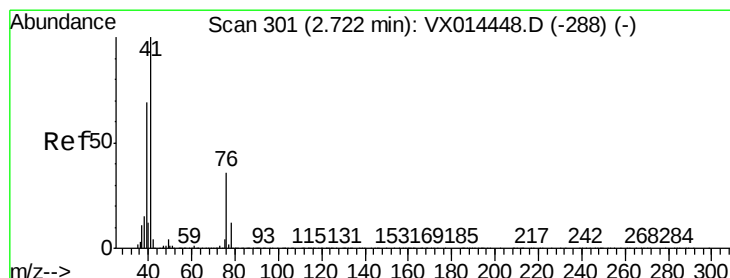
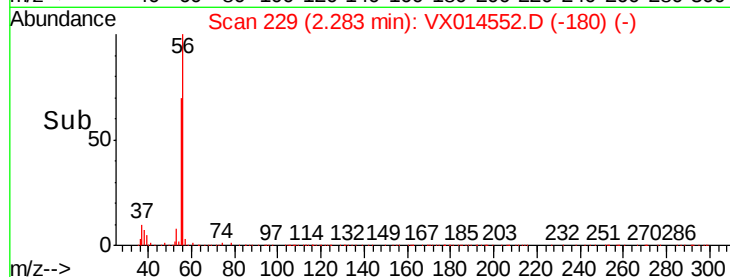
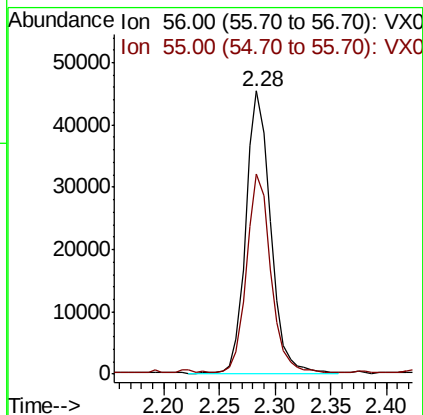
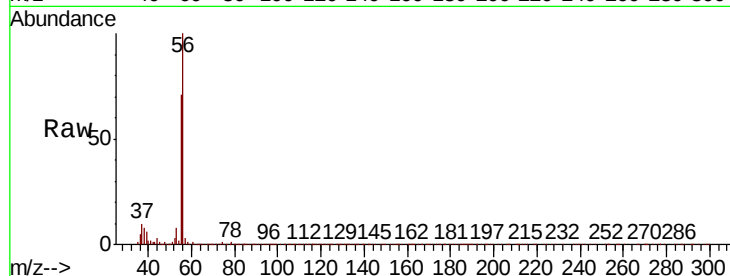
55 68.5 55.0 82.6

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#14

Allyl chloride

Concen: 19.000 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

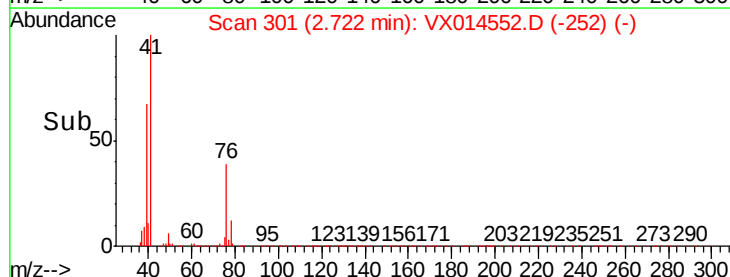
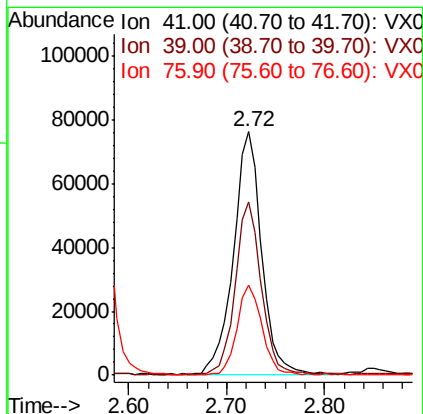
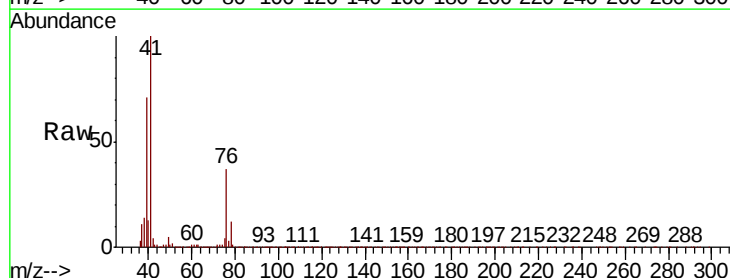
Tgt Ion: 41 Resp: 151188

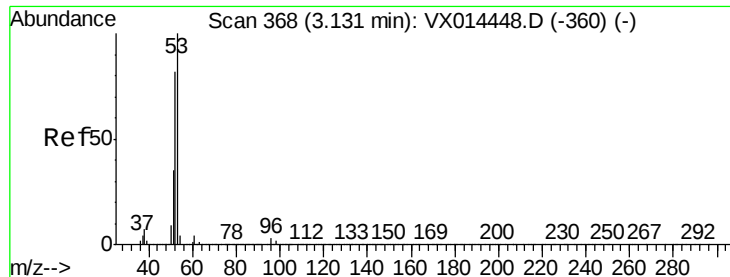
Ion Ratio Lower Upper

41 100

39 66.8 51.7 77.5

76 32.1 26.8 40.2





#15

Acrylonitrile

Concen: 101.019 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

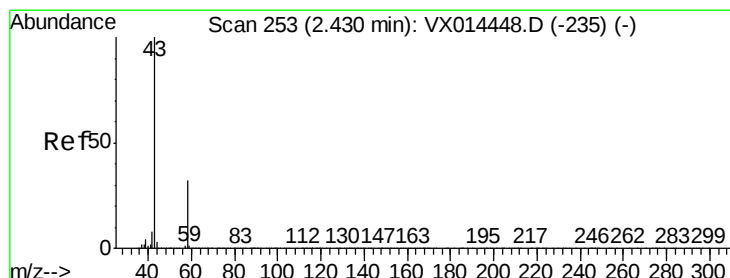
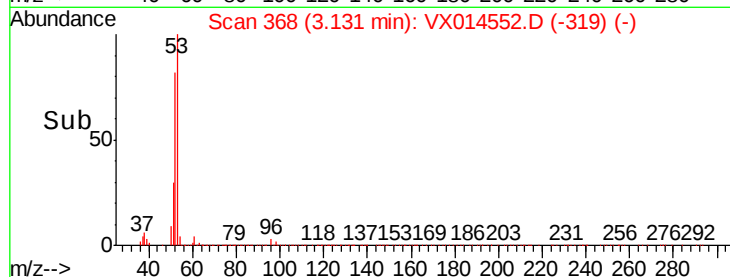
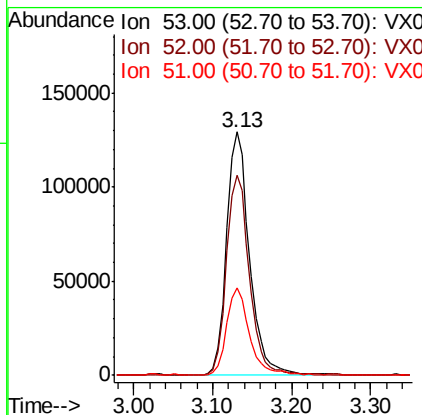
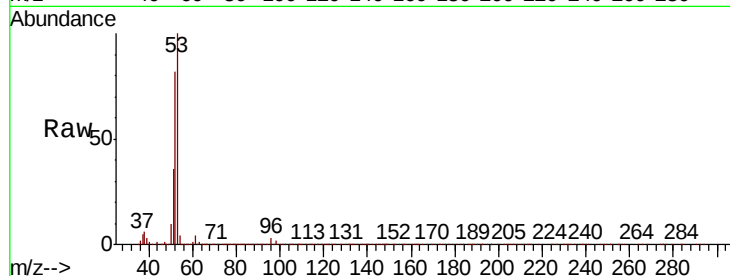
ClientSampleId :

VX0110WBS02

Tot Ion:	53	Resp:	260791
Ion Ratio		Lower	Upper
53	100		
52	82.9	67.0	100.4
51	35.5	28.5	42.7

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#16

Acetone

Concen: 111.424 ug/l

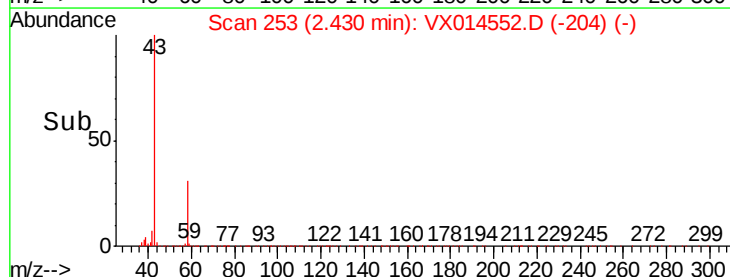
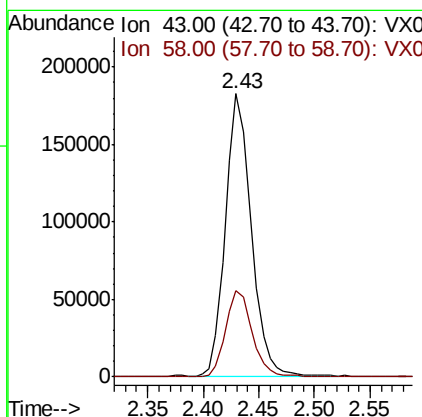
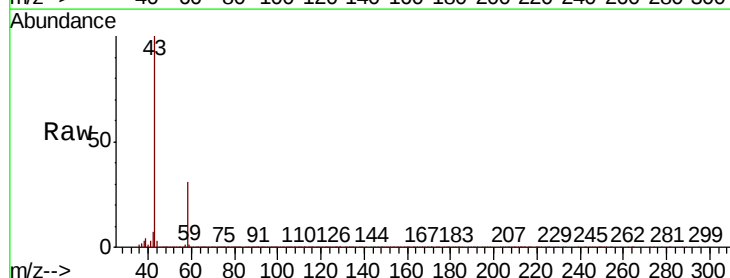
RT: 2.43 min Scan# 253

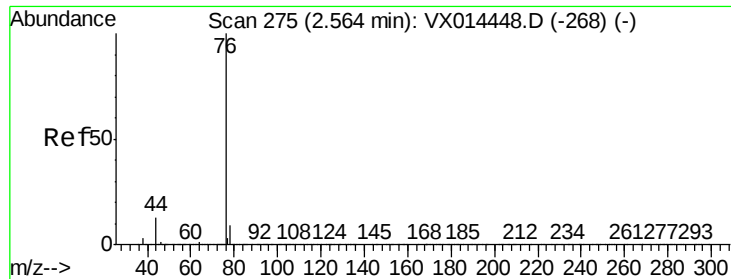
Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Tgt Ion:	43	Resp:	292150
Ion Ratio		Lower	Upper
43	100		
58	30.7	25.4	38.0





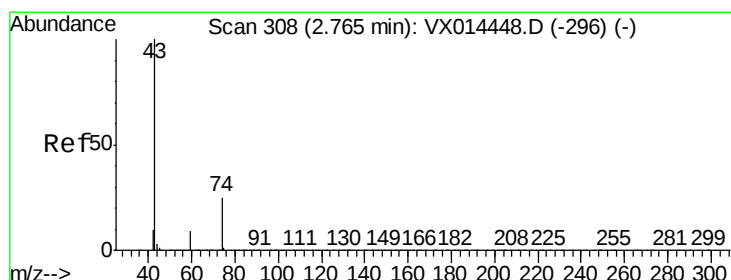
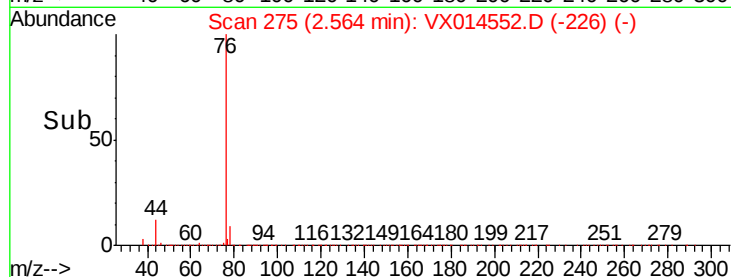
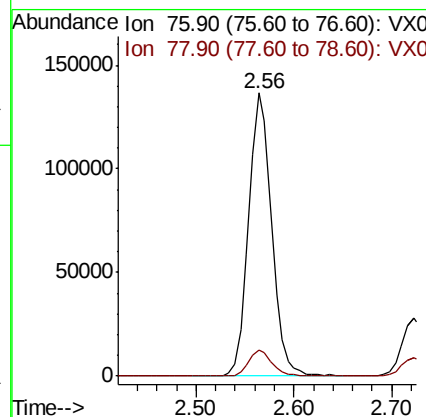
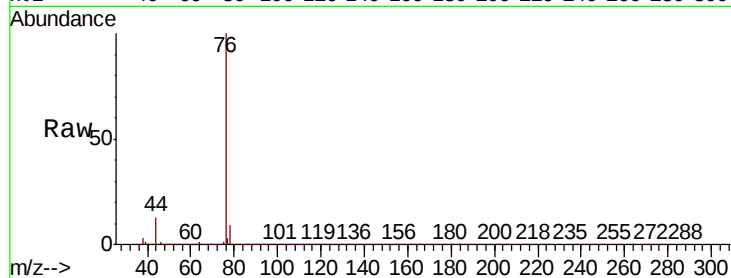
#17
Carbon Disulfide
Concen: 17.622 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.2

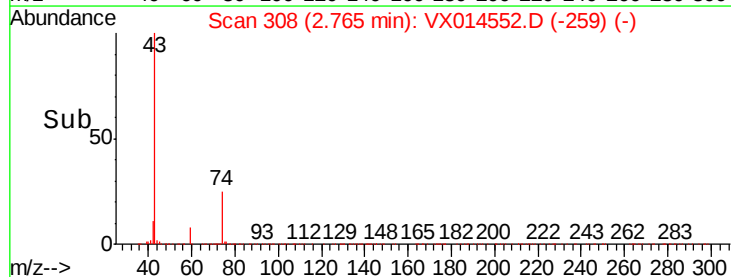
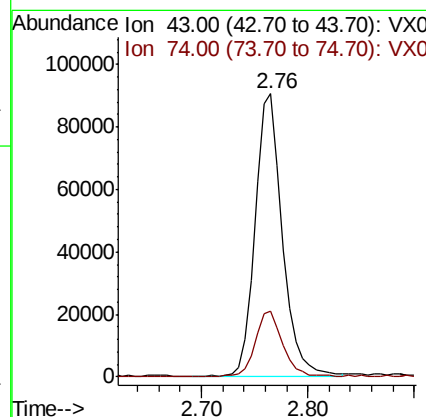
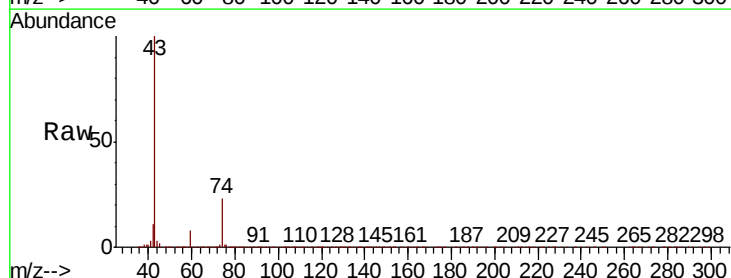
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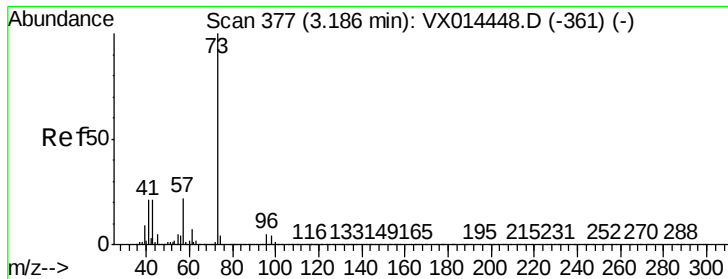
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#18
Methyl Acetate
Concen: 21.918 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.4	29.2





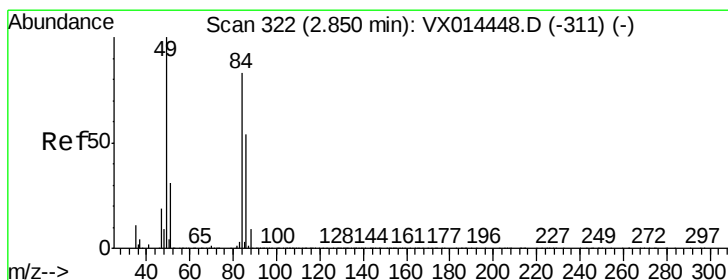
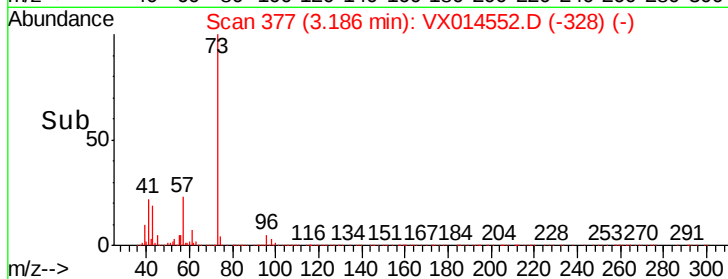
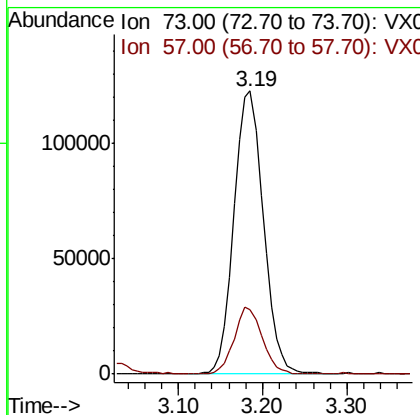
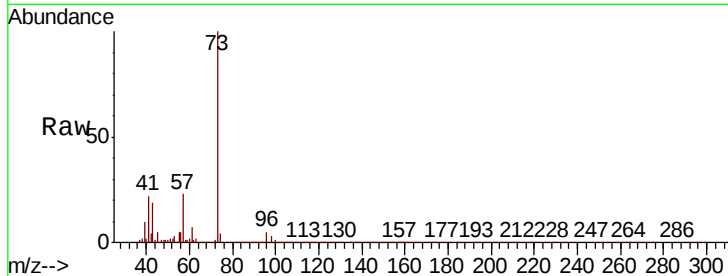
#19
Methyl tert-butyl Ether
Concen: 19.823 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.8	26.8

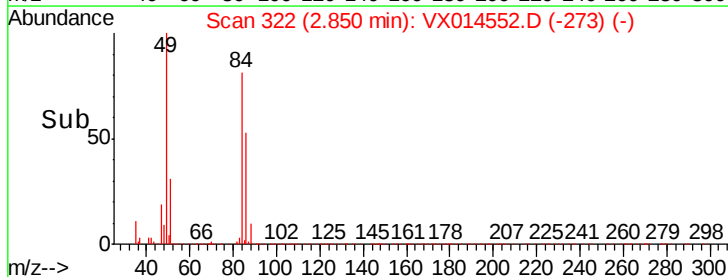
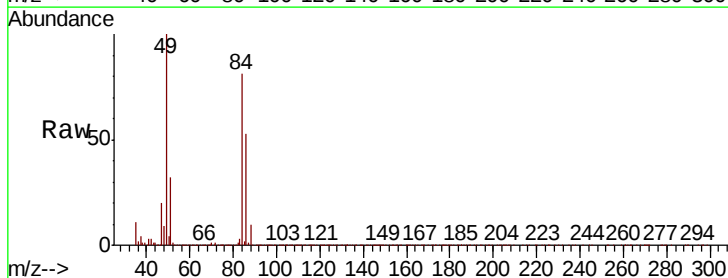
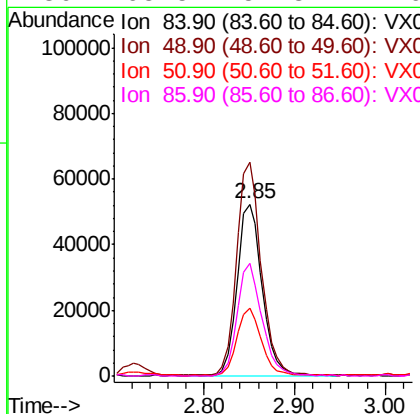
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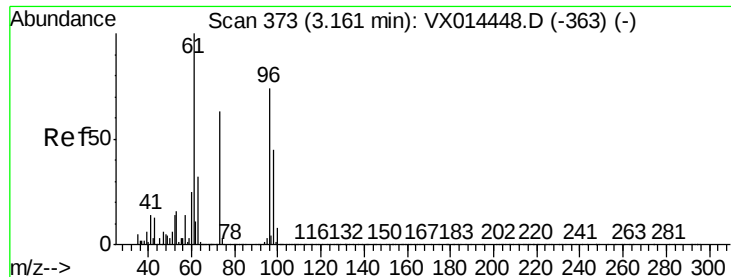
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#20
Methylene Chloride
Concen: 19.468 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.9	95.8	143.8
51	39.0	30.2	45.4
86	65.5	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 18.484 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS02

Tot Ion: 96 Resp: 91456

Ion Ratio Lower Upper

96 100

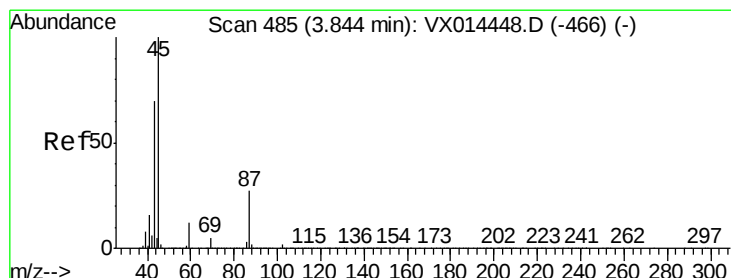
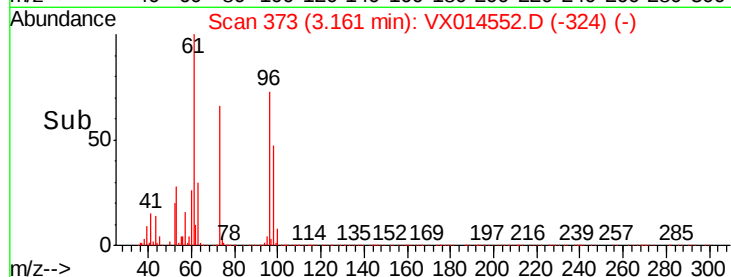
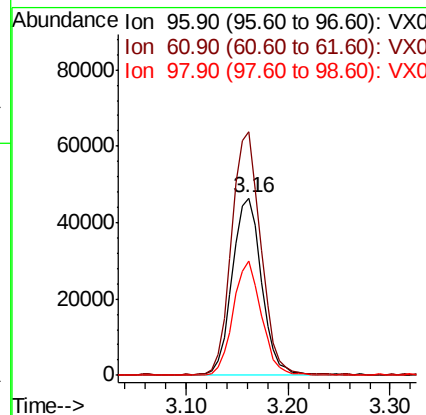
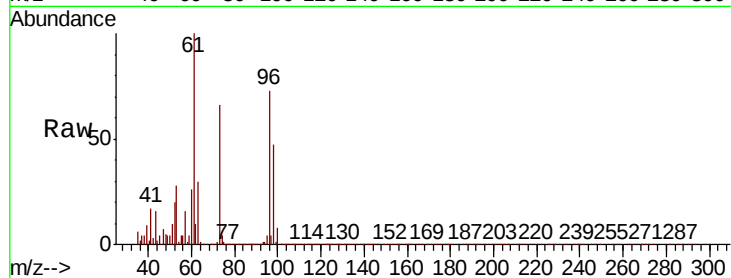
61 136.8 108.2 162.4

98 64.6 48.8 73.2

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#22

Diisopropyl ether

Concen: 20.075 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Tgt Ion: 45 Resp: 308706

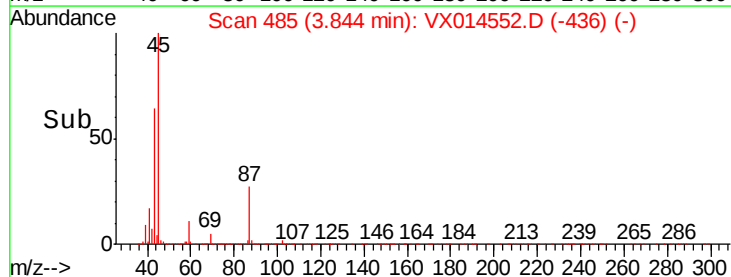
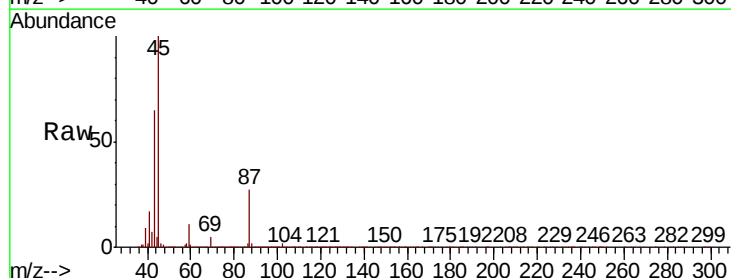
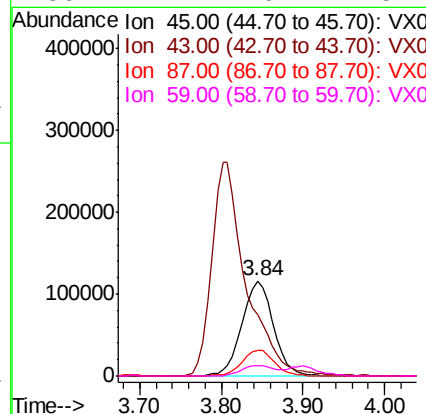
Ion Ratio Lower Upper

