

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013892.D
 Acq On : 10 Dec 2019 12:52
 Operator : JC/SP
 Sample : VX1210WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD01

Manual Integrations
 APPROVED

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 12/11/2019 2:14:02 PM

Quant Time: Dec 11 02:50:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	531049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	796916	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	723812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	354322	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	292735	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
35) Dibromofluoromethane	5.49	113	243701	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	8.71	98	907183	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
62) 4-Bromofluorobenzene	11.13	95	330052	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	106190	17.965	ug/l	97
3) Chloromethane	1.32	50	118532	17.872	ug/l	100
4) Vinyl Chloride	1.40	62	138938	18.612	ug/l	98
5) Bromomethane	1.63	94	90930	18.138	ug/l	100
6) Chloroethane	1.72	64	79437	18.700	ug/l	97
7) Trichlorofluoromethane	1.92	101	154164	18.598	ug/l	98
8) Diethyl Ether	2.18	74	73789	19.677	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	96776	19.114	ug/l	100
10) Methyl Iodide	2.50	142	102173	16.682	ug/l	99
11) Tert butyl alcohol	3.03	59	138320	90.908	ug/l	98
12) 1,1-Dichloroethene	2.36	96	90239	17.856	ug/l	98
13) Acrolein	2.28	56	109403	110.936	ug/l	97
14) Allyl chloride	2.72	41	165273	18.020	ug/l	99
15) Acrylonitrile	3.13	53	302250	96.235	ug/l	99
16) Acetone	2.43	43	297983	97.912	ug/l	99
17) Carbon Disulfide	2.56	76	225130	15.626	ug/l	99
18) Methyl Acetate	2.76	43	176360	20.810	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	331515	19.801	ug/l	98
20) Methylene Chloride	2.84	84	112146	19.181	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	100847	18.317	ug/l	99
22) Diisopropyl ether	3.84	45	351264	19.890	ug/l	96
23) Vinyl Acetate	3.80	43	1434963	97.675	ug/l	99
24) 1,1-Dichloroethane	3.69	63	186251	19.292	ug/l	99
25) 2-Butanone	4.65	43	438079	96.855	ug/l	98
26) 2,2-Dichloropropane	4.58	77	139031	17.406	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	120634	19.080	ug/l	98
28) Bromochloromethane	5.00	49	81361	21.319	ug/l	96
29) Tetrahydrofuran	5.11	42	276194	99.054	ug/l	99
30) Chloroform	5.20	83	181999	18.589	ug/l	96
31) Cyclohexane	5.57	56	165896	18.219	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	151704	18.542	ug/l	99
36) 1,1-Dichloropropene	5.79	75	134559	18.601	ug/l	99
37) Ethyl Acetate	4.82	43	161442	19.893	ug/l	99
38) Carbon Tetrachloride	5.78	117	126388	18.948	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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Manual Integrations
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 12/11/2019 2:14:02 PM

Quant Time: Dec 11 02:50:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	164502	18.397	ug/l	97
40) Benzene	6.13	78	422579	19.180	ug/l	100
41) Methacrylonitrile	5.03	41	96462	21.674	ug/l	96
42) 1,2-Dichloroethane	6.18	62	151007	20.097	ug/l	99
43) Isopropyl Acetate	6.43	43	262996	19.684	ug/l	99
44) Trichloroethene	7.20	130	111184	18.388	ug/l	95
45) 1,2-Dichloropropane	7.51	63	109021	19.777	ug/l	95
46) Dibromomethane	7.65	93	73208	19.554	ug/l	97
47) Bromodichloromethane	7.89	83	138158	19.520	ug/l	99
48) Methyl methacrylate	7.76	41	129466	19.944	ug/l	99
49) 1,4-Dioxane	7.73	88	52678	362.530	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	844241	100.456	ug/l	100
52) Toluene	8.78	92	264421	19.319	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	147454	18.303	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	169210	19.225	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	113226	20.528	ug/l	99
56) Ethyl methacrylate	9.17	69	174423	19.669	ug/l	99
57) 1,3-Dichloropropane	9.37	76	189901	19.974	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	345605	99.400	ug/l	100
59) 2-Hexanone	9.48	43	636520	97.111	ug/l	100
60) Dibromochloromethane	9.58	129	110344	19.277	ug/l	98
61) 1,2-Dibromoethane	9.67	107	113509	19.268	ug/l	98
64) Tetrachloroethene	9.33	164	108178	20.041	ug/l	95
65) Chlorobenzene	10.14	112	287136	19.107	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	105237	19.501	ug/l	99
67) Ethyl Benzene	10.25	91	498909	19.320	ug/l	99
68) m/p-Xylenes	10.35	106	373592	37.787	ug/l	99
69) o-Xylene	10.70	106	185401	19.228	ug/l	99
70) Styrene	10.71	104	309987	19.111	ug/l	99
71) Bromoform	10.85	173	82936	18.575	ug/l	100
73) Isopropylbenzene	11.01	105	491936	19.793	ug/l	99
74) N-amyl acetate	10.89	43	222171	19.514	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	179656	20.843	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	161675m	20.287	ug/l	
77) Bromobenzene	11.25	156	128737	19.173	ug/l	99
78) n-propylbenzene	11.35	91	554314	19.979	ug/l	100
79) 2-Chlorotoluene	11.42	91	331013	19.888	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	408456	20.051	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50870	17.463	ug/l	94
82) 4-Chlorotoluene	11.51	91	372424	19.320	ug/l	99
83) tert-Butylbenzene	11.77	119	402116	19.424	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	409214	19.794	ug/l	100
85) sec-Butylbenzene	11.94	105	470747	19.908	ug/l	100
86) p-Isopropyltoluene	12.06	119	431556	19.618	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	220438	18.834	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	227006	19.041	ug/l	99
89) n-Butylbenzene	12.38	91	365034	19.456	ug/l	99
90) Hexachloroethane	12.59	117	74063	18.626	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	223045	19.287	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	34597	18.432	ug/l	98

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Instrument :
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ClientSampleId :
VX1210WBSD01

Manual Integrations
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Quant Time: Dec 11 02:50:56 2019
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	147889	18.349	ug/l	99
94) Hexachlorobutadiene	13.77	225	74091	19.137	ug/l	98
95) Naphthalene	13.83	128	448701	18.695	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	150370	18.843	ug/l	99

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

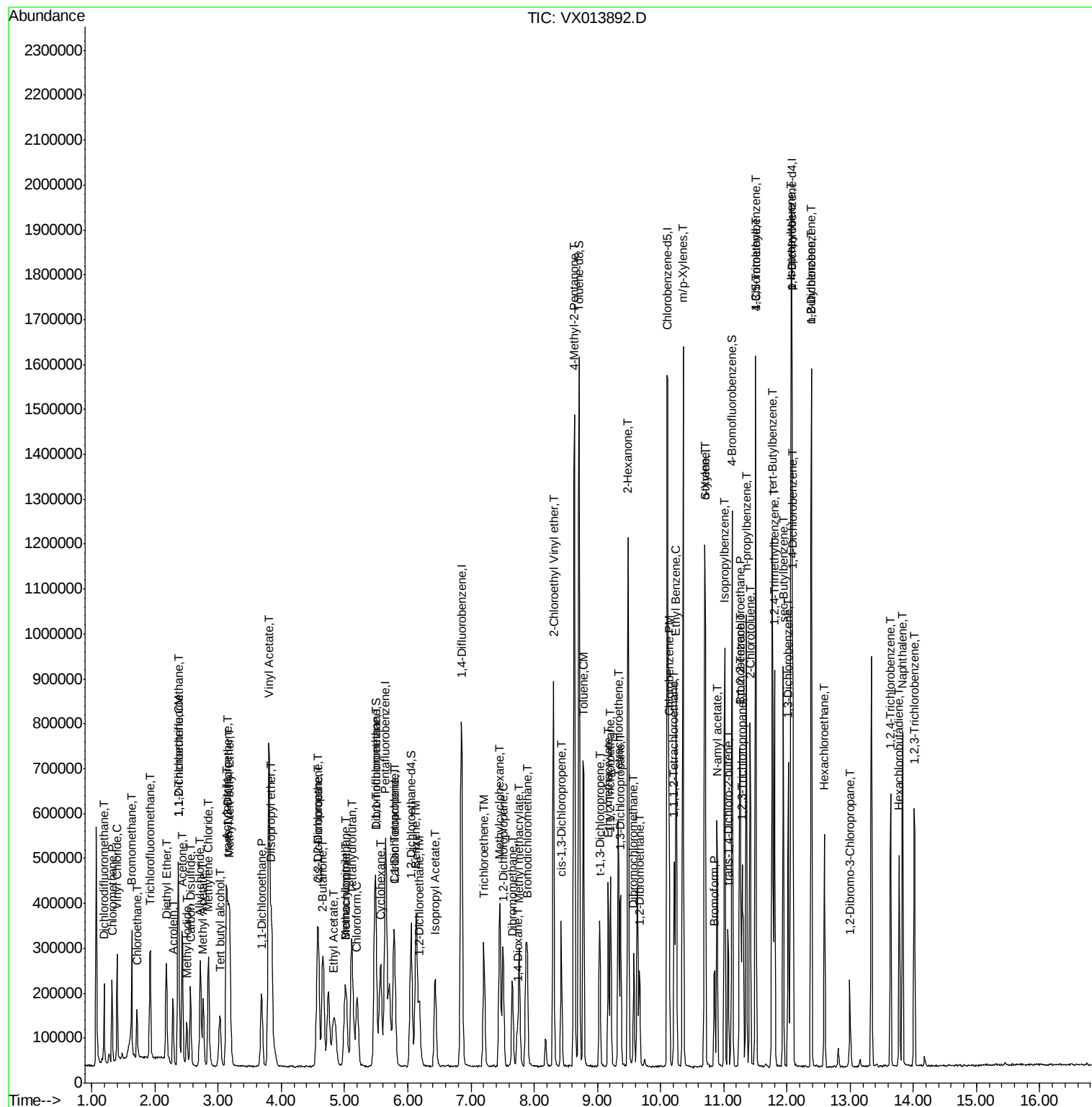
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Data File : VX013892.D
Acq On : 10 Dec 2019 12:52
Operator : JC/SP
Sample : VX1210WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

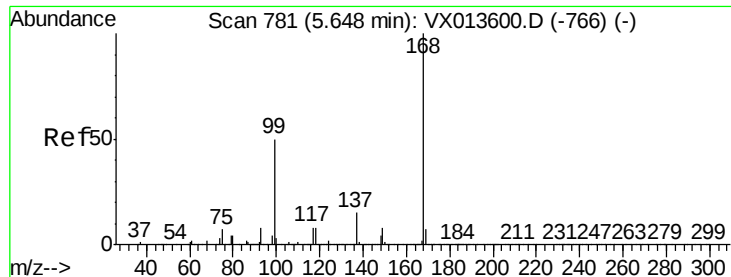
Instrument :
MSVOA_X
ClientSampleID :
VX1210WBSD01

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
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#1

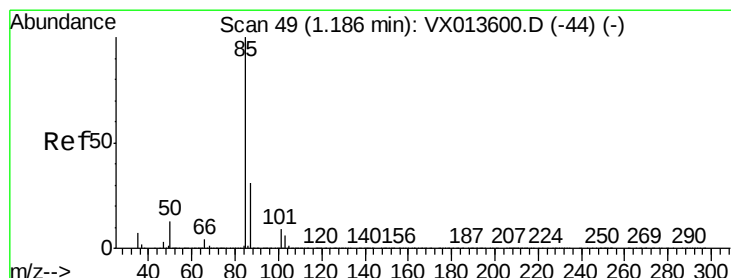
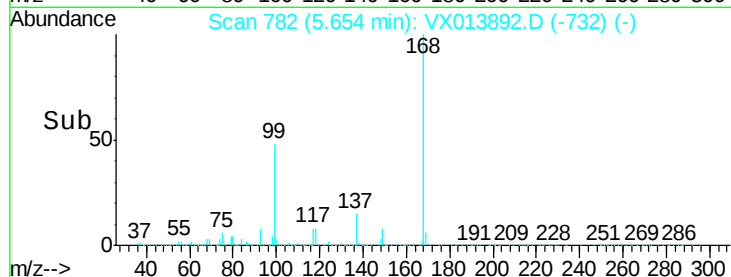
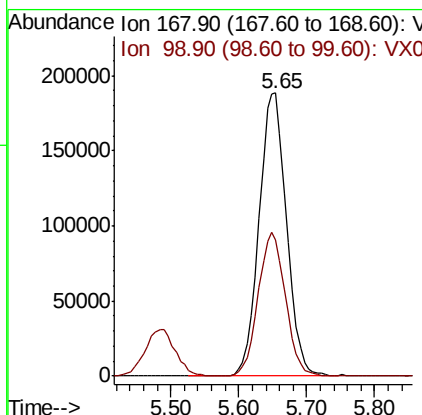
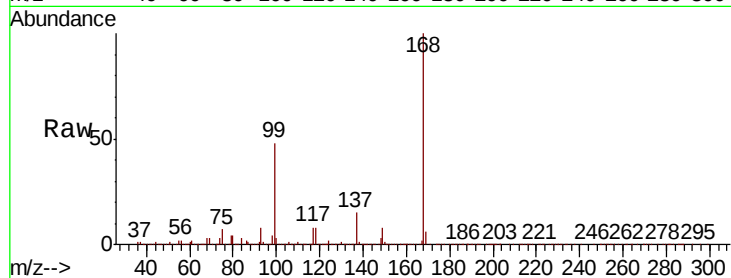
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.8	39.8	59.8

Manual Integrations
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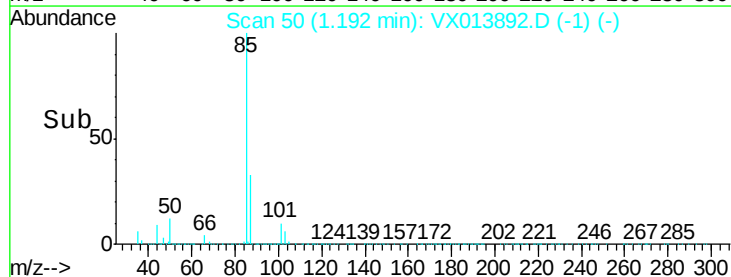
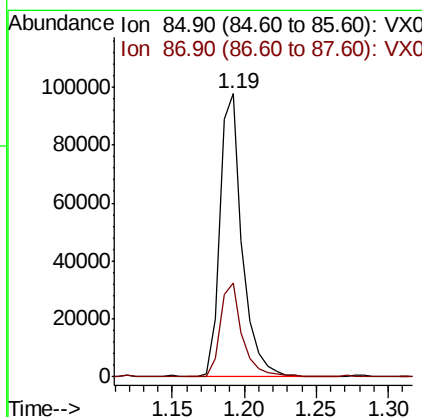
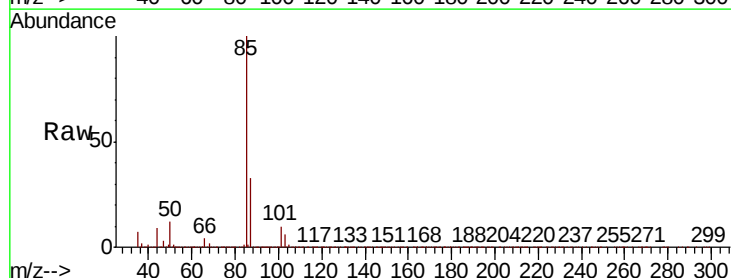
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12/11/2019 2:14:02 PM

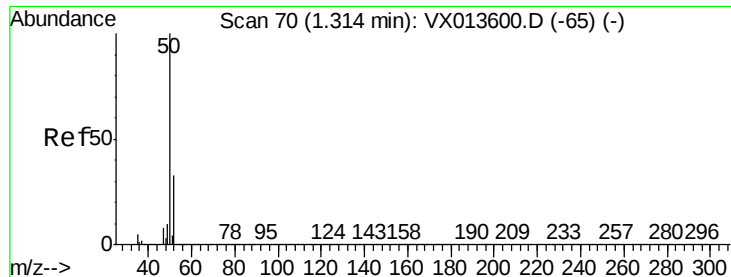


#2

Dichlorodifluoromethane
Concen: 17.965 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	15.7	47.1





#3

Chloromethane

Concen: 17.872 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion: 50 Resp: 118532

Ion Ratio Lower Upper

50 100

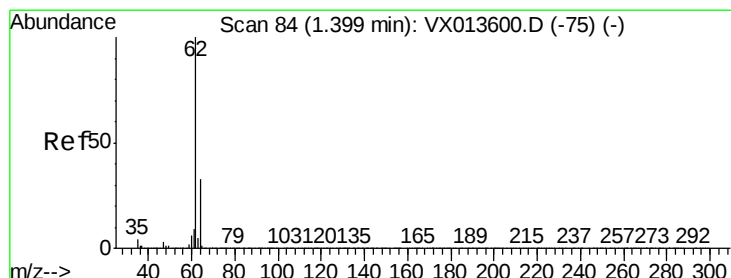
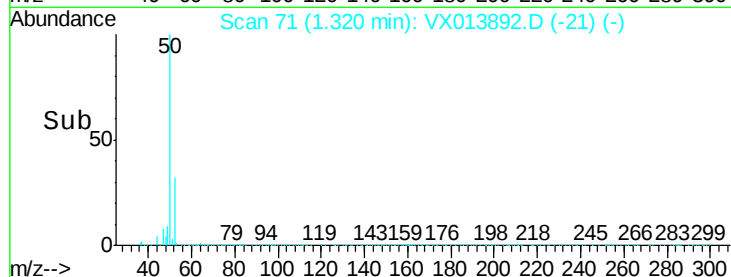
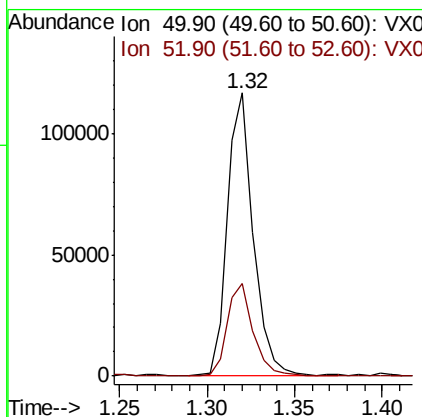
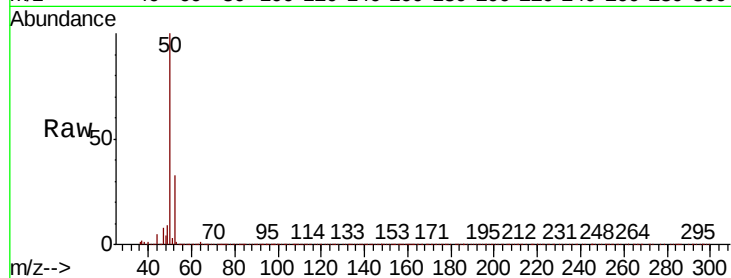
52 32.5 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.612 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013892.D

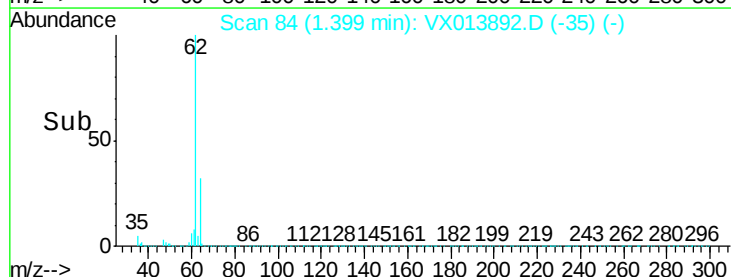
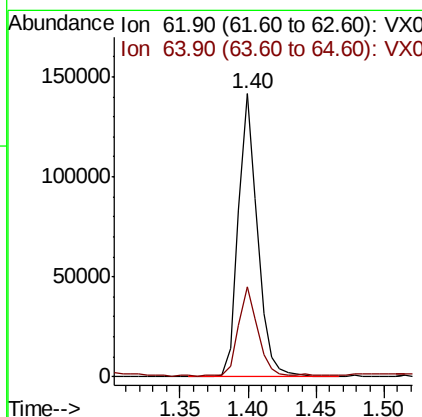
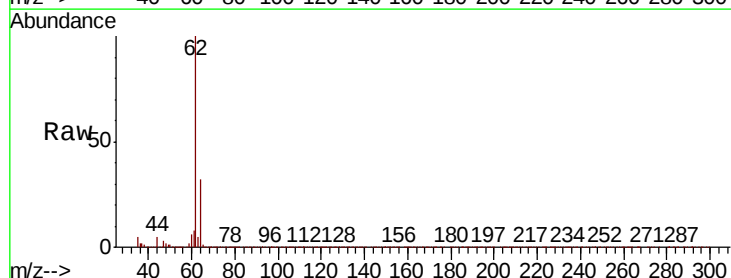
Acq: 10 Dec 2019 12:52

Tgt Ion: 62 Resp: 138938

Ion Ratio Lower Upper

62 100

64 31.4 26.0 39.0





#5

Bromomethane

Concen: 18.138 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion: 94 Resp: 90930

Ion Ratio Lower Upper

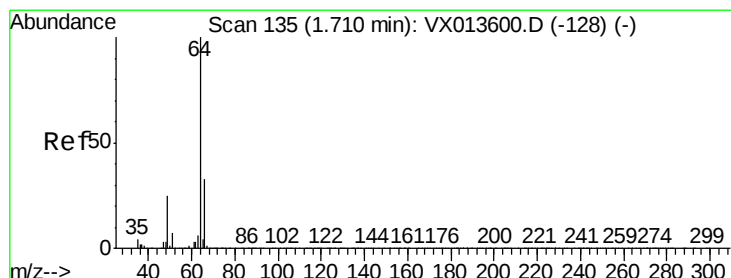
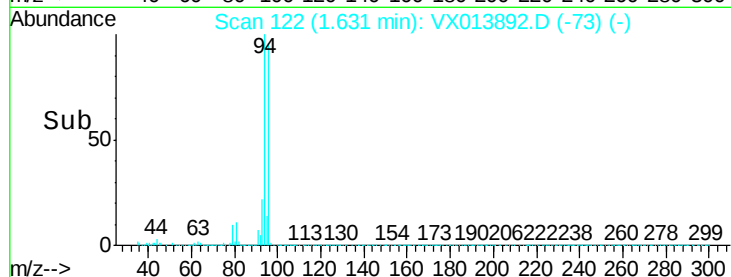
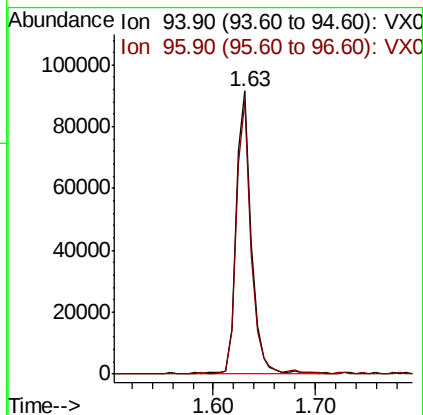
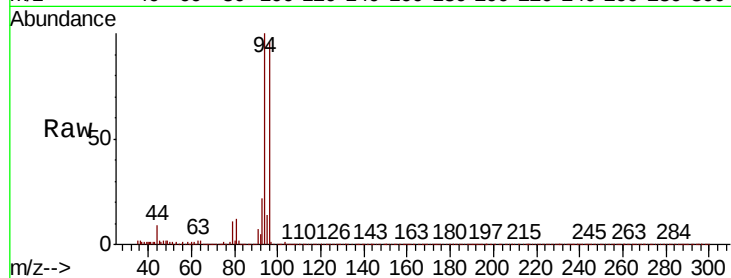
94 100

96 96.2 77.0 115.4

Manual Integrations
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#6

Chloroethane

Concen: 18.700 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013892.D

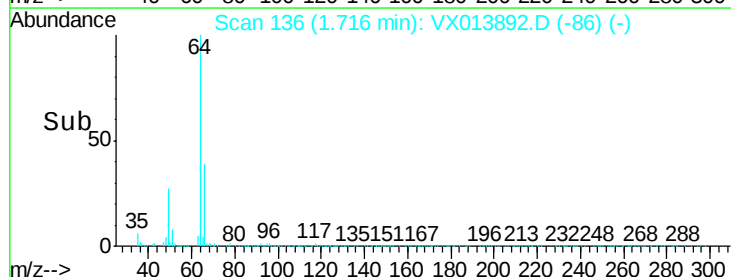
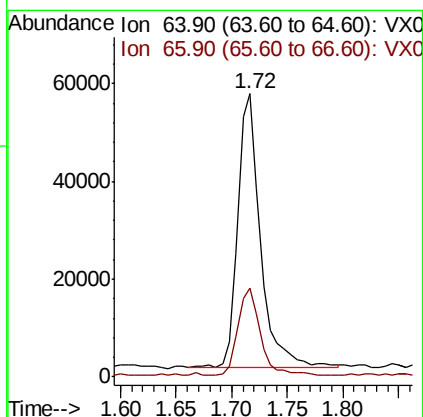
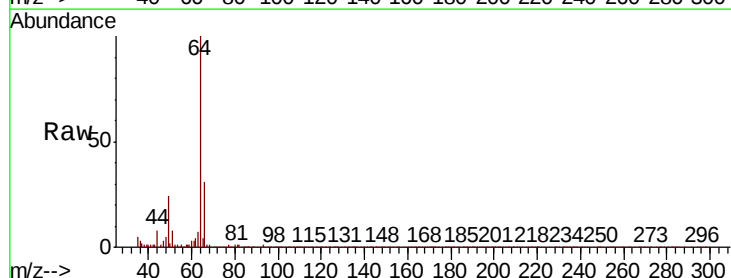
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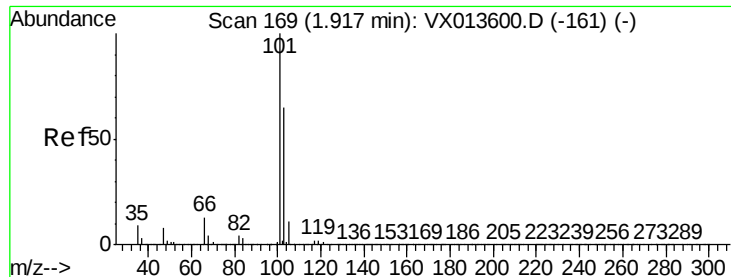
Tgt Ion: 64 Resp: 79437

Ion Ratio Lower Upper

64 100

66 31.8 26.7 40.1





#7

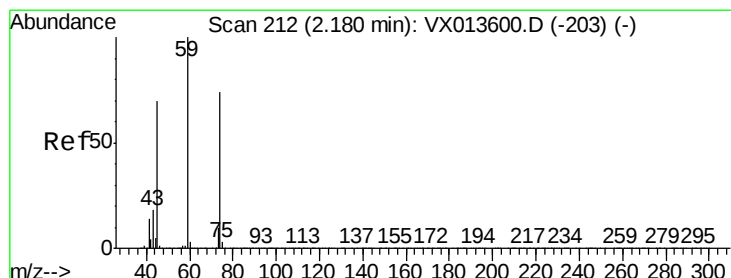
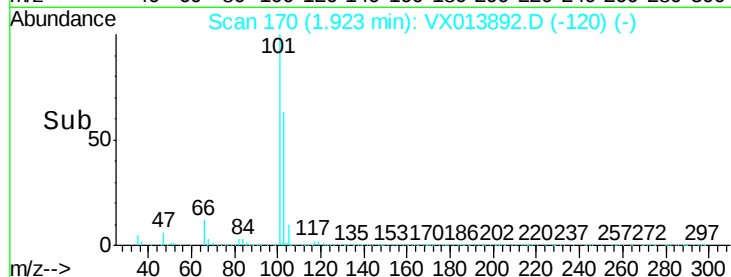
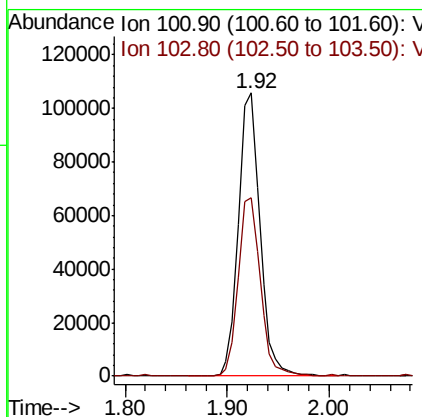
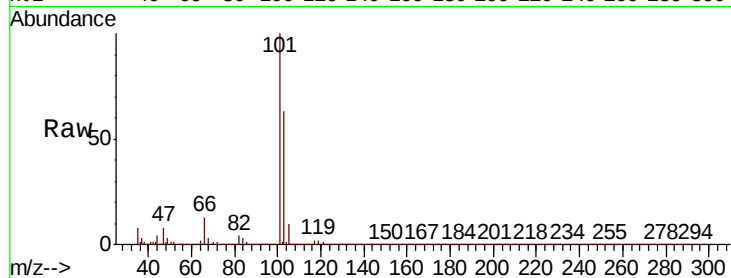
Trichlorofluoromethane
Concen: 18.598 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.7	51.8	77.6

Manual Integrations
APPROVED

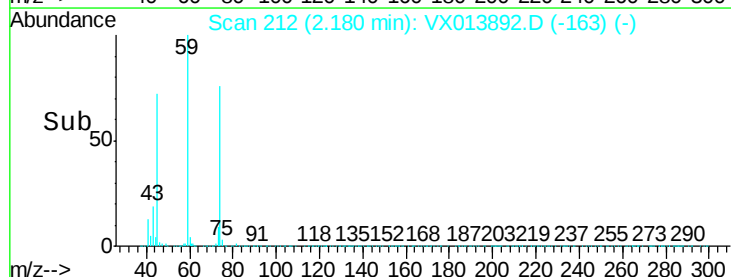
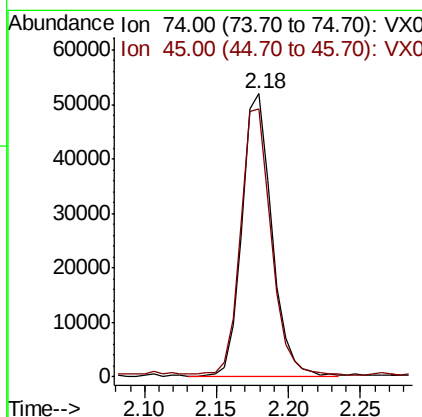
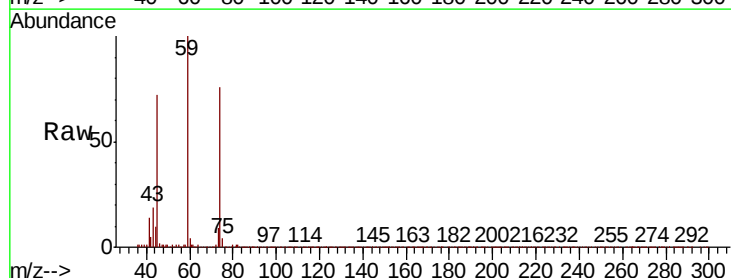
apatel
12/11/2019 2:14:02 PM

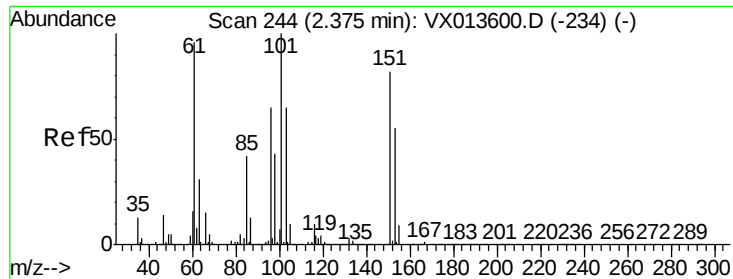


#8

Diethyl Ether
Concen: 19.677 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.4	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.114 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Instrument :

