

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122618\
 Data File : VX006811.D
 Acq On : 26 Dec 2018 12:03
 Operator : JC/MD
 Sample : VX1226MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/27/2018 9:39:00 AM

Quant Time: Dec 27 03:28:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	594008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	862515	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	792184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	415467	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	298722	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
35) Dibromofluoromethane	5.50	113	270565	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	8.71	98	1006596	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.13	95	373904	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	93676	17.238	ug/l	98
3) Chloromethane	1.33	50	104064	17.775	ug/l	95
4) Vinyl Chloride	1.41	62	110114	18.009	ug/l	100
5) Bromomethane	1.64	94	109201	17.908	ug/l	99
6) Chloroethane	1.72	64	72453	17.113	ug/l	96
7) Trichlorofluoromethane	1.93	101	176732	18.539	ug/l	97
8) Diethyl Ether	2.19	74	70110	18.516	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	107853	19.269	ug/l	99
10) Methyl Iodide	2.51	142	152580	19.043	ug/l	100
11) Tert butyl alcohol	3.06	59	152253	106.564	ug/l	98
12) 1,1-Dichloroethene	2.38	96	96100	18.107	ug/l	97
13) Acrolein	2.29	56	82413	85.505	ug/l	100
14) Allyl chloride	2.73	41	170355	19.069	ug/l	99
15) Acrylonitrile	3.15	53	319857	100.830	ug/l	99
16) Acetone	2.45	43	299991	101.994	ug/l	99
17) Carbon Disulfide	2.57	76	211838	15.083	ug/l	99
18) Methyl Acetate	2.78	43	187048	21.627	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	350842	19.917	ug/l	98
20) Methylene Chloride	2.86	84	115019	18.911	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	106759	18.155	ug/l	95
22) Diisopropyl ether	3.87	45	326908	20.003	ug/l	98
23) Vinyl Acetate	3.82	43	1316294	98.465	ug/l	99
24) 1,1-Dichloroethane	3.70	63	183894	18.849	ug/l	98
25) 2-Butanone	4.70	43	422611	102.148	ug/l	97
26) 2,2-Dichloropropane	4.59	77	138913	18.433	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	123066	18.968	ug/l	99
28) Bromochloromethane	5.02	49	81059	18.544	ug/l	98
29) Tetrahydrofuran	5.15	42	272050	99.838	ug/l	97
30) Chloroform	5.21	83	193501	19.153	ug/l	95
31) Cyclohexane	5.57	56	162899	18.379	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	162306	19.026	ug/l	98
36) 1,1-Dichloropropene	5.80	75	138754	19.424	ug/l	100
37) Ethyl Acetate	4.85	43	154117	20.728	ug/l	99
38) Carbon Tetrachloride	5.78	117	136297	19.632	ug/l	95

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 ALS Vial : 5 Sample Multiplier: 1

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 ClientSampleID :
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Manual Integrations
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MMDadoda
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	173511	18.449	ug/l	97
40) Benzene	6.14	78	428265	19.723	ug/l	99
41) Methacrylonitrile	5.06	41	85556	21.674	ug/l	98
42) 1,2-Dichloroethane	6.20	62	148910	20.125	ug/l	99
43) Isopropyl Acetate	6.46	43	242956	21.476	ug/l	98
44) Trichloroethene	7.21	130	129782	19.747	ug/l	95
45) 1,2-Dichloropropane	7.51	63	109239	20.673	ug/l	98
46) Dibromomethane	7.66	93	76034	19.562	ug/l	98
47) Bromodichloromethane	7.90	83	129248	20.029	ug/l	98
48) Methyl methacrylate	7.77	41	125732	21.855	ug/l	99
49) 1,4-Dioxane	7.75	88	64699	418.261	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	803799	111.668	ug/l	99
52) Toluene	8.78	92	281852	20.092	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	137441	19.859	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	157185	20.699	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	118014	20.553	ug/l	98
56) Ethyl methacrylate	9.18	69	170381	20.994	ug/l	95
57) 1,3-Dichloropropane	9.37	76	183787	19.894	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	435794	101.019	ug/l	100
59) 2-Hexanone	9.49	43	615668	111.789	ug/l	100
60) Dibromochloromethane	9.58	129	108726	19.587	ug/l	97
61) 1,2-Dibromoethane	9.67	107	123310	20.202	ug/l	100
64) Tetrachloroethene	9.34	164	127424	20.313	ug/l	94
65) Chlorobenzene	10.14	112	325738	19.436	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	112233	21.464	ug/l	98
67) Ethyl Benzene	10.25	91	533386	19.477	ug/l	100
68) m/p-Xylenes	10.36	106	429898	39.782	ug/l	99
69) o-Xylene	10.70	106	210895	19.763	ug/l	98
70) Styrene	10.71	104	339054	20.083	ug/l	100
71) Bromoform	10.86	173	78189	19.559	ug/l #	100
73) Isopropylbenzene	11.02	105	565621	19.900	ug/l	98
74) N-amyl acetate	10.90	43	225079	22.123	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	183430	21.700	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	165578m	21.445	ug/l	
77) Bromobenzene	11.26	156	153927	20.032	ug/l	99
78) n-propylbenzene	11.36	91	619964	19.808	ug/l	99
79) 2-Chlorotoluene	11.42	91	374159	19.726	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	468940	20.031	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	40504	18.845	ug/l	90
82) 4-Chlorotoluene	11.51	91	428560	19.697	ug/l	100
83) tert-Butylbenzene	11.77	119	468900	20.012	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	476829	19.364	ug/l	99
85) sec-Butylbenzene	11.94	105	572025	19.912	ug/l	100
86) p-Isopropyltoluene	12.06	119	505594	20.022	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	278953	20.143	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	277809	19.568	ug/l	99
89) n-Butylbenzene	12.38	91	415964	19.355	ug/l	99
90) Hexachloroethane	12.60	117	69141	19.636	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	281228	20.300	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36652	20.955	ug/l	94

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Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

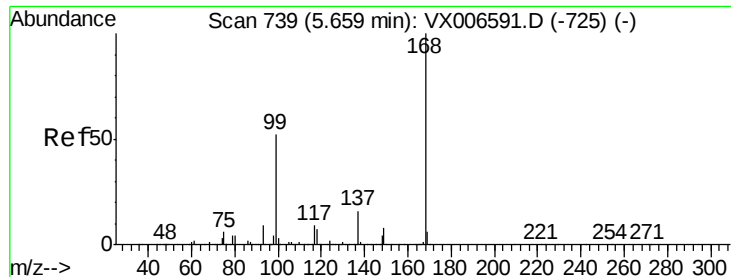
Manual Integrations
APPROVED

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12/27/2018 9:39:00 AM

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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	192245	20.117	ug/l	98
94) Hexachlorobutadiene	13.78	225	93657	20.793	ug/l	98
95) Naphthalene	13.83	128	602987	19.770	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	195400	19.804	ug/l	100

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



#1

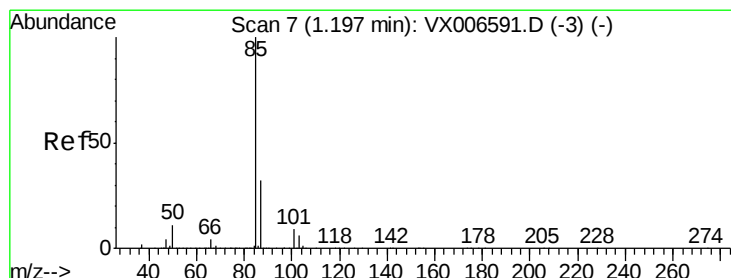
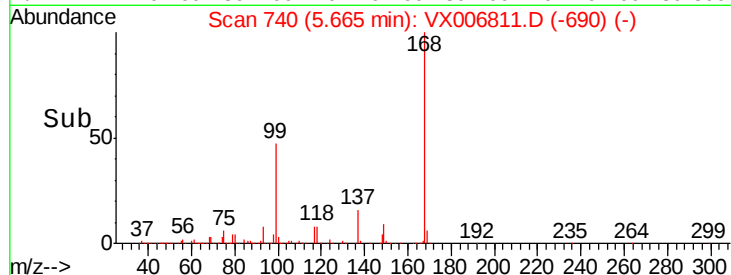
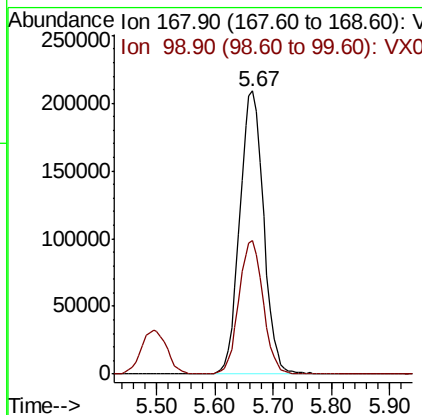
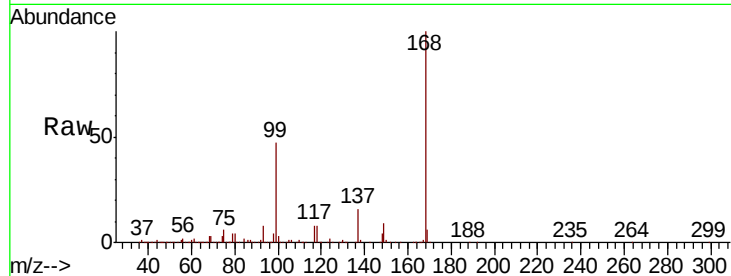
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: VX006811.D
 Acq: 26 Dec 2018 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.1	41.8	62.8

Manual Integrations
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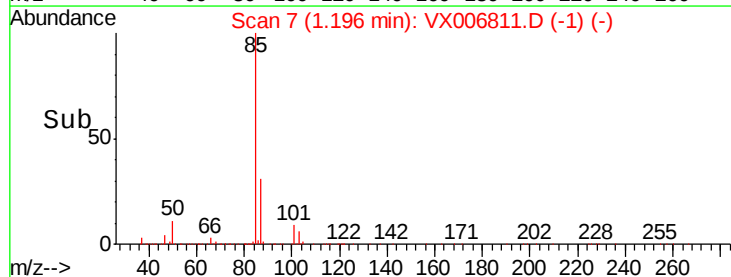
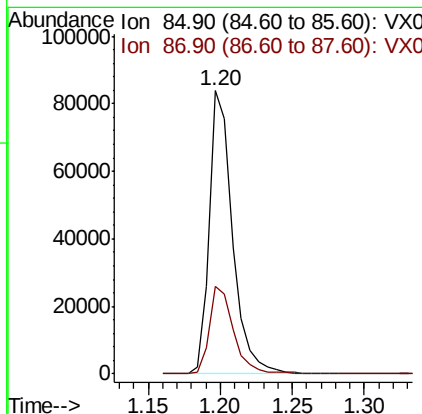
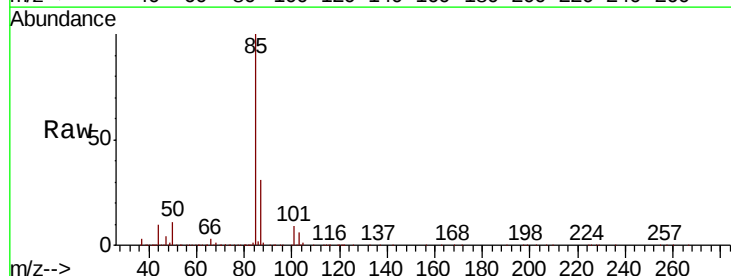
MMDadoda
 12/27/2018 9:39:00 AM

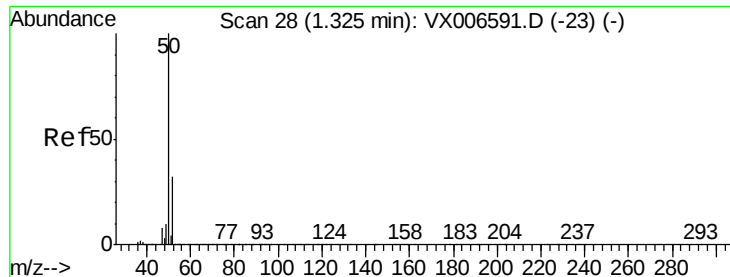


#2

Dichlorodifluoromethane
 Concen: 17.238 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX006811.D
 Acq: 26 Dec 2018 12:03

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.7	15.9	47.6





#3

Chloromethane

Concen: 17.775 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion: 50 Resp: 104064

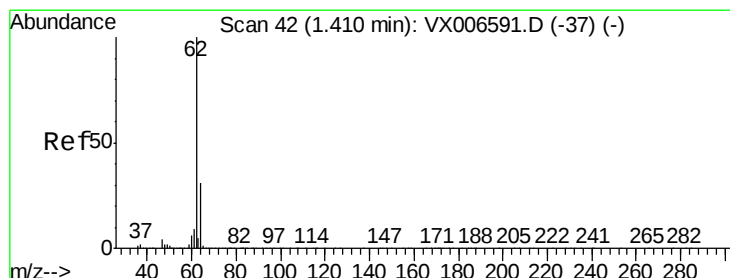
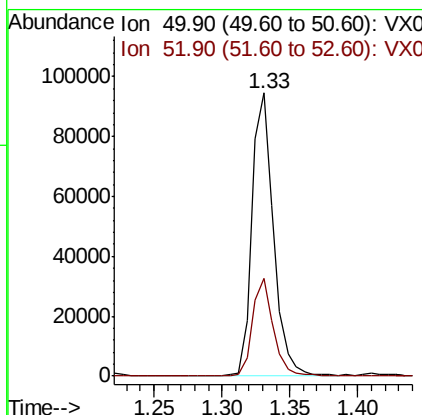
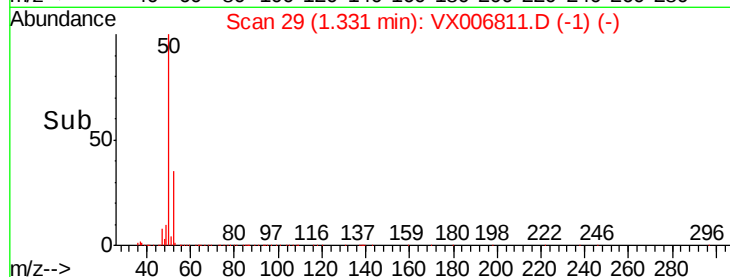
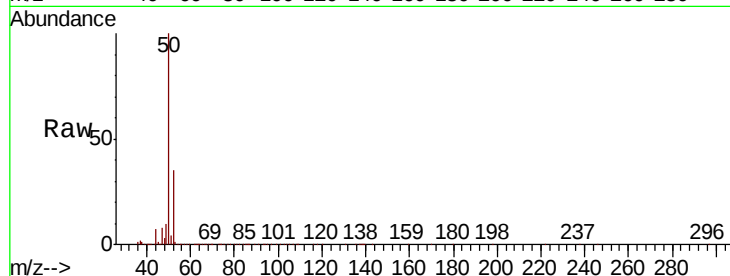
Ion Ratio Lower Upper

50 100

52 34.6 25.4 38.2

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#4

Vinyl Chloride

Concen: 18.009 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006811.D

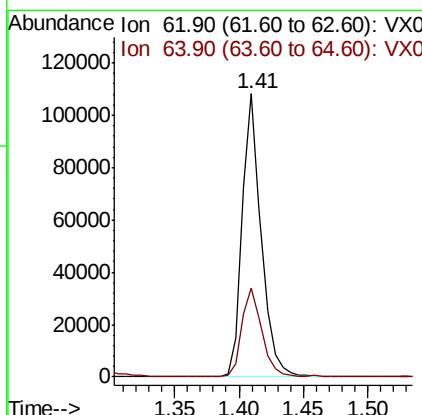
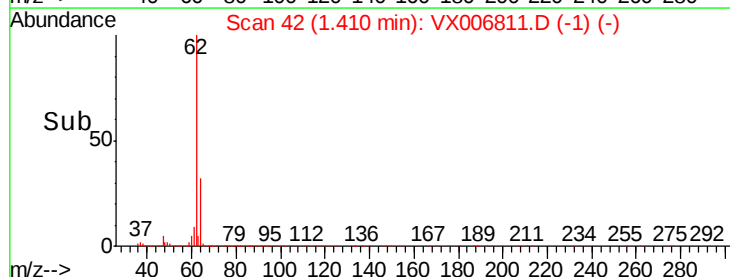
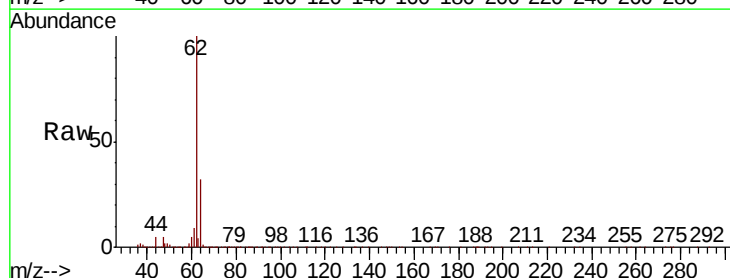
Acq: 26 Dec 2018 12:03

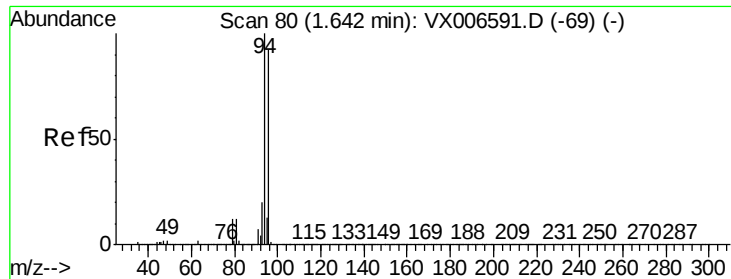
Tgt Ion: 62 Resp: 110114

Ion Ratio Lower Upper

62 100

64 31.5 25.1 37.7





#5

Bromomethane

Concen: 17.908 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion: 94 Resp: 109201

Ion Ratio Lower Upper

94 100

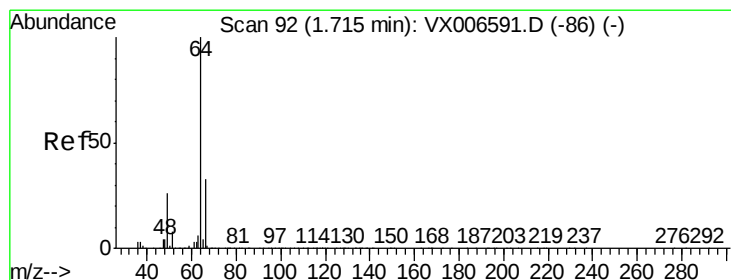
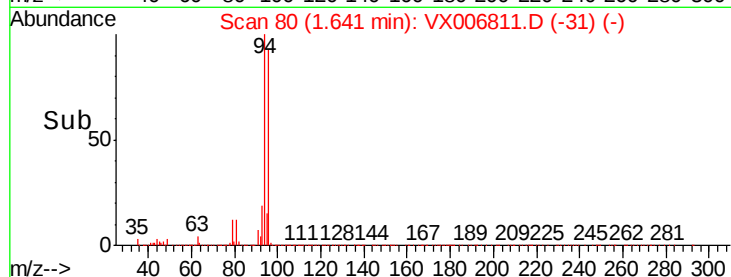
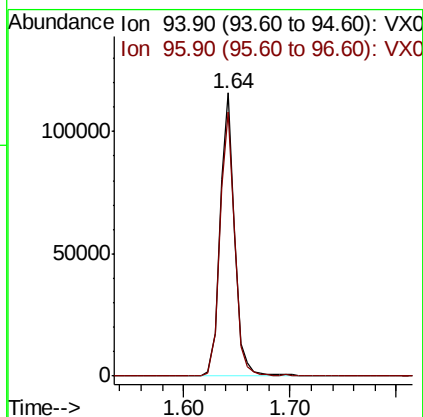
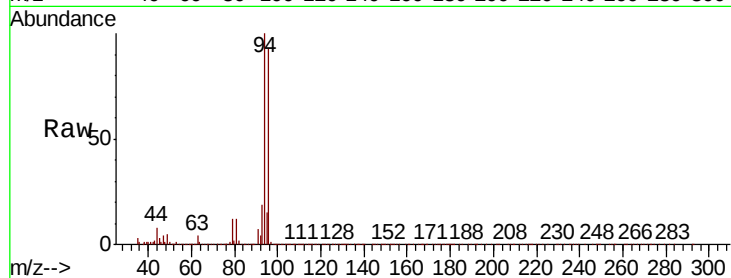
96 93.1 73.4 110.2

Manual Integrations

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12/27/2018 9:39:00 AM



#6

Chloroethane

Concen: 17.113 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006811.D

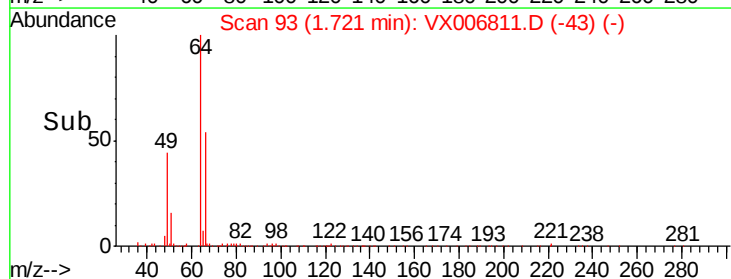
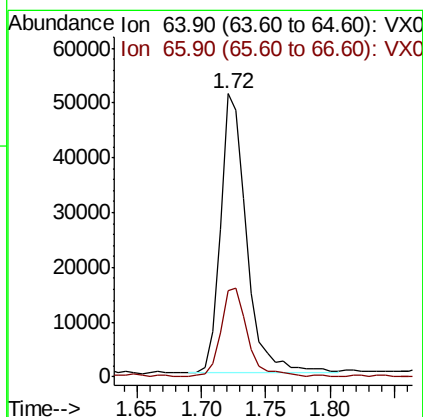
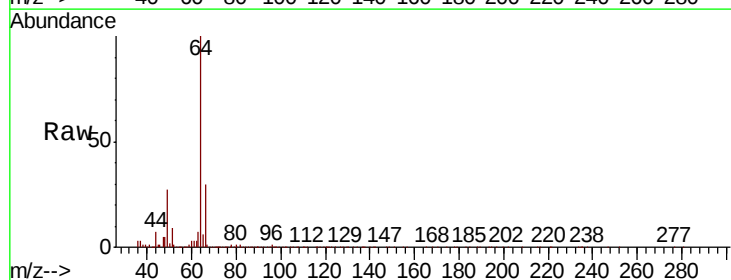
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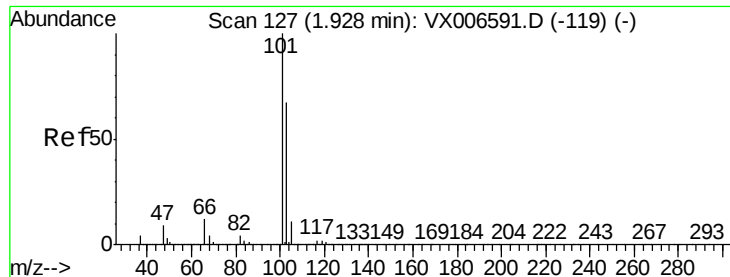
Tgt Ion: 64 Resp: 72453

Ion Ratio Lower Upper

64 100

66 30.7 26.4 39.6





#7

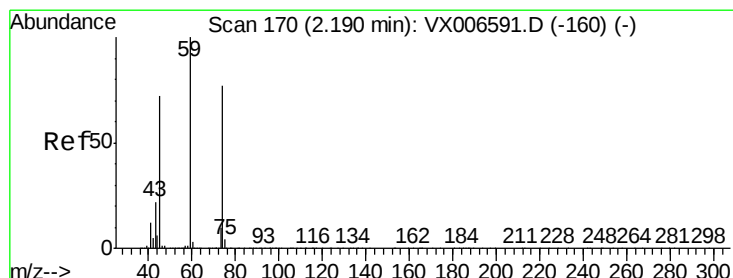
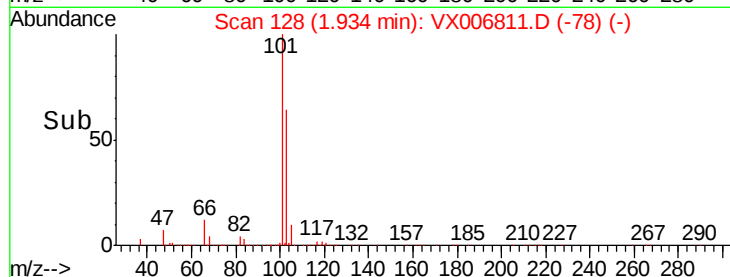
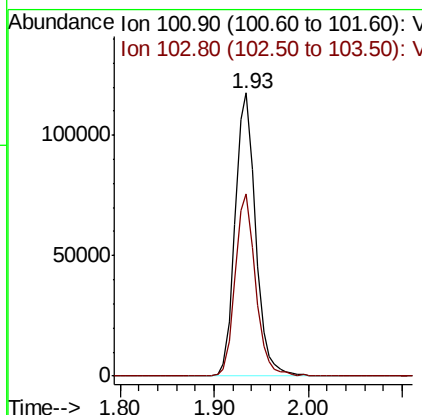
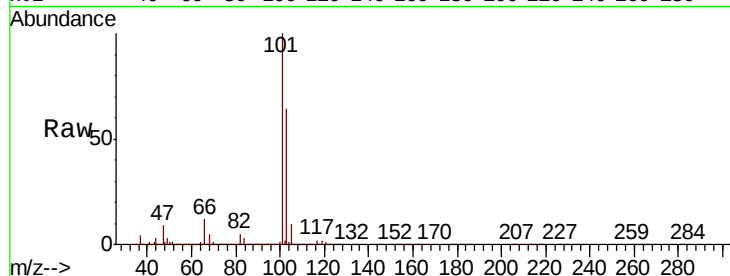
Trichlorofluoromethane
Concen: 18.539 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	53.2	79.8

Manual Integrations
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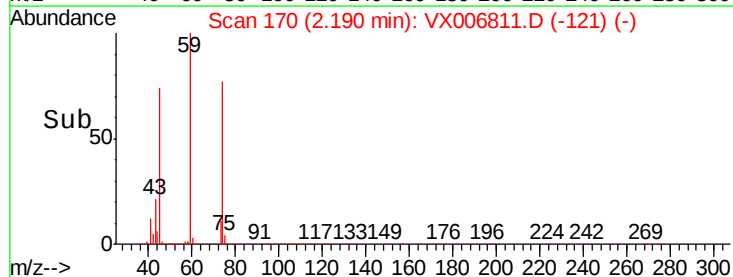
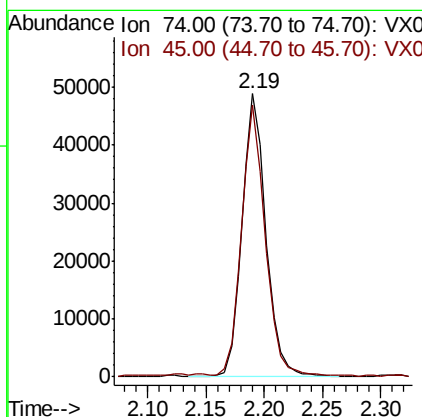
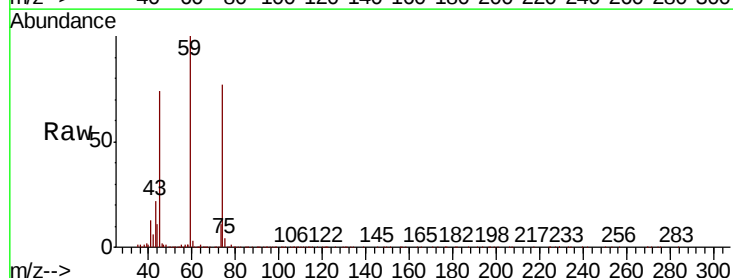
MMDadoda
12/27/2018 9:39:00 AM

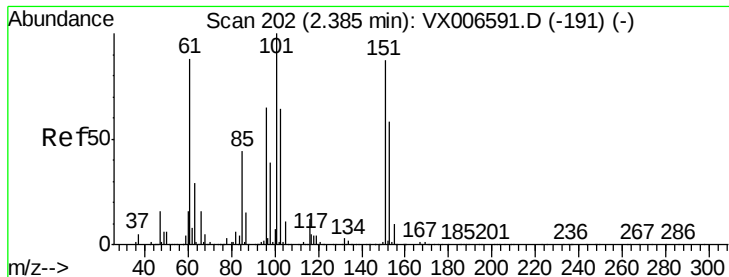


#8

Diethyl Ether
Concen: 18.516 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.9	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.269 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

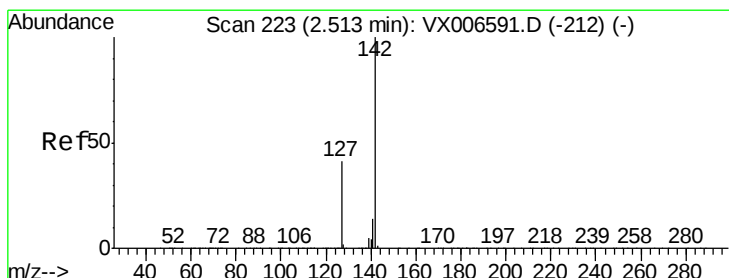
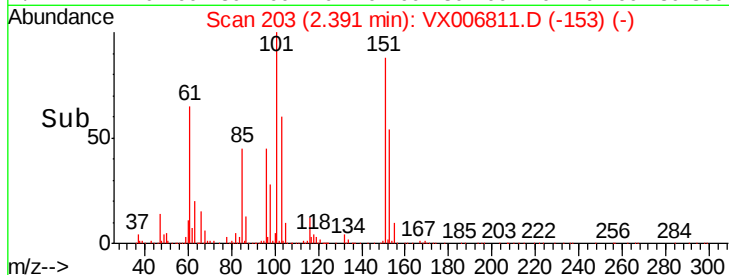
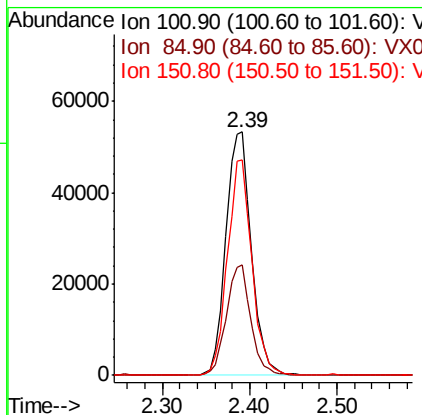
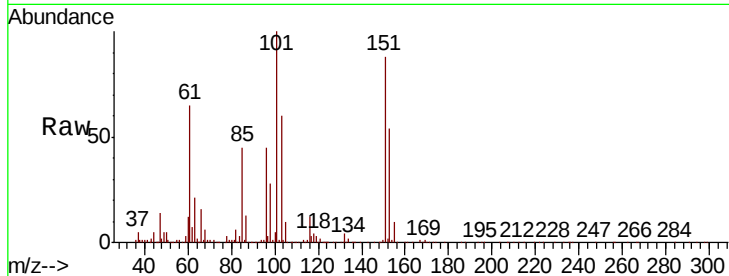
ClientSampleId :

VX1226MBS01

Tot Ion:	101	Resp:	107853
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.1	52.7
151	84.9	68.9	103.3

Manual Integrations
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#10

Methyl Iodide

Concen: 19.043 ug/l

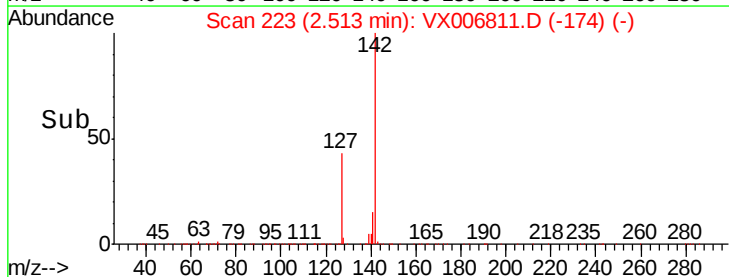
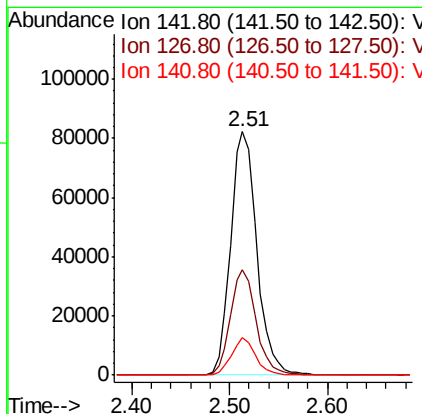
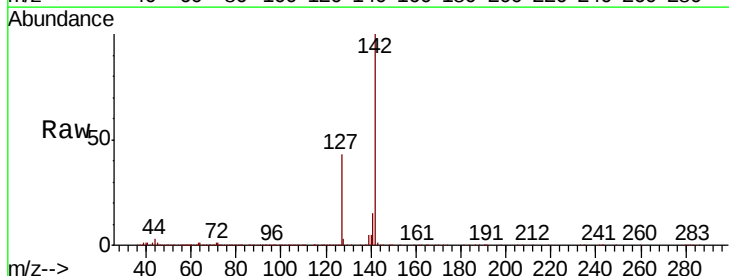
RT: 2.51 min Scan# 223