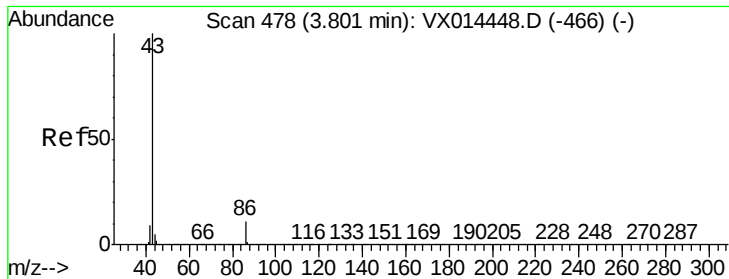
45 100

43 63.6 55.8 83.6

87 26.7 21.8 32.8

59 11.2 9.1 13.7





#23

Vinyl Acetate

Concen: 64.031 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS02

Tot Ion: 43 Resp: 762329

Ion Ratio Lower Upper

43 100

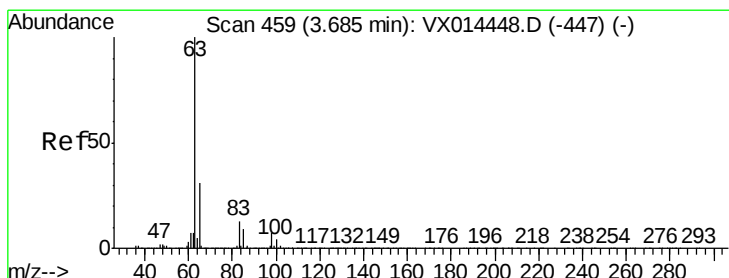
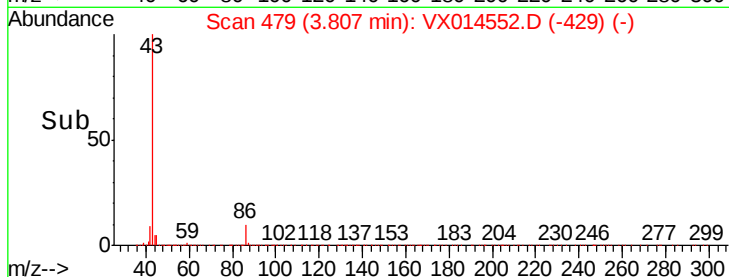
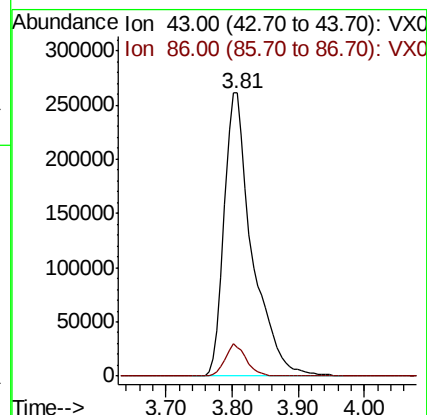
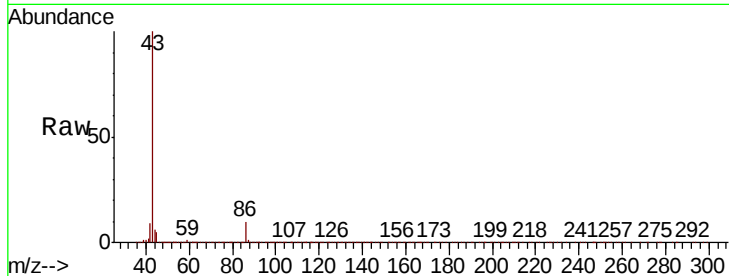
86 10.0 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 19.991 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

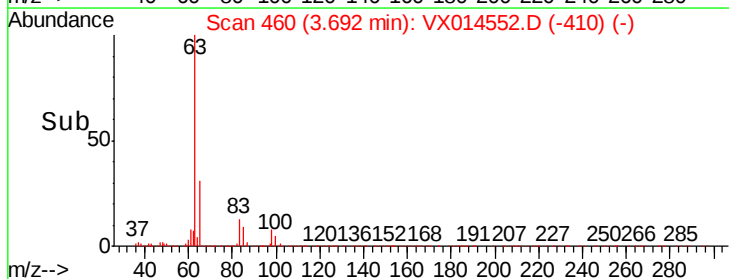
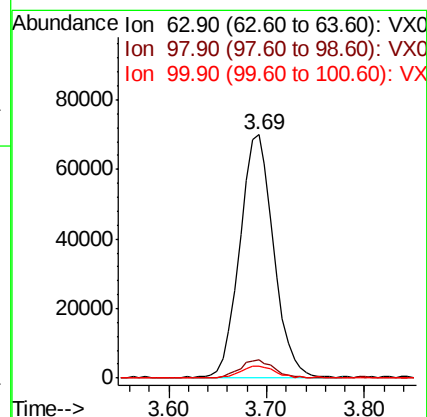
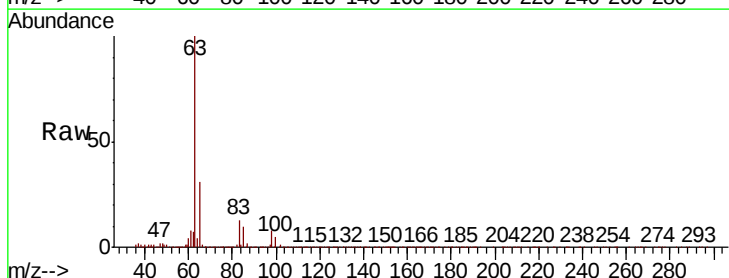
Tgt Ion: 63 Resp: 167226

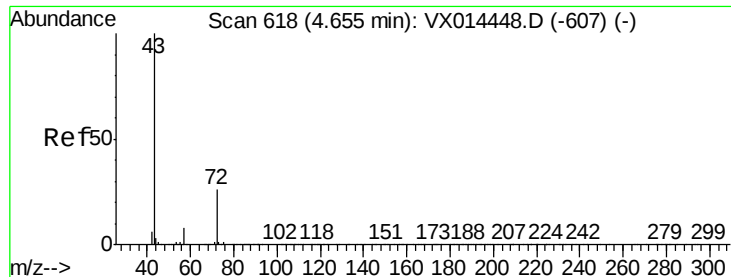
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 102.541 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS02

Tot Ion: 43 Resp: 392385

Ion Ratio Lower Upper

43 100

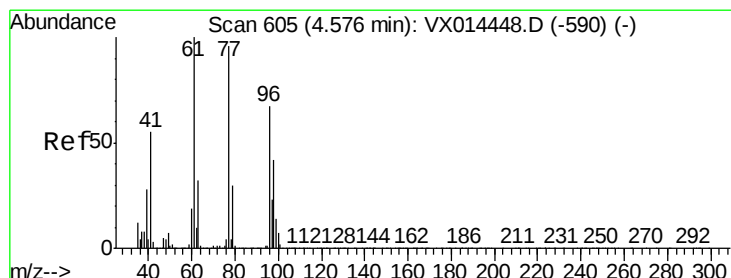
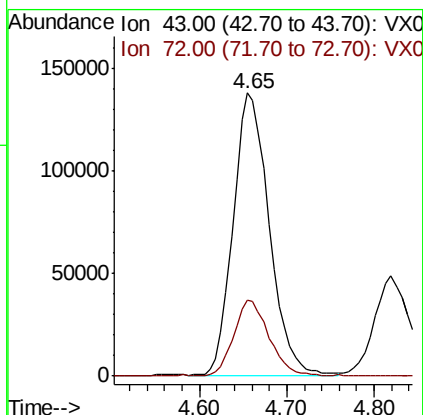
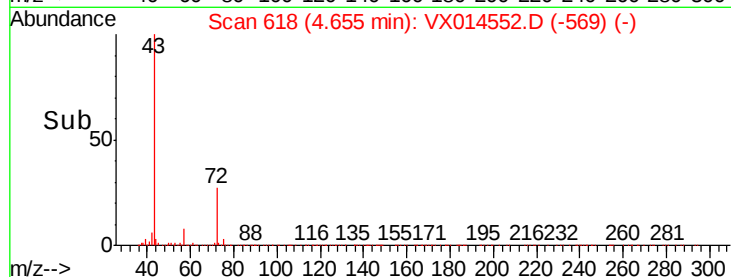
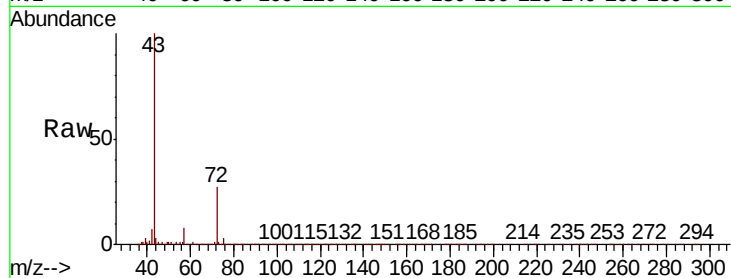
72 26.6 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 15.888 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014552.D

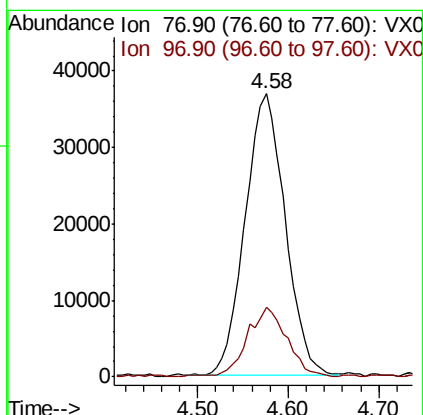
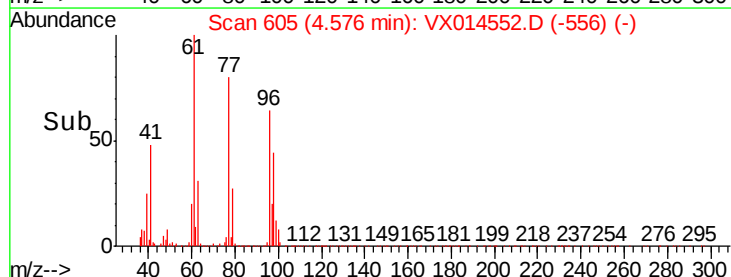
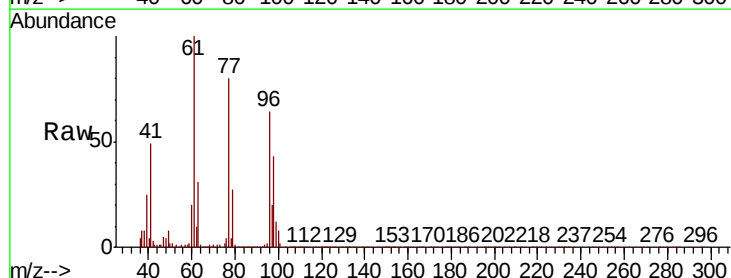
Acq: 10 Jan 2020 22:10

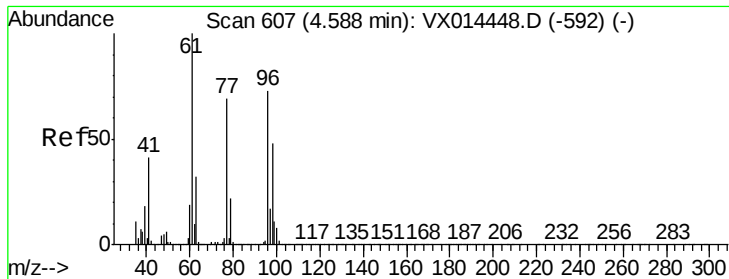
Tgt Ion: 77 Resp: 112585

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.1





#27

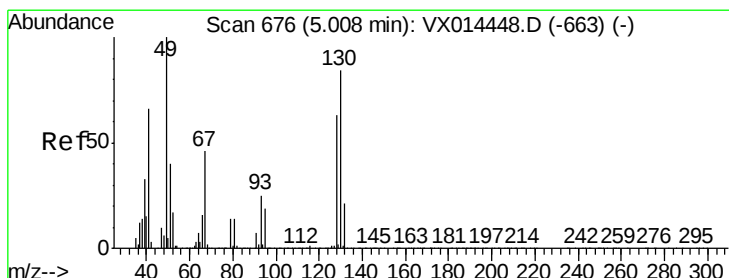
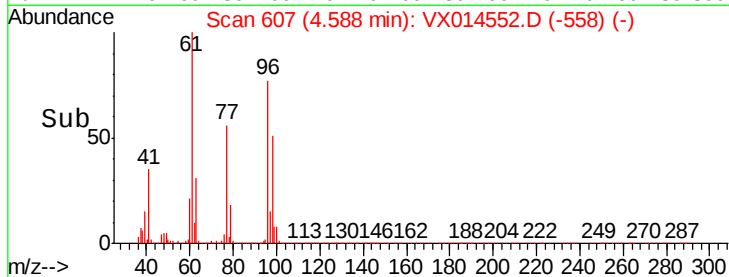
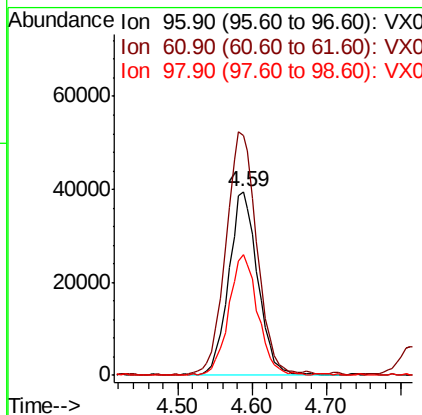
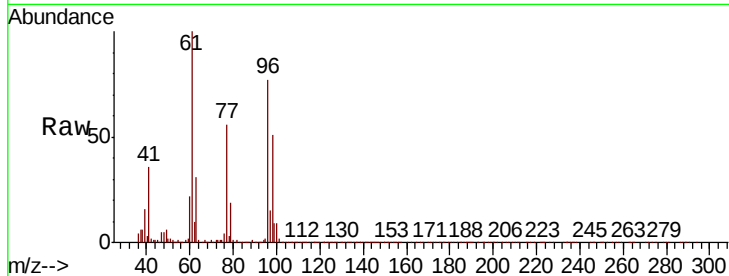
cis-1,2-Dichloroethene
Concen: 19.551 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	108141		
61	140.8	0.0	285.4	
98	65.9	0.0	130.6	

Manual Integrations
APPROVED

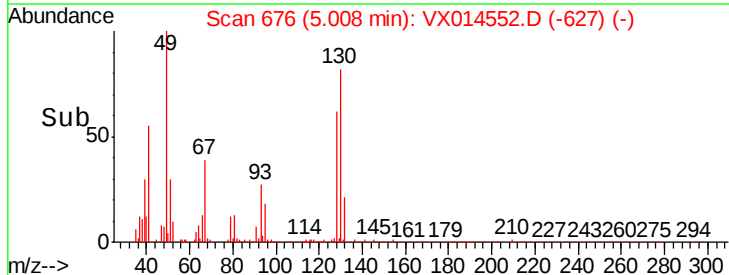
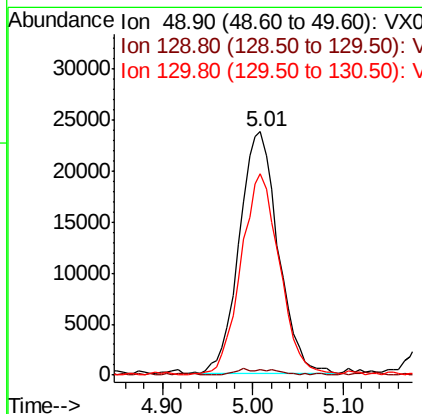
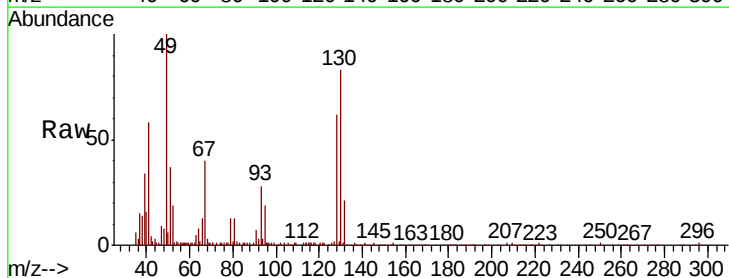
MMDadoda
1/13/2020 11:34:13 AM



#28

Bromochloromethane
Concen: 19.932 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	70259		
129	1.3	0.0	4.4	
130	82.8	67.0	100.4	





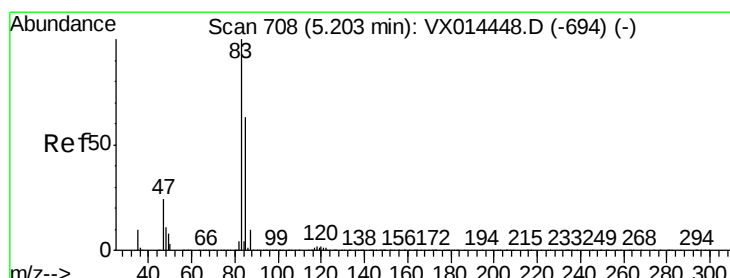
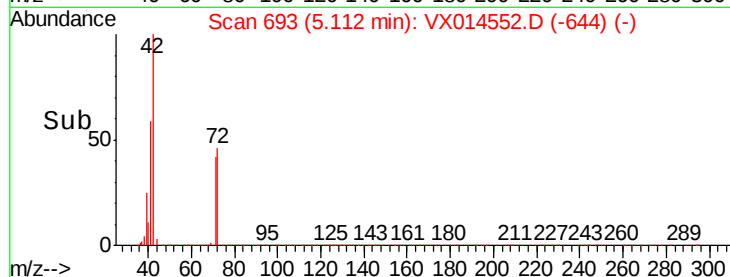
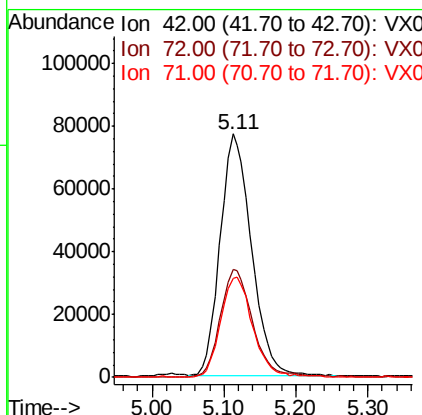
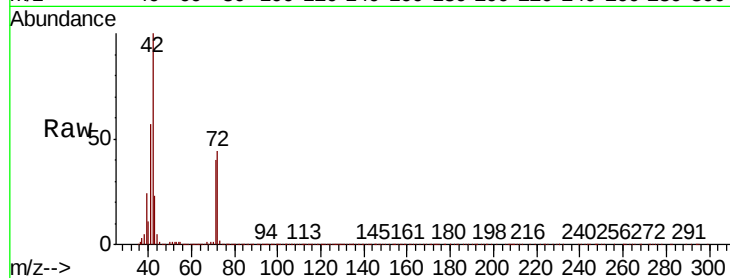
#29
Tetrahydrofuran
Concen: 103.115 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	36.2	54.4
71	42.0	34.1	51.1

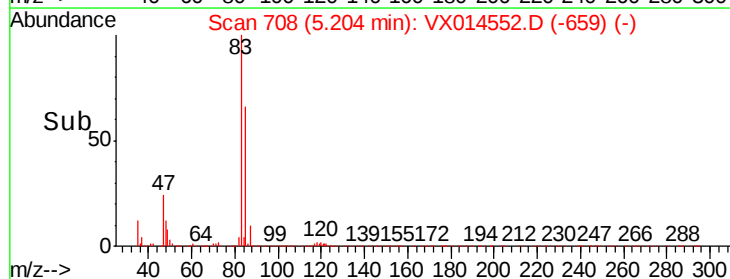
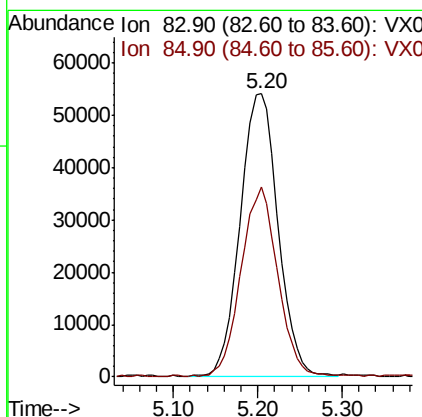
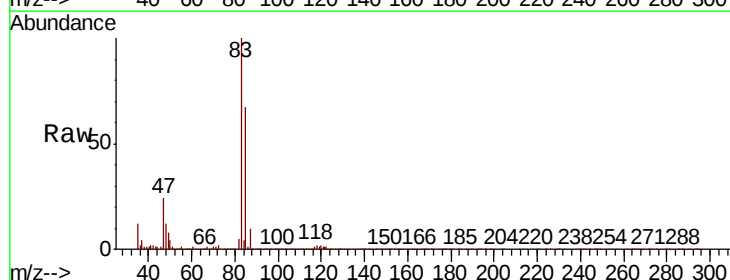
Manual Integrations
APPROVED

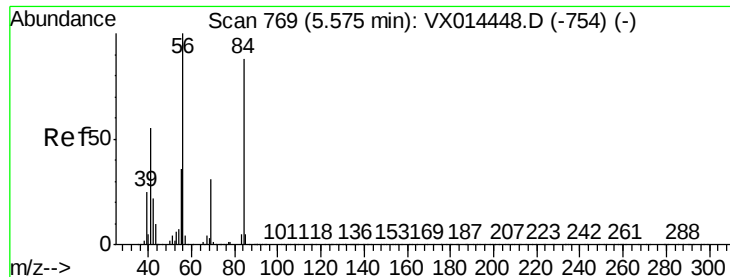
MMDadoda
1/13/2020 11:34:13 AM



#30
Chloroform
Concen: 20.031 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	50.6	75.8





#31

Cyclohexane

Concen: 19.936 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

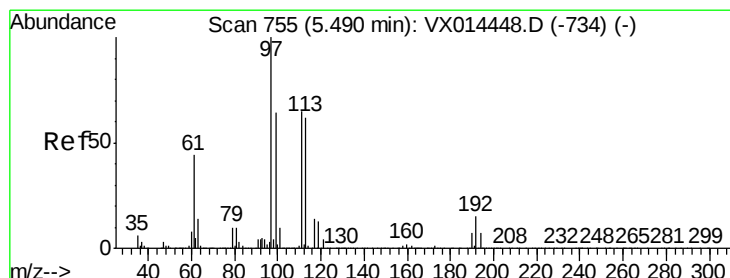
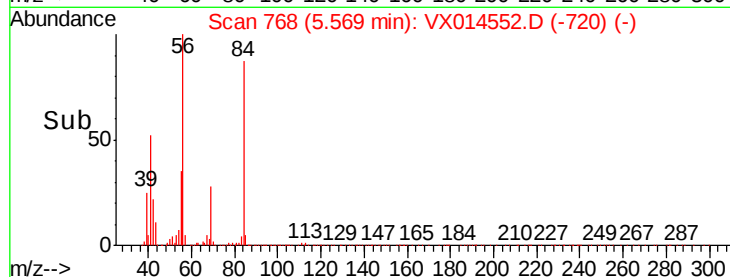
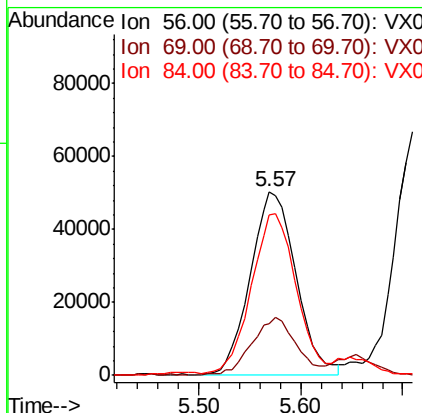
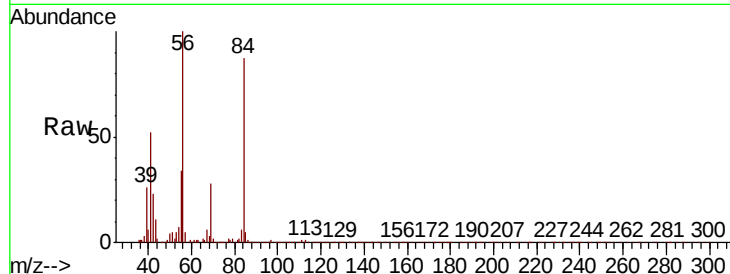
ClientSampleId :

VX0110WBS02

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	28.3	24.4	36.6	
84	85.8	70.6	106.0	

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.711 ug/l

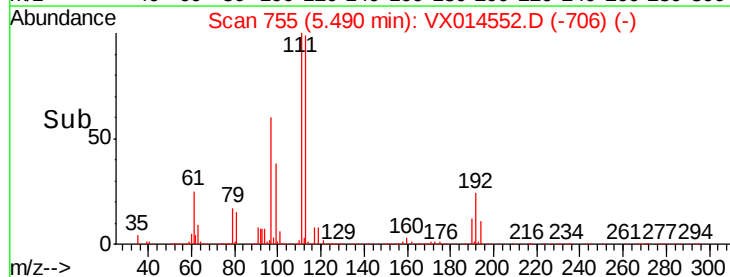
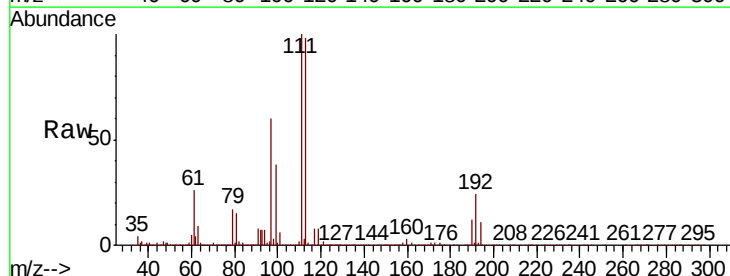
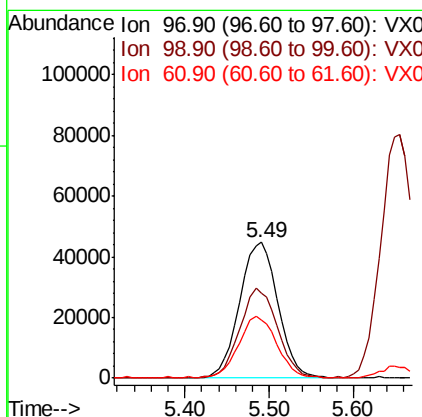
RT: 5.49 min Scan# 755

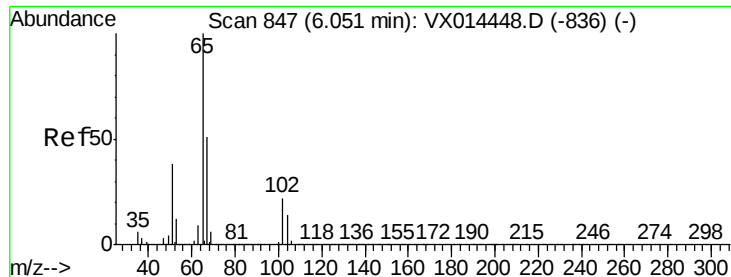
Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.1	51.8	77.6	
61	44.9	35.9	53.9	





#33

1,2-Dichloroethane-d4

Concen: 50.241 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS02

Tot Ion: 65 Resp: 257376

Ion Ratio Lower Upper

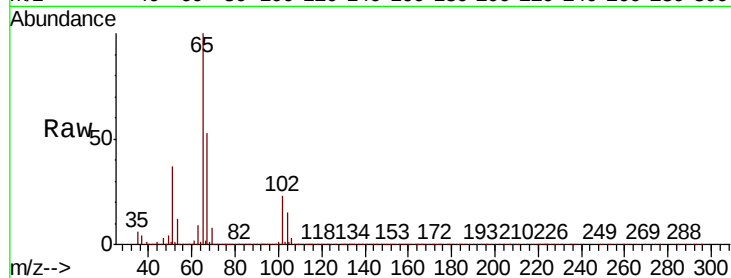
65 100

67 52.4 0.0 106.2

Manual Integrations
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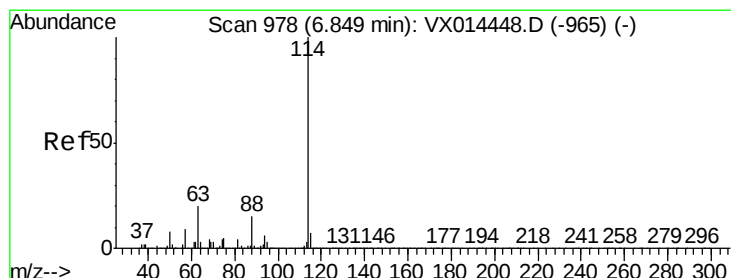
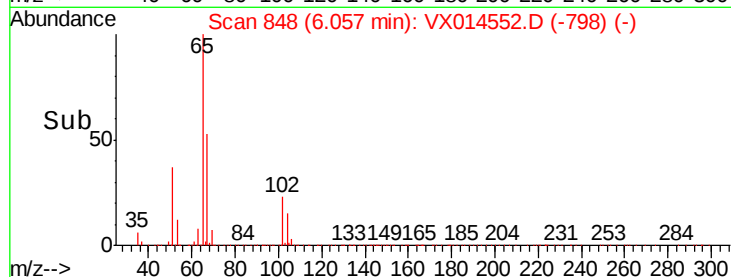
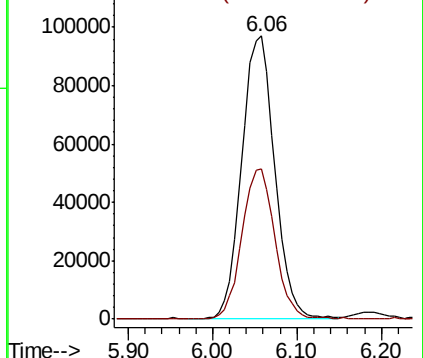
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