MSVOA_X

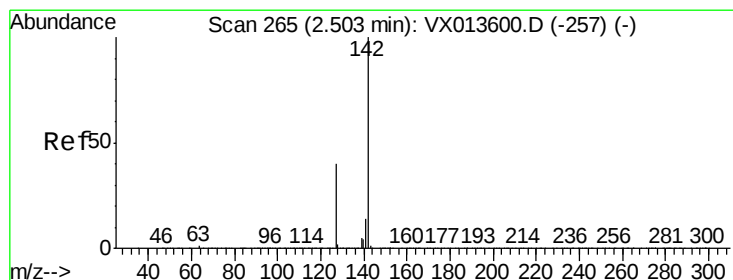
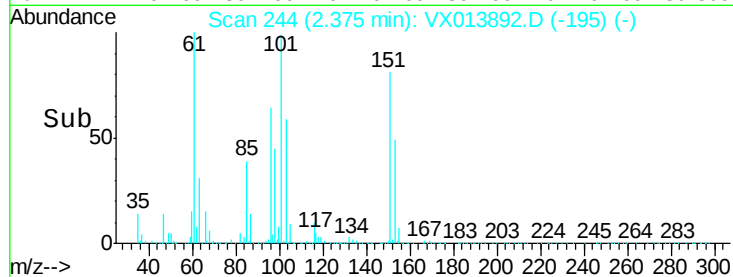
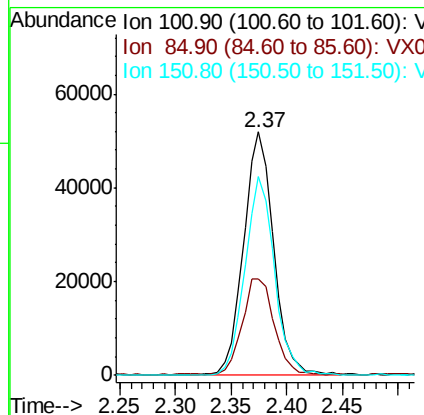
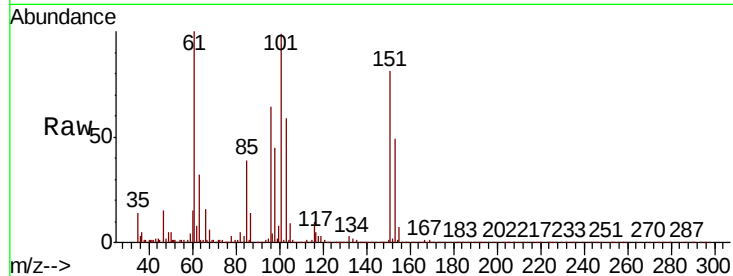
ClientSampleId :

VX1210WBSD01

Tot Ion:	101	Resp:	96776
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.9	50.9
151	80.2	64.2	96.2

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#10

Methyl Iodide

Concen: 16.682 ug/l

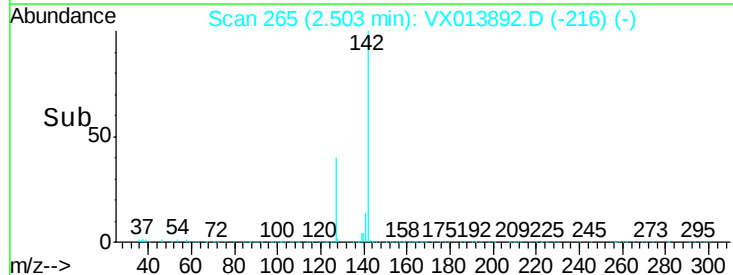
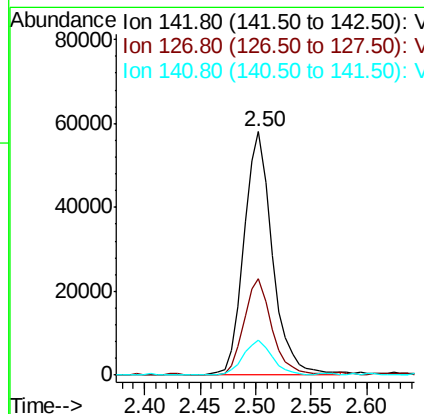
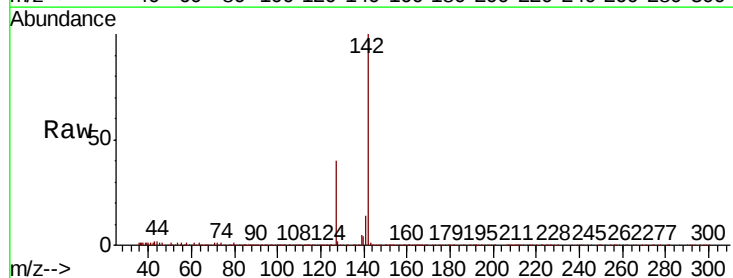
RT: 2.50 min Scan# 265

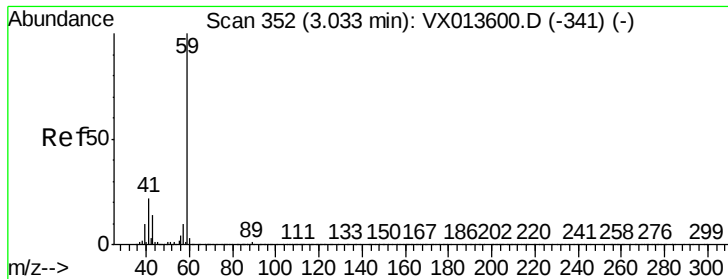
Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Tgt Ion:	142	Resp:	102173
Ion Ratio	Lower	Upper	
142	100		
127	39.4	31.0	46.4
141	14.3	11.6	17.4





#11

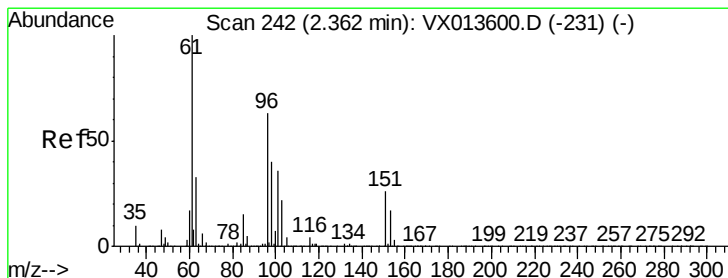
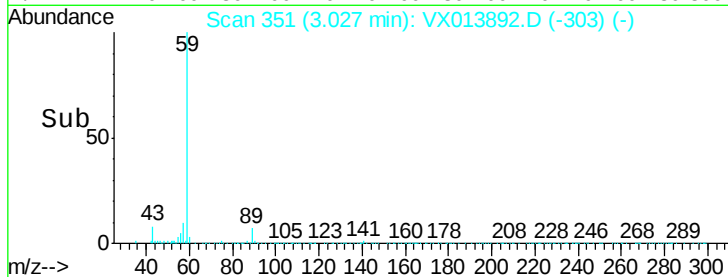
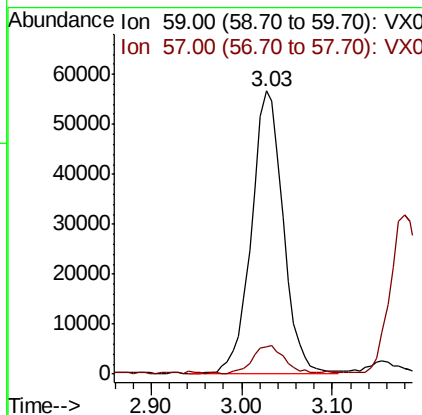
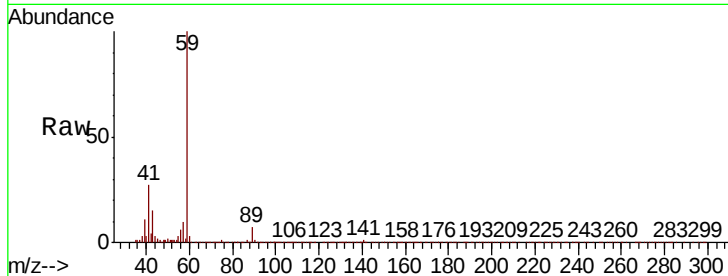
Tert butyl alcohol
Concen: 90.908 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	7.8	11.6

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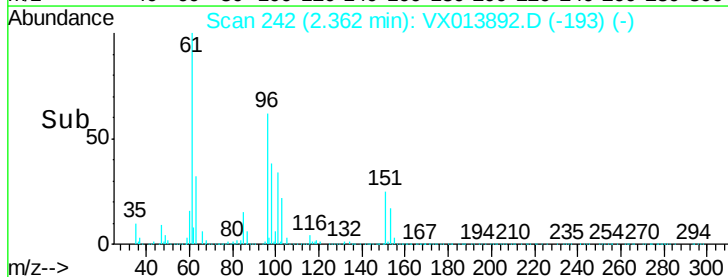
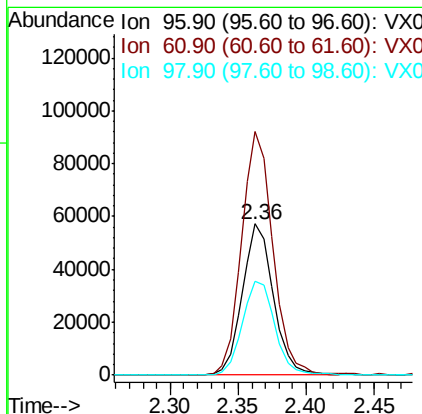
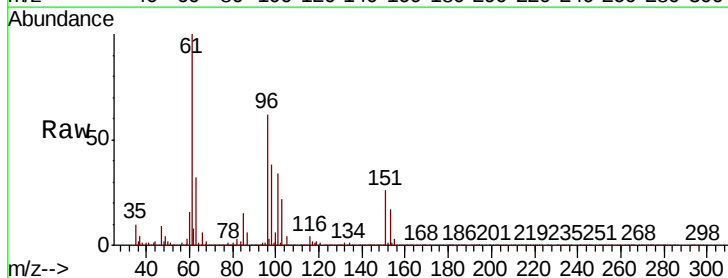
apatel
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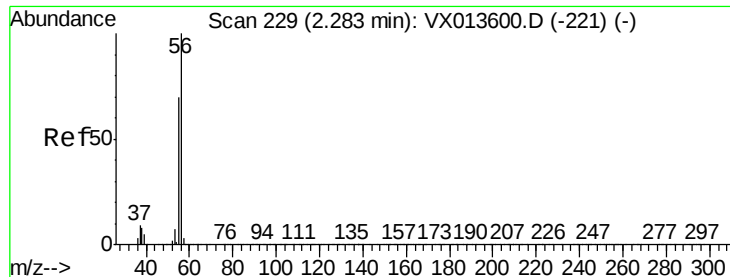


#12

1,1-Dichloroethene
Concen: 17.856 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.0	126.6	190.0
98	61.9	50.6	76.0





#13

Acrolein

Concen: 110.936 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion: 56 Resp: 109403

Ion Ratio Lower Upper

56 100

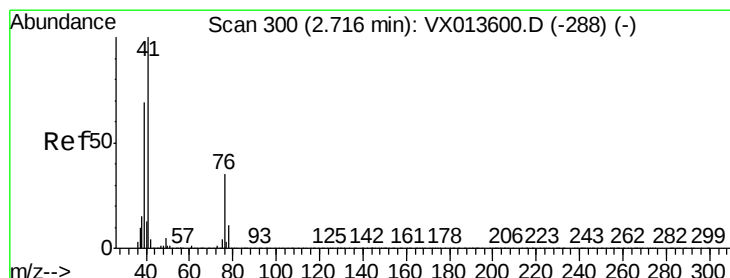
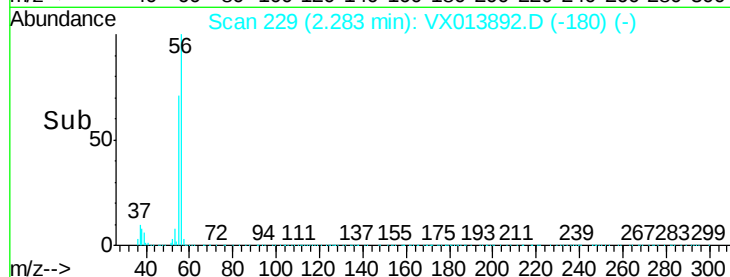
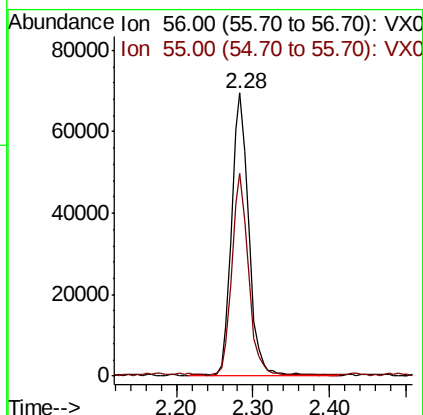
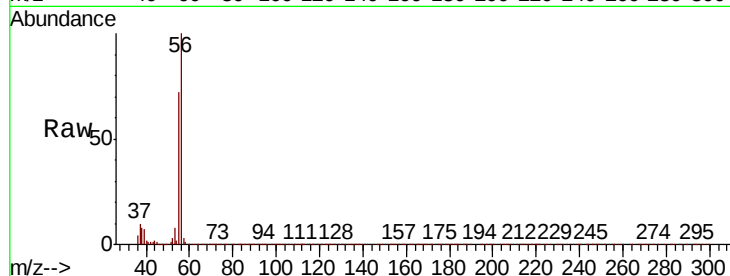
55 67.5 56.2 84.4

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#14

Allyl chloride

Concen: 18.020 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

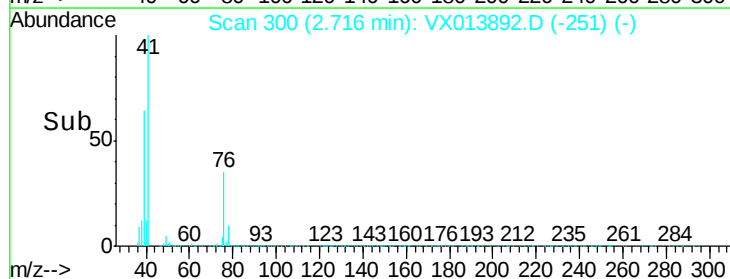
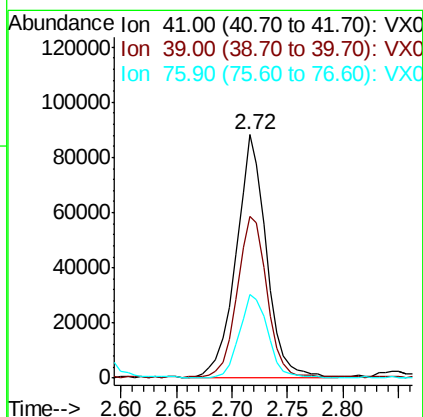
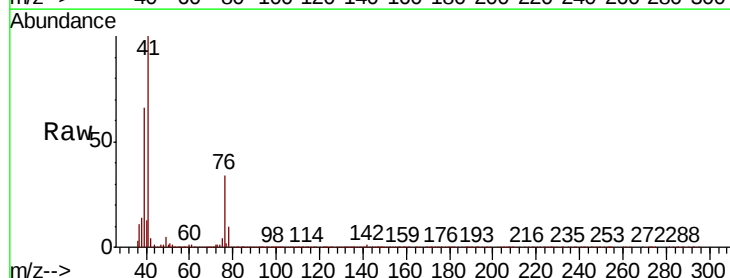
Tgt Ion: 41 Resp: 165273

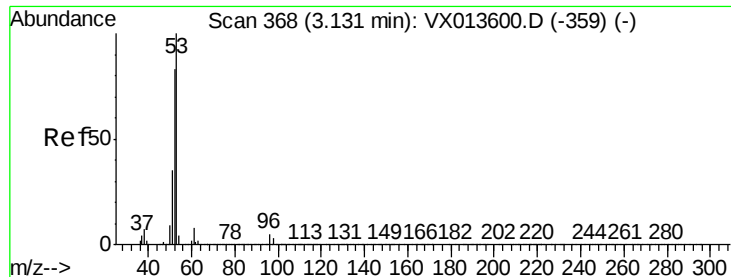
Ion Ratio Lower Upper

41 100

39 65.0 51.7 77.5

76 32.2 25.9 38.9





#15

Acrylonitrile

Concen: 96.235 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Instrument :

MSVOA_X

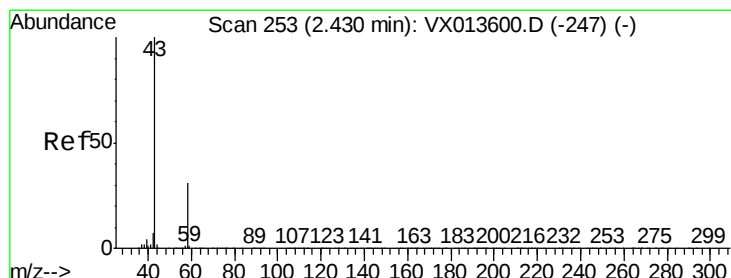
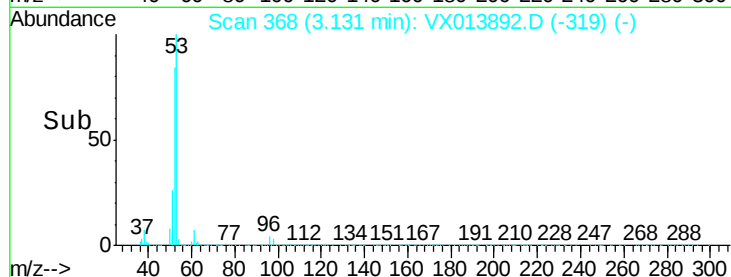
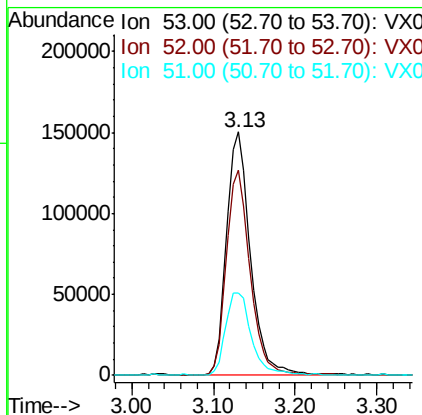
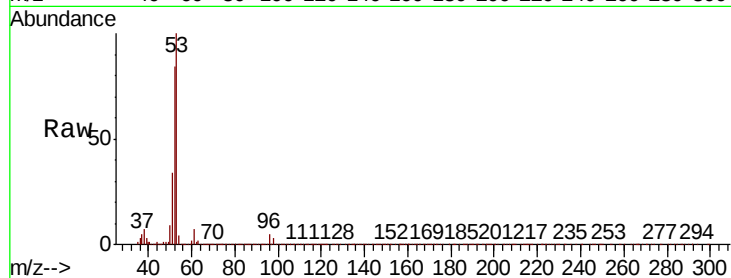
ClientSampleId :

VX1210WBSD01

Tot Ion:	53	Resp:	302250
Ion Ratio		Lower	Upper
53	100		
52	84.1	66.2	99.2
51	36.6	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 97.912 ug/l

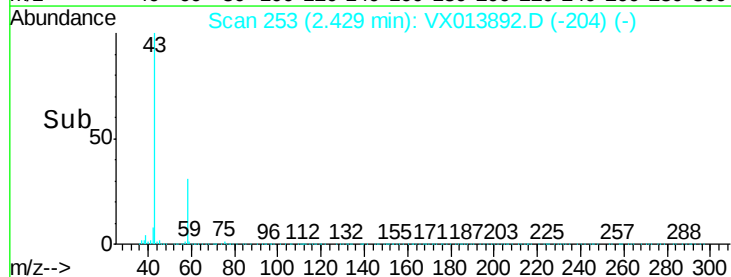
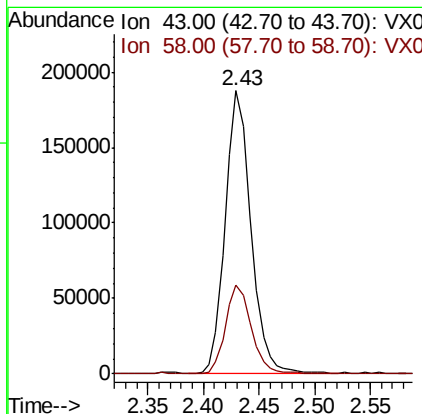
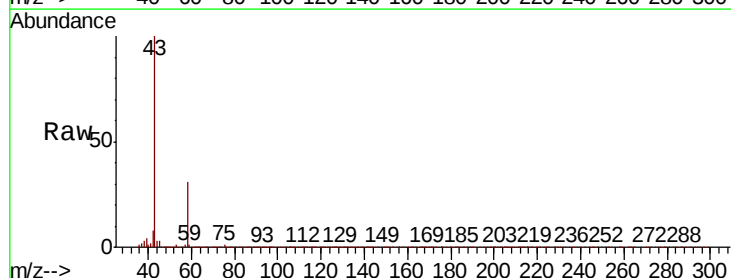
RT: 2.43 min Scan# 253

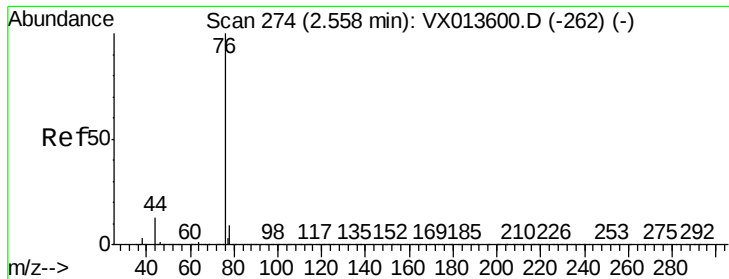
Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Tgt Ion:	43	Resp:	297983
Ion Ratio		Lower	Upper
43	100		
58	31.3	24.6	36.8





#17

Carbon Disulfide

Concen: 15.626 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion: 76 Resp: 225130

Ion Ratio Lower Upper

76 100

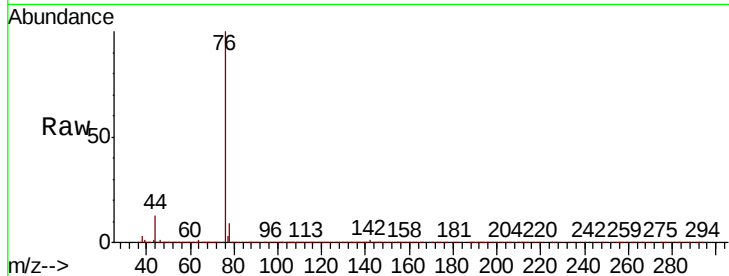
78 9.2 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

100000

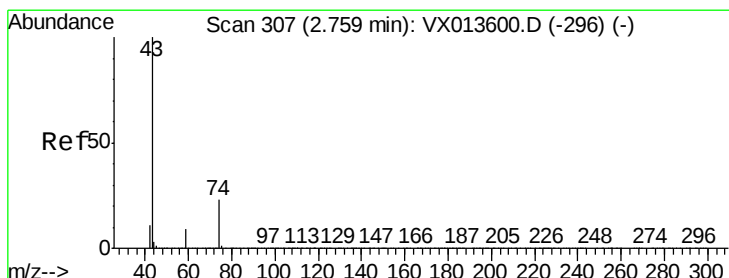
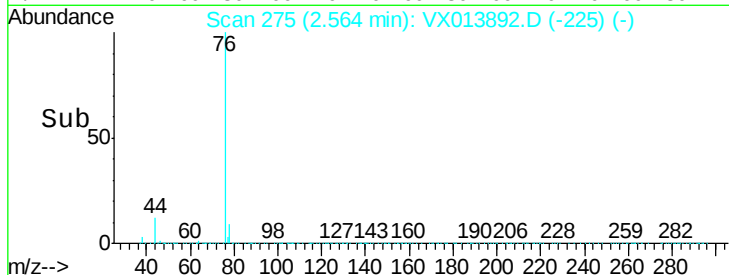
50000

0

2.56

2.40 2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 20.810 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013892.D

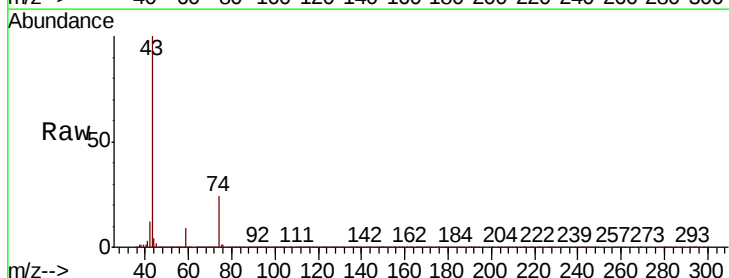
Acq: 10 Dec 2019 12:52

Tgt Ion: 43 Resp: 176360

Ion Ratio Lower Upper

43 100

74 24.4 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

40000

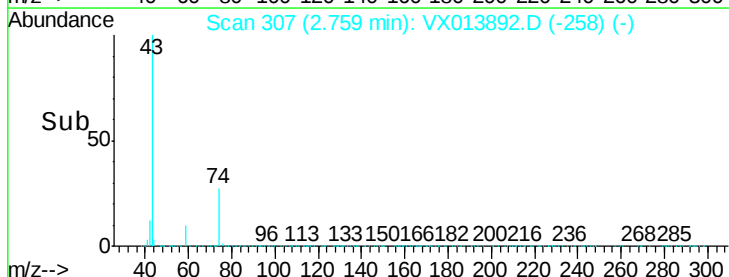
20000

0

2.76

2.70 2.80

Time-->





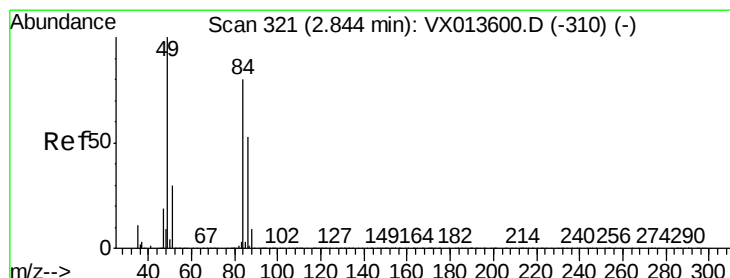
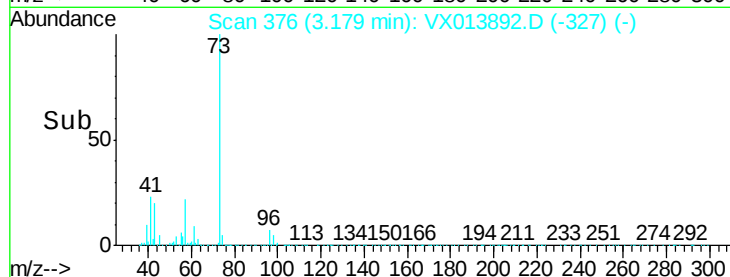
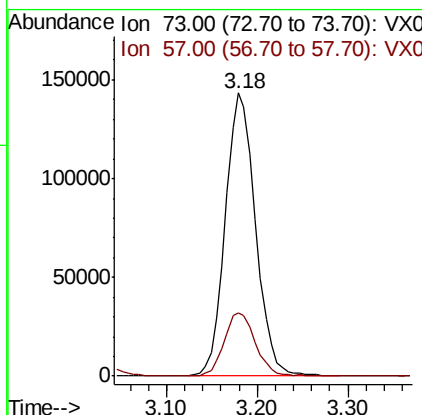
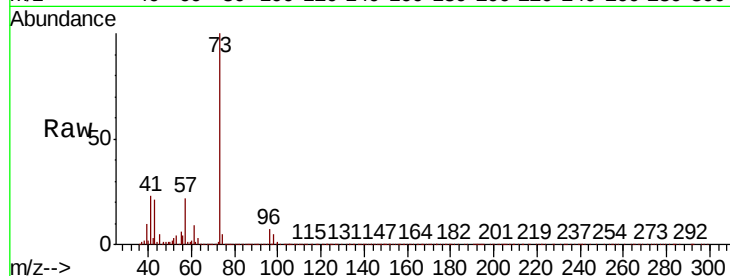
#19
Methvl tert-butvl Ether
Concen: 19.801 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	18.3	27.5

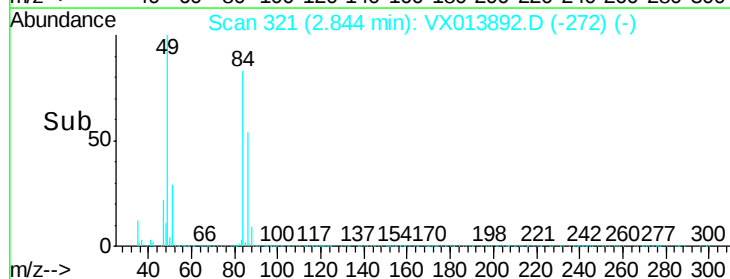
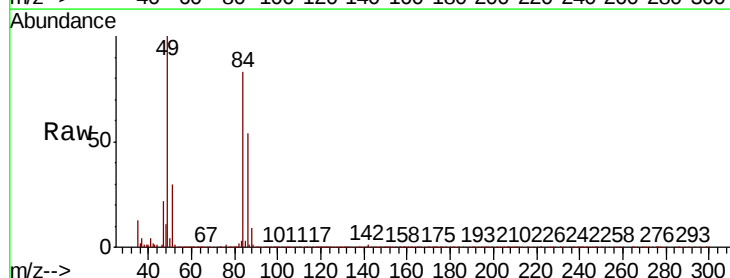
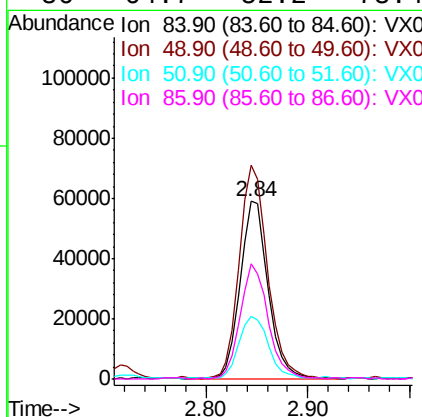
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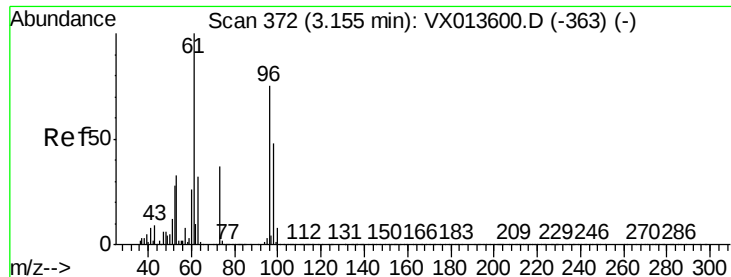
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#20
Methylene Chloride
Concen: 19.181 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.6	99.7	149.5
51	35.2	29.9	44.9
86	64.7	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 18.317 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Instrument :

MSVOA_X

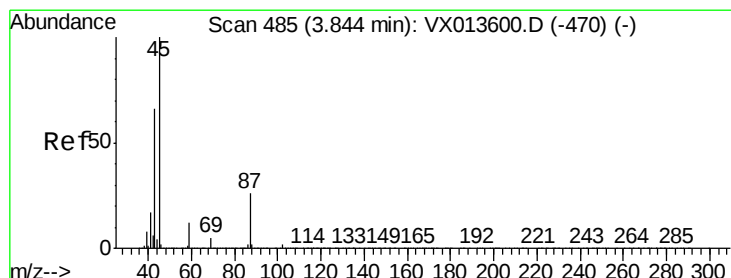
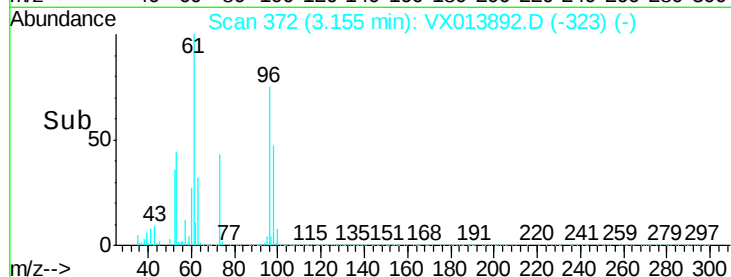
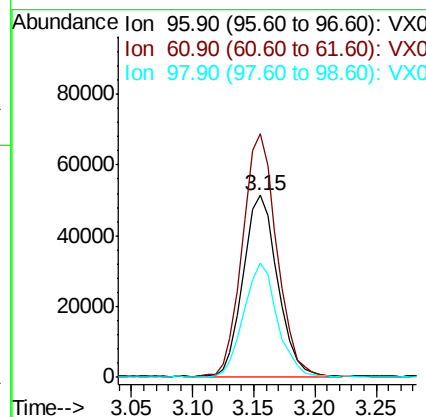
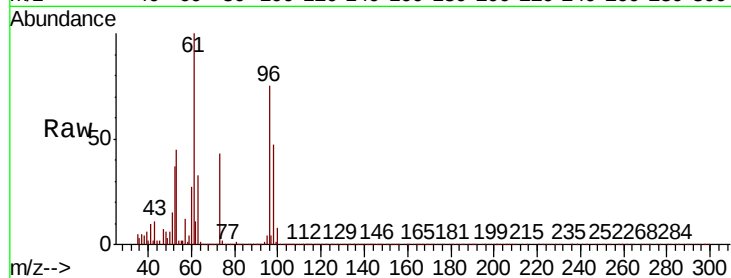
ClientSampleId :

VX1210WBSD01

Tot Ion:	96	Resp:	100847
Ion	Ratio	Lower	Upper
96	100		
61	133.6	107.2	160.8
98	62.7	51.4	77.0