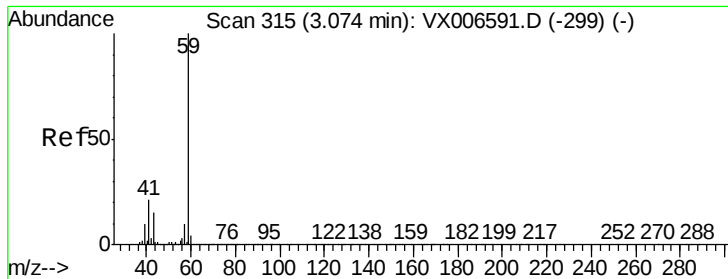
Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Tgt Ion:	142	Resp:	152580
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.9	50.9
141	14.3	11.4	17.0





#11

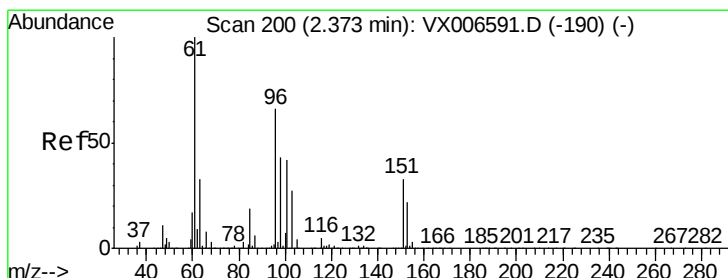
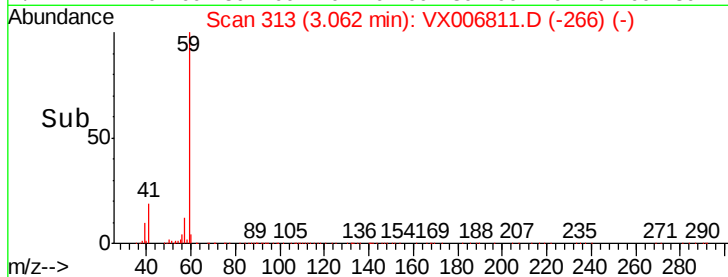
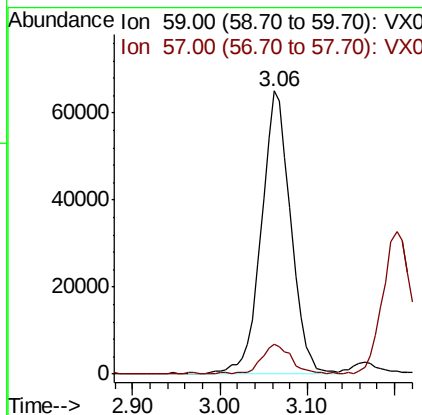
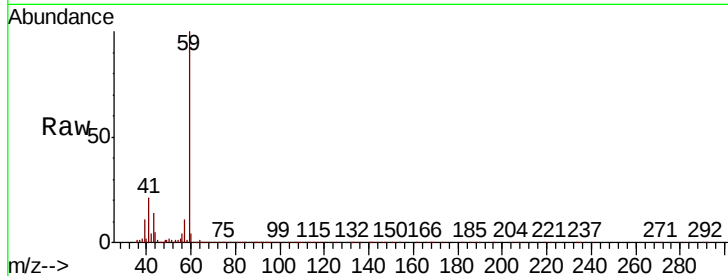
Tert butyl alcohol
Concen: 106.564 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.5	12.7

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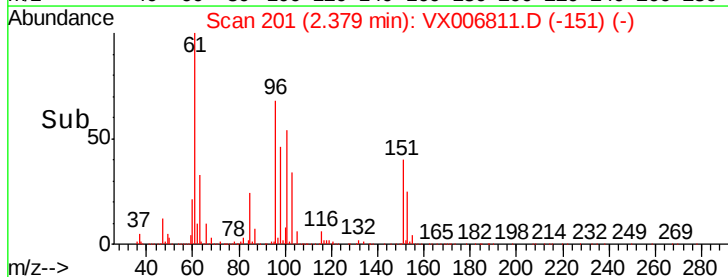
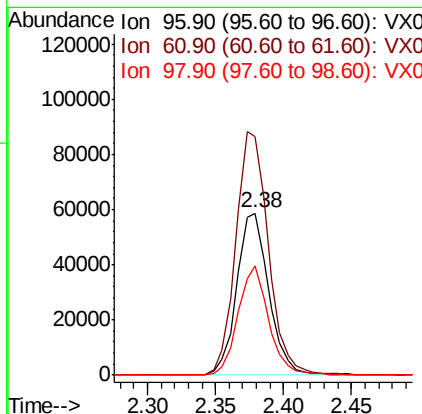
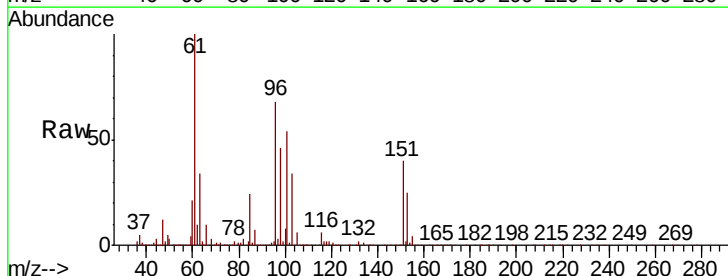
MMDadoda
12/27/2018 9:39:00 AM

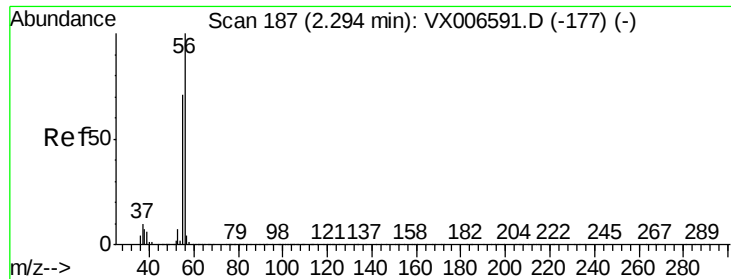


#12

1,1-Dichloroethene
Concen: 18.107 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.1	121.4	182.2
98	66.9	51.9	77.9





#13

Acrolein

Concen: 85.505 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion: 56 Resp: 82413

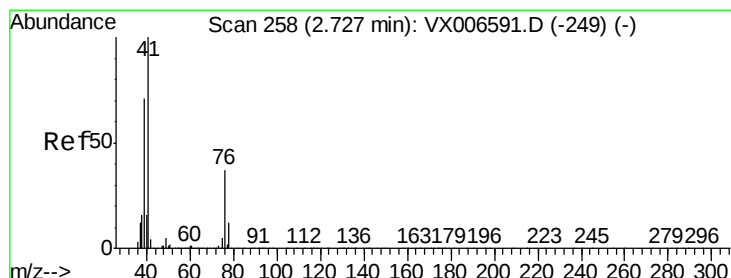
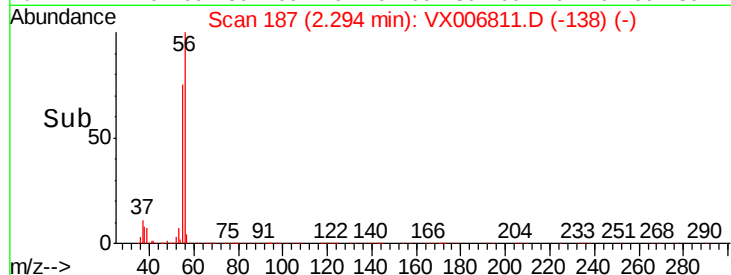
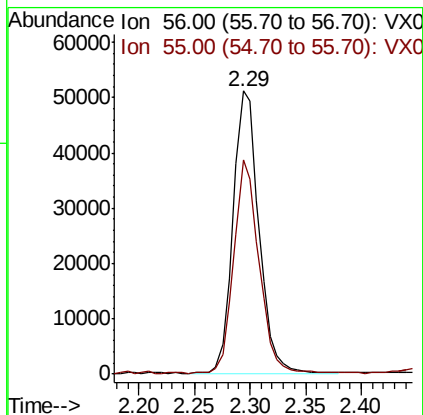
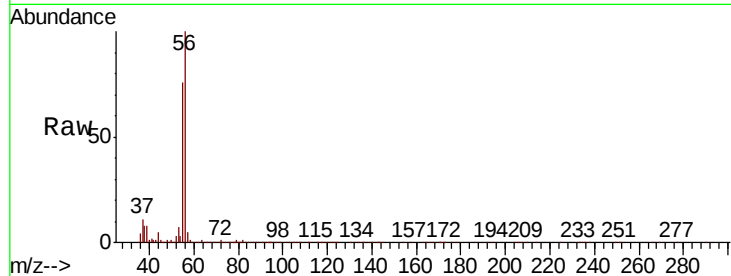
Ion Ratio Lower Upper

56 100

55 73.1 58.2 87.4

Manual Integrations
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#14

Allyl chloride

Concen: 19.069 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

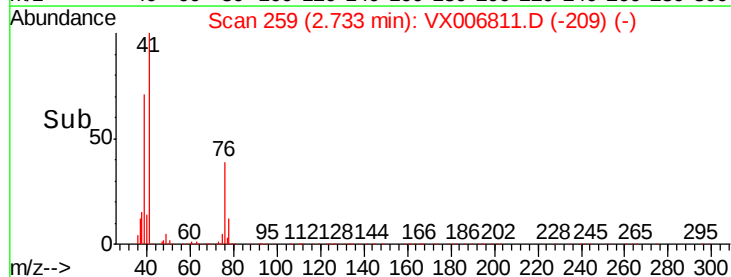
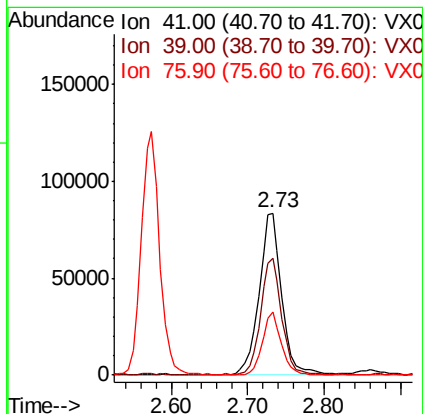
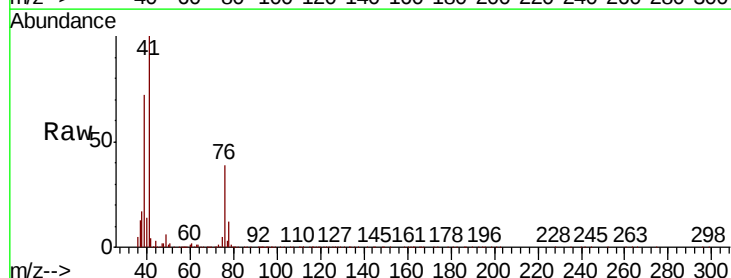
Tgt Ion: 41 Resp: 170355

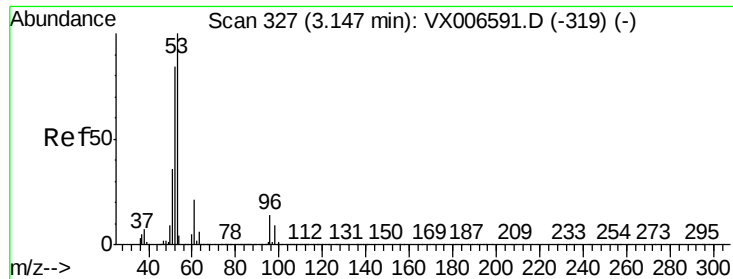
Ion Ratio Lower Upper

41 100

39 67.2 53.6 80.4

76 32.8 27.4 41.2





#15

Acrylonitrile

Concen: 100.830 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

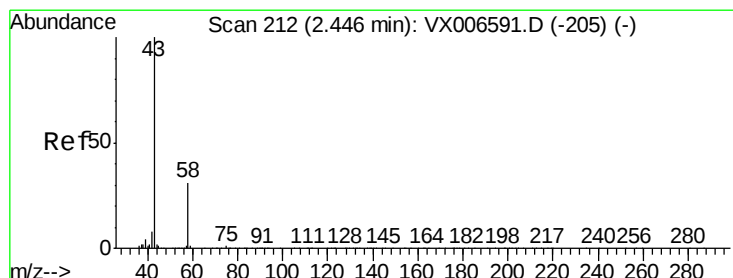
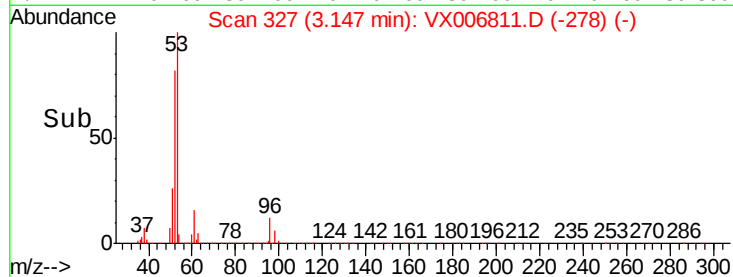
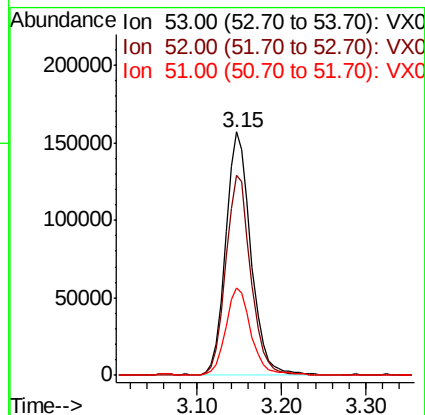
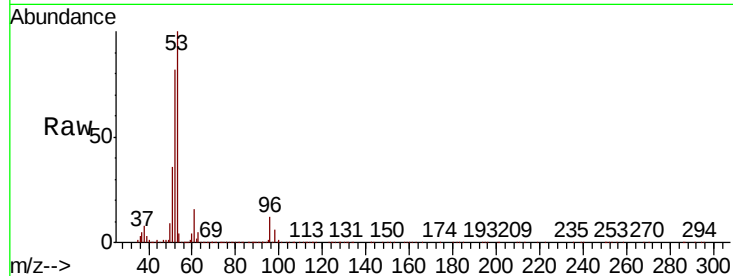
ClientSampleId :

VX1226MBS01

Tot Ion:	53	Resp:	319857
Ion Ratio		Lower	Upper
53	100		
52	81.6	66.0	99.0
51	36.5	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 101.994 ug/l

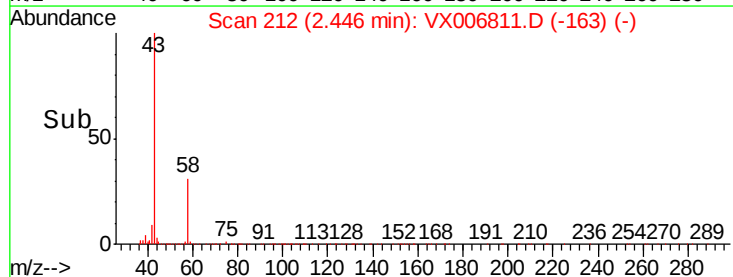
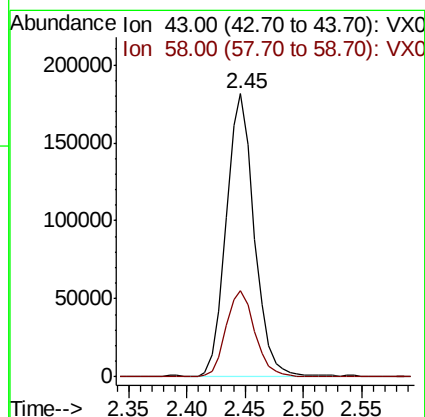
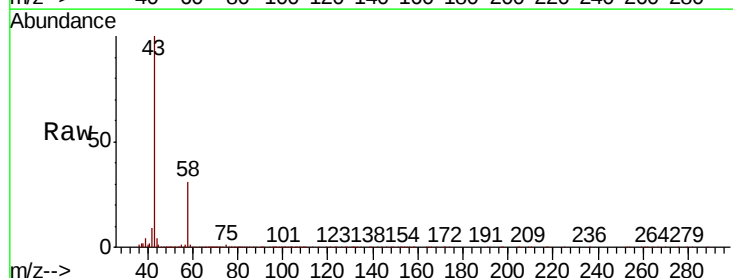
RT: 2.45 min Scan# 212

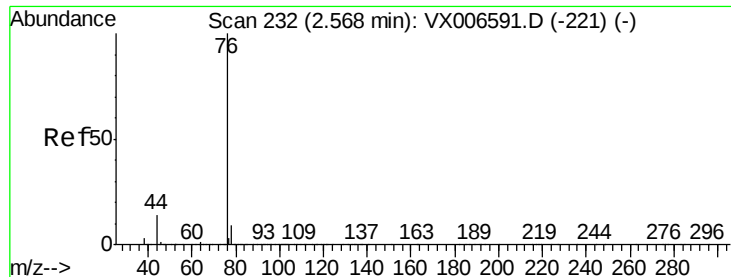
Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Tgt Ion:	43	Resp:	299991
Ion Ratio		Lower	Upper
43	100		
58	30.5	25.0	37.6





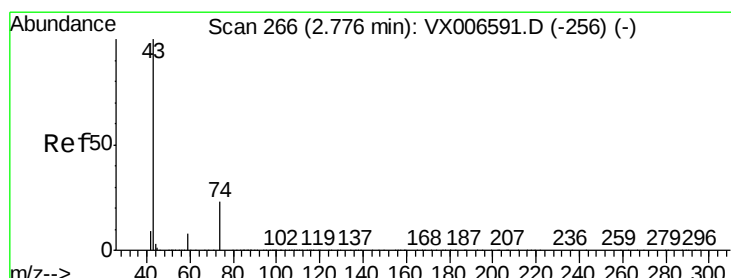
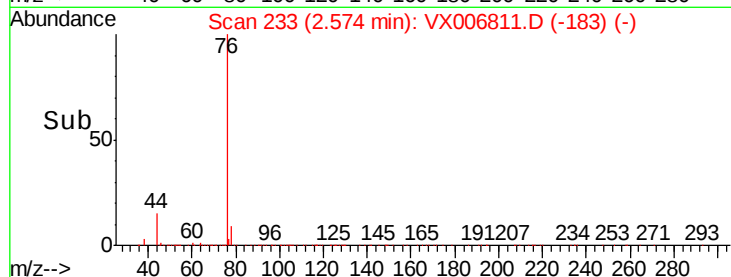
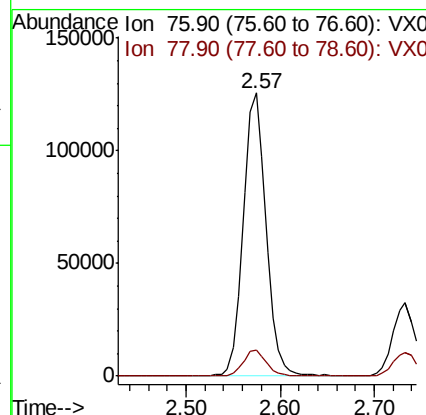
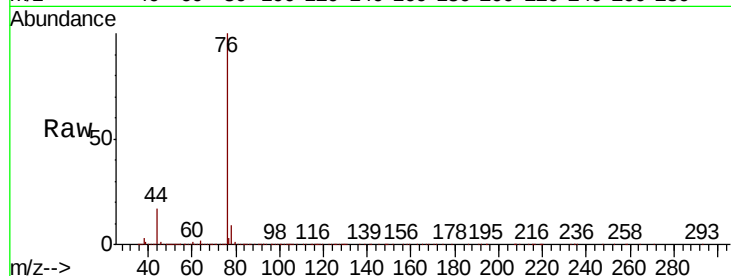
#17
Carbon Disulfide
Concen: 15.083 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

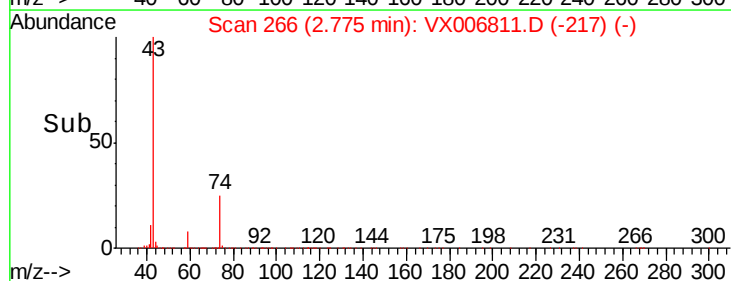
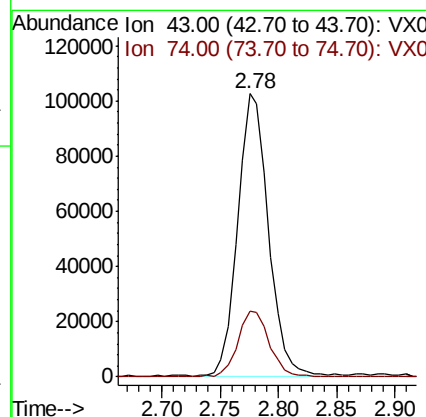
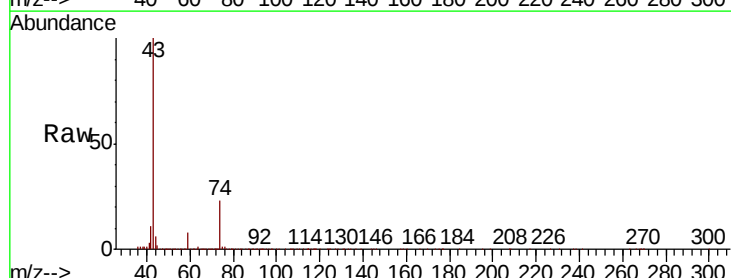
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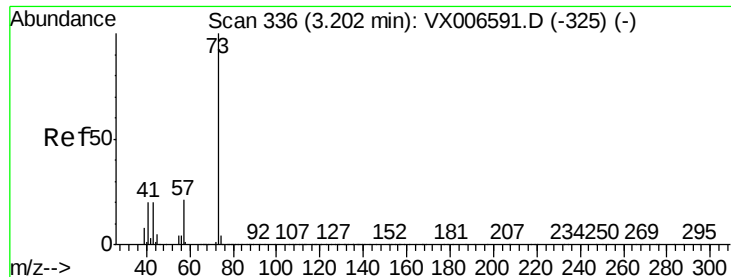
MMDadoda
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#18
Methyl Acetate
Concen: 21.627 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	18.6	28.0





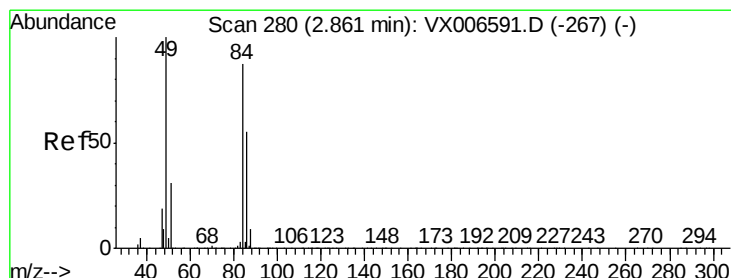
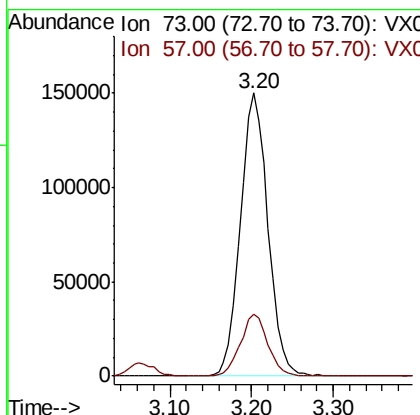
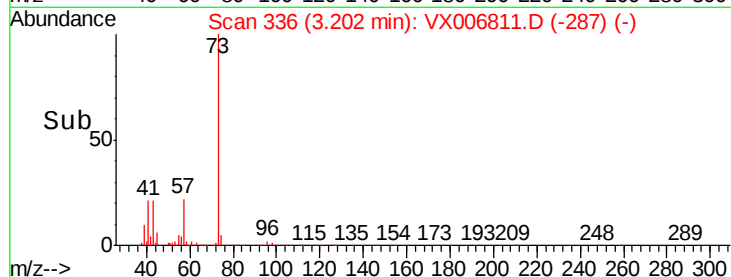
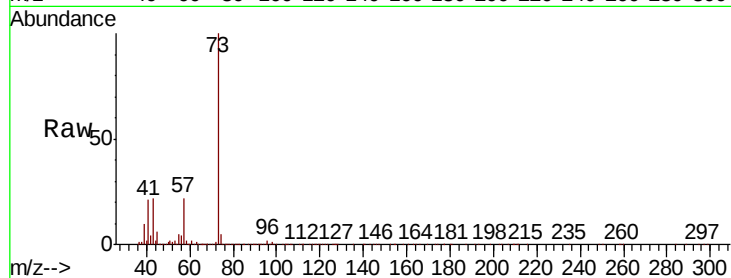
#19
Methvl tert-butvl Ether
Concen: 19.917 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	16.8	25.2

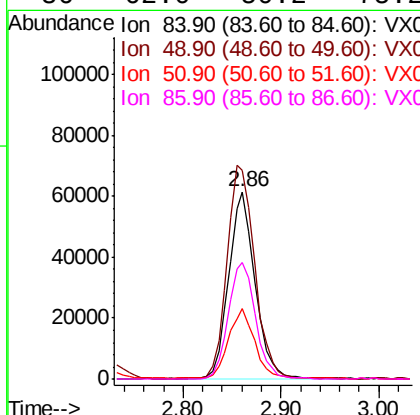
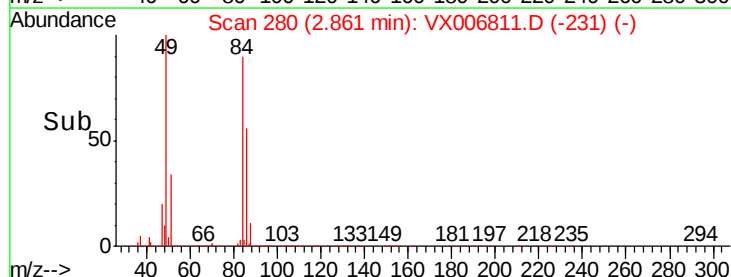
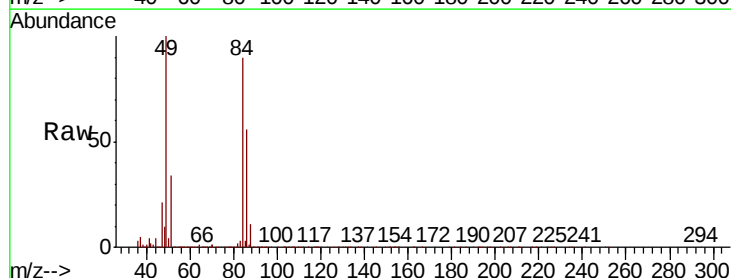
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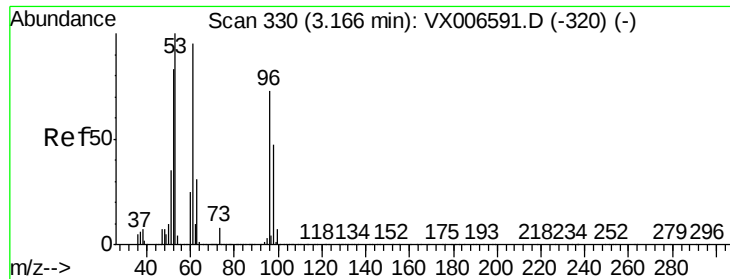
MMDadoda
12/27/2018 9:39:00 AM



#20
Methylene Chloride
Concen: 18.911 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.0	91.8	137.6
51	37.3	28.5	42.7
86	62.0	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 18.155 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

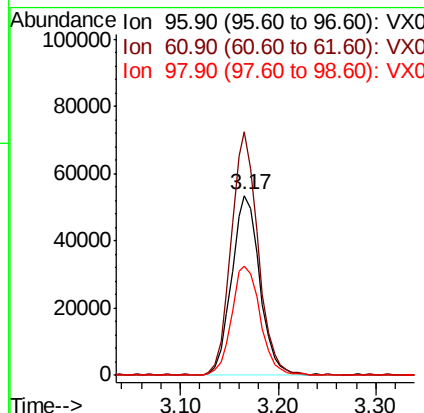
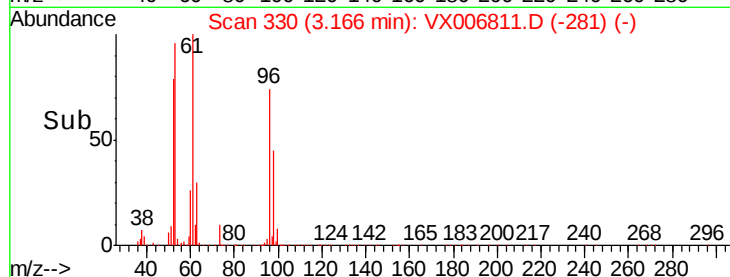
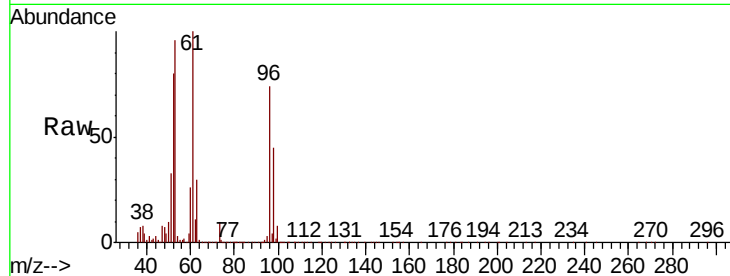
ClientSampleId :

VX1226MBS01

Tot Ion:	96	Resp:	106759
Ion	Ratio	Lower	Upper
96	100		
61	135.3	103.7	155.5
98	60.2	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.003 ug/l

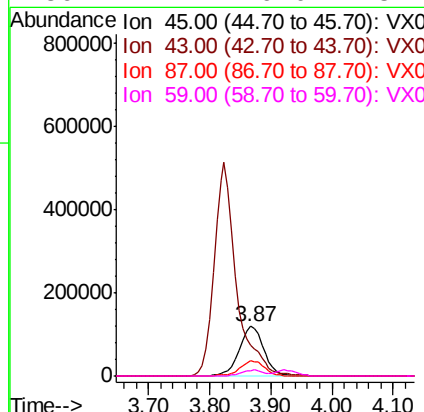
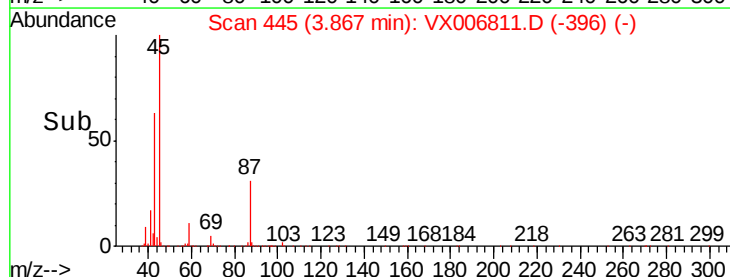
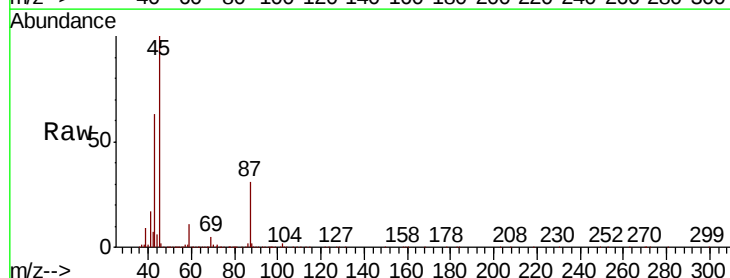
RT: 3.87 min Scan# 445