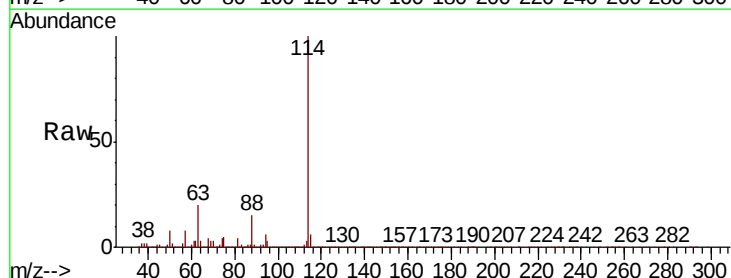
Tgt Ion: 114 Resp: 699978

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.6

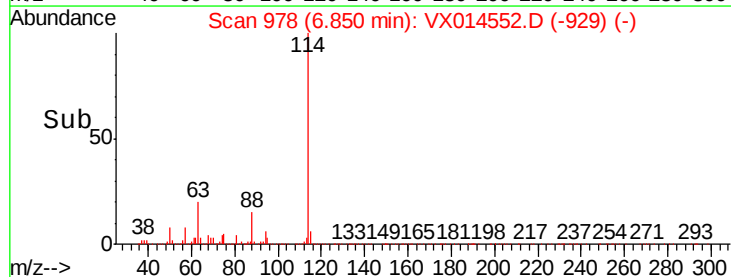
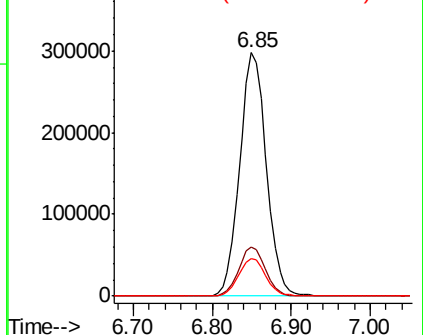
88 15.4 0.0 30.8

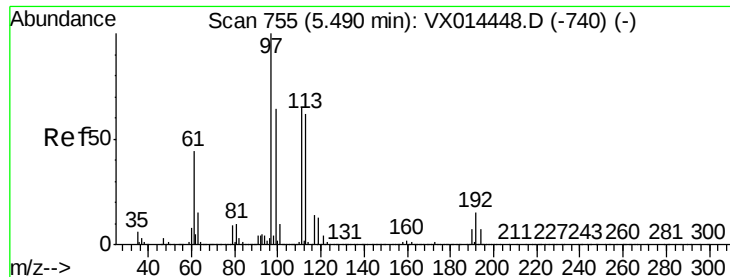


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





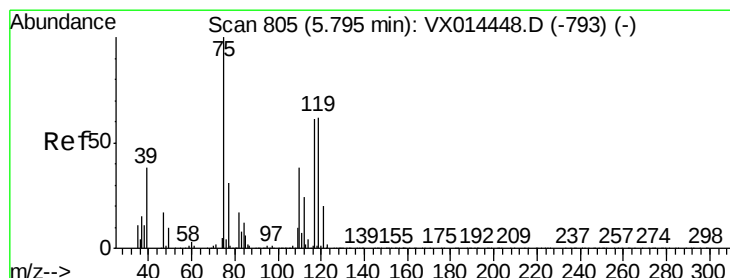
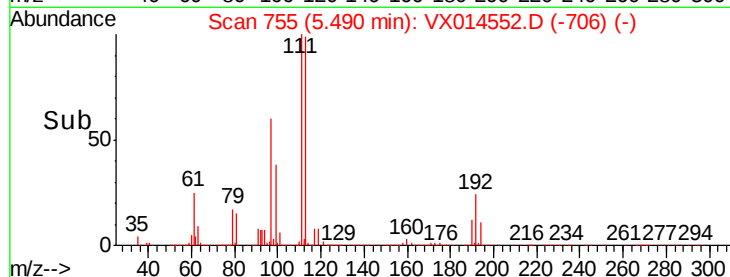
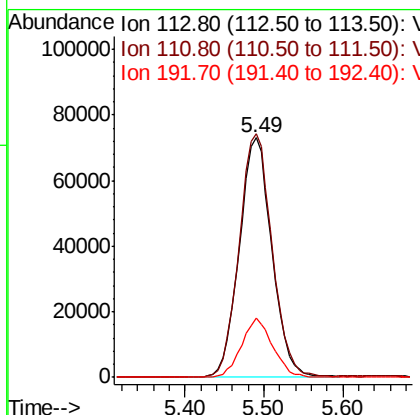
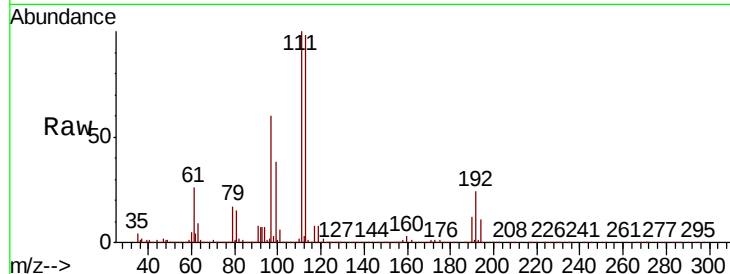
#35
 Dibromofluoromethane
 Concen: 49.368 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	209187		
111	102.4	81.5	122.3	
192	23.9	19.2	28.8	

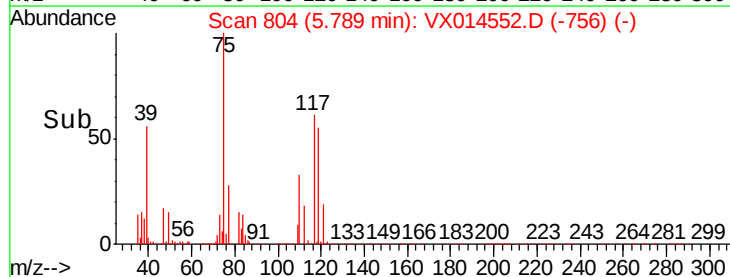
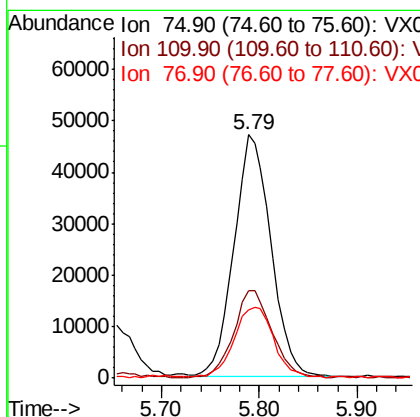
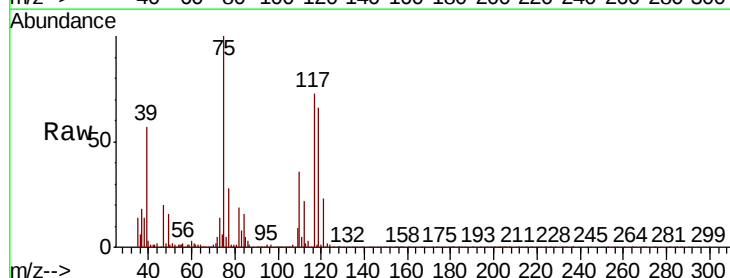
Manual Integrations
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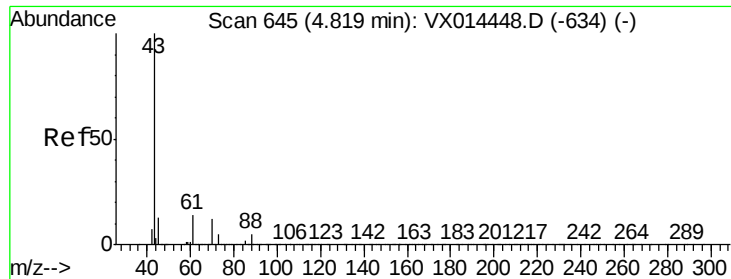
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#36
 1,1-Dichloropropene
 Concen: 18.806 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	123795		
110	37.8	18.6	55.8	
77	30.7	24.5	36.7	





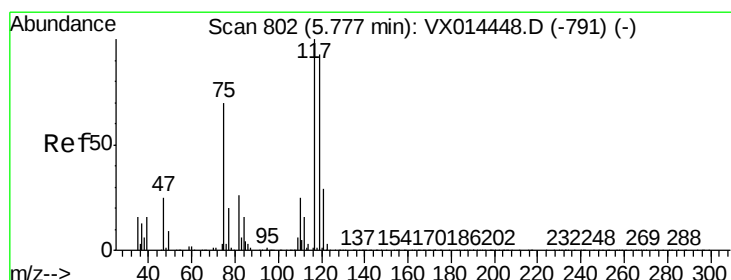
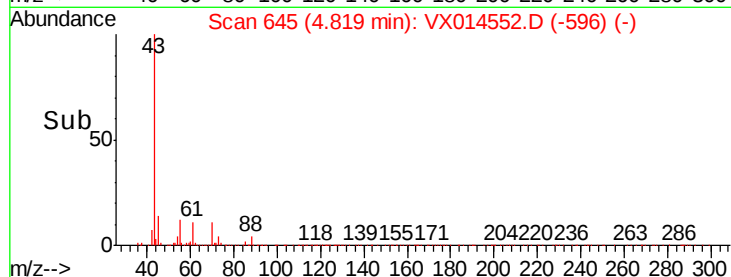
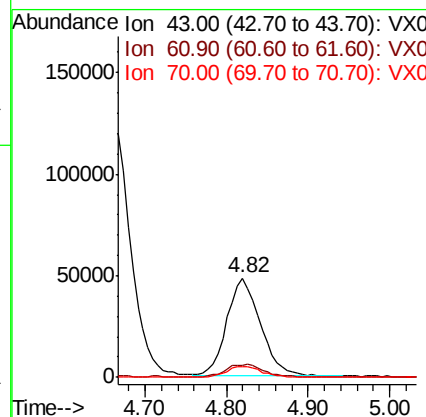
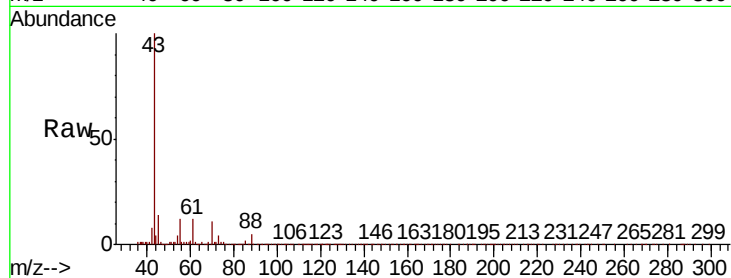
#37
Ethyl Acetate
Concen: 19.512 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Tot Ion	43	Resp	139515
Ion Ratio	Lower	Upper	
43	100		
61	13.6	11.1	16.7
70	11.9	8.9	13.3

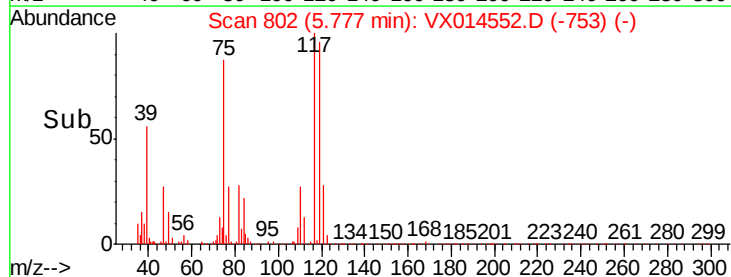
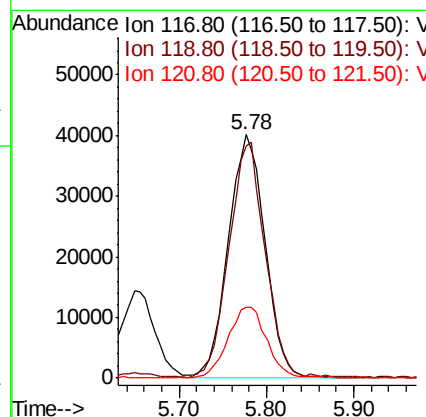
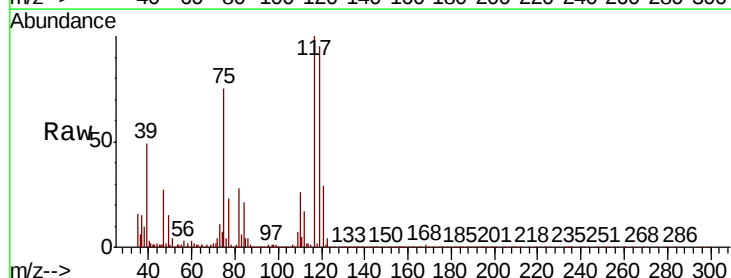
Manual Integrations
APPROVED

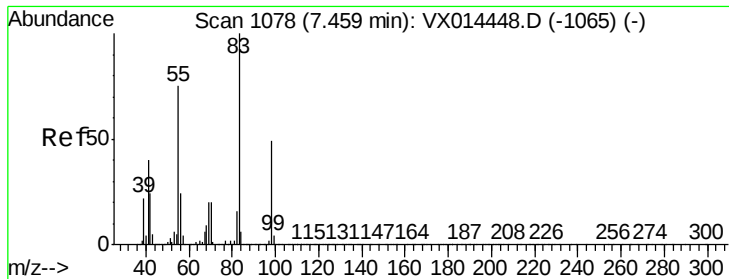
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.237 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion	117	Resp	116529
Ion Ratio	Lower	Upper	
117	100		
119	95.1	73.8	110.8
121	28.6	23.4	35.0





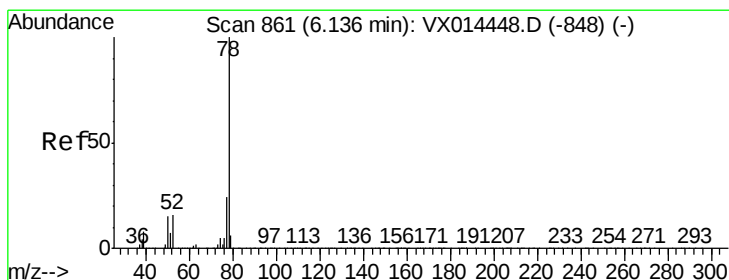
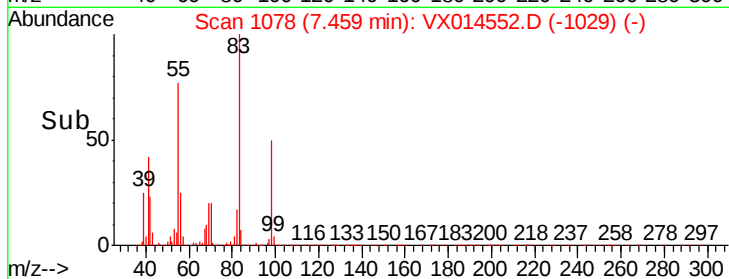
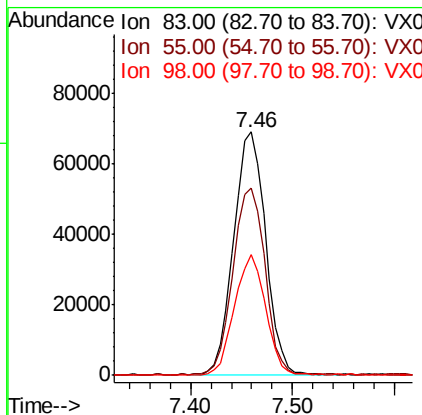
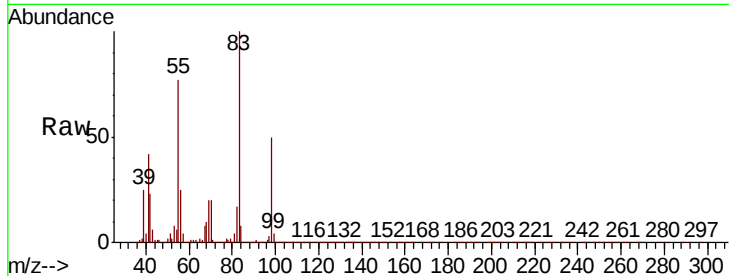
#39
Methvlcvclohexane
Concen: 18.095 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	59.7	89.5
98	49.4	39.1	58.7

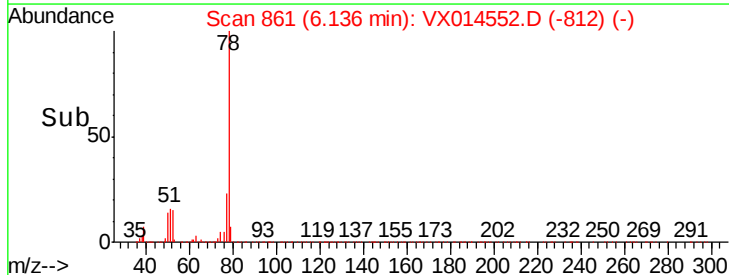
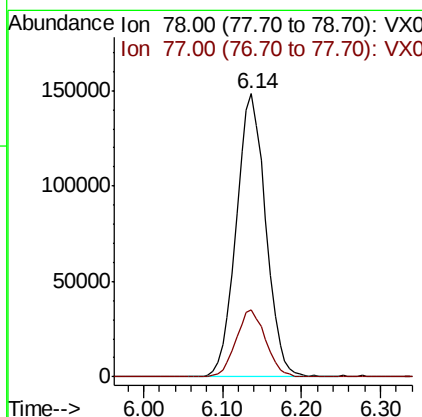
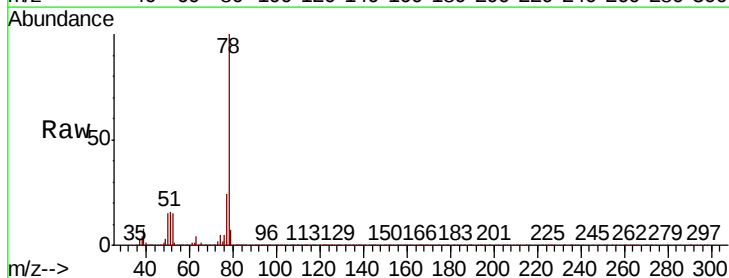
Manual Integrations
APPROVED

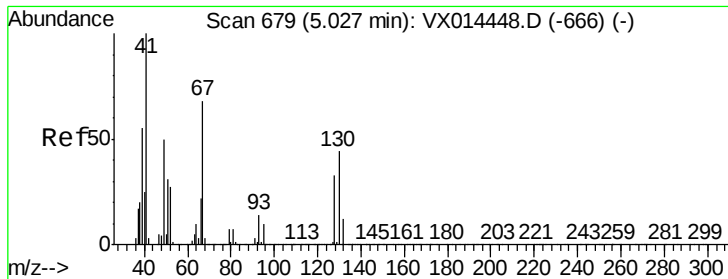
MMDadoda
1/13/2020 11:34:13 AM



#40
Benzene
Concen: 19.716 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.5	29.3





#41

Methacrylonitrile

Concen: 20.093 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

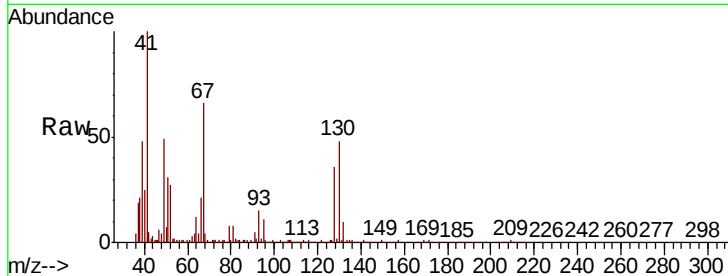
ClientSampleId :

VX0110WBS02

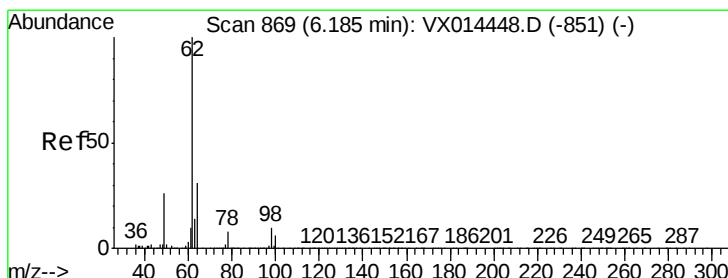
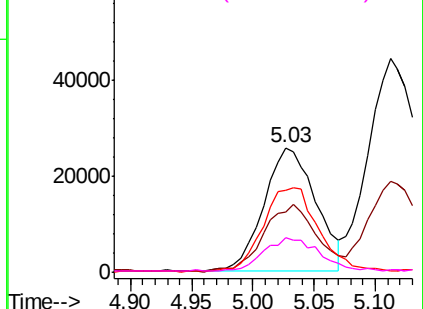
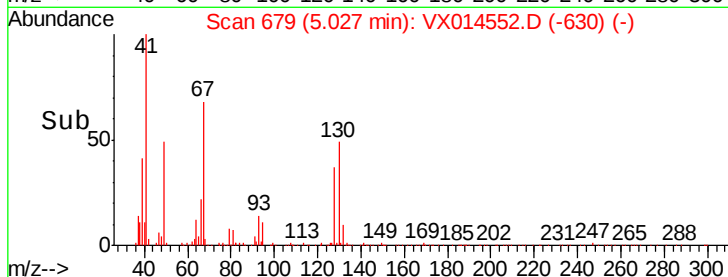
Tot Ion	Ratio	Lower	Upper
41	100		
39	57.3	43.6	65.4
67	72.1	57.9	86.9
52	27.6	23.0	34.6

Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:13 AM



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.730 ug/l

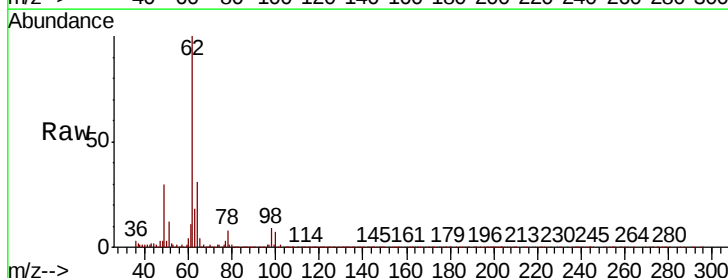
RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

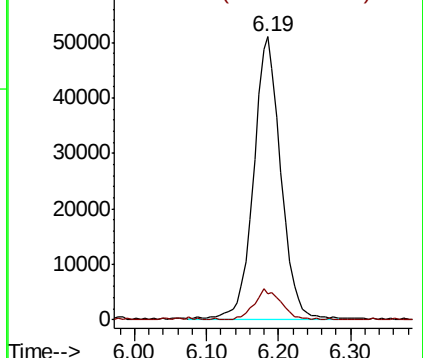
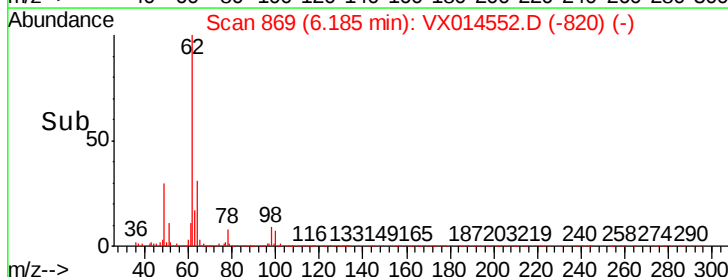
Lab File: VX014552.D

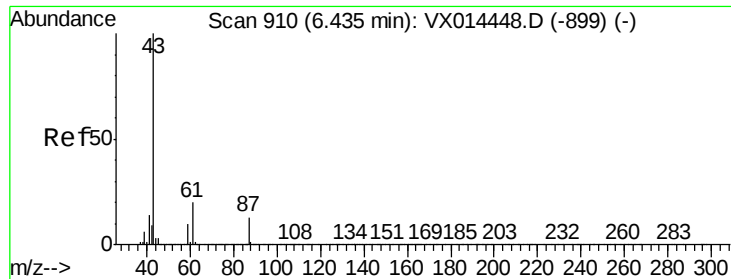
Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

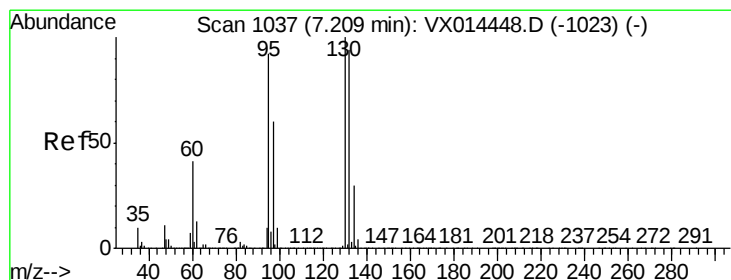
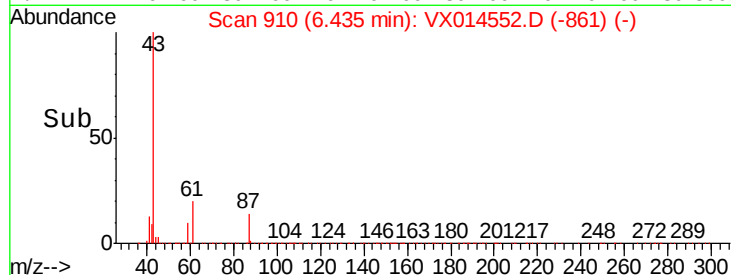
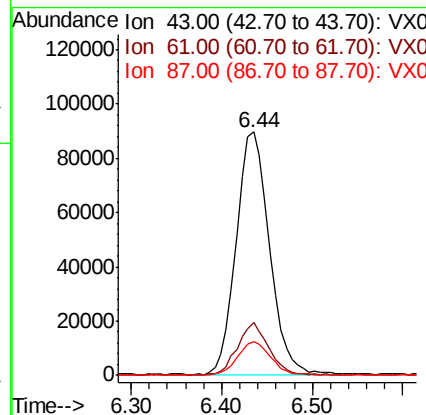
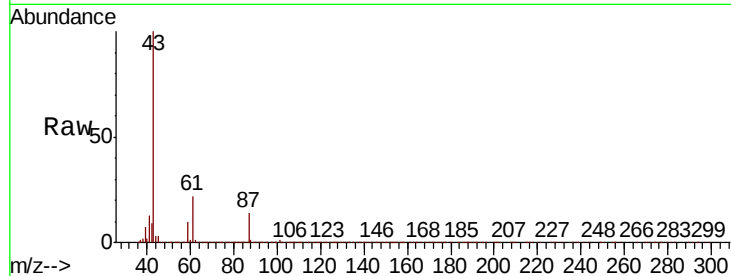
Isopropyl Acetate
 Concen: 19.755 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.6	24.8
87	13.6	10.8	16.2