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#22

Diisopropyl ether

Concen: 19.890 ug/l

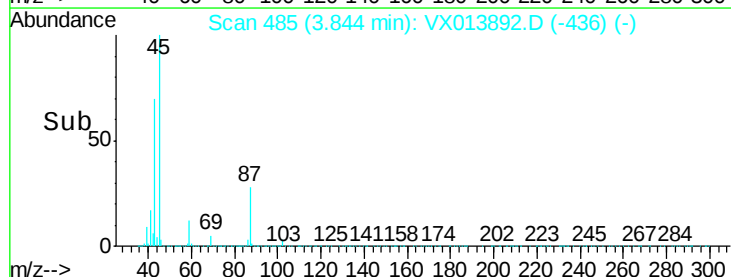
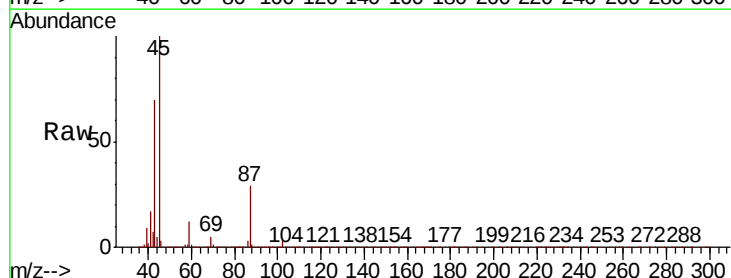
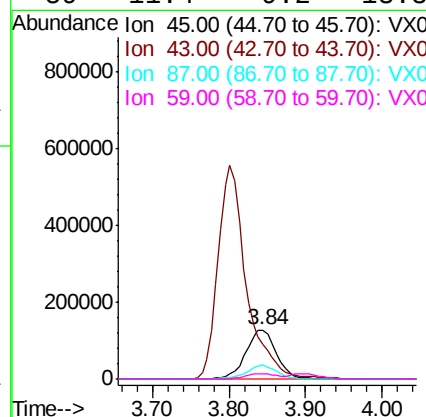
RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Tgt Ion:	45	Resp:	351264
Ion	Ratio	Lower	Upper
45	100		
43	69.9	52.6	79.0
87	28.4	21.1	31.7
59	11.4	9.2	13.8





#23

Vinyl Acetate

Concen: 97.675 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion: 43 Resp: 1434963

Ion Ratio Lower Upper

43 100

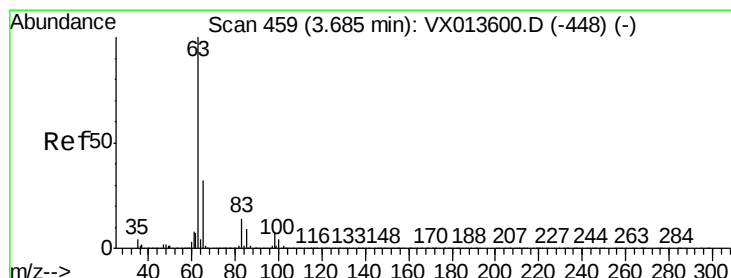
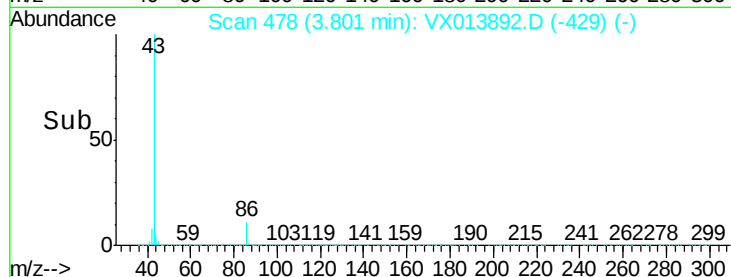
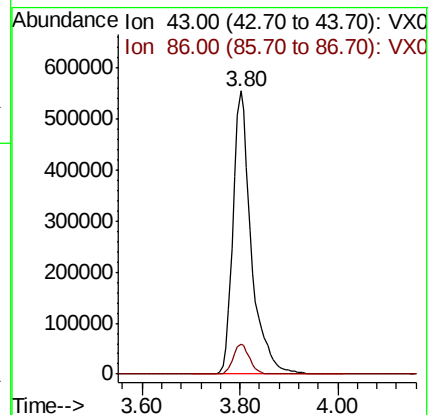
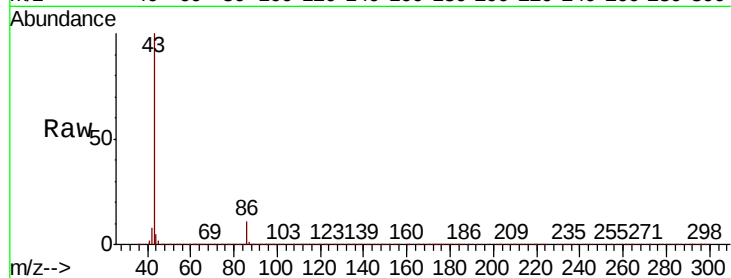
86 10.6 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 19.292 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

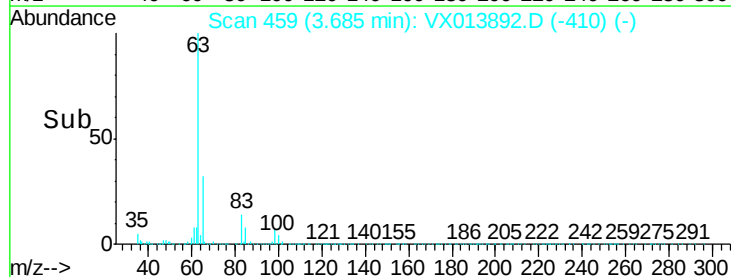
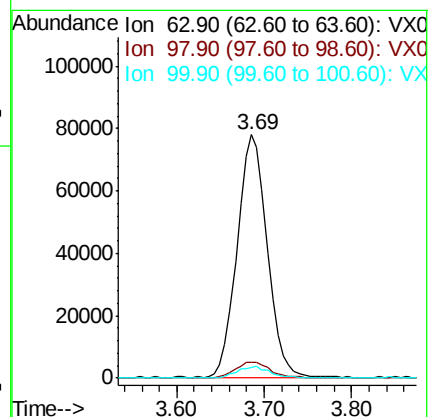
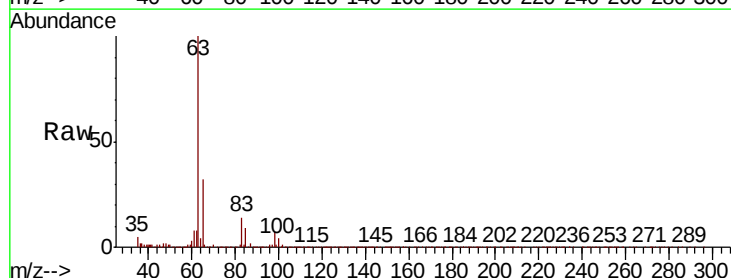
Tgt Ion: 63 Resp: 186251

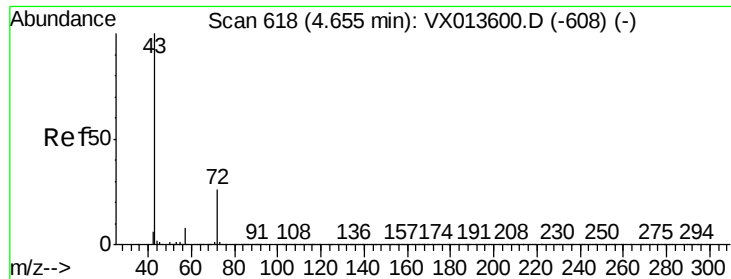
Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

100 4.1 2.1 6.3





#25

2-Butanone

Concen: 96.855 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion: 43 Resp: 438079

Ion Ratio Lower Upper

43 100

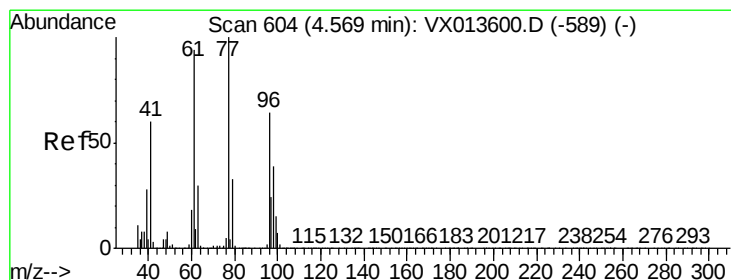
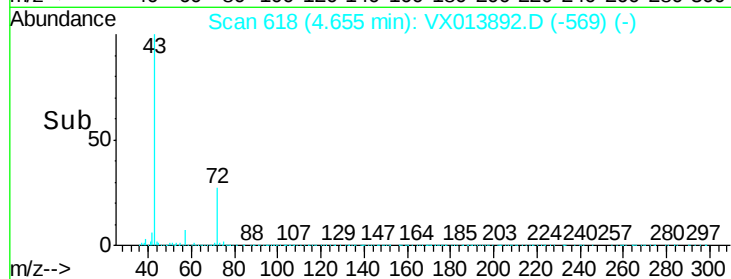
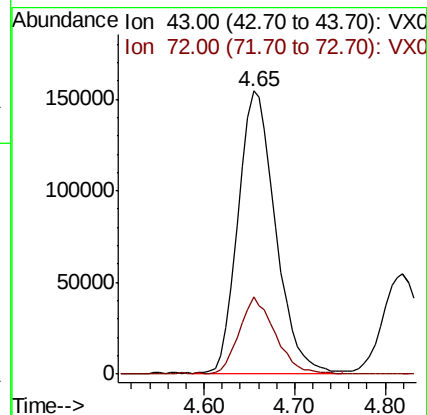
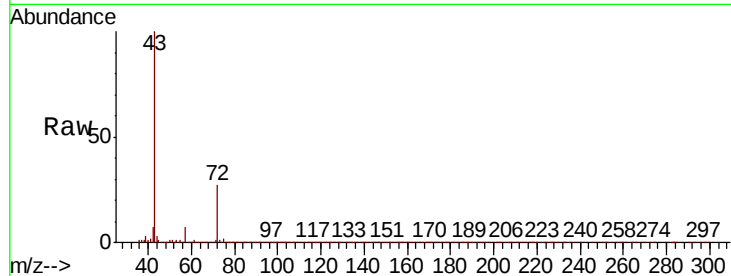
72 27.0 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 17.406 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013892.D

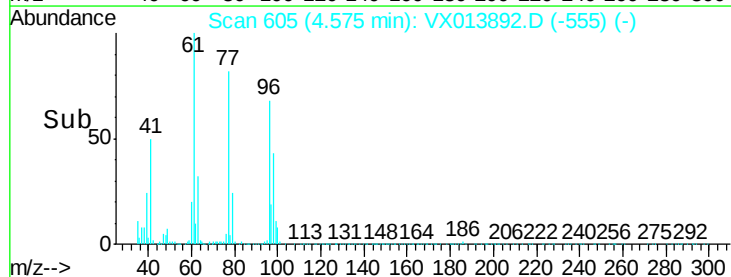
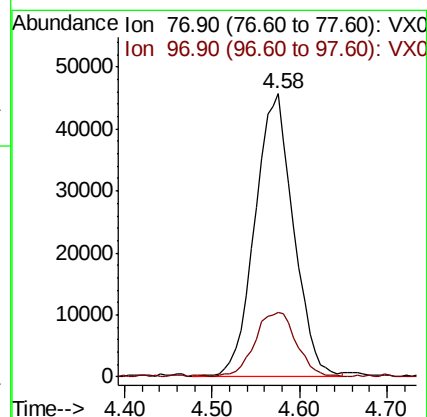
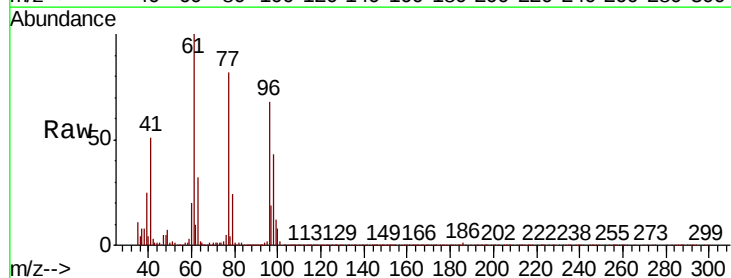
Acq: 10 Dec 2019 12:52

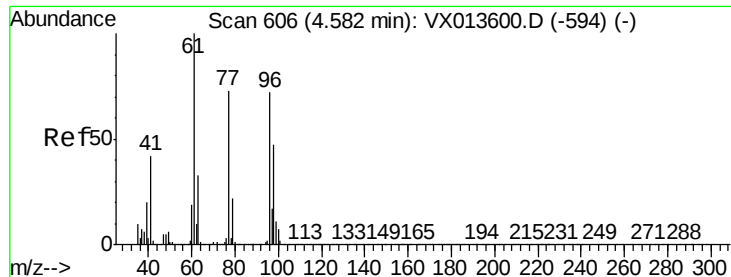
Tgt Ion: 77 Resp: 139031

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.1





#27

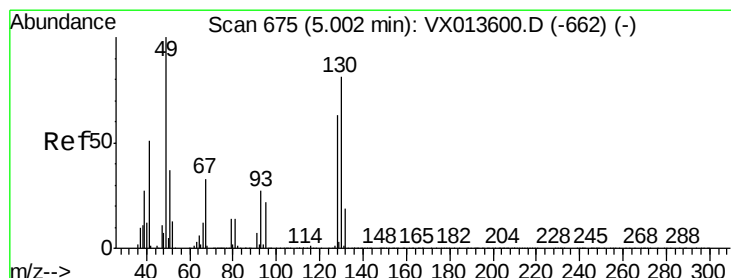
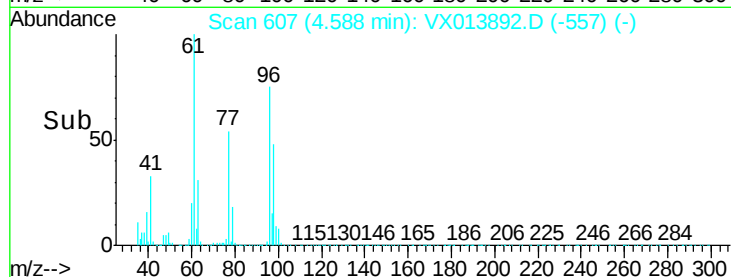
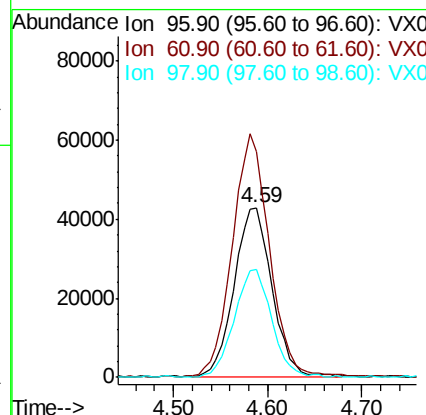
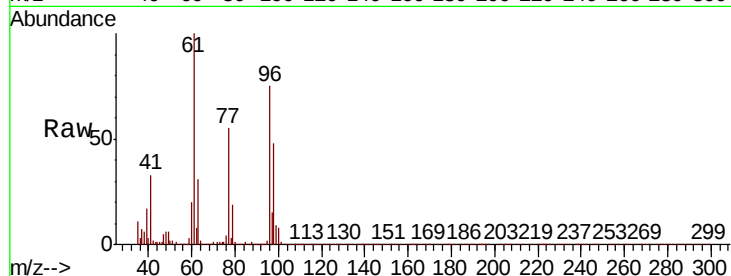
cis-1,2-Dichloroethene
Concen: 19.080 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	286.4
98	61.9	0.0	127.4

Manual Integrations
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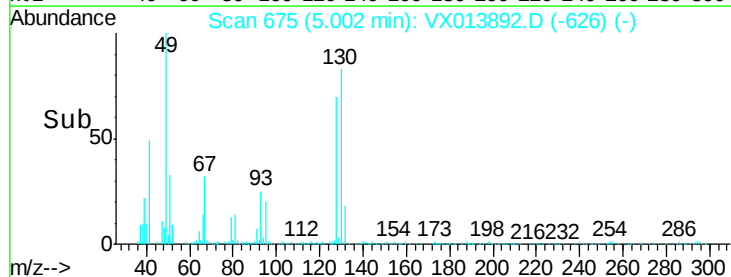
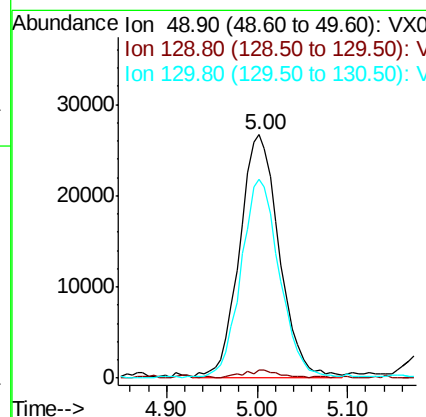
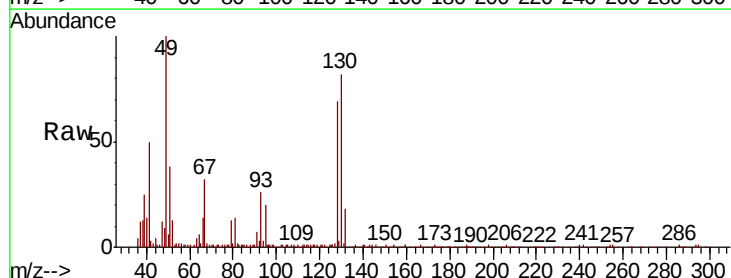
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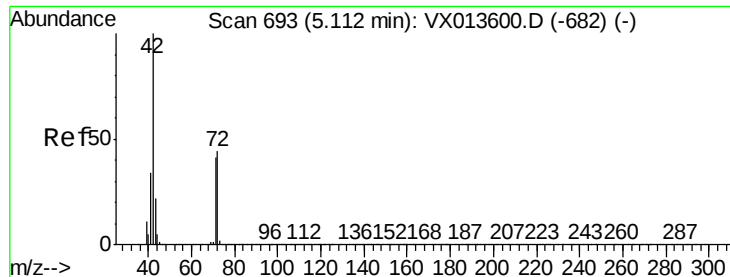


#28

Bromochloromethane
Concen: 21.319 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	78.2	65.4	98.0





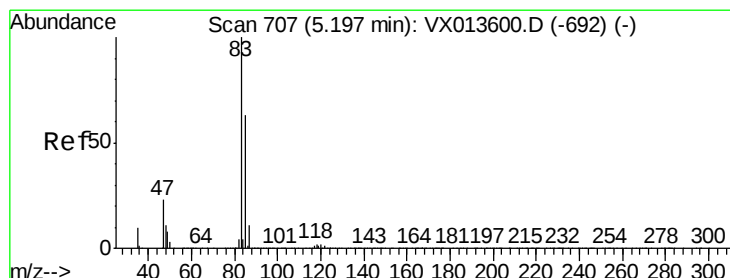
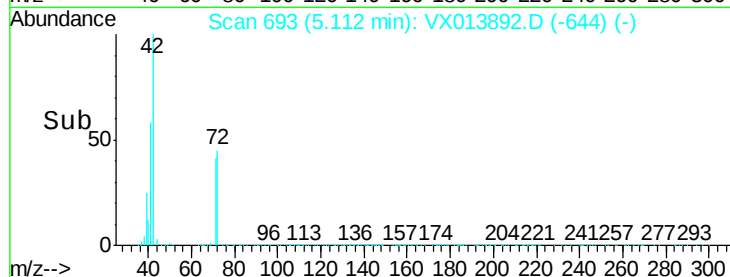
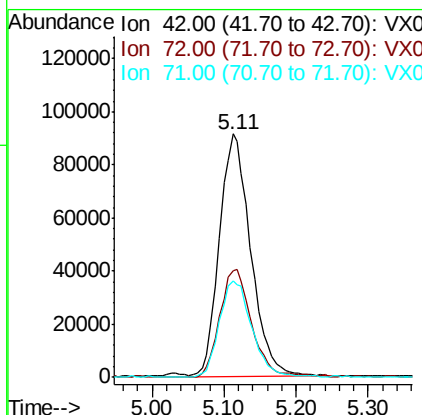
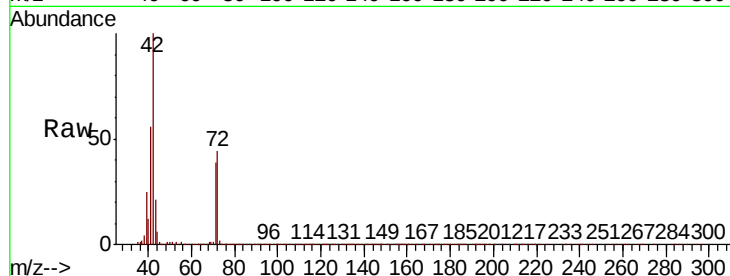
#29
Tetrahydrofuran
Concen: 99.054 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	36.3	54.5
71	40.5	33.2	49.8

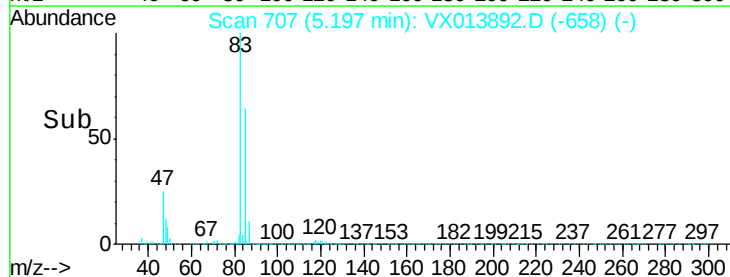
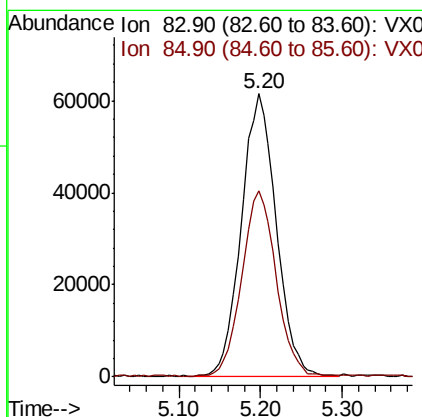
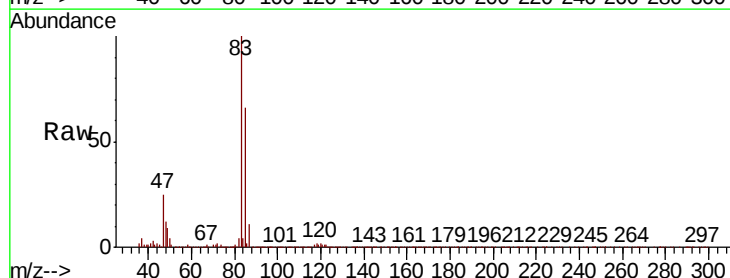
Manual Integrations
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#30
Chloroform
Concen: 18.589 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.2	75.4





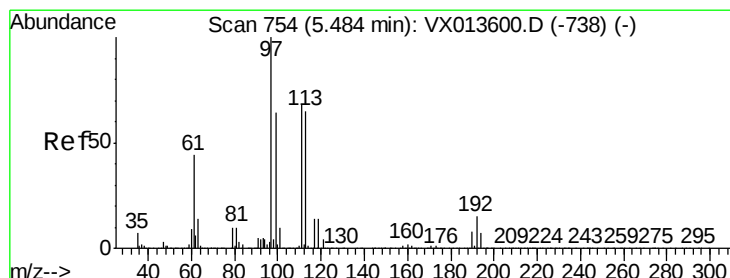
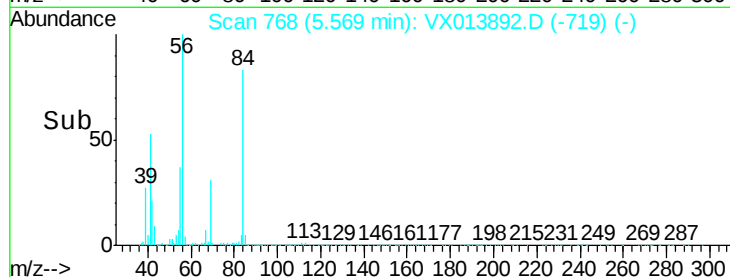
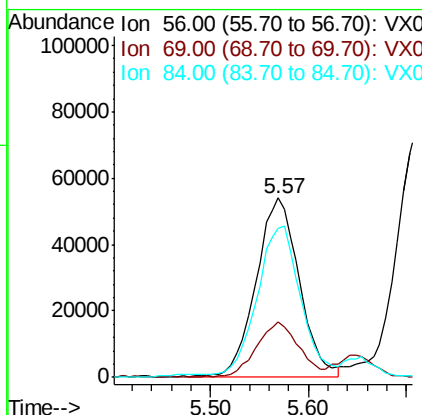
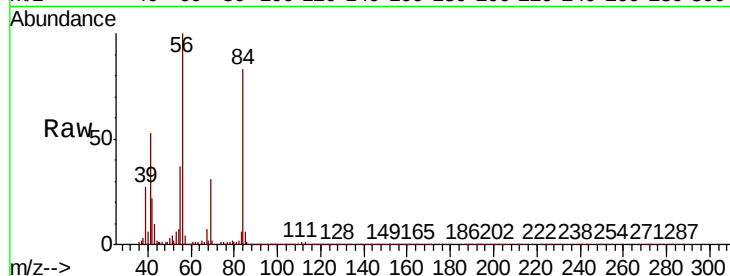
#31
Cyclohexane
Concen: 18.219 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.6	36.8
84	81.7	70.0	105.0

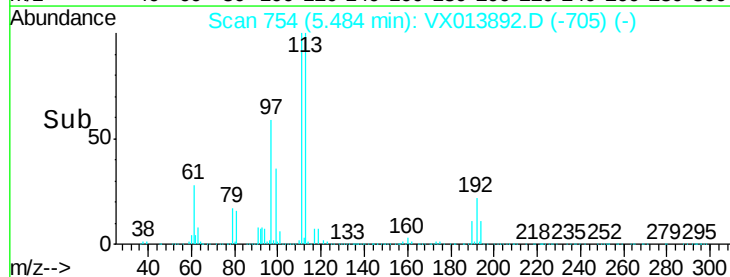
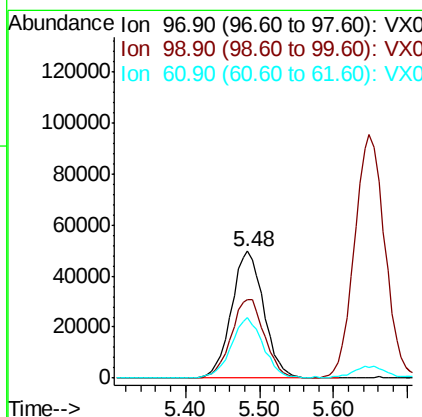
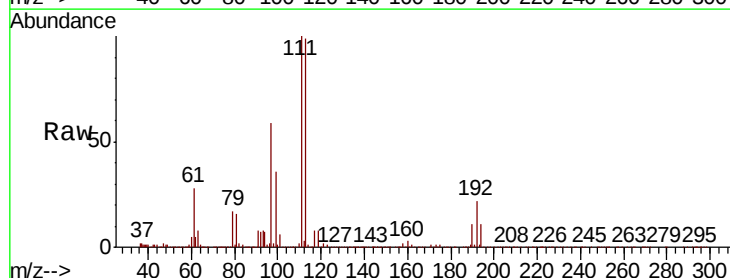
Manual Integrations
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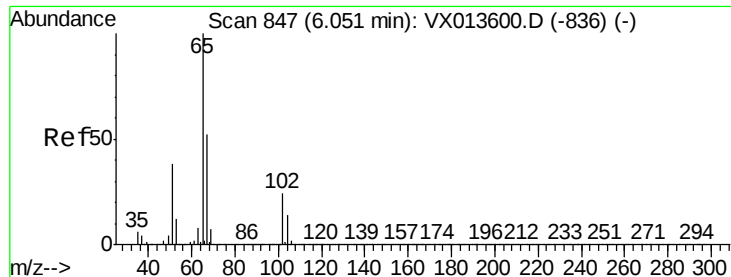
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#32
1,1,1-Trichloroethane
Concen: 18.542 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.6	77.4
61	46.4	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 47.489 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion: 65 Resp: 292735

Ion Ratio Lower Upper

65 100

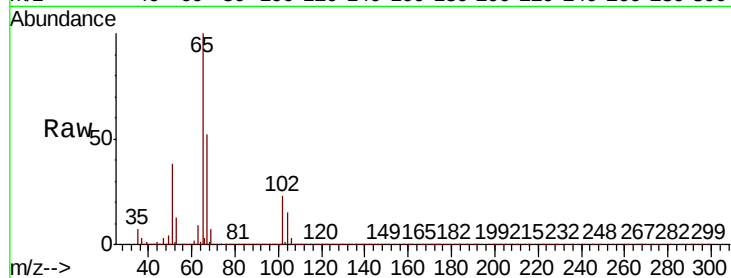
67 52.4 0.0 104.4

Manual Integrations

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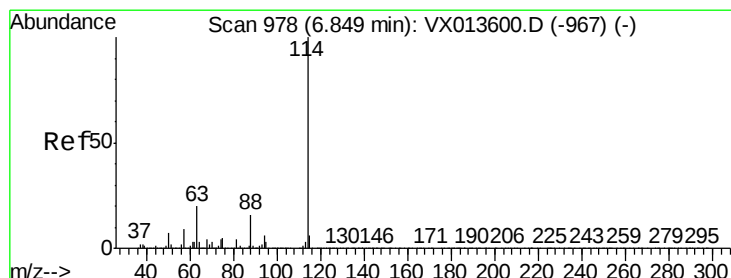
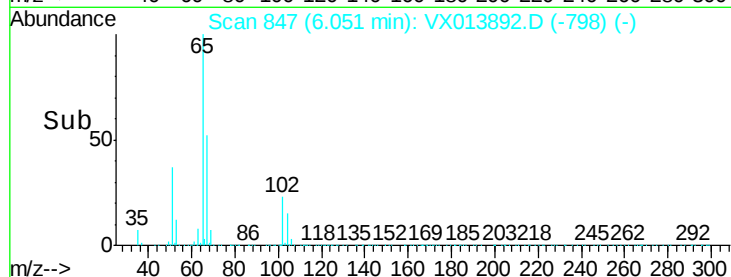
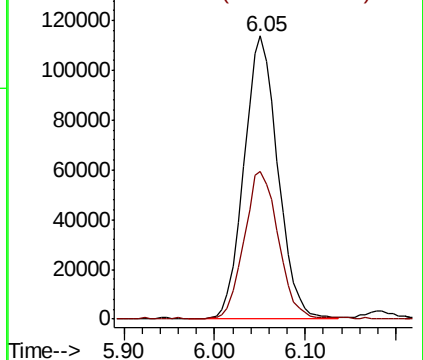
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Abundance Ion 64.90 (64.60 to 65.60): VX0

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: VX013892.D

Acq: 10 Dec 2019 12:52

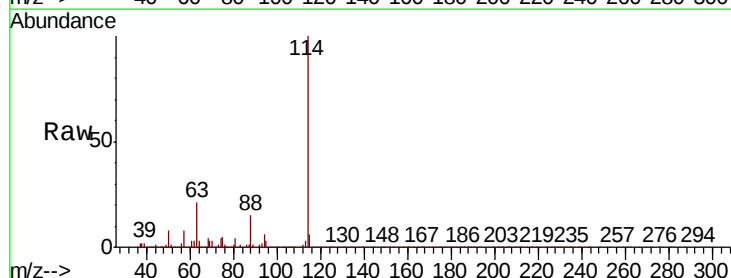
Tgt Ion: 114 Resp: 796916

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

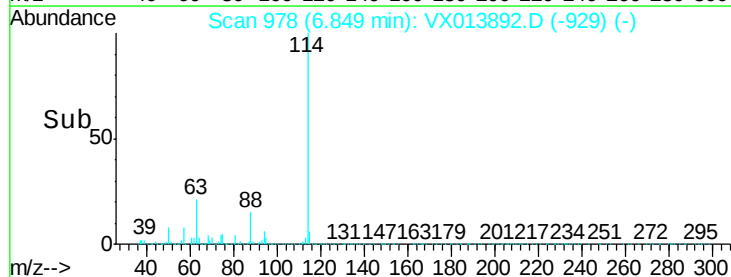
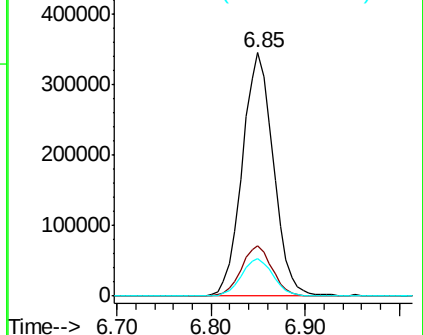
88 15.4 0.0 31.4

