

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
 Data File : VX004383.D
 Acq On : 06 Sep 2018 14:25
 Operator : JC/MD
 Sample : VX0906MBS01
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

Manual Integrations
 APPROVED

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 9/7/2018 1:42:55 PM

Quant Time: Sep 07 05:30:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	359101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	520786	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	490128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	289095	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	224177	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	5.50	113	195343	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	8.71	98	719802	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.14	95	273422	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	62015	14.91	ug/l	98
3) Chloromethane	1.32	50	70466	15.53	ug/l	98
4) Vinyl Chloride	1.40	62	82916	17.62	ug/l	99
5) Bromomethane	1.63	94	42865	17.15	ug/l	100
6) Chloroethane	1.71	64	60193	17.35	ug/l	96
7) Trichlorofluoromethane	1.92	101	118262	18.34	ug/l	95
8) Diethyl Ether	2.18	74	54314	19.67	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75825	18.78	ug/l	99
10) Methyl Iodide	2.51	142	72339	18.78	ug/l	99
11) Tert butyl alcohol	3.07	59	109302	109.55	ug/l	100
12) 1,1-Dichloroethene	2.37	96	69855	18.36	ug/l	97
13) Acrolein	2.29	56	18132	75.38	ug/l	93
14) Allyl chloride	2.72	41	135041	19.32	ug/l	98
15) Acrylonitrile	3.15	53	251254	101.69	ug/l	100
16) Acetone	2.45	43	212963	106.84	ug/l	99
17) Carbon Disulfide	2.56	76	167153	16.37	ug/l	100
18) Methyl Acetate	2.78	43	179302	25.82	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	253443	20.22	ug/l	98
20) Methylene Chloride	2.85	84	84423	18.74	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	75661	17.97	ug/l	97
22) Diisopropyl ether	3.87	45	256648	19.67	ug/l	100
23) Vinyl Acetate	3.82	43	965529	91.29	ug/l	99
24) 1,1-Dichloroethane	3.69	63	148862	19.57	ug/l	100
25) 2-Butanone	4.71	43	330310	103.66	ug/l	100
26) 2,2-Dichloropropane	4.58	77	112852	18.92	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	89929	18.83	ug/l	100
28) Bromochloromethane	5.01	49	70287	20.87	ug/l	99
29) Tetrahydrofuran	5.16	42	205235	102.06	ug/l	100
30) Chloroform	5.21	83	146256	19.18	ug/l	99
31) Cyclohexane	5.57	56	119497	18.21	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	121900	19.17	ug/l	99
36) 1,1-Dichloropropene	5.80	75	105207	17.97	ug/l	98
37) Ethyl Acetate	4.86	43	112198	19.49	ug/l	99
38) Carbon Tetrachloride	5.78	117	103115	18.72	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	121845	18.23	ug/l	98
40) Benzene	6.14	78	332685	19.02	ug/l	98
41) Methacrylonitrile	5.06	41	66928	20.05	ug/l	98
42) 1,2-Dichloroethane	6.20	62	114054	19.11	ug/l	99
43) Isopropyl Acetate	6.46	43	175215	19.80	ug/l	99
44) Trichloroethene	7.21	130	90732	18.74	ug/l	100
45) 1,2-Dichloropropane	7.52	63	84514	19.30	ug/l	98
46) Dibromomethane	7.66	93	54563	18.72	ug/l	97
47) Bromodichloromethane	7.90	83	105182	19.39	ug/l	98
48) Methyl methacrylate	7.78	41	93526	19.75	ug/l	98
49) 1,4-Dioxane	7.76	88	45869	426.73	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	622404	96.82	ug/l	100
52) Toluene	8.79	92	211328	19.30	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	115648	19.30	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	128189	19.64	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	88720	20.07	ug/l	98
56) Ethyl methacrylate	9.18	69	120259	19.98	ug/l	98
57) 1,3-Dichloropropane	9.37	76	147157	19.75	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	314541	102.01	ug/l	100
59) 2-Hexanone	9.50	43	474149	96.68	ug/l	100
60) Dibromochloromethane	9.59	129	83468	19.38	ug/l	99
61) 1,2-Dibromoethane	9.67	107	88522	19.35	ug/l	100
64) Tetrachloroethene	9.34	164	95894	19.81	ug/l	98
65) Chlorobenzene	10.14	112	233988	19.02	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.23	131	80506	18.98	ug/l	100
67) Ethyl Benzene	10.26	91	378142	18.93	ug/l	98
68) m/p-Xylenes	10.36	106	303978	38.91	ug/l	99
69) o-Xylene	10.70	106	144692	19.58	ug/l	99
70) Styrene	10.71	104	240307	20.09	ug/l	99
71) Bromoform	10.86	173	64427	18.84	ug/l	99
73) Isopropylbenzene	11.02	105	399032	21.02	ug/l	99
74) N-amyl acetate	10.90	43	146148	19.99	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	132647	19.96	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	123214m	20.96	ug/l	
77) Bromobenzene	11.26	156	108513	20.37	ug/l	100
78) n-propylbenzene	11.36	91	456008	20.88	ug/l	100
79) 2-Chlorotoluene	11.42	91	271876	20.23	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	324772	20.65	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	35364	19.51	ug/l	97
82) 4-Chlorotoluene	11.51	91	316633	20.02	ug/l	98
83) tert-Butylbenzene	11.77	119	330096	20.87	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	343859	21.30	ug/l	100
85) sec-Butylbenzene	11.94	105	407579	21.70	ug/l	100
86) p-Isopropyltoluene	12.07	119	354214	21.04	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	200091	19.95	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	198375	18.76	ug/l	99
89) n-Butylbenzene	12.39	91	272719	19.92	ug/l	98
90) Hexachloroethane	12.60	117	46178	19.63	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	182415	19.90	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23815	20.35	ug/l	97

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

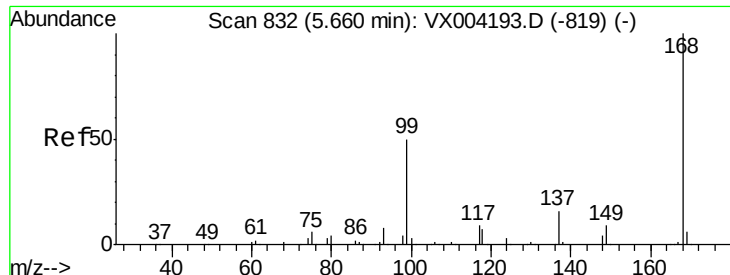
Manual Integrations
APPROVED

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9/7/2018 1:42:55 PM

Quant Time: Sep 07 05:30:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	138655	20.79	ug/l	99
94) Hexachlorobutadiene	13.79	225	72665	23.35	ug/l	97
95) Naphthalene	13.83	128	421132	22.33	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	149809	21.22	ug/l	99

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



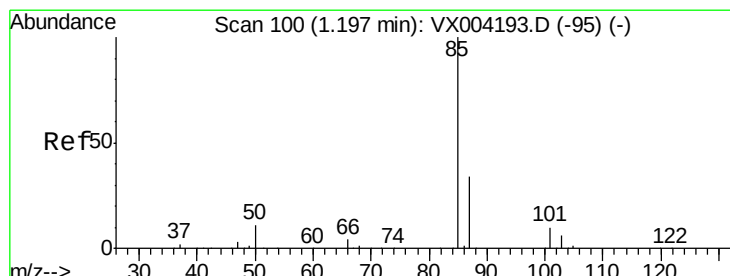
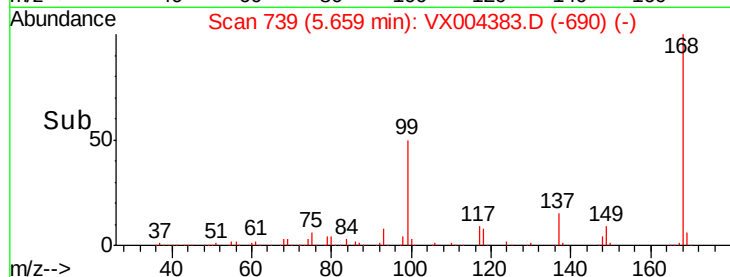
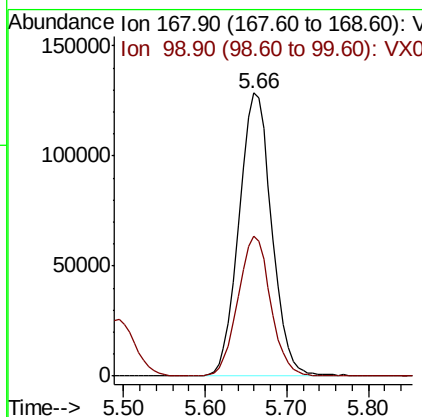
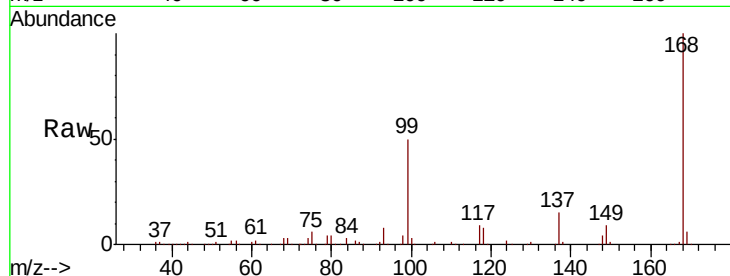
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.5	39.9	59.9

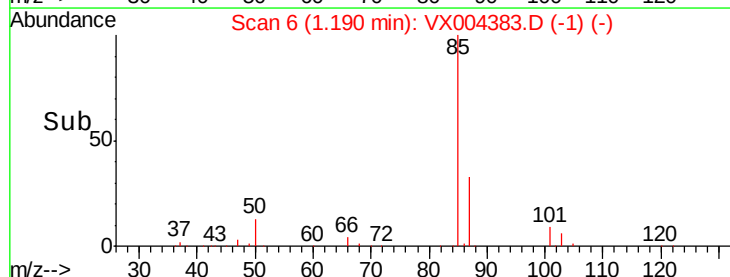
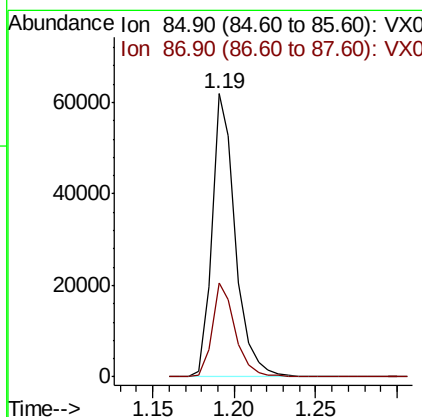
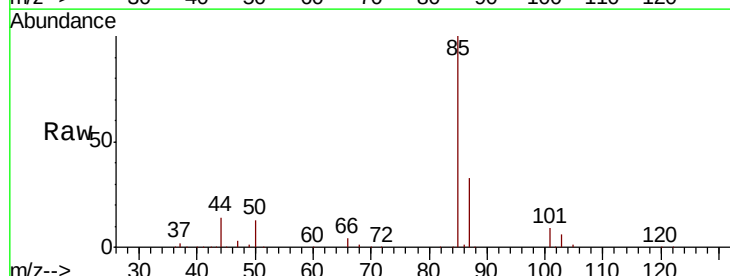
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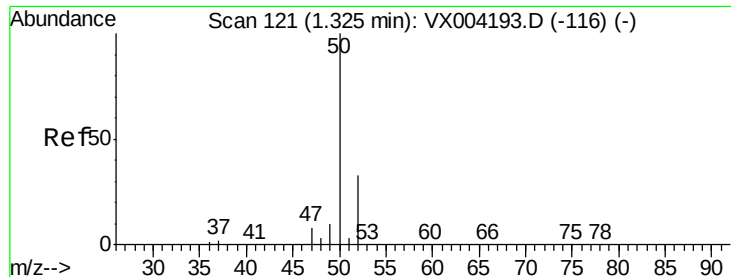
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#2
Dichlorodifluoromethane
Concen: 14.91 ug/l
RT: 1.19 min Scan# 6
Delta R.T. -0.01 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	17.0	50.9





#3

Chloromethane

Concen: 15.53 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.01 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

Tot Ion: 50 Resp: 70466

Ion Ratio Lower Upper

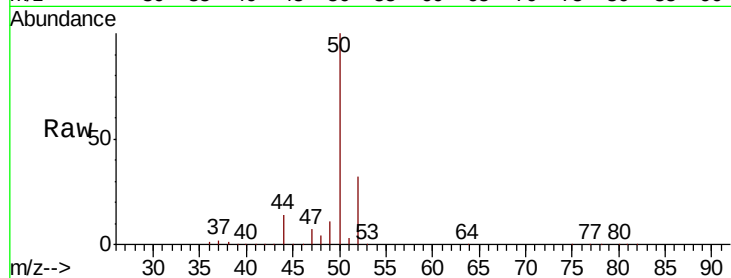
50 100

52 31.8 26.2 39.2

Manual Integrations
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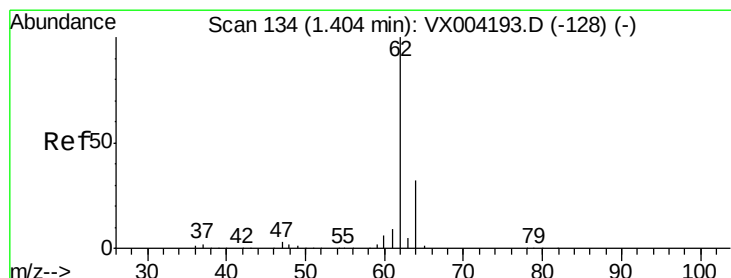
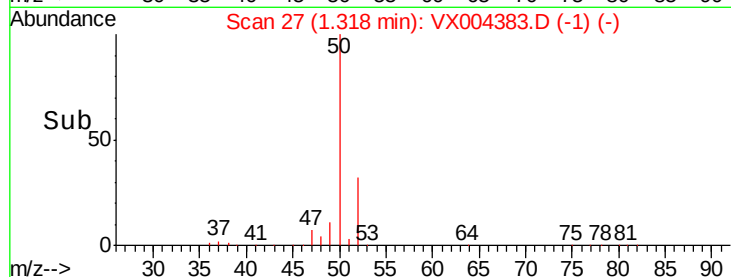
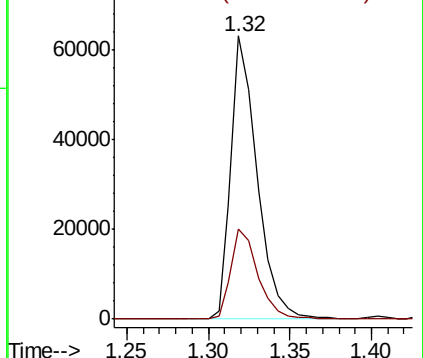
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.62 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004383.D

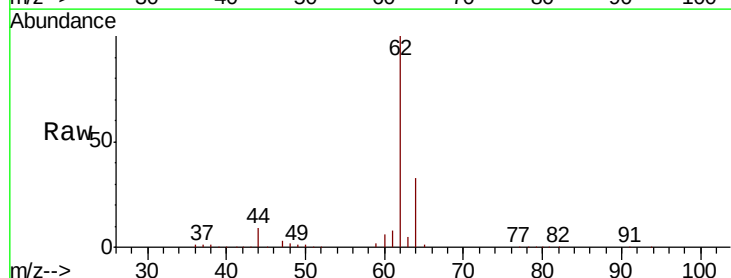
Acq: 06 Sep 2018 14:25

Tgt Ion: 62 Resp: 82916

Ion Ratio Lower Upper

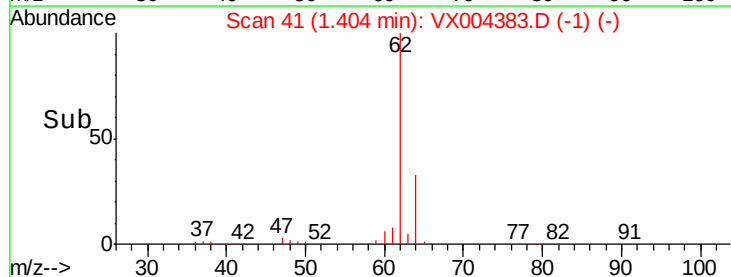
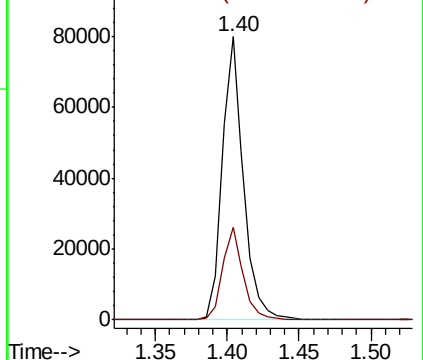
62 100