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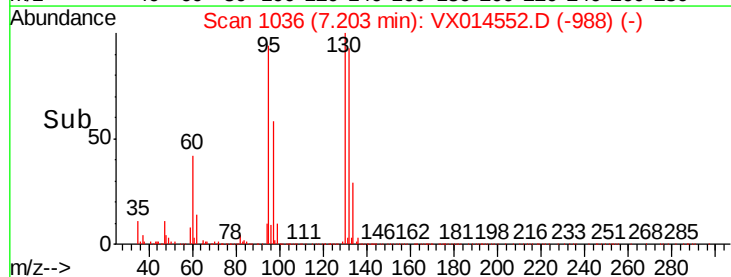
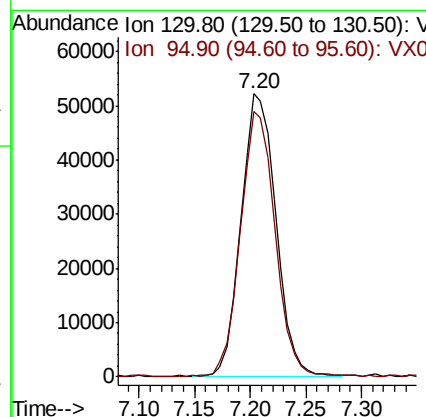
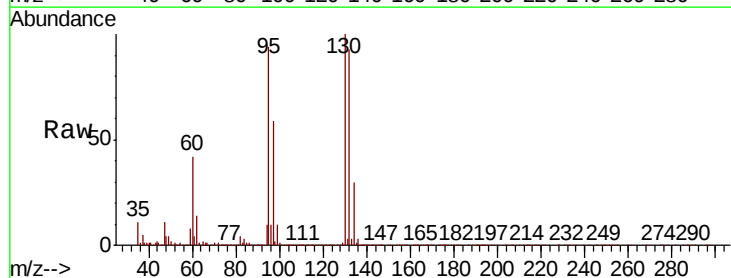
MMDadoda
 1/13/2020 11:34:13 AM

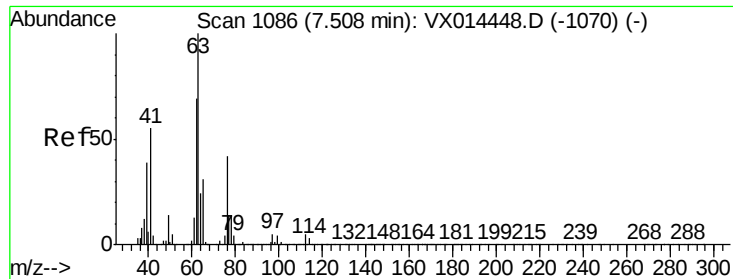


#44

Trichloroethene
 Concen: 20.167 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	184.2





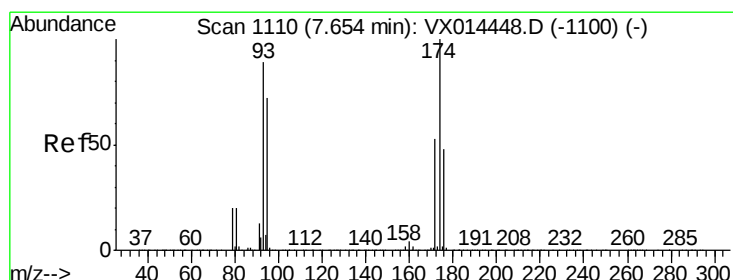
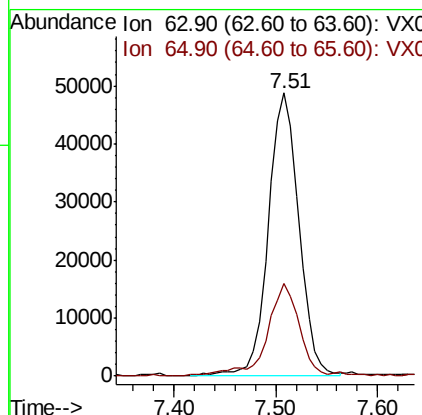
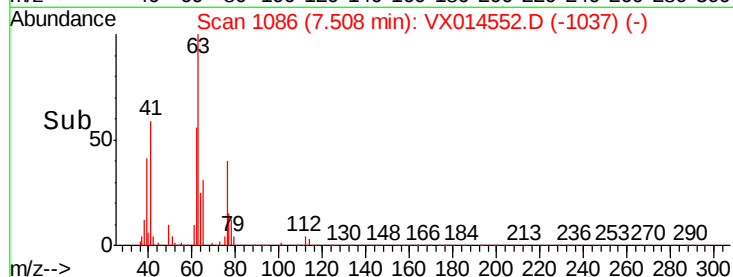
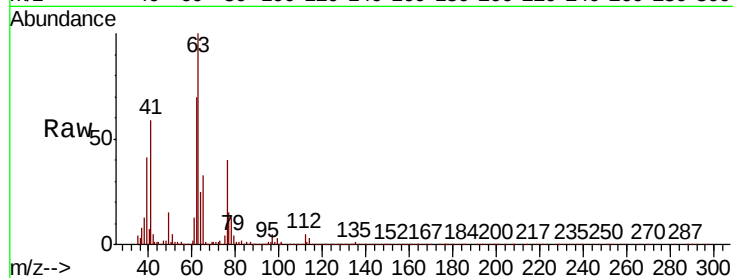
#45
 1,2-Dichloropropane
 Concen: 20.061 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Instrument :
 MSVOA_X
 ClientSampled :
 VX0110WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	24.8	37.2

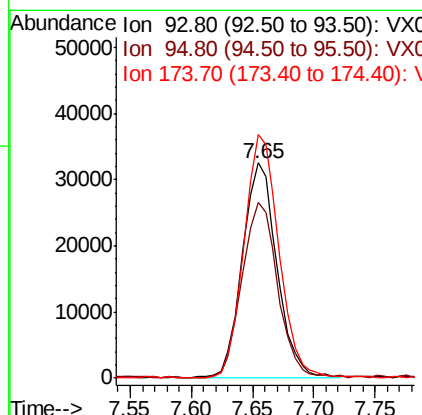
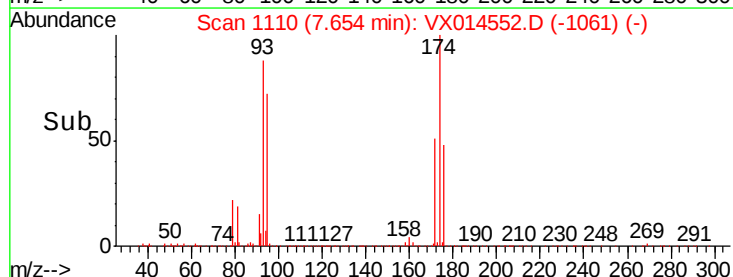
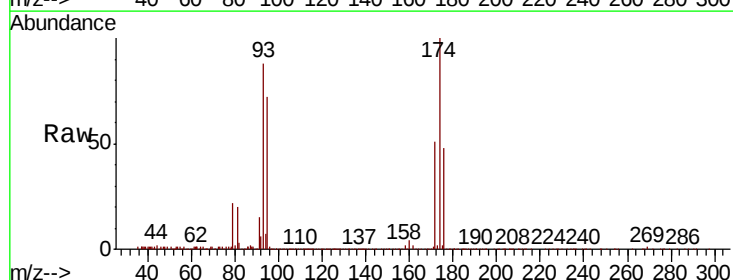
Manual Integrations
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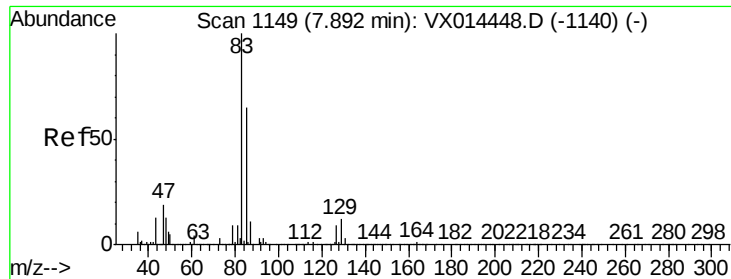
MMDadoda
 1/13/2020 11:34:13 AM



#46
 Dibromomethane
 Concen: 18.534 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	65.4	98.2
174	114.1	93.0	139.4





#47

Bromodichloromethane

Concen: 19.378 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

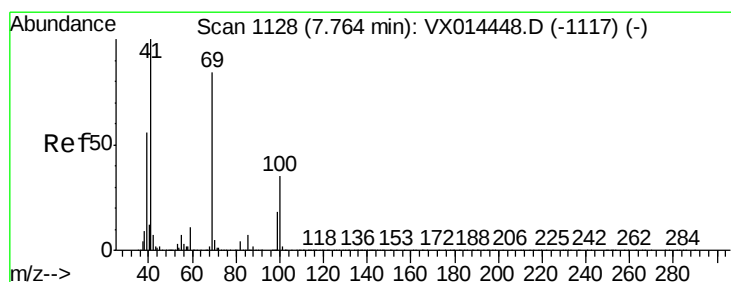
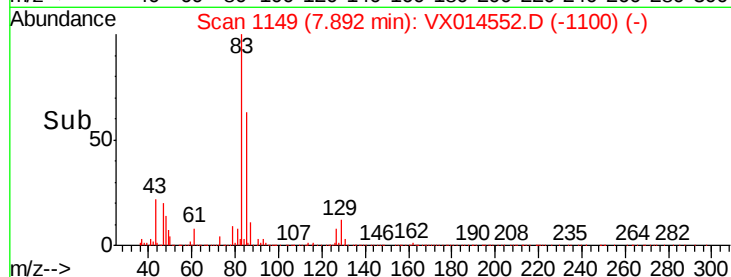
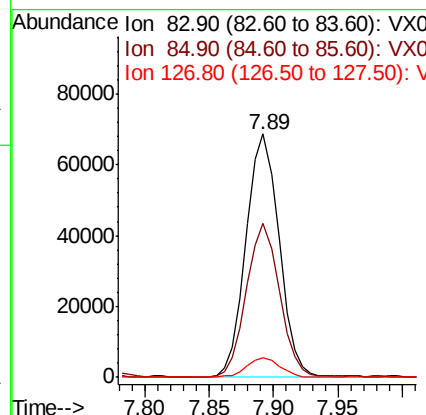
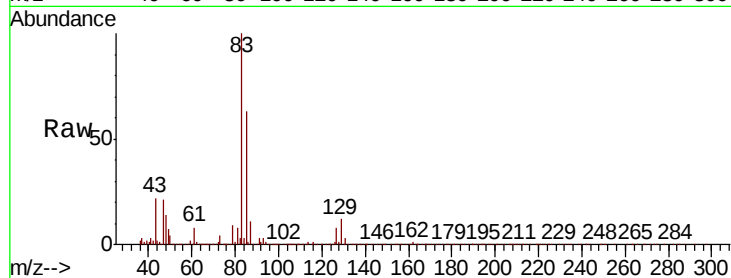
ClientSampleId :

VX0110WBS02

Tot Ion:	83	Resp:	122583
Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.7	77.5
127	7.9	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.395 ug/l

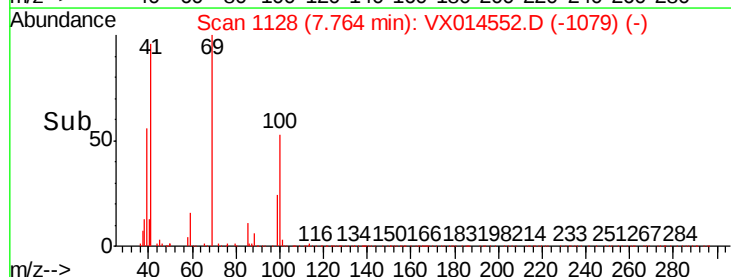
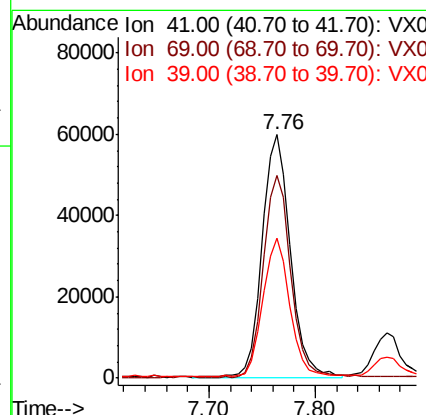
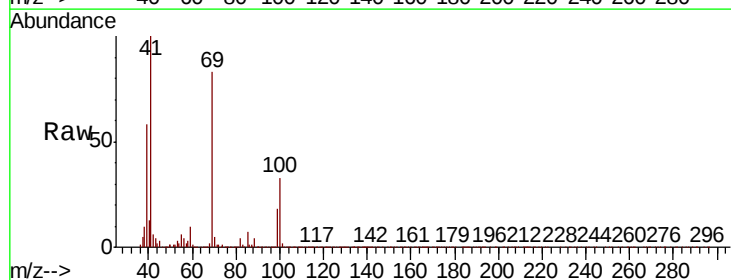
RT: 7.76 min Scan# 1128

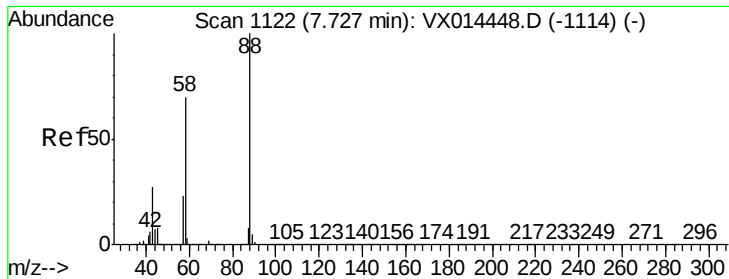
Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Tgt Ion:	41	Resp:	112827
Ion	Ratio	Lower	Upper
41	100		
69	82.4	65.5	98.3
39	53.7	43.9	65.9





#49

1,4-Dioxane

Concen: 413.729 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

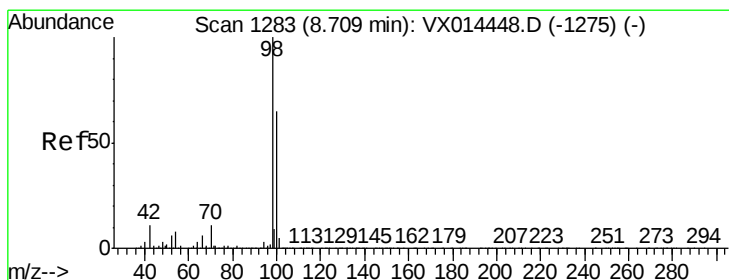
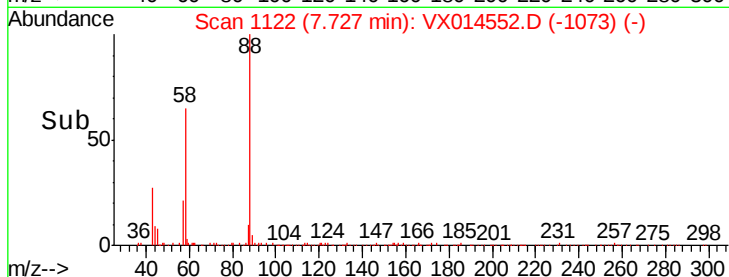
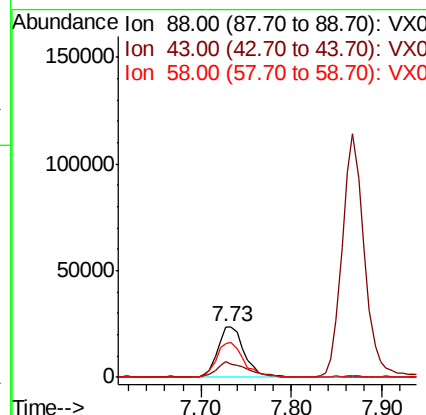
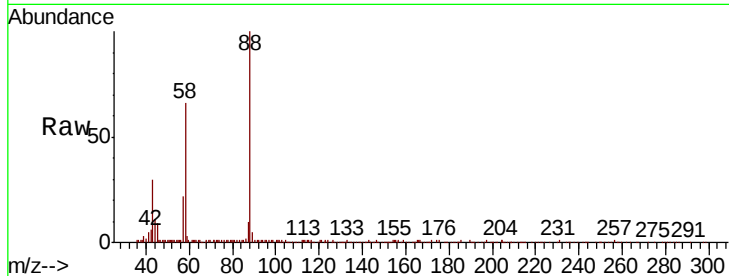
ClientSampleId :

VX0110WBS02

Tot Ion:	88	Resp:	48497
Ion	Ratio	Lower	Upper
88	100		
43	32.0	27.4	41.0
58	68.9	57.1	85.7

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#50

Toluene-d8

Concen: 50.447 ug/l

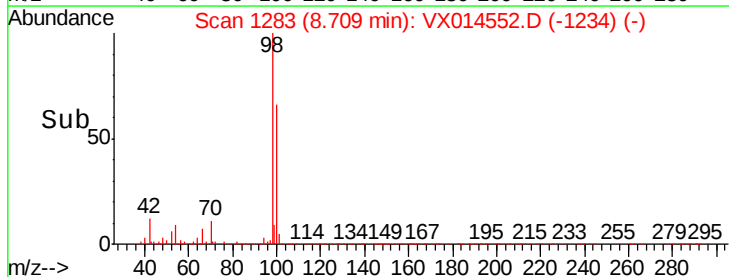
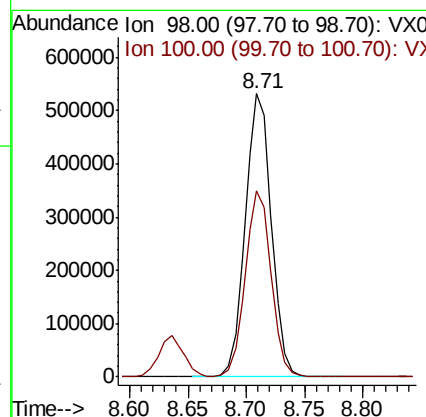
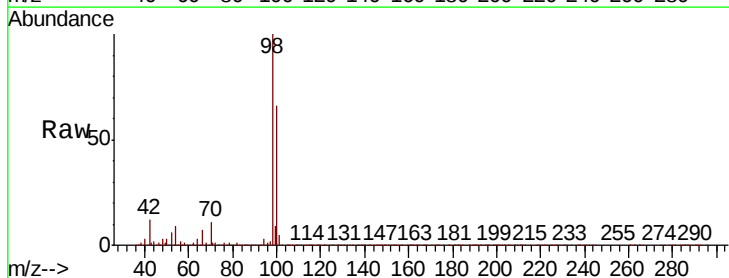
RT: 8.71 min Scan# 1283

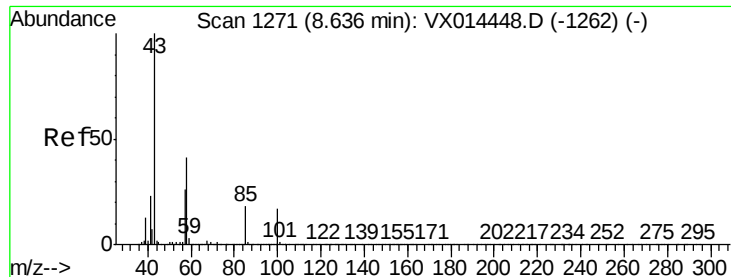
Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Tgt Ion:	98	Resp:	829522
Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.2	79.8





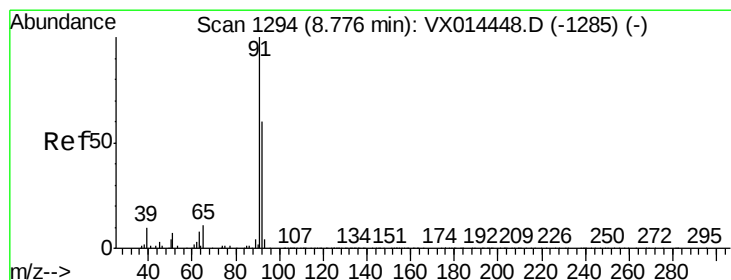
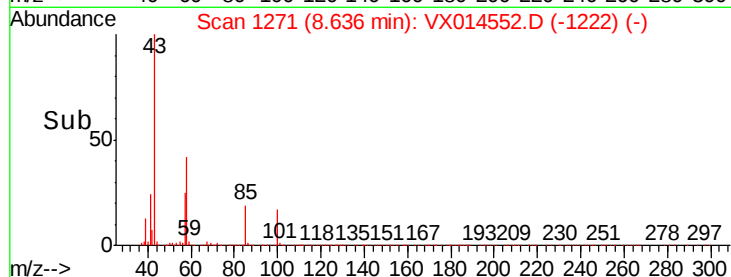
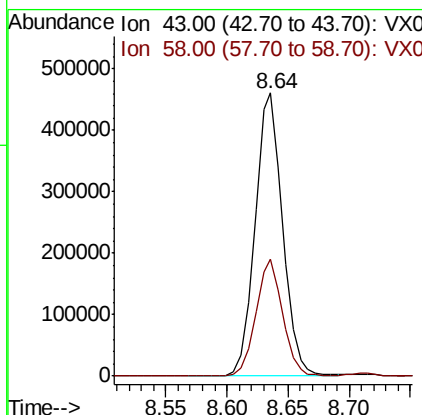
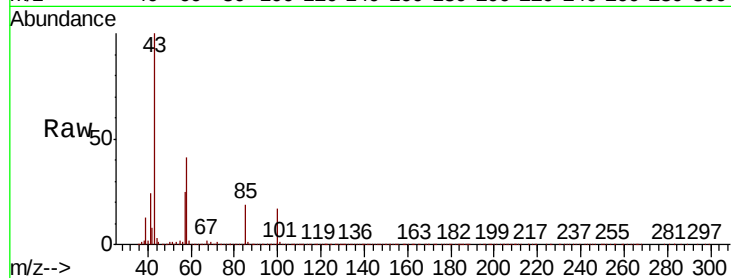
#51
4-Methyl-2-Pentanone
Concen: 102.564 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampled :
VX0110WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.9	32.4	48.6

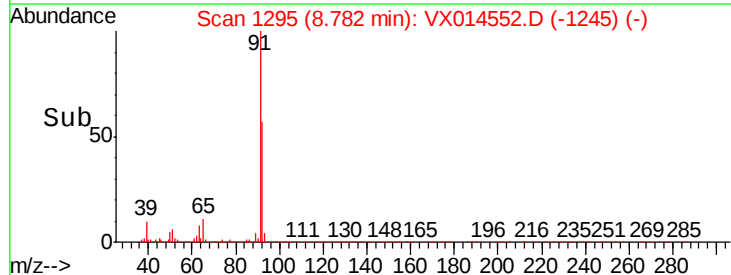
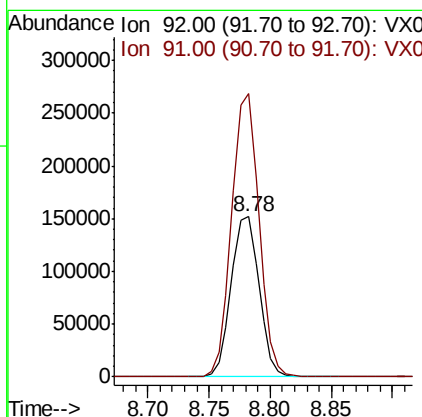
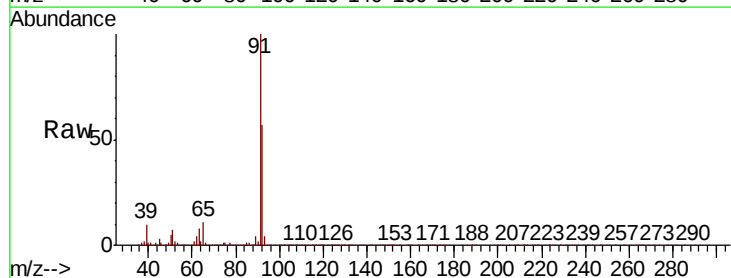
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#52
Toluene
Concen: 19.164 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.9	135.7	203.5





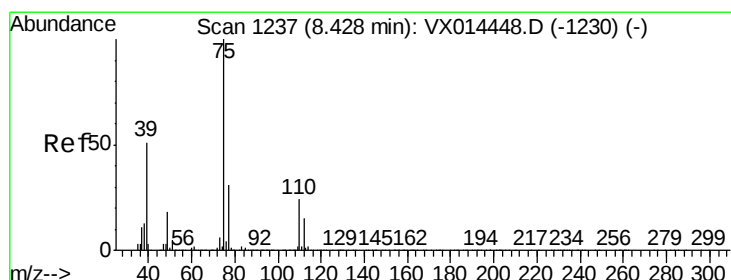
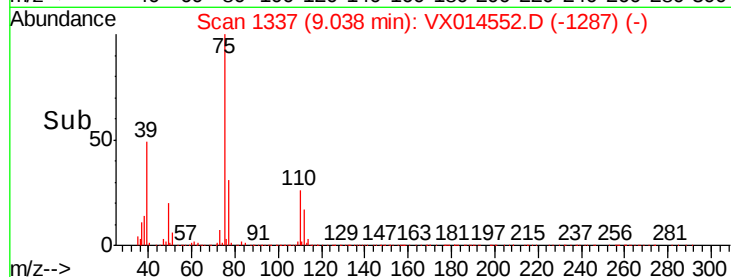
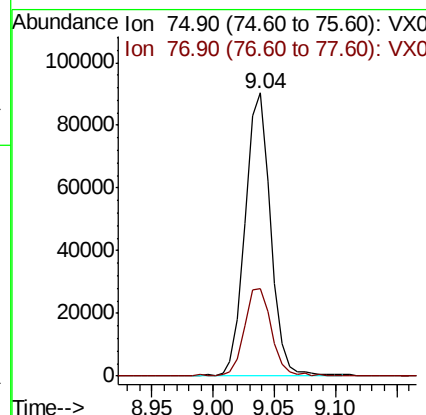
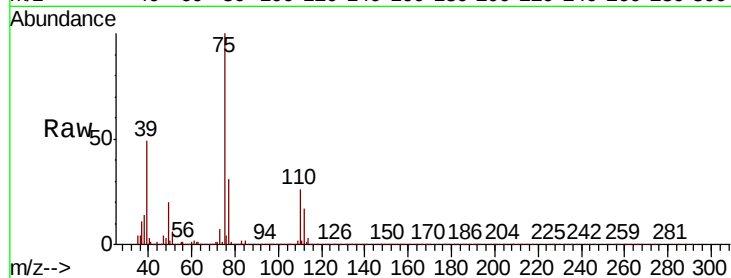
#53
t-1,3-Dichloropropene
Concen: 17.667 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampled :
VX0110WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.4	38.2