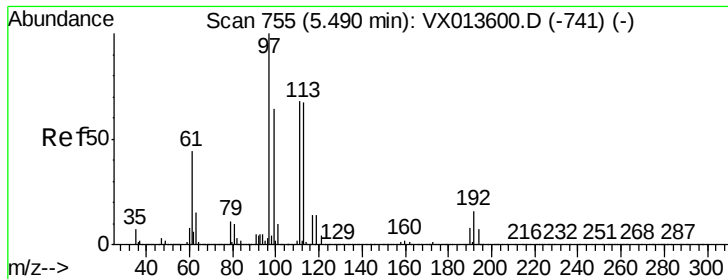


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.466 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Instrument :

MSVOA_X

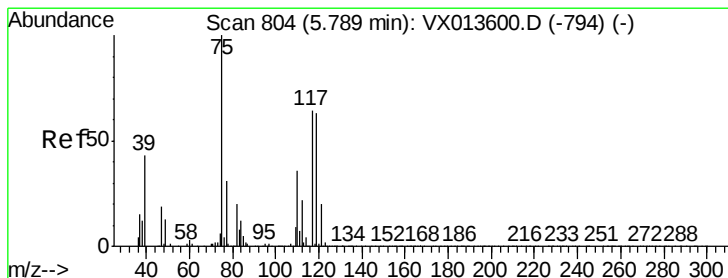
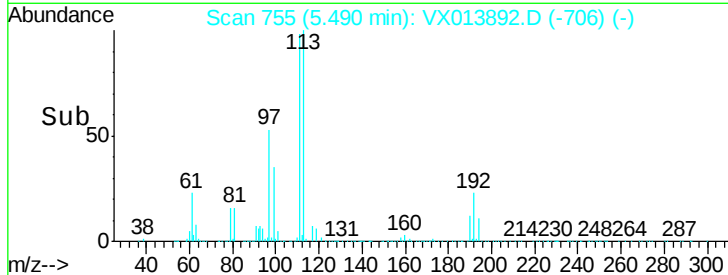
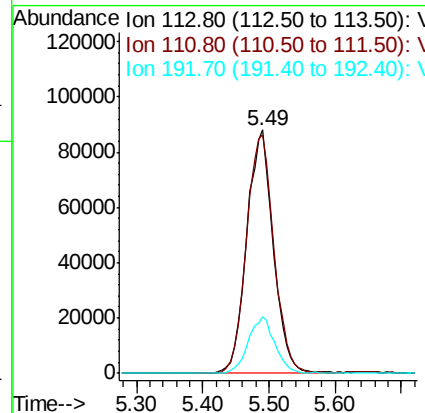
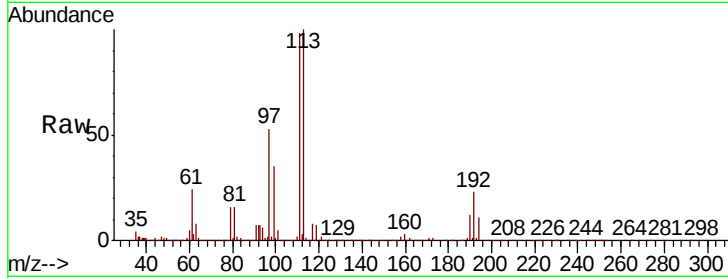
ClientSampleId :

VX1210WBSD01

Tot Ion:	113	Resp:	243701
Ion Ratio	Lower	Upper	
113	100		
111	101.7	83.6	125.4
192	23.3	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.601 ug/l

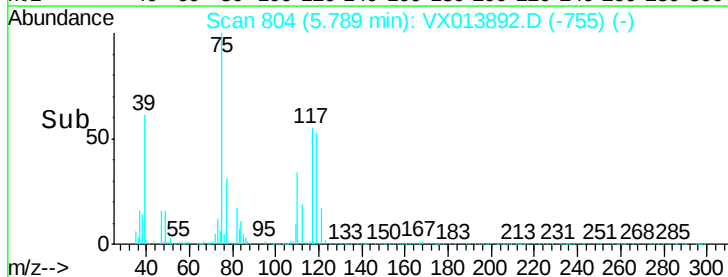
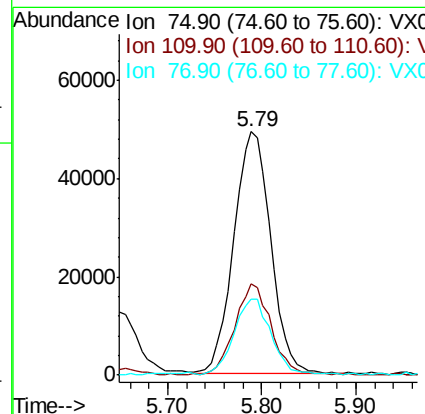
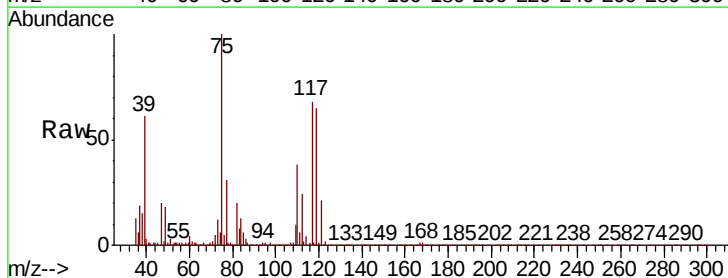
RT: 5.79 min Scan# 804

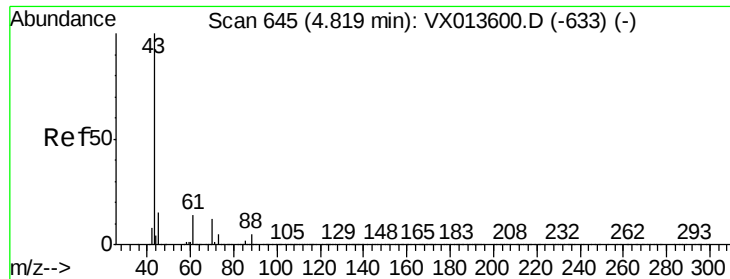
Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Tgt Ion:	75	Resp:	134559
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.1	54.1
77	30.7	24.5	36.7





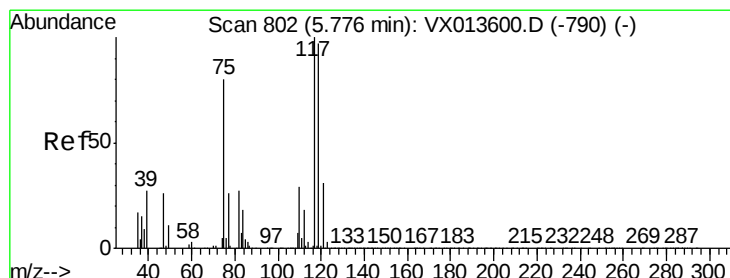
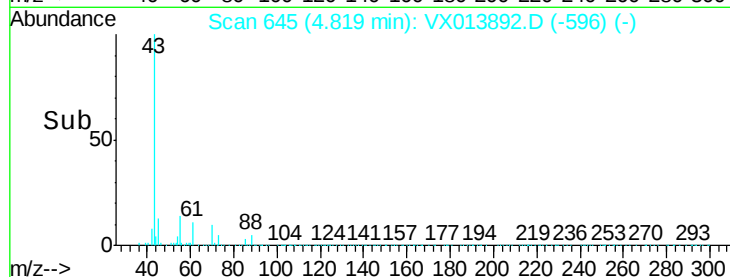
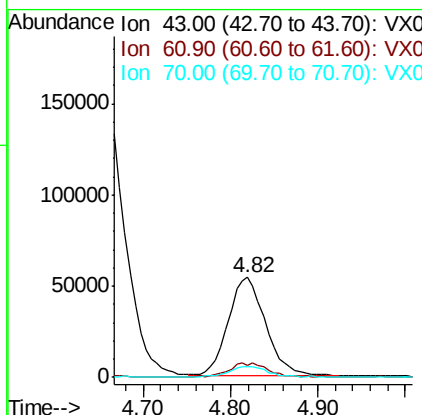
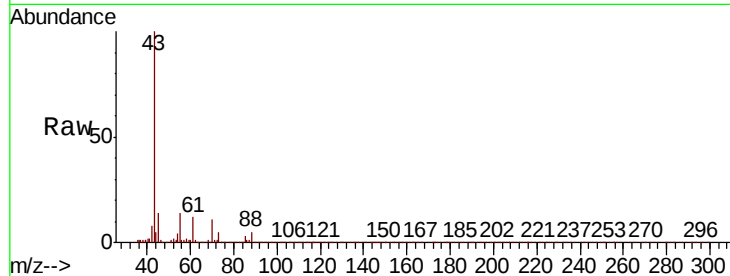
#37
Ethyl Acetate
Concen: 19.893 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	43	Resp	161442
Ion Ratio	Lower	Upper	
43	100		
61	14.3	11.0	16.4
70	10.6	8.6	12.8

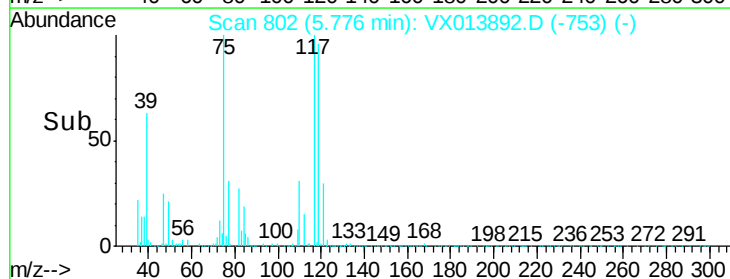
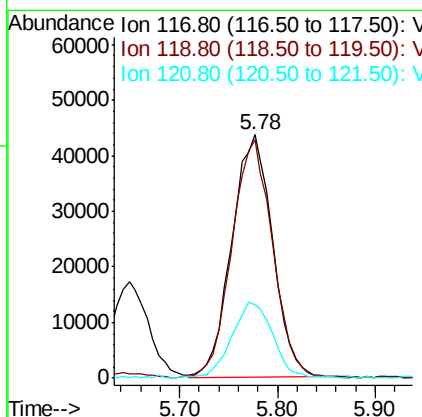
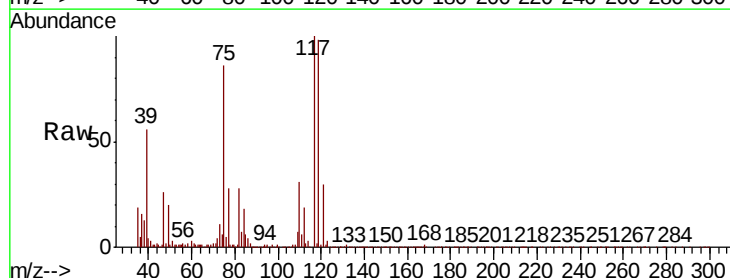
Manual Integrations
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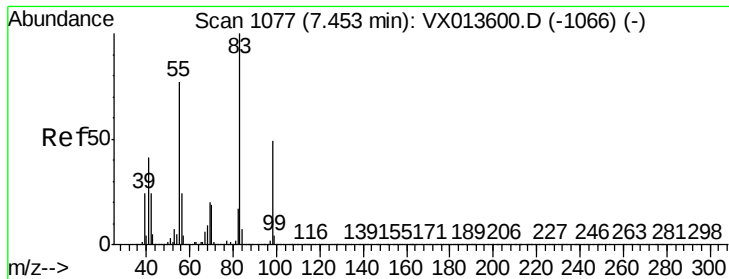
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#38
Carbon Tetrachloride
Concen: 18.948 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Tgt Ion	117	Resp	126388
Ion Ratio	Lower	Upper	
117	100		
119	97.7	77.5	116.3
121	30.2	25.0	37.6





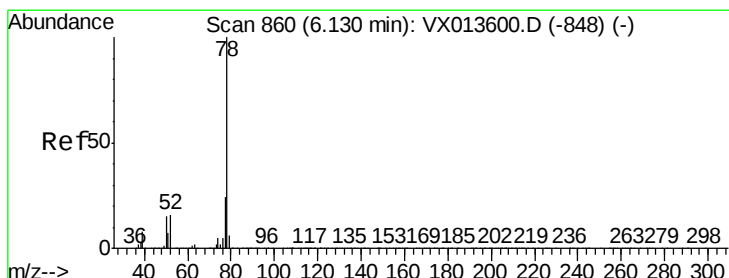
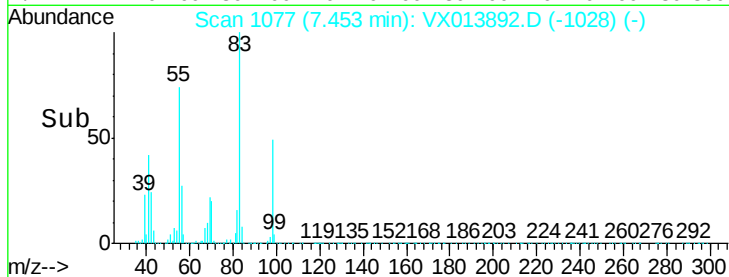
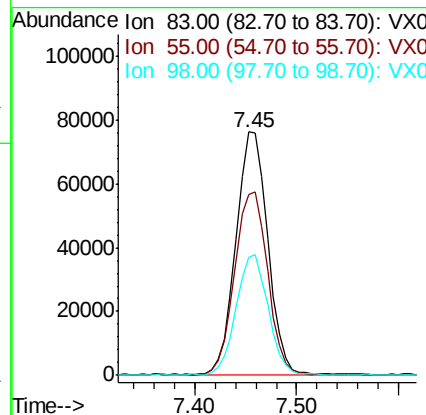
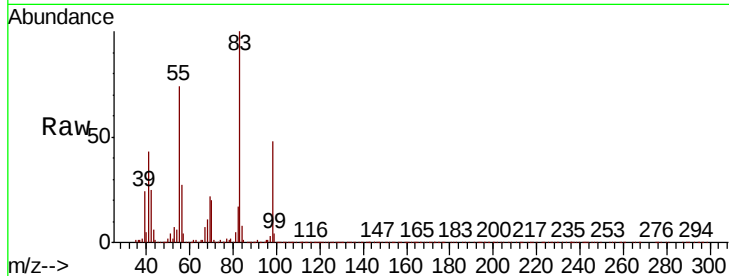
#39
Methvlcvclohexane
Concen: 18.397 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	61.9	92.9
98	48.4	39.4	59.0

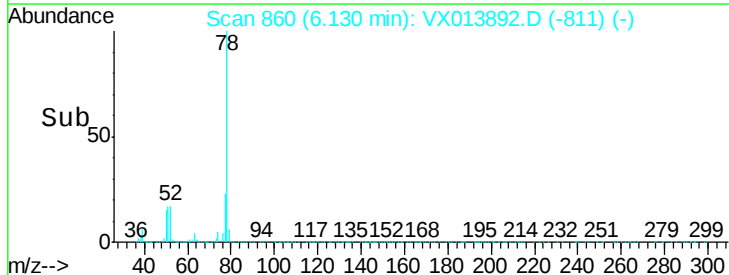
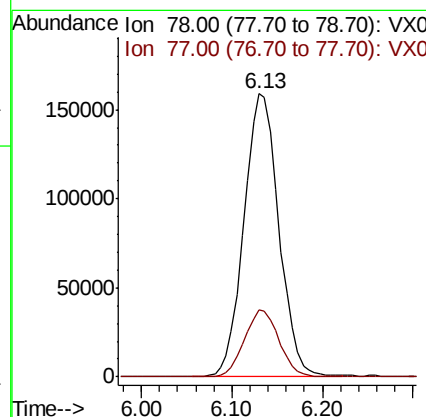
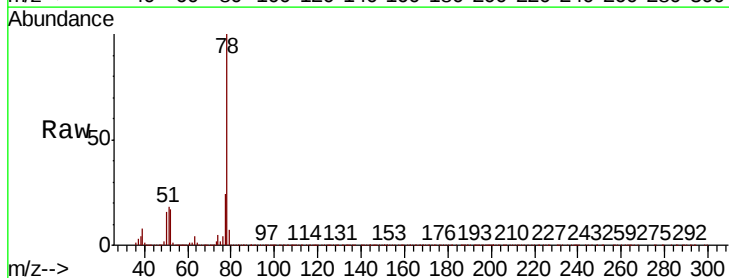
Manual Integrations
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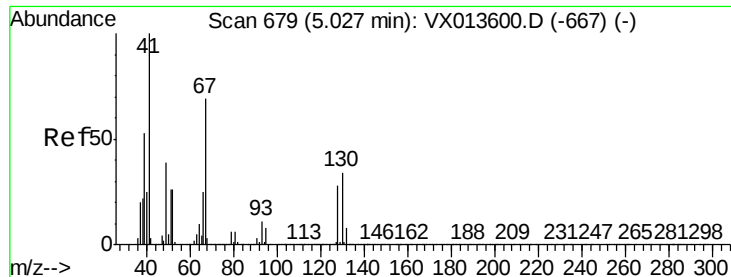
apatel
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#40
Benzene
Concen: 19.180 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





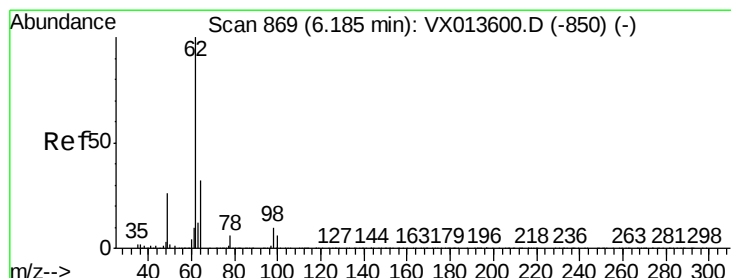
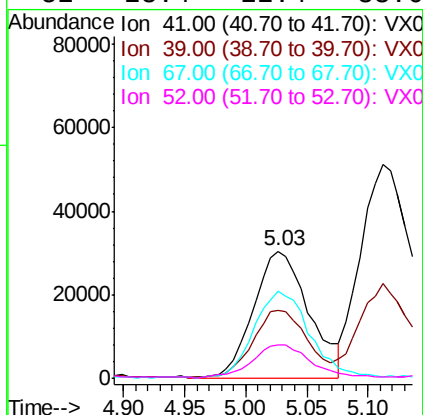
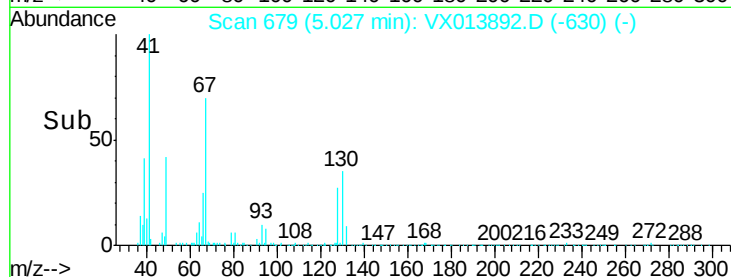
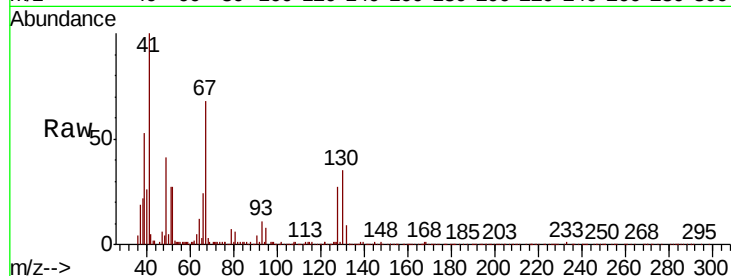
#41
Methacrylonitrile
Concen: 21.674 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	49.9	42.9	64.3	
67	68.5	57.4	86.0	
52	28.4	22.4	33.6	

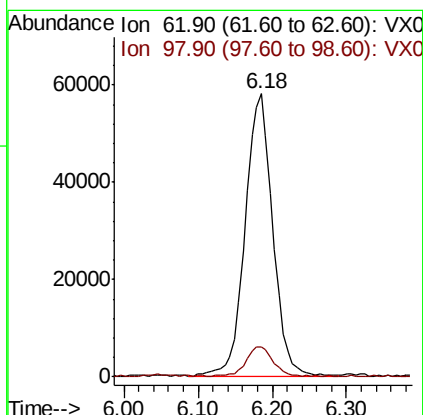
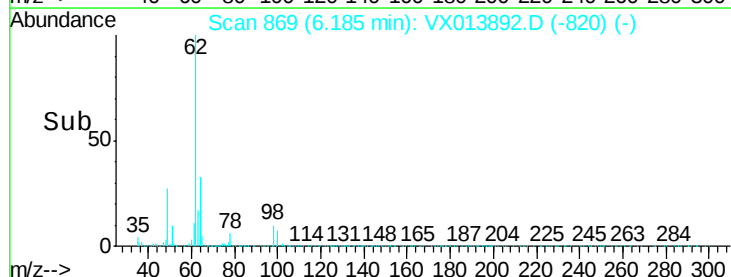
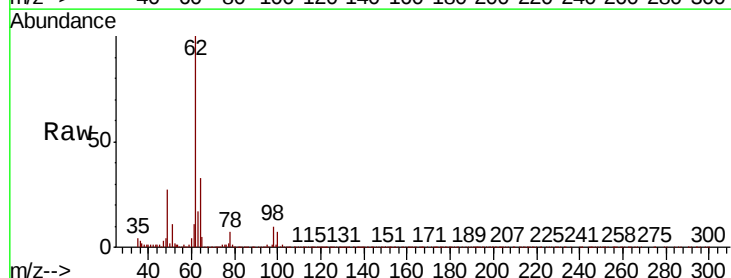
Manual Integrations
APPROVED

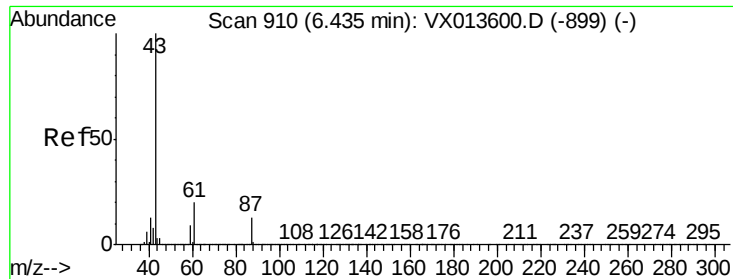
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#42
1,2-Dichloroethane
Concen: 20.097 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	20.8	





#43

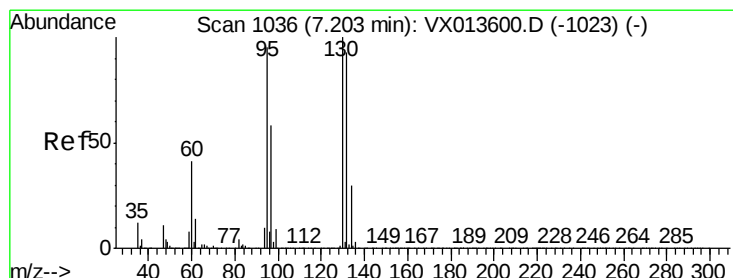
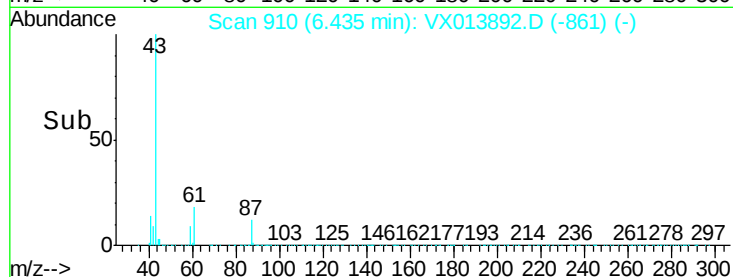
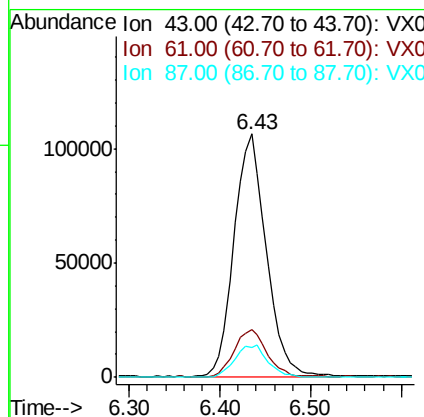
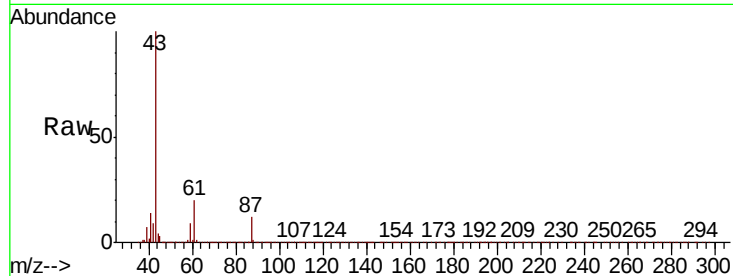
Isopropyl Acetate
 Concen: 19.684 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013892.D
 Acq: 10 Dec 2019 12:52

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1210WBSD01

Tot Ion	43	Resp	262996
Ion Ratio	Lower	Upper	
43	100		
61	19.8	16.3	24.5
87	13.5	10.8	16.2

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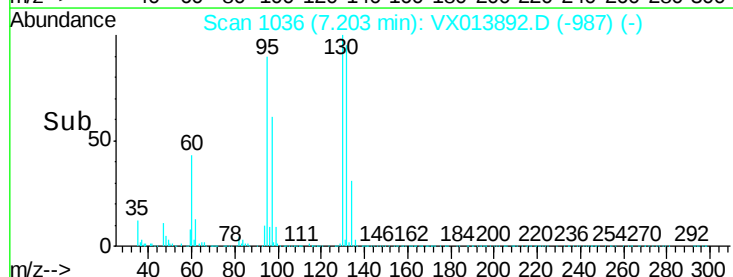
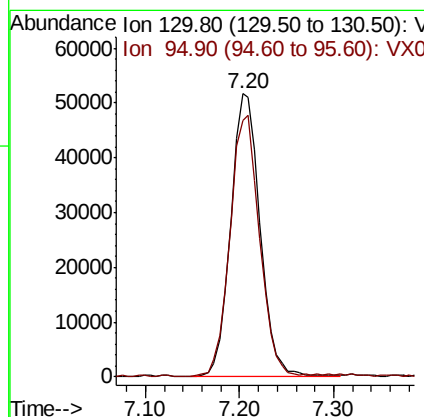
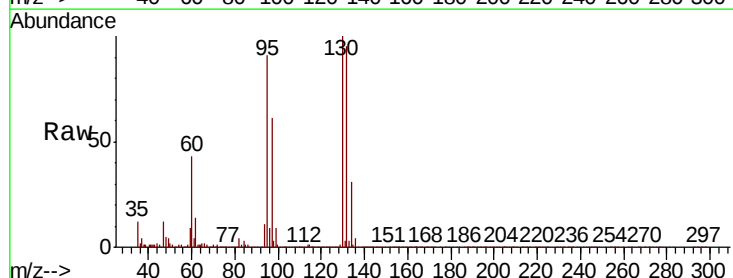
apatel
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#44

Trichloroethene
 Concen: 18.388 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX013892.D
 Acq: 10 Dec 2019 12:52

Tgt Ion	130	Resp	111184
Ion Ratio	Lower	Upper	
130	100		
95	90.4	0.0	190.8





#45

1,2-Dichloropropane

Concen: 19.777 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion: 63 Resp: 109021

Ion Ratio Lower Upper

63 100

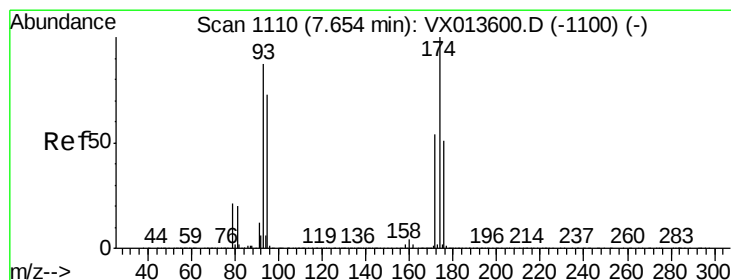
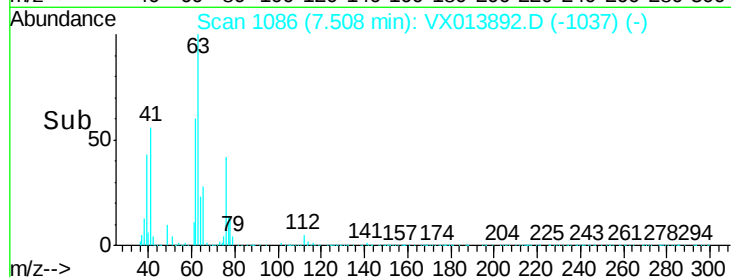
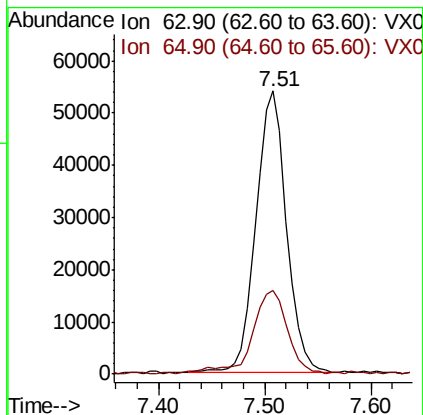
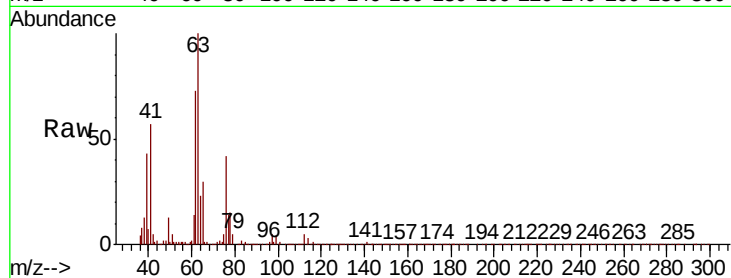
65 29.2 25.5 38.3

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#46

Dibromomethane

Concen: 19.554 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

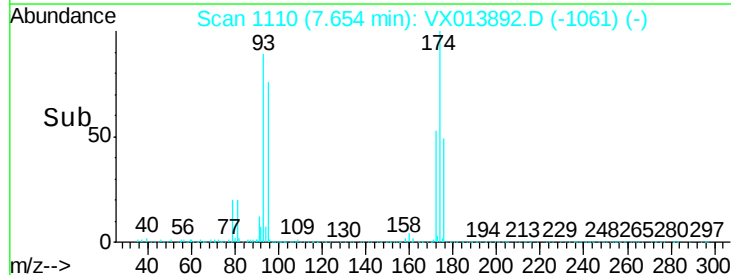
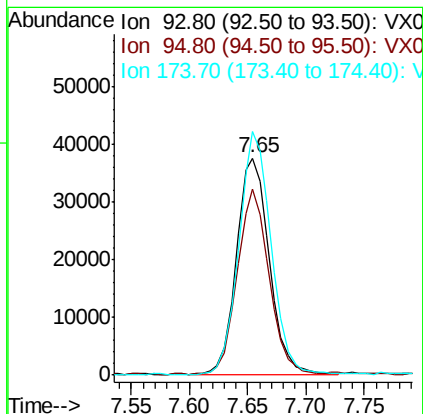
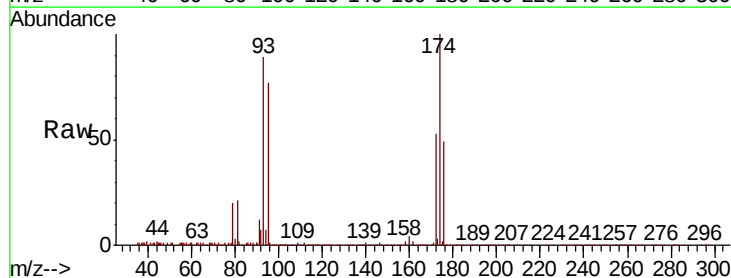
Tgt Ion: 93 Resp: 73208

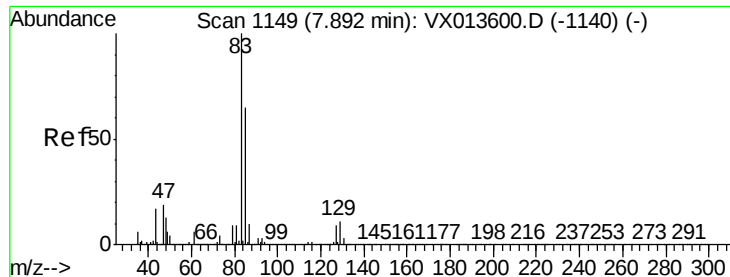
Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.2