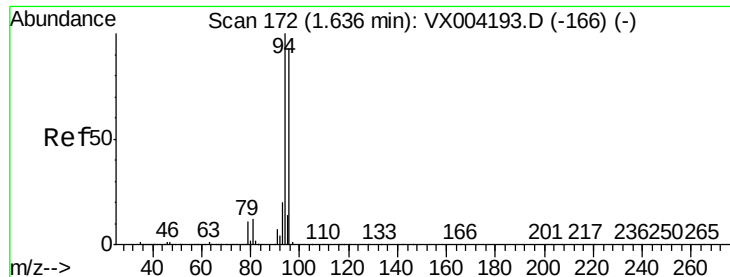
64 32.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.15 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.01 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

Tot Ion: 94 Resp: 42865

Ion Ratio Lower Upper

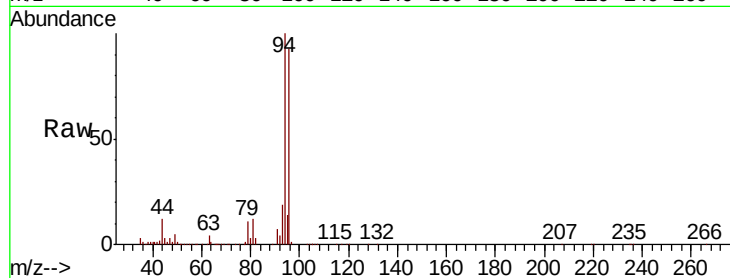
94 100

96 93.1 74.5 111.7

Manual Integrations
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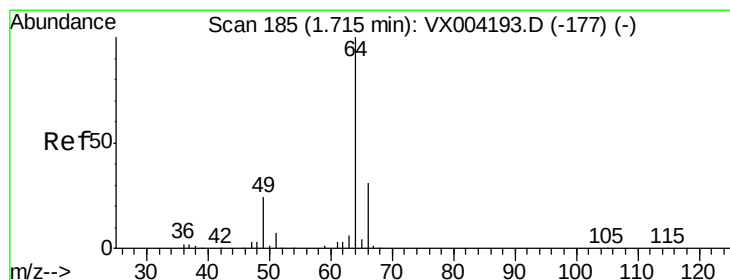
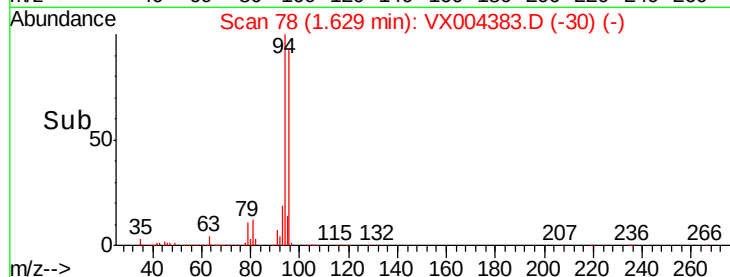
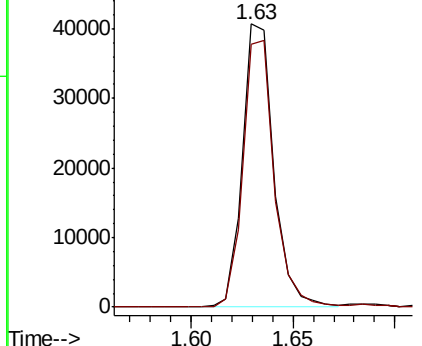
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.35 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX004383.D

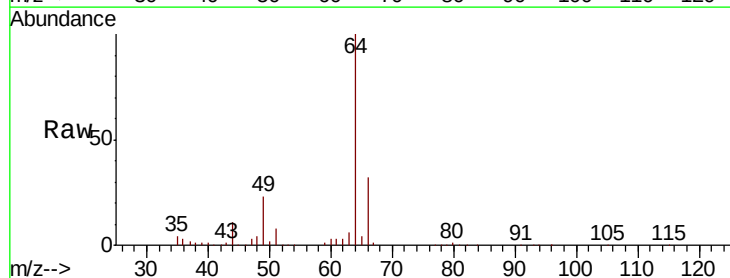
Acq: 06 Sep 2018 14:25

Tgt Ion: 64 Resp: 60193

Ion Ratio Lower Upper

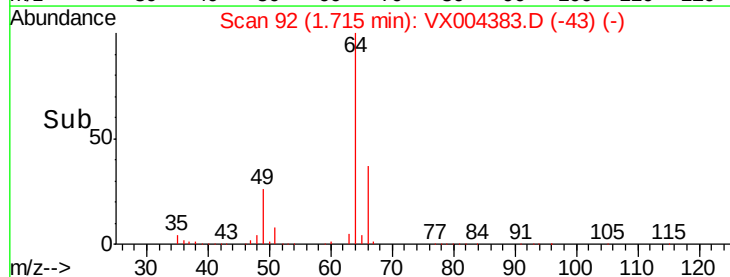
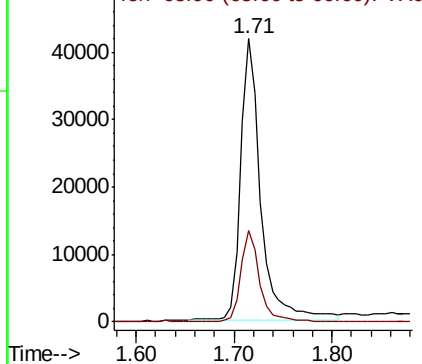
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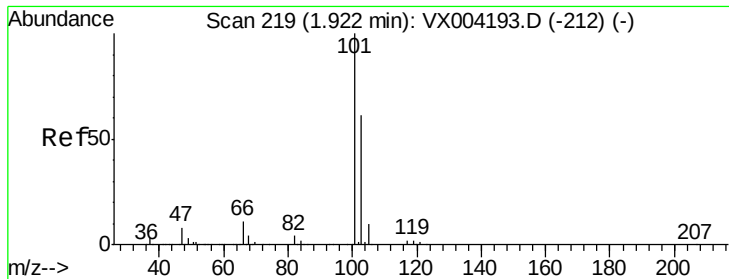
66 32.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

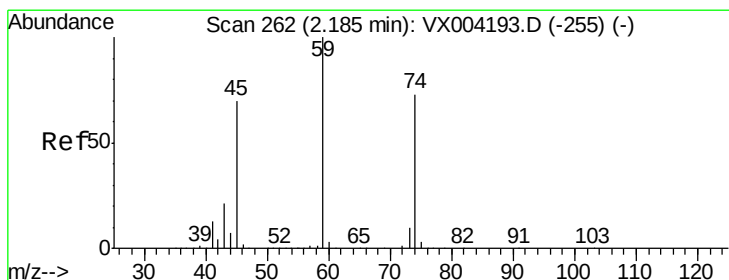
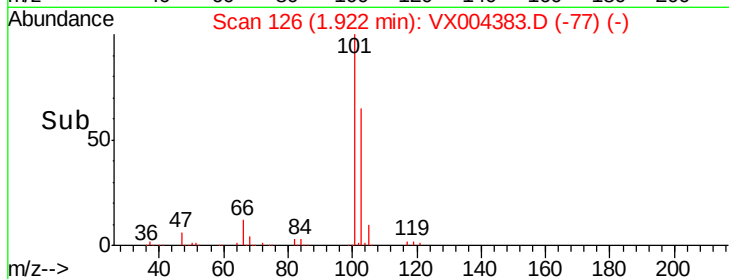
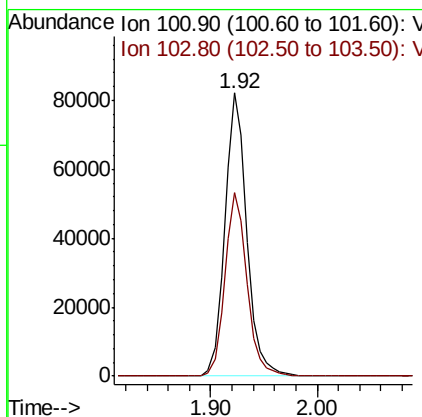
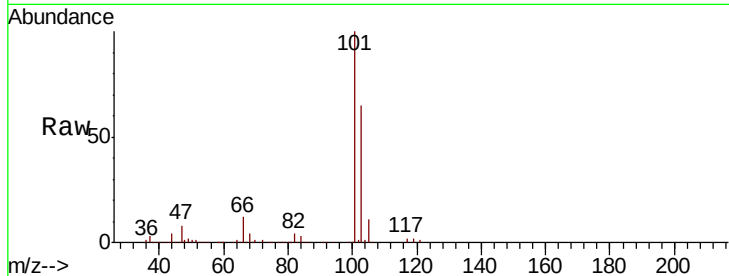
Trichlorofluoromethane
 Concen: 18.34 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	118262		
103	64.7	48.9	73.3	

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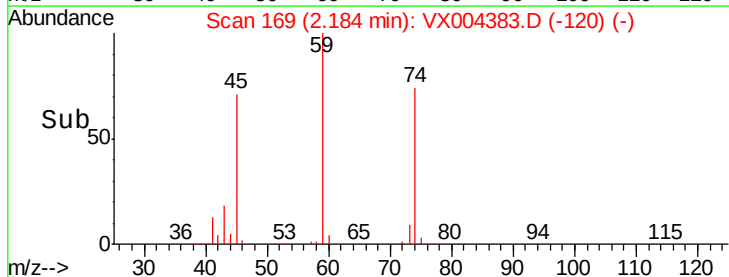
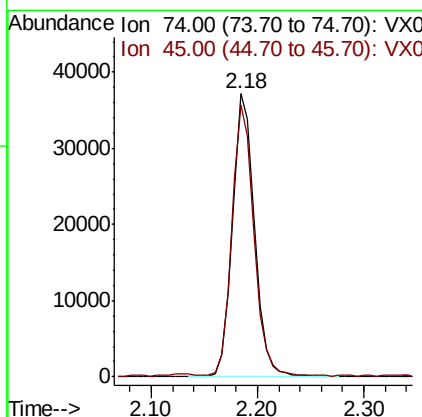
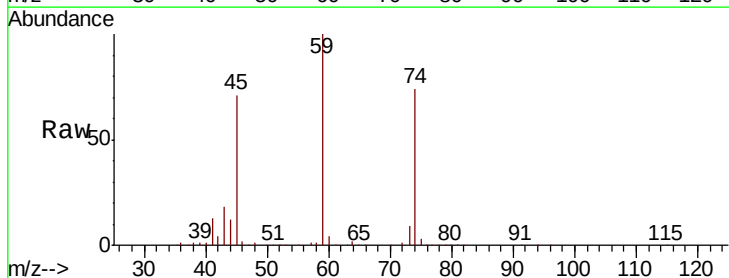
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 9/7/2018 1:42:55 PM

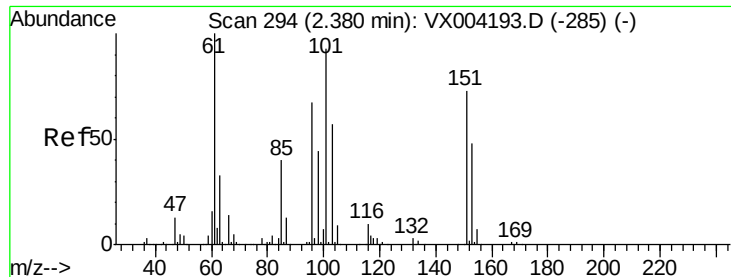


#8

Diethyl Ether
 Concen: 19.67 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	54314		
45	95.1	48.3	144.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.78 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

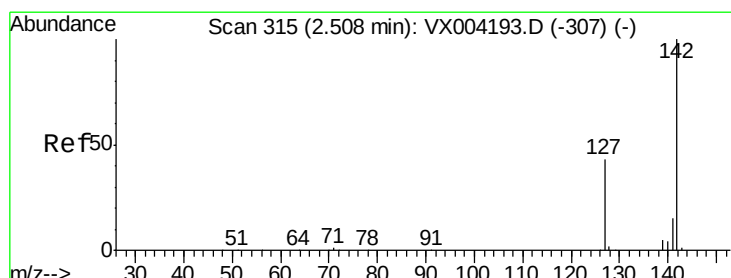
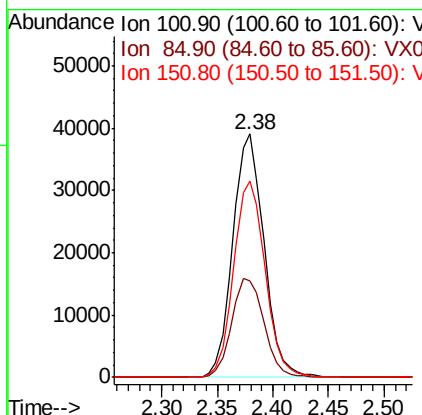
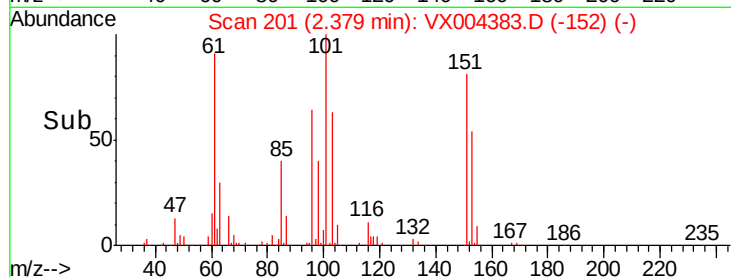
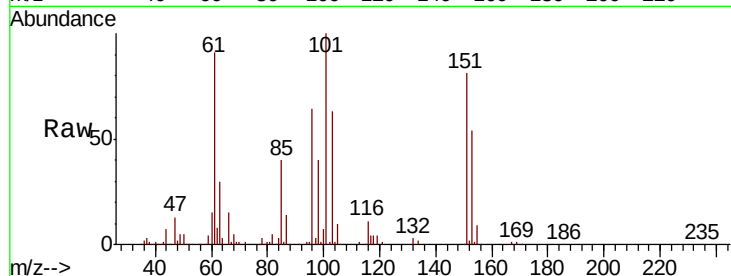
ClientSampled :

VX0906MBS01

Tot Ion:	101	Resp:	75825
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.2	51.4
151	81.7	65.0	97.6

Manual Integrations
APPROVED

MMDadoda
9/7/2018 1:42:55 PM



#10

Methyl Iodide

Concen: 18.78 ug/l

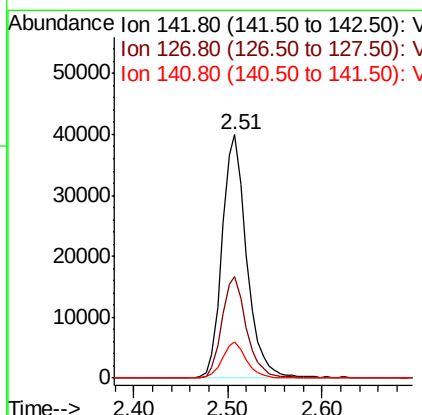
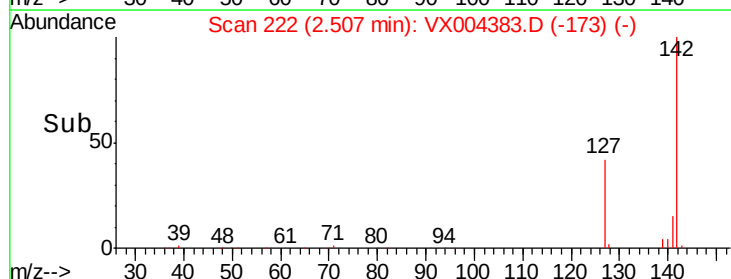
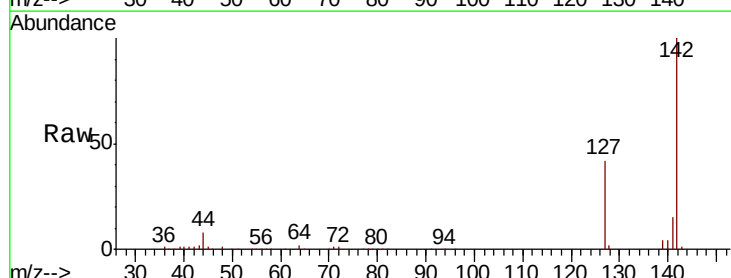
RT: 2.51 min Scan# 222

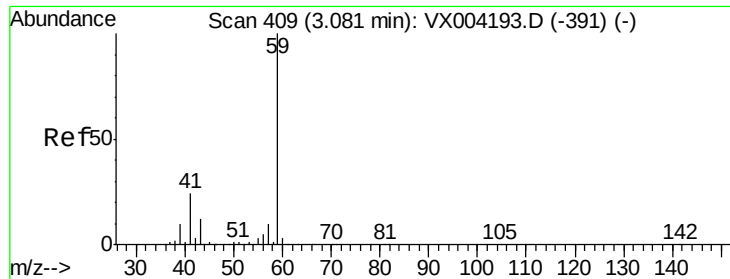
Delta R.T. 0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Tgt Ion:	142	Resp:	72339
Ion Ratio	Lower	Upper	
142	100		
127	41.7	33.8	50.6
141	14.5	11.4	17.0