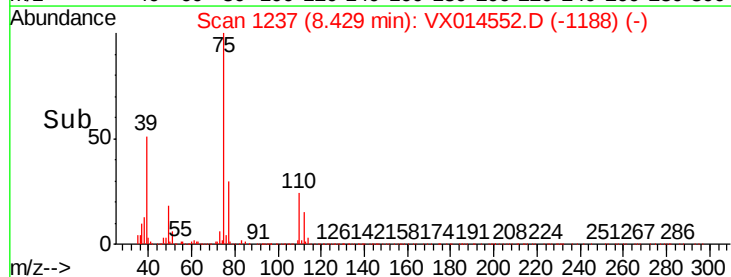
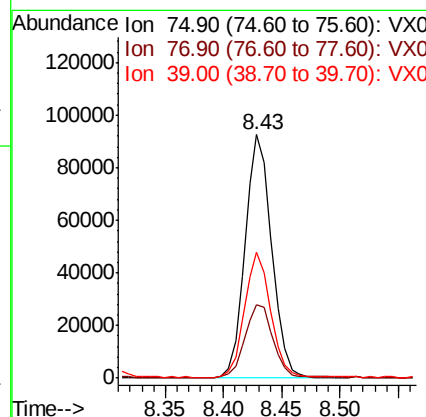
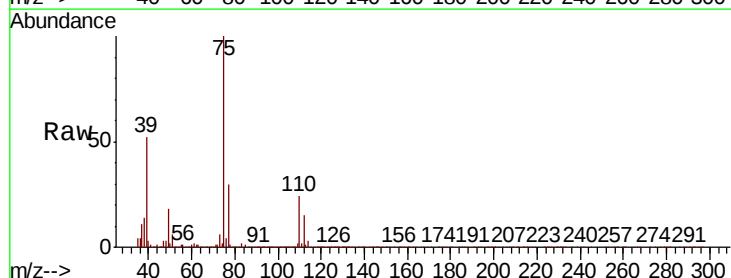
Manual Integrations
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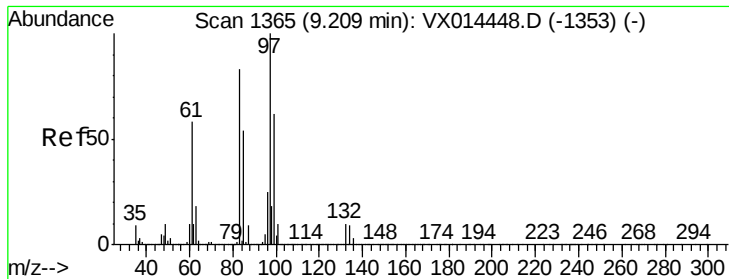
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#54
cis-1,3-Dichloropropene
Concen: 18.551 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.0	37.4
39	51.6	40.7	61.1





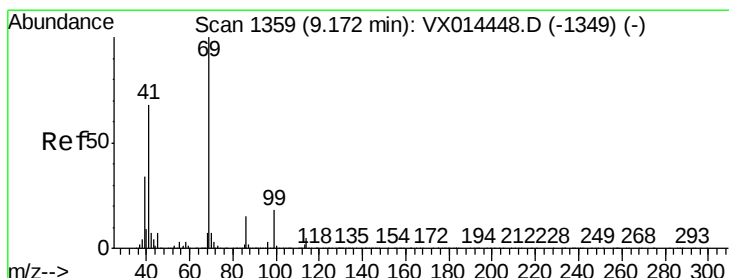
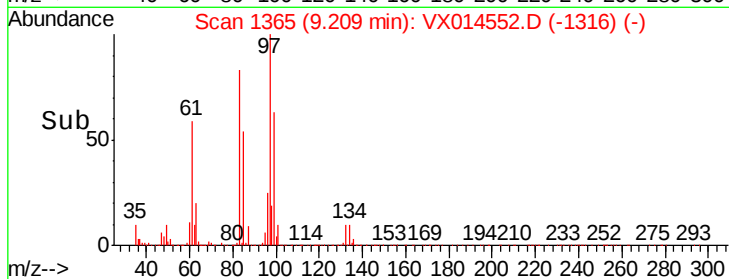
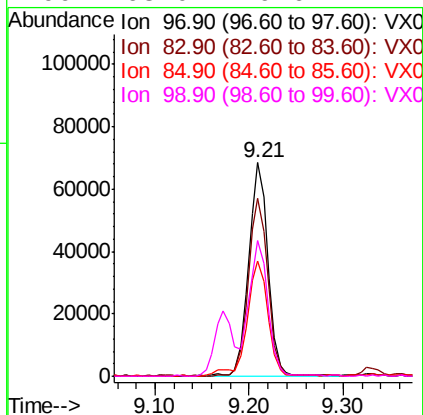
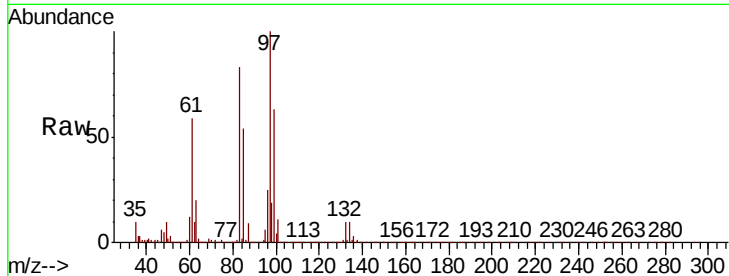
#55
 1,1,2-Trichloroethane
 Concen: 19.640 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.1	66.4	99.6
85	53.7	43.4	65.2
99	63.0	49.6	74.4

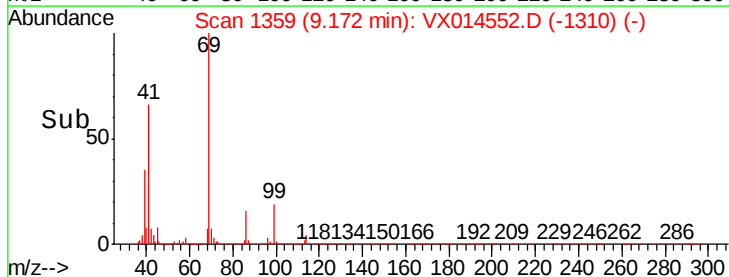
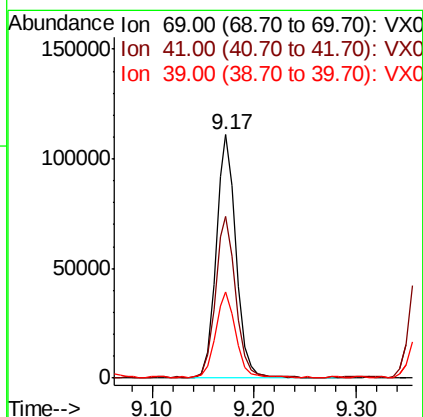
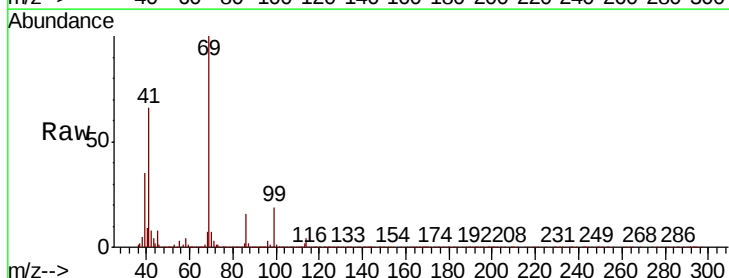
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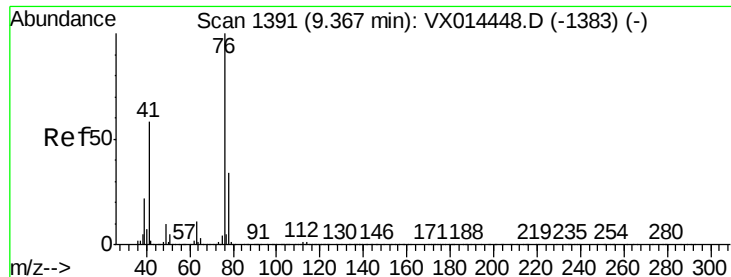
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#56
 Ethyl methacrylate
 Concen: 19.683 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.2	81.2
39	35.2	28.2	42.2





#57

1,3-Dichloropropane

Concen: 19.696 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS02

Tot Ion: 76 Resp: 165430

Ion Ratio Lower Upper

76 100

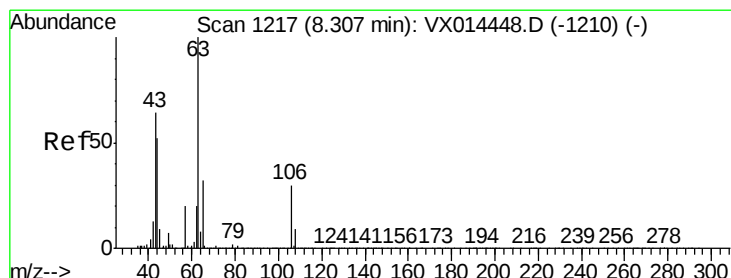
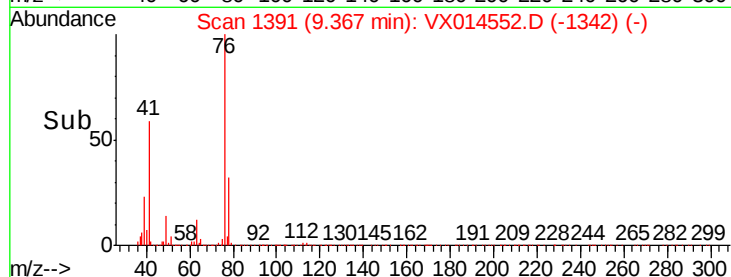
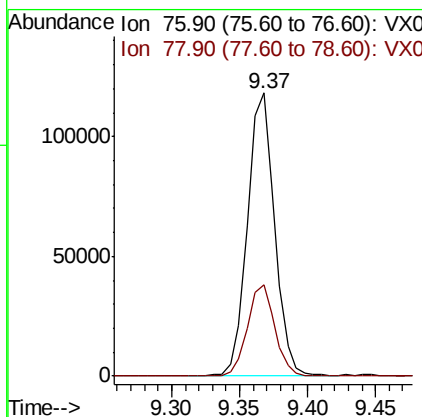
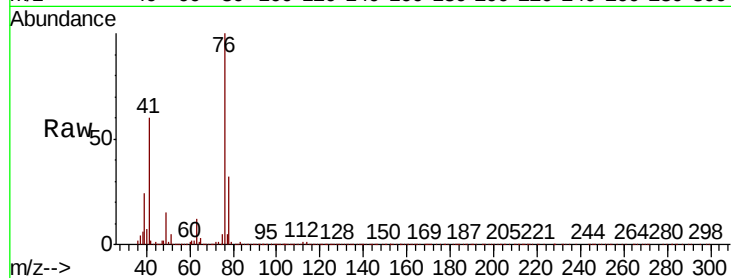
78 32.5 26.4 39.6

Manual Integrations

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1/13/2020 11:34:13 AM



#58

2-Chloroethyl Vinyl ether

Concen: 105.168 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014552.D

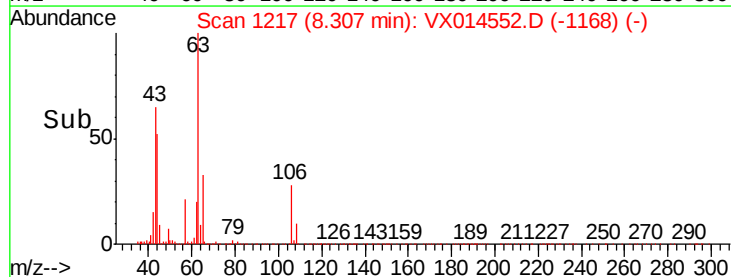
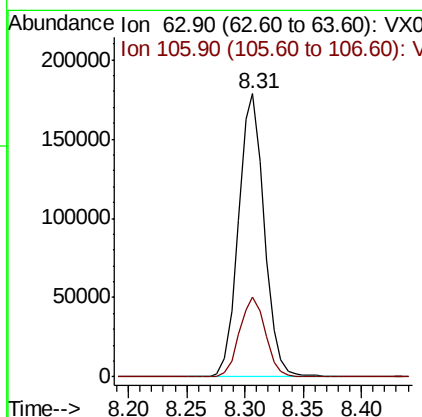
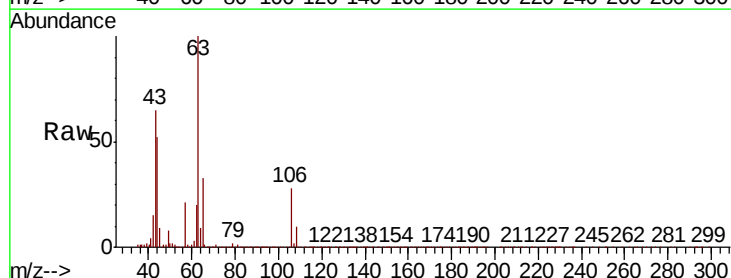
Acq: 10 Jan 2020 22:10

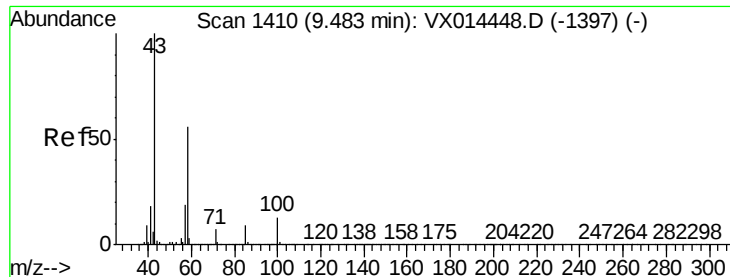
Tgt Ion: 63 Resp: 275380

Ion Ratio Lower Upper

63 100

106 28.7 23.6 35.4





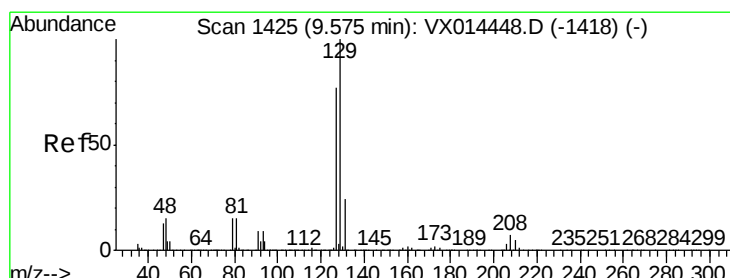
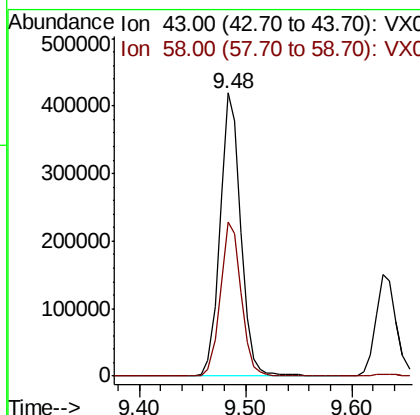
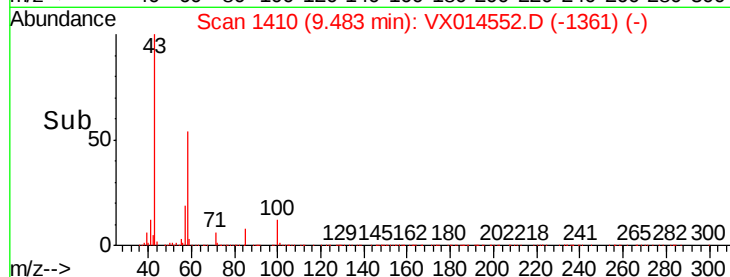
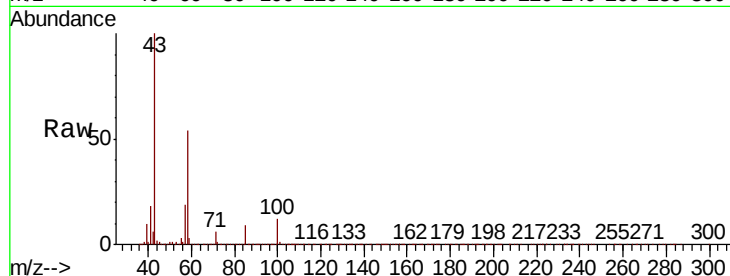
#59
2-Hexanone
Concen: 101.941 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Tot Ion: 43 Resp: 567732
Ion Ratio Lower Upper
43 100
58 54.9 27.9 83.7

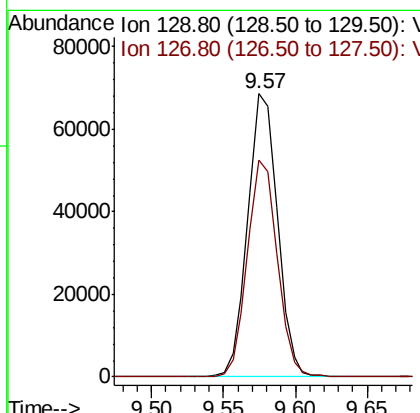
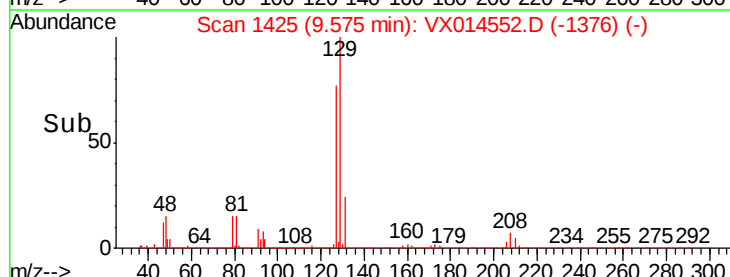
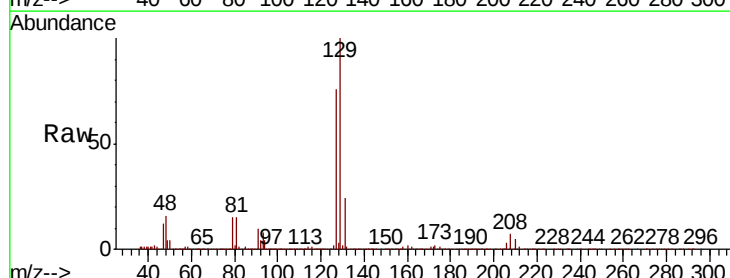
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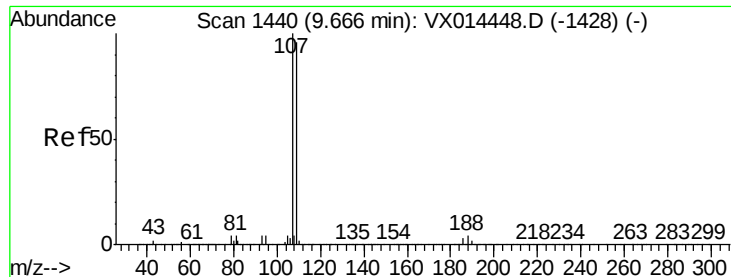
MMDadoda
1/13/2020 11:34:13 AM



#60
Dibromochloromethane
Concen: 19.358 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion: 129 Resp: 97740
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.300 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS02

Tot Ion: 107 Resp: 102698

Ion Ratio Lower Upper

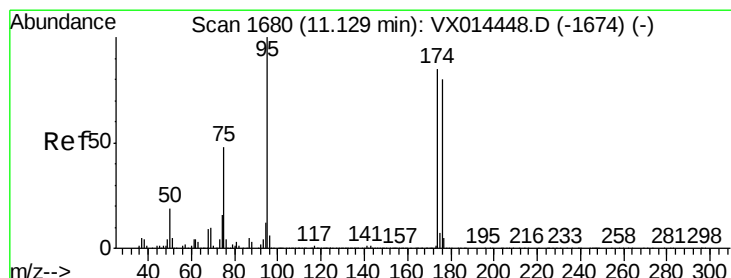
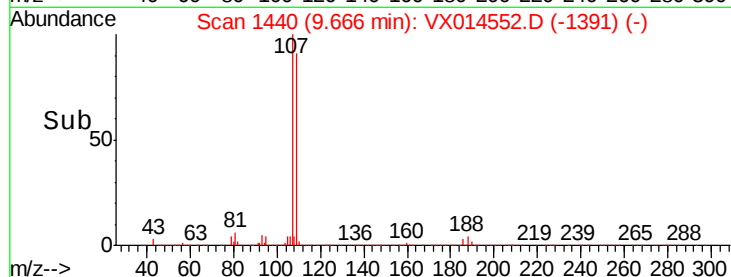
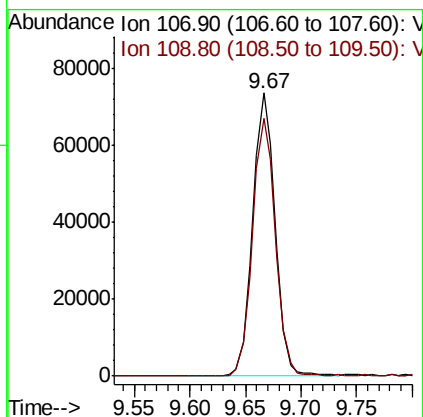
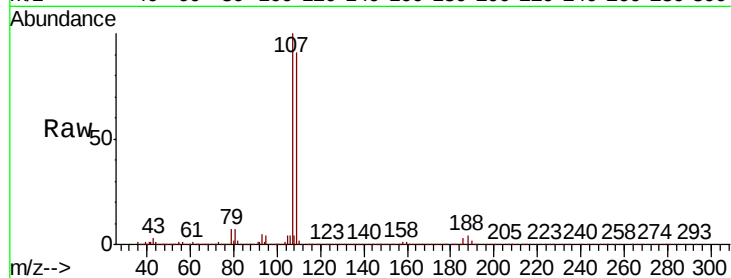
107 100

109 92.8 76.5 114.7

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#62

4-Bromofluorobenzene

Concen: 47.355 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

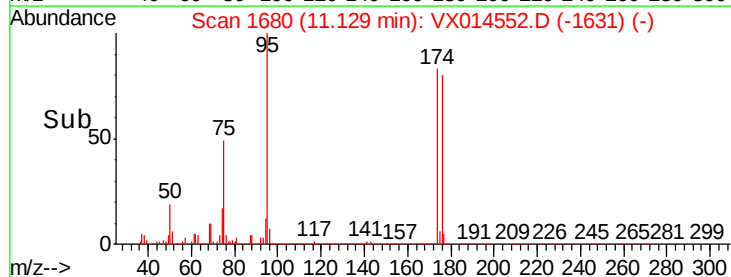
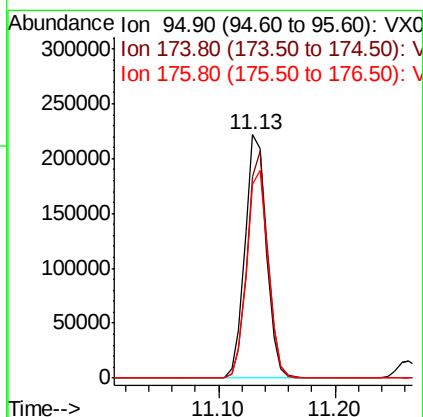
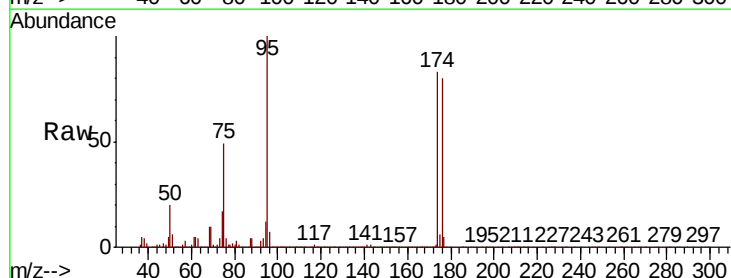
Tgt Ion: 95 Resp: 285860

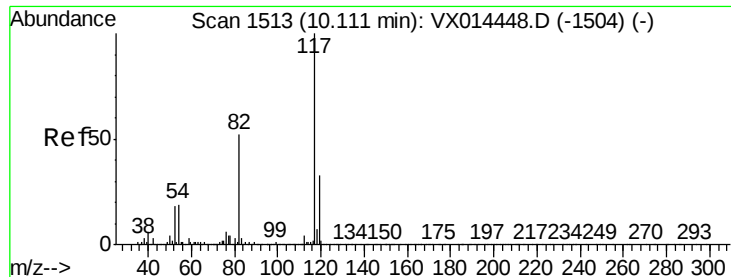
Ion Ratio Lower Upper

95 100

174 90.2 0.0 180.8

176 86.1 0.0 172.8





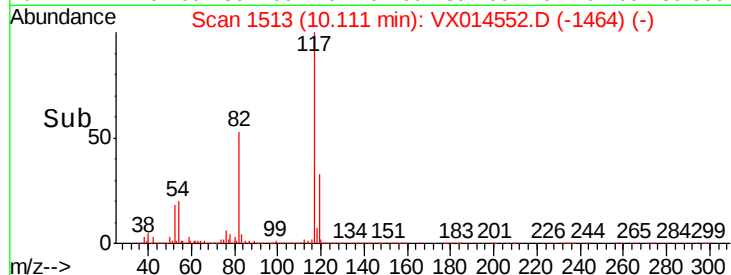
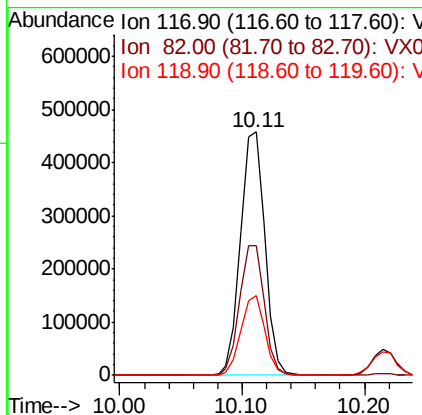
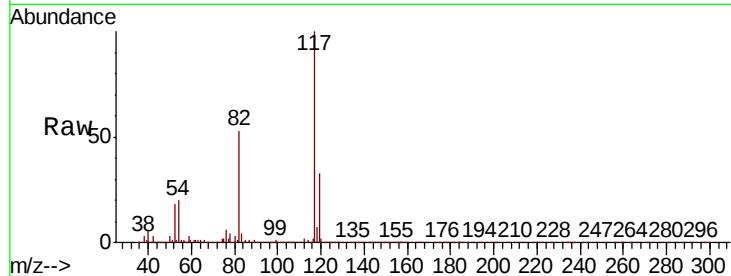
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	41.8	62.6
119	32.5	26.2	39.4