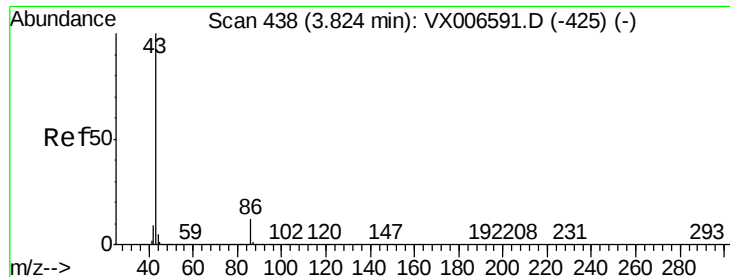
Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Tgt Ion:	45	Resp:	326908
Ion	Ratio	Lower	Upper
45	100		
43	62.7	51.2	76.8
87	30.7	25.8	38.6
59	11.1	9.0	13.4





#23

Vinyl Acetate

Concen: 98.465 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion: 43 Resp: 1316294

Ion Ratio Lower Upper

43 100

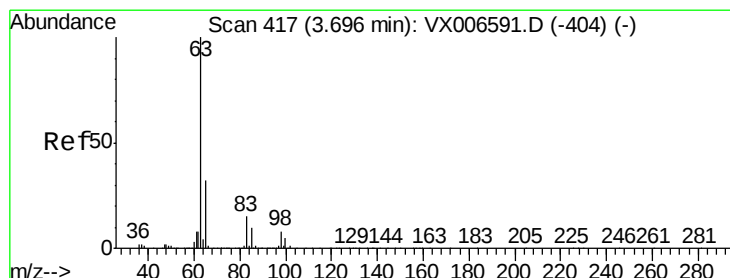
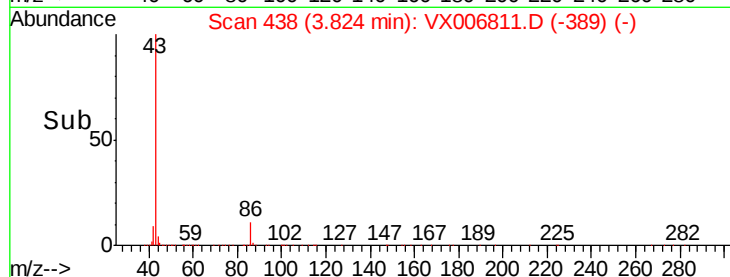
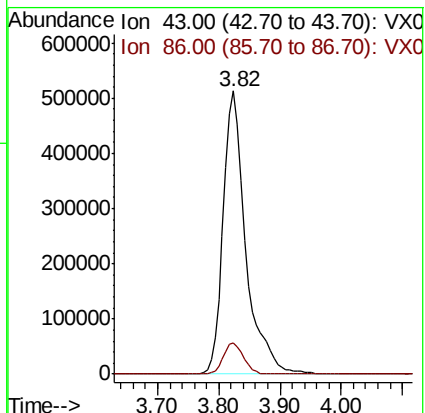
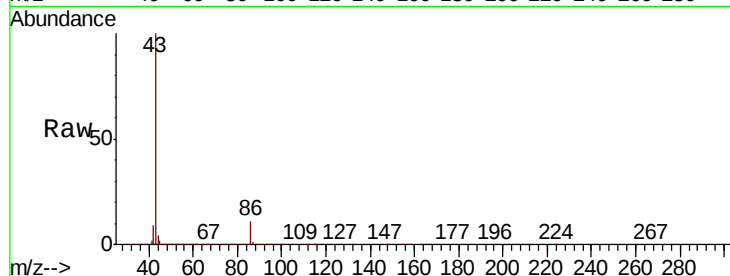
86 11.0 9.2 13.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.849 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

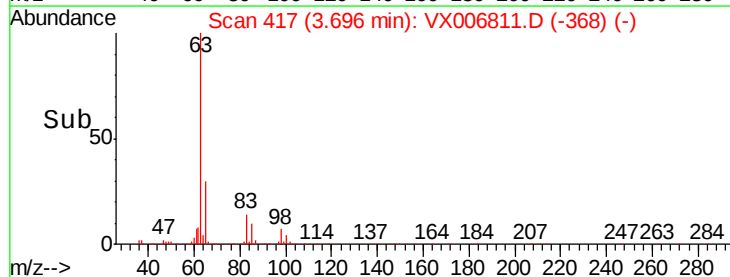
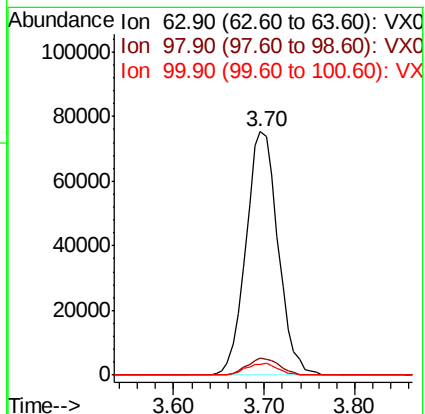
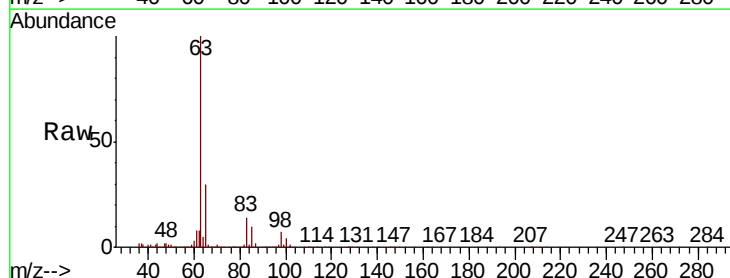
Tgt Ion: 63 Resp: 183894

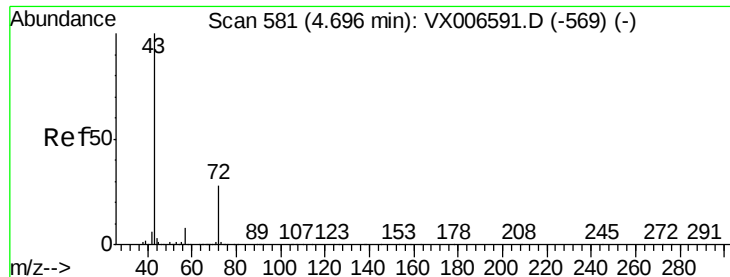
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.5

100 4.1 2.4 7.2





#25

2-Butanone

Concen: 102.148 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Tot Ion: 43 Resp: 422611

Ion Ratio Lower Upper

43 100

72 26.3 22.4 33.6

Instrument :

MSVOA_X

ClientSampleId :

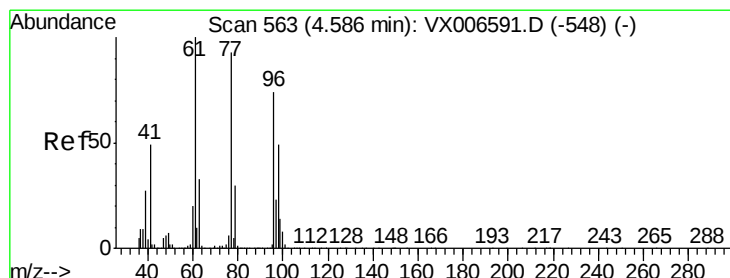
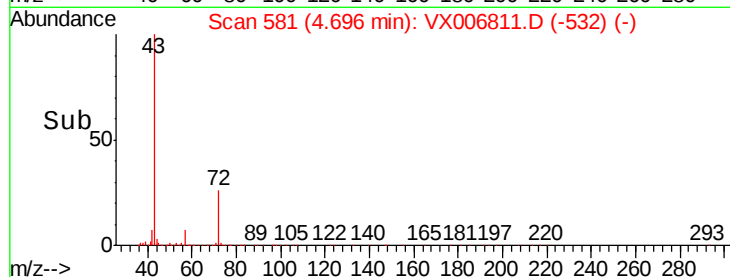
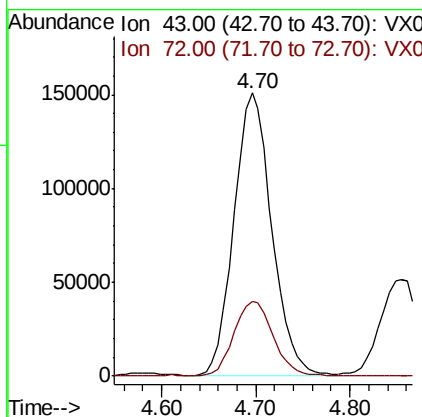
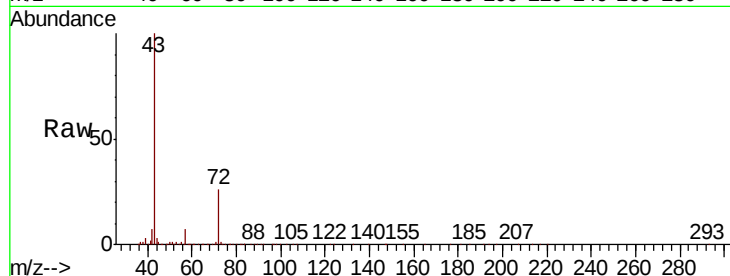
VX1226MBS01

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12/27/2018 9:39:00 AM



#26

2,2-Dichloropropane

Concen: 18.433 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006811.D

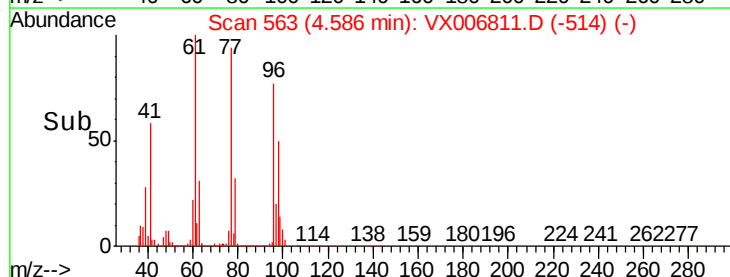
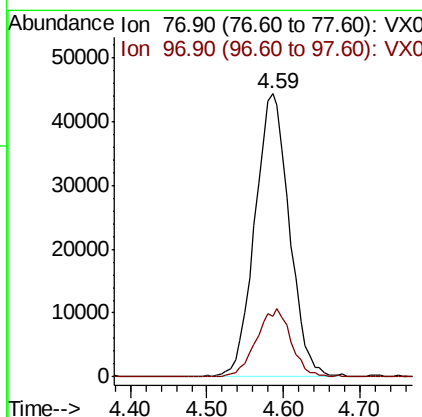
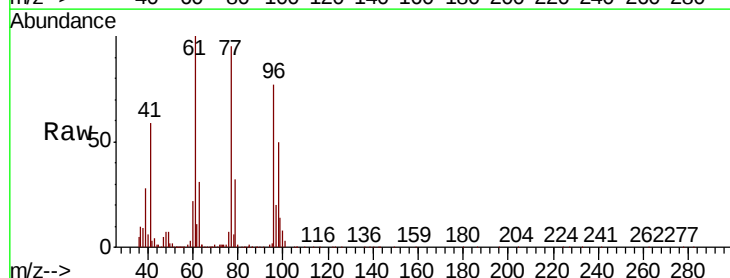
Acq: 26 Dec 2018 12:03

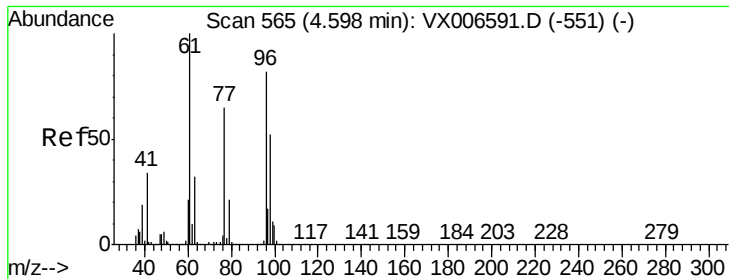
Tgt Ion: 77 Resp: 138913

Ion Ratio Lower Upper

77 100

97 24.1 12.4 37.4





#27

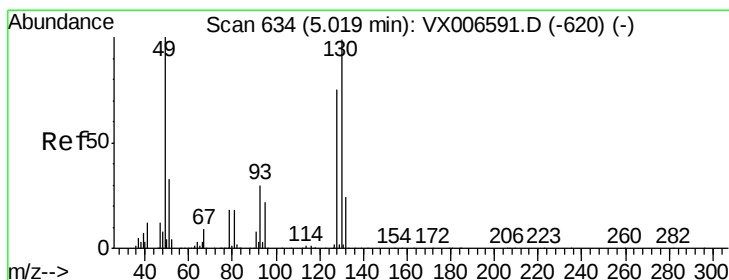
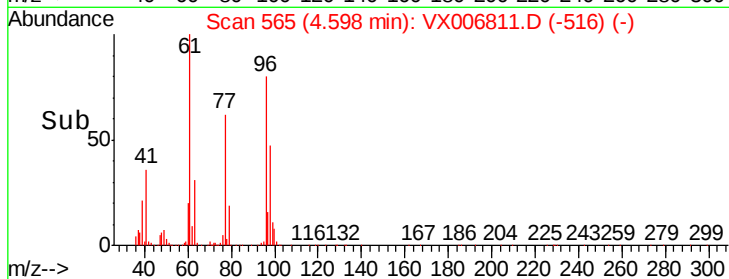
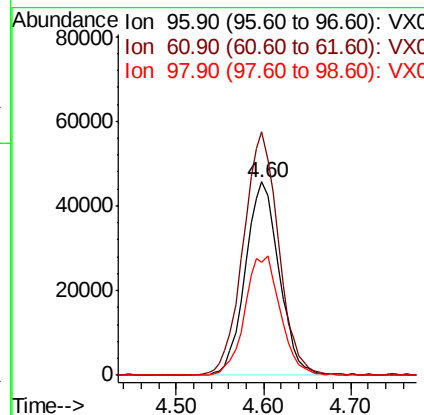
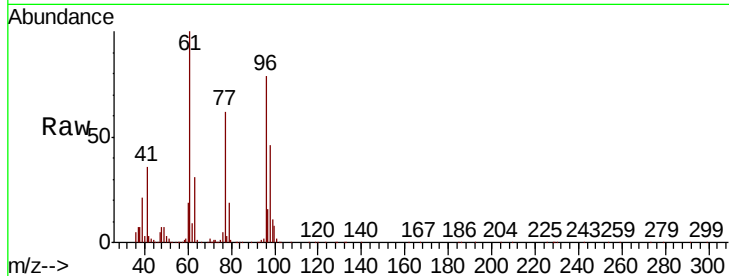
cis-1,2-Dichloroethene
 Concen: 18.968 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006811.D
 Acq: 26 Dec 2018 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	123066		
61	129.7		0.0	258.6
98	64.4		0.0	132.0

Manual Integrations
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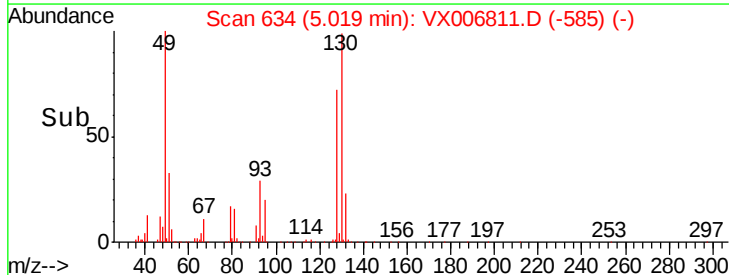
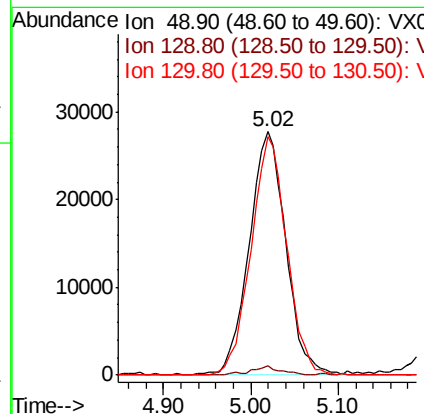
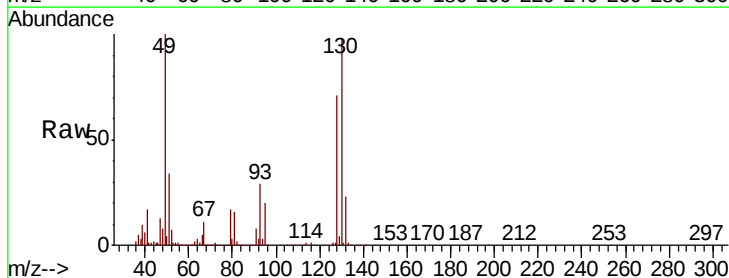
MMDadoda
 12/27/2018 9:39:00 AM

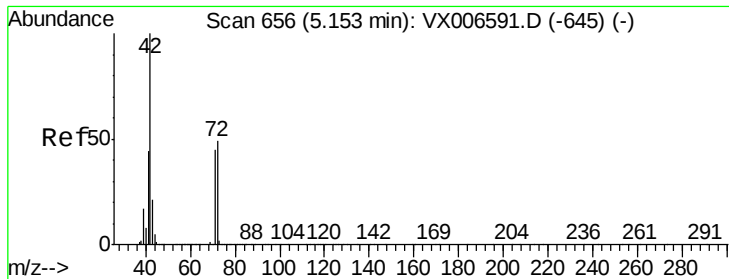


#28

Bromochloromethane
 Concen: 18.544 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX006811.D
 Acq: 26 Dec 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	81059		
129	2.9		0.0	5.4
130	95.0		77.7	116.5





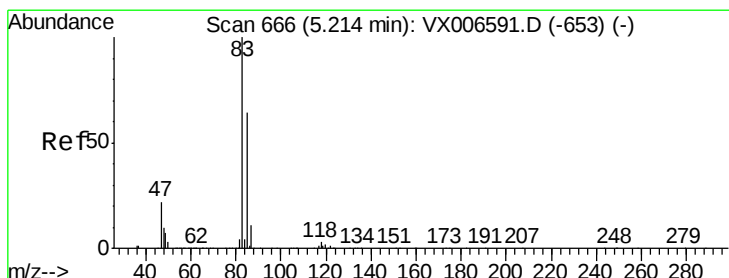
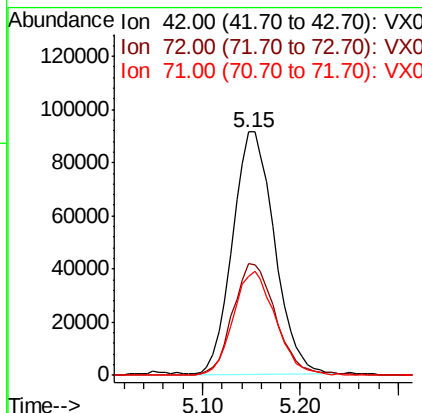
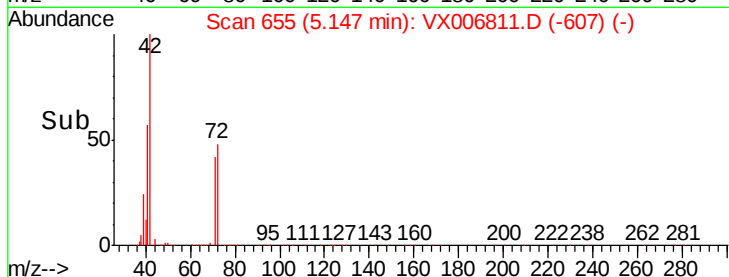
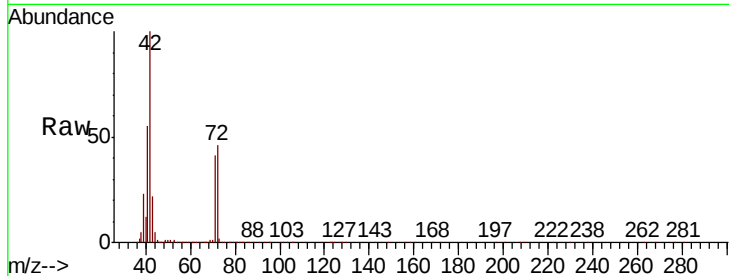
#29
Tetrahydrofuran
Concen: 99.838 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	38.9	58.3
71	42.7	36.2	54.4

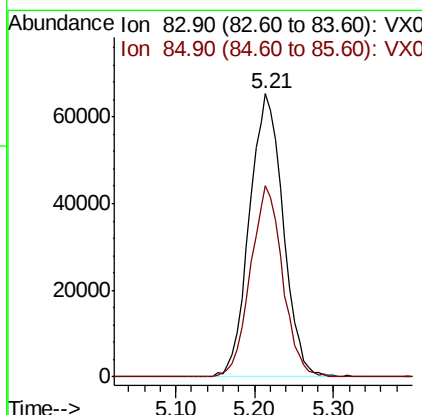
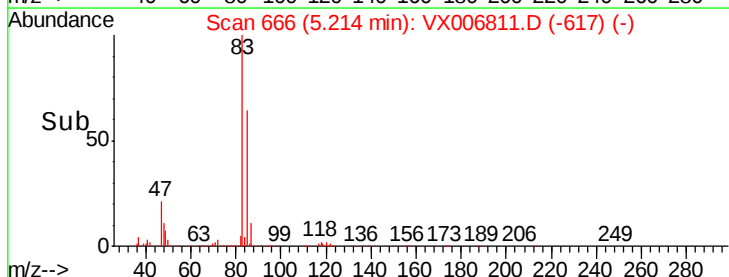
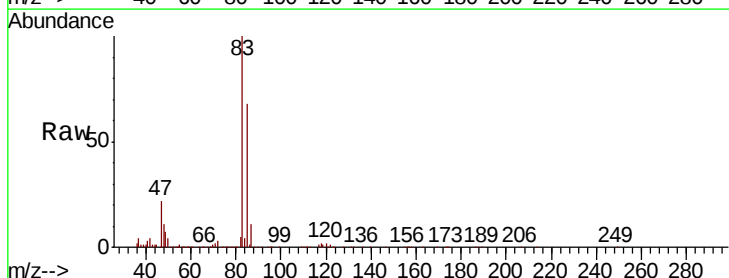
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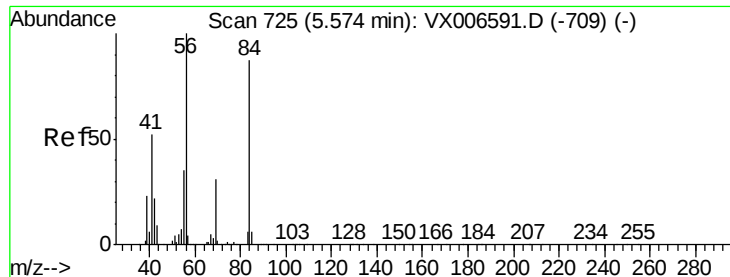
MMDadoda
12/27/2018 9:39:00 AM



#30
Chloroform
Concen: 19.153 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.6	51.2	76.8





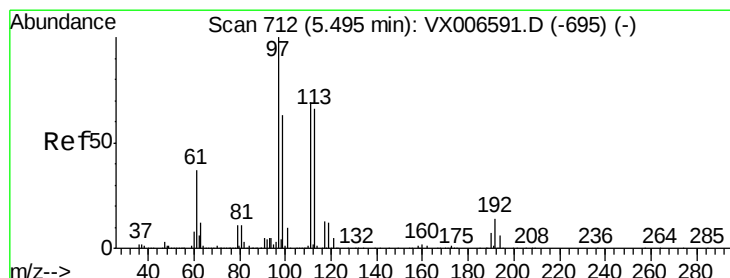
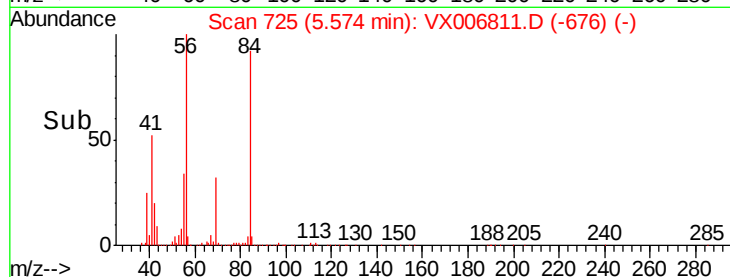
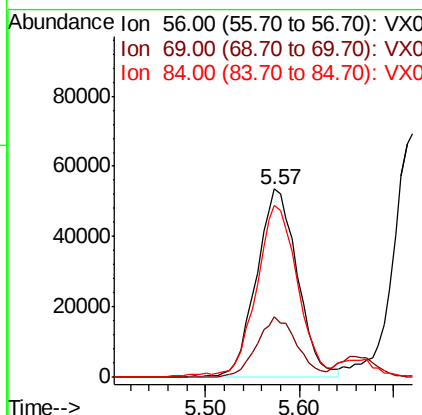
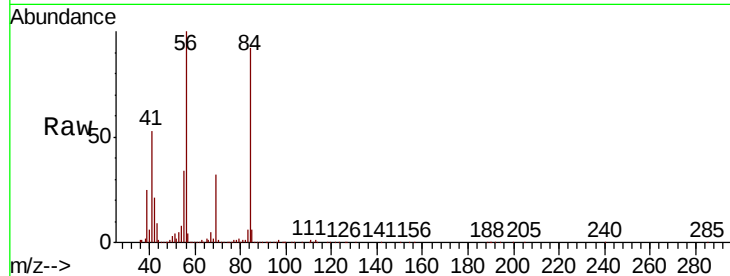
#31
Cyclohexane
Concen: 18.379 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	24.4	36.6
84	90.2	70.0	105.0

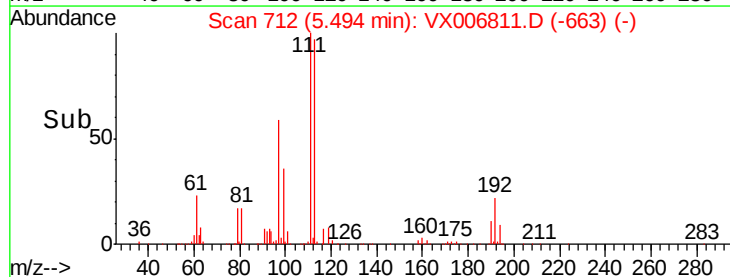
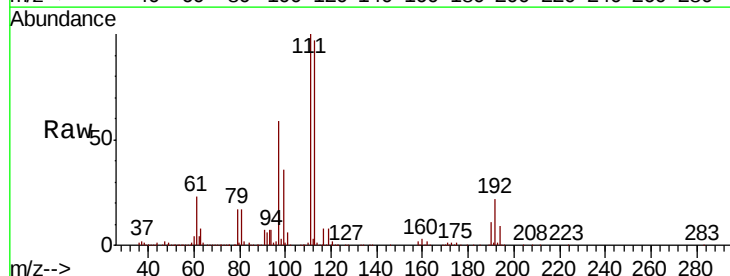
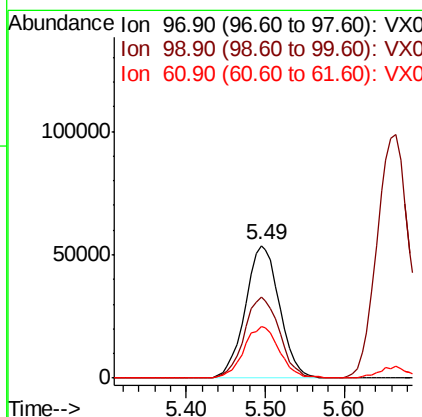
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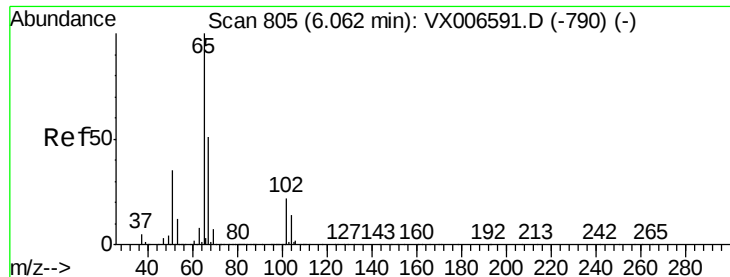
MMDadoda
12/27/2018 9:39:00 AM



#32
1,1,1-Trichloroethane
Concen: 19.026 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.7	77.5
61	40.2	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 46.661 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion: 65 Resp: 298722

Ion Ratio Lower Upper

65 100

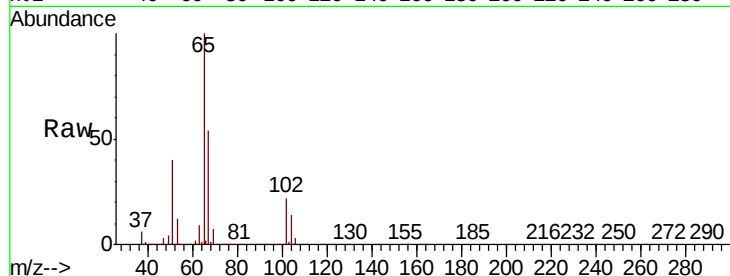
67 53.9 0.0 105.0

Manual Integrations

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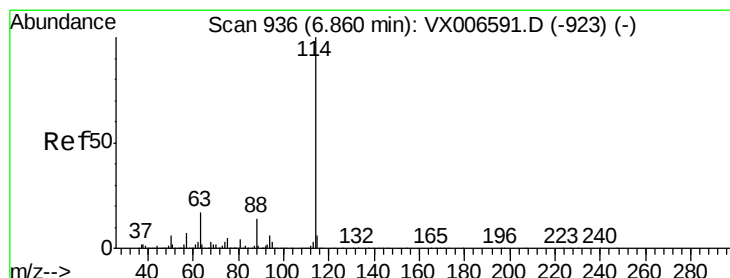
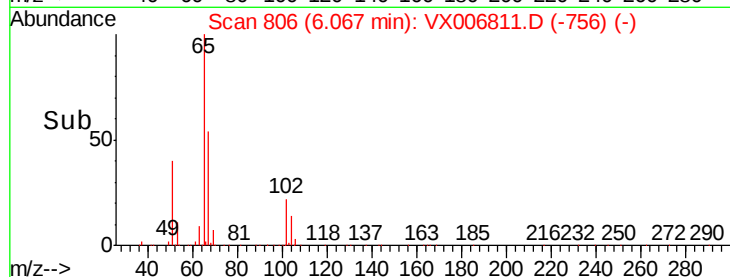
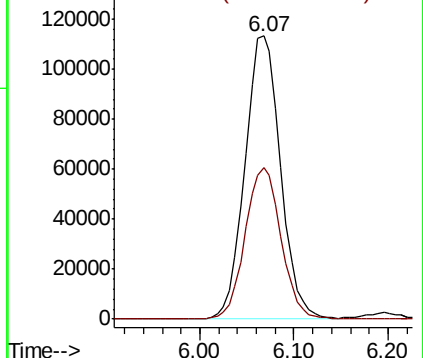
MMDadoda

12/27/2018 9:39:00 AM



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

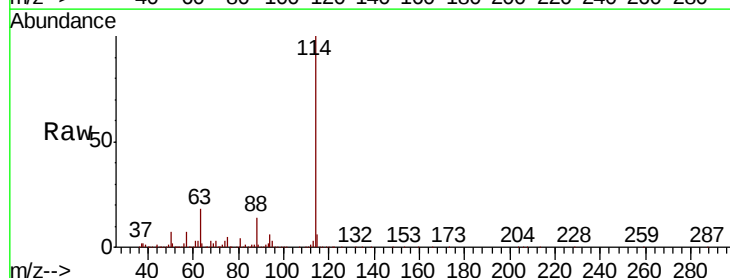
Tgt Ion: 114 Resp: 862515

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.8

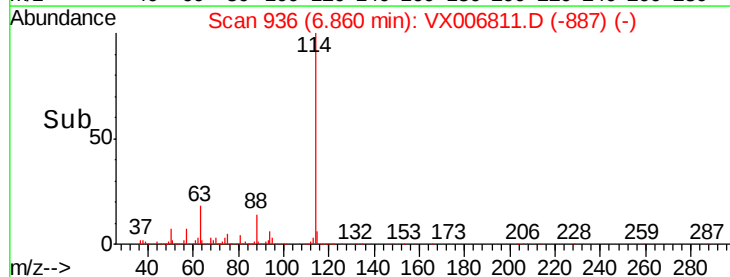
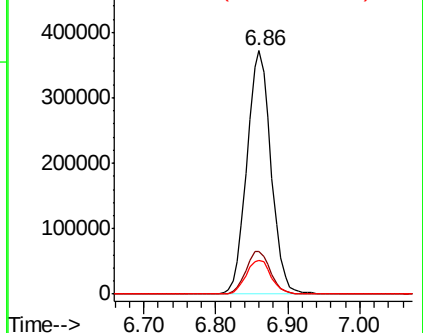
88 14.0 0.0 28.8