174 111.8 93.4 140.0





#47

Bromodichloromethane

Concen: 19.520 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Instrument :

MSVOA_X

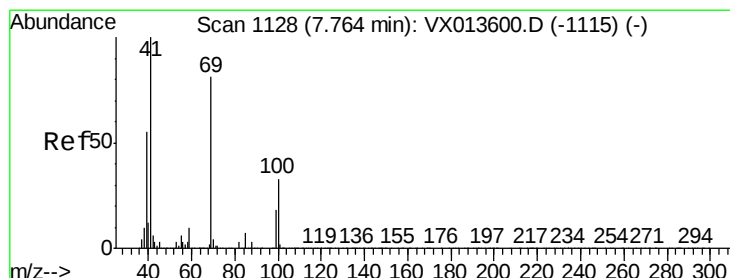
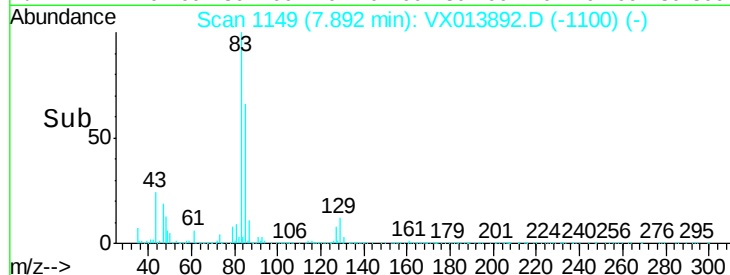
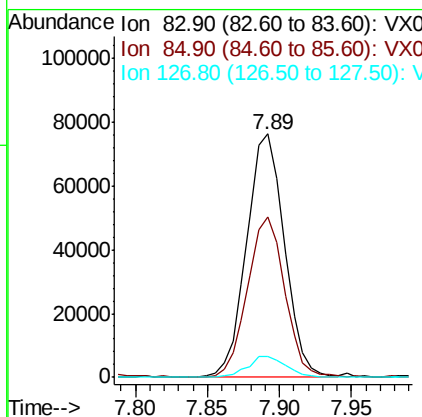
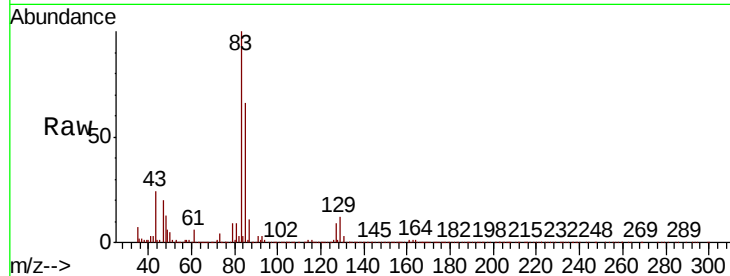
ClientSampleId :

VX1210WBSD01

Tot Ion	83	Resp	138158
Ion Ratio	Lower	Upper	
83	100		
85	65.8	52.1	78.1
127	8.5	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.944 ug/l

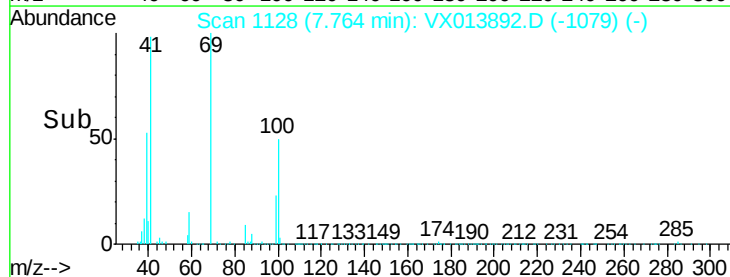
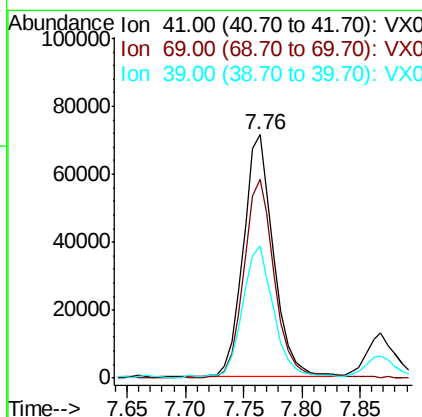
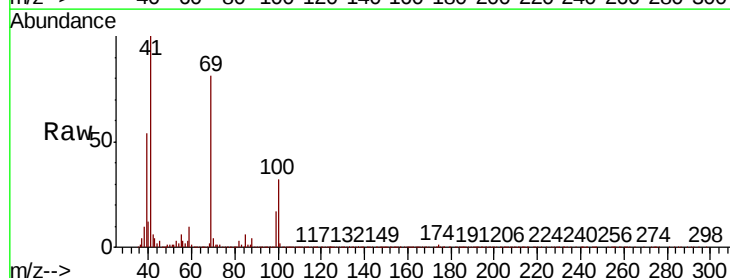
RT: 7.76 min Scan# 1128

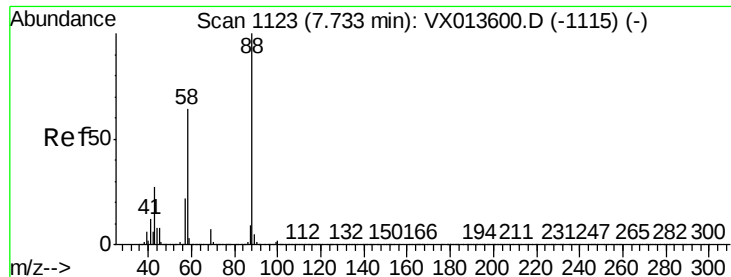
Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Tgt Ion	41	Resp	129466
Ion Ratio	Lower	Upper	
41	100		
69	82.0	64.7	97.1
39	55.6	43.8	65.6





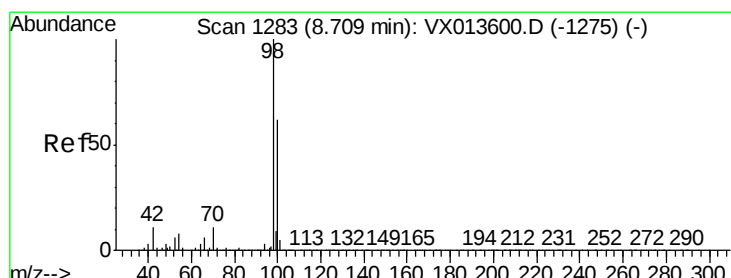
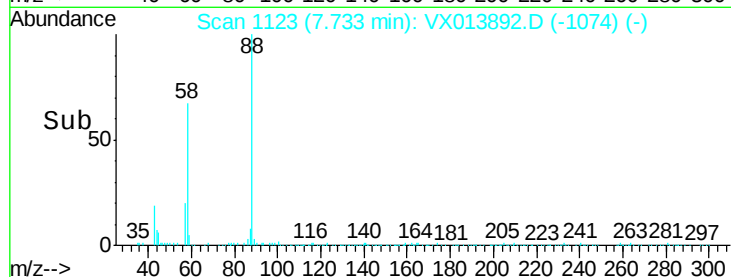
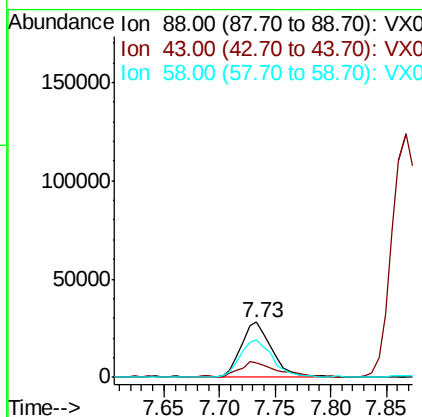
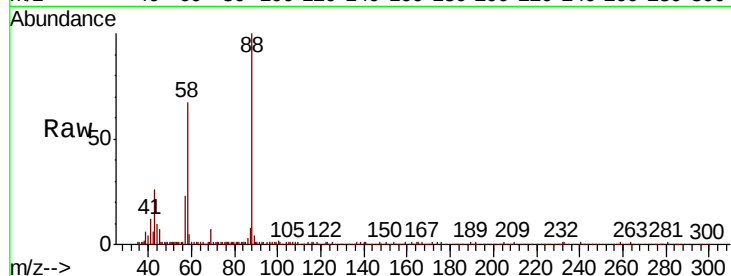
#49
1,4-Dioxane
Concen: 362.530 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	25.8	38.6
58	72.9	54.6	82.0

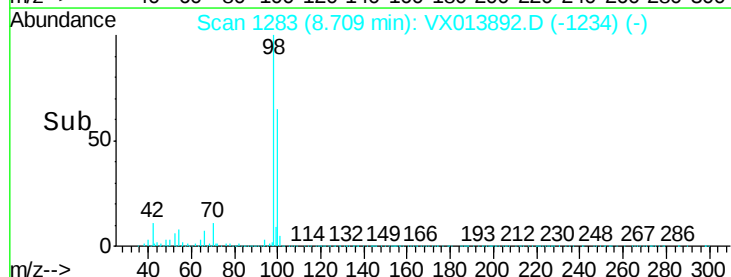
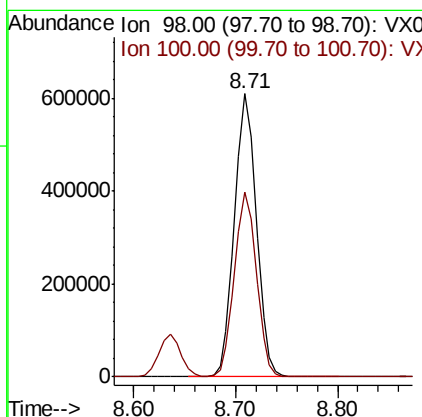
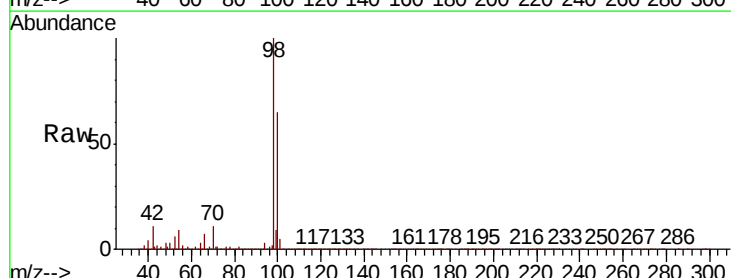
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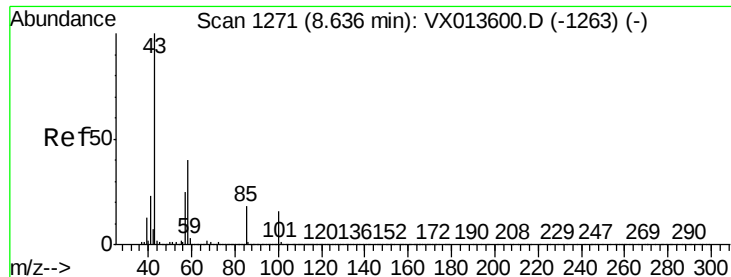
apatel
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#50
Toluene-d8
Concen: 47.262 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 100.456 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion: 43 Resp: 844241

Ion Ratio Lower Upper

43 100

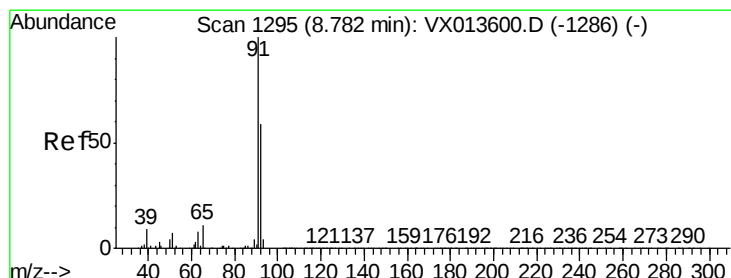
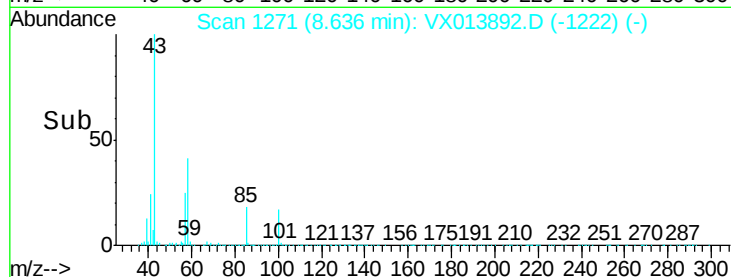
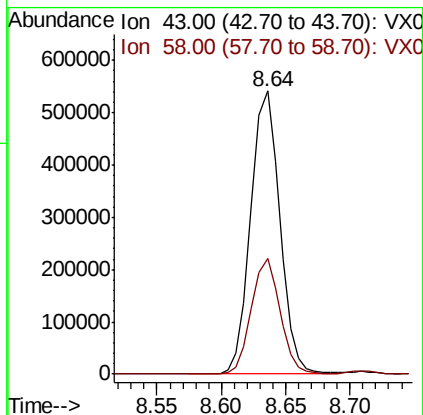
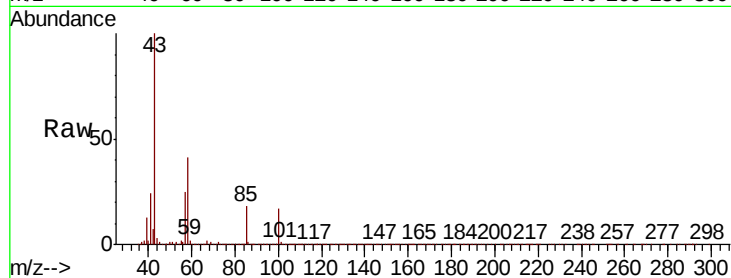
58 40.0 32.1 48.1

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#52

Toluene

Concen: 19.319 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013892.D

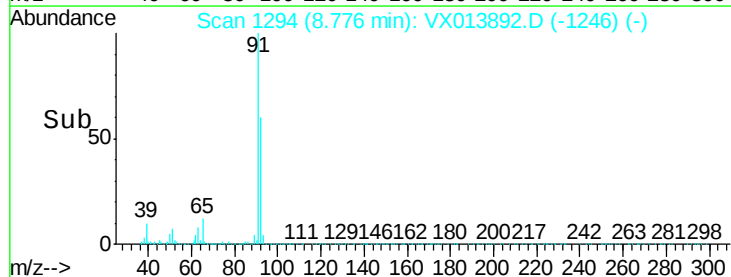
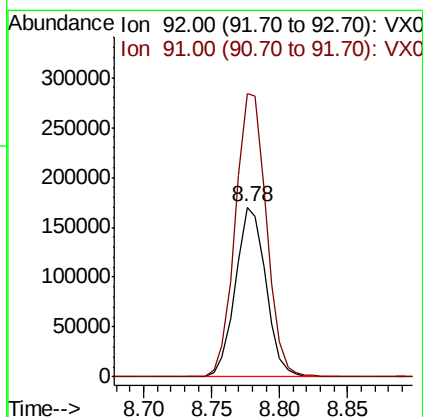
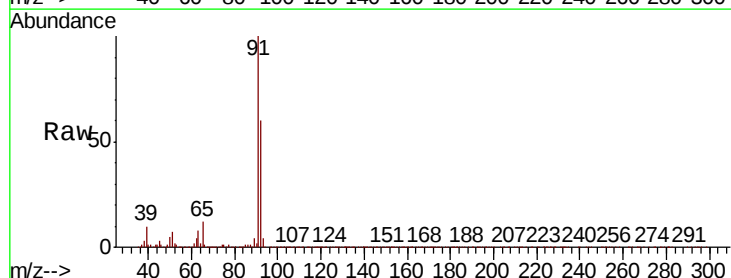
Acq: 10 Dec 2019 12:52

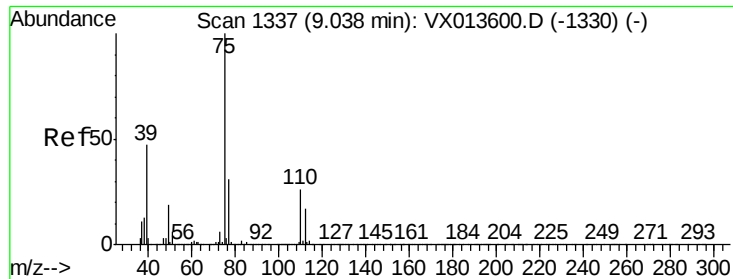
Tgt Ion: 92 Resp: 264421

Ion Ratio Lower Upper

92 100

91 171.4 136.2 204.2





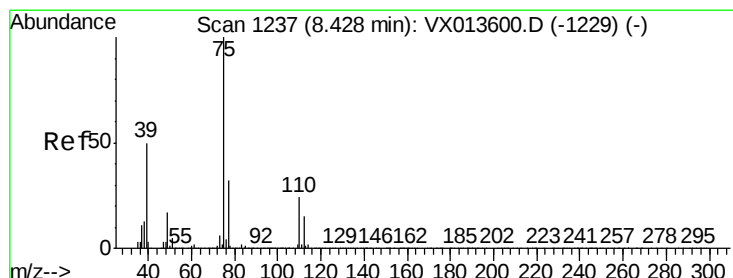
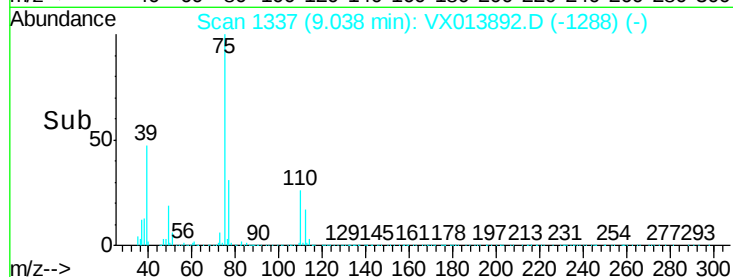
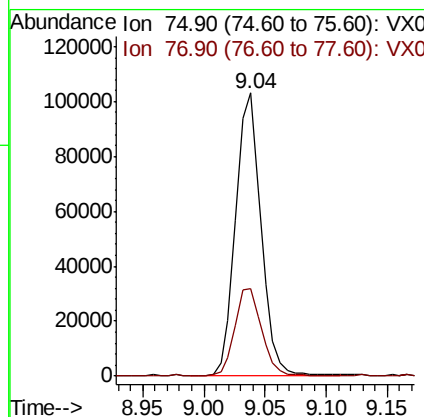
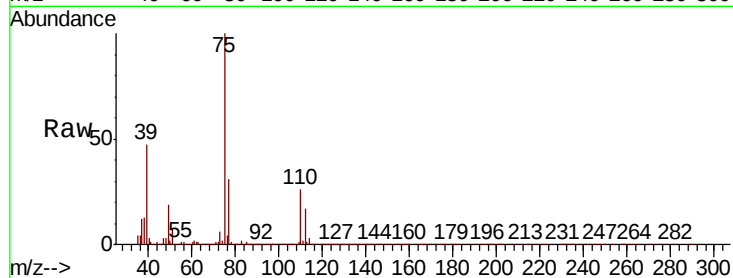
#53
t-1,3-Dichloropropene
Concen: 18.303 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion: 75 Resp: 147454
Ion Ratio Lower Upper
75 100
77 31.0 24.4 36.6

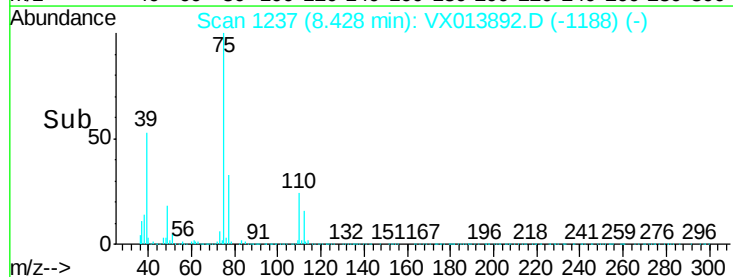
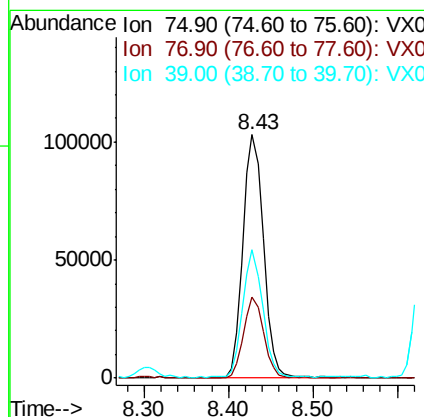
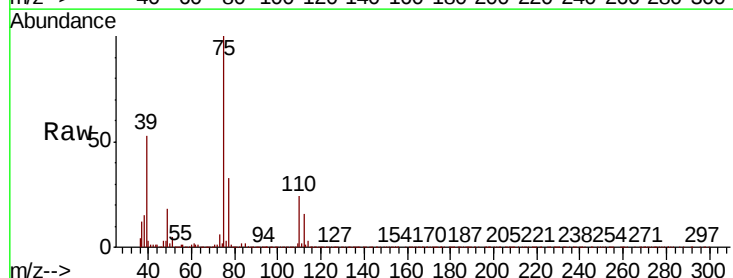
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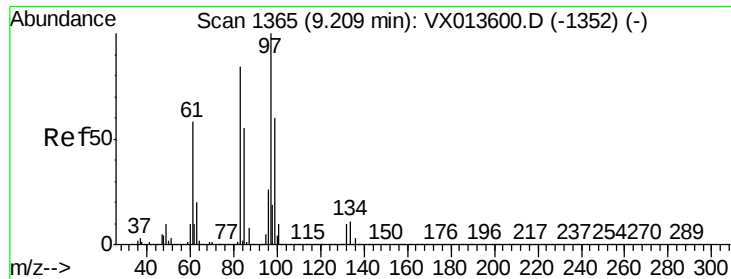
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#54
cis-1,3-Dichloropropene
Concen: 19.225 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Tgt Ion: 75 Resp: 169210
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.6
39 52.6 39.9 59.9





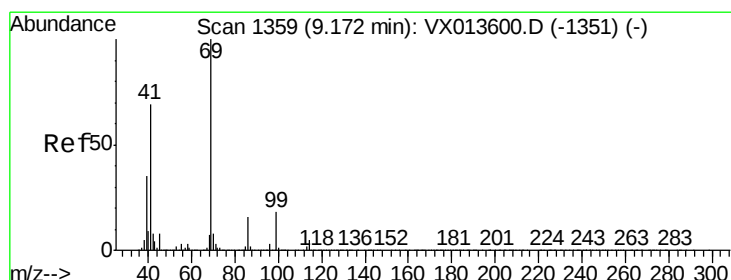
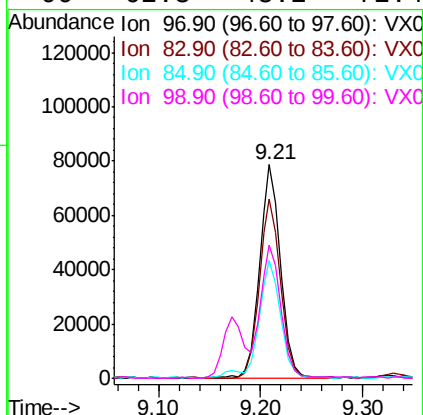
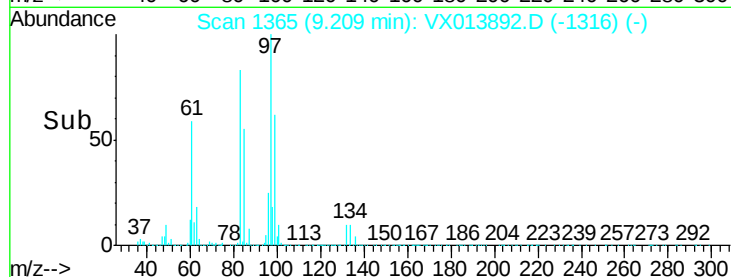
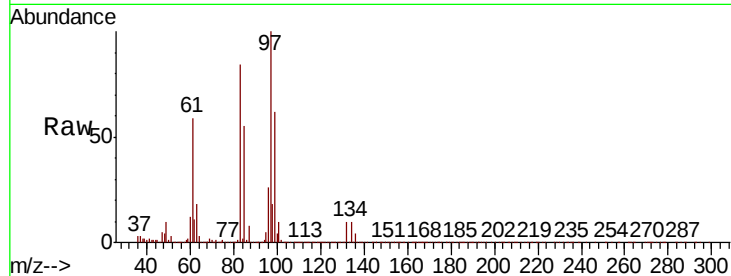
#55
 1,1,2-Trichloroethane
 Concen: 20.528 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013892.D
 Acq: 10 Dec 2019 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		113226		
83	83.4	67.3	100.9		
85	54.8	43.6	65.4		
99	62.3	48.2	72.4		

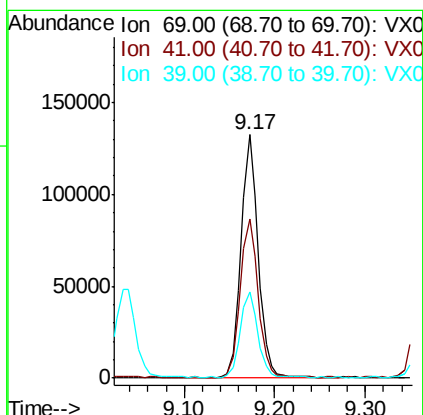
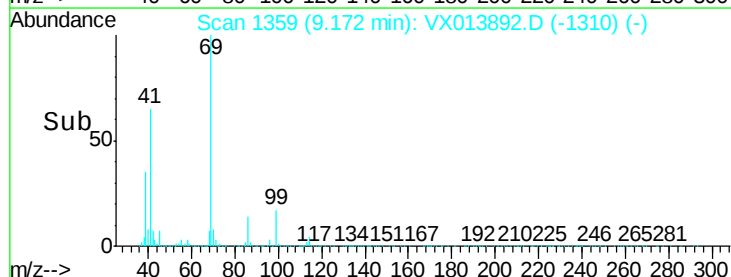
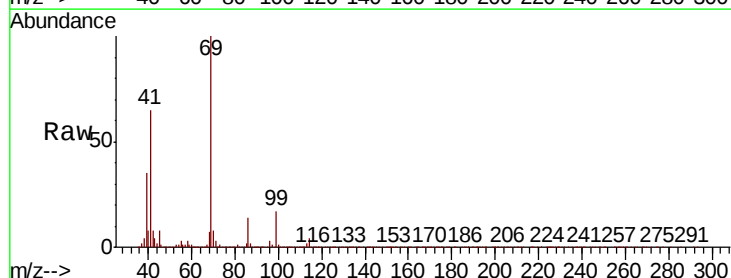
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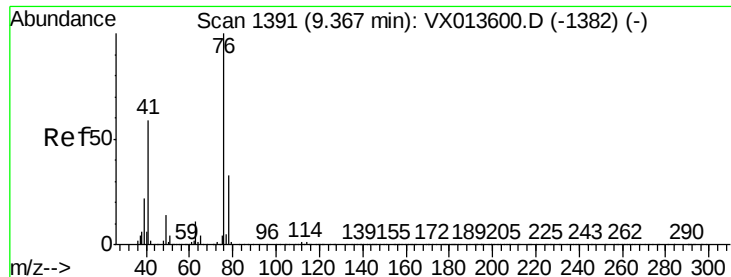
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#56
 Ethyl methacrylate
 Concen: 19.669 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013892.D
 Acq: 10 Dec 2019 12:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		174423		
41	67.9	55.0	82.4		
39	35.8	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 19.974 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion: 76 Resp: 189901

Ion Ratio Lower Upper

76 100

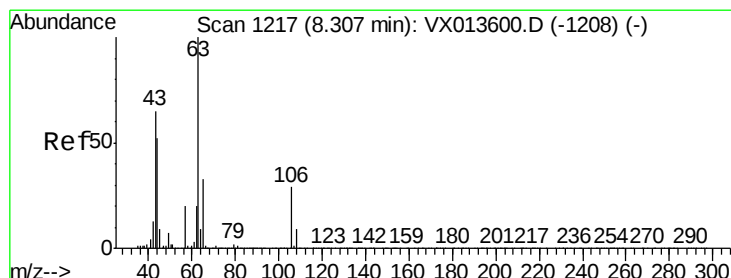
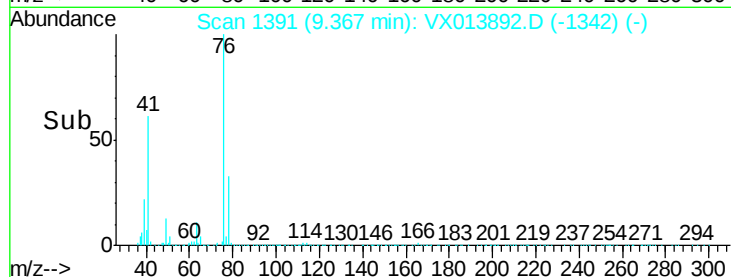
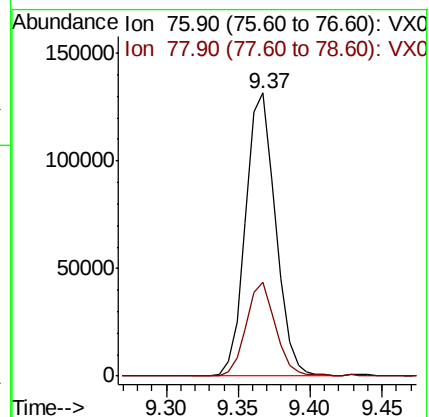
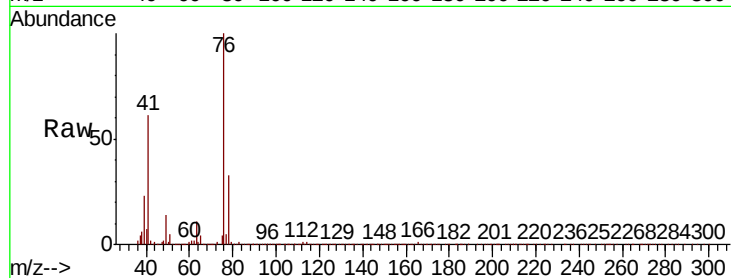
78 32.0 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 99.400 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013892.D

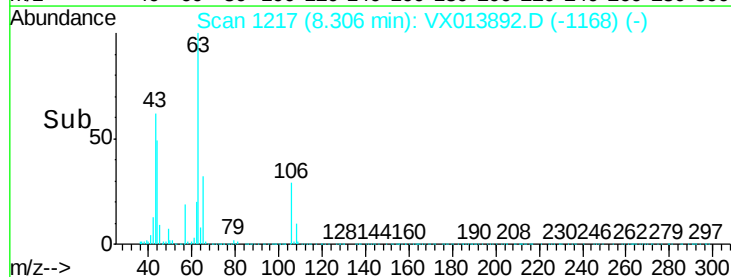
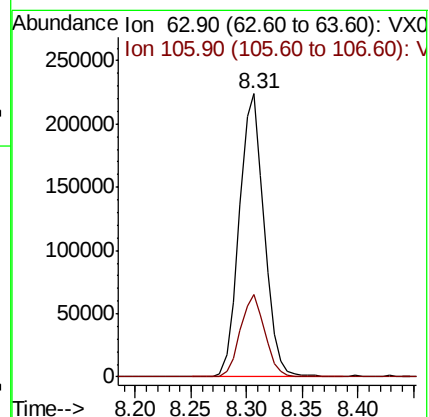
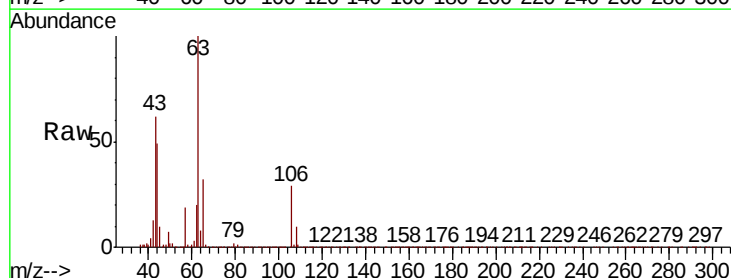
Acq: 10 Dec 2019 12:52