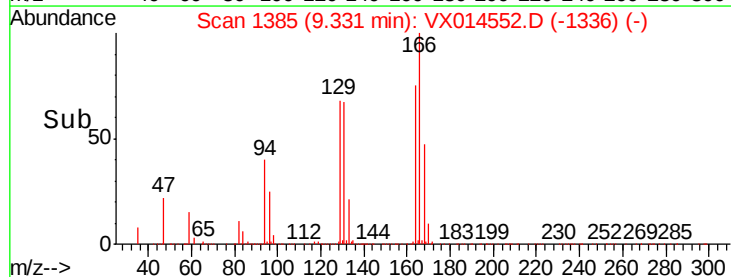
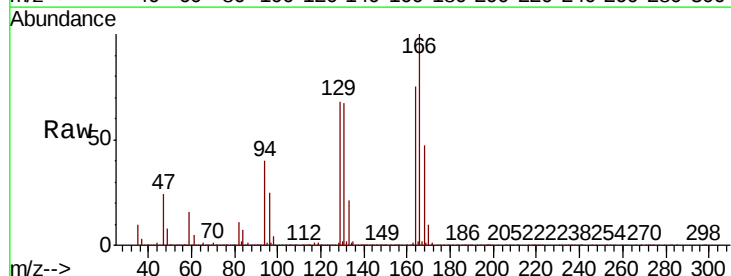
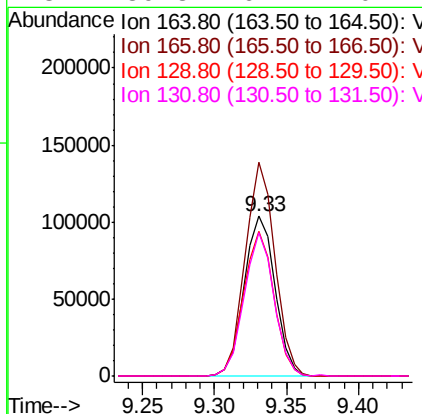
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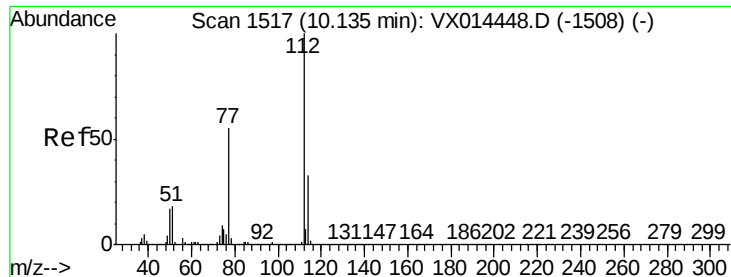
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#64
Tetrachloroethene
Concen: 24.342 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.5	101.2	151.8
129	90.4	68.3	102.5
131	89.3	67.4	101.2





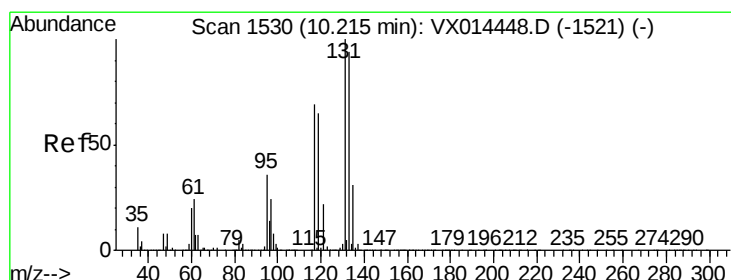
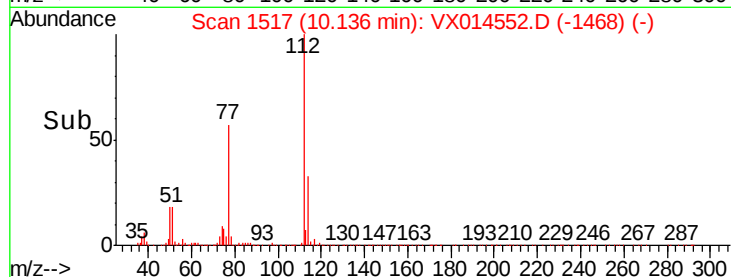
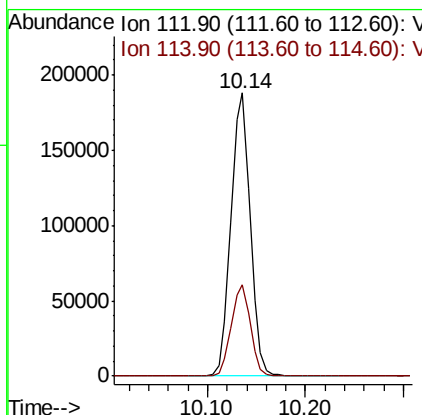
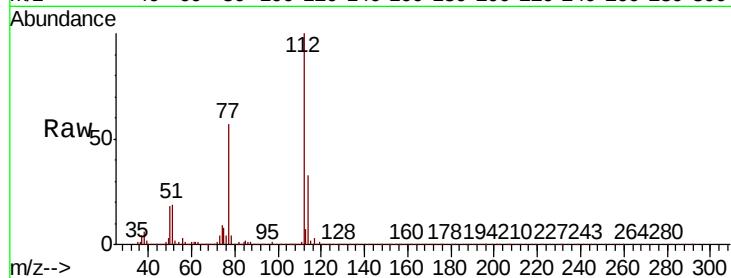
#65
Chlorobenzene
Concen: 18.858 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	26.2	39.4

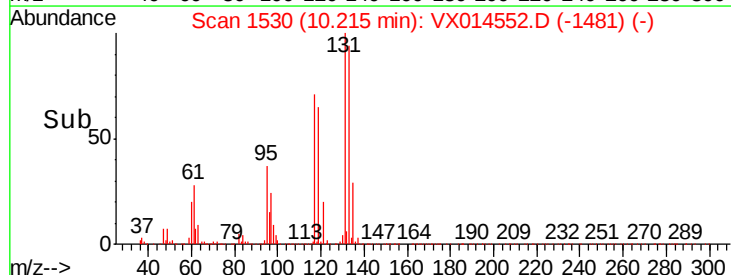
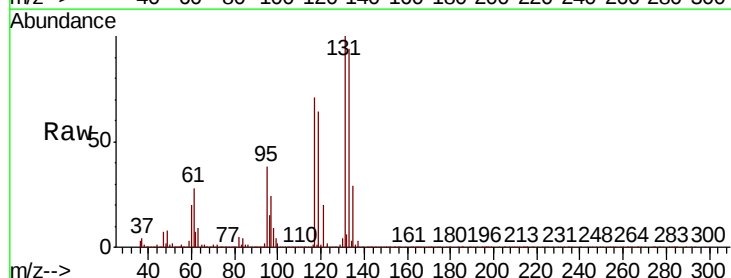
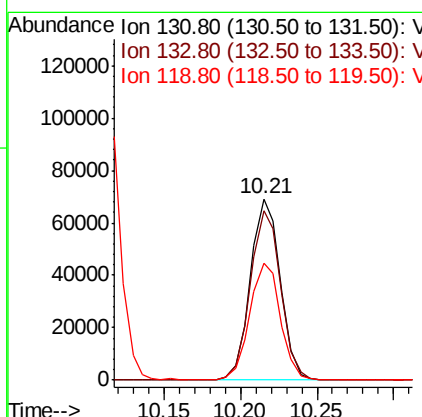
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.192 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.3	142.0
119	66.3	32.8	98.4





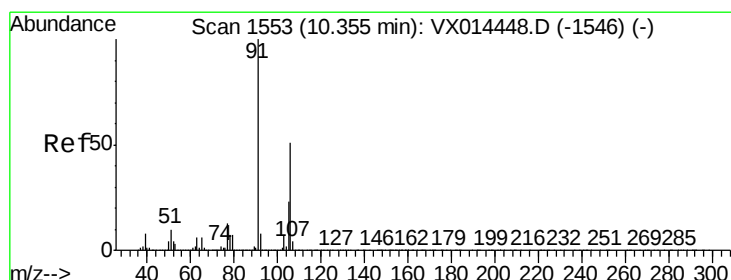
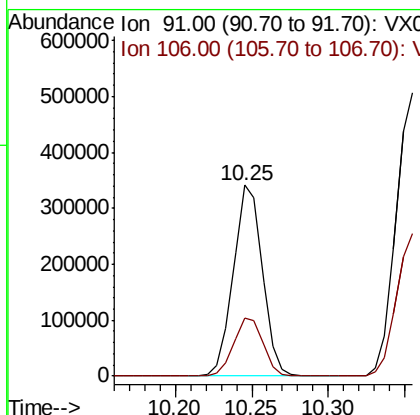
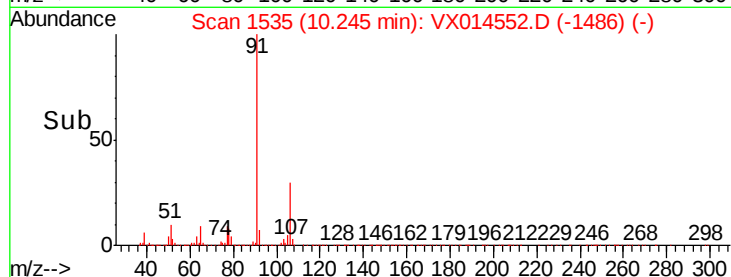
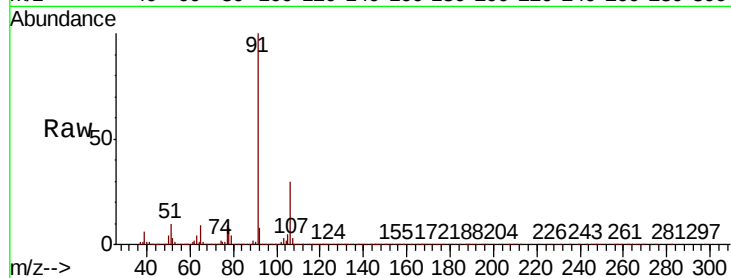
#67
Ethyl Benzene
Concen: 19.313 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Tot Ion: 91 Resp: 450354
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4

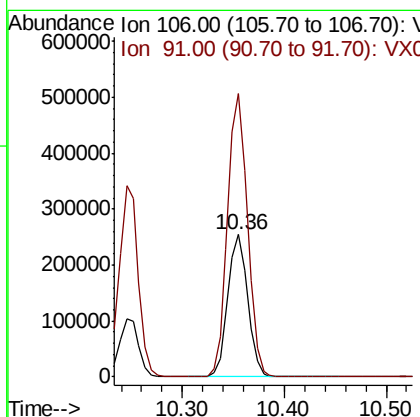
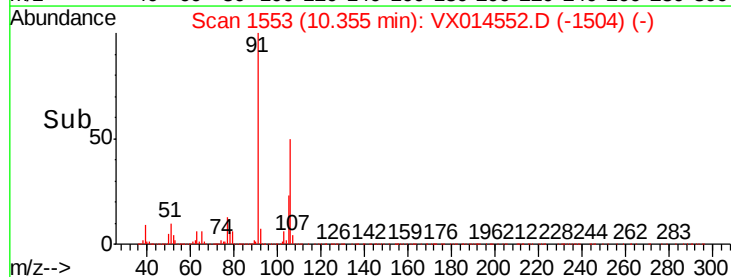
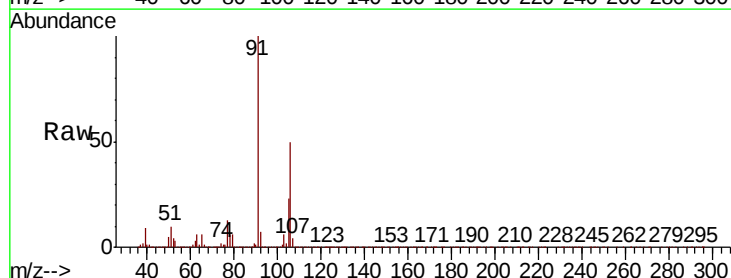
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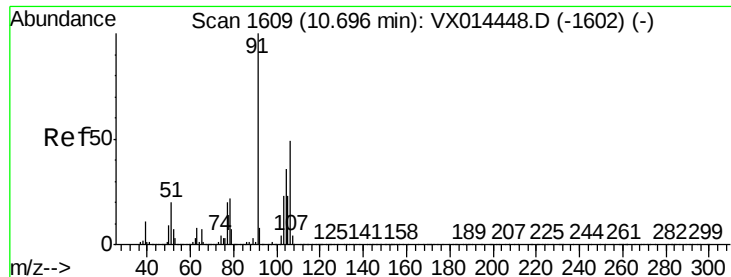
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#68
m/p-Xylenes
Concen: 37.965 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion: 106 Resp: 341532
Ion Ratio Lower Upper
106 100
91 200.4 157.4 236.0





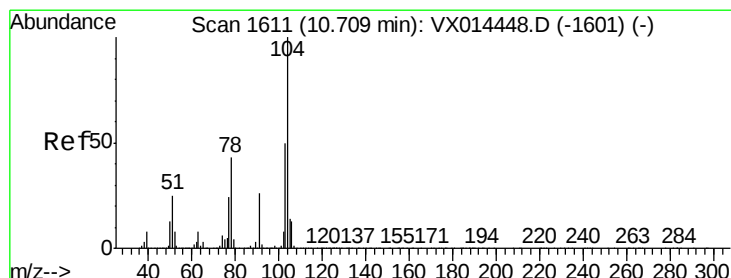
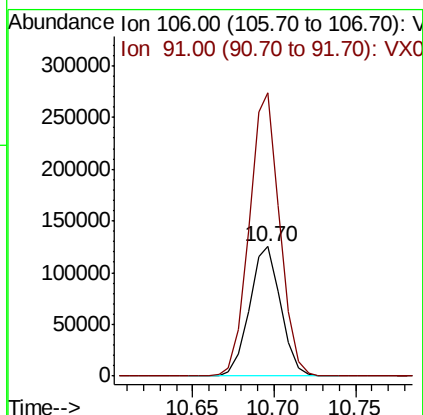
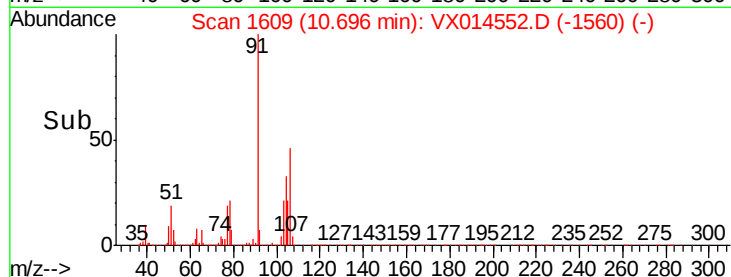
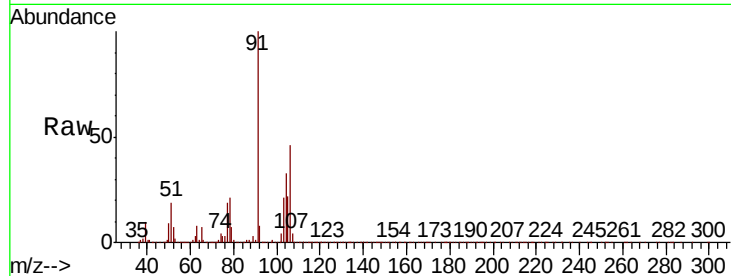
#69
o-Xylene
Concen: 19.368 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.5	105.1	315.1

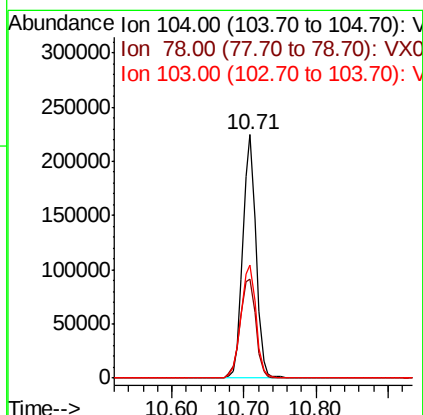
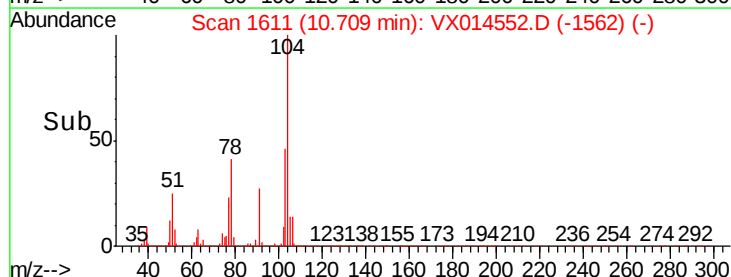
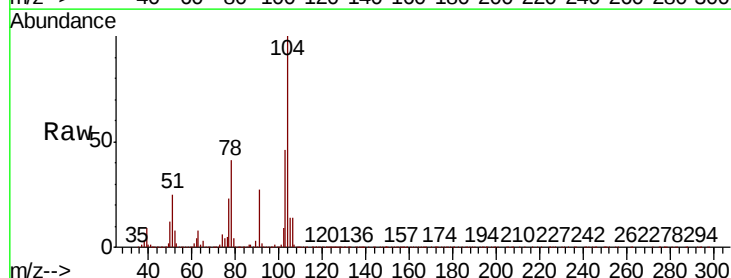
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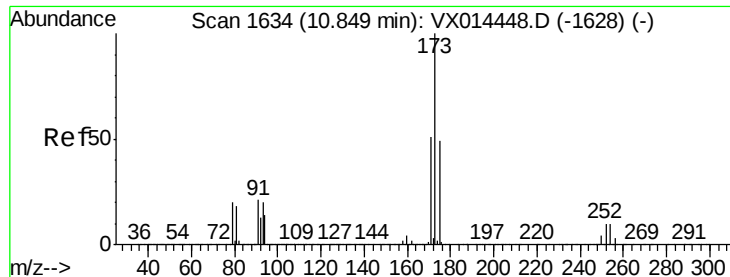
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#70
Styrene
Concen: 19.207 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.3	38.6	58.0
103	52.8	43.7	65.5





#71

Bromoform

Concen: 18.214 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS02

Tot Ion:173 Resp: 72755

Ion Ratio Lower Upper

173 100

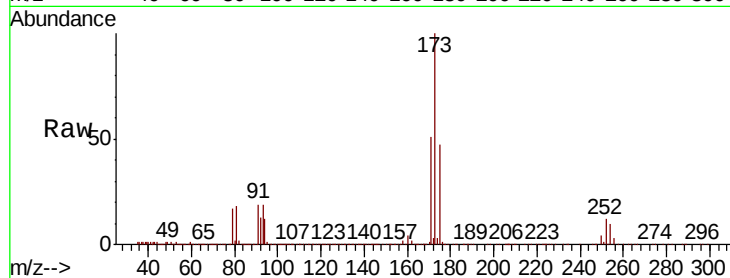
175 47.0 24.3 72.8

254 0.1 0.2 0.2#

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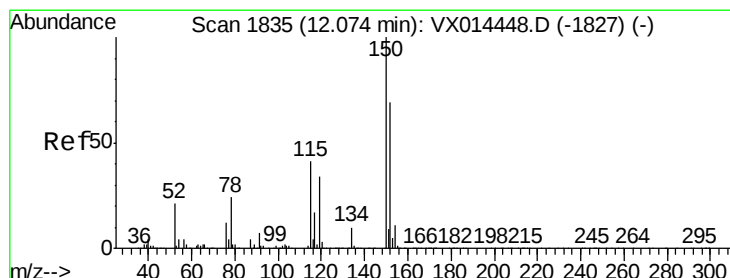
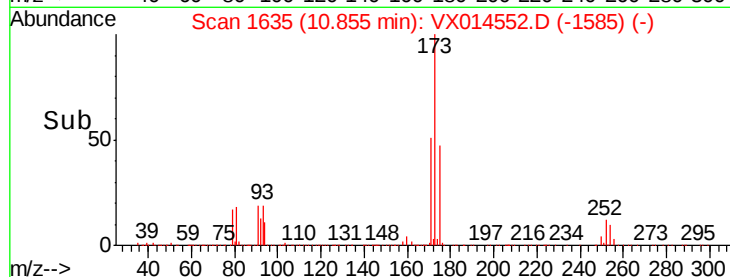
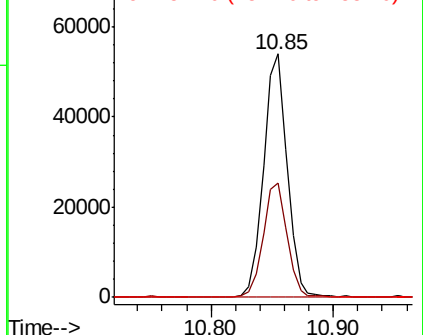
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX014552.D

Acq: 10 Jan 2020 22:10

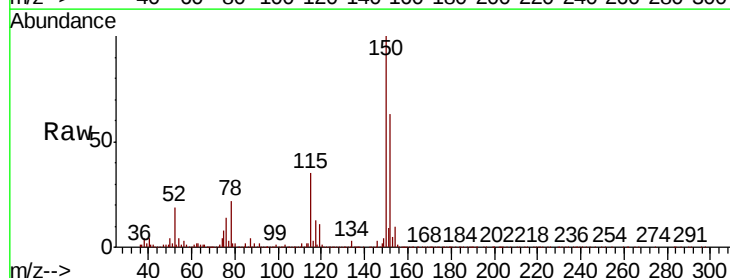
Tgt Ion:152 Resp: 306322

Ion Ratio Lower Upper

152 100

115 63.5 39.5 118.3

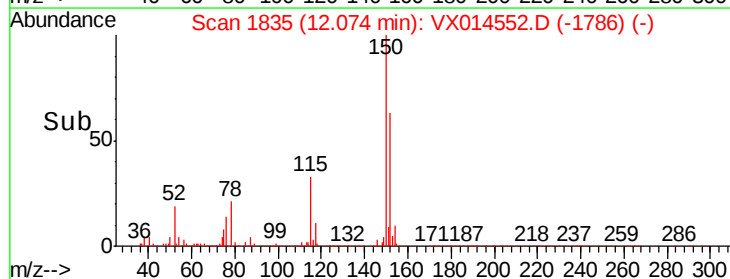
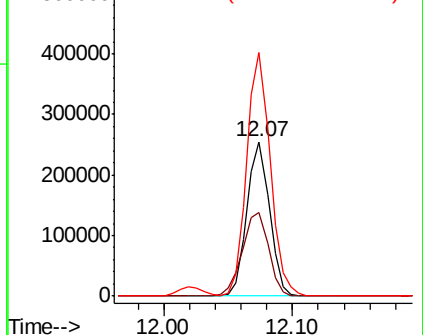
150 164.2 0.0 350.2

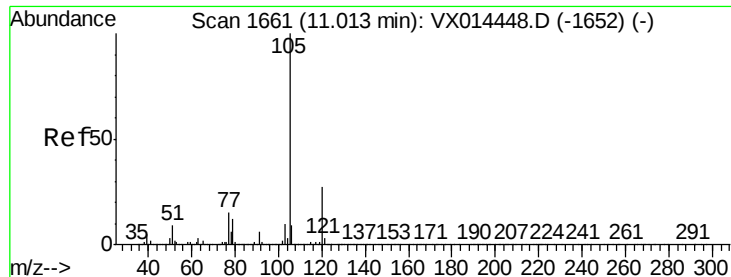


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.478 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS02

Tot Ion: 105 Resp: 440495

Ion Ratio Lower Upper

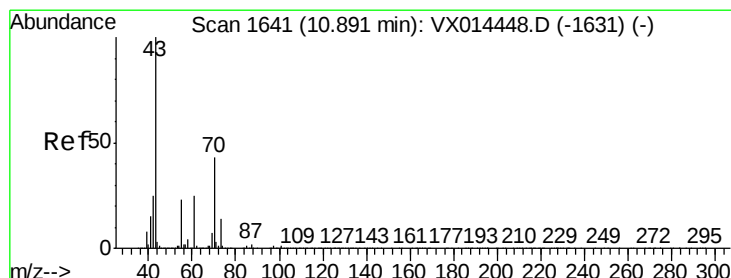
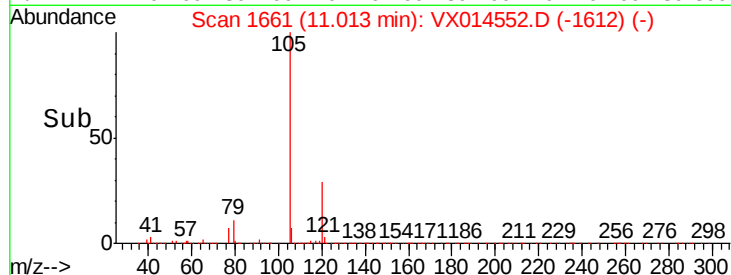
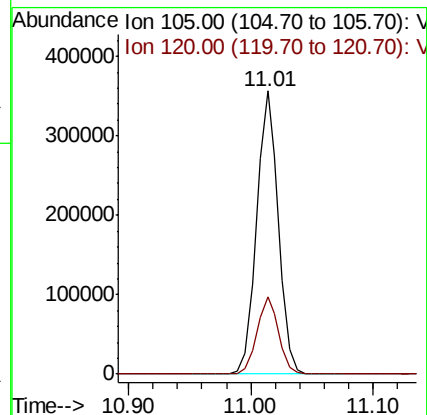
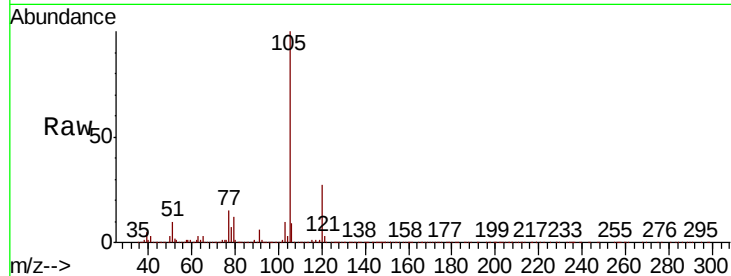
105 100

120 27.0 13.4 40.2

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#74

N-ethyl acetate

Concen: 19.677 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Tgt Ion: 43 Resp: 186733

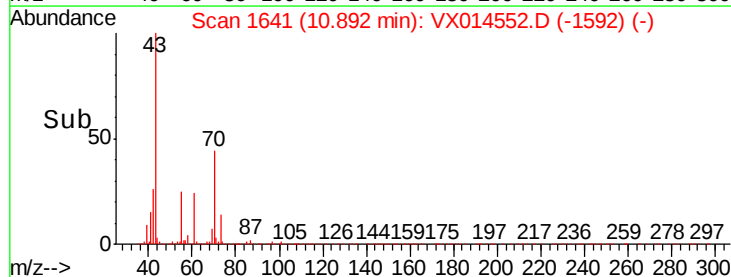
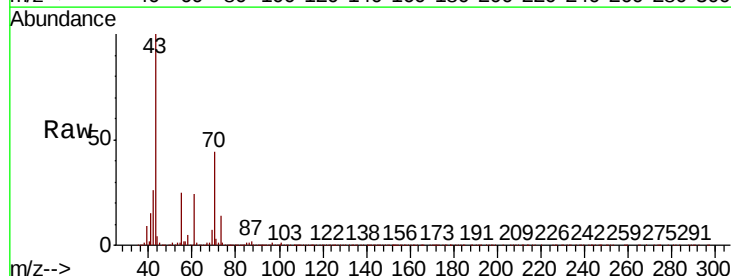
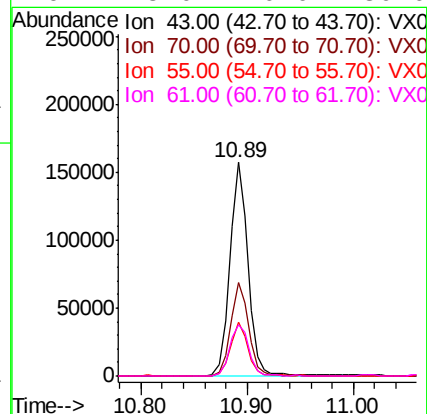
Ion Ratio Lower Upper

43 100

70 43.5 35.1 52.7

55 24.1 19.3 28.9

61 25.0 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.061 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