#11

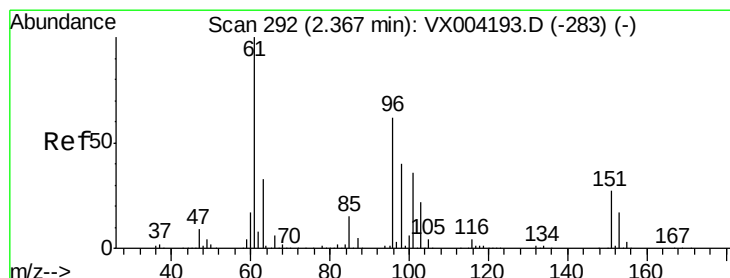
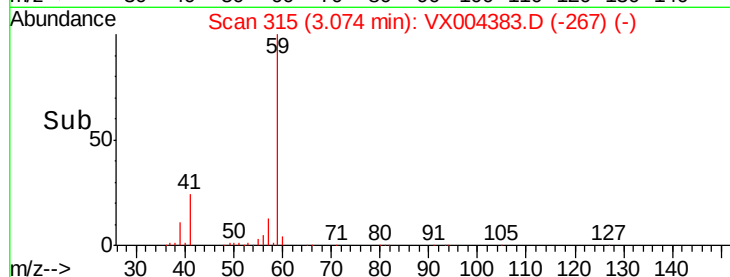
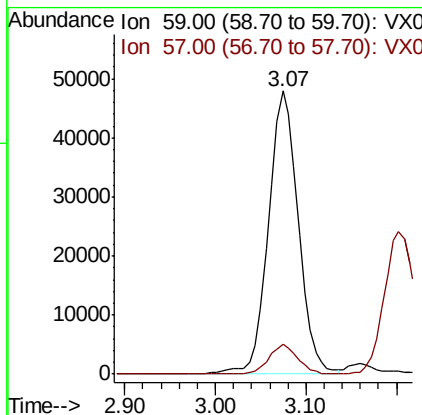
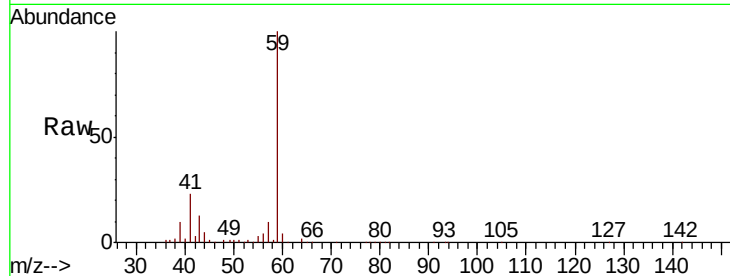
Tert butyl alcohol
Concen: 109.55 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Instrument :
MSVOA_X
ClientSampled :
VX0906MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

Manual Integrations
APPROVED

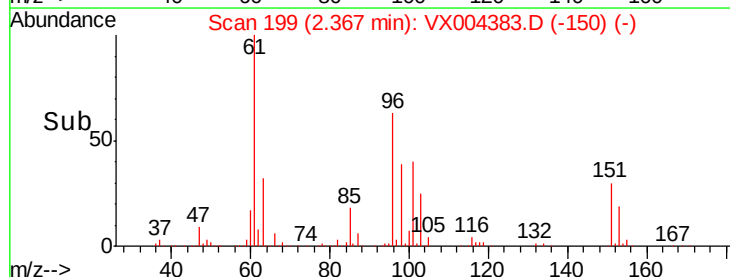
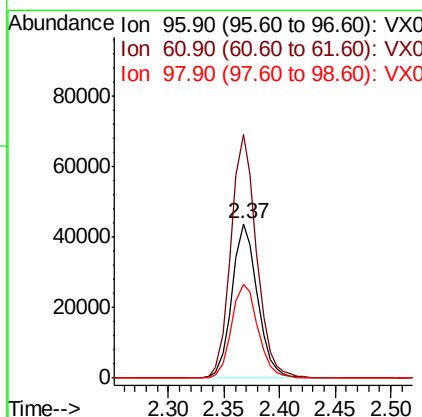
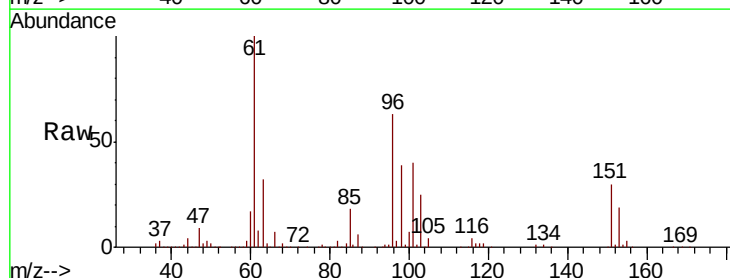
MMDadoda
9/7/2018 1:42:55 PM

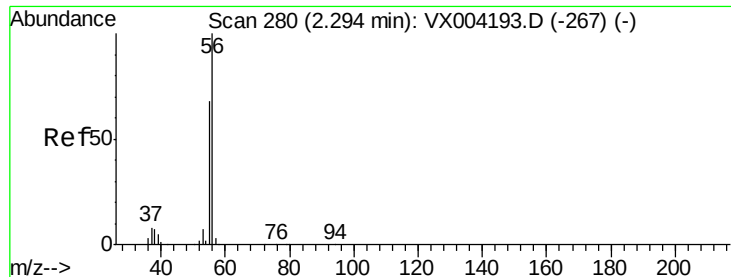


#12

1,1-Dichloroethene
Concen: 18.36 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.1	128.8	193.2
98	61.1	52.2	78.2





#13

Acrolein

Concen: 75.38 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

Tot Ion: 56 Resp: 18132

Ion Ratio Lower Upper

56 100

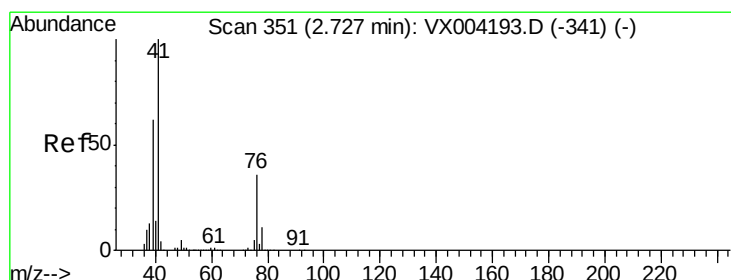
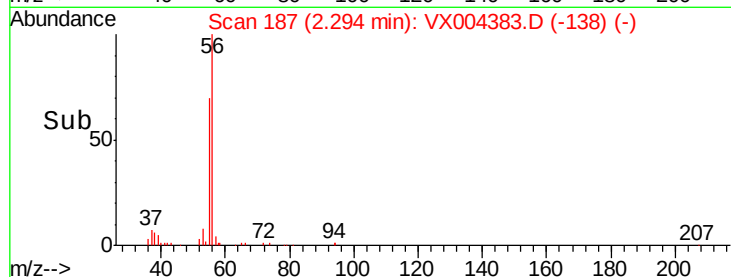
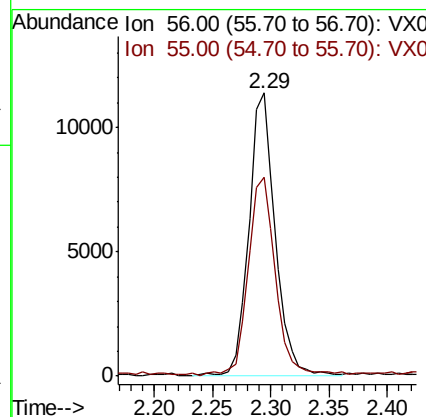
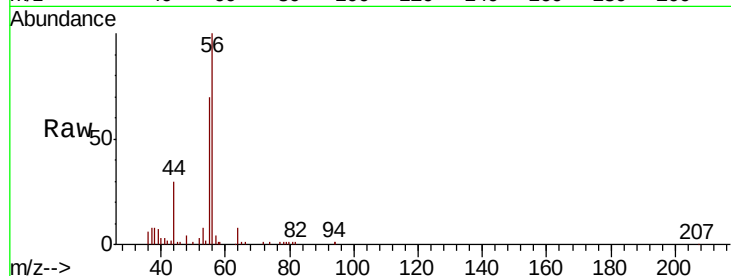
55 73.9 54.7 82.1

Manual Integrations

APPROVED

MMDadoda

9/7/2018 1:42:55 PM



#14

Allyl chloride

Concen: 19.32 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

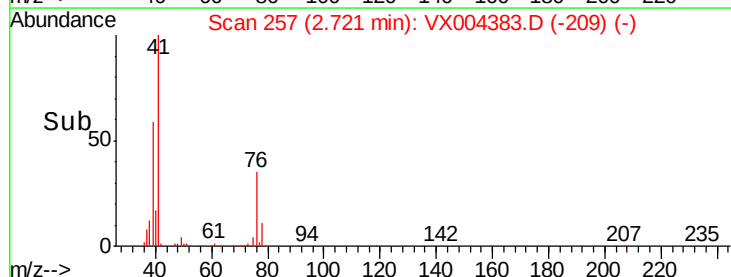
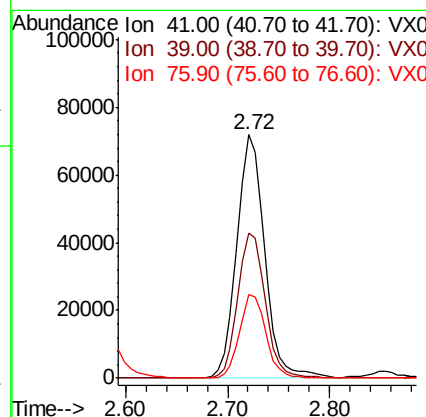
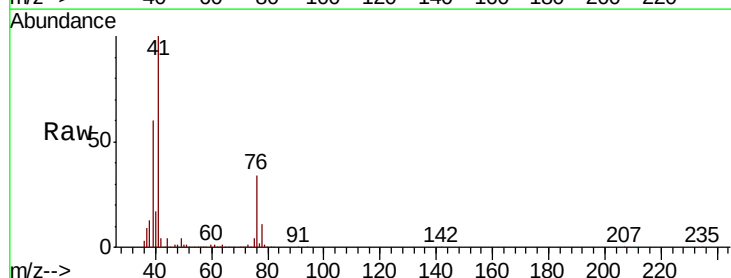
Tgt Ion: 41 Resp: 135041

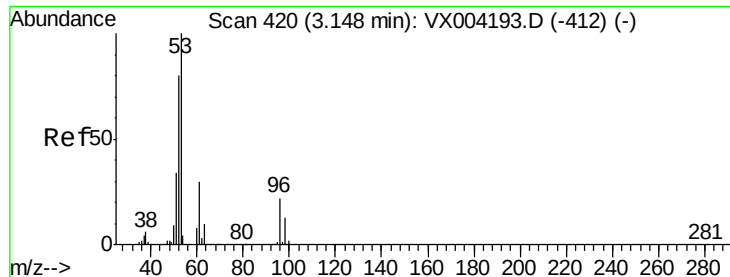
Ion Ratio Lower Upper

41 100

39 58.7 48.9 73.3

76 32.7 26.7 40.1





#15

Acrylonitrile

Concen: 101.69 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

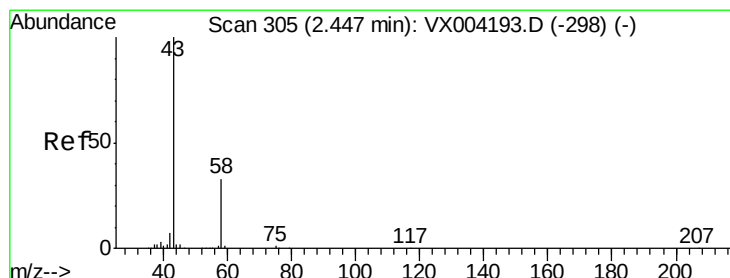
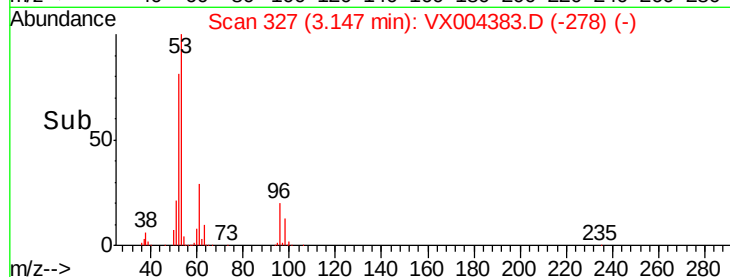
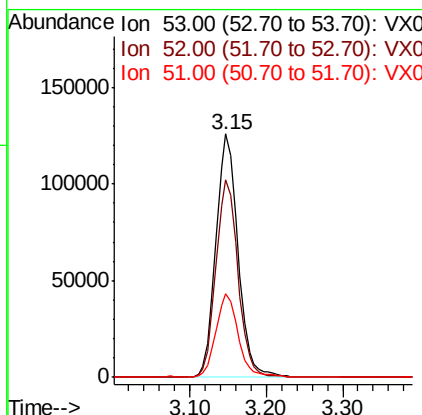
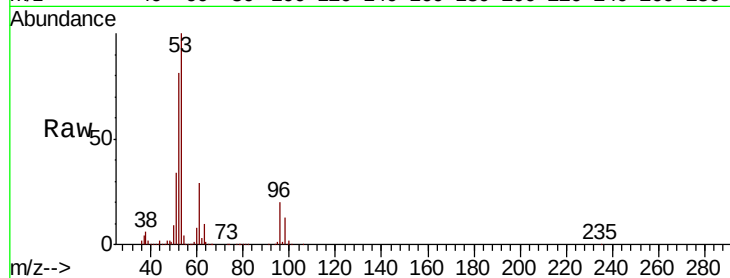
ClientSampleId :

VX0906MBS01

Tot Ion:	53	Resp:	251254
Ion Ratio	Lower	Upper	
53	100		
52	81.4	65.2	97.8
51	34.9	28.2	42.2

Manual Integrations
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9/7/2018 1:42:55 PM



#16

Acetone

Concen: 106.84 ug/l

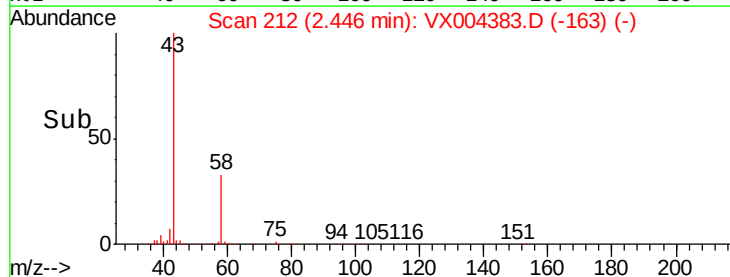
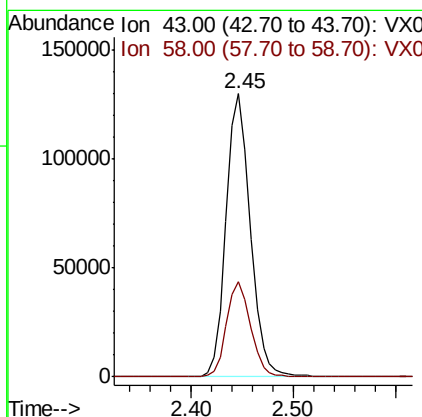
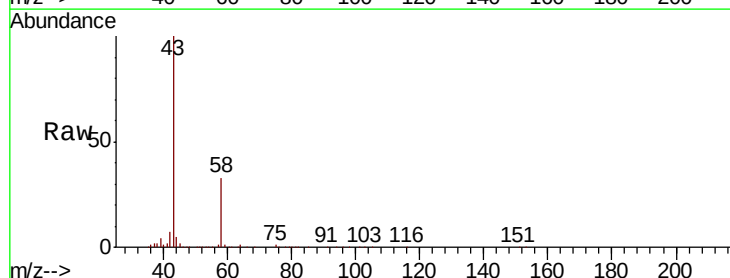
RT: 2.45 min Scan# 212

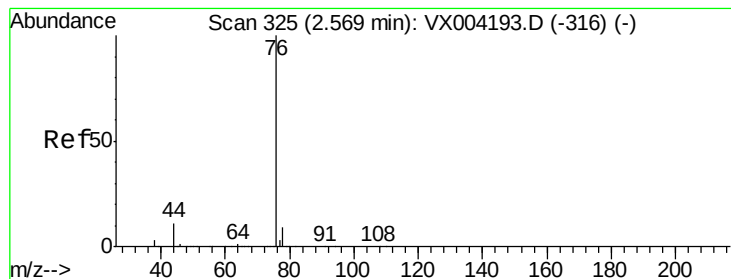
Delta R.T. 0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Tgt Ion:	43	Resp:	212963
Ion Ratio	Lower	Upper	
43	100		
58	33.4	26.2	39.4