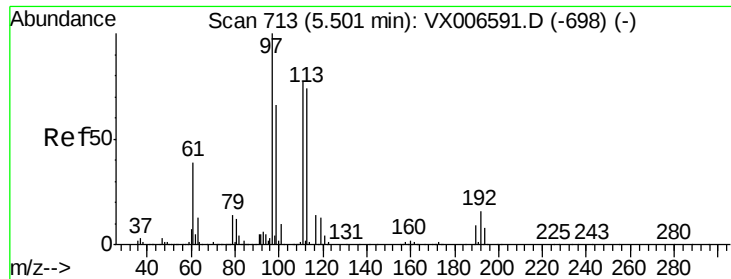


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.605 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

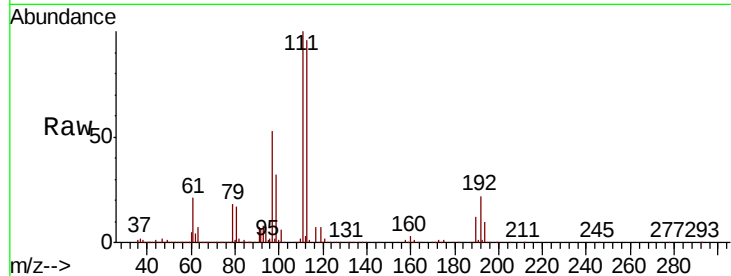
ClientSampleId :

VX1226MBS01

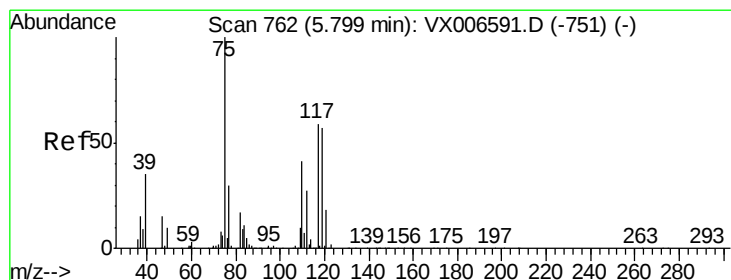
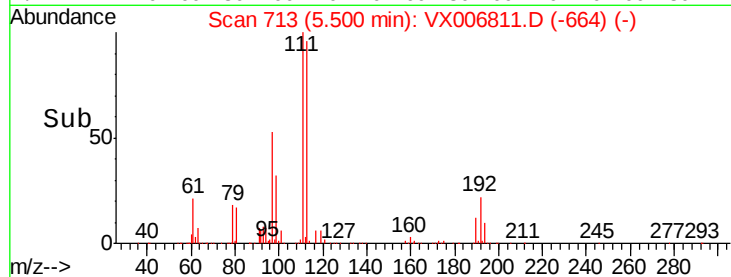
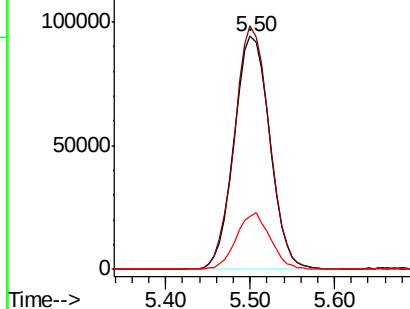
Tot Ion:	113	Resp:	270565
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.6	122.4
192	23.0	16.7	25.1

Manual Integrations
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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.424 ug/l

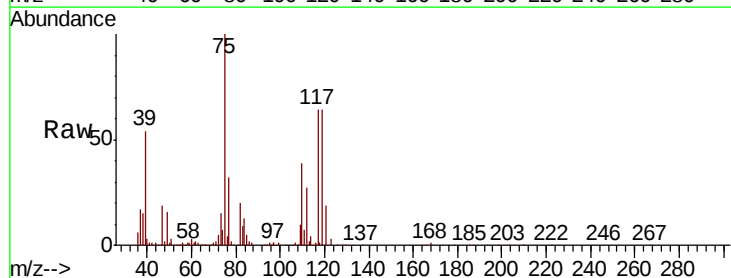
RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

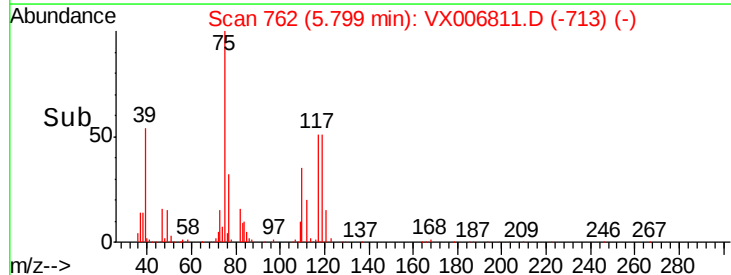
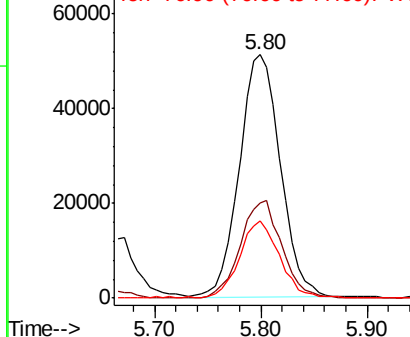
Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Tgt Ion:	75	Resp:	138754
Ion Ratio	Lower	Upper	
75	100		
110	40.6	20.2	60.5
77	30.8	24.8	37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





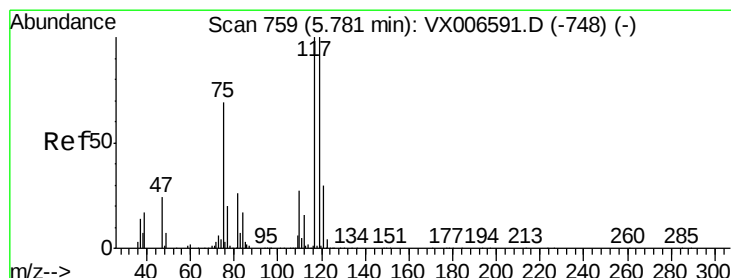
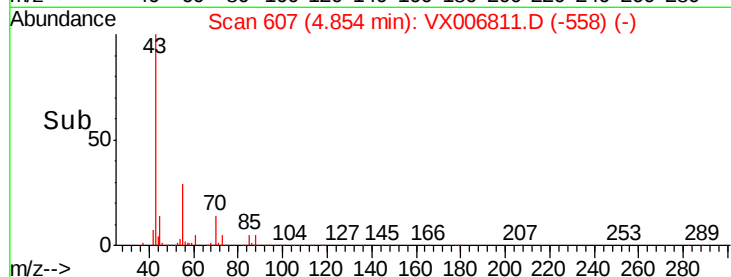
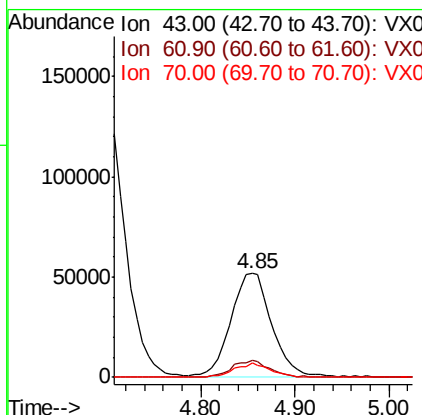
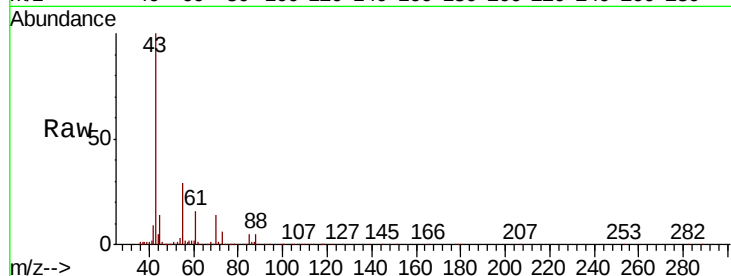
#37
Ethyl Acetate
Concen: 20.728 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.9	17.9
70	12.4	9.7	14.5

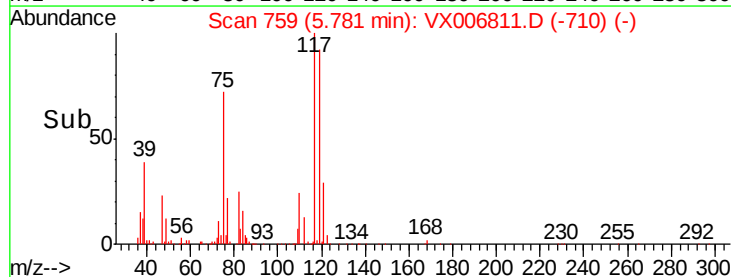
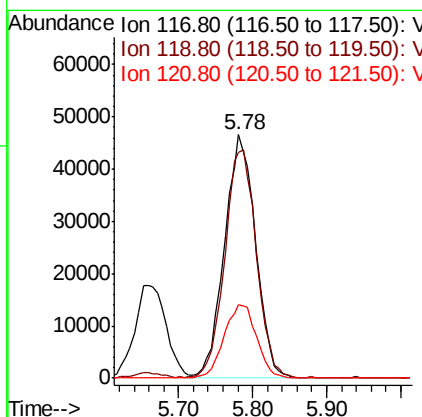
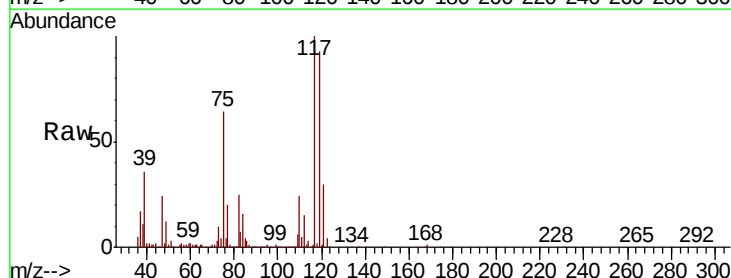
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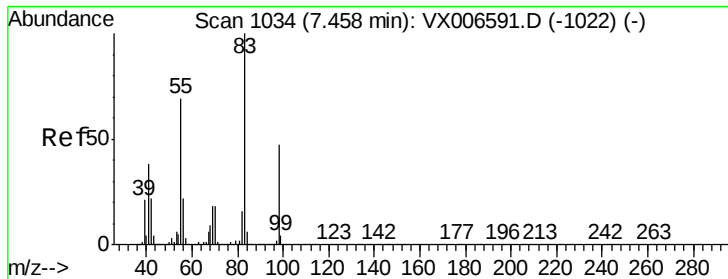
MMDadoda
12/27/2018 9:39:00 AM



#38
Carbon Tetrachloride
Concen: 19.632 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	79.4	119.2
121	30.1	24.0	36.0





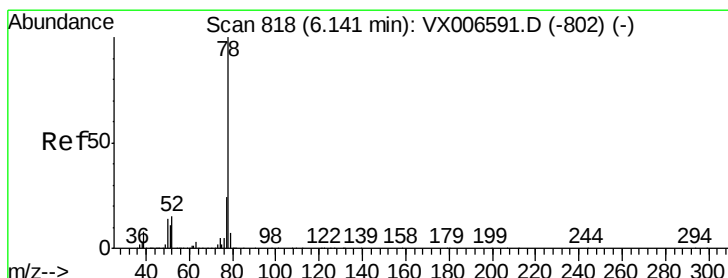
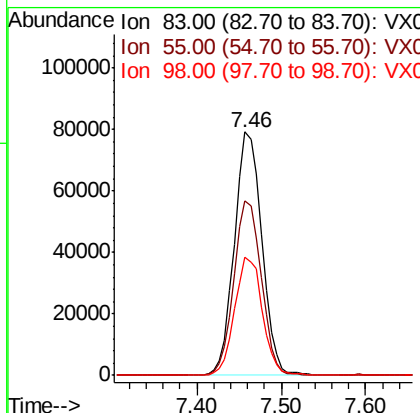
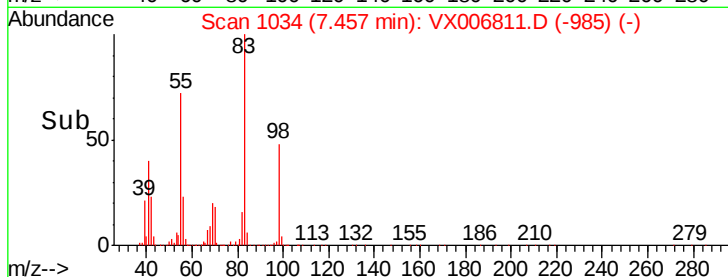
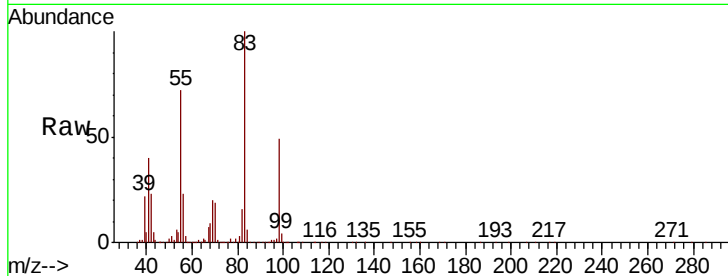
#39
Methvlcvclohexane
Concen: 18.449 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.7	54.9	82.3
98	48.6	37.9	56.9

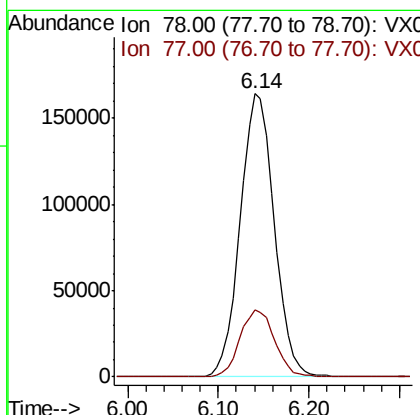
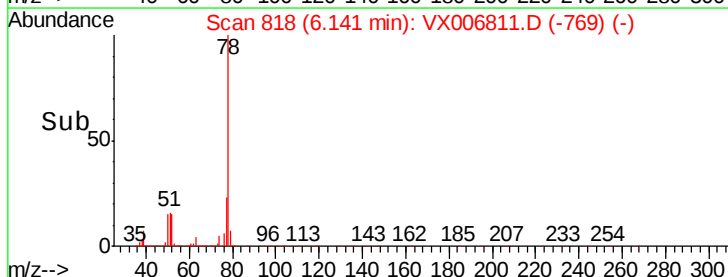
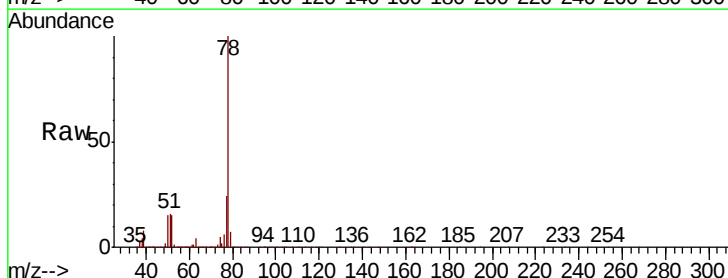
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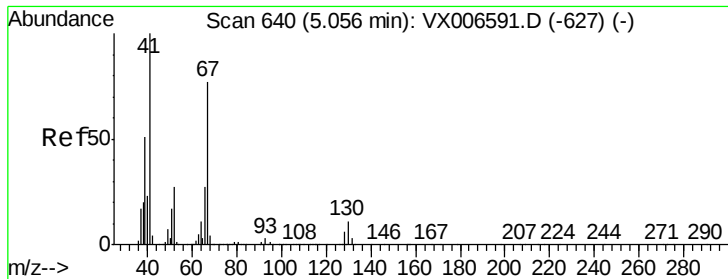
MMDadoda
12/27/2018 9:39:00 AM



#40
Benzene
Concen: 19.723 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.2	28.8





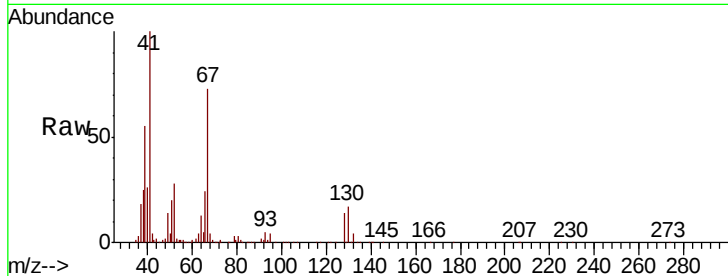
#41
Methacrylonitrile
Concen: 21.674 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

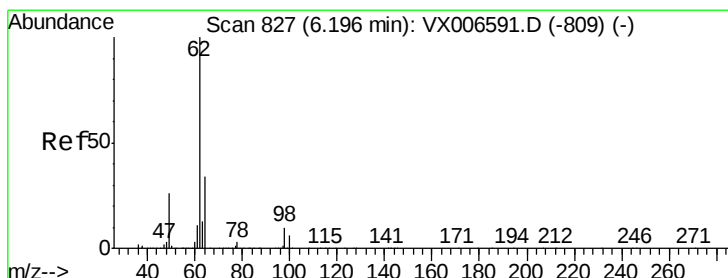
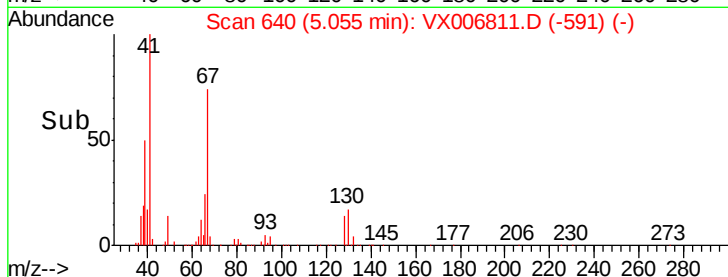
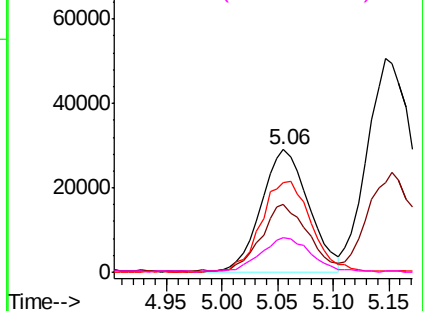
Tot Ion	Ratio	Lower	Upper
41	100		
39	55.3	42.8	64.2
67	79.1	62.1	93.1
52	29.3	23.4	35.0

Manual Integrations
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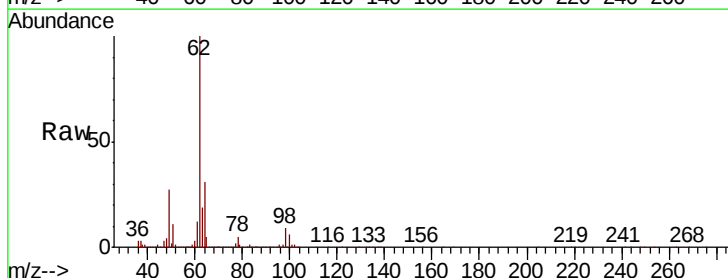


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

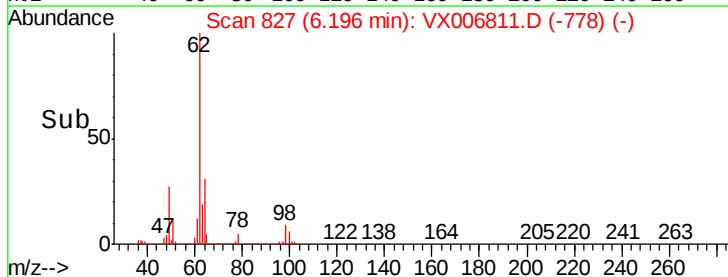
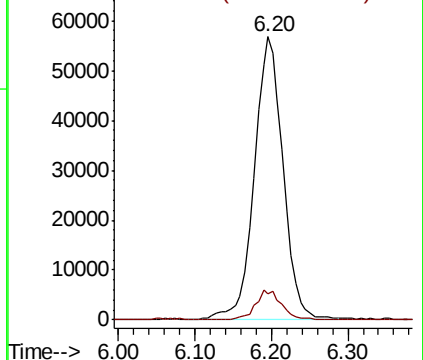


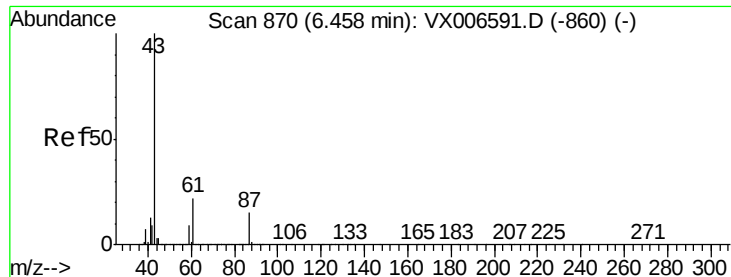
#42
1,2-Dichloroethane
Concen: 20.125 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.2



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





#43

Isopropyl Acetate

Concen: 21.476 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

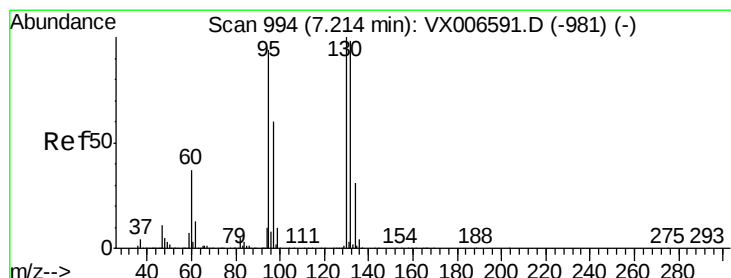
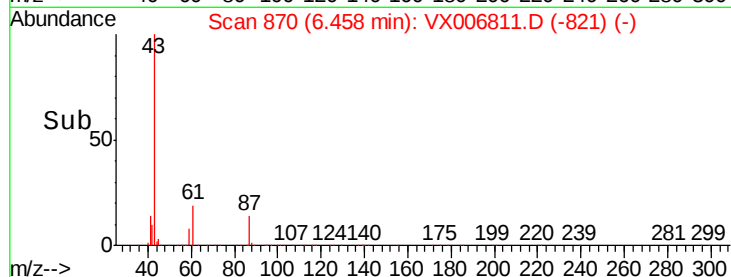
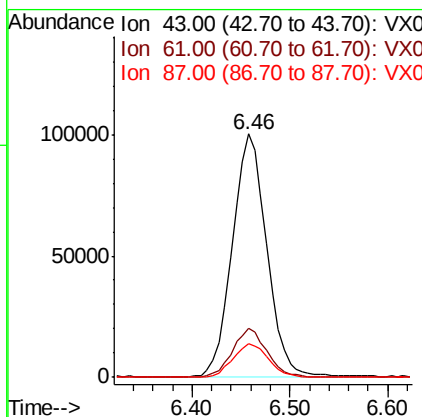
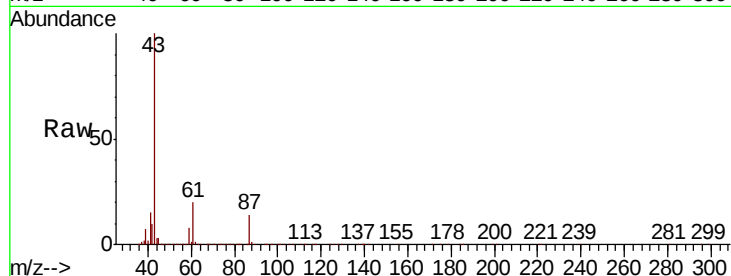
ClientSampleId :

VX1226MBS01

Tot Ion:	43	Resp:	242956
Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.8	25.2
87	14.4	12.4	18.6

Manual Integrations
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#44

Trichloroethene

Concen: 19.747 ug/l

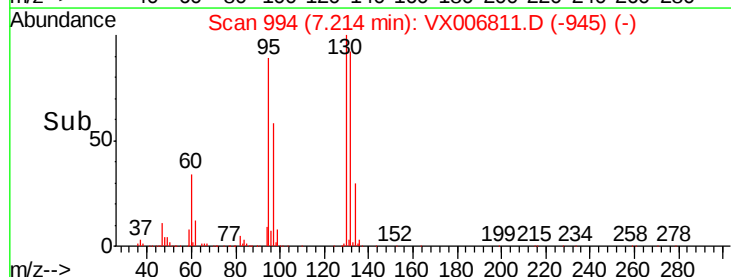
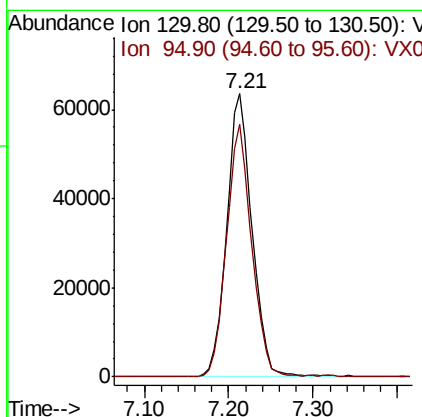
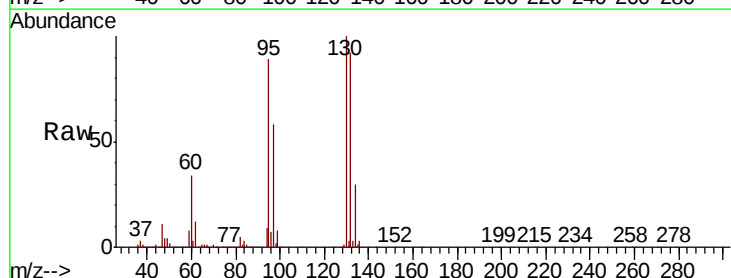
RT: 7.21 min Scan# 994

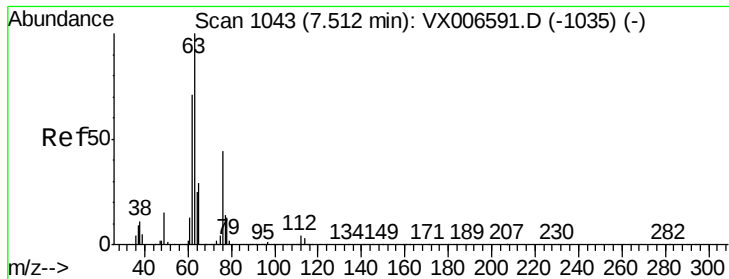
Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Tgt Ion:	130	Resp:	129782
Ion	Ratio	Lower	Upper
130	100		
95	89.0	0.0	187.0





#45

1,2-Dichloropropane

Concen: 20.673 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion: 63 Resp: 109239

Ion Ratio Lower Upper

63 100

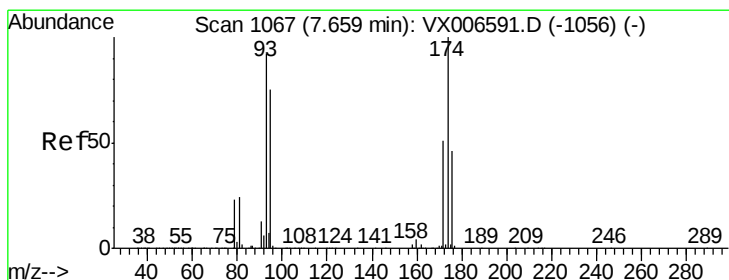
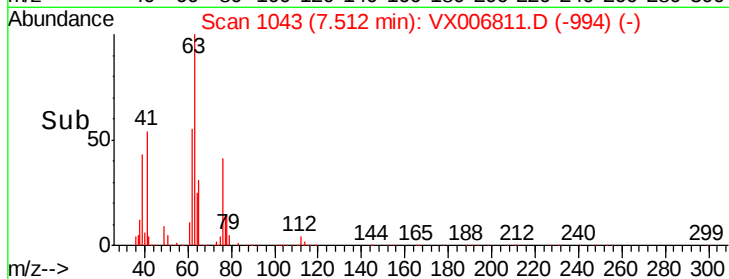
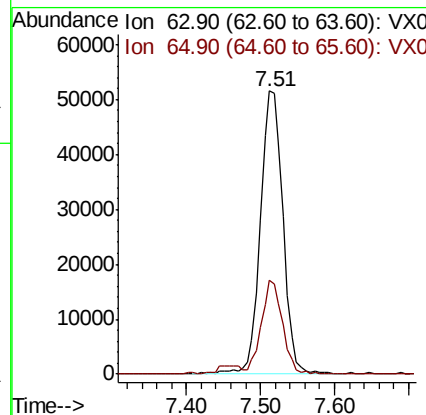
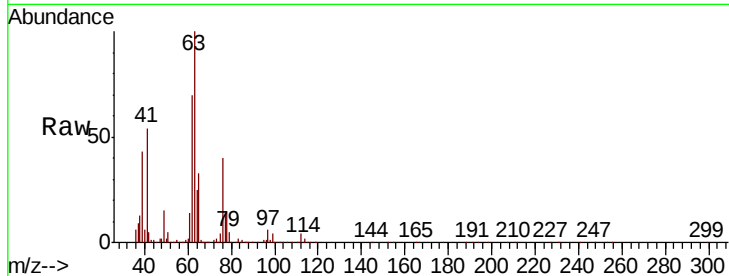
65 32.9 25.4 38.0

Manual Integrations

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MMDadoda

12/27/2018 9:39:00 AM



#46

Dibromomethane

Concen: 19.562 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

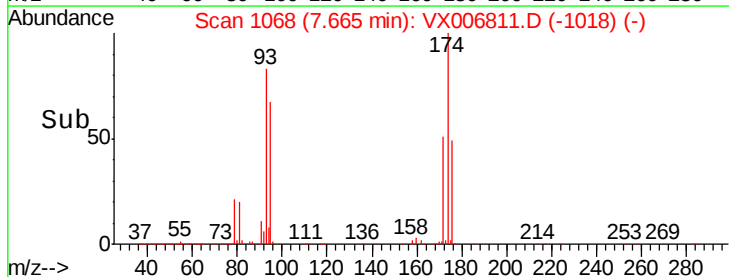
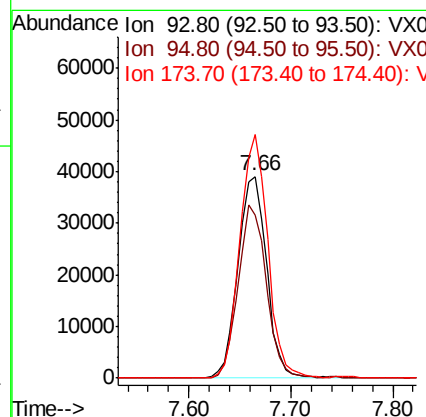
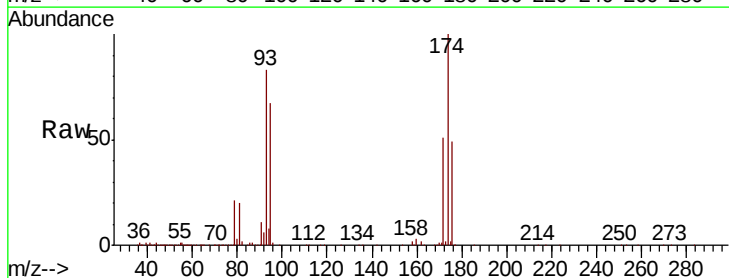
Tgt Ion: 93 Resp: 76034