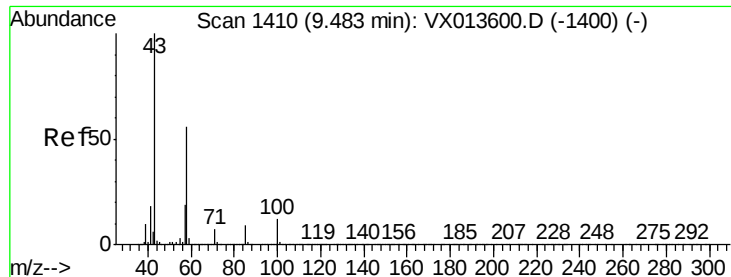
Tgt Ion: 63 Resp: 345605

Ion Ratio Lower Upper

63 100

106 29.1 23.4 35.0





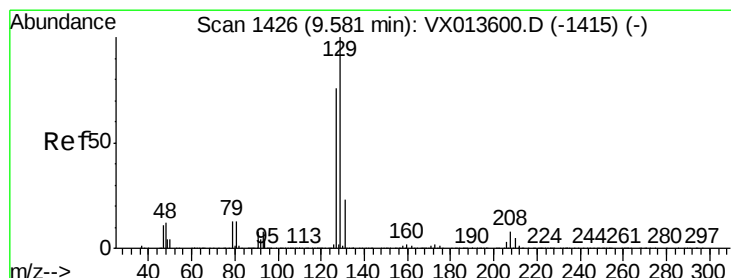
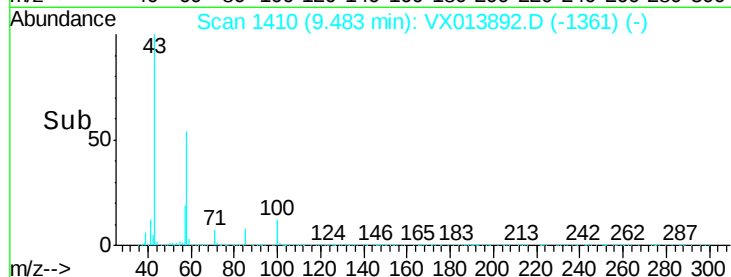
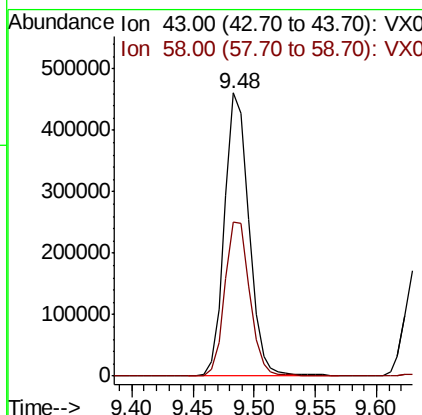
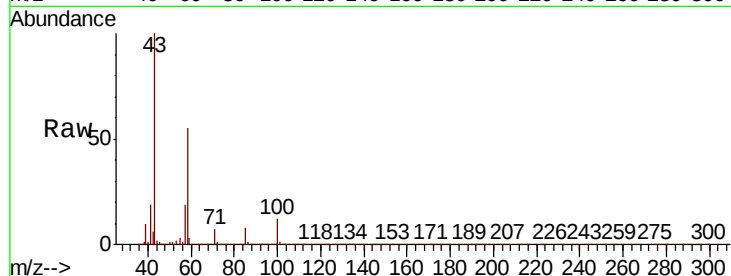
#59
2-Hexanone
Concen: 97.111 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion: 43 Resp: 636520
Ion Ratio Lower Upper
43 100
58 56.3 28.1 84.4

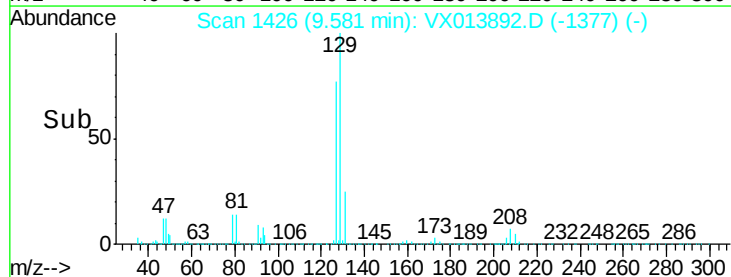
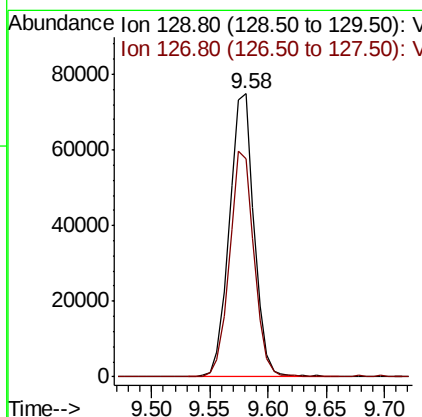
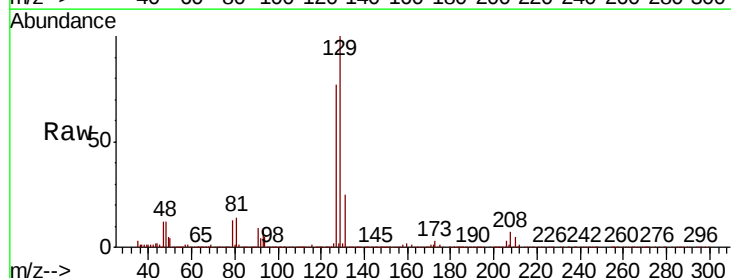
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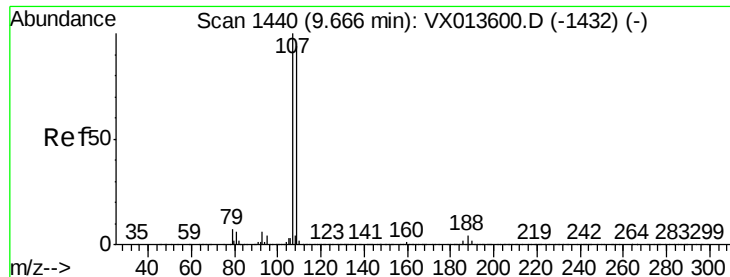
apatel
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#60
Dibromochloromethane
Concen: 19.277 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Tgt Ion: 129 Resp: 110344
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.5





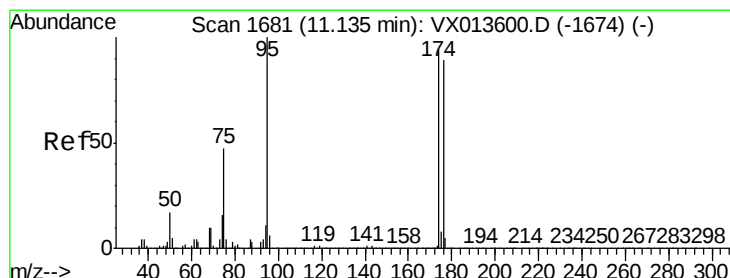
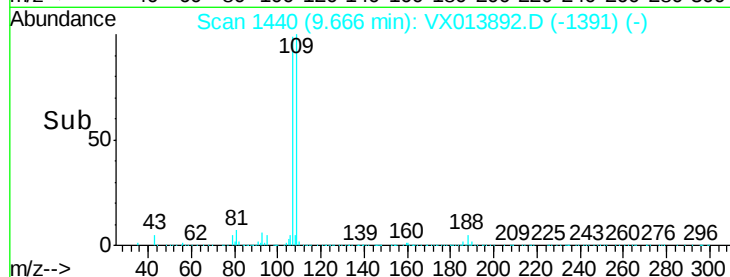
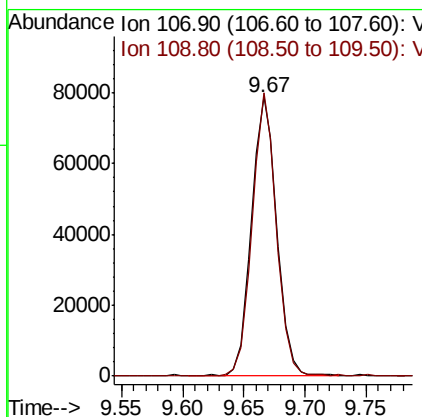
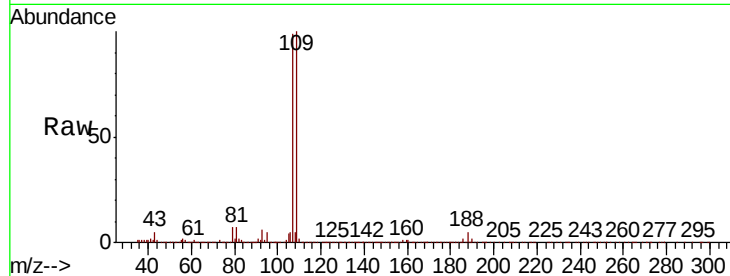
#61
 1,2-Dibromoethane
 Concen: 19.268 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013892.D
 Acq: 10 Dec 2019 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.8	76.1	114.1

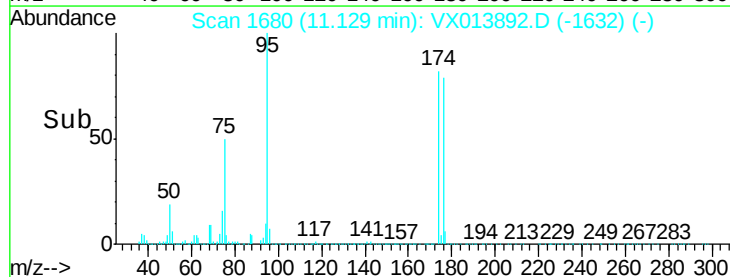
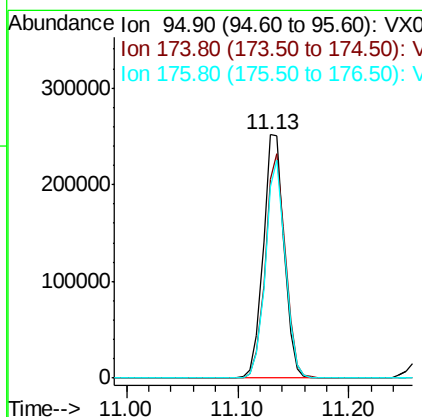
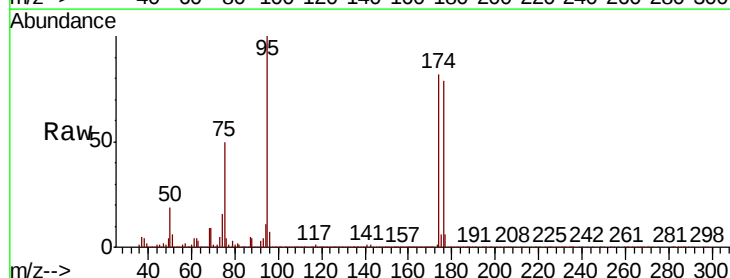
Manual Integrations
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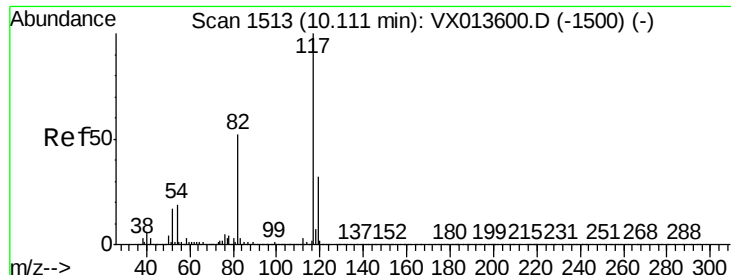
apatel
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#62
 4-Bromofluorobenzene
 Concen: 47.684 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX013892.D
 Acq: 10 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.7	0.0	180.0
176	85.1	0.0	173.6





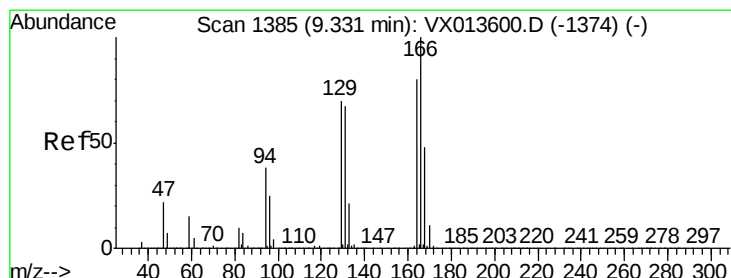
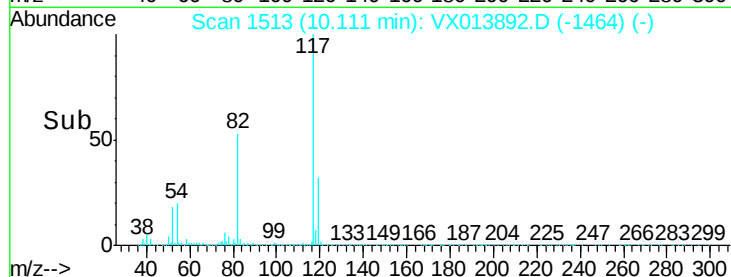
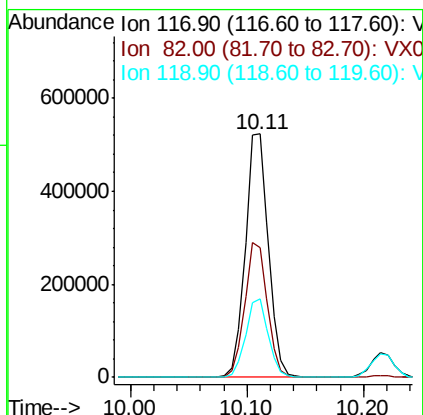
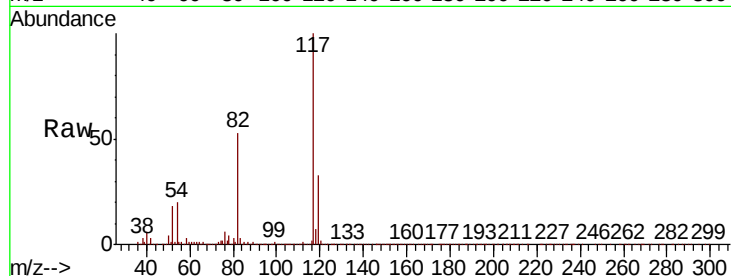
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	53.2	41.8	62.8
119	32.5	25.8	38.8

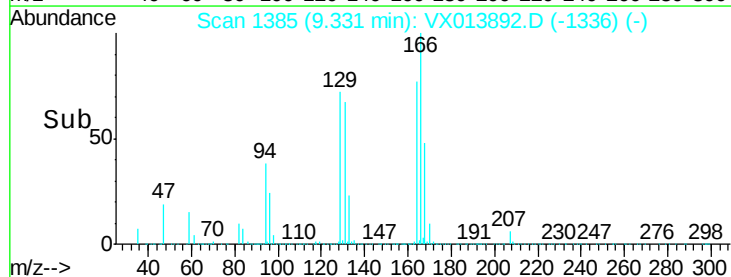
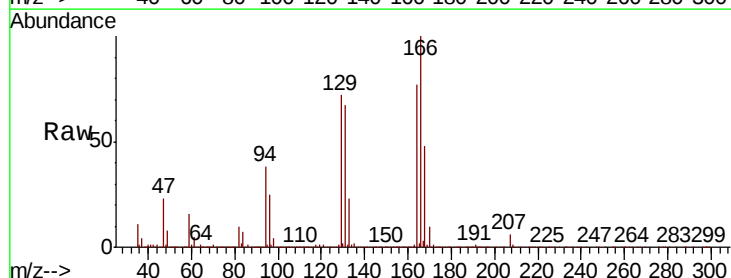
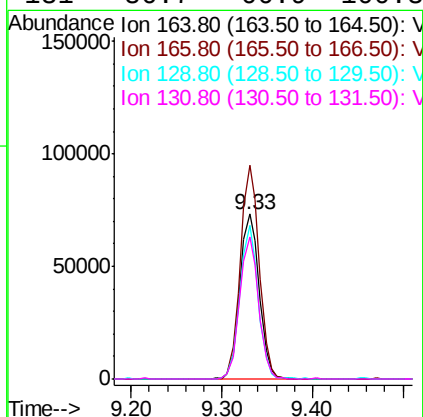
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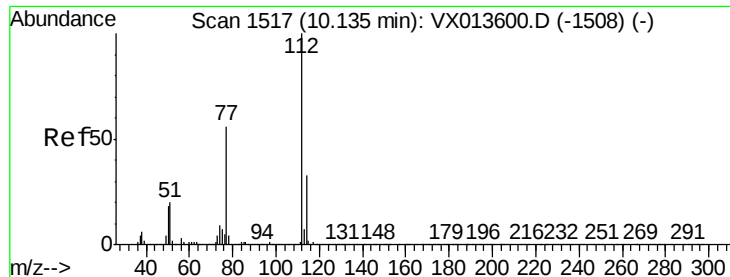
apatel
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#64
Tetrachloroethene
Concen: 20.041 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	129.8	99.7	149.5
129	92.9	70.1	105.1
131	86.7	66.9	100.3





#65

Chlorobenzene

Concen: 19.107 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion:112 Resp: 287136

Ion Ratio Lower Upper

112 100

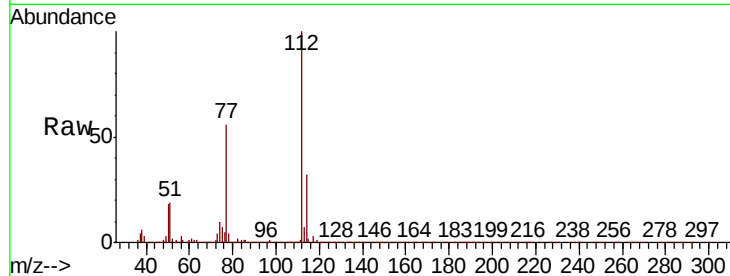
114 32.4 26.1 39.1

Manual Integrations

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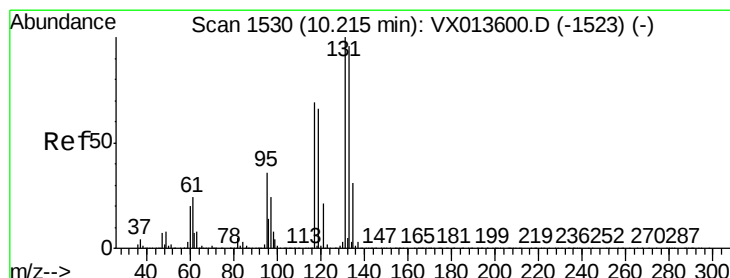
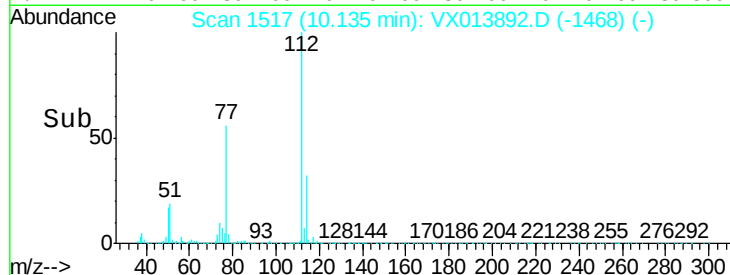
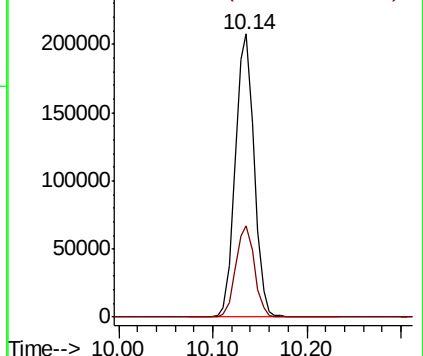
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.501 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

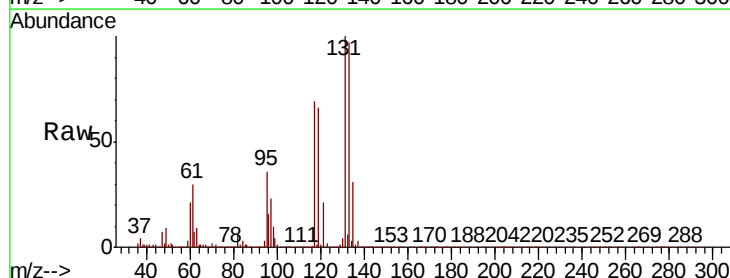
Tgt Ion:131 Resp: 105237

Ion Ratio Lower Upper

131 100

133 96.3 47.7 143.1

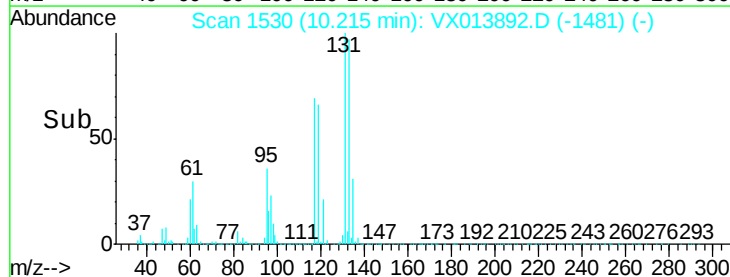
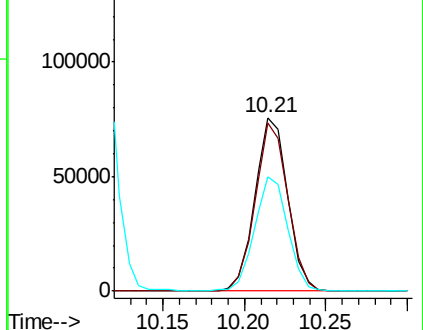
119 66.1 32.9 98.6

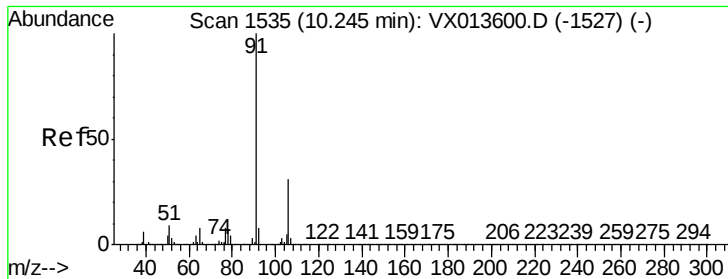


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





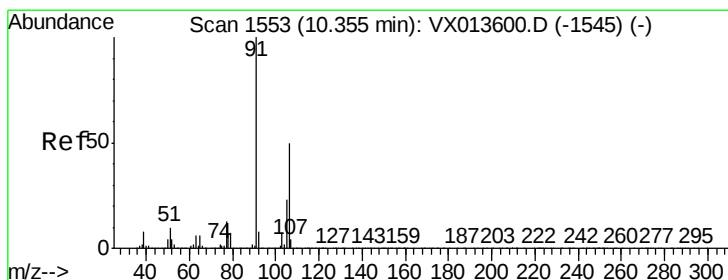
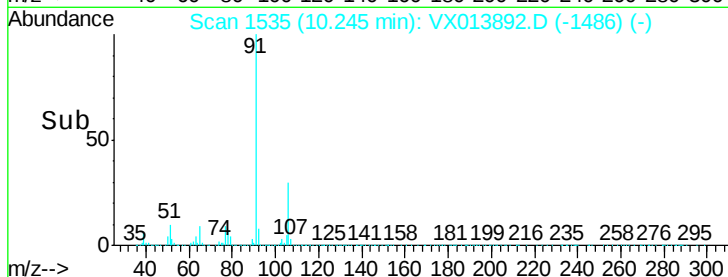
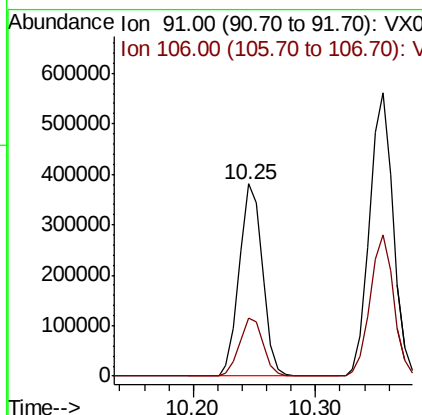
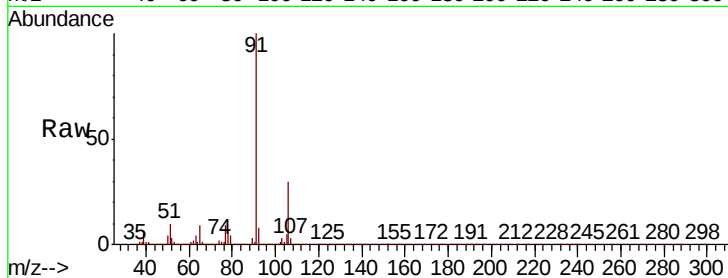
#67
Ethyl Benzene
Concen: 19.320 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion: 91 Resp: 498909
Ion Ratio Lower Upper
91 100
106 30.2 24.5 36.7

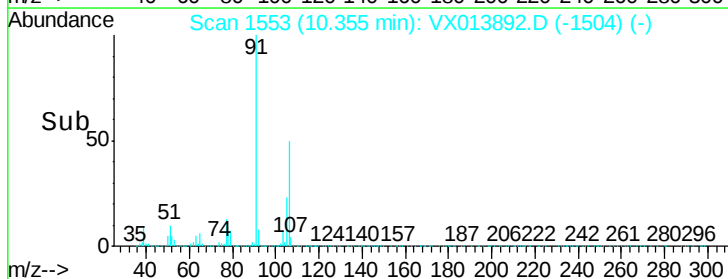
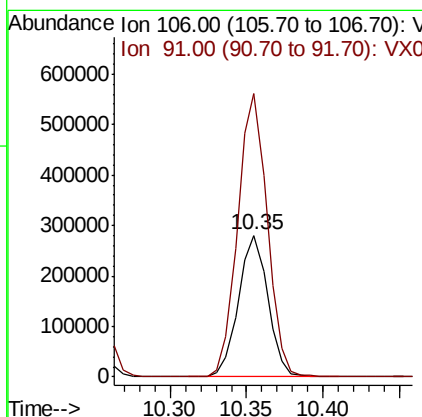
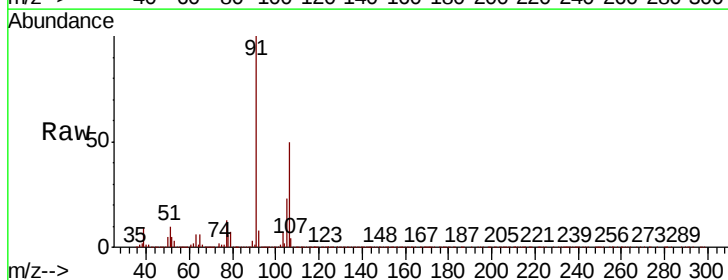
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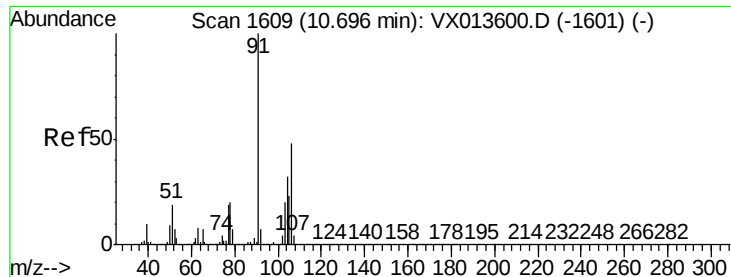
apatel
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#68
m/p-Xylenes
Concen: 37.787 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Tgt Ion: 106 Resp: 373592
Ion Ratio Lower Upper
106 100
91 200.6 159.0 238.4





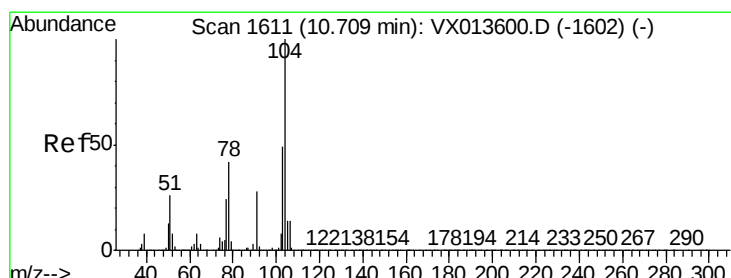
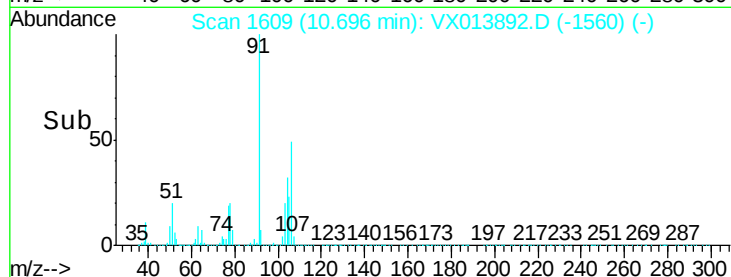
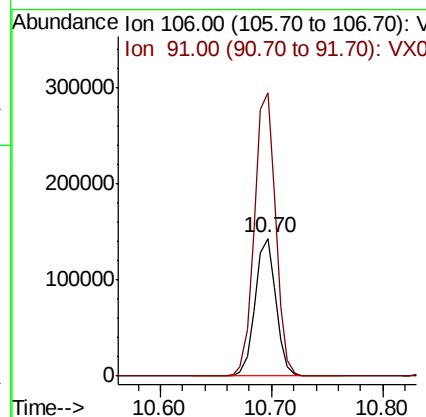
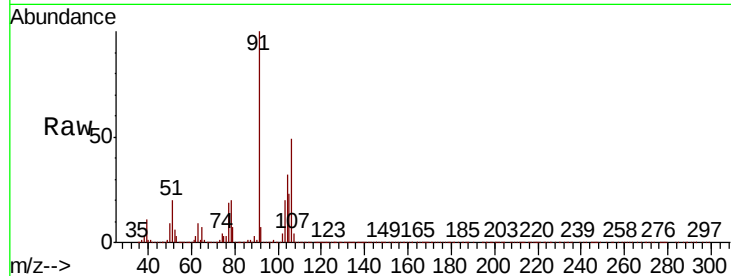
#69
o-Xylene
Concen: 19.228 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.3	104.1	312.2

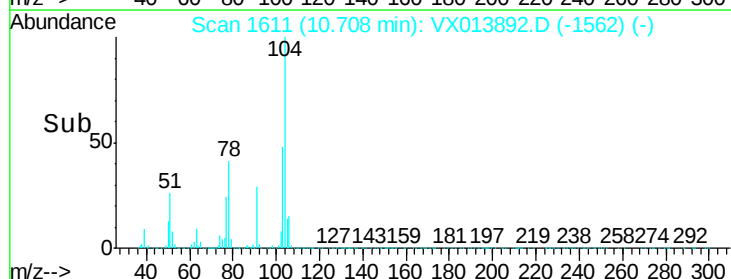
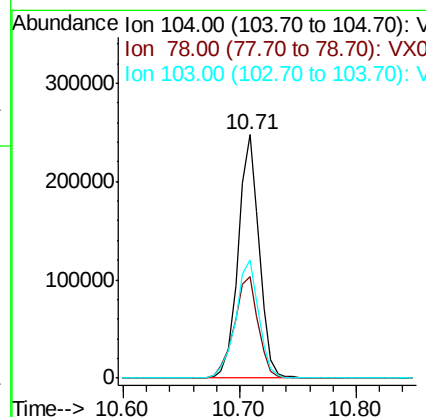
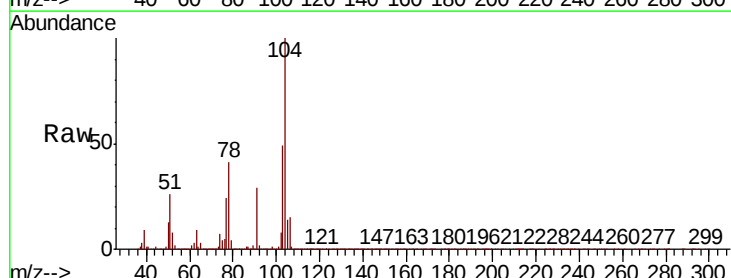
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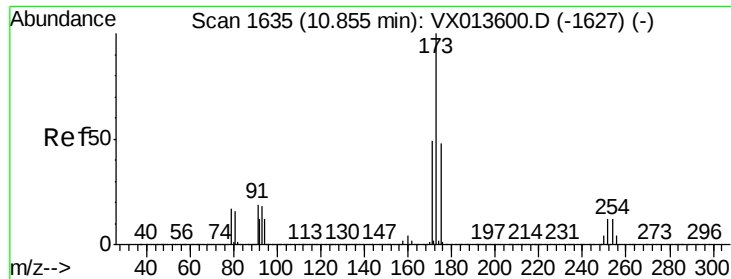
apatel
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#70
Styrene
Concen: 19.111 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.0	38.5	57.7
103	53.6	43.7	65.5





#71

Bromoform

Concen: 18.575 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion:173 Resp: 82936