#17

Carbon Disulfide

Concen: 16.37 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

Tot Ion: 76 Resp: 167153

Ion Ratio Lower Upper

76 100

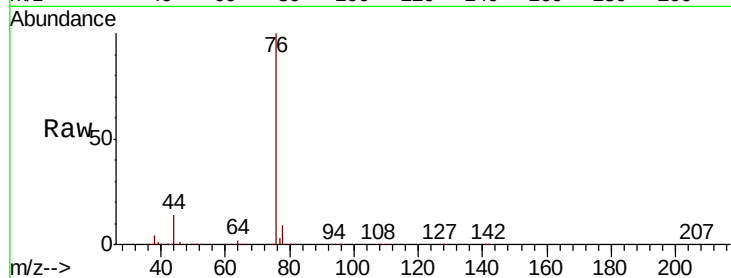
78 8.9 7.0 10.6

Manual Integrations

APPROVED

MMDadoda

9/7/2018 1:42:55 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

100000

80000

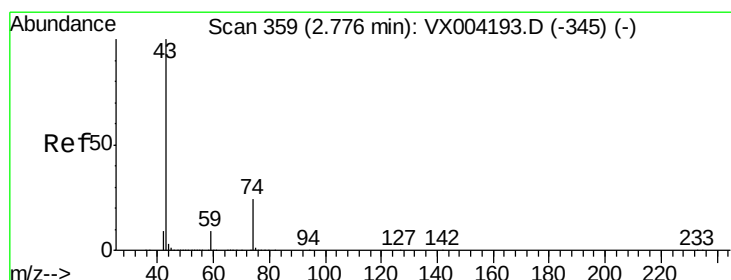
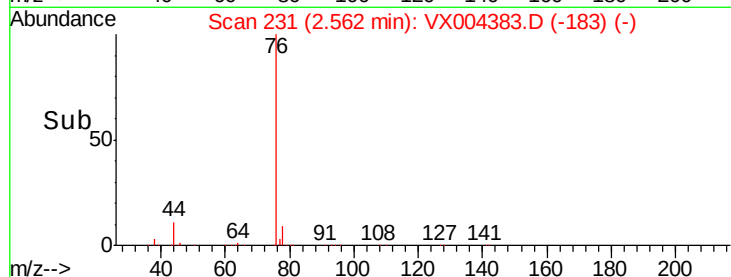
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 25.82 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX004383.D

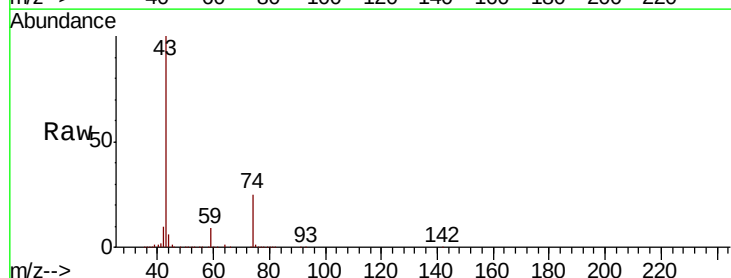
Acq: 06 Sep 2018 14:25

Tgt Ion: 43 Resp: 179302

Ion Ratio Lower Upper

43 100

74 24.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

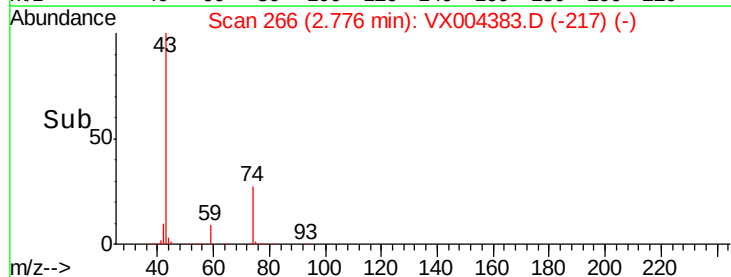
60000

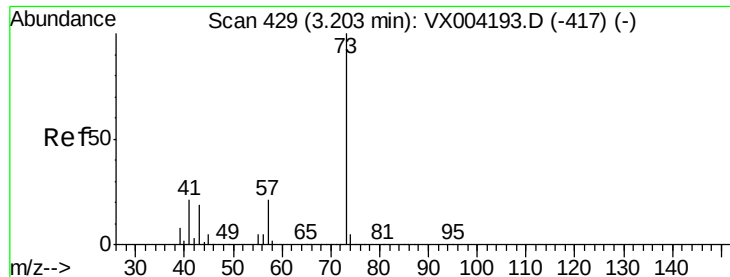
40000

20000

0

Time-->





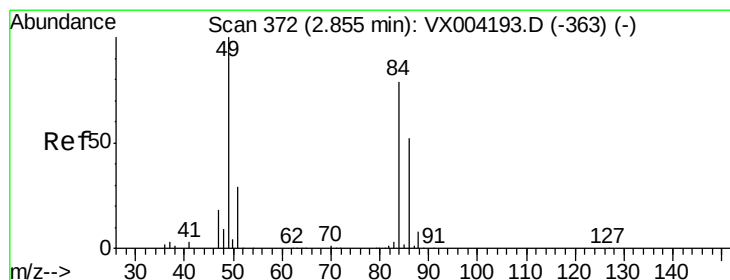
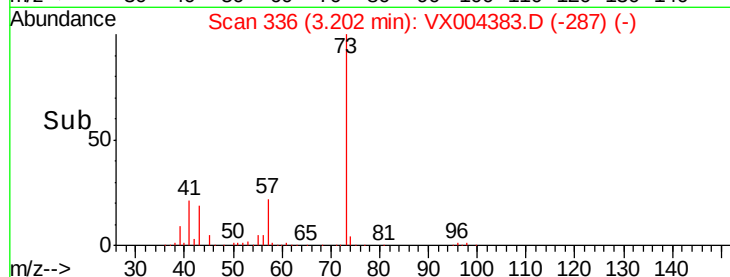
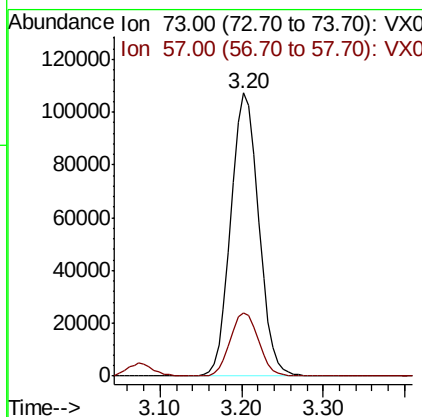
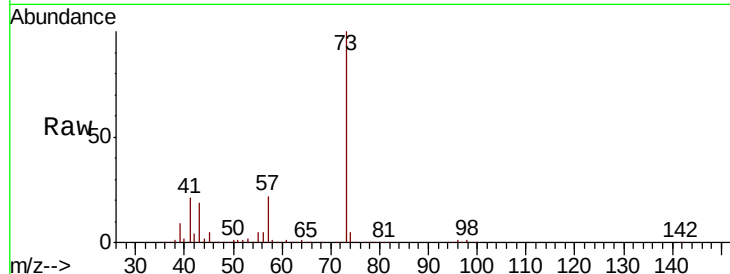
#19
Methvl tert-butvl Ether
Concen: 20.22 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

Tot Ion: 73 Resp: 253443
Ion Ratio Lower Upper
73 100
57 22.5 17.1 25.7

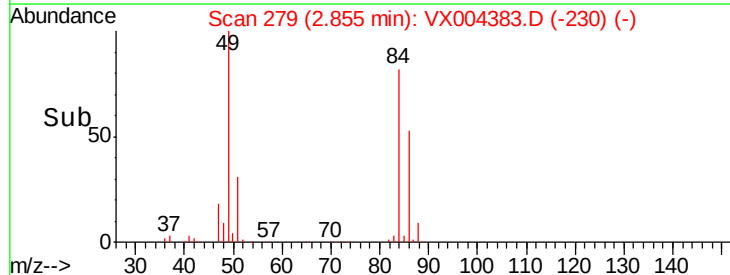
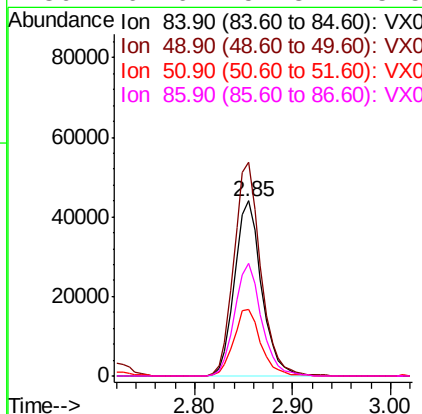
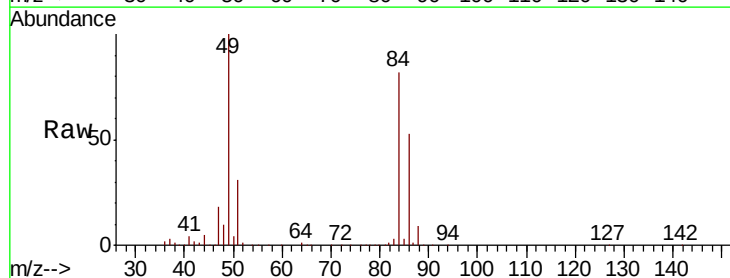
Manual Integrations
APPROVED

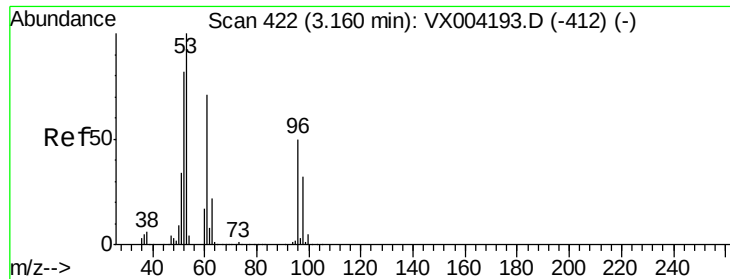
MMDadoda
9/7/2018 1:42:55 PM



#20
Methylene Chloride
Concen: 18.74 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion: 84 Resp: 84423
Ion Ratio Lower Upper
84 100
49 122.2 101.2 151.8
51 38.2 29.5 44.3
86 64.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 17.97 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

Tot Ion: 96 Resp: 75661

Ion Ratio Lower Upper

96 100

61 137.7 113.8 170.6

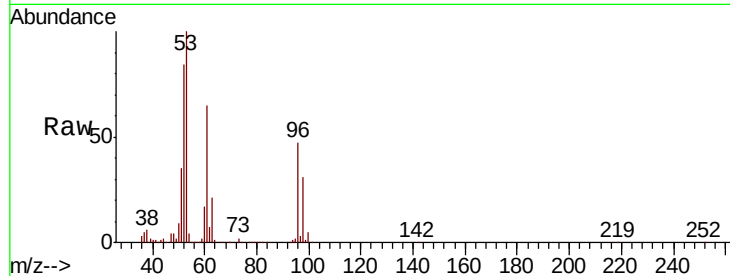
98 64.7 51.8 77.8

Manual Integrations

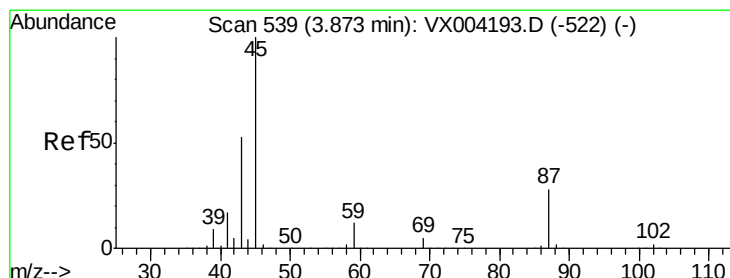
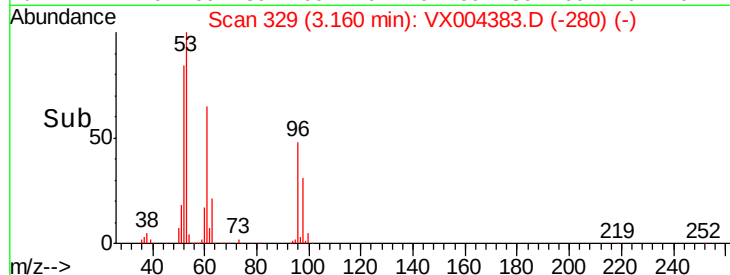
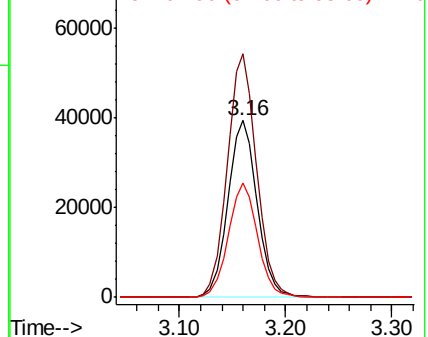
APPROVED

MMDadoda

9/7/2018 1:42:55 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.67 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Tgt Ion: 45 Resp: 256648

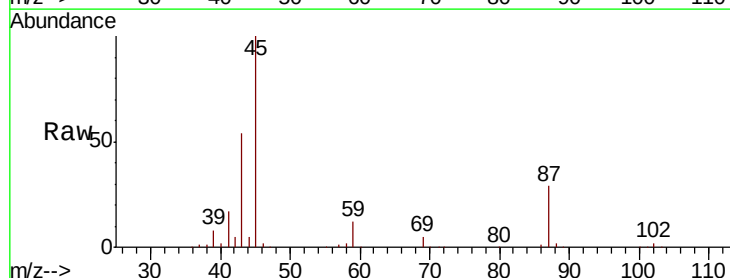
Ion Ratio Lower Upper

45 100

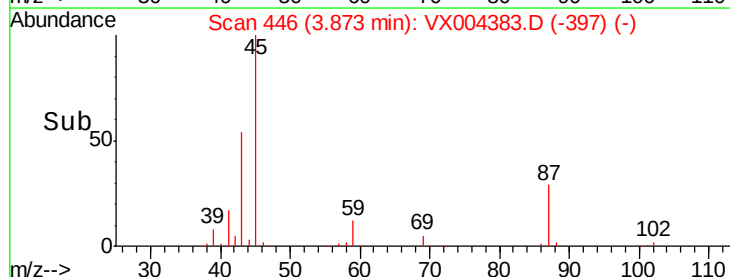
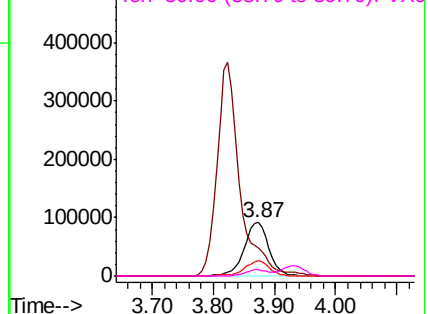
43 53.5 42.8 64.2

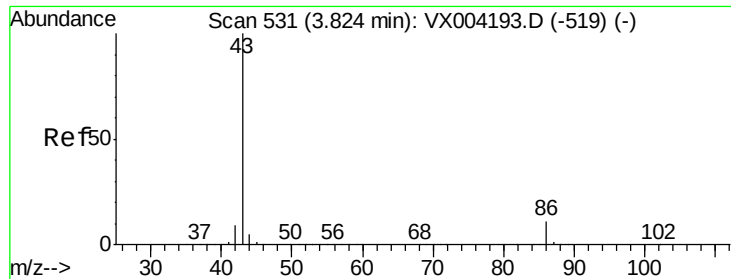
87 28.6 22.6 34.0

59 12.2 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 91.29 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

Tot Ion: 43 Resp: 96529

Ion Ratio Lower Upper

43 100

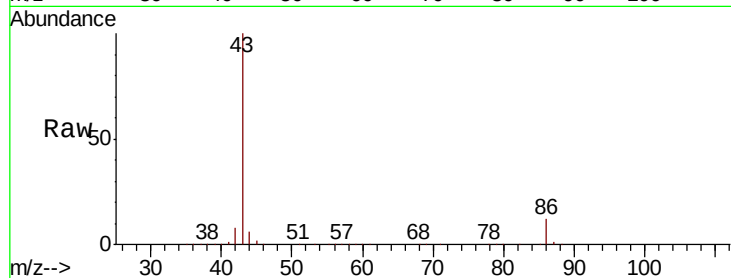
86 11.7 8.9 13.3

Manual Integrations

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9/7/2018 1:42:55 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

300000

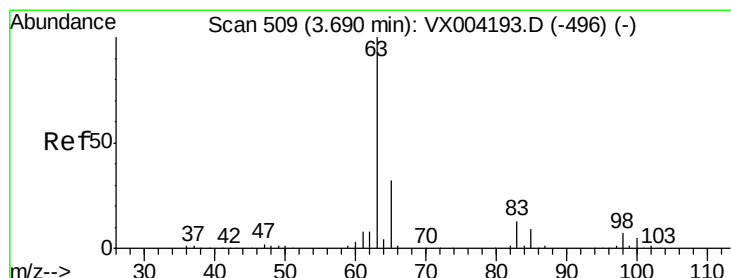
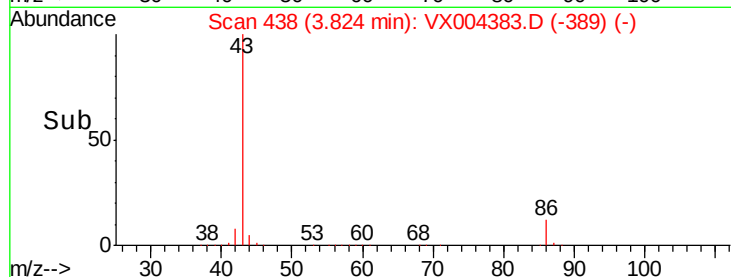
200000