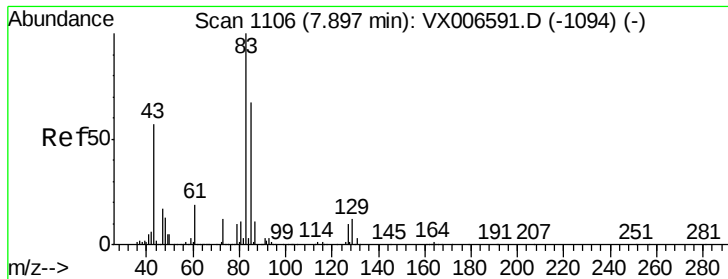
Ion Ratio Lower Upper

93 100

95 84.3 66.2 99.4

174 116.9 91.0 136.4





#47

Bromodichloromethane

Concen: 20.029 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

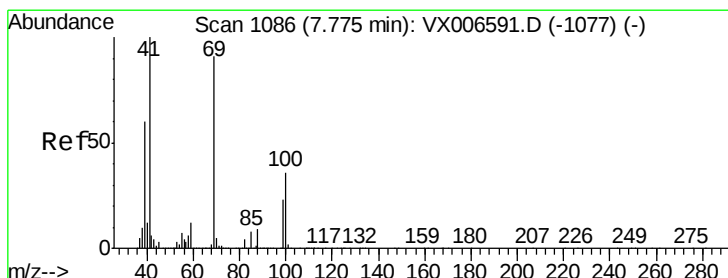
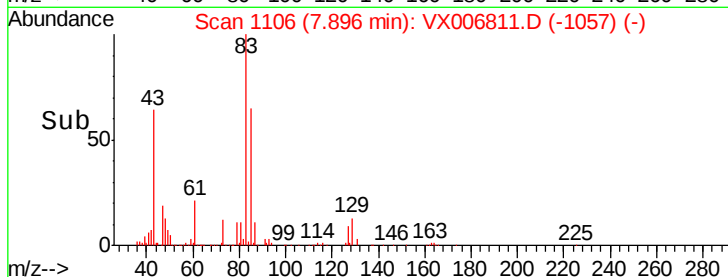
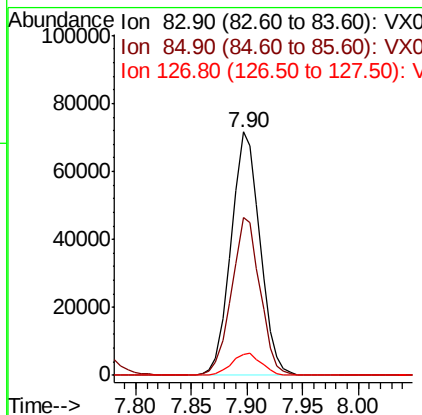
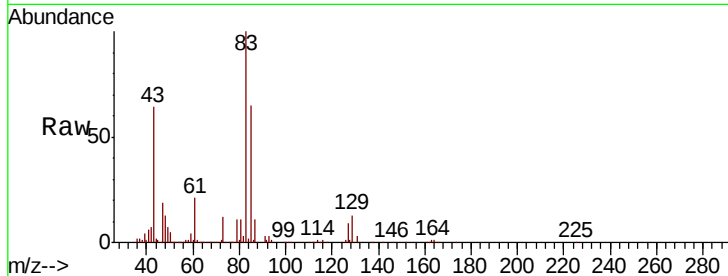
ClientSampleId :

VX1226MBS01

Tot Ion:	83	Resp:	129248
Ion Ratio	Lower	Upper	
83	100		
85	64.7	53.2	79.8
127	8.7	7.8	11.6

Manual Integrations
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12/27/2018 9:39:00 AM



#48

Methyl methacrylate

Concen: 21.855 ug/l

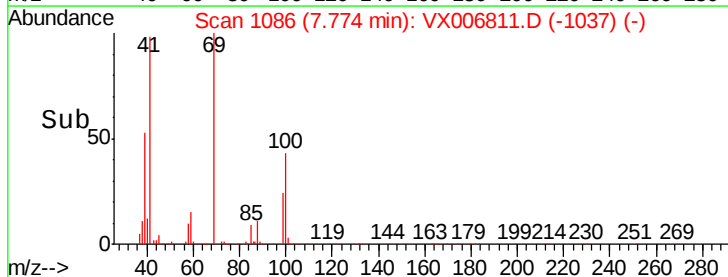
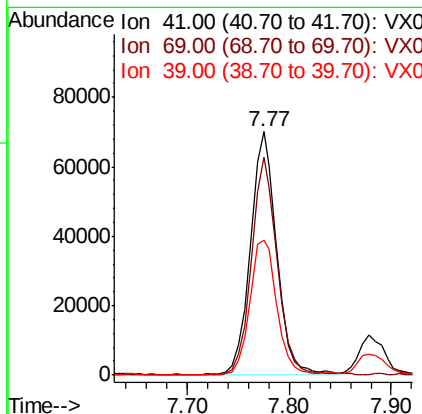
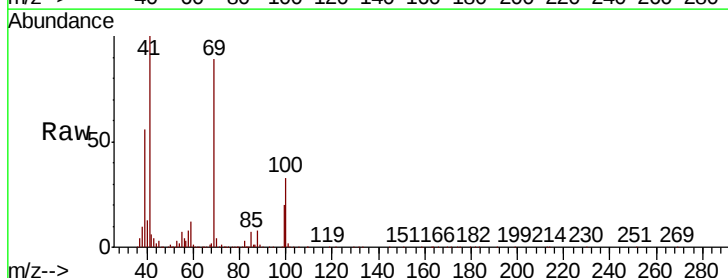
RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Tgt Ion:	41	Resp:	125732
Ion Ratio	Lower	Upper	
41	100		
69	88.6	72.4	108.6
39	57.1	45.8	68.8





#49

1,4-Dioxane

Concen: 418.261 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

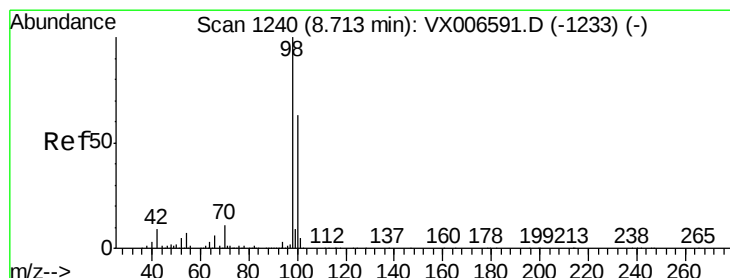
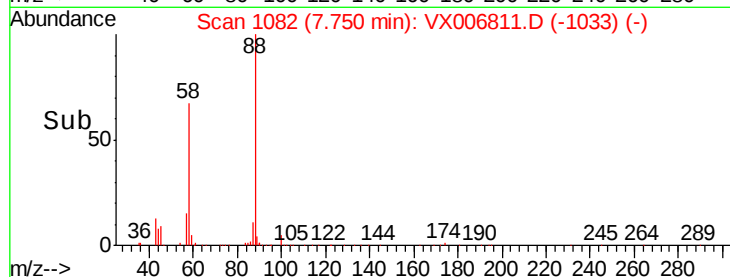
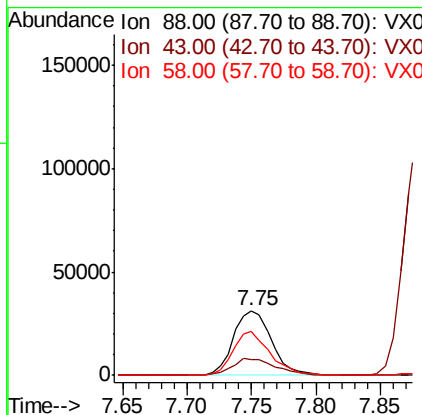
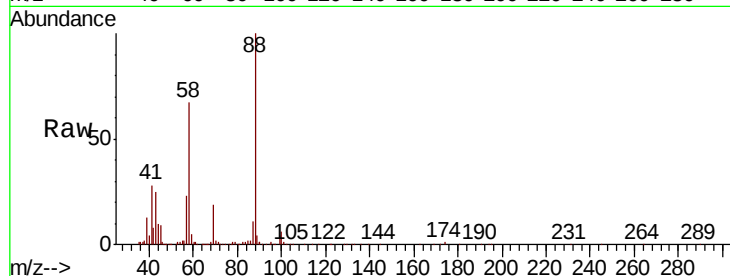
ClientSampleId :

VX1226MBS01

Tot Ion:	88	Resp:	64699
Ion	Ratio	Lower	Upper
88	100		
43	28.8	22.2	33.4
58	65.9	51.0	76.4

Manual Integrations
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MMDadoda
12/27/2018 9:39:00 AM



#50

Toluene-d8

Concen: 48.951 ug/l

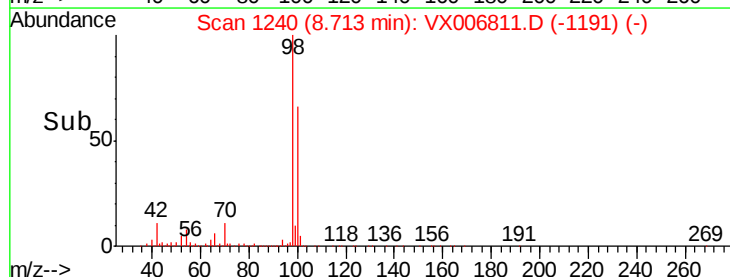
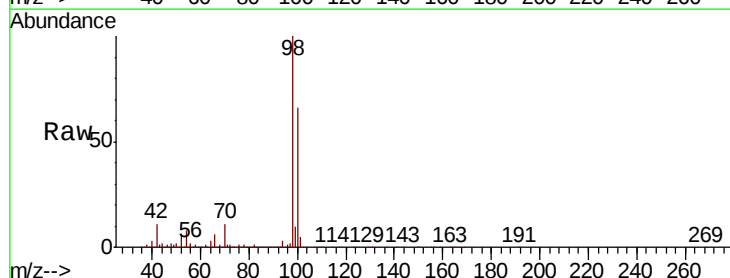
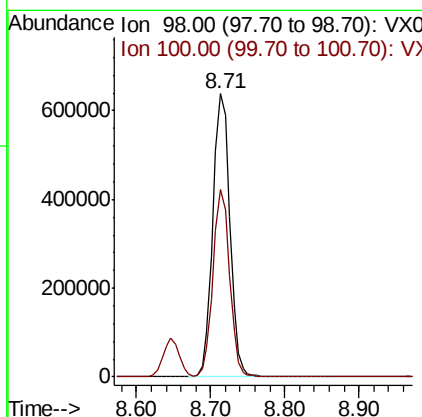
RT: 8.71 min Scan# 1240

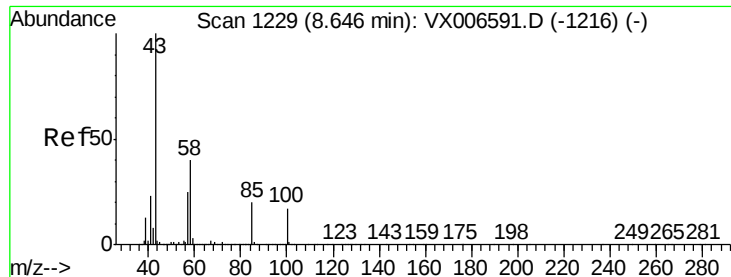
Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Tgt Ion:	98	Resp:	1006596
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0





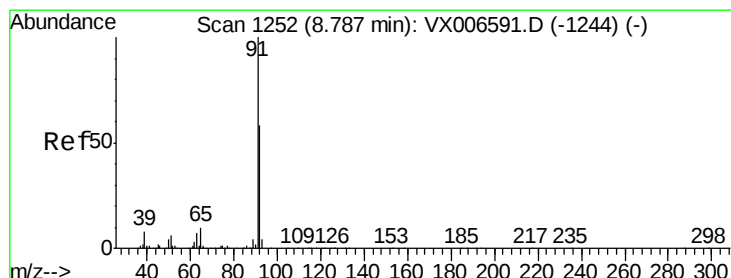
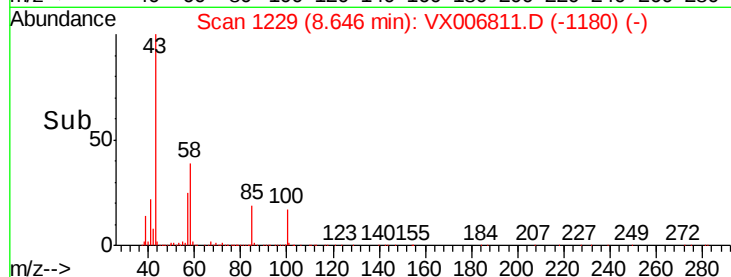
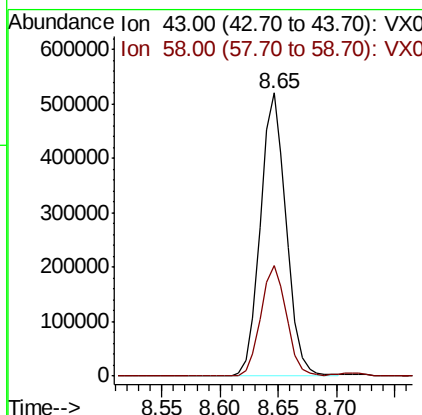
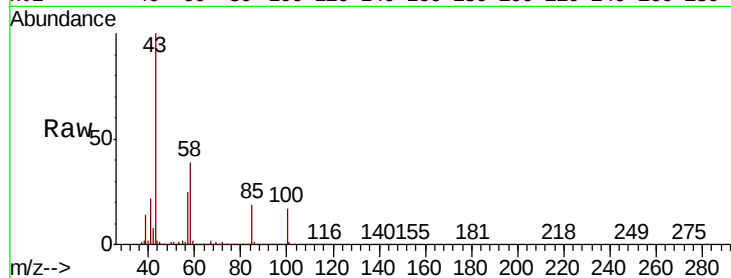
#51
4-Methyl-2-Pentanone
Concen: 111.668 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.0	31.8	47.6

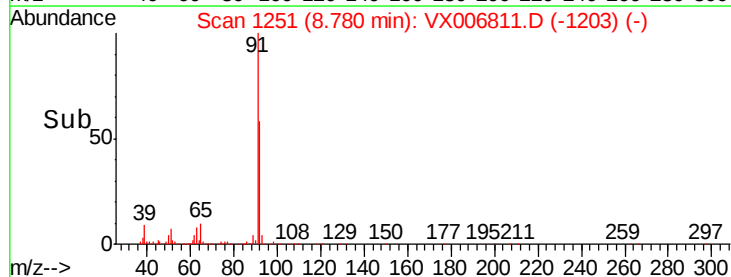
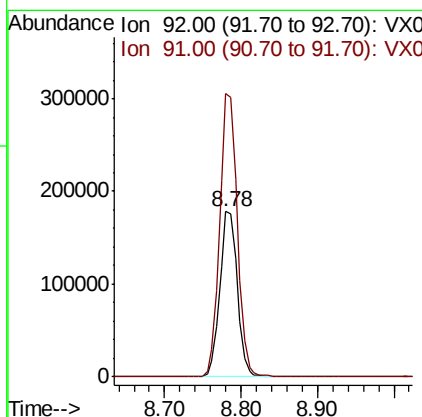
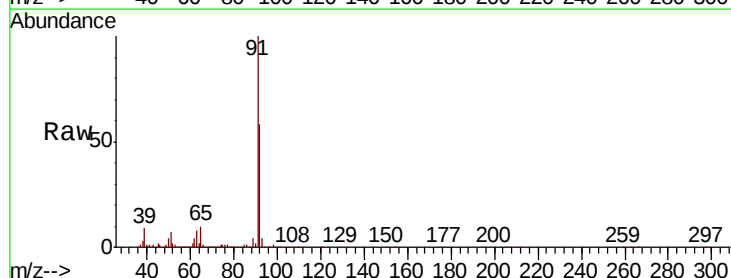
Manual Integrations
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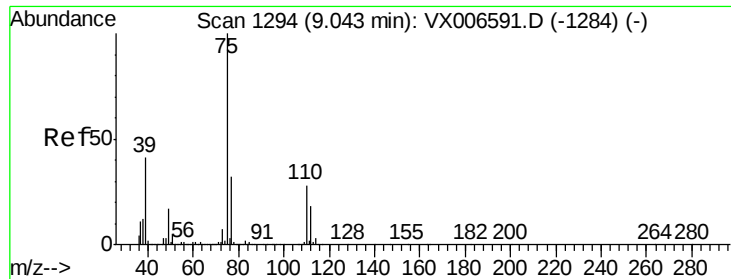
MMDadoda
12/27/2018 9:39:00 AM



#52
Toluene
Concen: 20.092 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.8	137.6	206.4





#53

t-1,3-Dichloropropene

Concen: 19.859 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion: 75 Resp: 137441

Ion Ratio Lower Upper

75 100

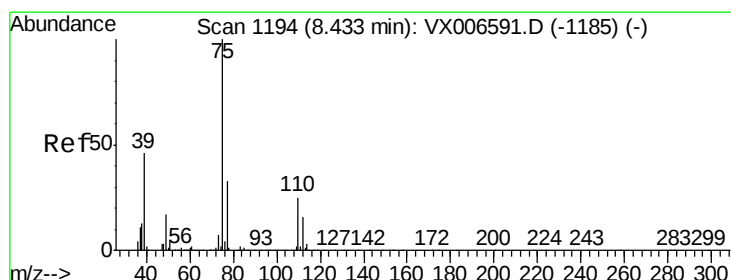
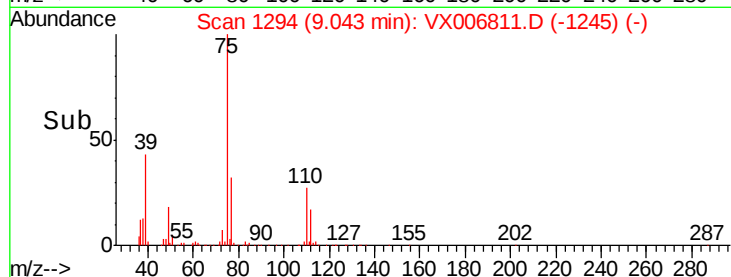
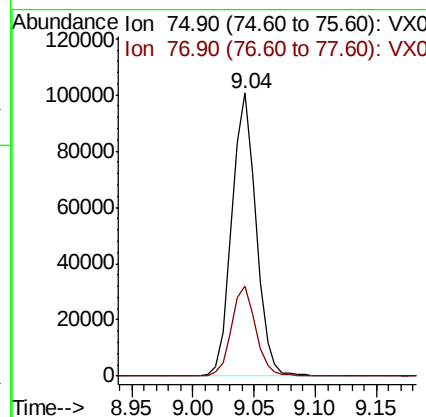
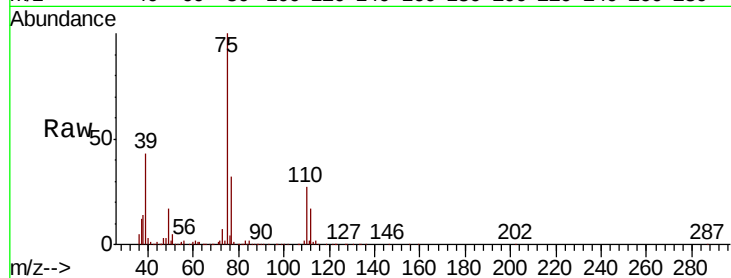
77 31.8 25.4 38.0

Manual Integrations

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MMDadoda

12/27/2018 9:39:00 AM



#54

cis-1,3-Dichloropropene

Concen: 20.699 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

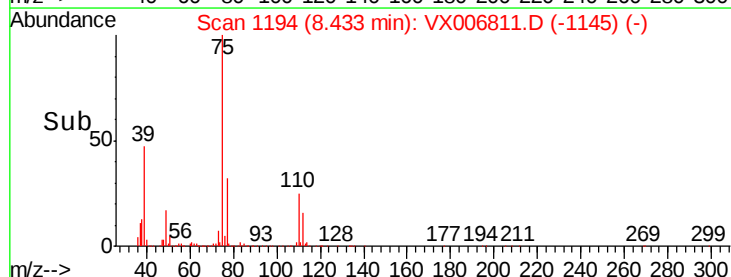
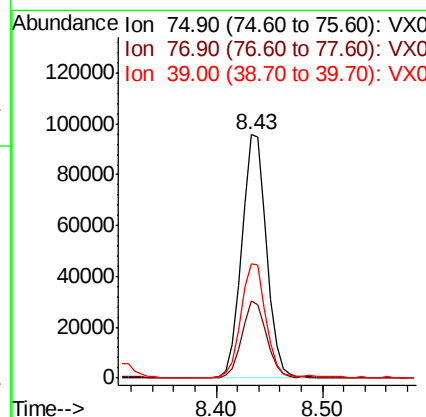
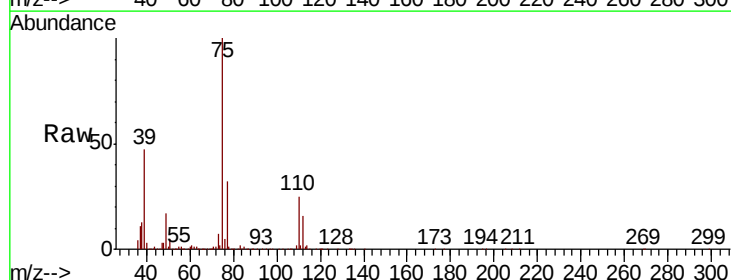
Tgt Ion: 75 Resp: 157185

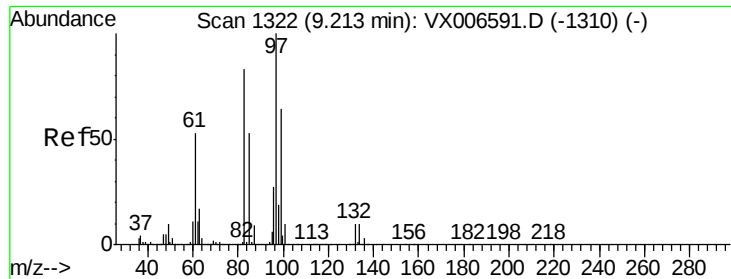
Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.2

39 46.8 36.7 55.1





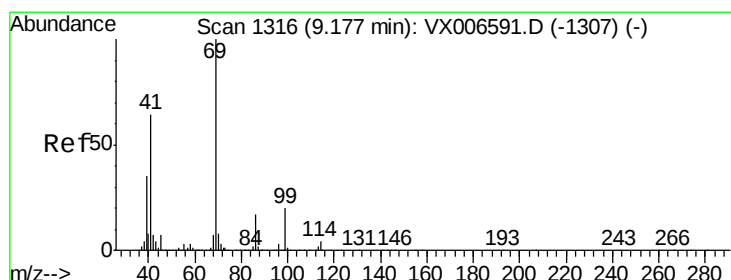
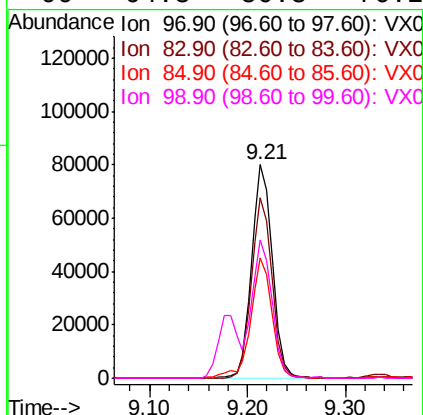
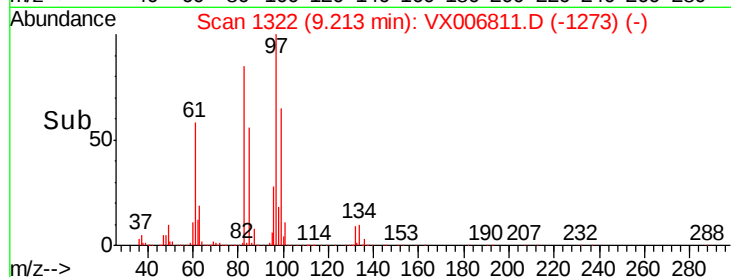
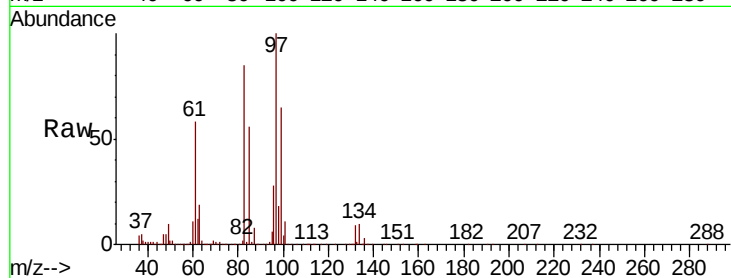
#55
 1,1,2-Trichloroethane
 Concen: 20.553 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006811.D
 Acq: 26 Dec 2018 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		118014		
83	84.5	66.6	99.8		
85	56.1	42.7	64.1		
99	64.8	50.8	76.2		

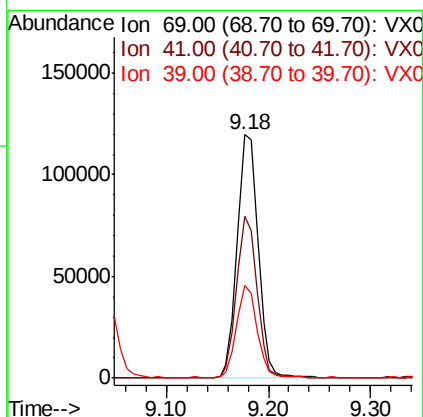
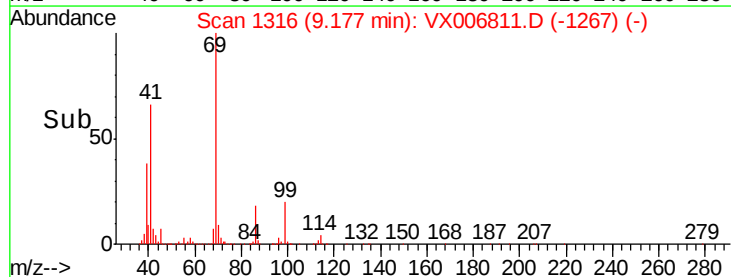
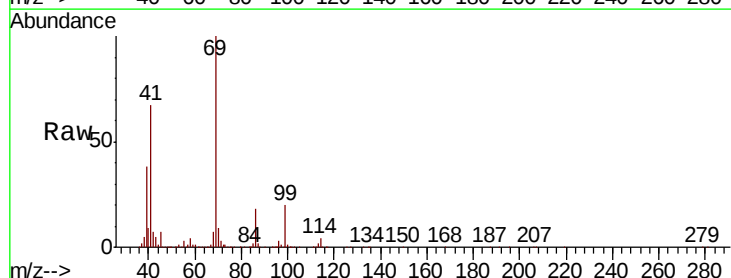
Manual Integrations
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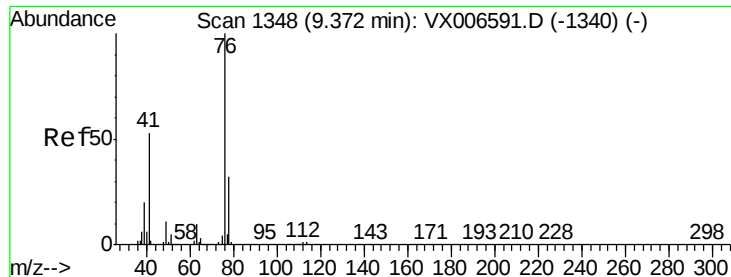
MMDadoda
 12/27/2018 9:39:00 AM



#56
 Ethyl methacrylate
 Concen: 20.994 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX006811.D
 Acq: 26 Dec 2018 12:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		170381		
41	65.0	48.7	73.1		
39	36.9	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 19.894 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion: 76 Resp: 183787

Ion Ratio Lower Upper

76 100

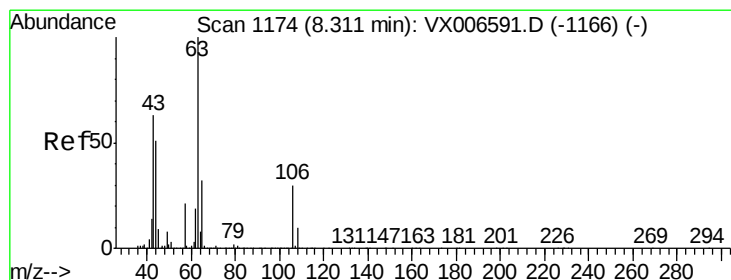
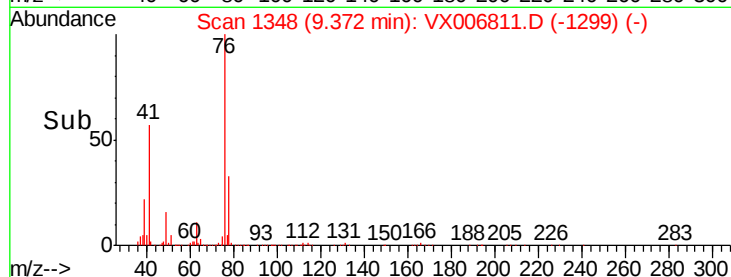
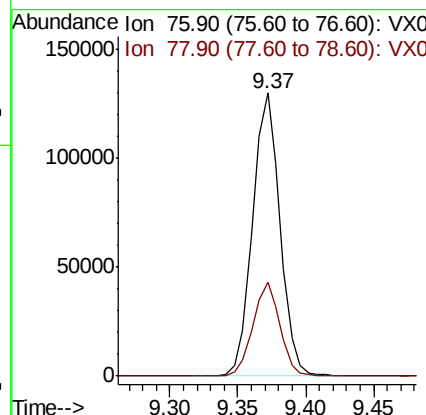
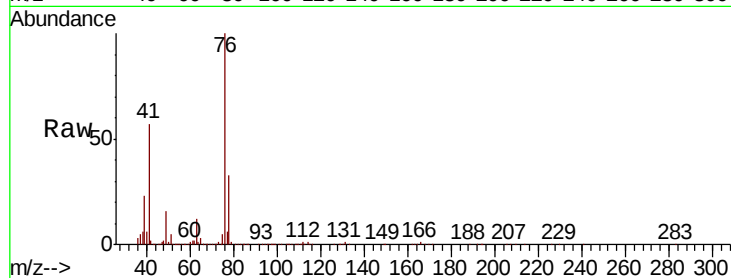
78 32.6 26.0 39.0

Manual Integrations

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MMDadoda

12/27/2018 9:39:00 AM



#58

2-Chloroethyl Vinyl ether

Concen: 101.019 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006811.D

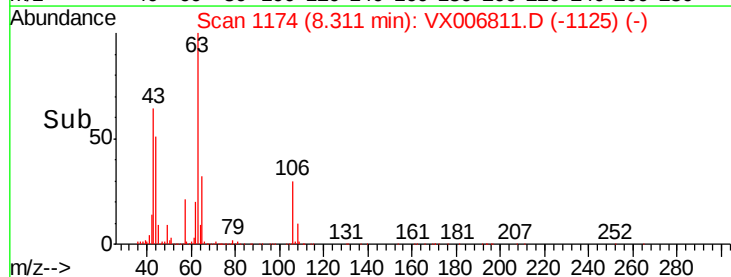
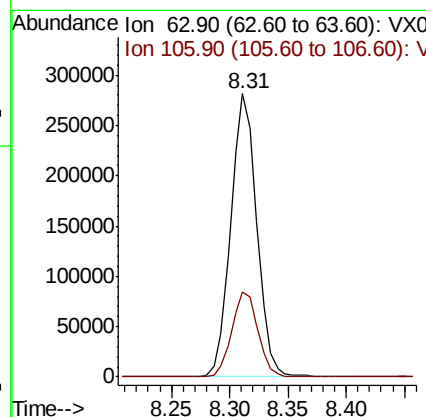
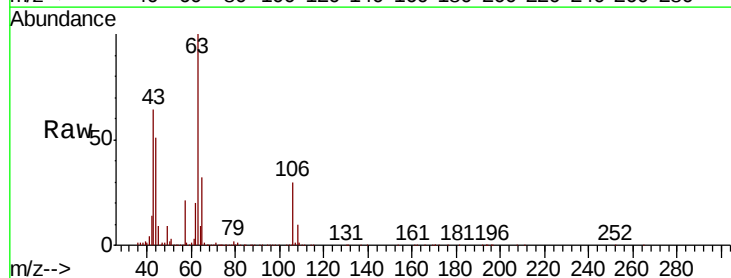
Acq: 26 Dec 2018 12:03