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.8

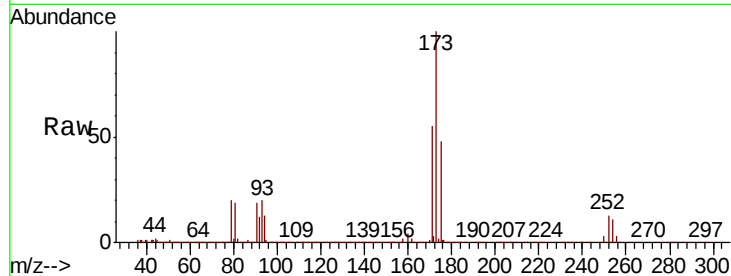
254 0.3 0.2 0.4

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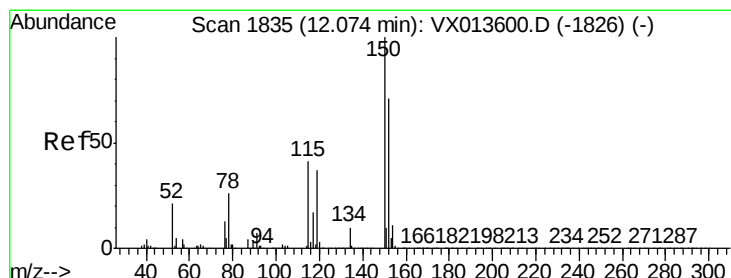
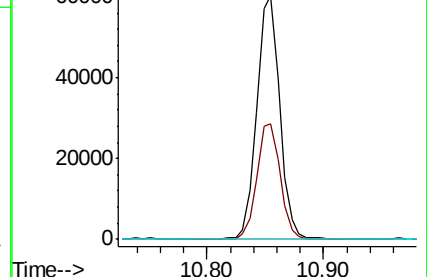
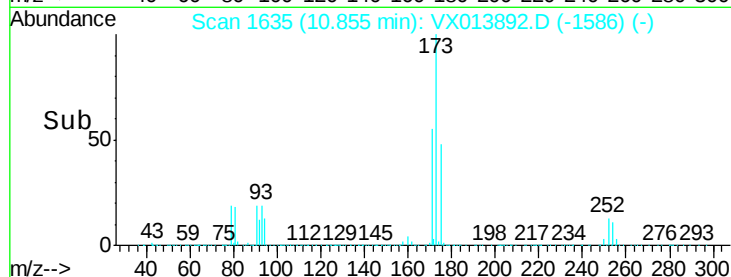
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX013892.D

Acq: 10 Dec 2019 12:52

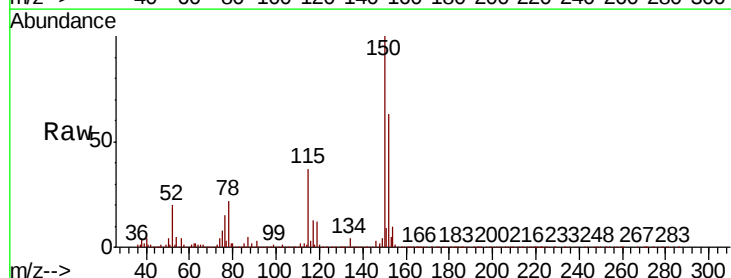
Tgt Ion:152 Resp: 354322

Ion Ratio Lower Upper

152 100

115 65.0 38.4 115.1

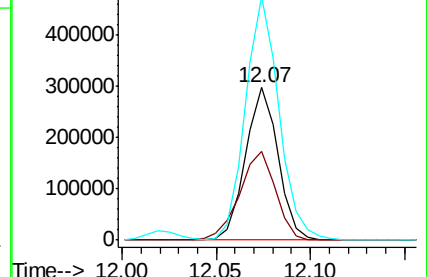
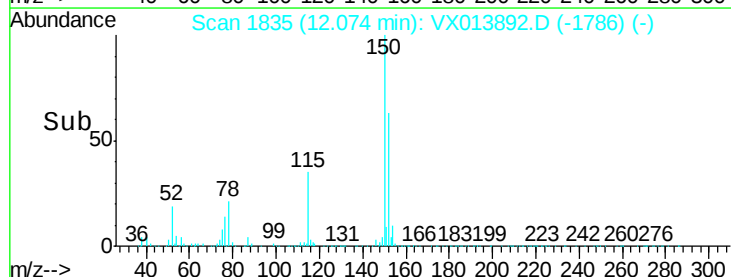
150 164.8 0.0 346.8

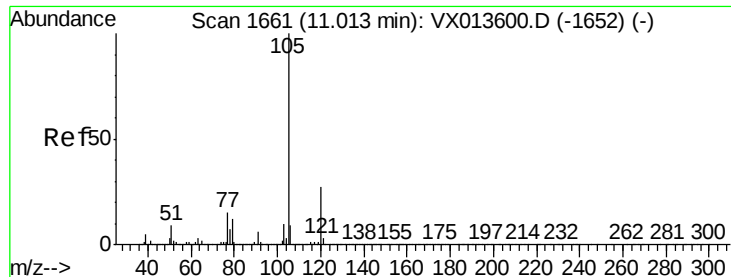


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.793 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion: 105 Resp: 491936

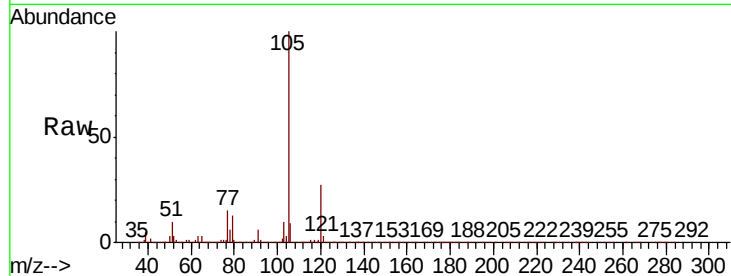
Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.5

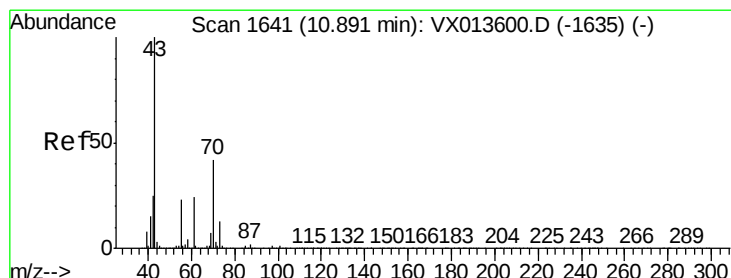
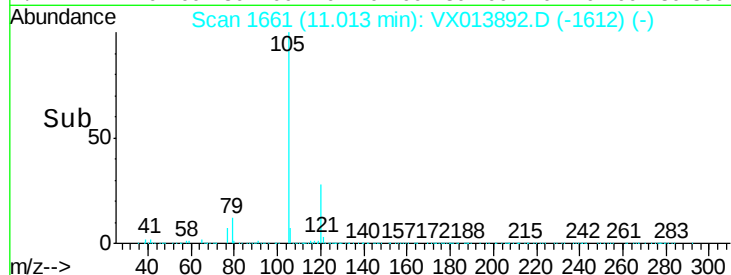
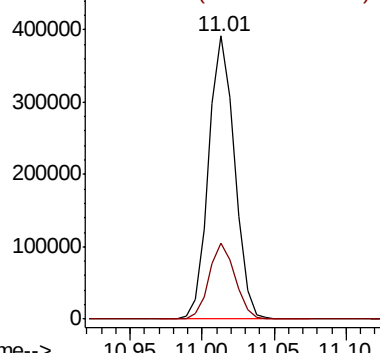
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.514 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Tgt Ion: 43 Resp: 222171

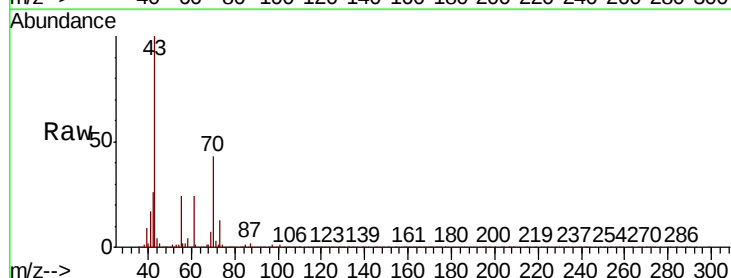
Ion Ratio Lower Upper

43 100

70 43.2 34.3 51.5

55 24.3 18.5 27.7

61 24.0 19.8 29.8

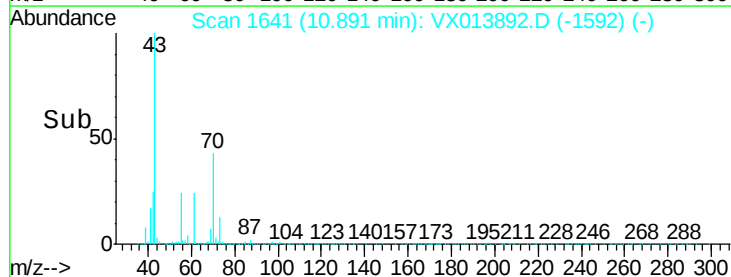
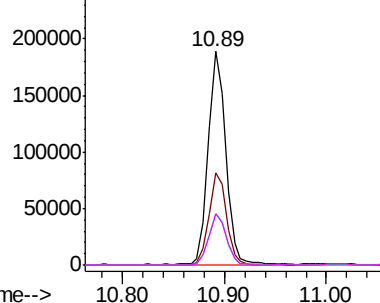


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.843 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Instrument :

MSVOA_X

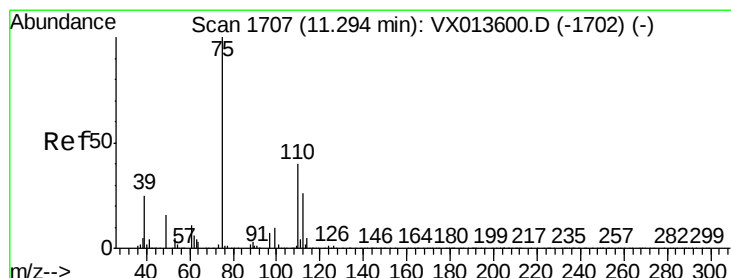
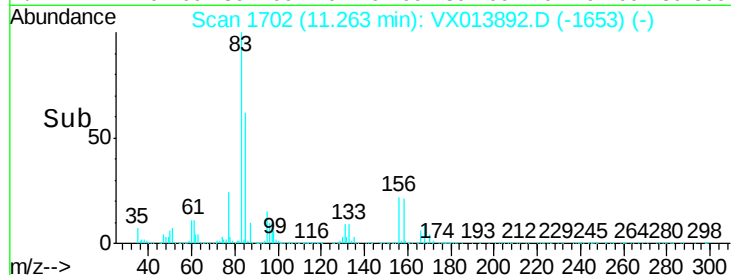
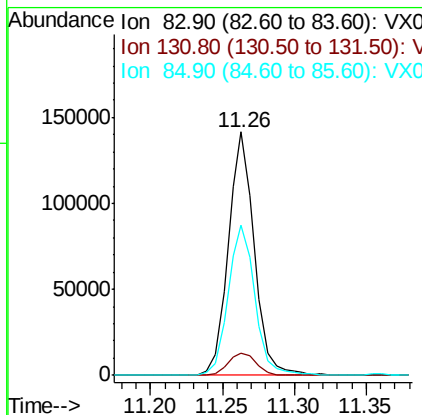
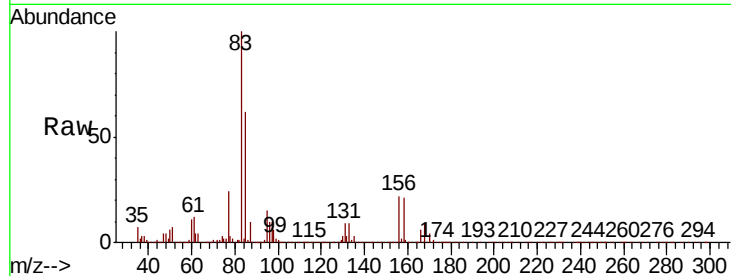
ClientSampleId :

VX1210WBSD01

Tot Ion:	83	Resp:	179656
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.3
85	63.1	31.8	95.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.287 ug/l m

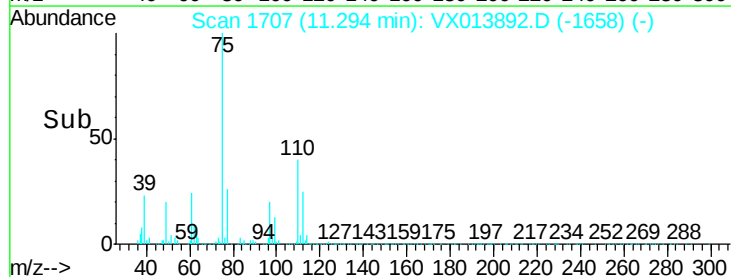
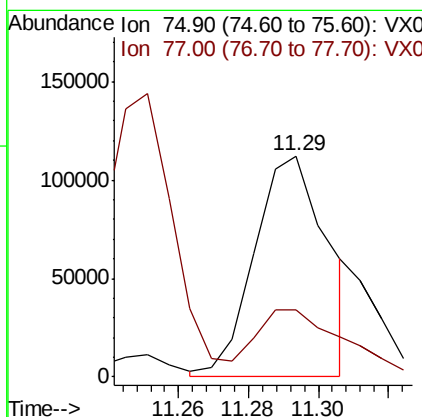
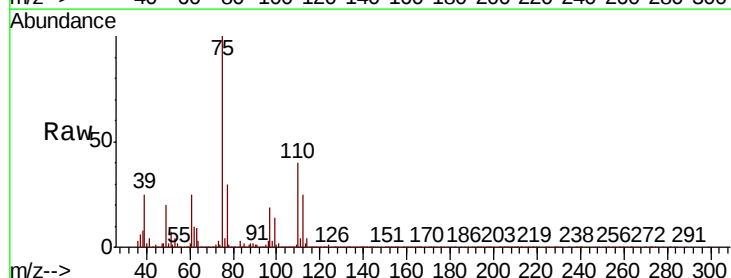
RT: 11.29 min Scan# 1707

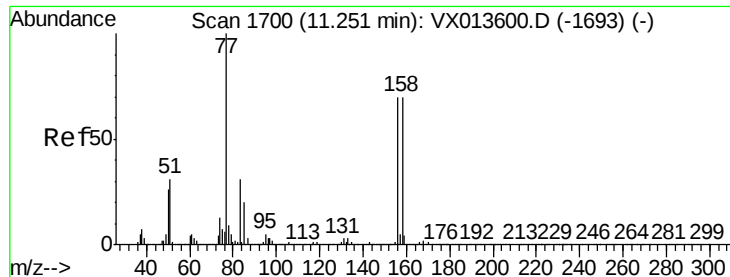
Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Tgt Ion:	75	Resp:	161675
Ion Ratio	Lower	Upper	
75	100		
77	36.4	19.1	57.5





#77

Bromobenzene

Concen: 19.173 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Instrument :

MSVOA_X

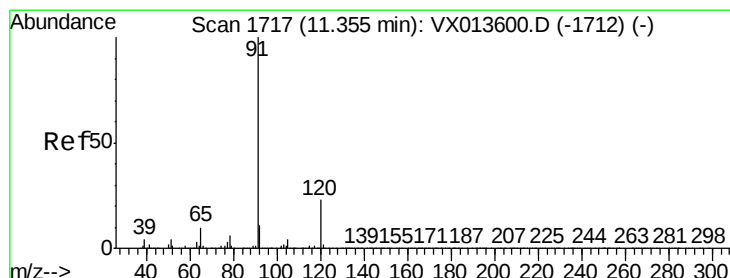
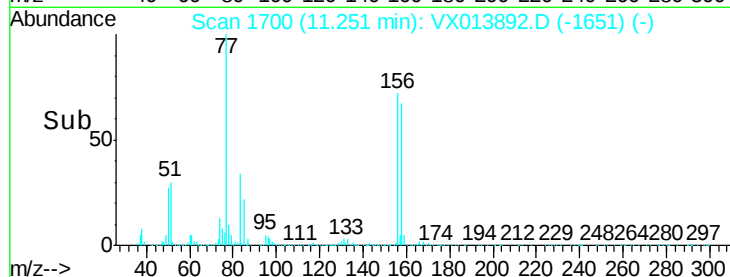
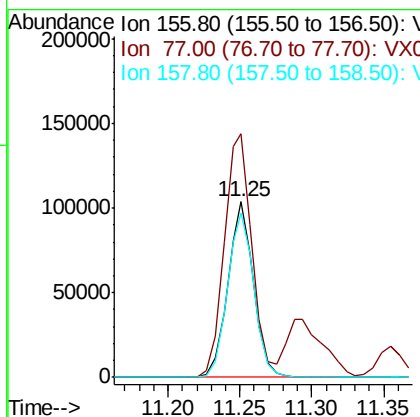
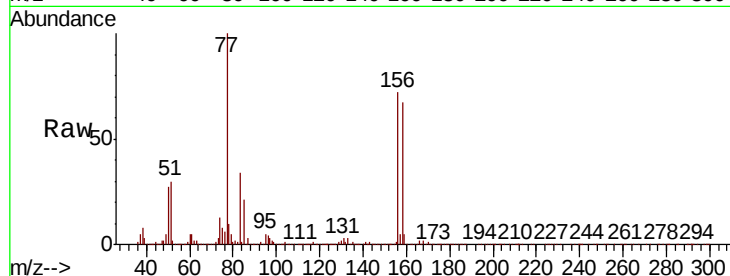
ClientSampleId :

VX1210WBSD01

Tot Ion:	156	Resp:	128737
Ion Ratio	Lower	Upper	
156	100		
77	150.4	74.4	223.1
158	96.9	48.9	146.6

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#78

n-propylbenzene

Concen: 19.979 ug/l

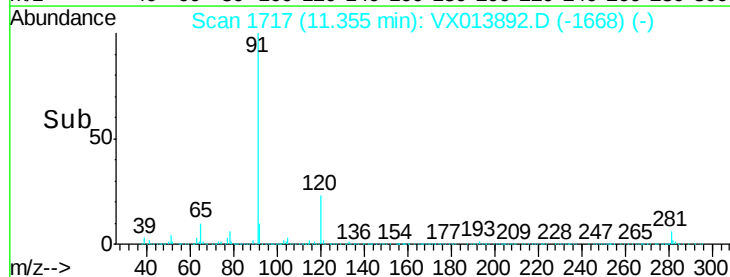
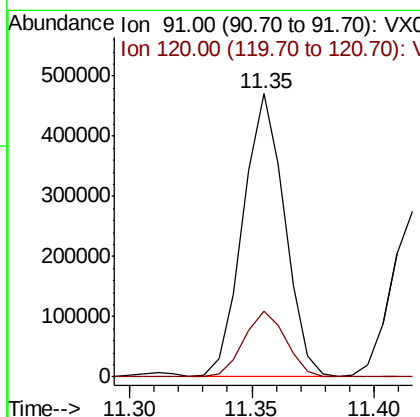
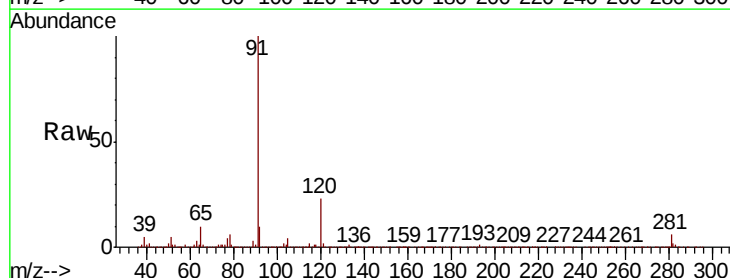
RT: 11.35 min Scan# 1717

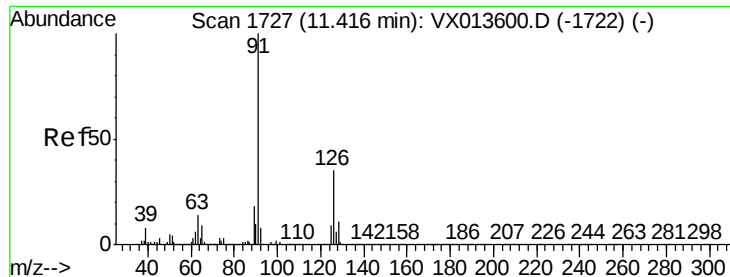
Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Tgt Ion:	91	Resp:	554314
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.3





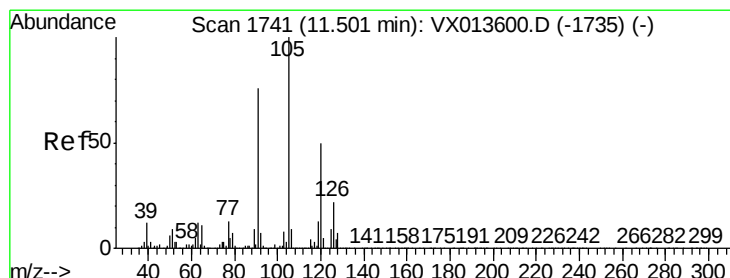
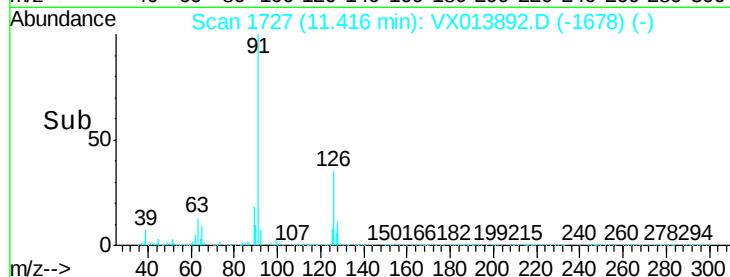
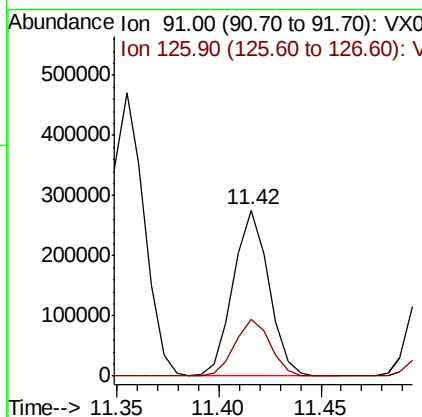
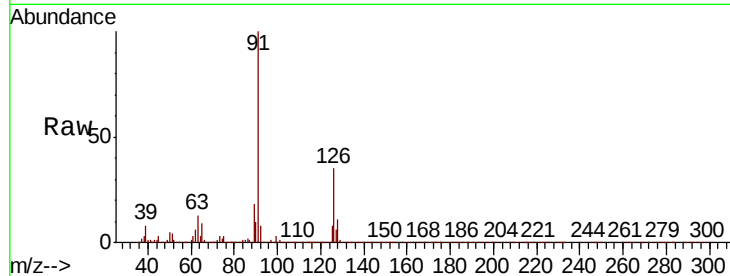
#79
 2-Chlorotoluene
 Concen: 19.888 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013892.D
 Acq: 10 Dec 2019 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD01

Tot Ion: 91 Resp: 331013
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.5 52.5

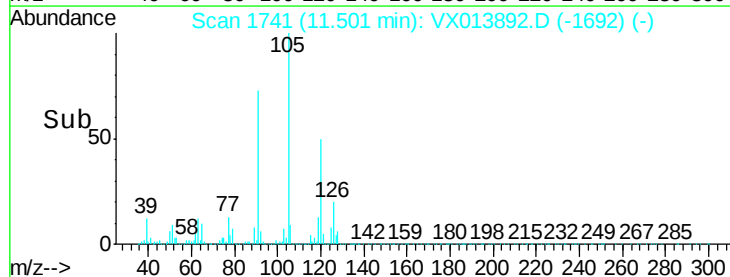
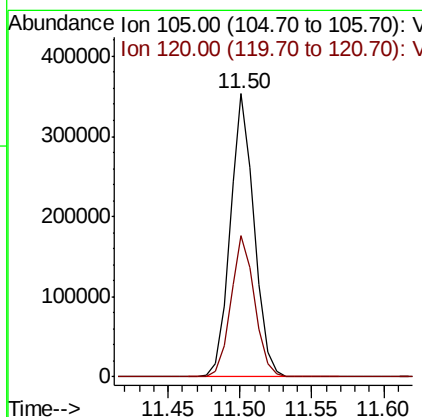
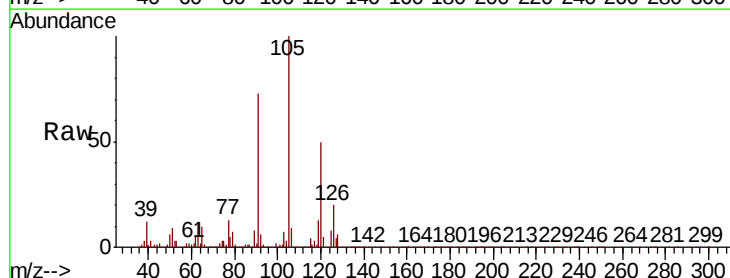
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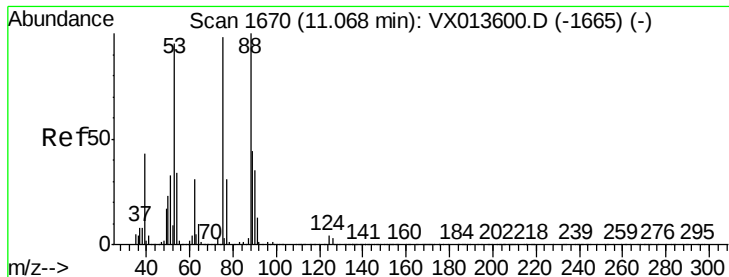
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.051 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013892.D
 Acq: 10 Dec 2019 12:52

Tgt Ion: 105 Resp: 408456
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 17.463 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Instrument :

MSVOA_X

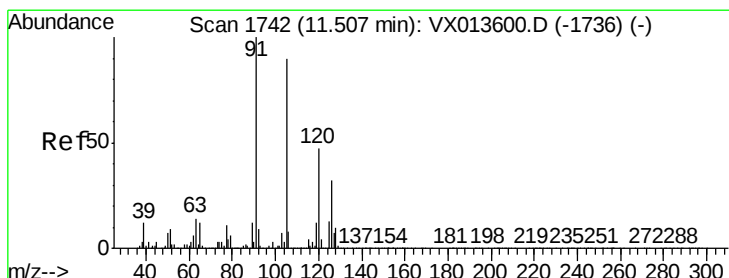
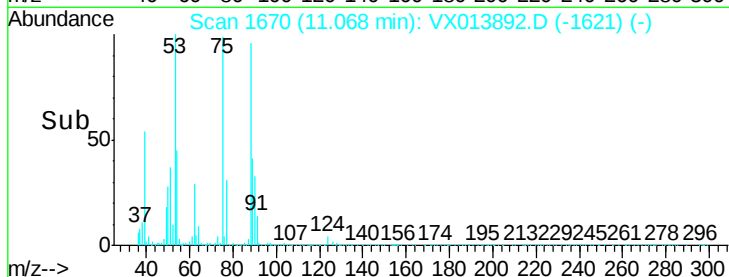
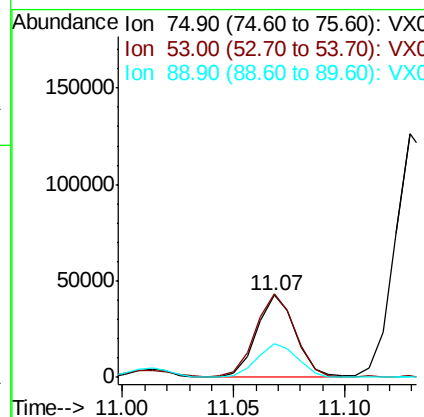
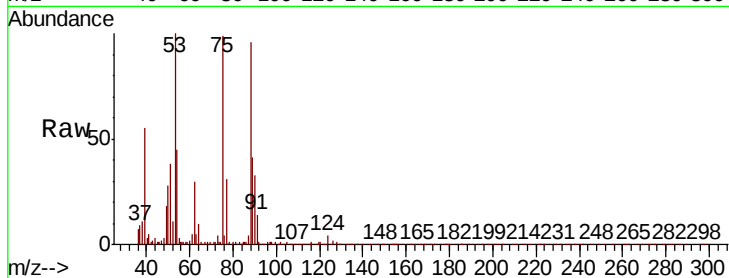
ClientSampleId :

VX1210WBSD01

Tot Ion:	75	Resp:	50870
Ion	Ratio	Lower	Upper
75	100		
53	104.8	78.2	117.2
89	42.4	35.4	53.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.320 ug/l

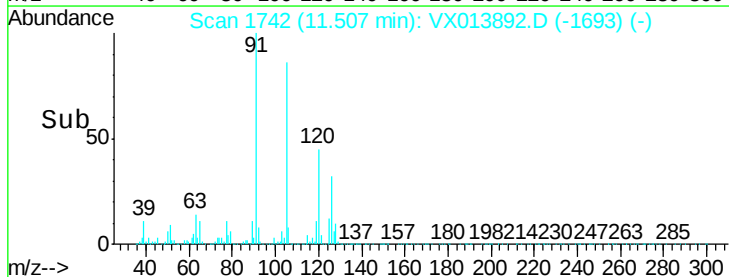
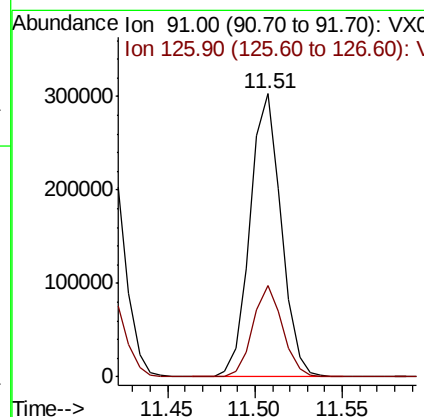
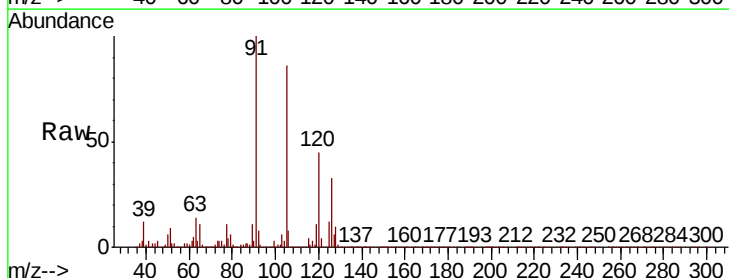
RT: 11.51 min Scan# 1742

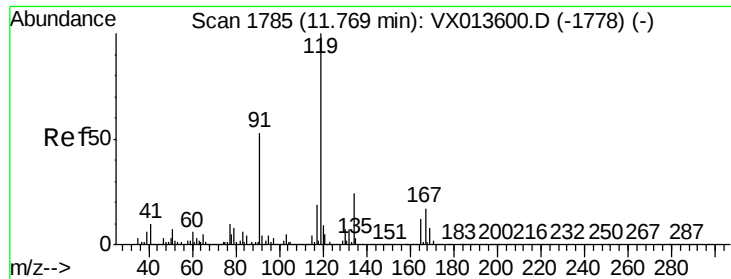
Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Tgt Ion:	91	Resp:	372424
Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.7	47.0





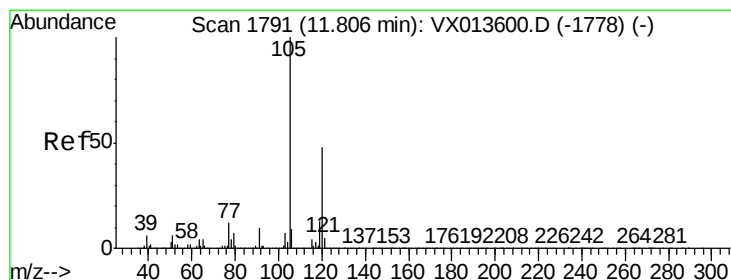
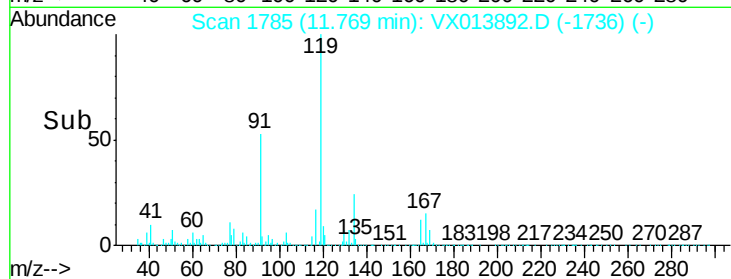
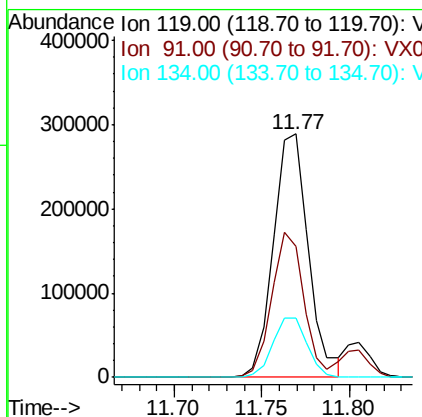
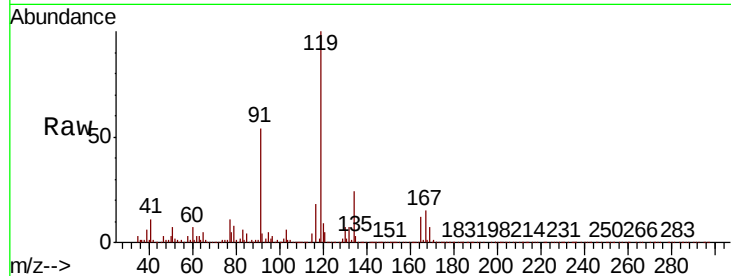
#83
tert-Butylbenzene
Concen: 19.424 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	402116		
91	54.5	27.2	81.6	
134	24.4	11.7	35.1	