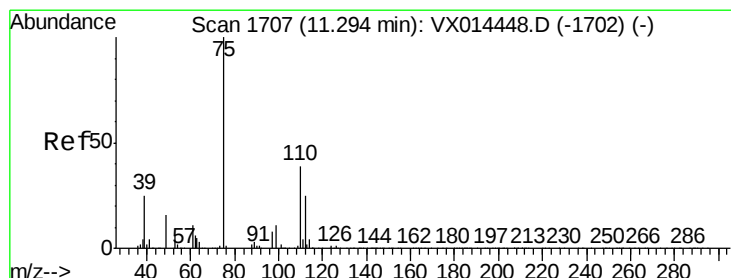
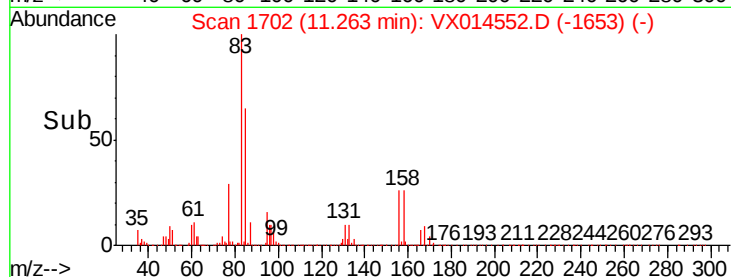
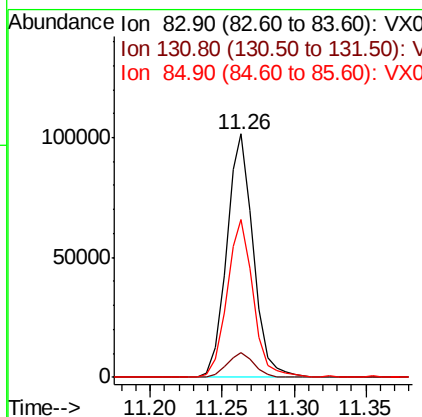
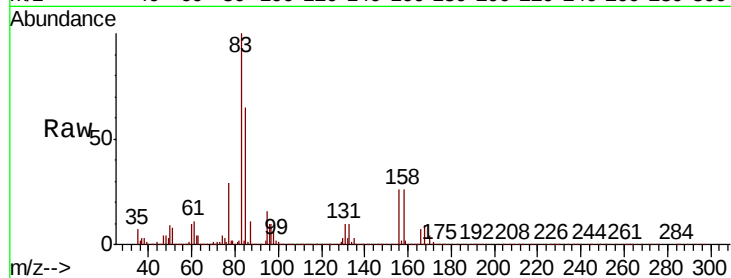
ClientSampled :

VX0110WBS02

Tot Ion:	83	Resp:	131486
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	64.1	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 19.361 ug/l m

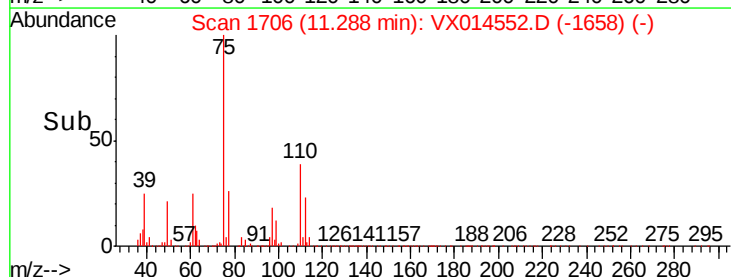
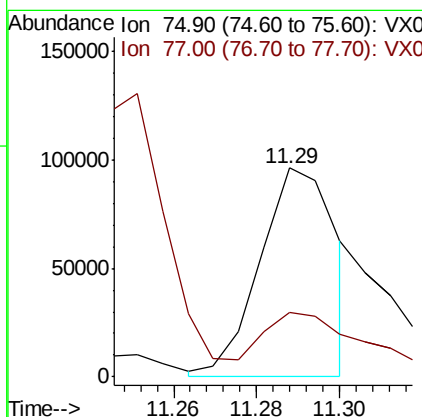
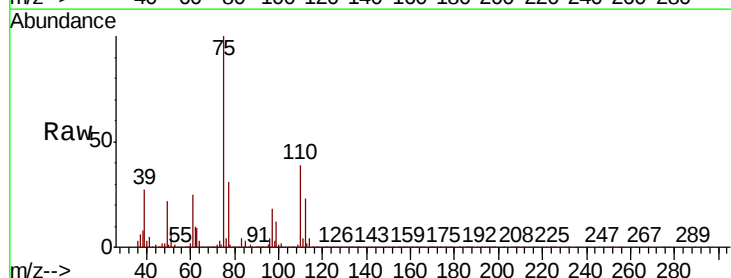
RT: 11.29 min Scan# 1706

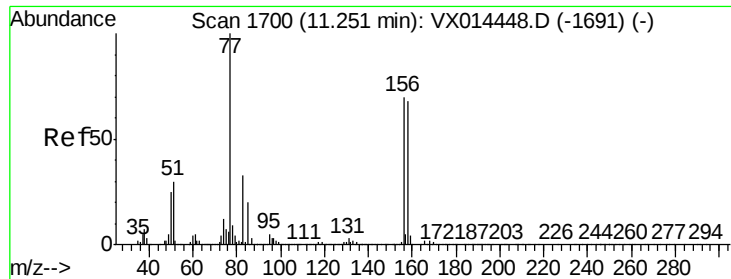
Delta R.T. -0.01 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Tgt Ion:	75	Resp:	122709
Ion Ratio	Lower	Upper	
75	100		
77	40.4	21.9	65.7





#77

Bromobenzene

Concen: 19.386 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Instrument :

MSVOA_X

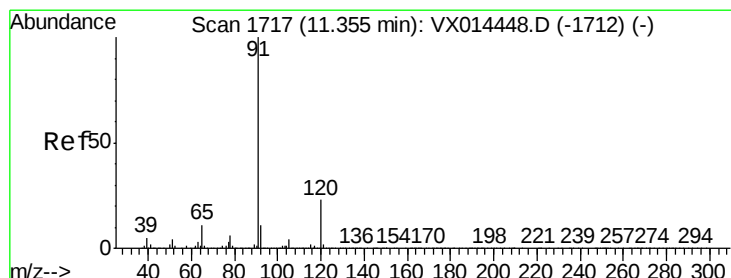
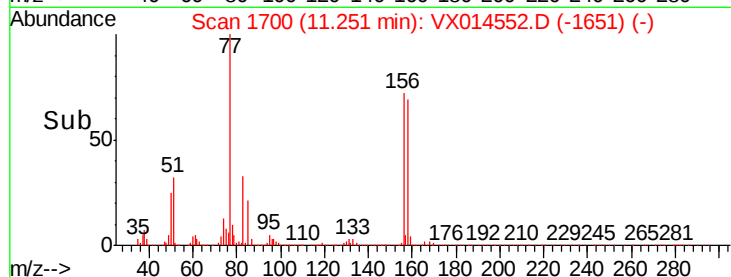
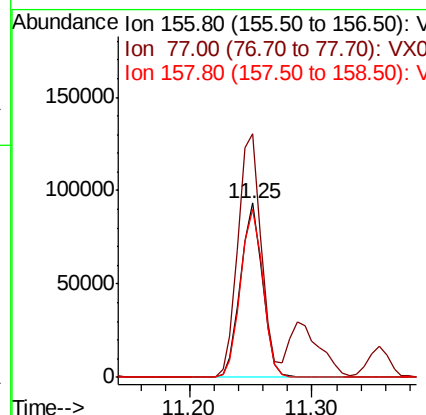
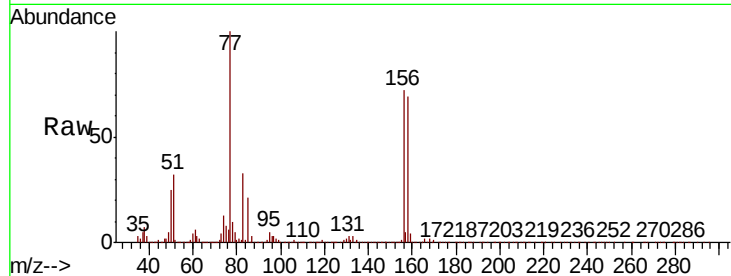
ClientSampleId :

VX0110WBS02

Tot Ion:	156	Resp:	115645
Ion Ratio	Lower	Upper	
156	100		
77	148.5	75.4	226.3
158	98.0	48.8	146.3

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#78

n-propylbenzene

Concen: 19.814 ug/l

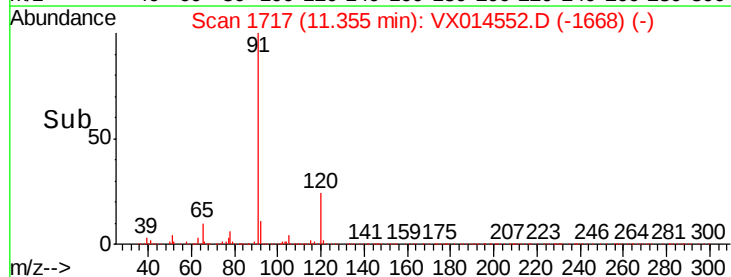
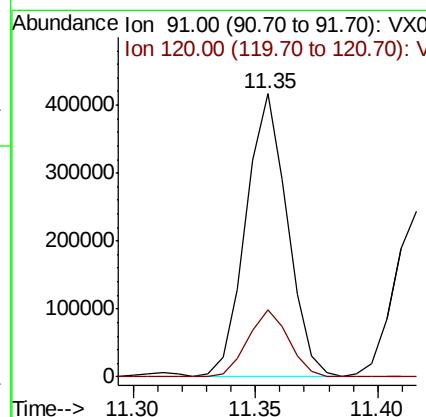
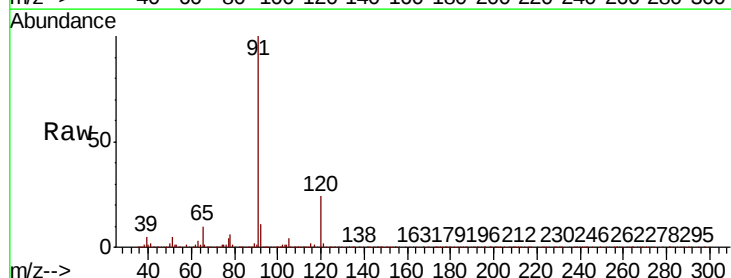
RT: 11.35 min Scan# 1717

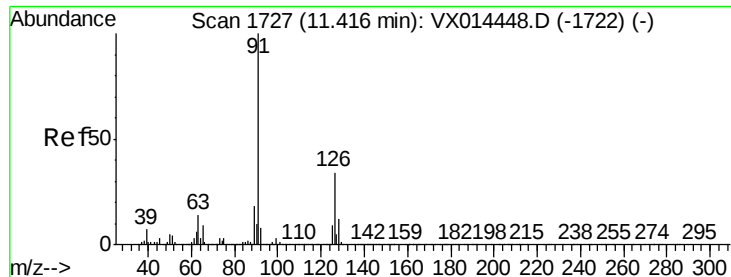
Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Tgt Ion:	91	Resp:	488123
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.9	35.5





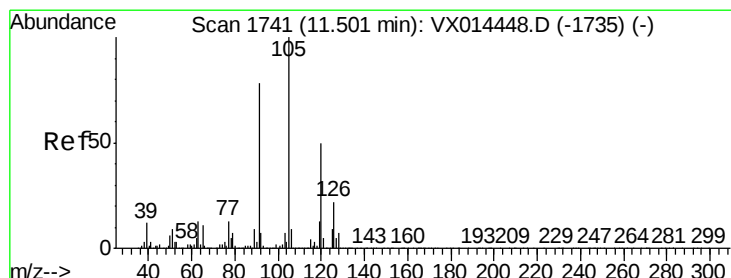
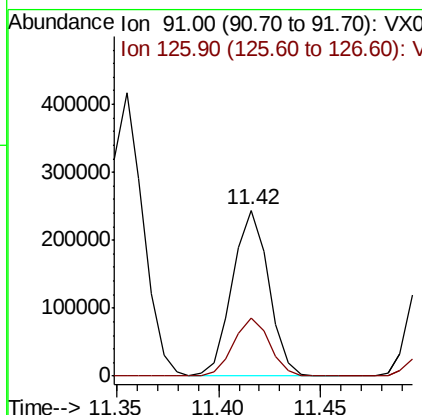
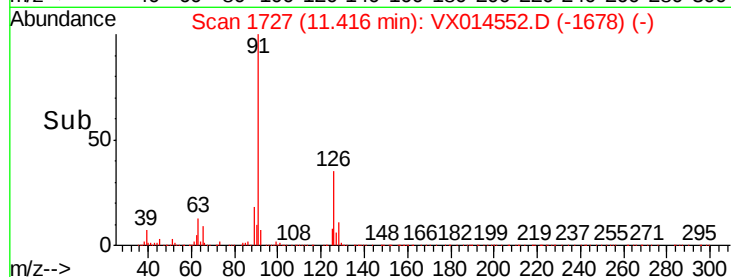
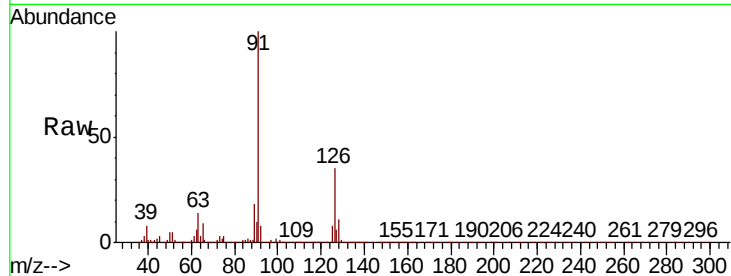
#79
2-Chlorotoluene
Concen: 20.321 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Tot Ion: 91 Resp: 298348
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.5

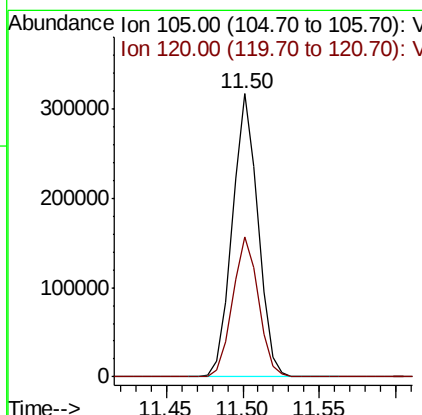
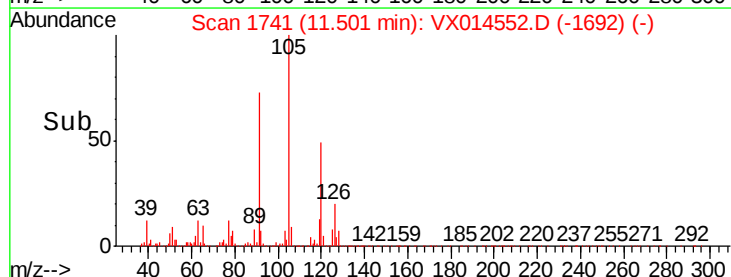
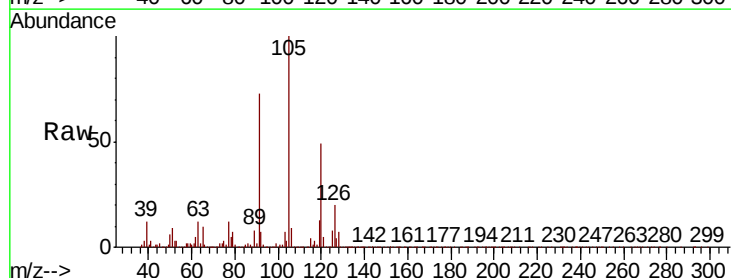
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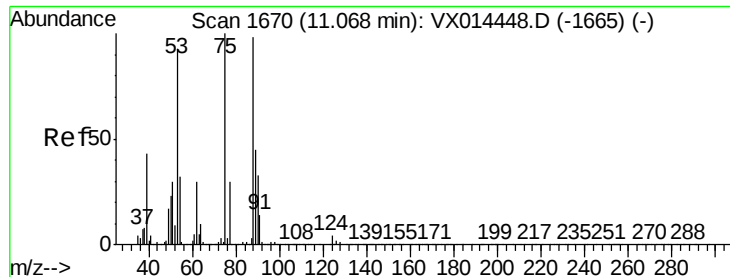
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#80
1,3,5-Trimethylbenzene
Concen: 20.548 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion: 105 Resp: 366961
Ion Ratio Lower Upper
105 100
120 49.6 25.2 75.6





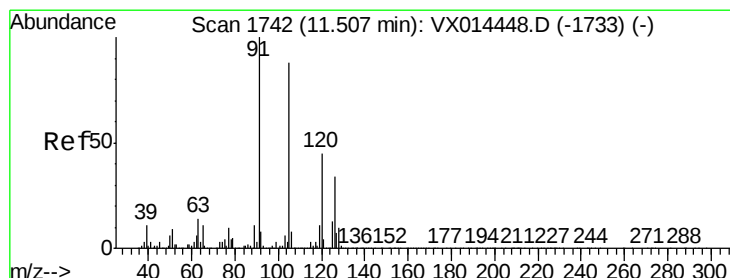
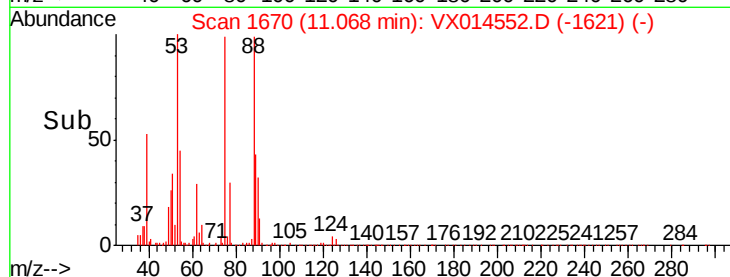
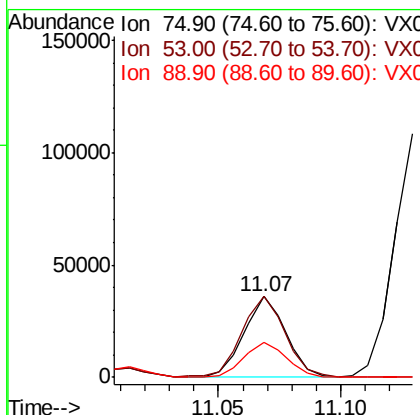
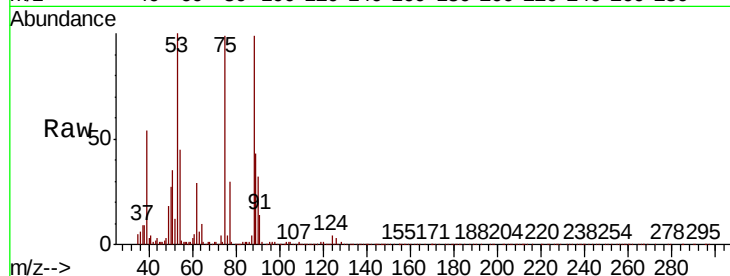
#81
trans-1,4-Dichloro-2-butene
Concen: 17.783 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampled :
VX0110WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.4	74.8	112.2
89	45.7	36.3	54.5

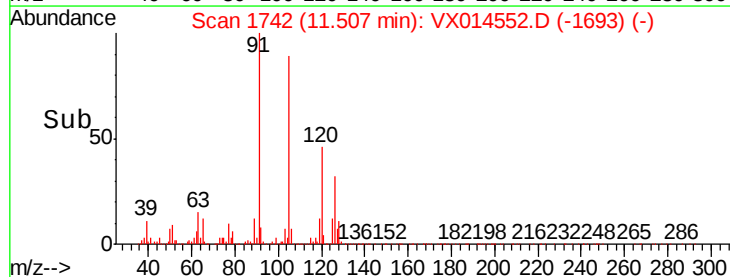
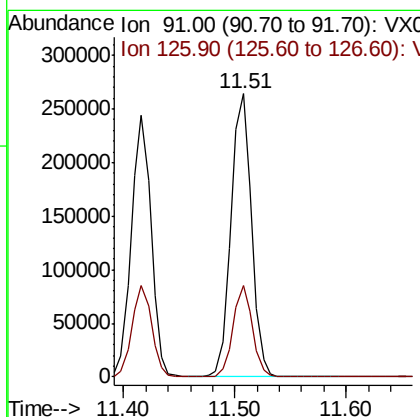
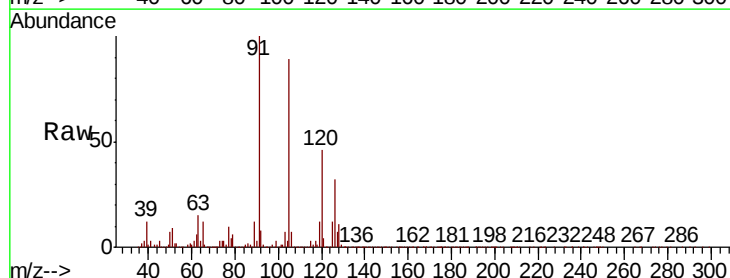
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#82
4-Chlorotoluene
Concen: 19.362 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.9	47.7





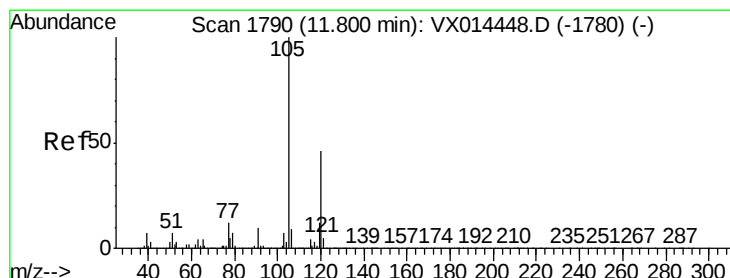
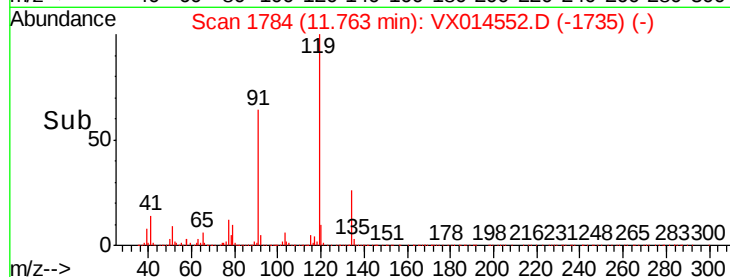
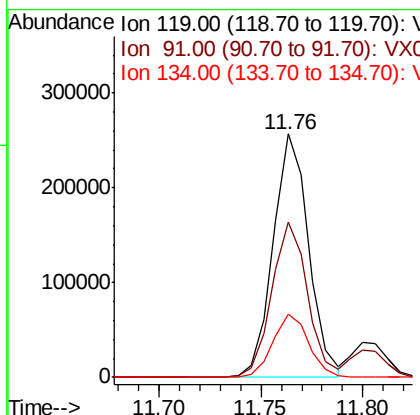
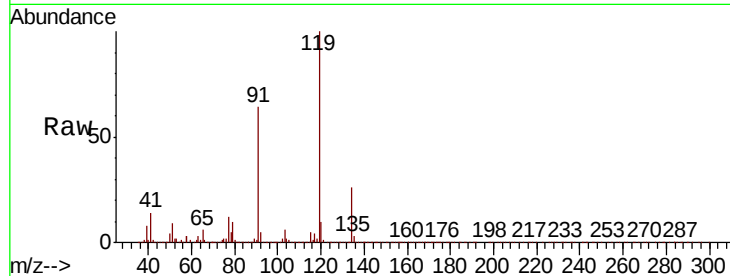
#83
tert-Butylbenzene
Concen: 18.431 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.4	29.3	88.0
134	26.3	12.4	37.4

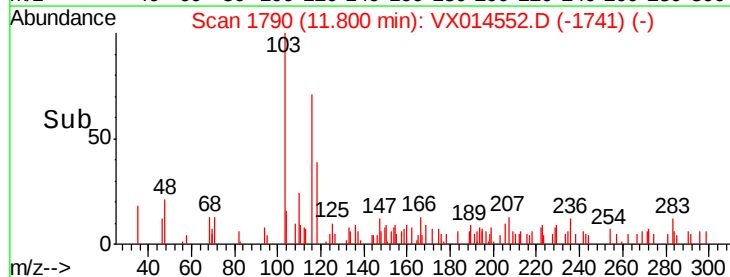
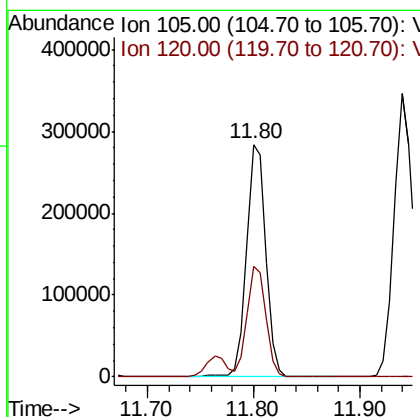
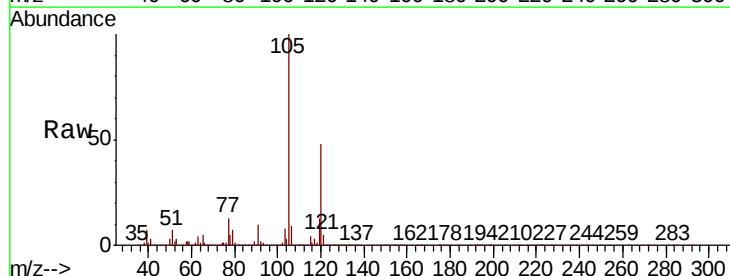
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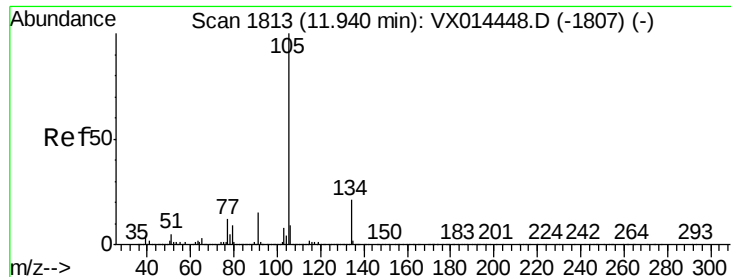
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#84
1,2,4-Trimethylbenzene
Concen: 19.970 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.1	69.3





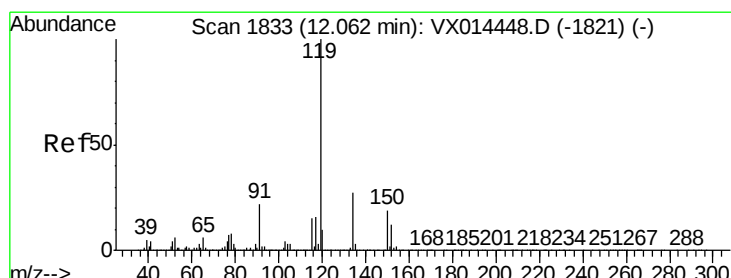
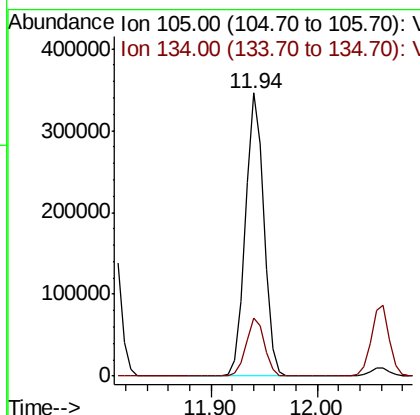
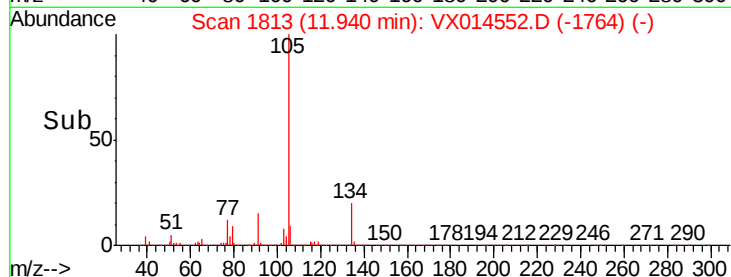
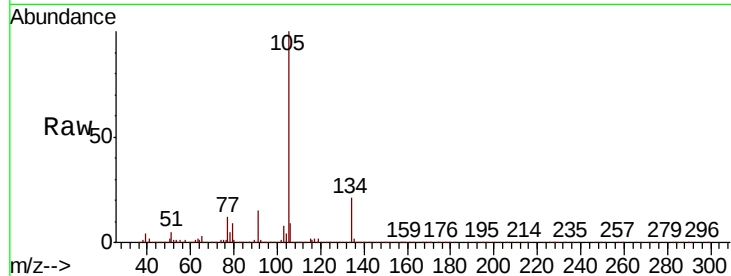
#85
 sec-Butylbenzene
 Concen: 20.060 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.5	31.5