100000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 19.57 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

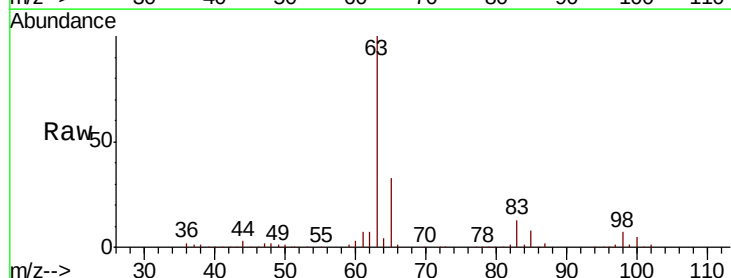
Tgt Ion: 63 Resp: 148862

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

80000

60000

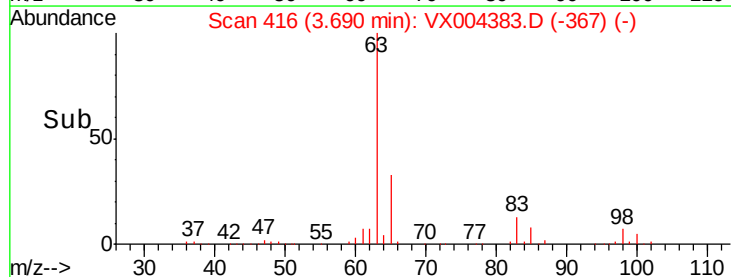
40000

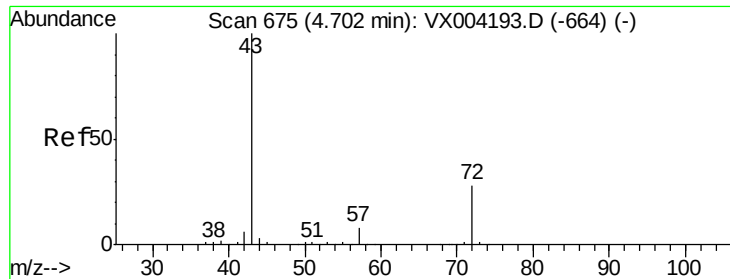
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 103.66 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

Tot Ion: 43 Resp: 330310

Ion Ratio Lower Upper

43 100

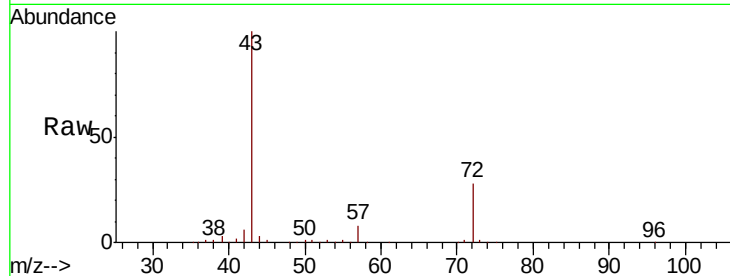
72 27.6 22.0 33.0

Manual Integrations

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MMDadoda

9/7/2018 1:42:55 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

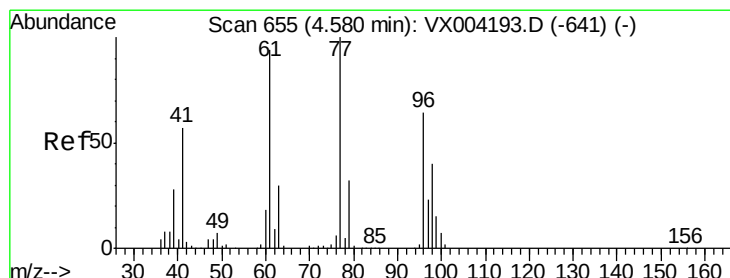
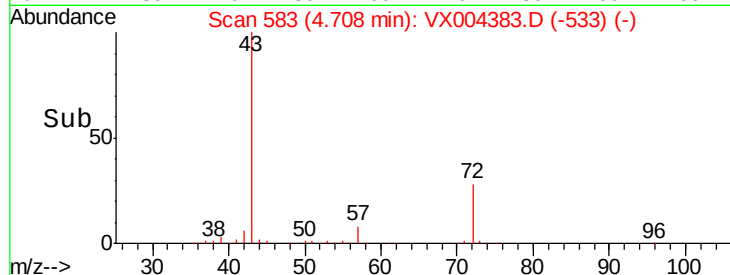
4.71

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 18.92 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004383.D

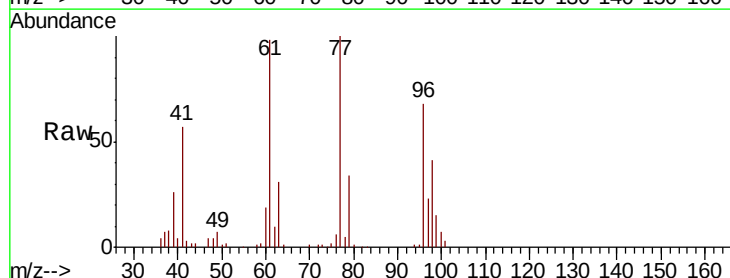
Acq: 06 Sep 2018 14:25

Tgt Ion: 77 Resp: 112852

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

40000

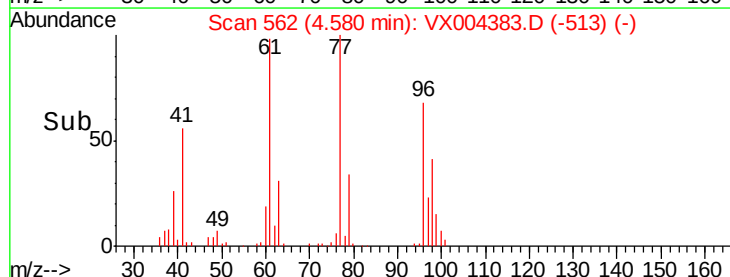
30000

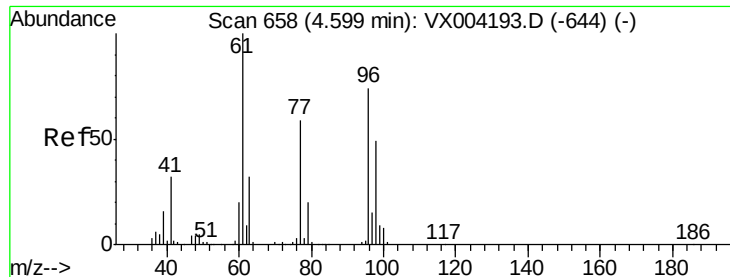
20000

10000

0

Time-->





#27

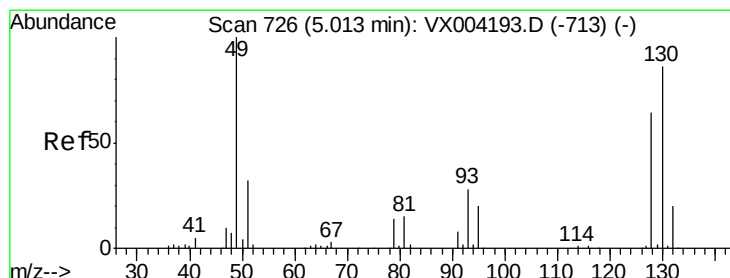
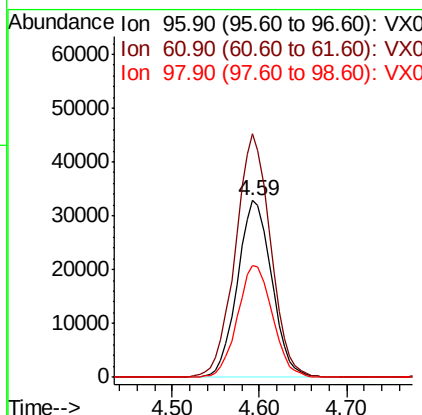
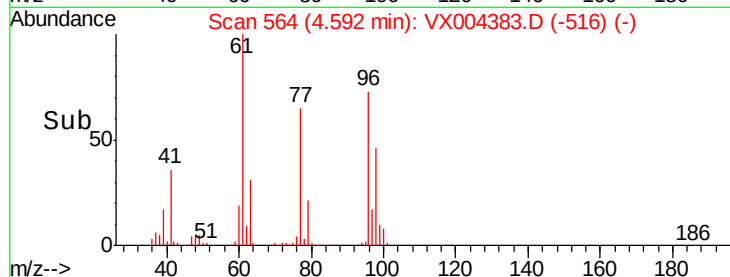
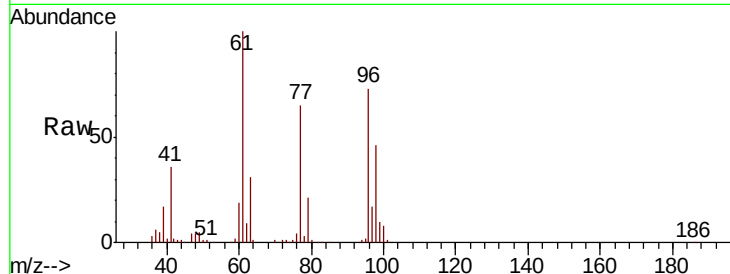
cis-1,2-Dichloroethene
Concen: 18.83 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	141.0	0.0	282.6	
98	64.4	0.0	130.2	

Manual Integrations
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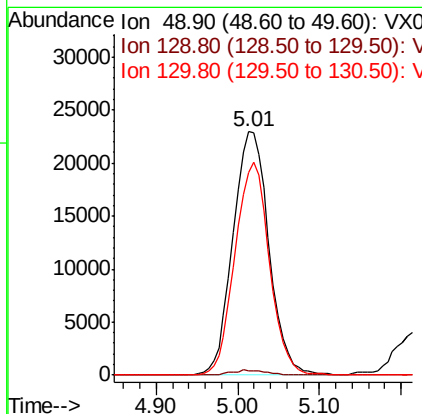
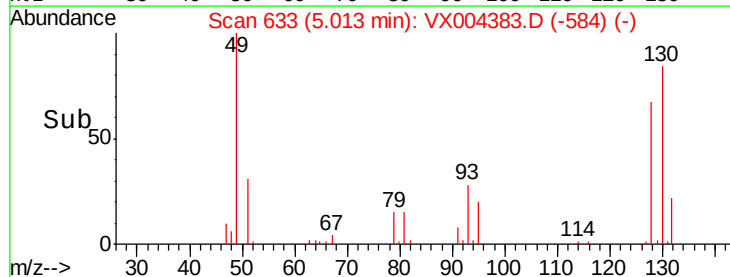
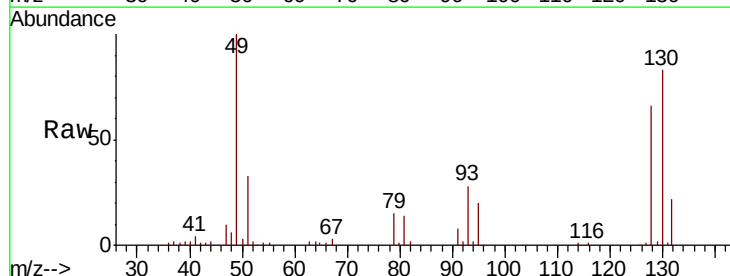
MMDadoda
9/7/2018 1:42:55 PM

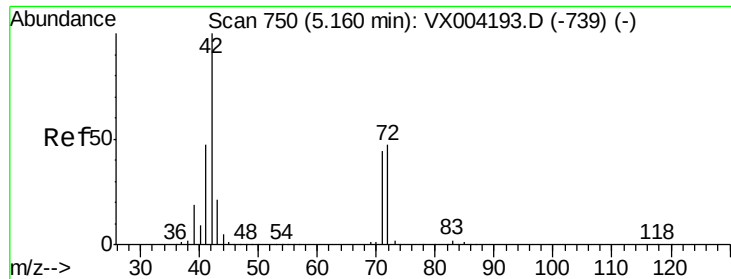


#28

Bromochloromethane
Concen: 20.87 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.2	
130	83.9	67.5	101.3	





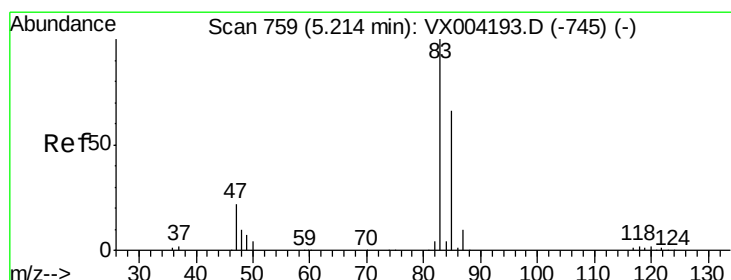
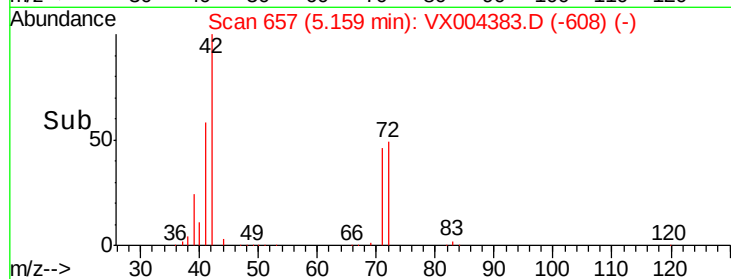
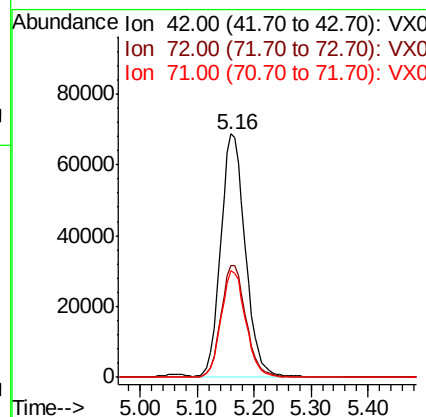
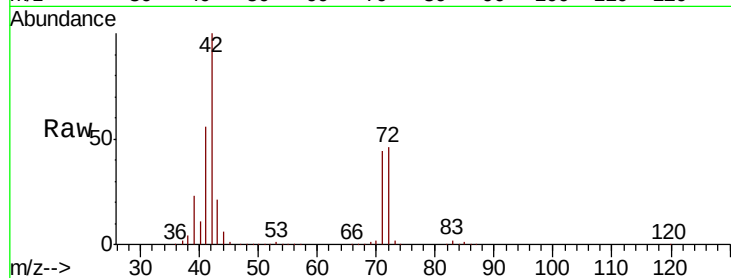
#29
Tetrahydrofuran
Concen: 102.06 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	37.4	56.0
71	43.6	34.5	51.7

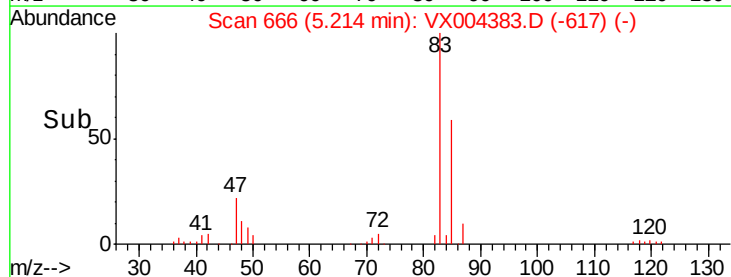
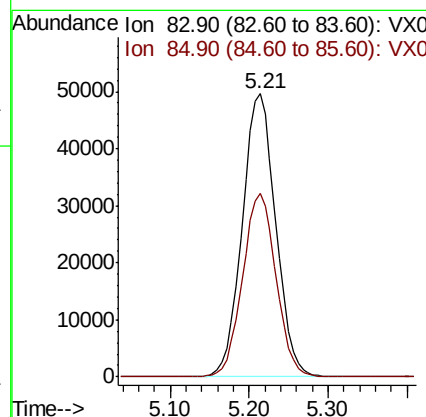
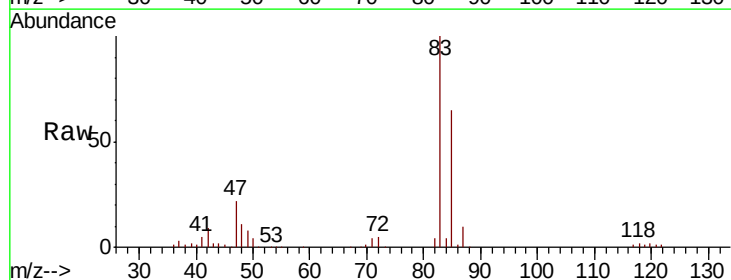
Manual Integrations
APPROVED