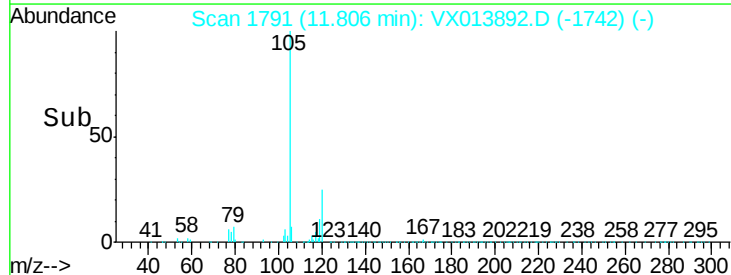
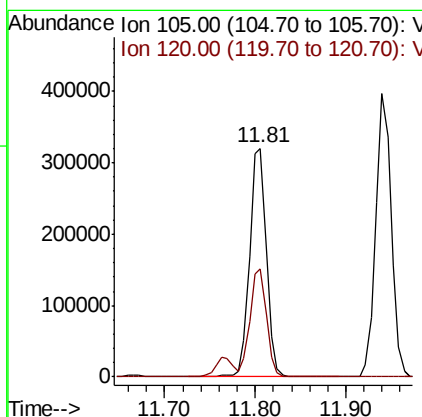
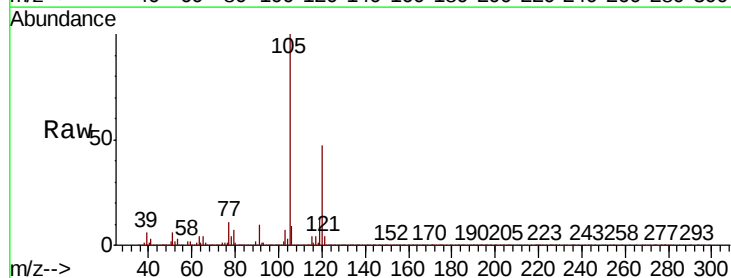
Manual Integrations
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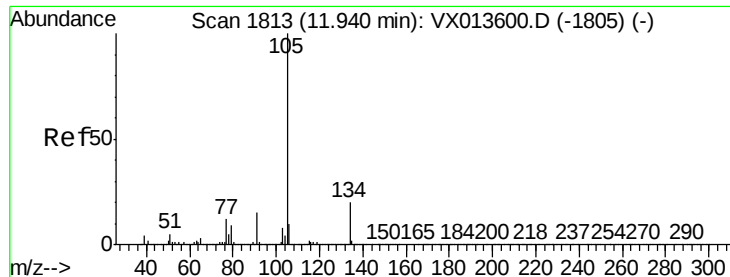
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#84
1,2,4-Trimethylbenzene
Concen: 19.794 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	409214		
120	46.5	23.1	69.3	





#85

sec-Butylbenzene

Concen: 19.908 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tot Ion:105 Resp: 470747

Ion Ratio Lower Upper

105 100

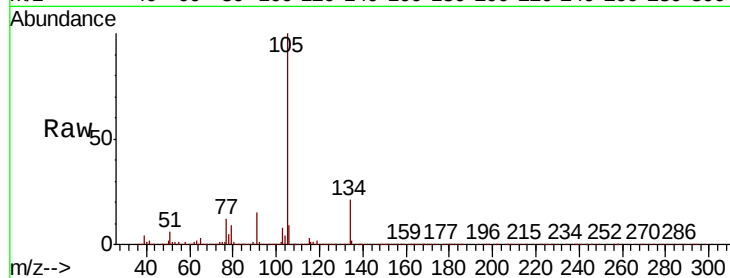
134 20.9 10.4 31.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

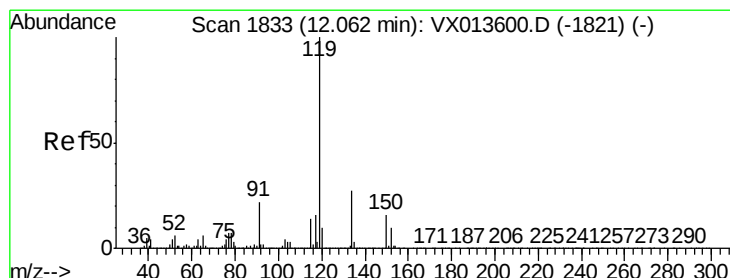
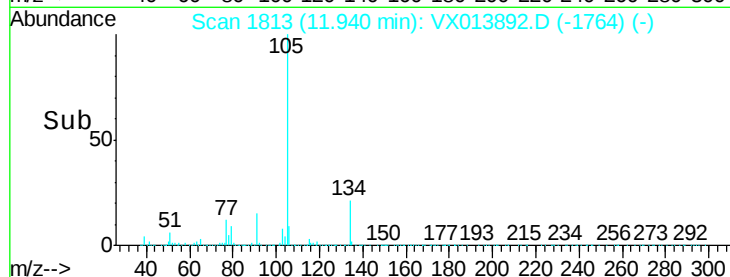
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.618 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

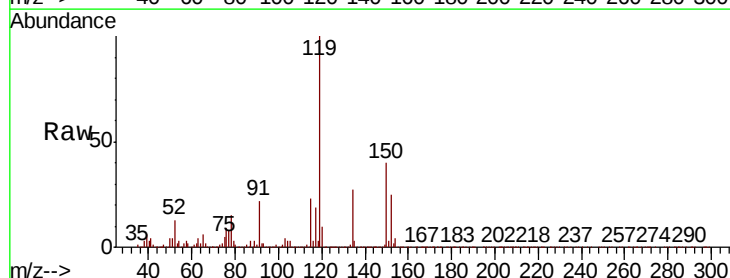
Tgt Ion:119 Resp: 431556

Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.9

91 22.5 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

400000

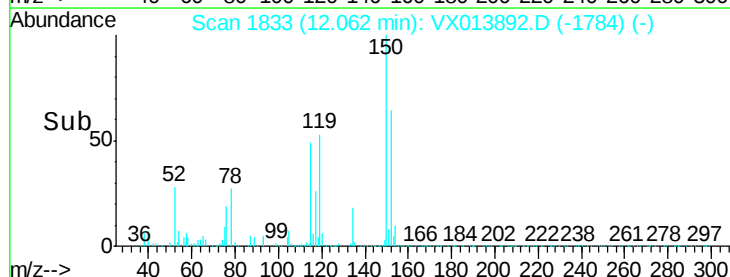
300000

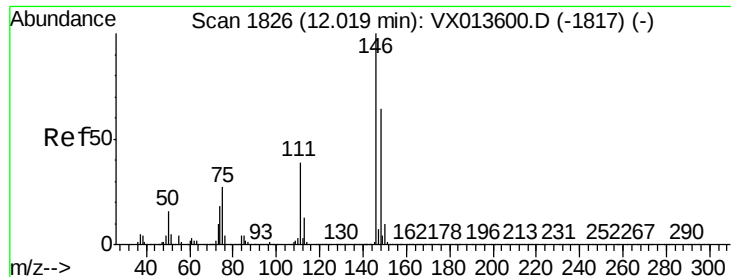
200000

100000

0

Time-->





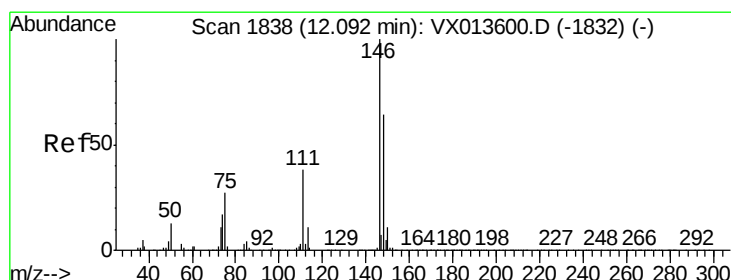
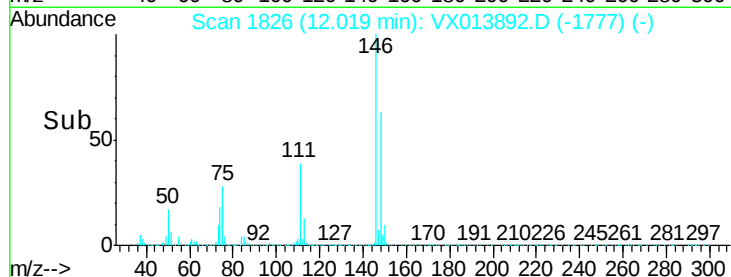
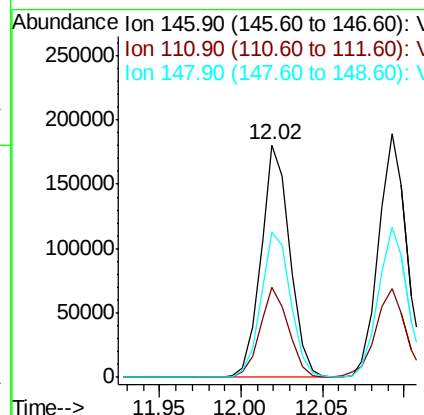
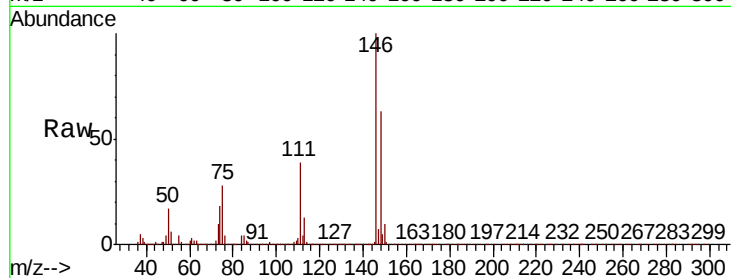
#87
 1,3-Dichlorobenzene
 Concen: 18.834 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013892.D
 Acq: 10 Dec 2019 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.0	57.0
148	64.2	31.8	95.4

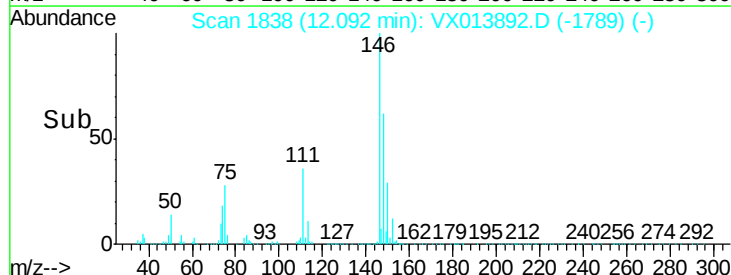
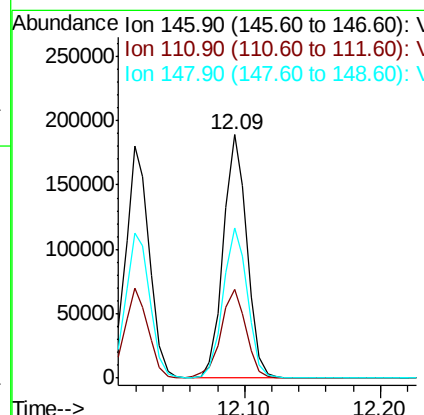
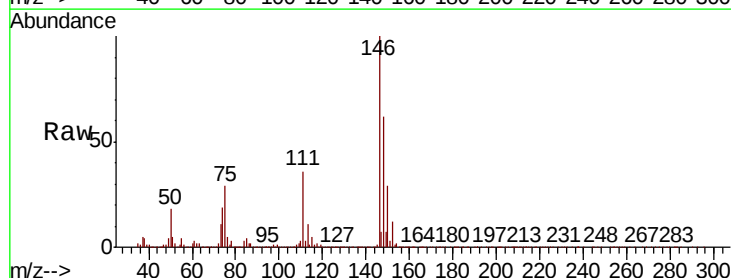
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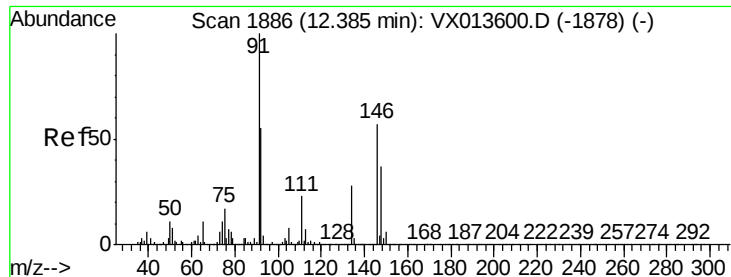
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#88
 1,4-Dichlorobenzene
 Concen: 19.041 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013892.D
 Acq: 10 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.9
148	63.5	31.9	95.5





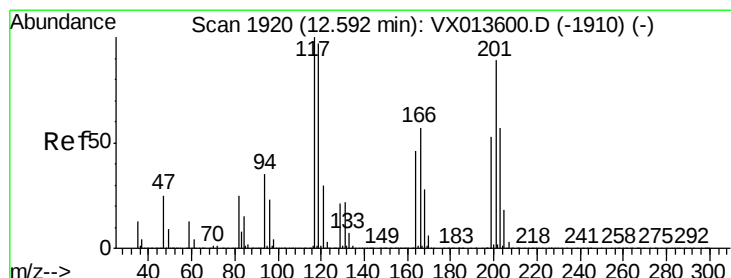
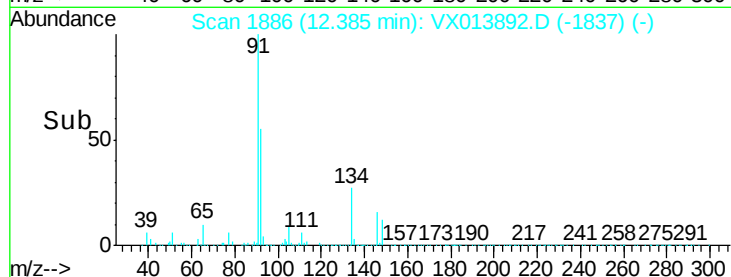
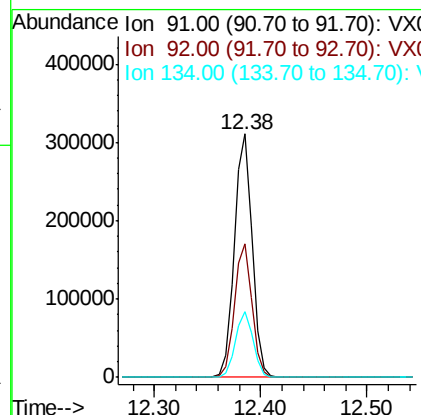
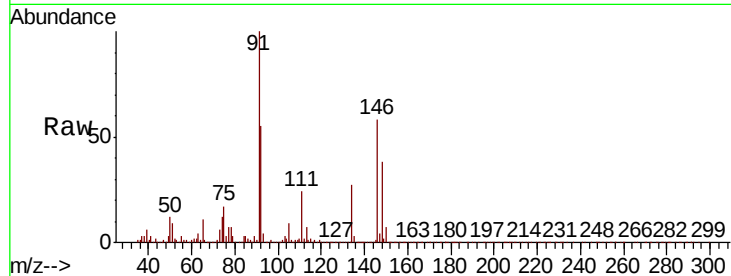
#89
n-Butylbenzene
Concen: 19.456 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.4	82.2
134	26.8	13.5	40.4

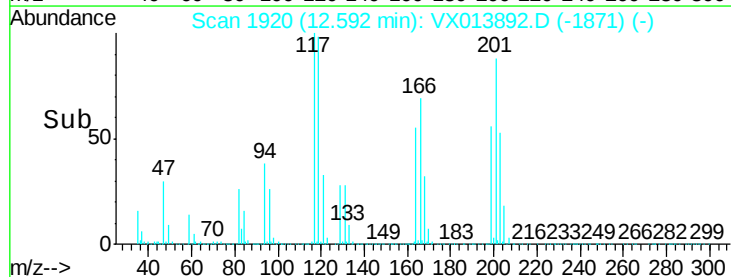
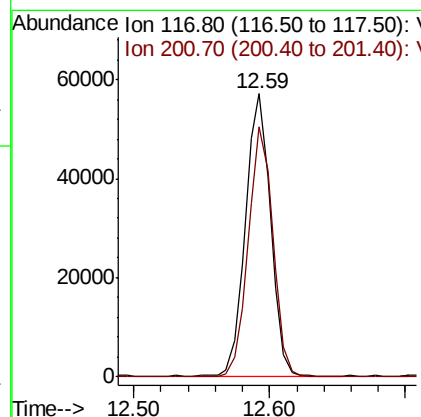
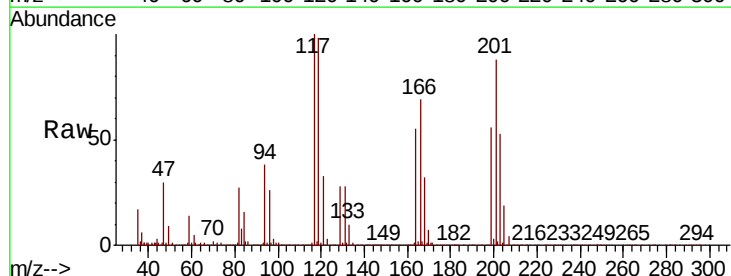
Manual Integrations
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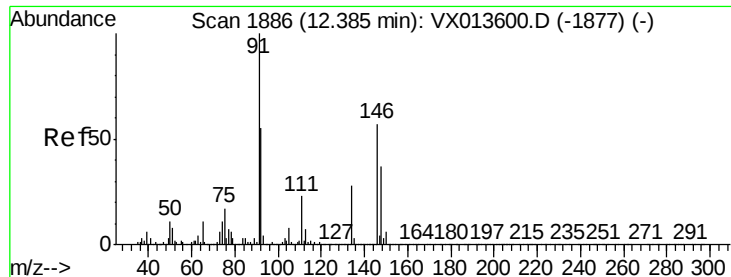
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#90
Hexachloroethane
Concen: 18.626 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.6	44.1	132.4





#91

1,2-Dichlorobenzene

Concen: 19.287 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Instrument :

MSVOA_X

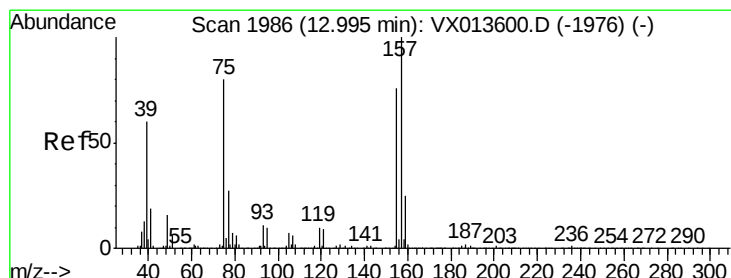
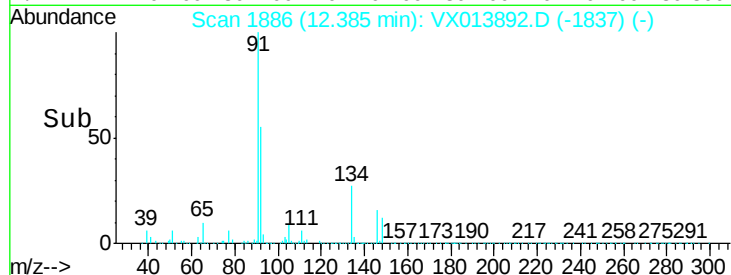
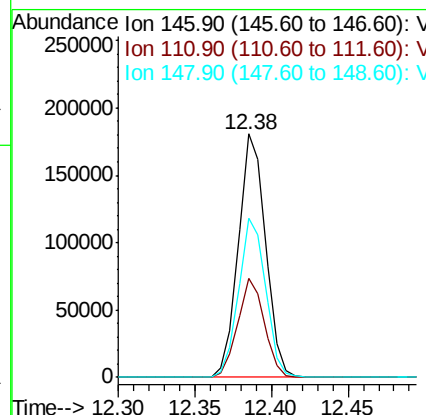
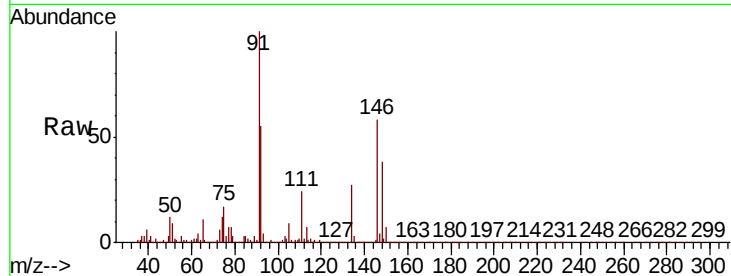
ClientSampleId :

VX1210WBSD01

Tot Ion:	146	Resp:	223045
Ion Ratio	Lower	Upper	
146	100		
111	39.9	19.6	58.7
148	64.8	31.9	95.7

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.432 ug/l

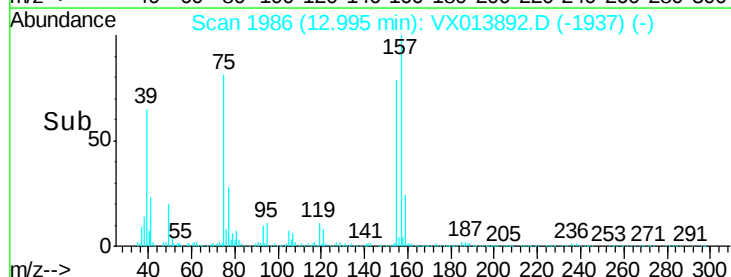
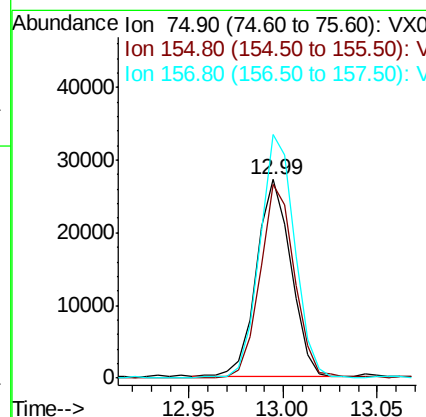
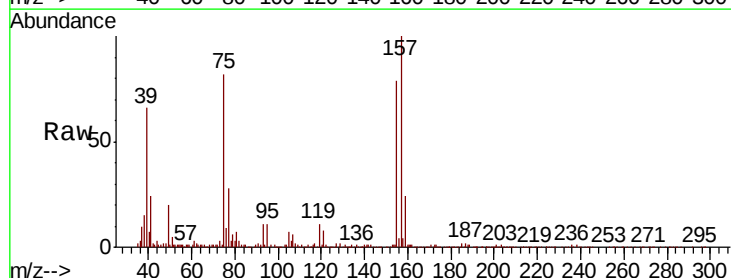
RT: 12.99 min Scan# 1986

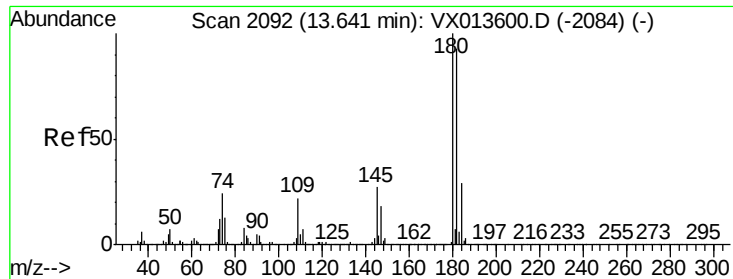
Delta R.T. -0.00 min

Lab File: VX013892.D

Acq: 10 Dec 2019 12:52

Tgt Ion:	75	Resp:	34597
Ion Ratio	Lower	Upper	
75	100		
155	98.4	47.6	142.8
157	123.8	62.1	186.2





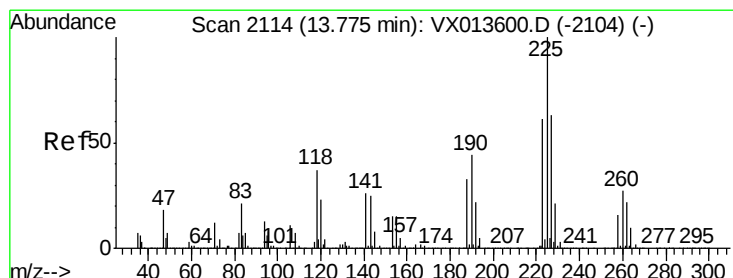
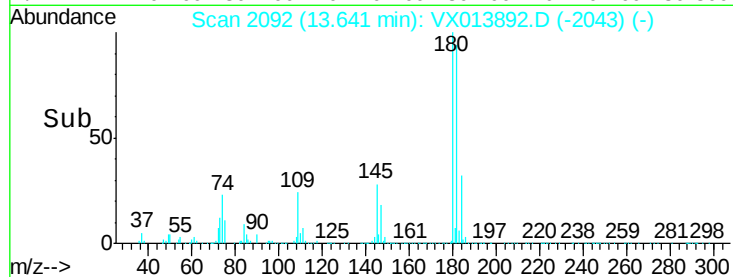
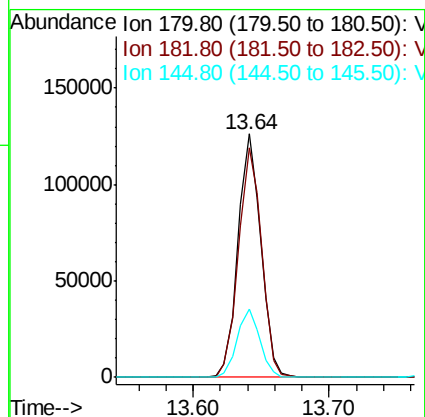
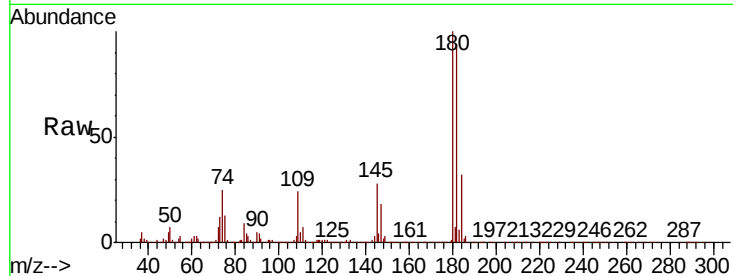
#93
1,2,4-Trichlorobenzene
Concen: 18.349 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	147889		
182	95.2	47.2	141.6	
145	28.0	13.8	41.4	

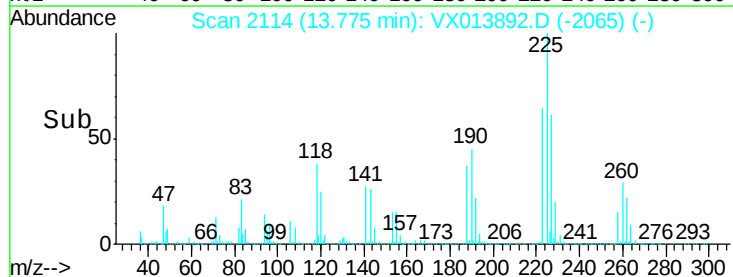
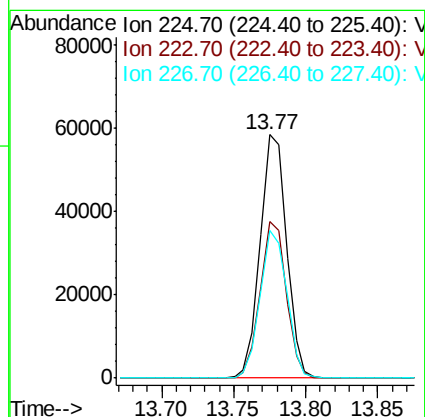
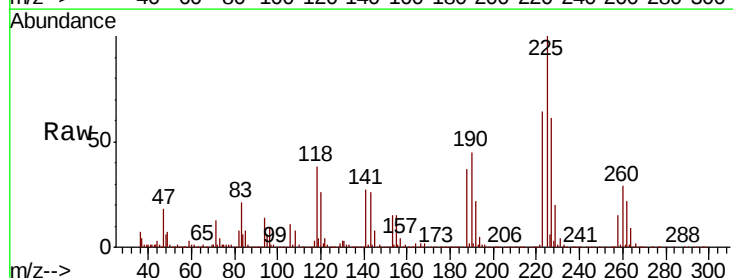
Manual Integrations
APPROVED

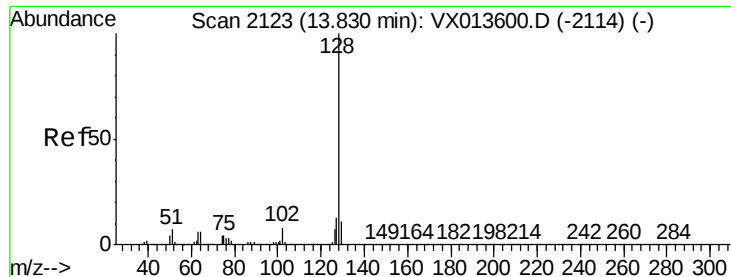
apatel
12/11/2019 2:14:02 PM



#94
Hexachlorobutadiene
Concen: 19.137 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	74091		
223	63.2	31.9	95.5	
227	61.0	32.1	96.3	





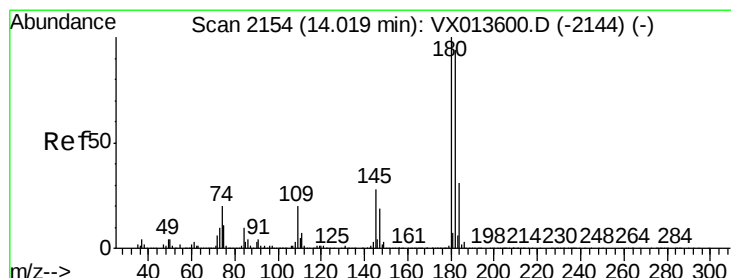
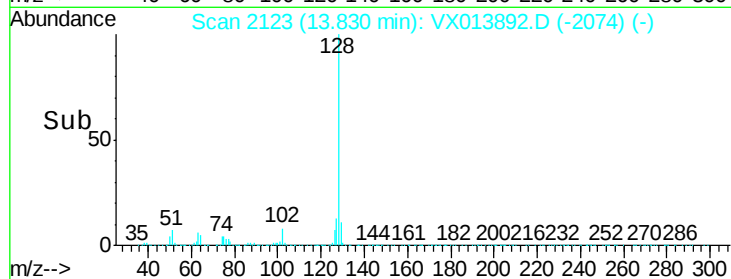
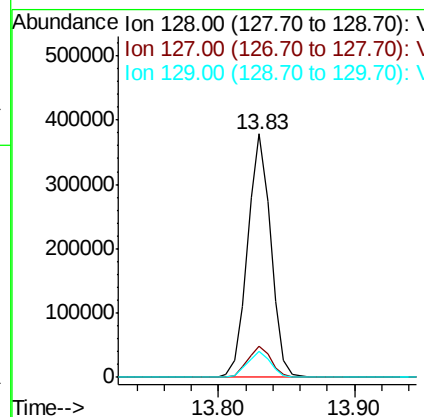
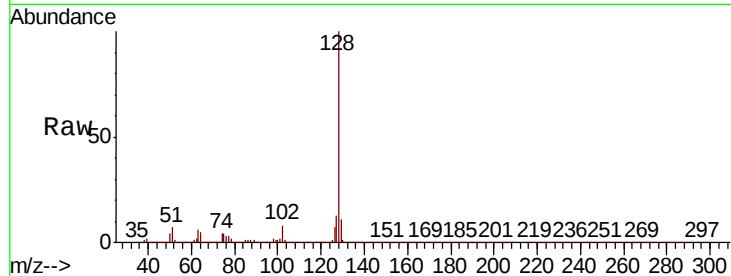
#95
Naphthalene
Concen: 18.695 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

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

Manual Integrations
APPROVED

apatel
12/11/2019 2:14:02 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.843 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013892.D
Acq: 10 Dec 2019 12:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.6	142.8
145	29.4	15.0	45.0