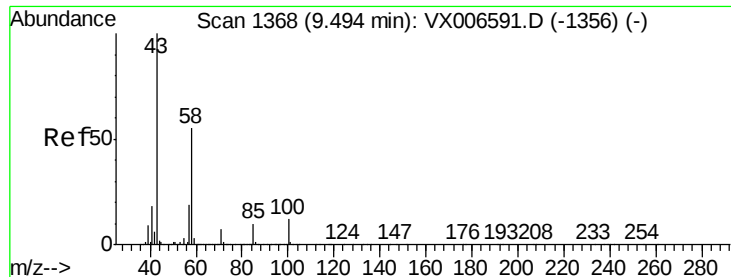
Tgt Ion: 63 Resp: 435794

Ion Ratio Lower Upper

63 100

106 30.6 24.6 36.8





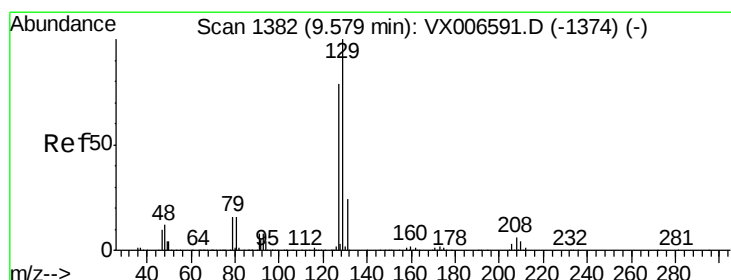
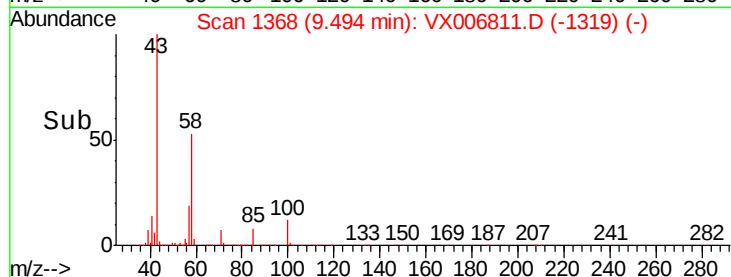
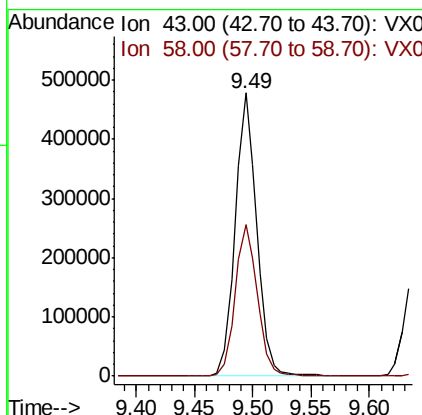
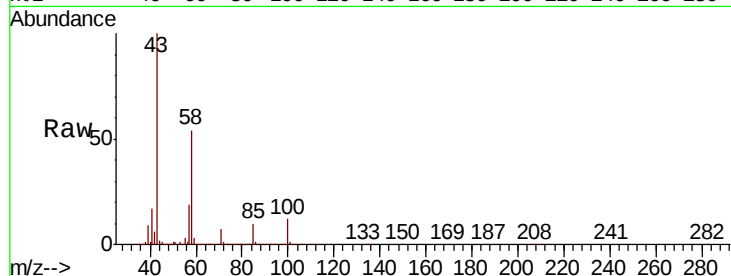
#59
2-Hexanone
Concen: 111.789 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion: 43 Resp: 615668
Ion Ratio Lower Upper
43 100
58 55.3 27.7 83.1

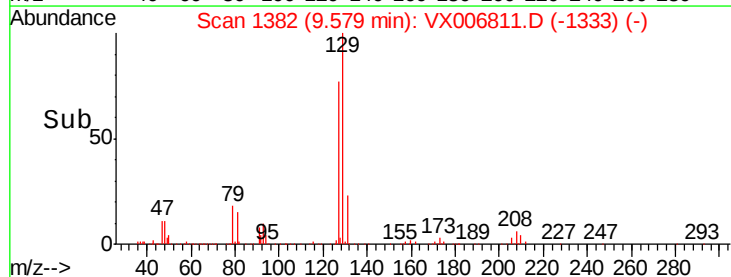
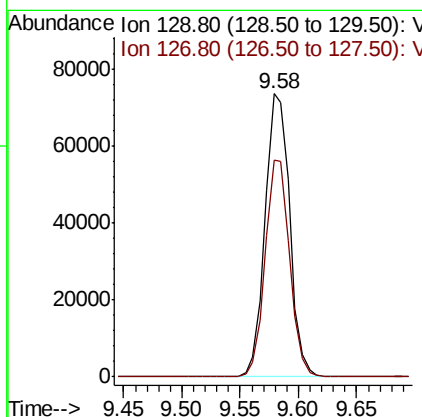
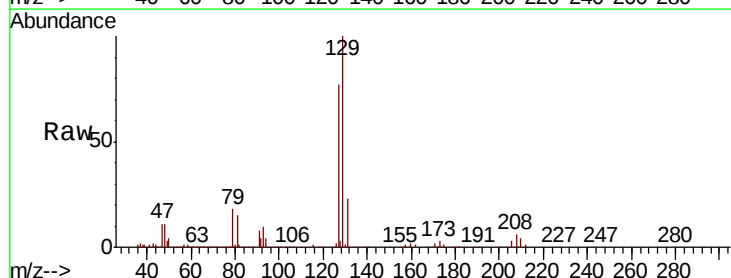
Manual Integrations
APPROVED

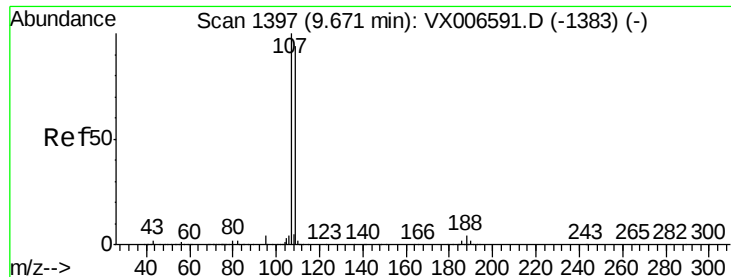
MMDadoda
12/27/2018 9:39:00 AM



#60
Dibromochloromethane
Concen: 19.587 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Tgt Ion: 129 Resp: 108726
Ion Ratio Lower Upper
129 100
127 76.2 39.3 117.8





#61

1,2-Dibromoethane

Concen: 20.202 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion: 107 Resp: 123310

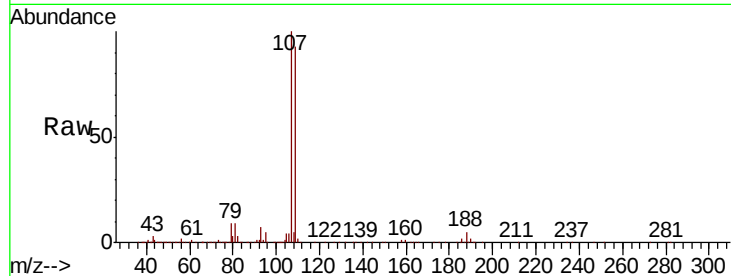
Ion Ratio Lower Upper

107 100

109 94.9 75.8 113.6

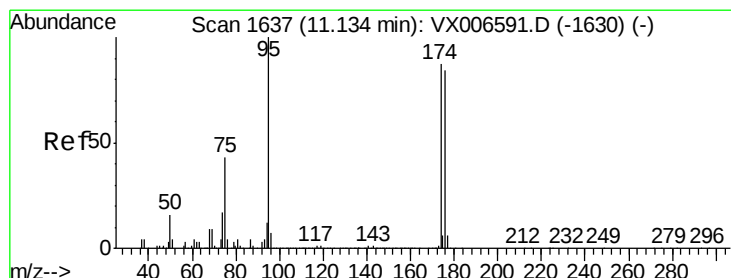
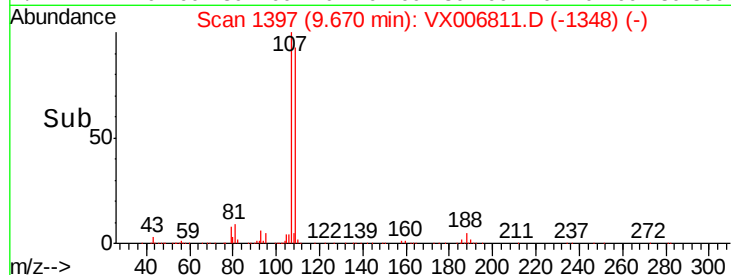
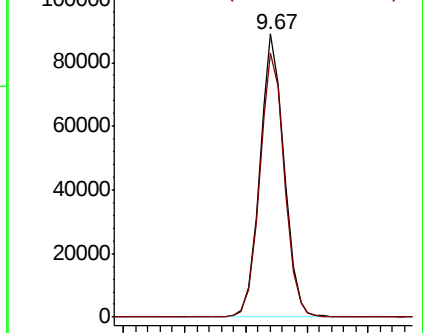
Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.648 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

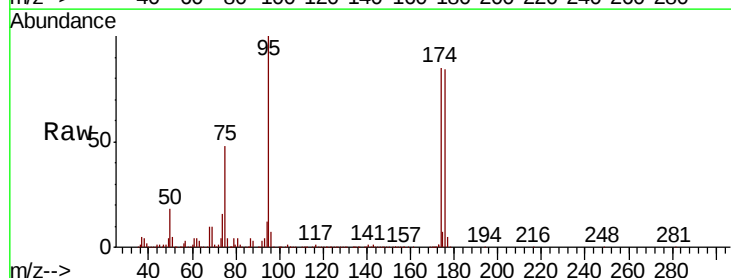
Tgt Ion: 95 Resp: 373904

Ion Ratio Lower Upper

95 100

174 92.2 0.0 182.2

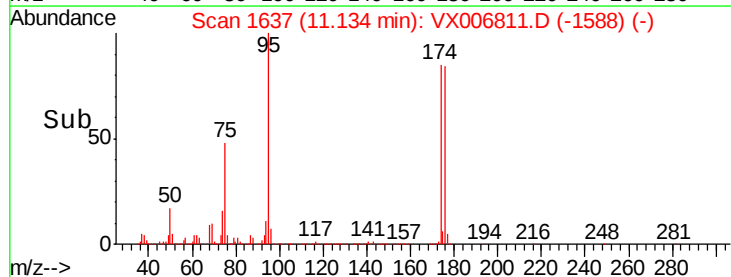
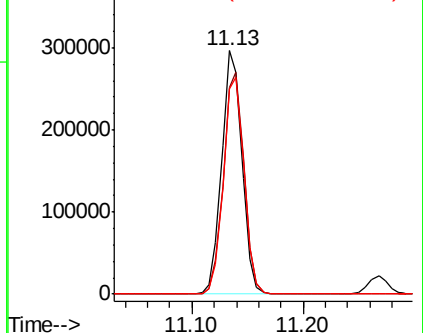
176 90.4 0.0 178.8

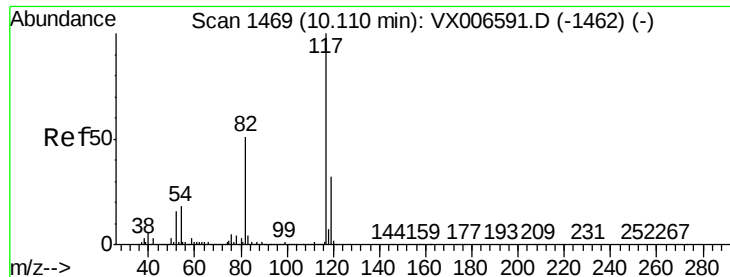


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





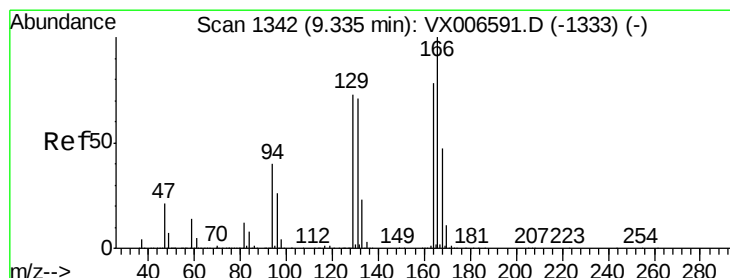
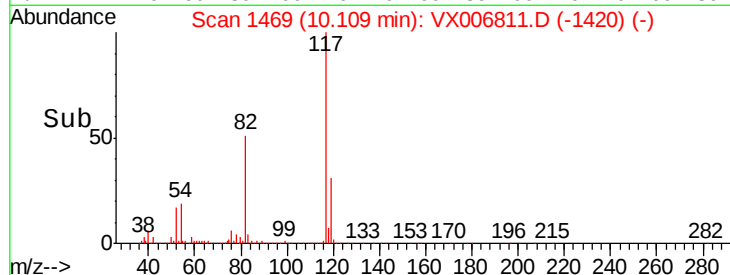
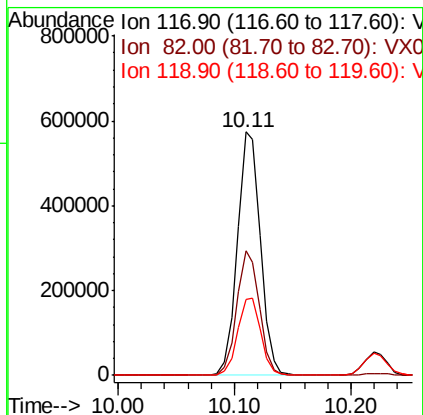
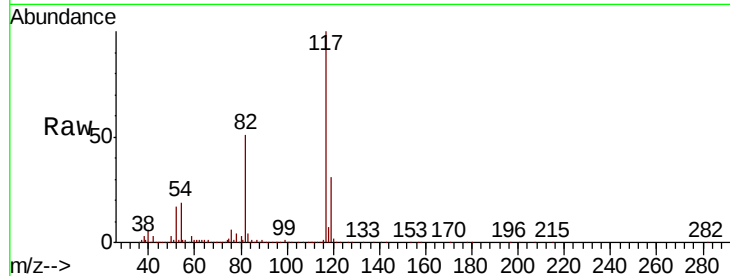
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	792184		
82	51.2		41.0	61.6
119	31.3		25.4	38.0

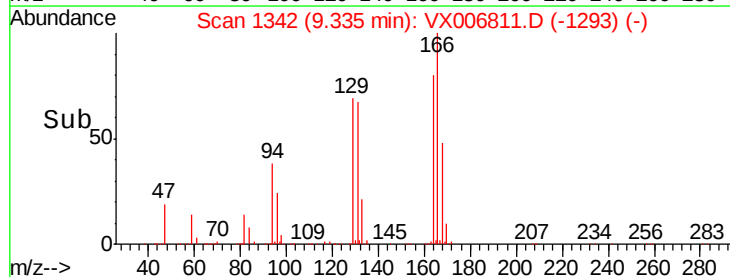
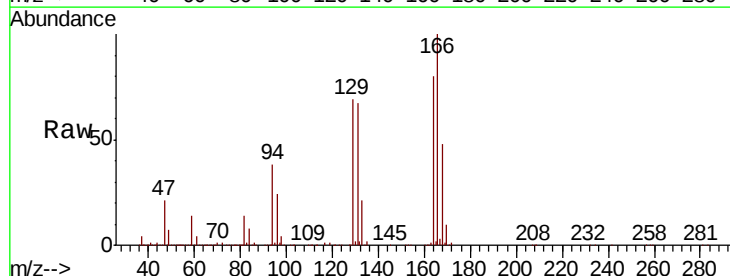
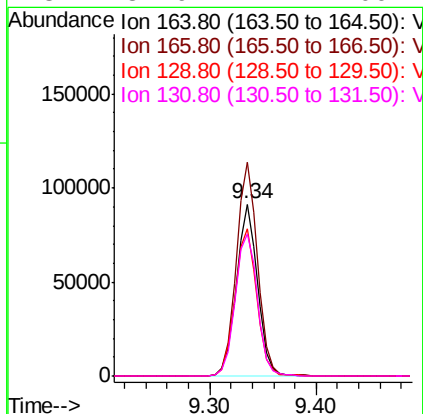
Manual Integrations
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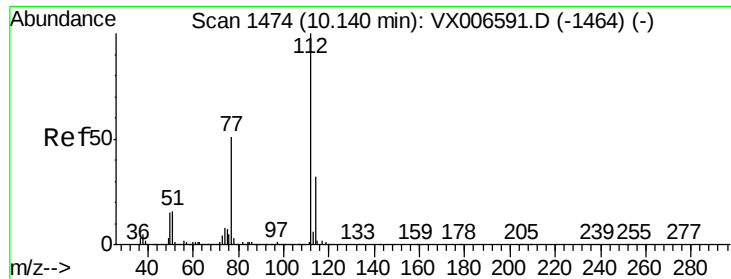
MMDadoda
12/27/2018 9:39:00 AM



#64
Tetrachloroethene
Concen: 20.313 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	127424		
166	124.4		102.5	153.7
129	86.0		75.1	112.7
131	82.9		72.7	109.1





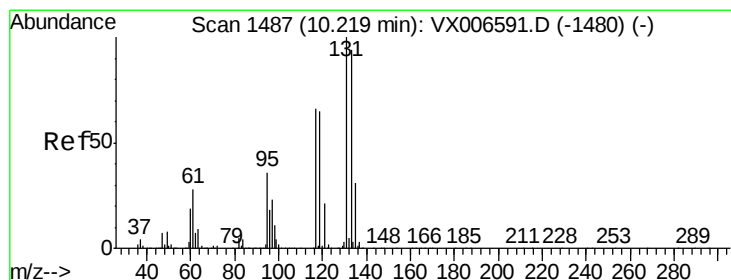
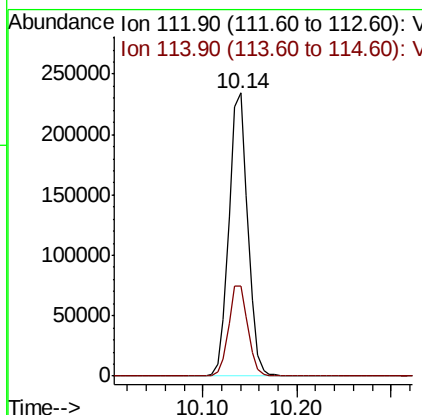
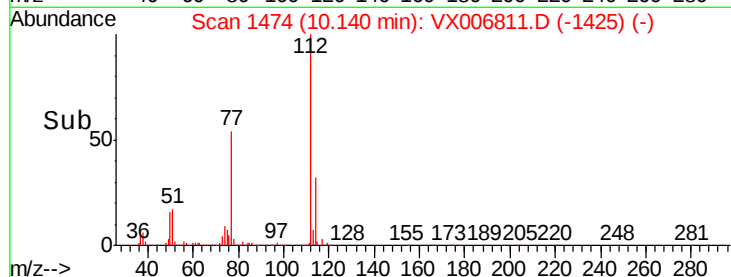
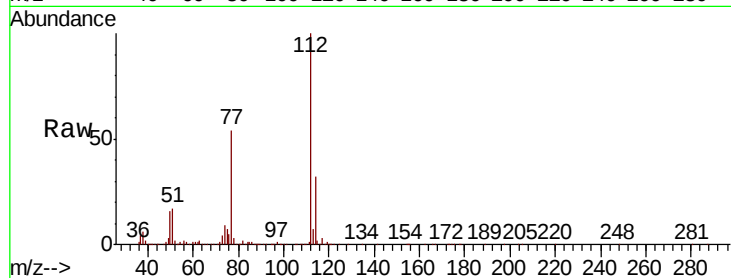
#65
Chlorobenzene
Concen: 19.436 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion:112 Resp: 325738
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

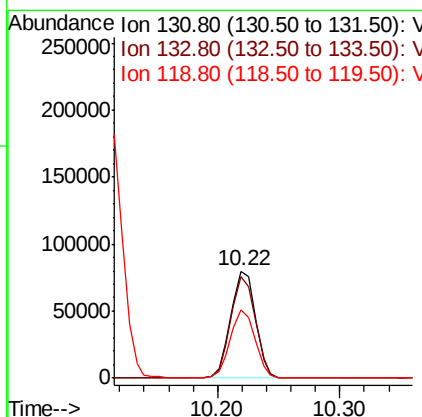
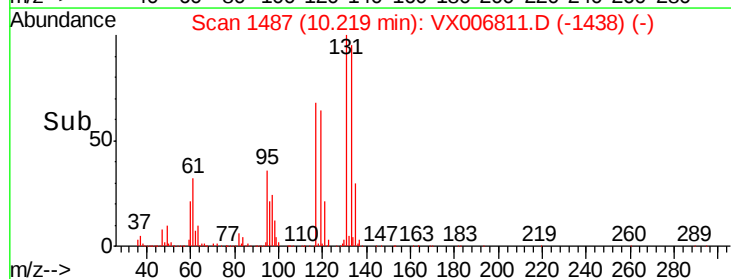
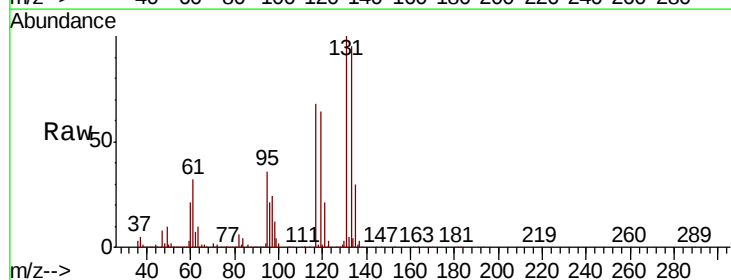
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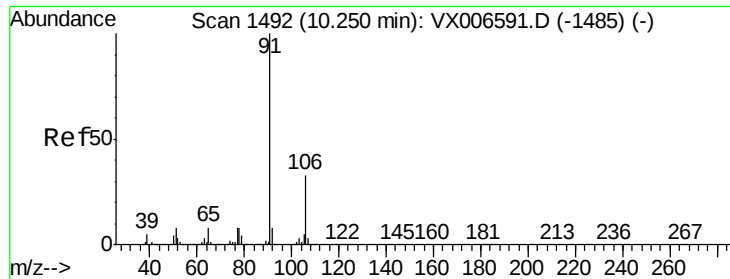
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.464 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Tgt Ion:131 Resp: 112233
Ion Ratio Lower Upper
131 100
133 93.9 48.0 144.2
119 63.7 32.6 97.8





#67

Ethyl Benzene

Concen: 19.477 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion: 91 Resp: 533386

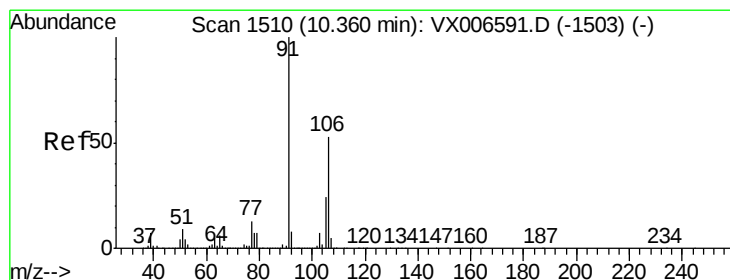
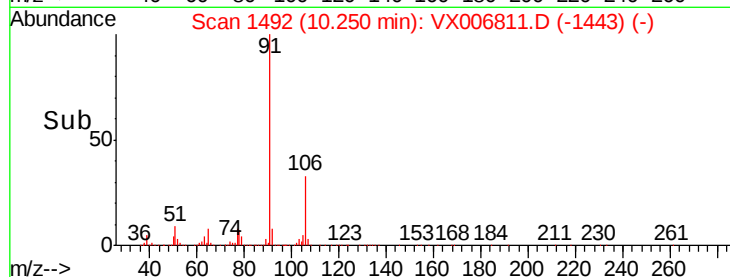
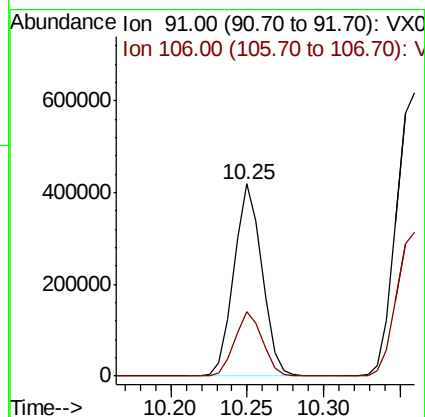
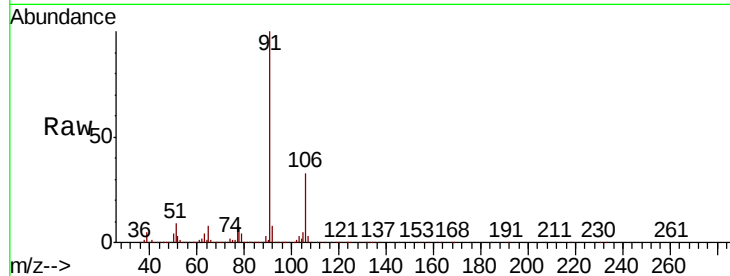
Ion Ratio Lower Upper

91 100

106 33.2 26.4 39.6

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#68

m/p-Xylenes

Concen: 39.782 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006811.D

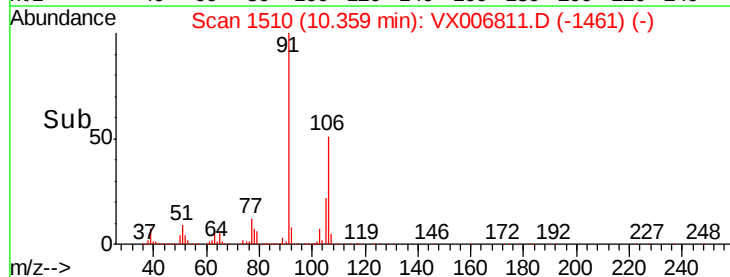
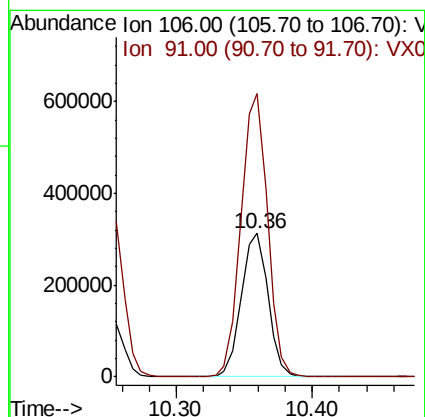
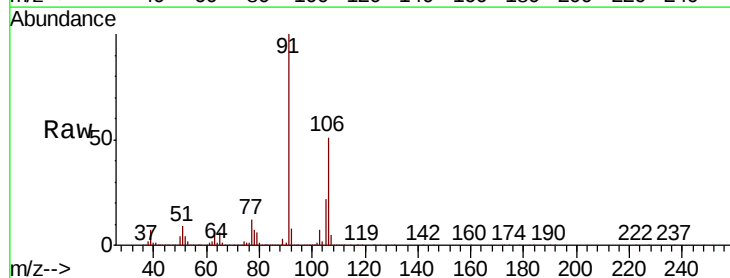
Acq: 26 Dec 2018 12:03

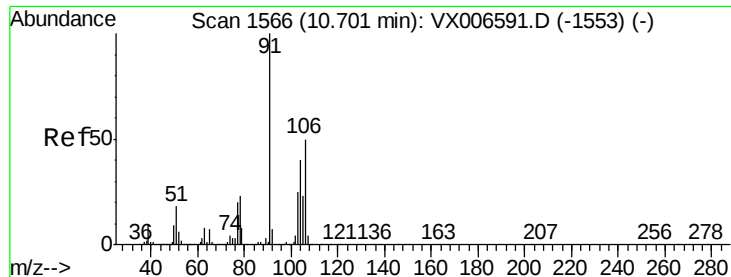
Tgt Ion: 106 Resp: 429898

Ion Ratio Lower Upper

106 100

91 195.6 155.8 233.6





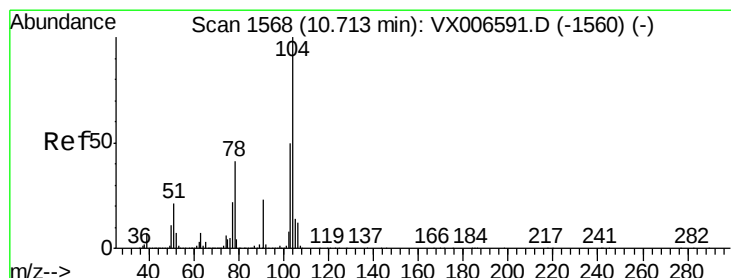
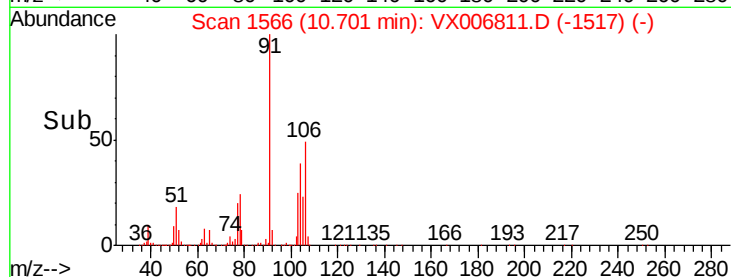
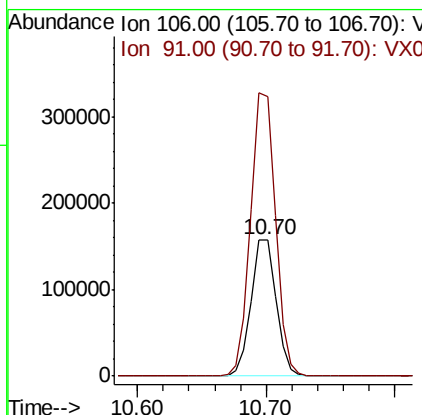
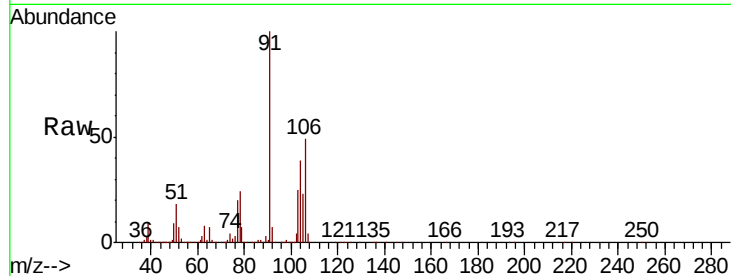
#69
o-Xylene
Concen: 19.763 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	210895		
91	206.3	101.3	303.7		

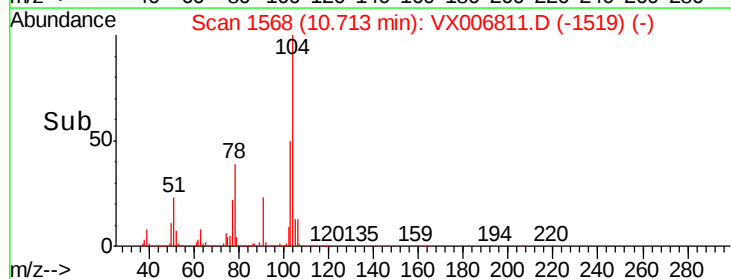
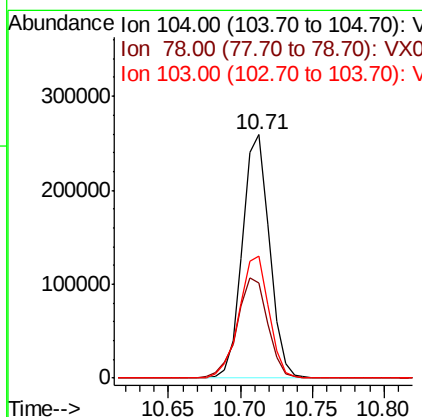
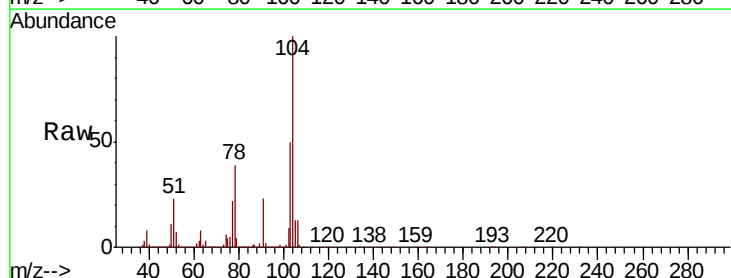
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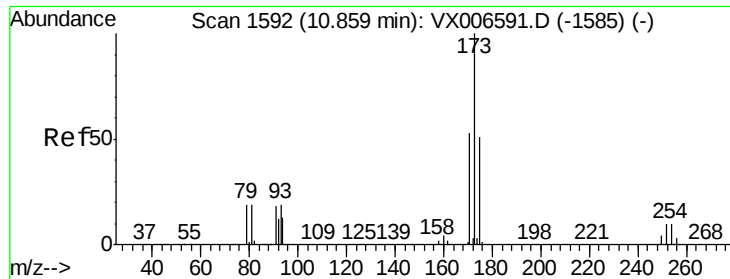
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#70
Styrene
Concen: 20.083 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	339054		
78	46.9	37.7	56.5		
103	55.0	43.8	65.8		