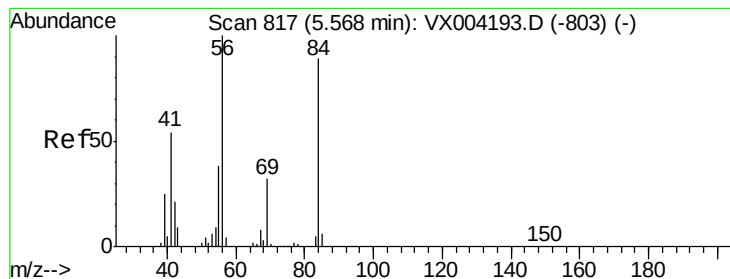
MMDadoda
9/7/2018 1:42:55 PM



#30
Chloroform
Concen: 19.18 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.6	79.0





#31

Cyclohexane

Concen: 18.21 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

Tot Ion: 56 Resp: 119497

Ion Ratio Lower Upper

56 100

69 28.9 25.4 38.2

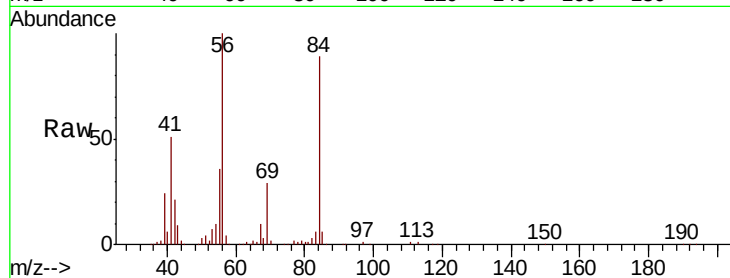
84 86.9 71.4 107.2

Manual Integrations

APPROVED

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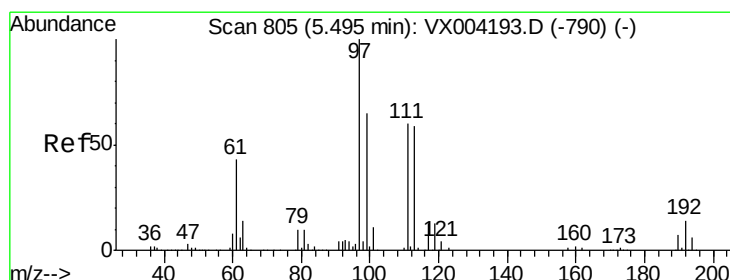
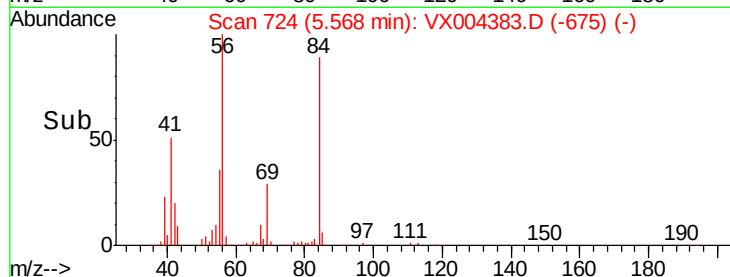
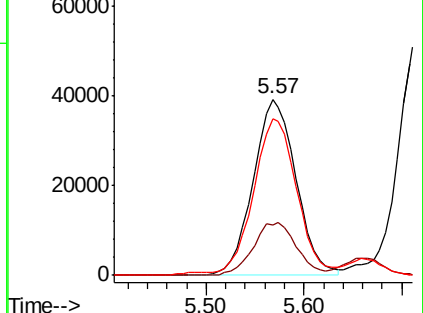
9/7/2018 1:42:55 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.17 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

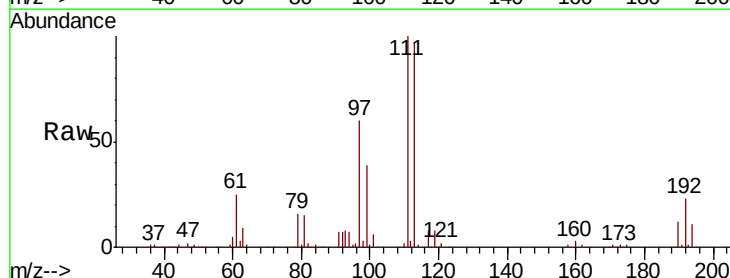
Tgt Ion: 97 Resp: 121900

Ion Ratio Lower Upper

97 100

99 64.2 52.0 78.0

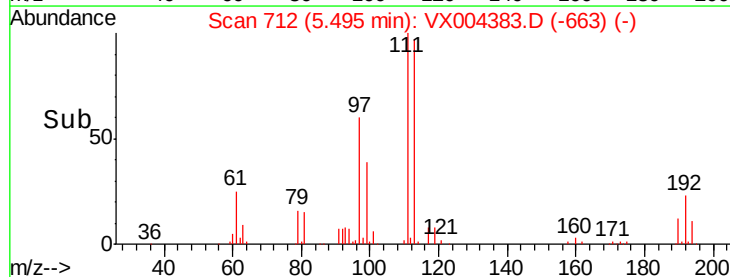
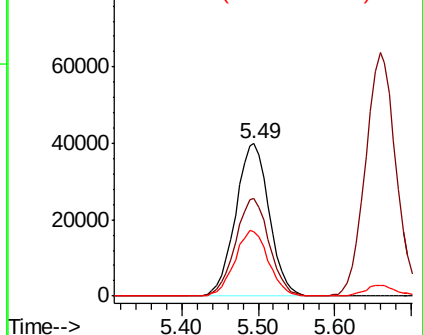
61 43.0 34.9 52.3

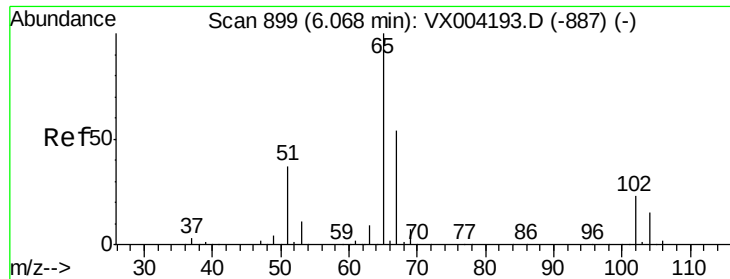


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





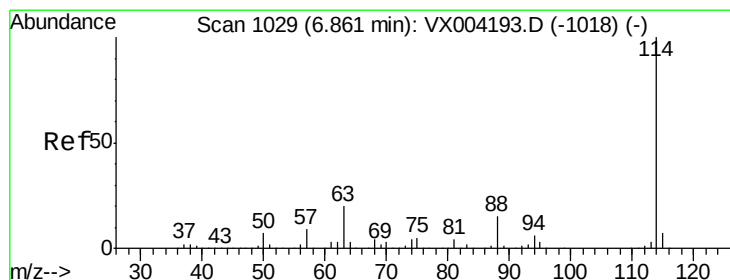
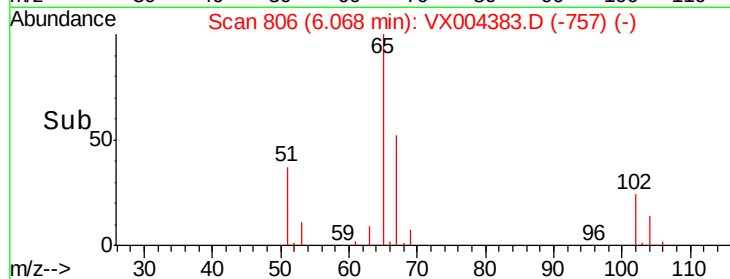
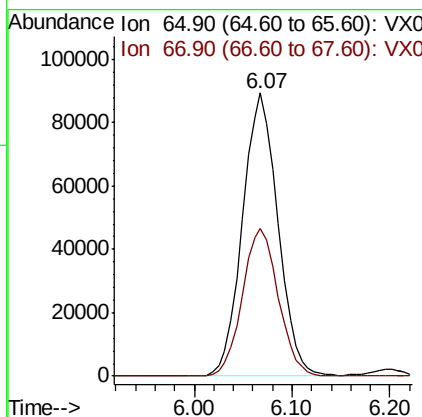
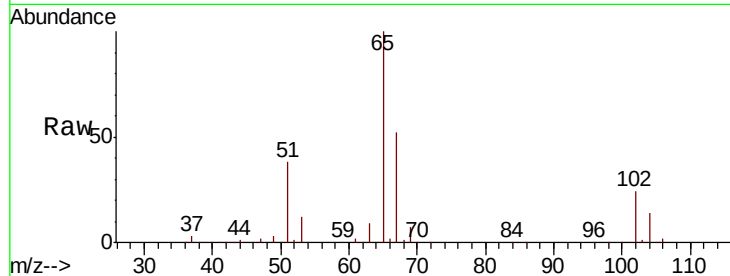
#33
 1,2-Dichloroethane-d4
 Concen: 47.90 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	224177		
67	53.0	0.0	106.8	

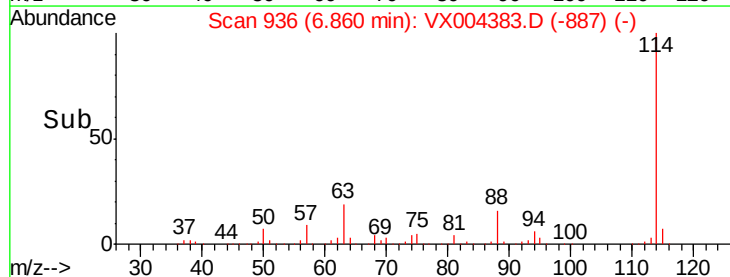
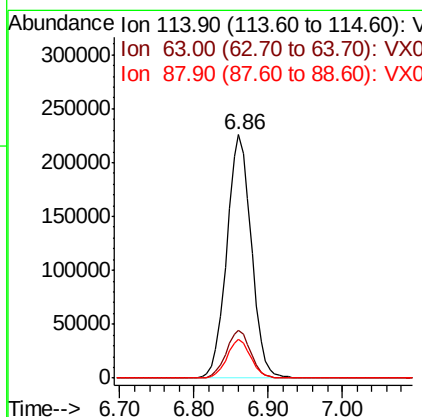
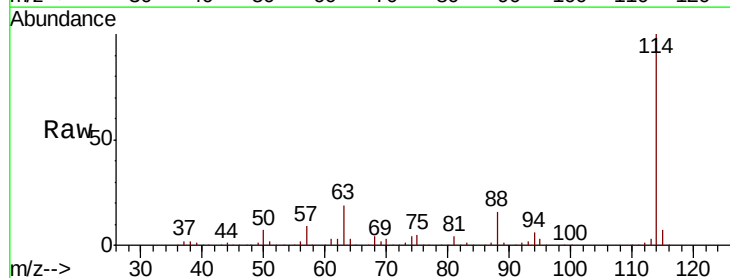
Manual Integrations
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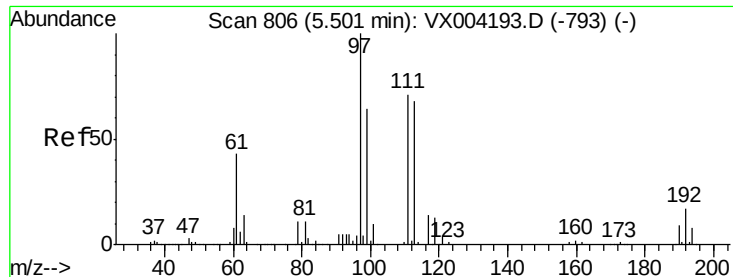
MMDadoda
 9/7/2018 1:42:55 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	520786		
63	19.4	0.0	39.0	
88	16.2	0.0	30.4	





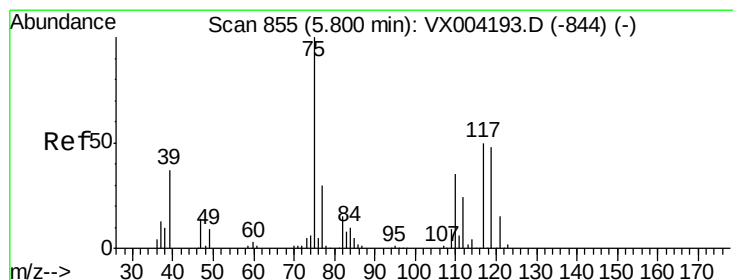
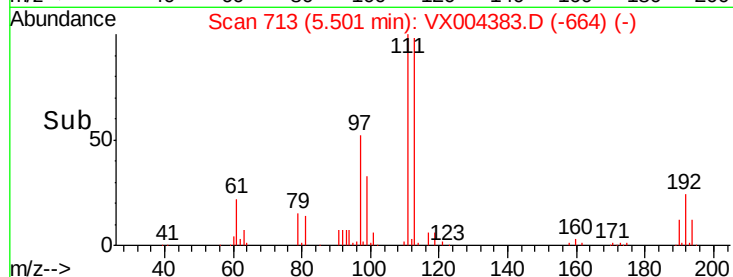
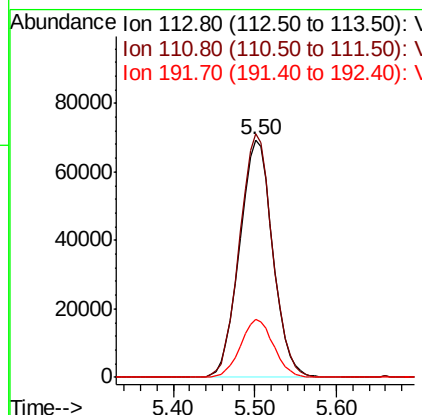
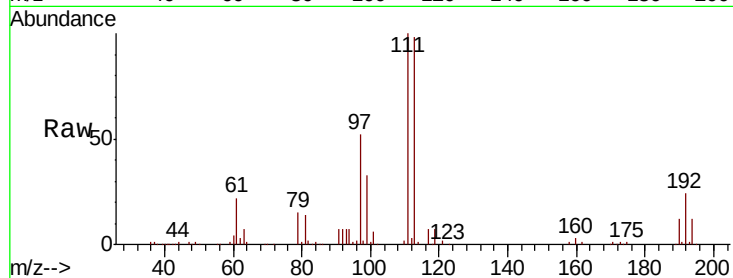
#35
 Dibromofluoromethane
 Concen: 50.42 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	195343		
111	101.9	82.4	123.6	
192	24.3	19.4	29.2	

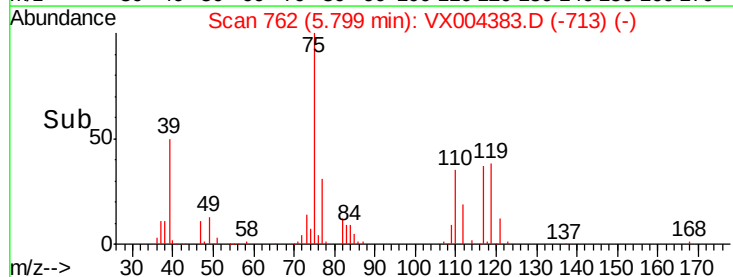
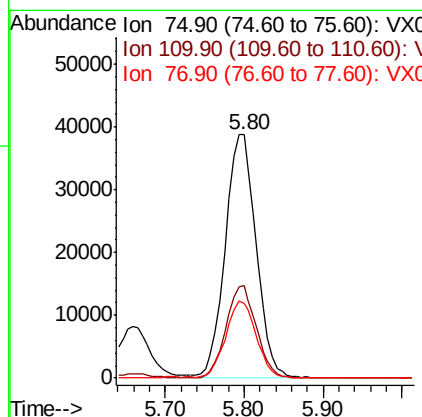
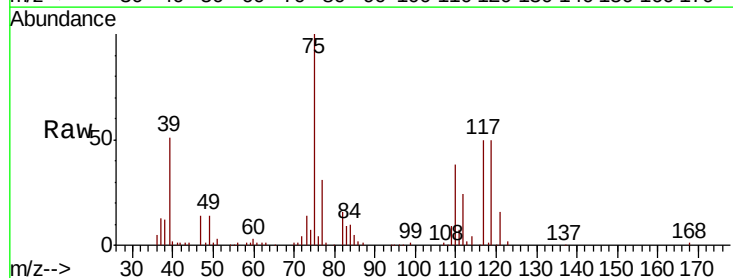
Manual Integrations
 APPROVED

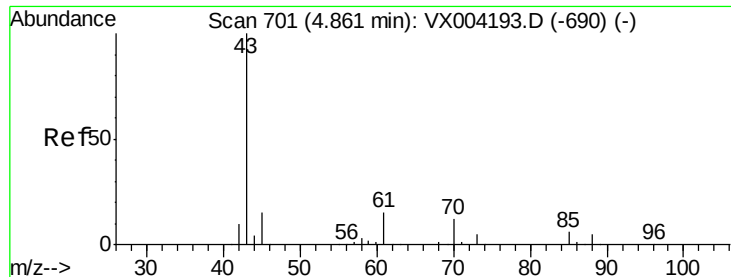
MMDadoda
 9/7/2018 1:42:55 PM



#36
 1,1-Dichloropropene
 Concen: 17.97 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	105207		
110	37.4	18.0	54.0	
77	31.6	24.6	36.8	