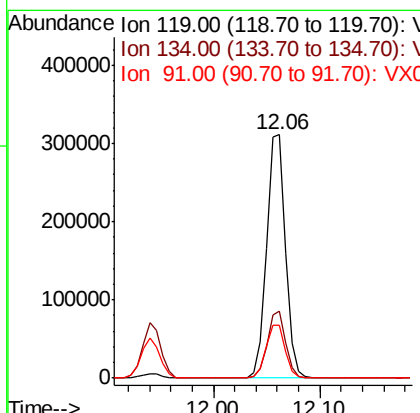
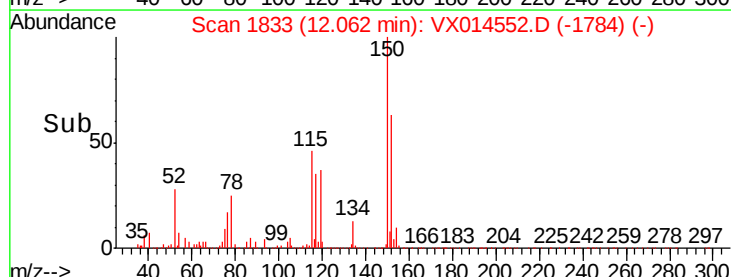
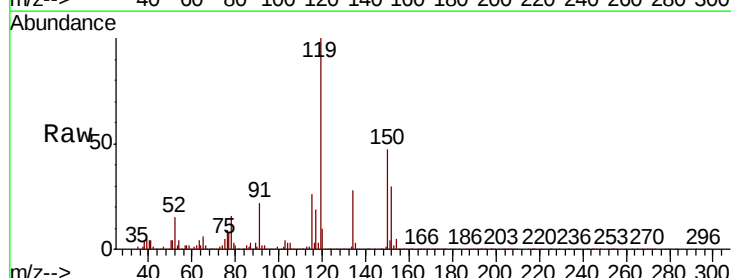
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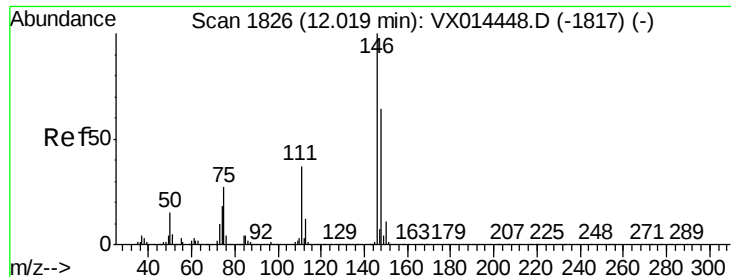
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#86
 p-Isopropyltoluene
 Concen: 19.873 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.5	40.4
91	22.3	11.1	33.3





#87

1,3-Dichlorobenzene

Concen: 18.907 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

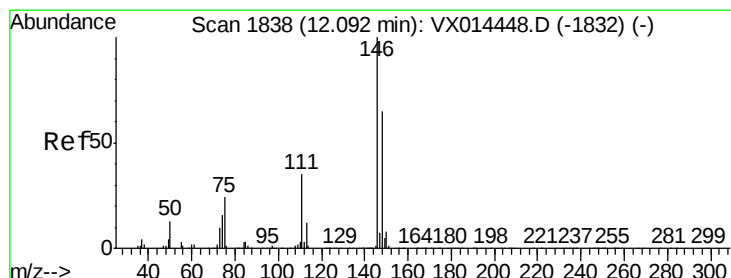
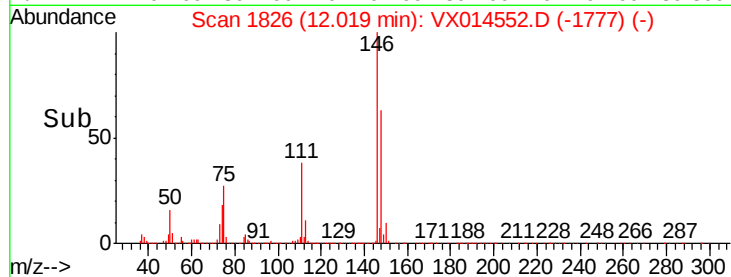
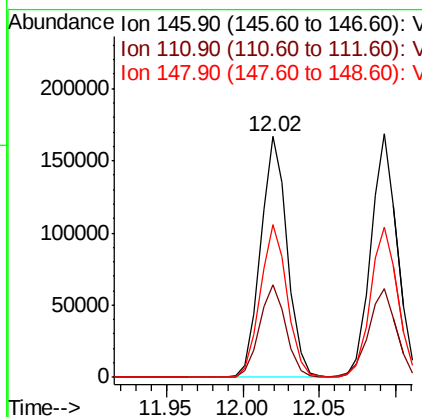
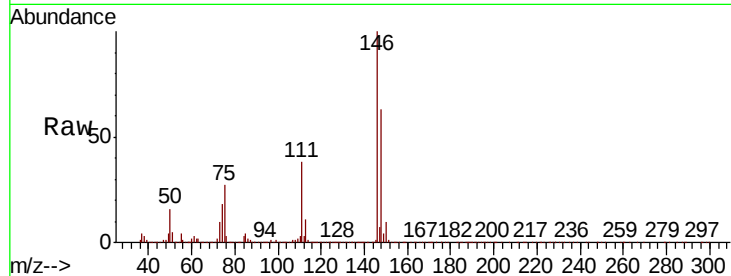
Instrument :
MSVOA_X

ClientSampleId :
VX0110WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	63.9	32.2	96.6

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#88

1,4-Dichlorobenzene

Concen: 19.580 ug/l

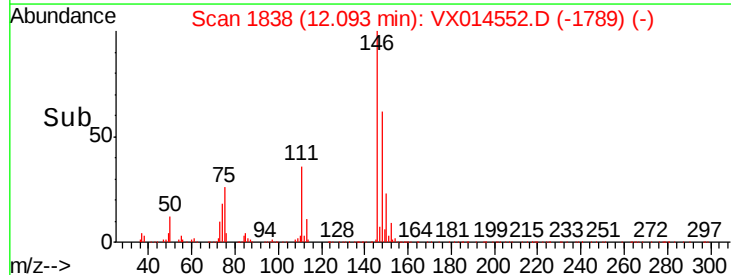
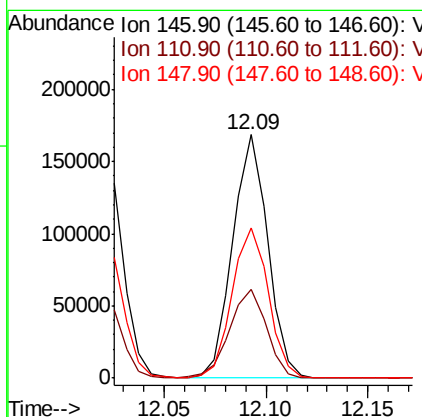
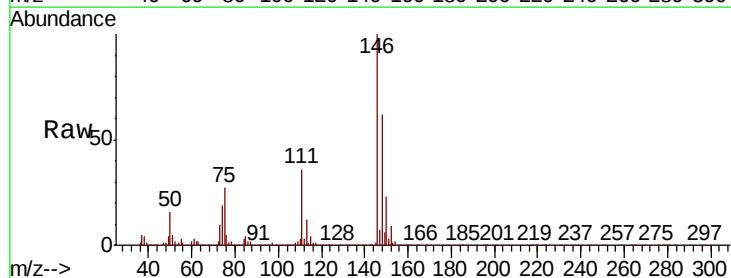
RT: 12.09 min Scan# 1838

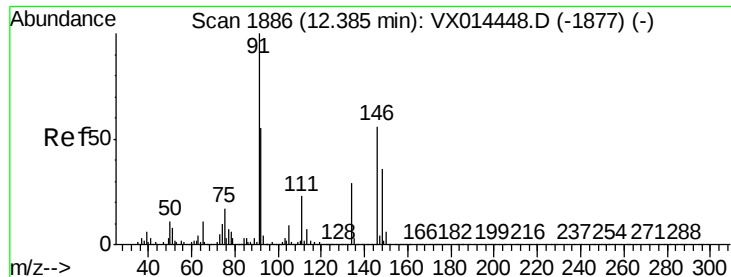
Delta R.T. 0.00 min

Lab File: VX014552.D

Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.1	54.1
148	63.8	32.1	96.3





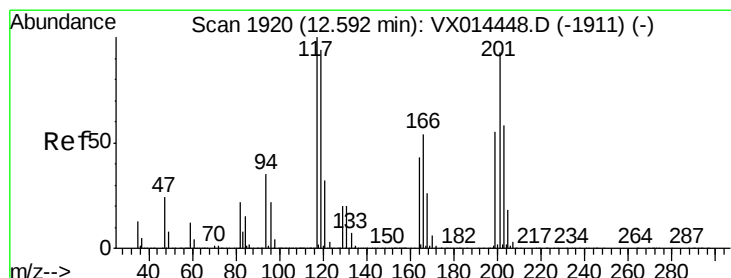
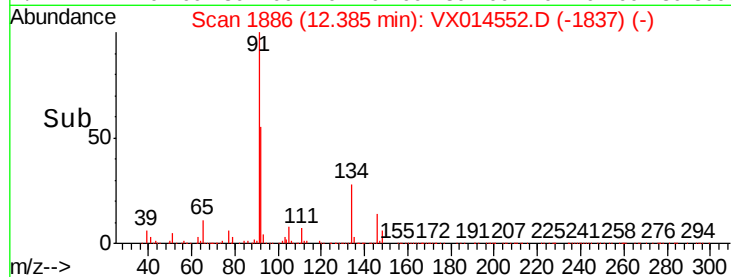
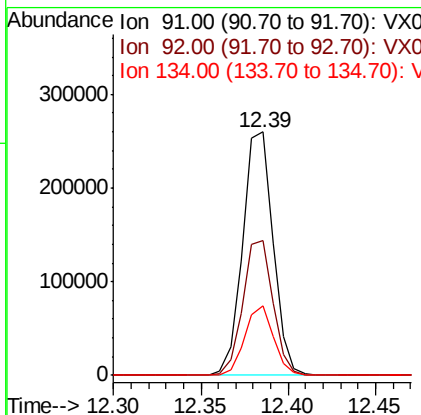
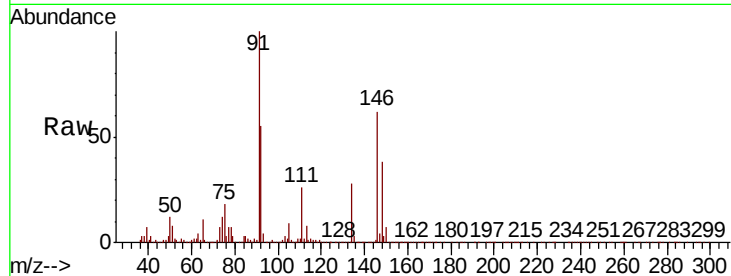
#89
n-Butylbenzene
Concen: 17.743 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.4	82.2
134	27.0	13.9	41.7

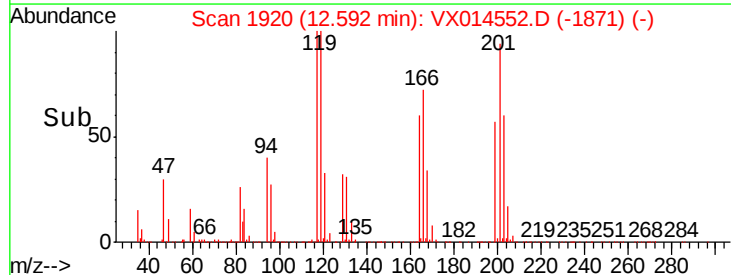
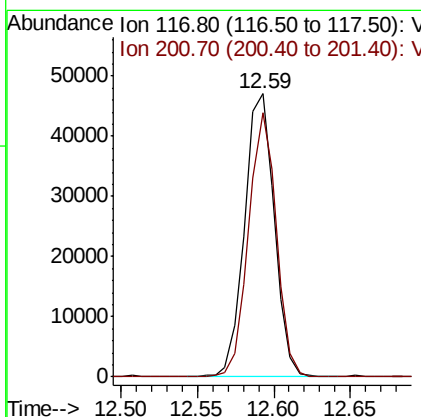
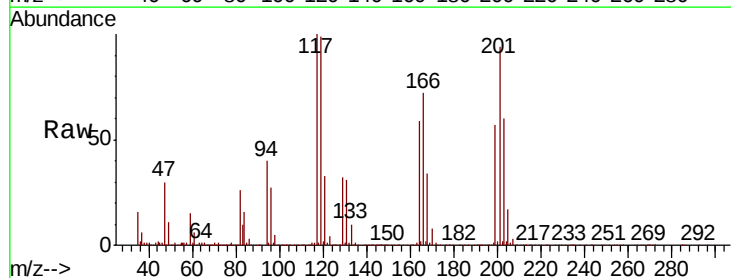
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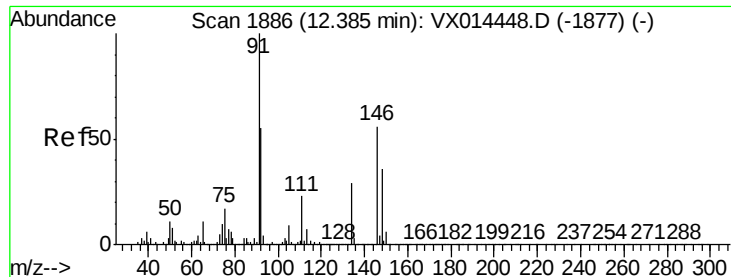
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#90
Hexachloroethane
Concen: 18.591 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.3	44.8	134.3





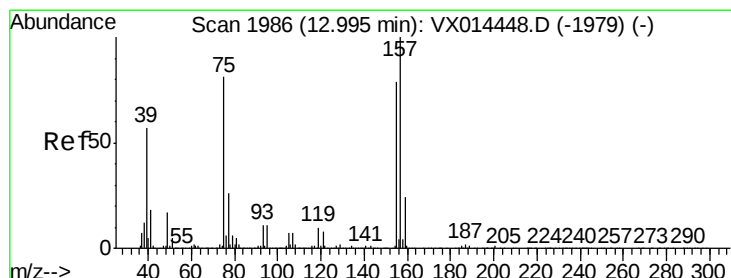
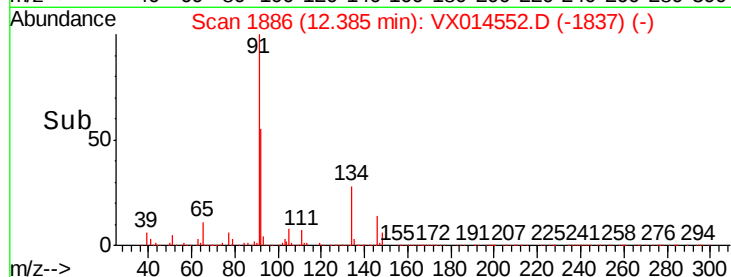
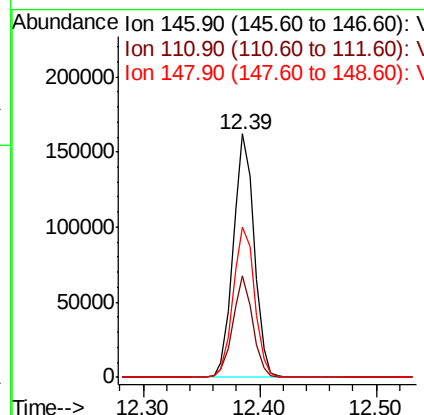
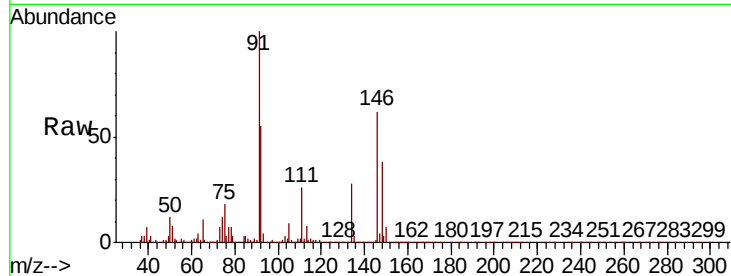
#91
 1,2-Dichlorobenzene
 Concen: 19.353 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.4
148	63.1	32.3	96.8

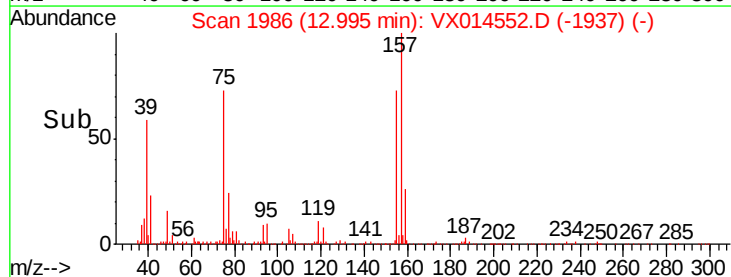
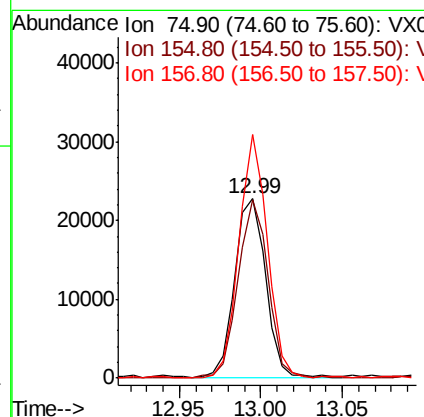
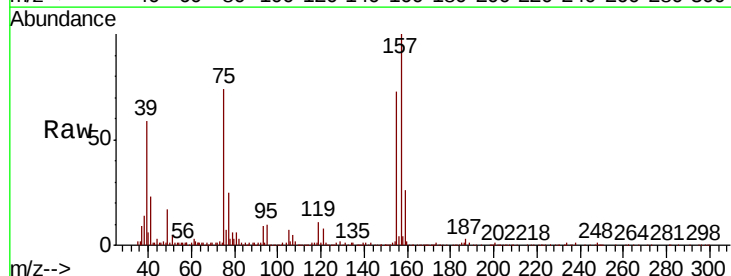
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.211 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.7	48.7	146.1
157	125.8	62.0	185.9





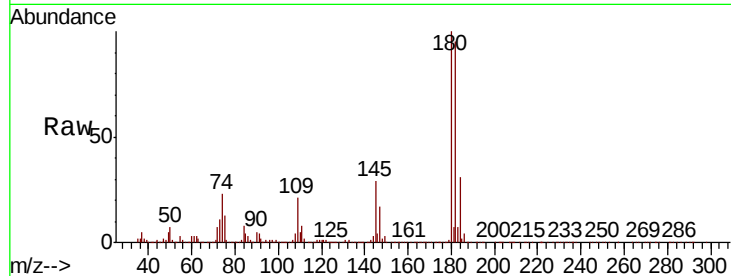
#93
 1,2,4-Trichlorobenzene
 Concen: 17.816 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Instrument :
 MSVOA_X
 ClientSampled :
 VX0110WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.3	47.5	142.5	
145	29.0	13.9	41.6	

Manual Integrations
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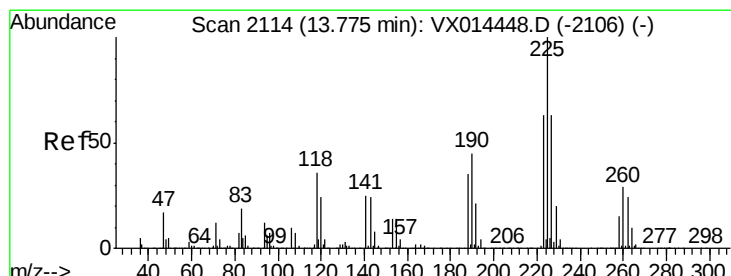
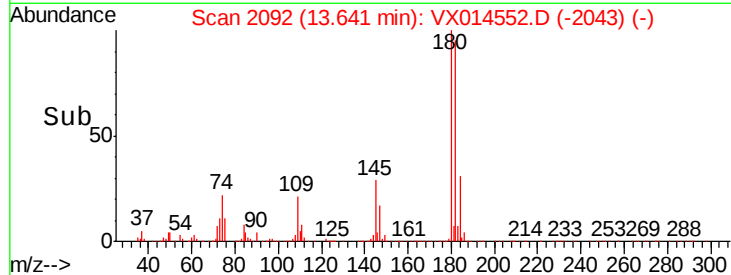
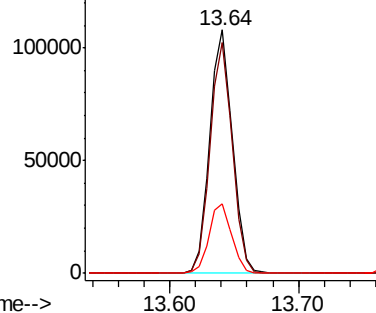


Abundance

Ion 179.80 (179.50 to 180.50): V

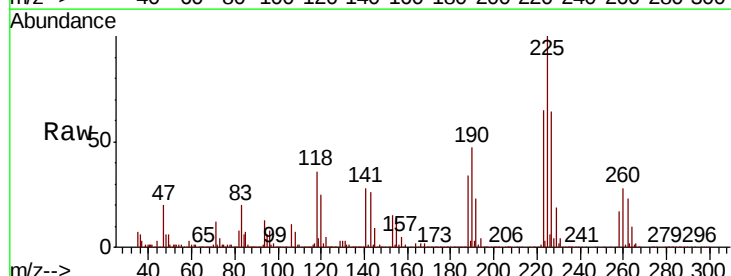
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.352 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014552.D
 Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	31.1	93.2	
227	64.8	31.4	94.2	

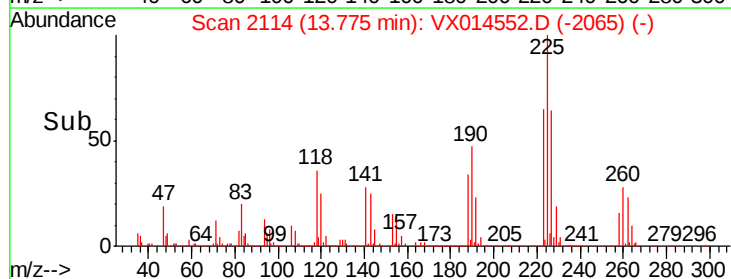
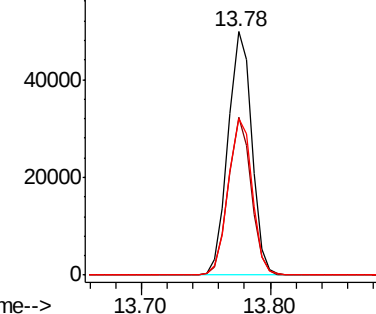


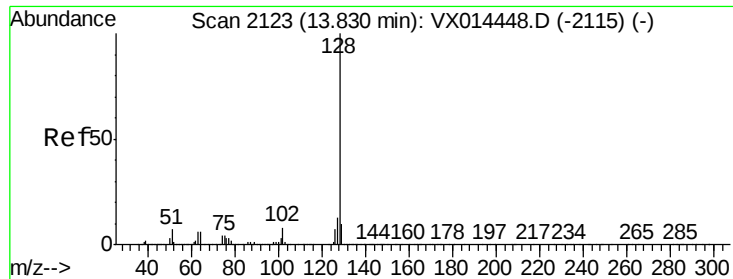
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





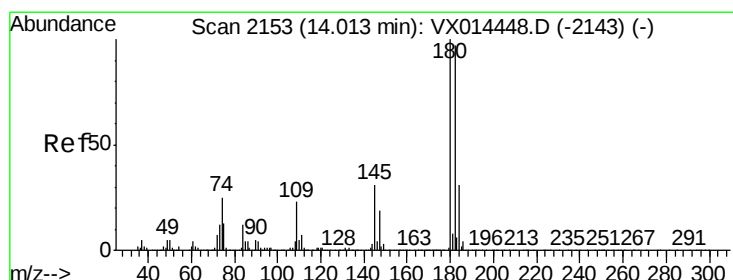
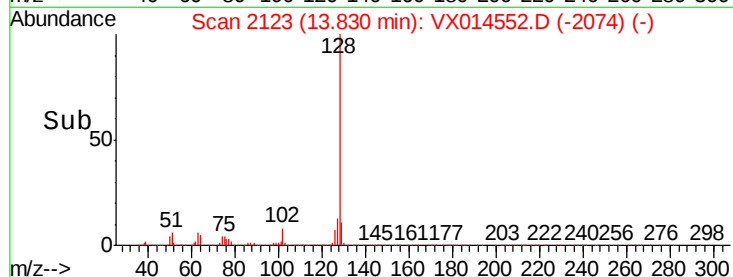
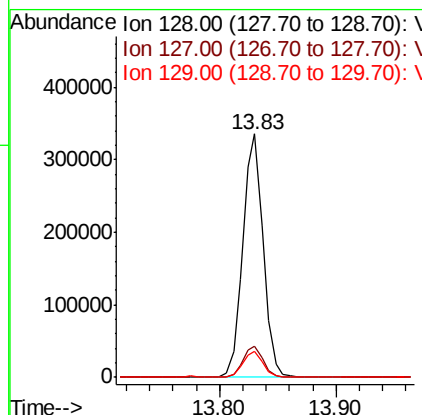
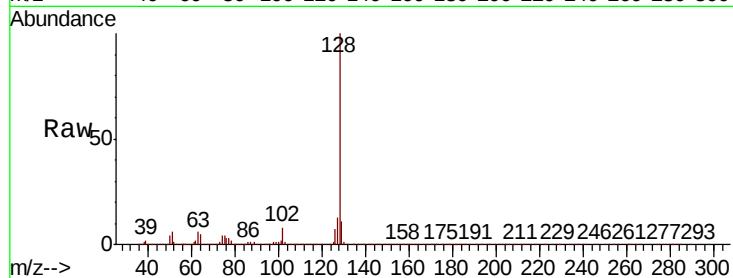
#95
Naphthalene
Concen: 17.870 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Instrument :
MSVOA_X
ClientSampled :
VX0110WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.7	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.604 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014552.D
Acq: 10 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.6
145	29.2	14.8	44.3