#71

Bromoform

Concen: 19.559 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

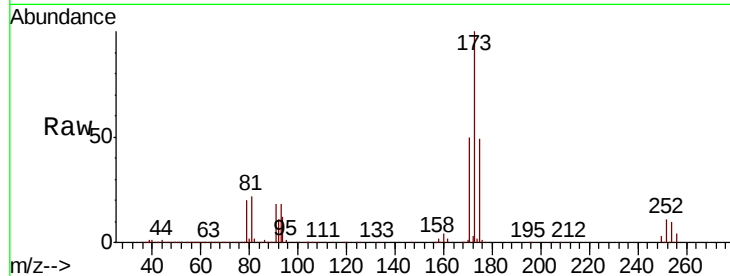
ClientSampleId :

VX1226MBS01

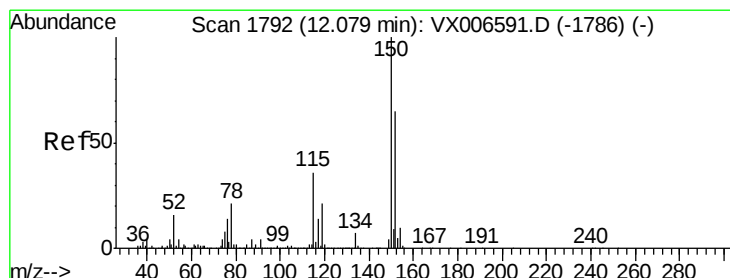
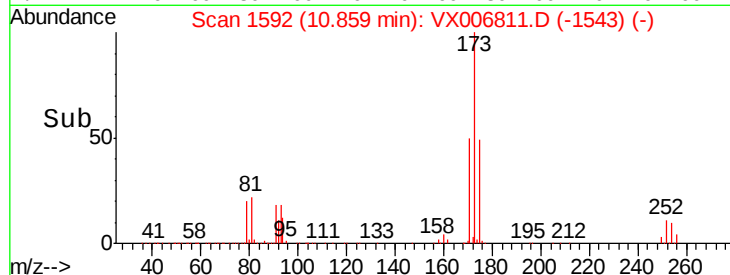
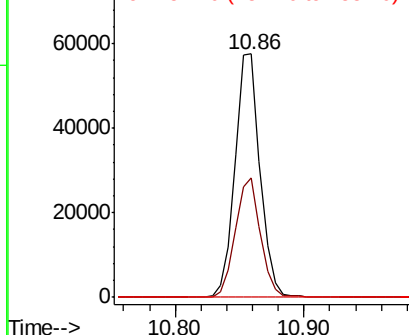
Tot Ion:	173	Resp:	78189
Ion Ratio	Lower	Upper	
173	100		
175	49.2	24.7	74.1
254	0.1	0.2	0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

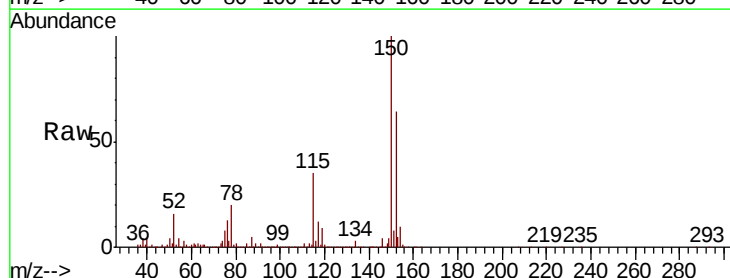
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

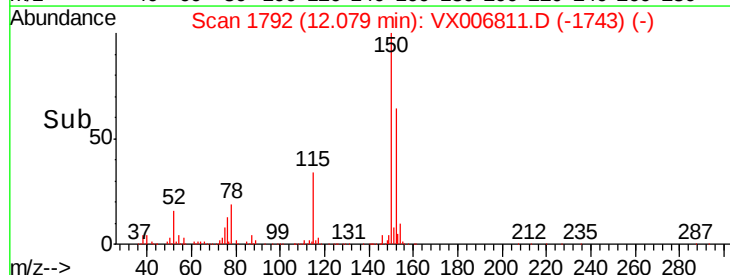
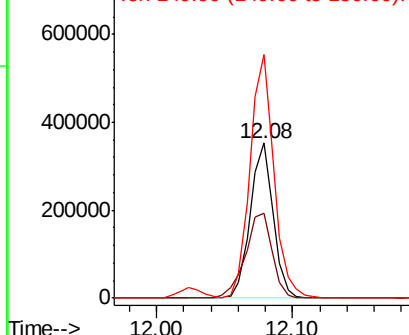
Lab File: VX006811.D

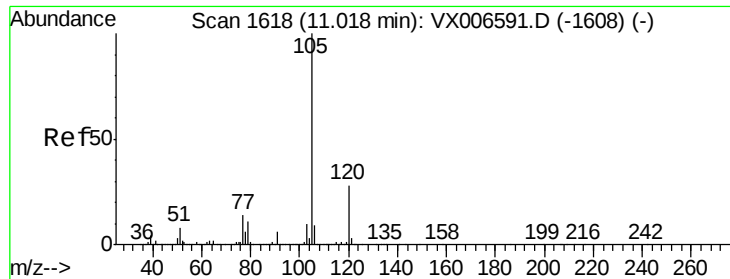
Acq: 26 Dec 2018 12:03

Tgt Ion:	152	Resp:	415467
Ion Ratio	Lower	Upper	
152	100		
115	64.4	39.1	117.2
150	163.7	0.0	344.8



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: 19.900 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion: 105 Resp: 565621

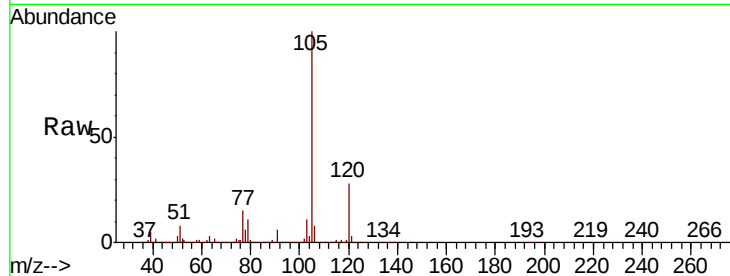
Ion Ratio Lower Upper

105 100

120 27.4 14.1 42.4

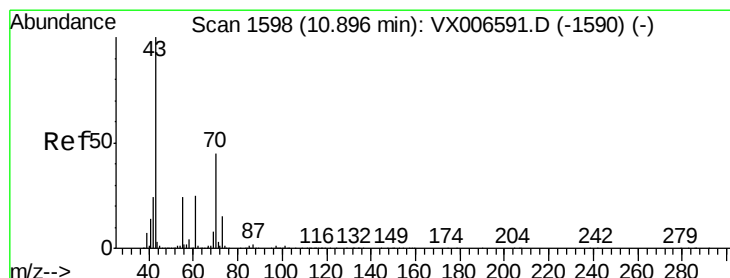
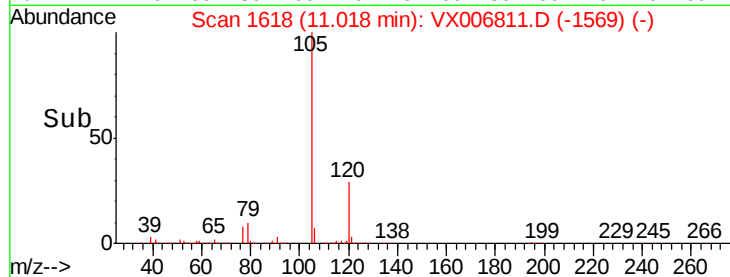
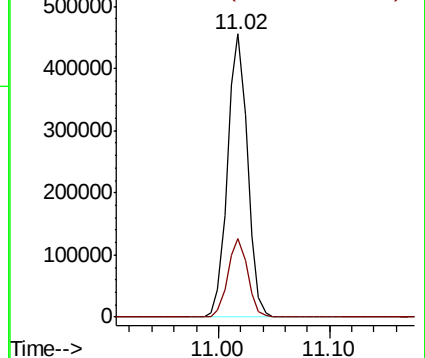
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.123 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Tgt Ion: 43 Resp: 225079

Ion Ratio Lower Upper

43 100

70 42.6 35.8 53.8

55 24.0 19.4 29.0

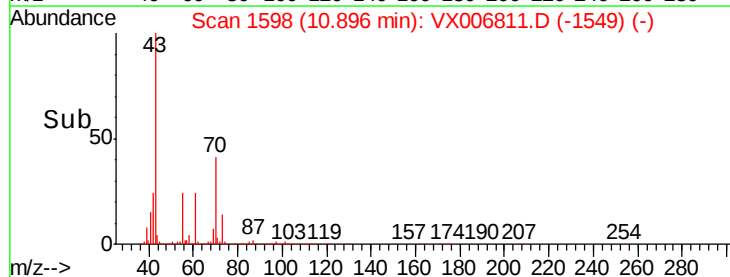
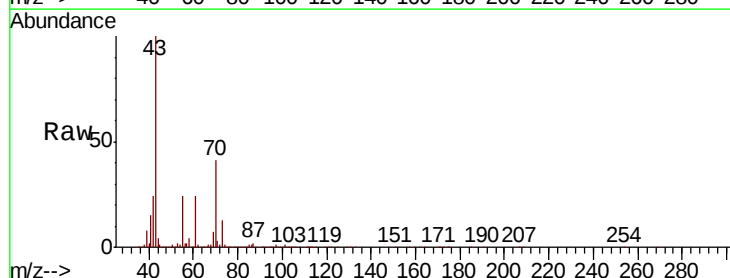
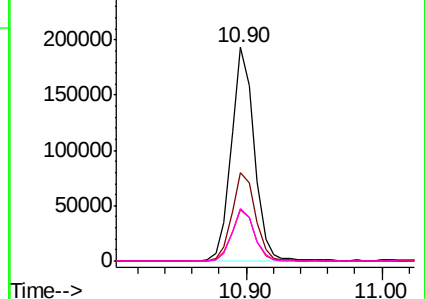
61 24.3 20.1 30.1

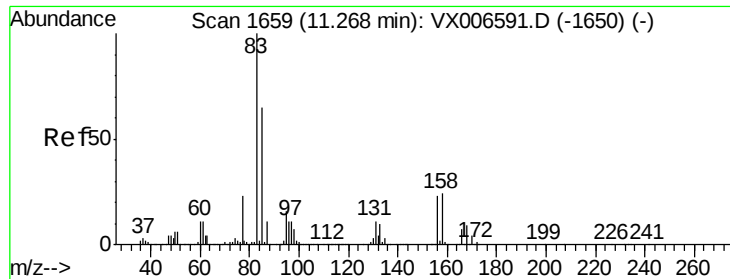
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.700 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion: 83 Resp: 183430

Ion Ratio Lower Upper

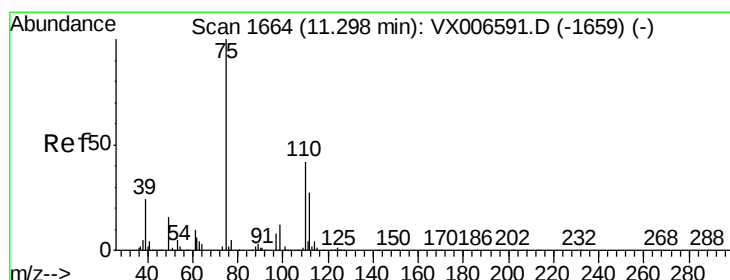
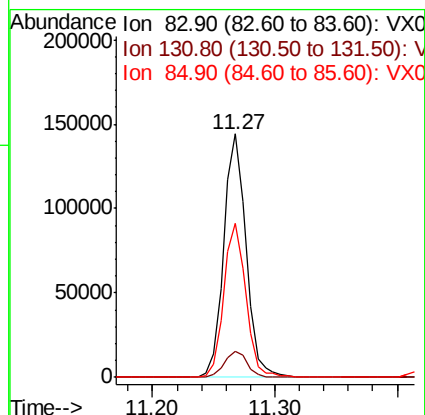
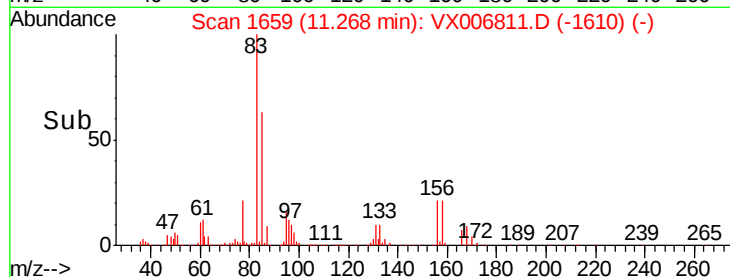
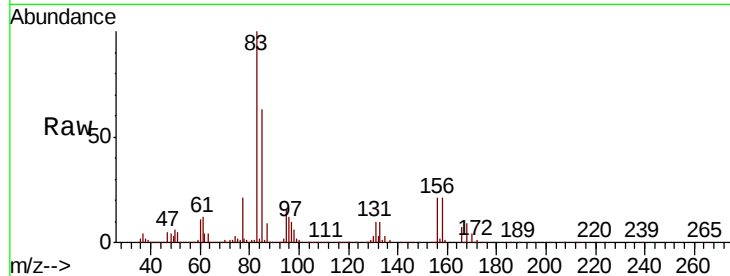
83 100

131 11.0 5.7 17.1

85 62.4 32.2 96.6

Manual Integrations
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MMDadoda
12/27/2018 9:39:00 AM



#76

1,2,3-Trichloropropane

Concen: 21.445 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006811.D

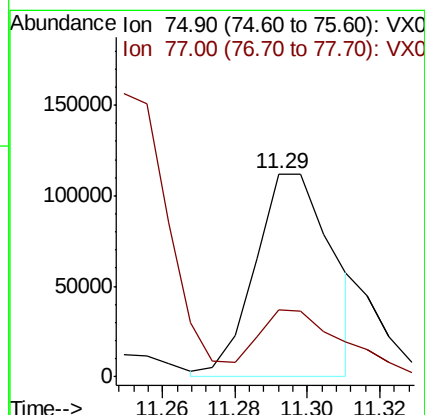
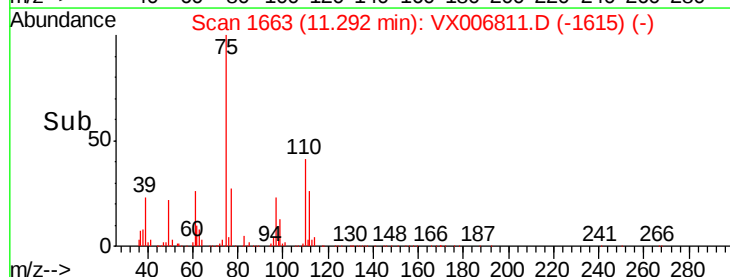
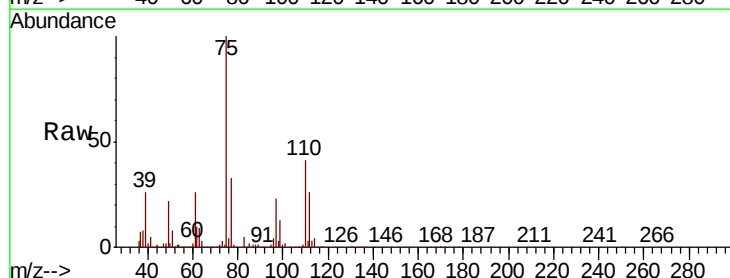
Acq: 26 Dec 2018 12:03

Tgt Ion: 75 Resp: 165578

Ion Ratio Lower Upper

75 100

77 36.7 18.5 55.5





#77

Bromobenzene

Concen: 20.032 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

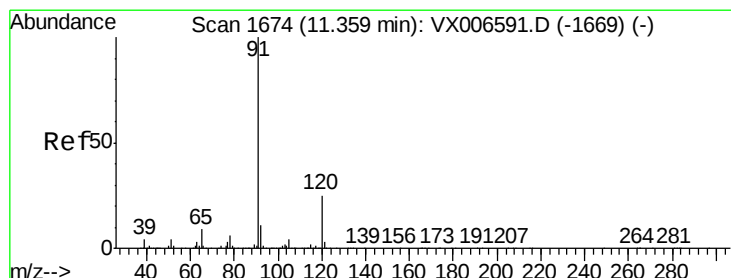
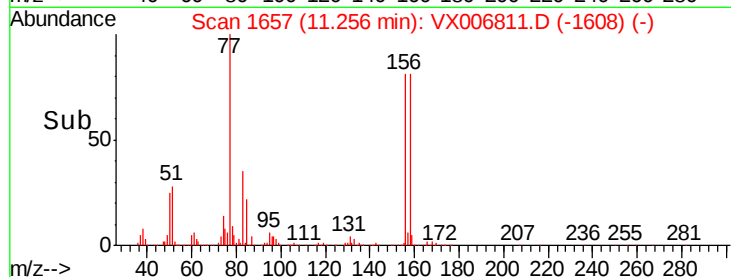
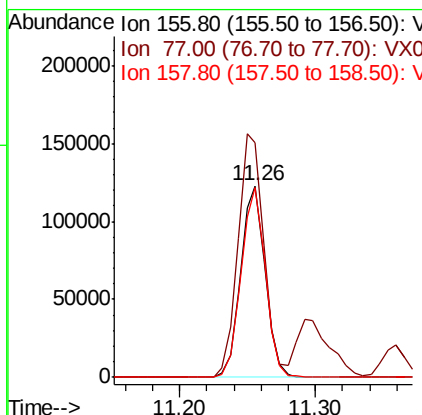
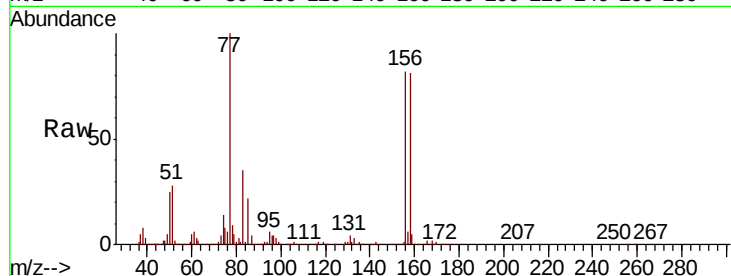
ClientSampleId :

VX1226MBS01

Tot Ion:	156	Resp:	153927
Ion Ratio	Lower	Upper	
156	100		
77	134.6	68.0	204.0
158	98.1	48.3	144.8

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#78

n-propylbenzene

Concen: 19.808 ug/l

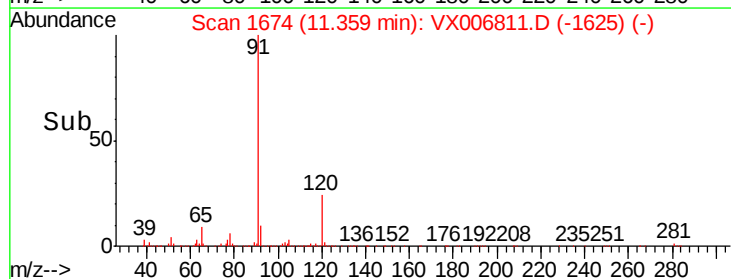
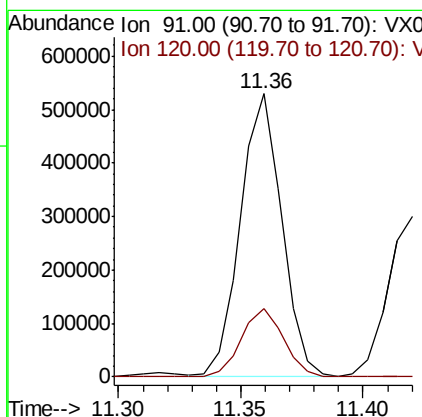
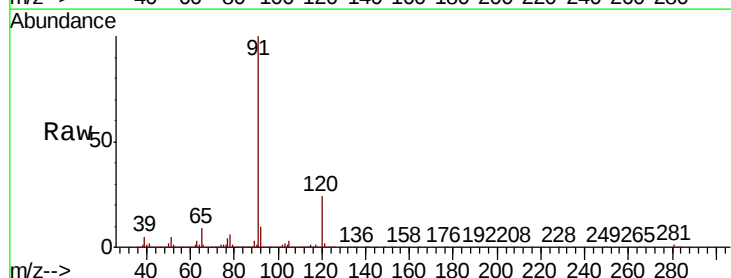
RT: 11.36 min Scan# 1674

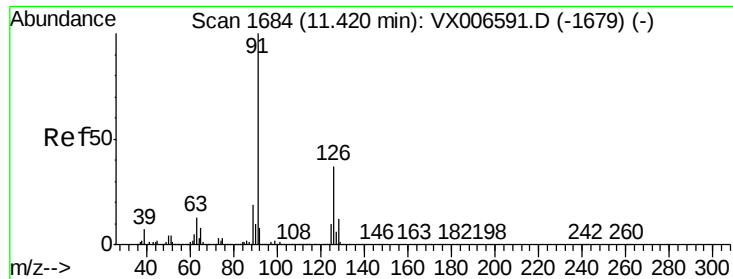
Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Tgt Ion:	91	Resp:	619964
Ion Ratio	Lower	Upper	
91	100		
120	24.8	12.7	38.0





#79

2-Chlorotoluene

Concen: 19.726 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion: 91 Resp: 374159

Ion Ratio Lower Upper

91 100

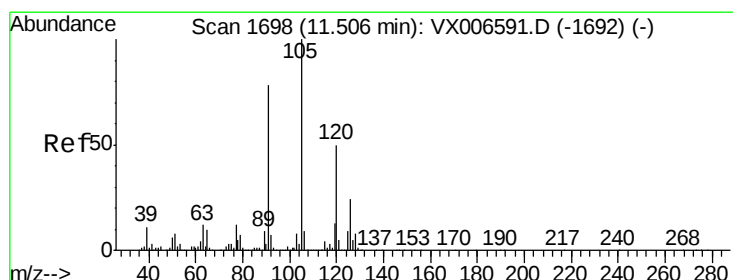
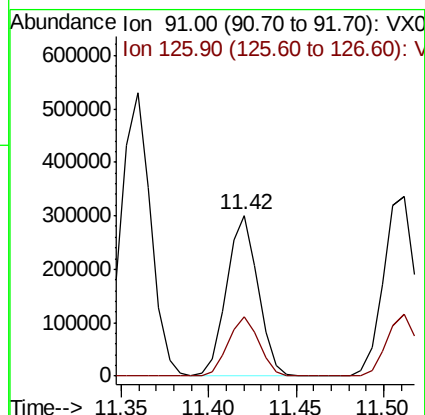
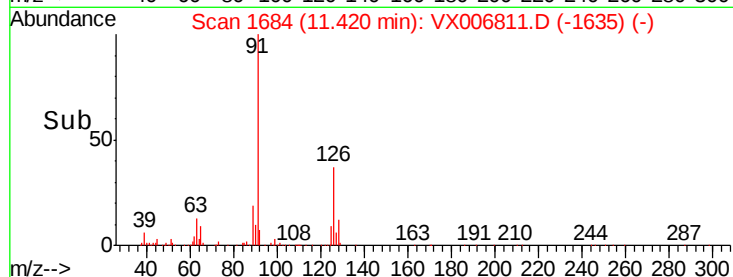
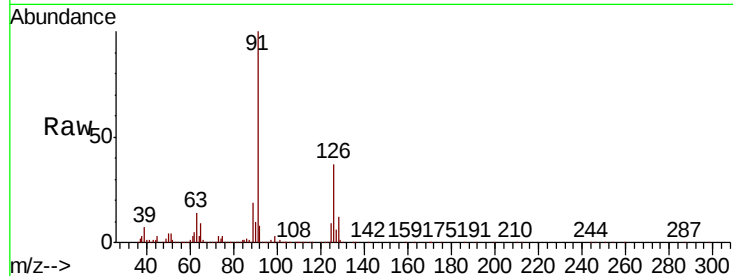
126 36.8 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 20.031 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006811.D

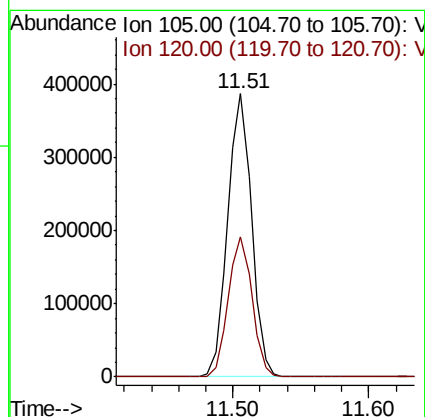
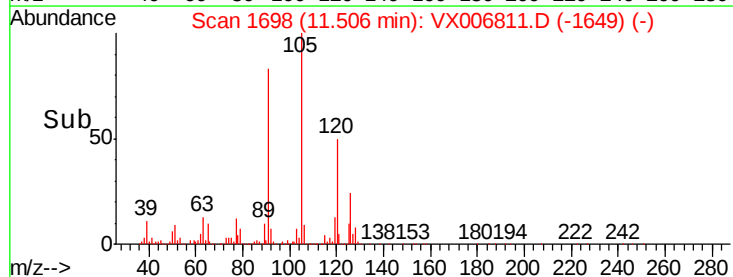
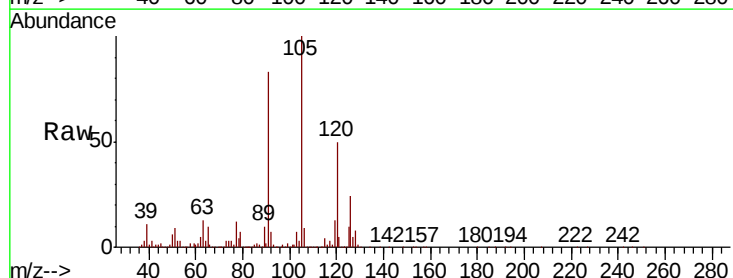
Acq: 26 Dec 2018 12:03

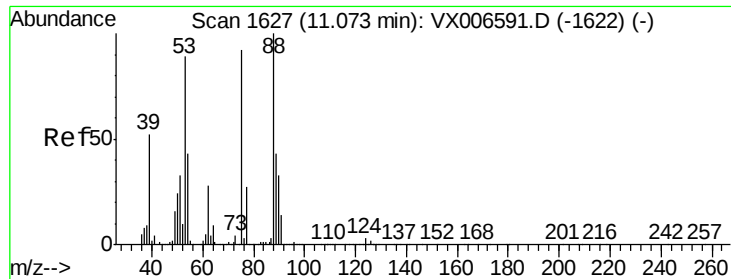
Tgt Ion: 105 Resp: 468940

Ion Ratio Lower Upper

105 100

120 49.6 25.1 75.3





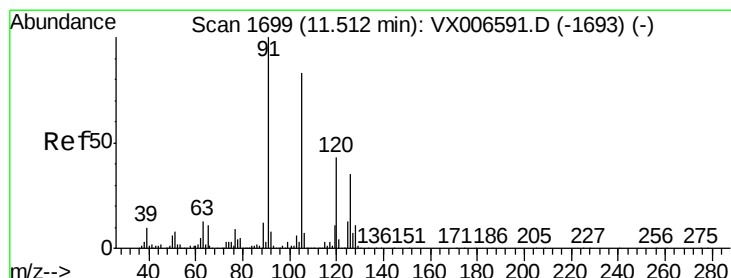
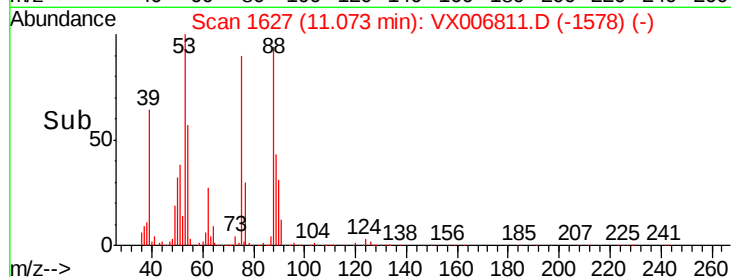
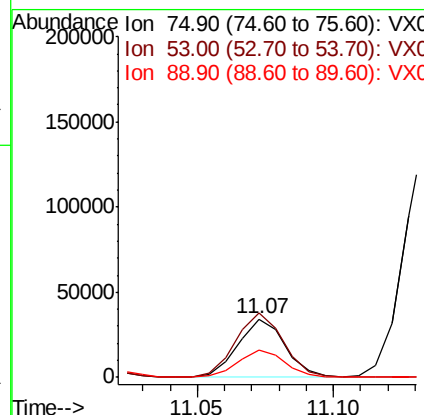
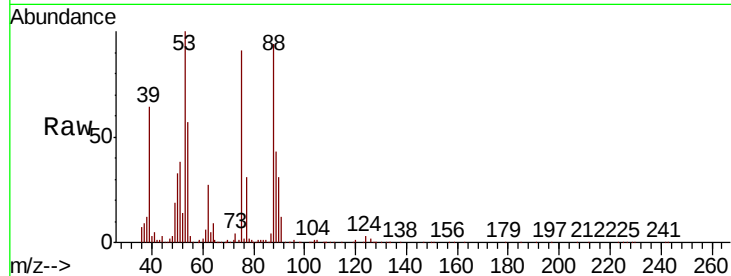
#81
trans-1,4-Dichloro-2-butene
Concen: 18.845 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.7	79.7	119.5
89	48.7	38.0	57.0

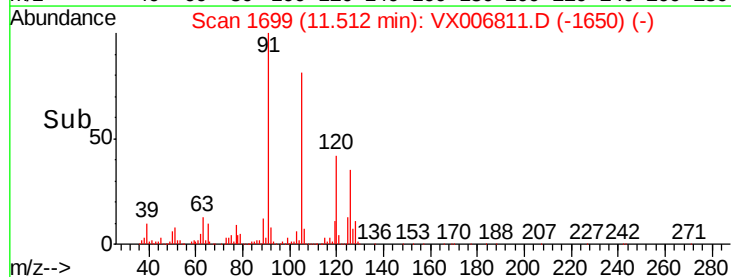
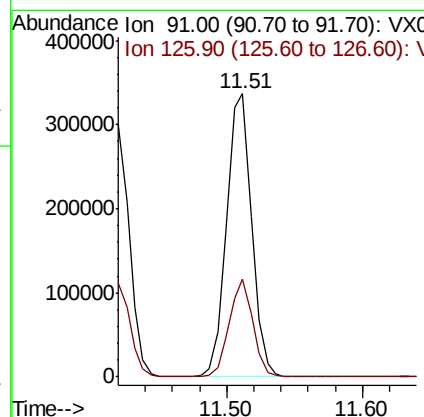
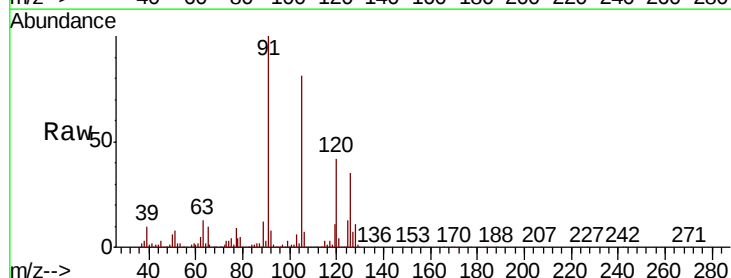
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#82
4-Chlorotoluene
Concen: 19.697 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.3	48.9