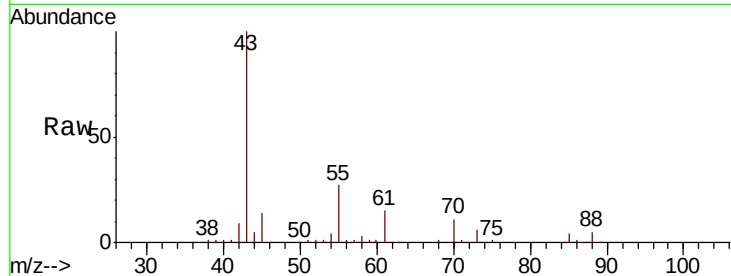
#37
Ethyl Acetate
Concen: 19.49 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Instrument :
MSVOA_X
ClientSampled :
VX0906MBS01

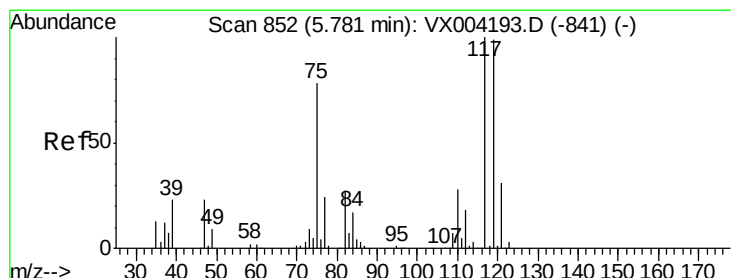
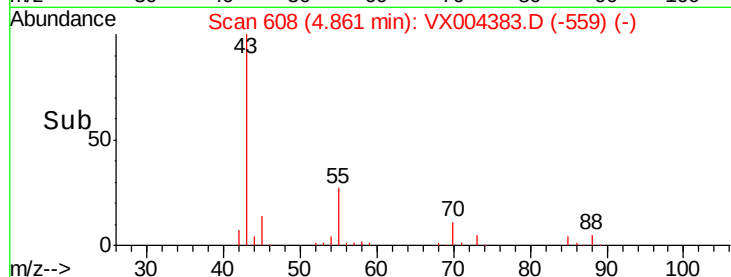
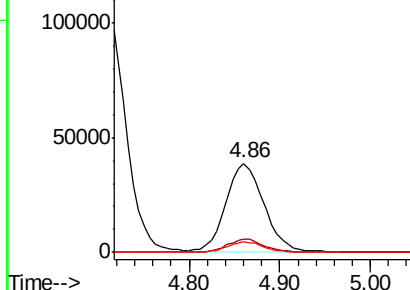
Tot Ion:	43	Resp:	112198
Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.5	17.3
70	11.6	9.0	13.6

Manual Integrations
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9/7/2018 1:42:55 PM

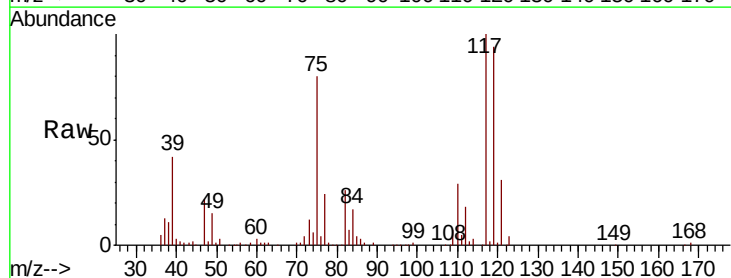


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

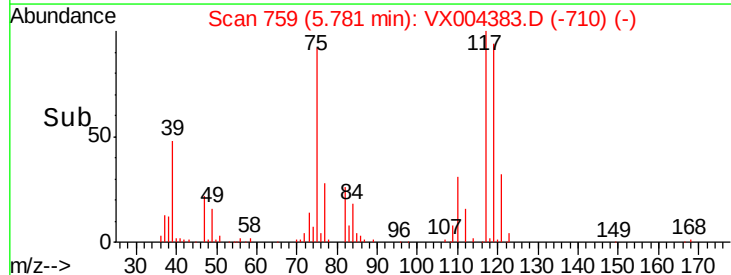
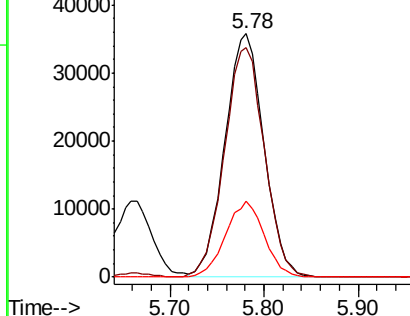


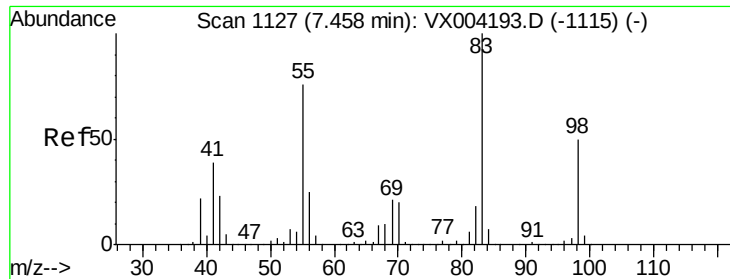
#38
Carbon Tetrachloride
Concen: 18.72 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion:	117	Resp:	103115
Ion	Ratio	Lower	Upper
117	100		
119	94.5	78.8	118.2
121	31.0	24.9	37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





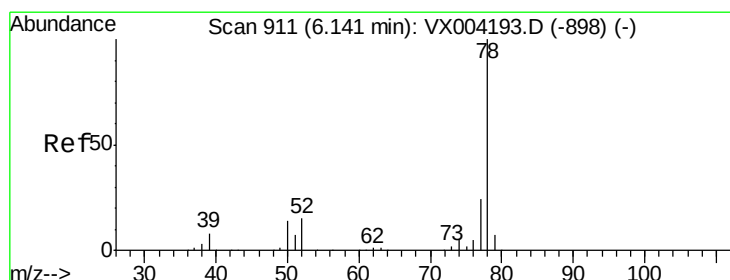
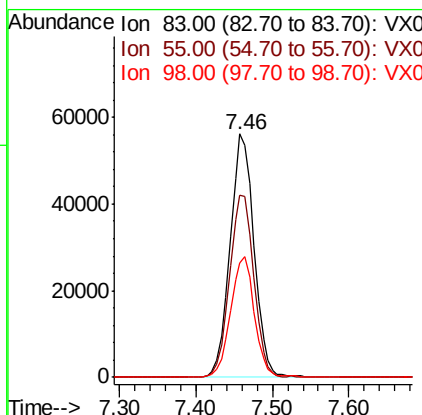
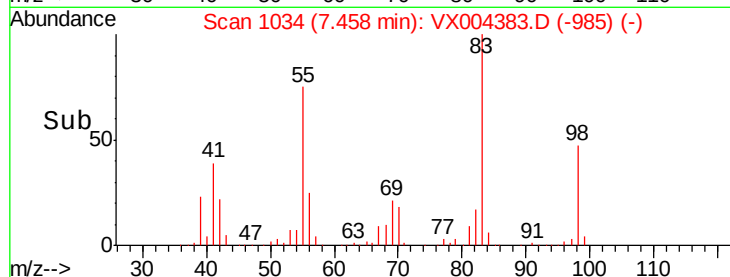
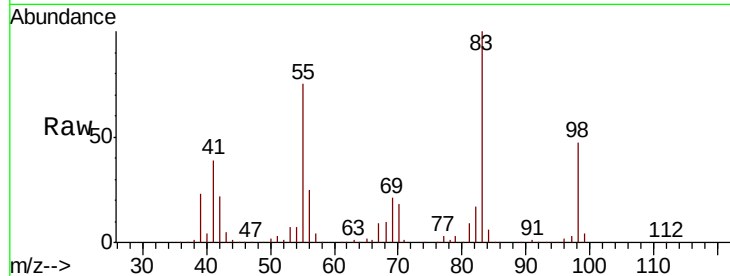
#39
Methylvlcyclohexane
Concen: 18.23 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.1	61.0	91.4	
98	47.1	39.6	59.4	

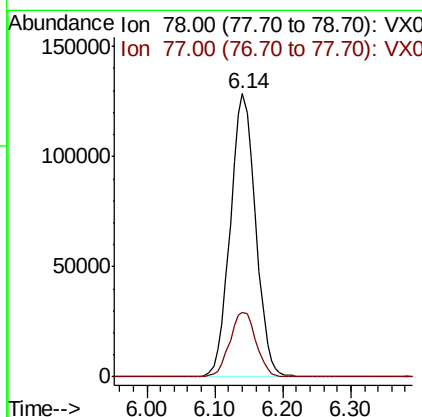
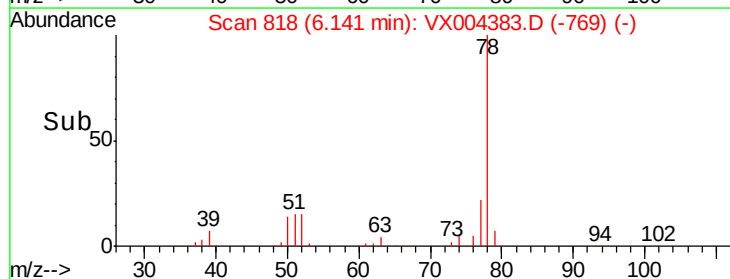
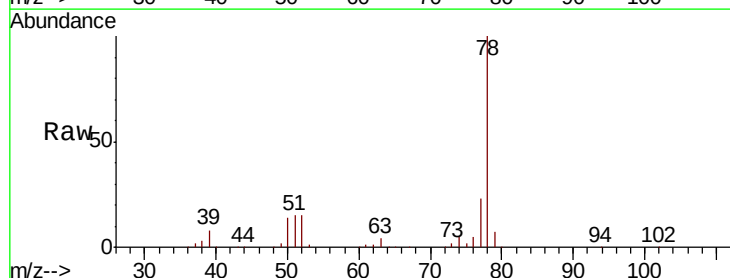
Manual Integrations
APPROVED

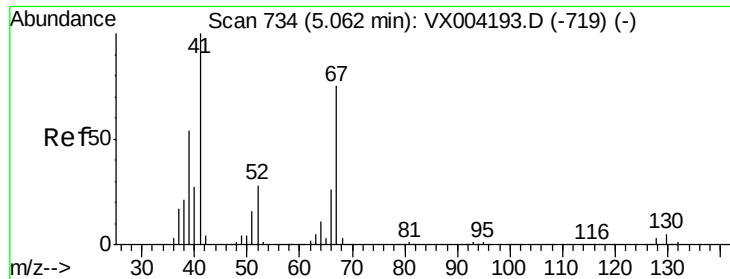
MMDadoda
9/7/2018 1:42:55 PM



#40
Benzene
Concen: 19.02 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.9	19.0	28.4	





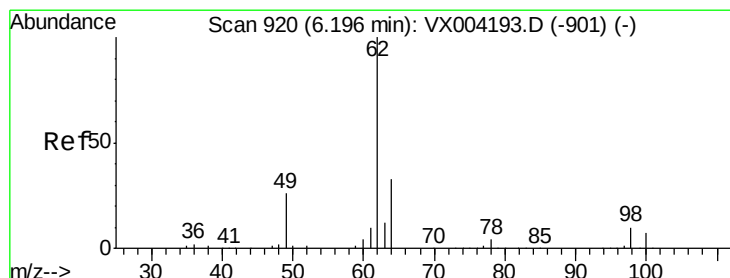
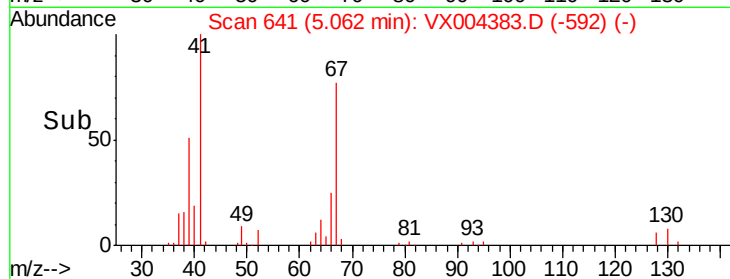
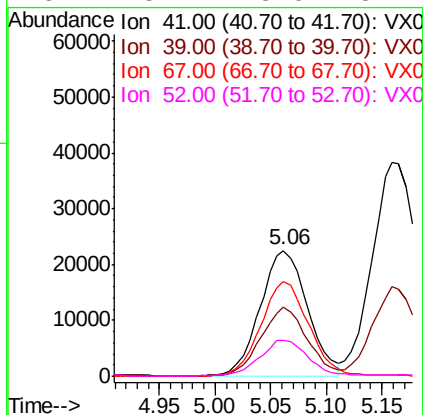
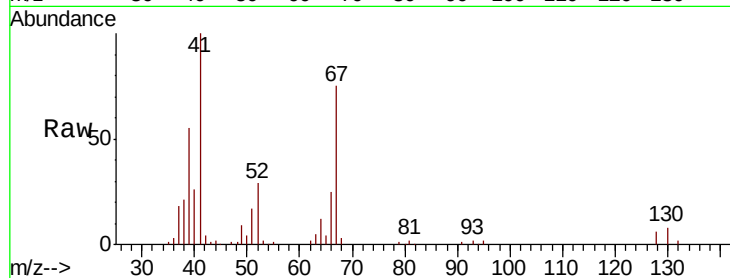
#41
Methacrylonitrile
Concen: 20.05 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.7	42.4	63.6	
67	76.4	59.2	88.8	
52	28.2	23.0	34.4	

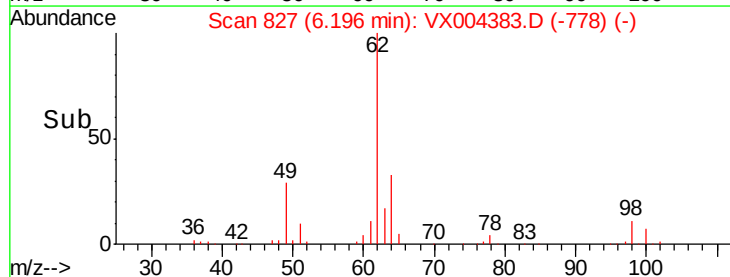
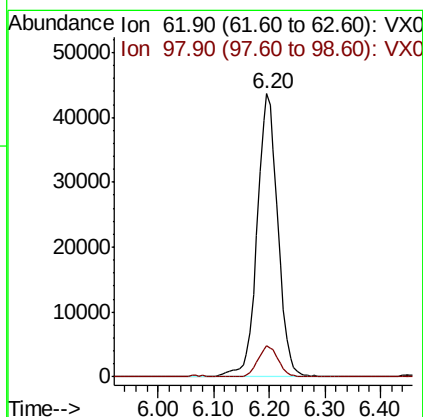
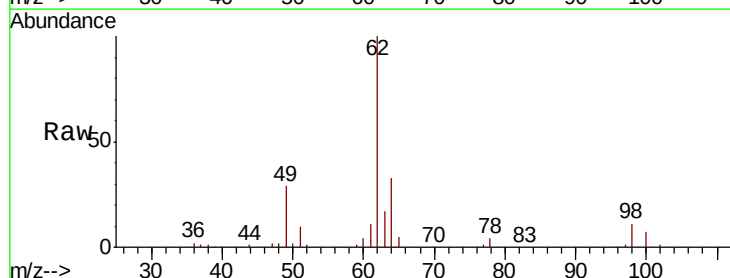
Manual Integrations
APPROVED

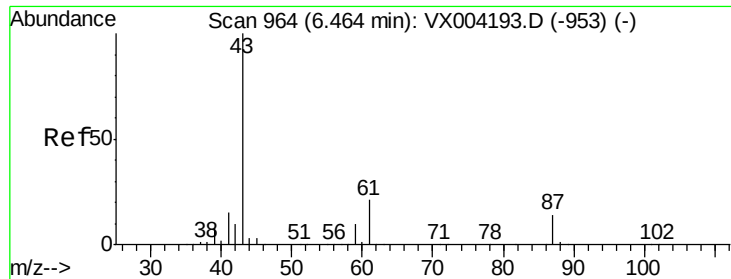
MMDadoda
9/7/2018 1:42:55 PM



#42
1,2-Dichloroethane
Concen: 19.11 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.8	0.0	20.6	