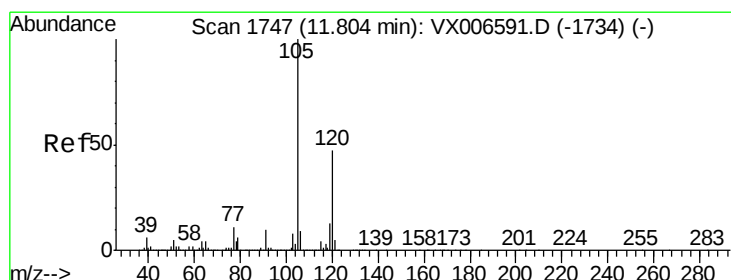
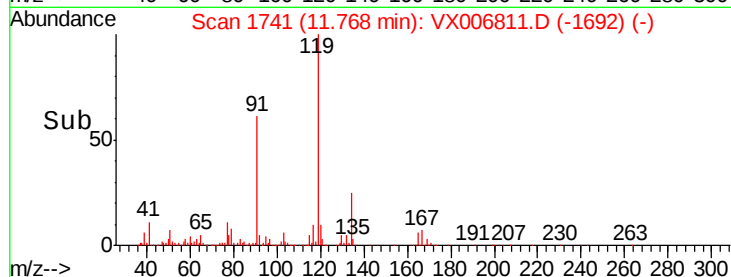
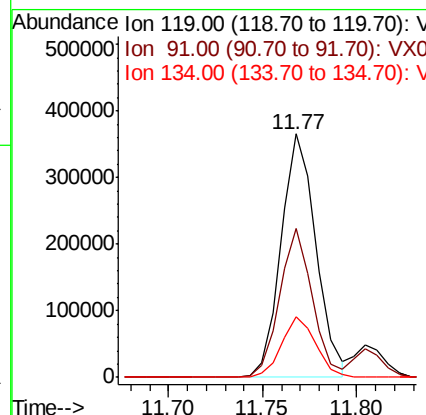
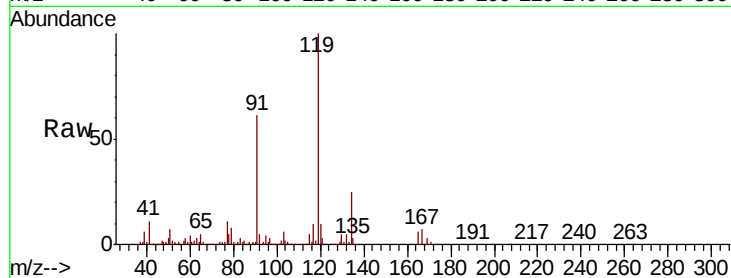
#83
 tert-Butylbenzene
 Concen: 20.012 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006811.D
 Acq: 26 Dec 2018 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.4	27.7	83.1
134	24.4	11.9	35.5

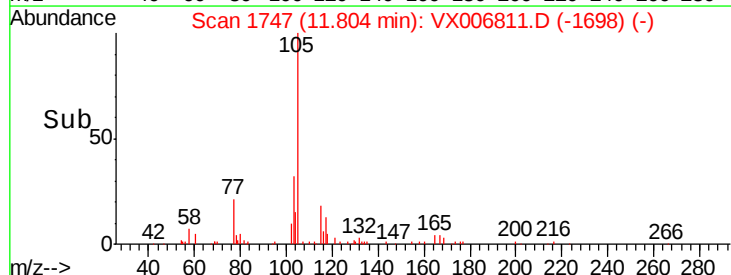
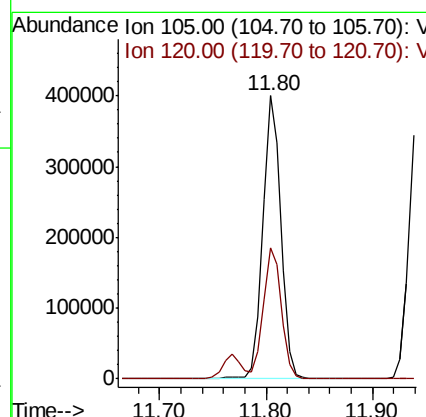
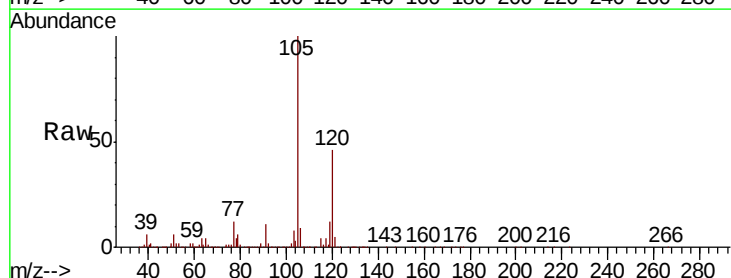
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.364 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006811.D
 Acq: 26 Dec 2018 12:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.2	69.6





#85

sec-Butylbenzene

Concen: 19.912 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBS01

Tot Ion:105 Resp: 572025

Ion Ratio Lower Upper

105 100

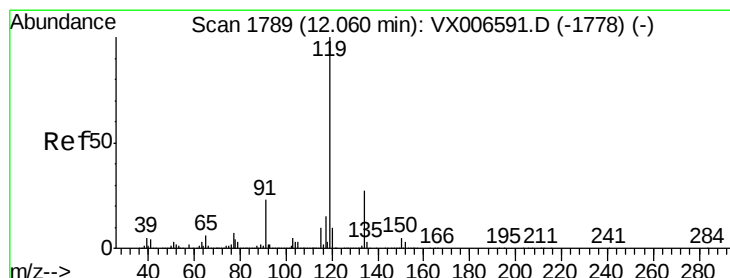
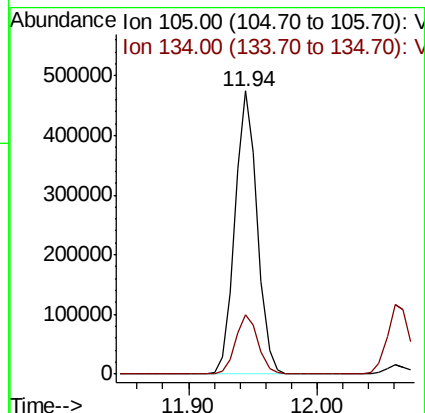
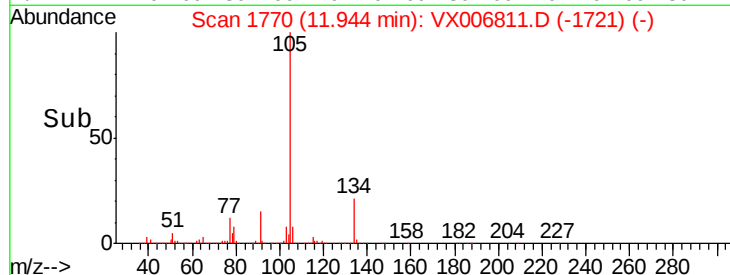
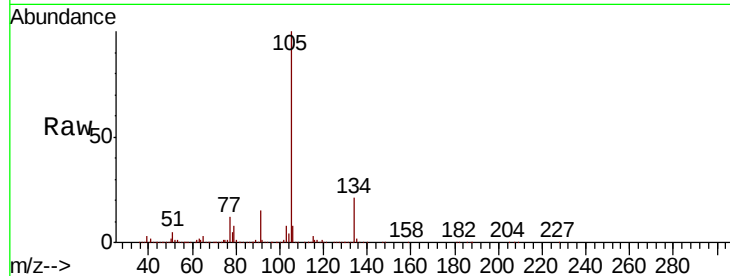
134 21.4 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 20.022 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

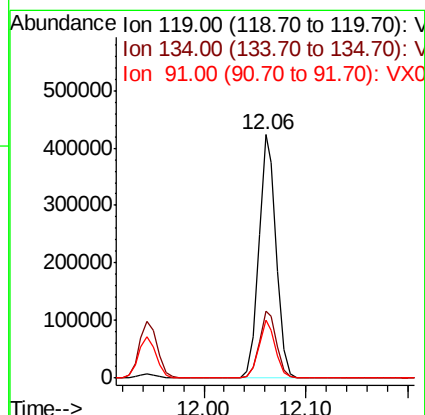
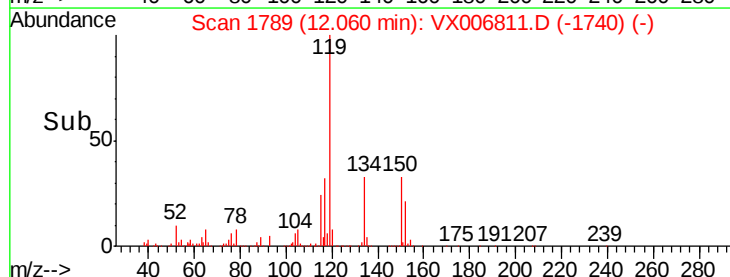
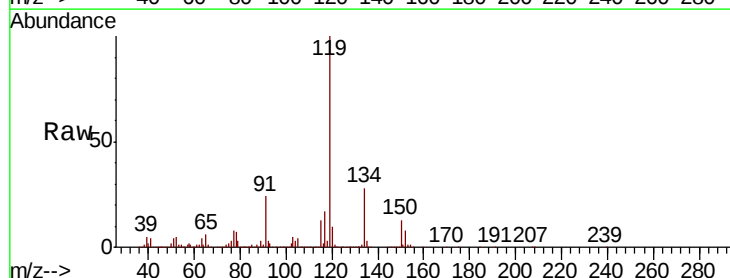
Tgt Ion:119 Resp: 505594

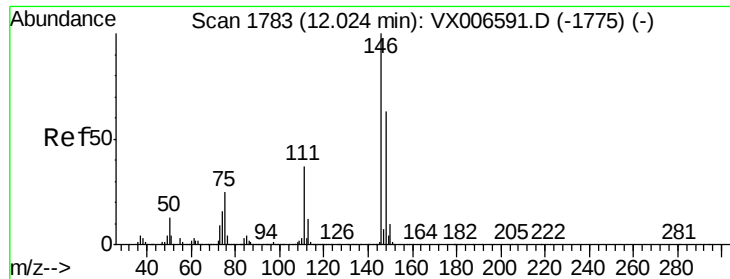
Ion Ratio Lower Upper

119 100

134 27.5 14.0 41.9

91 22.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 20.143 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Instrument :

MSVOA_X

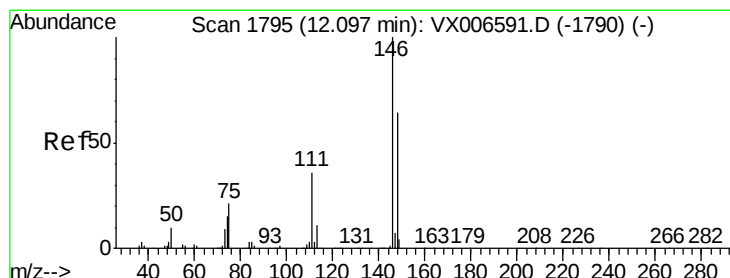
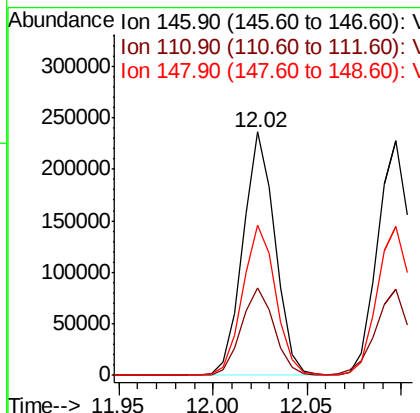
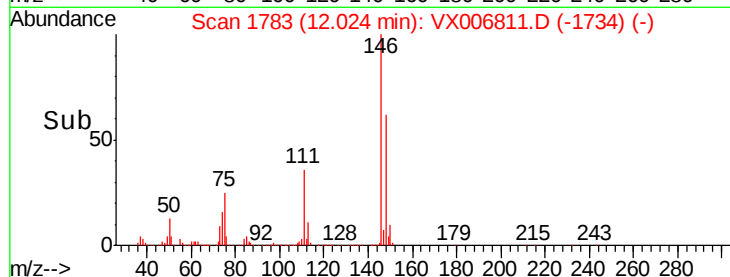
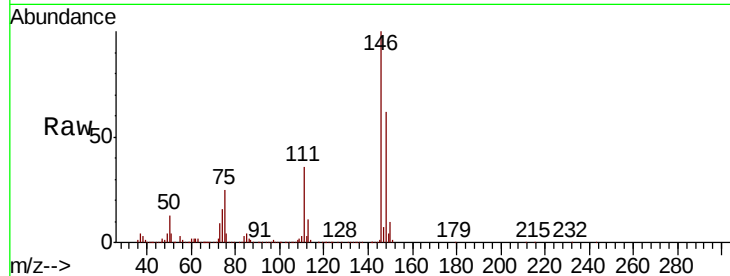
ClientSampleId :

VX1226MBS01

Tot Ion:	146	Resp:	278953
Ion Ratio		Lower	Upper
146	100		
111	36.5	18.6	55.8
148	63.2	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 19.568 ug/l

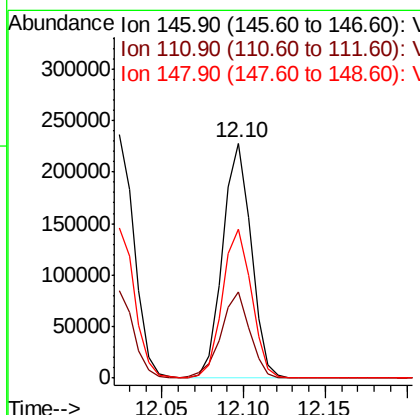
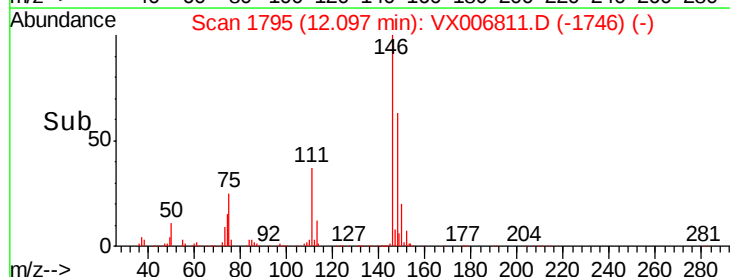
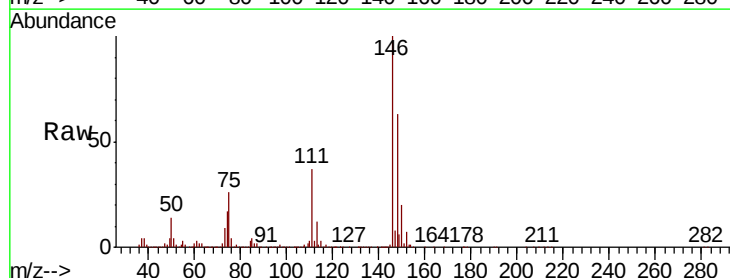
RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006811.D

Acq: 26 Dec 2018 12:03

Tgt Ion:	146	Resp:	277809
Ion Ratio		Lower	Upper
146	100		
111	37.1	18.1	54.1
148	64.6	31.9	95.9





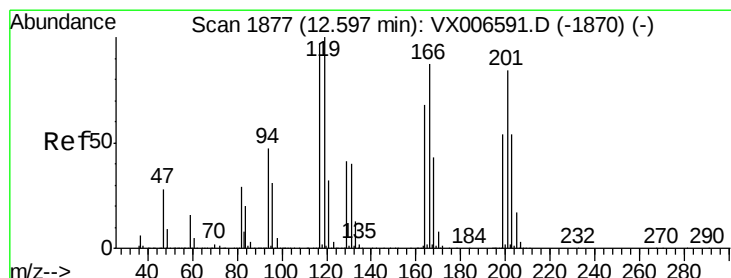
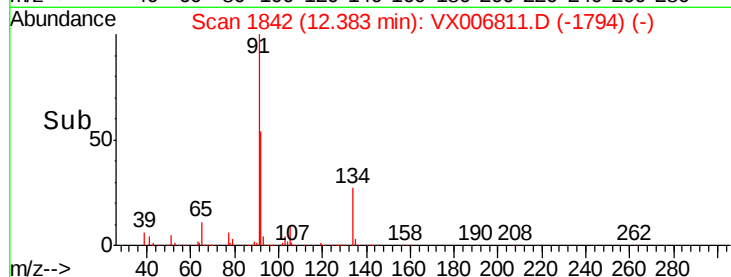
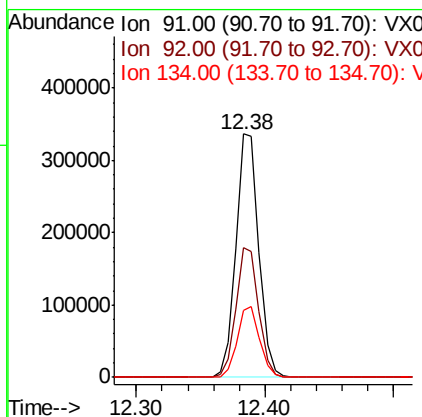
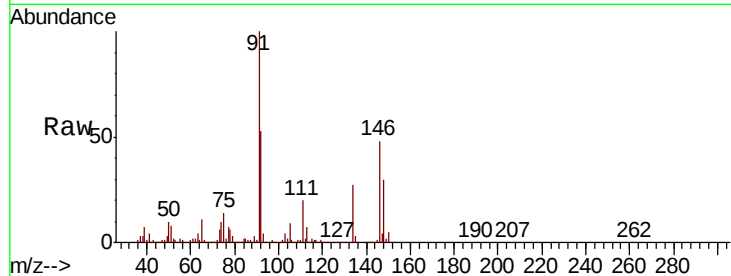
#89
n-Butylbenzene
Concen: 19.355 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.8	80.4
134	28.5	14.4	43.2

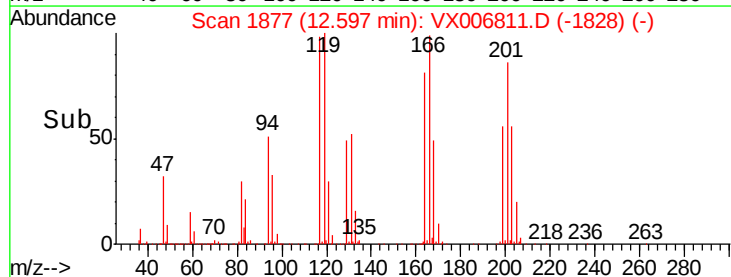
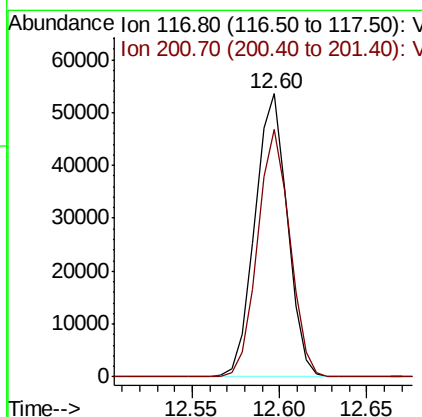
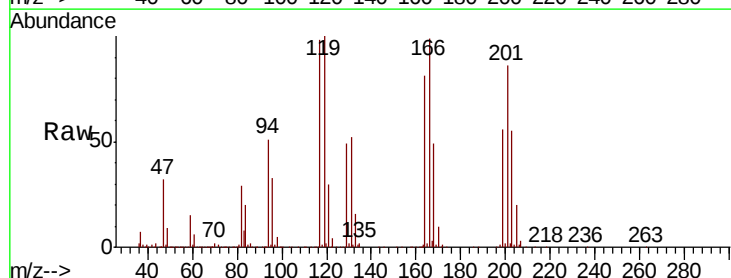
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#90
Hexachloroethane
Concen: 19.636 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.0	42.9	128.7





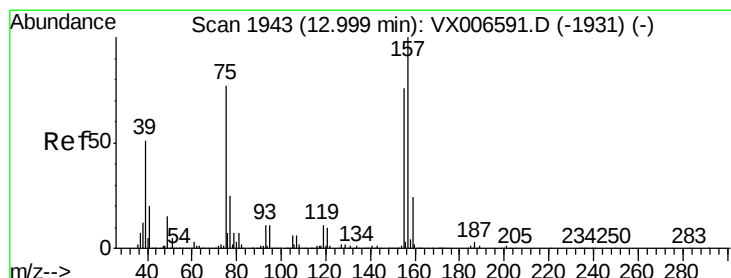
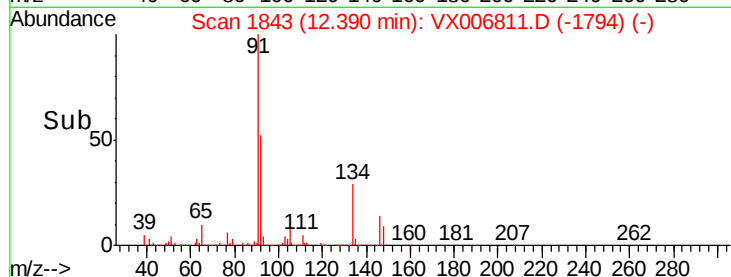
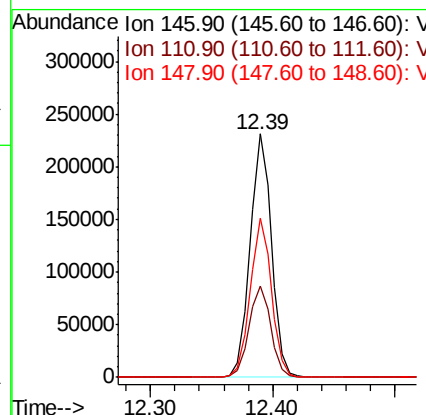
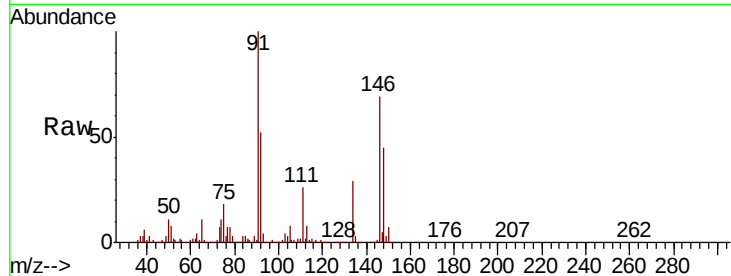
#91
 1,2-Dichlorobenzene
 Concen: 20.300 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006811.D
 Acq: 26 Dec 2018 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.4	58.2
148	64.8	32.3	96.9

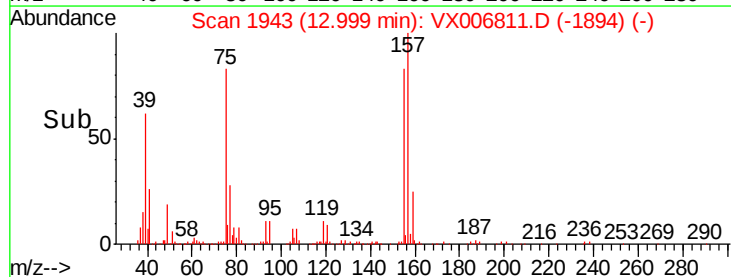
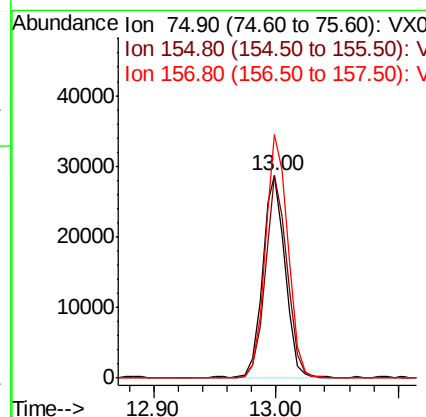
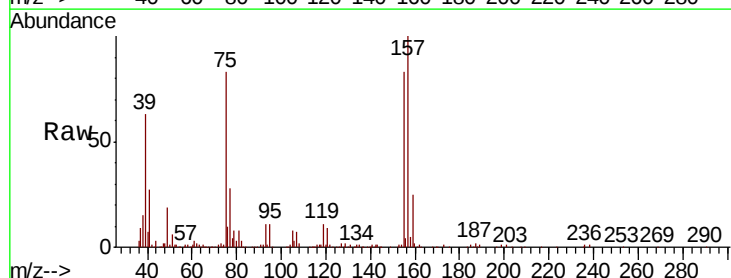
Manual Integrations
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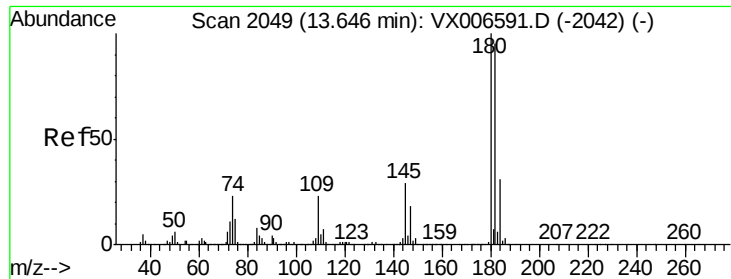
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.955 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006811.D
 Acq: 26 Dec 2018 12:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.5	50.6	151.8
157	120.5	64.6	193.8





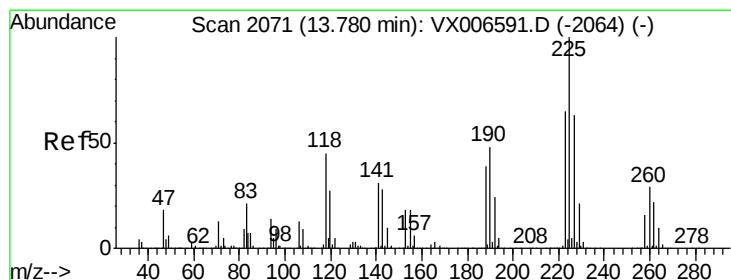
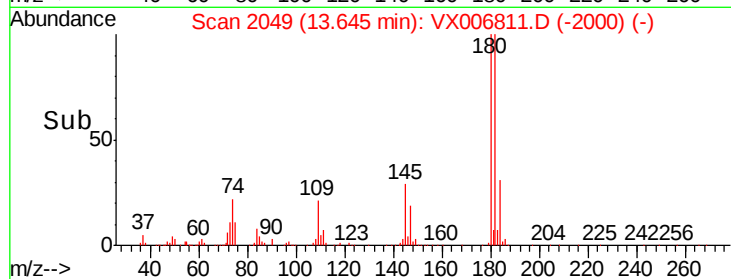
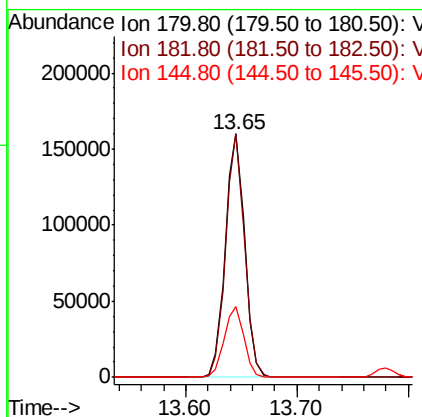
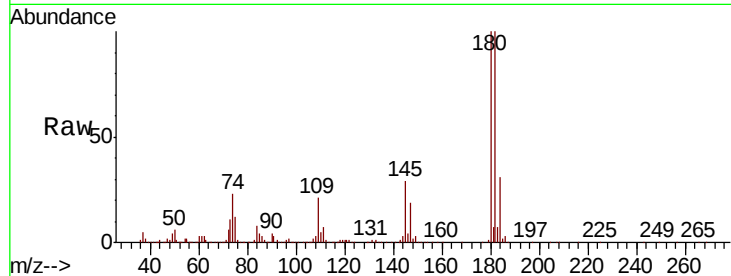
#93
 1,2,4-Trichlorobenzene
 Concen: 20.117 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006811.D
 Acq: 26 Dec 2018 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	192245		
182	97.2	47.3	142.0	
145	29.7	14.8	44.3	

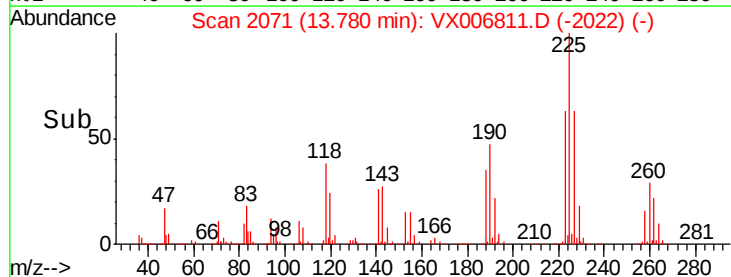
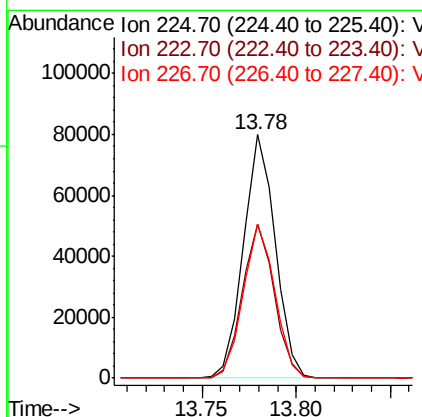
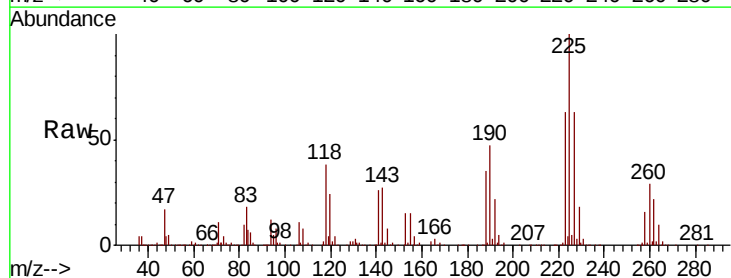
Manual Integrations
 APPROVED

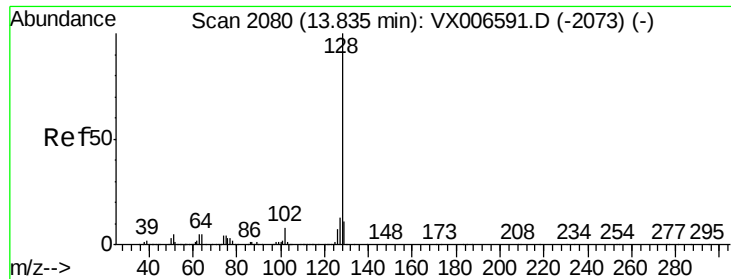
MMDadoda
 12/27/2018 9:39:00 AM



#94
 Hexachlorobutadiene
 Concen: 20.793 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006811.D
 Acq: 26 Dec 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	93657		
223	63.3	32.1	96.3	
227	63.0	32.3	96.8	





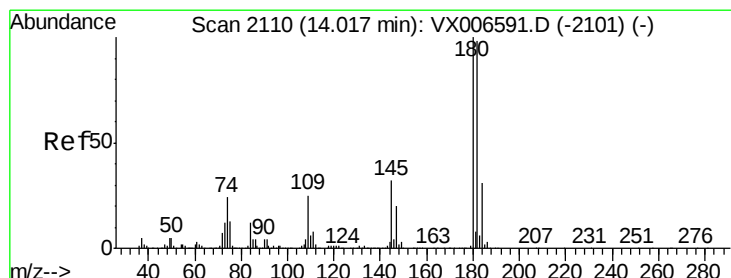
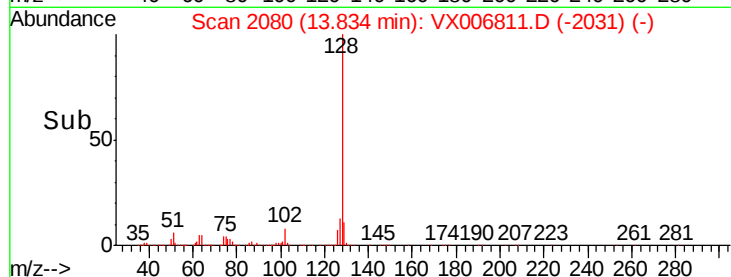
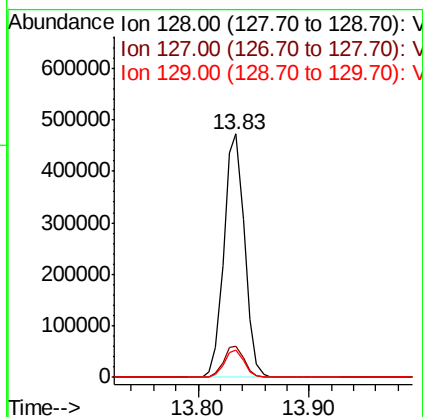
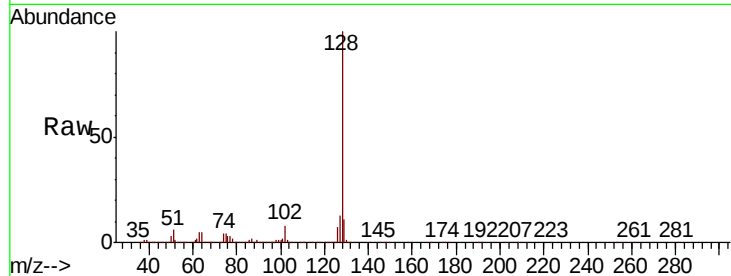
#95
Naphthalene
Concen: 19.770 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
12/27/2018 9:39:00 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.804 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006811.D
Acq: 26 Dec 2018 12:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.5	145.5
145	31.2	16.0	47.9