#43

Isopropyl Acetate

Concen: 19.80 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

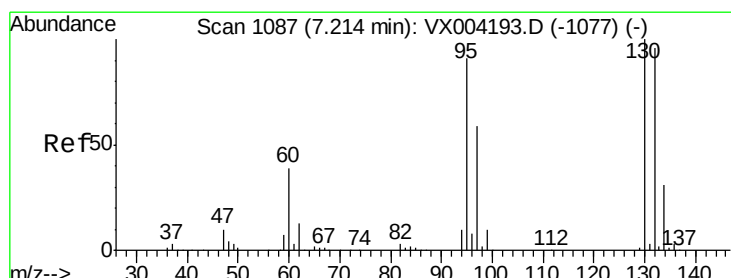
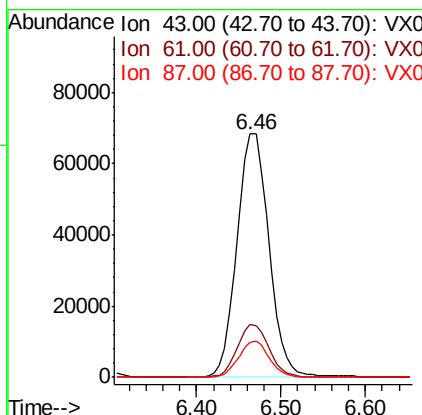
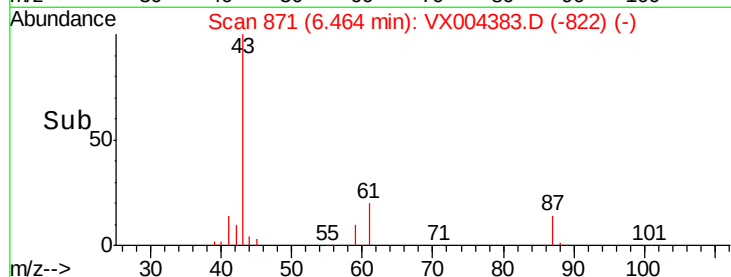
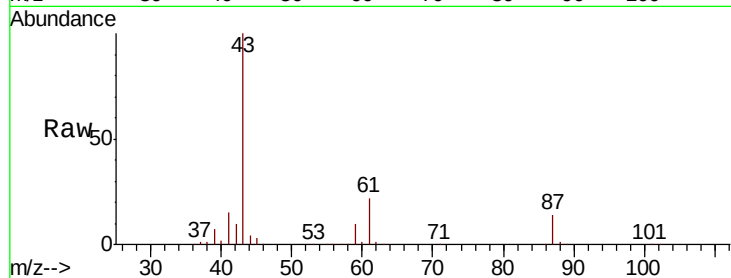
ClientSampleId :

VX0906MBS01

Tot Ion:	43	Resp:	175215
Ion	Ratio	Lower	Upper
43	100		
61	21.6	17.0	25.4
87	14.3	11.4	17.2

Manual Integrations
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9/7/2018 1:42:55 PM



#44

Trichloroethene

Concen: 18.74 ug/l

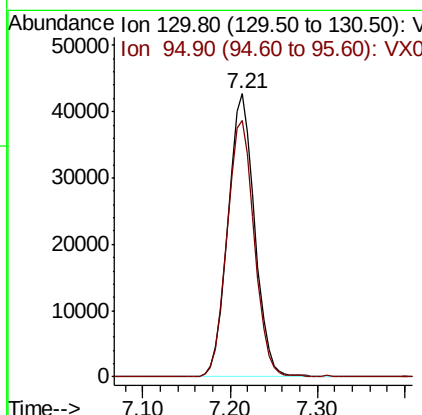
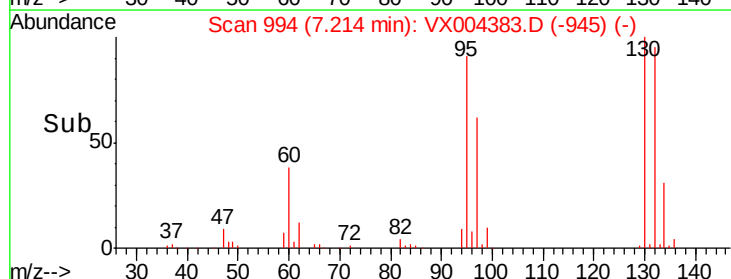
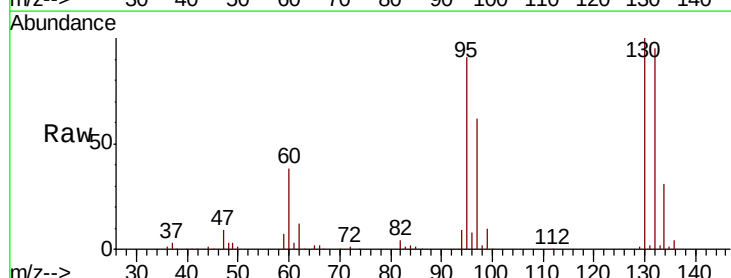
RT: 7.21 min Scan# 994

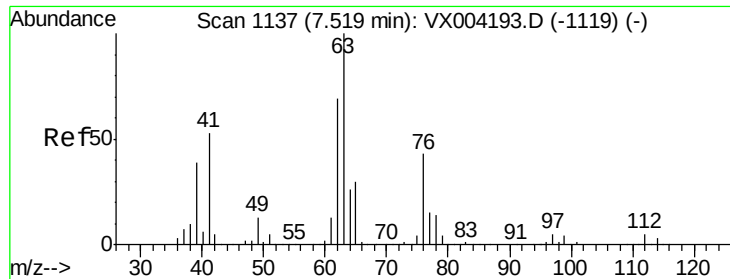
Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Tgt Ion:	130	Resp:	90732
Ion	Ratio	Lower	Upper
130	100		
95	90.7	0.0	181.6





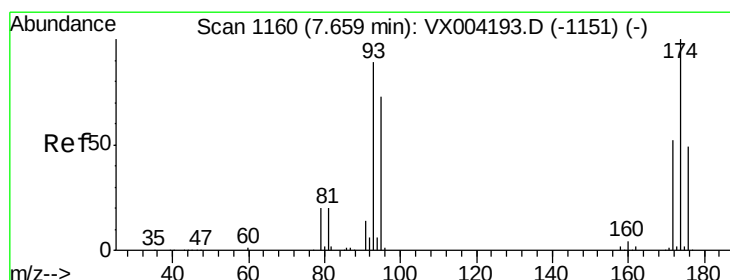
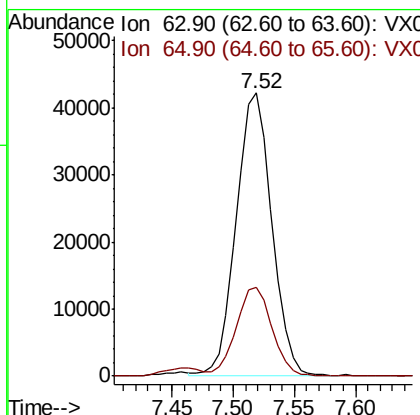
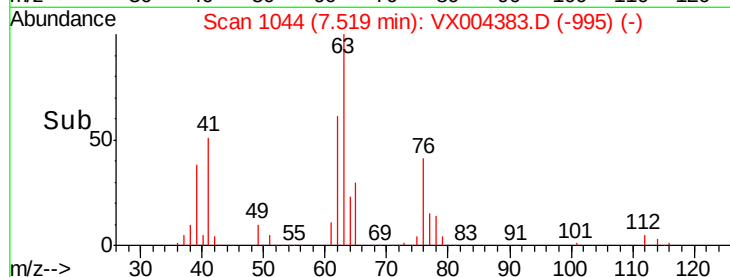
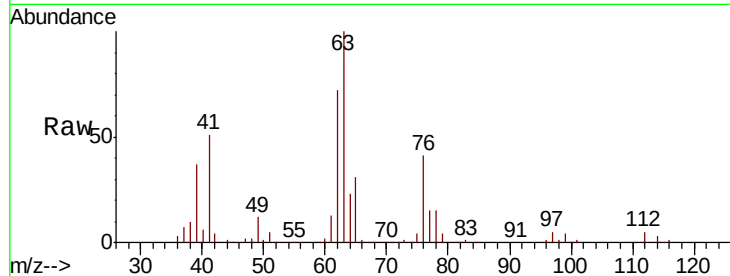
#45
 1,2-Dichloropropane
 Concen: 19.30 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

Tot Ion: 63 Resp: 84514
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.3 36.5

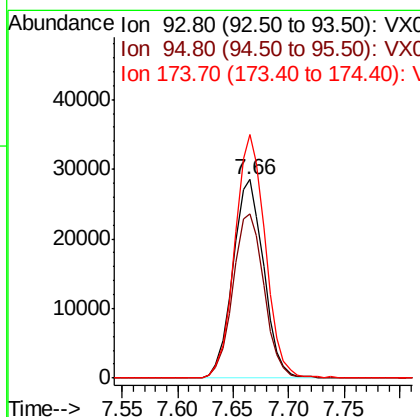
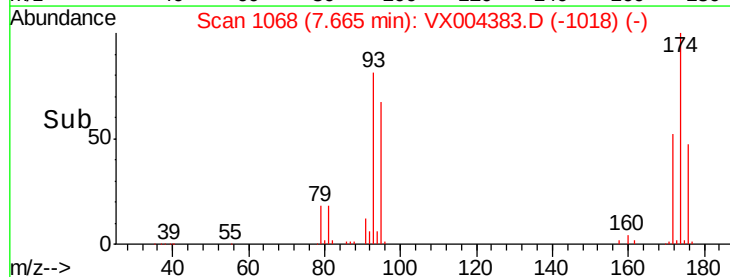
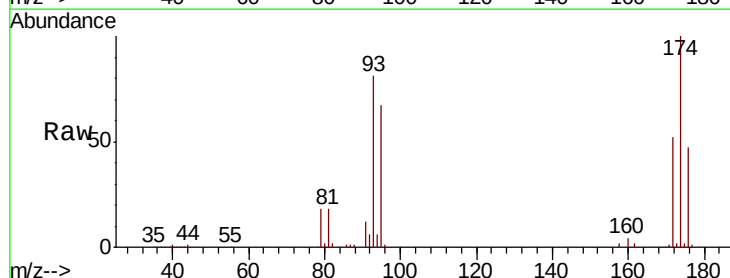
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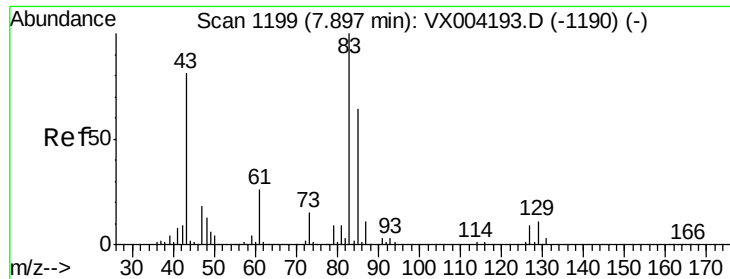
MMDadoda
 9/7/2018 1:42:55 PM



#46
 Dibromomethane
 Concen: 18.72 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Tgt Ion: 93 Resp: 54563
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.5 98.3
 174 121.5 94.2 141.4





#47

Bromodichloromethane

Concen: 19.39 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

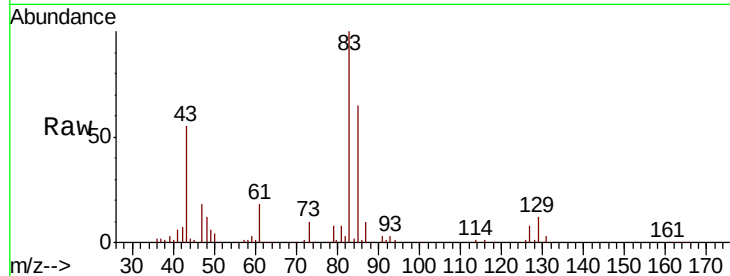
ClientSampleId :

VX0906MBS01

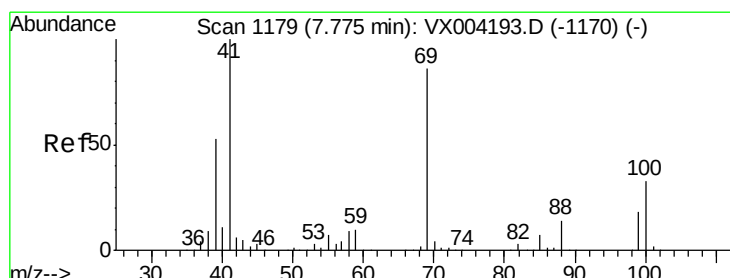
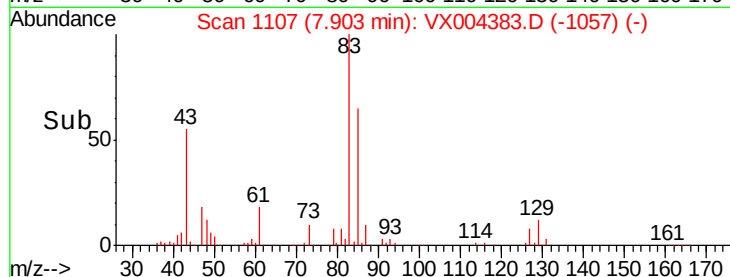
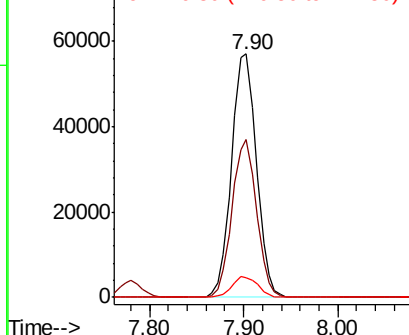
Tot Ion:	83	Resp:	105182
Ion Ratio	Lower	Upper	
83	100		
85	64.8	50.9	76.3
127	8.0	7.3	10.9

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.75 ug/l

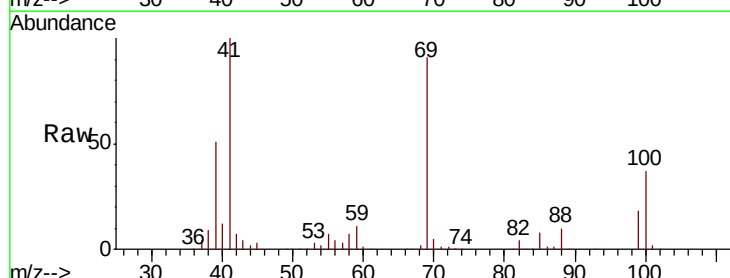
RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

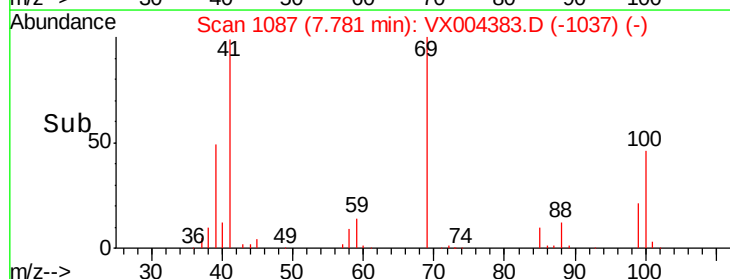
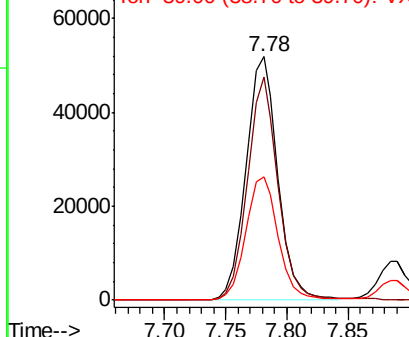
Lab File: VX004383.D

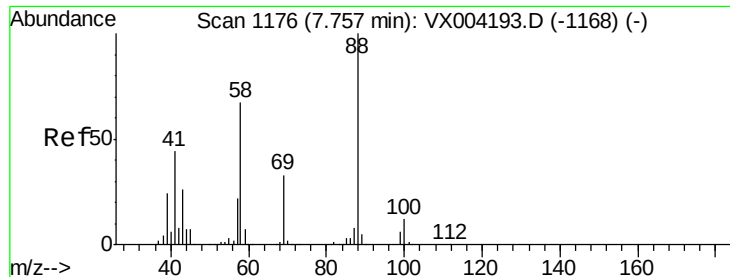
Acq: 06 Sep 2018 14:25

Tgt Ion:	41	Resp:	93526
Ion Ratio	Lower	Upper	
41	100		
69	89.1	70.2	105.4
39	52.0	42.7	64.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





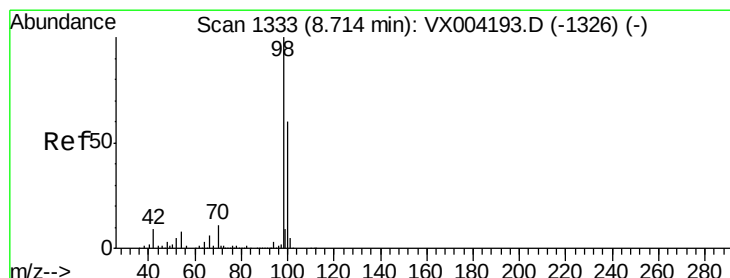
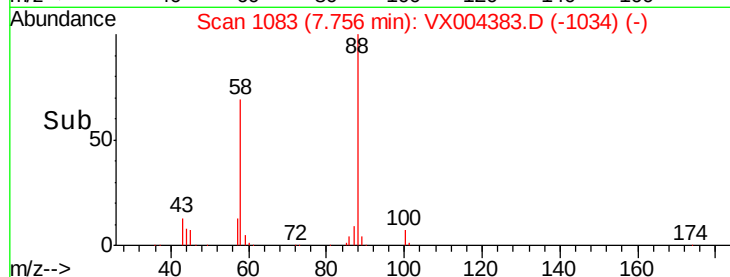
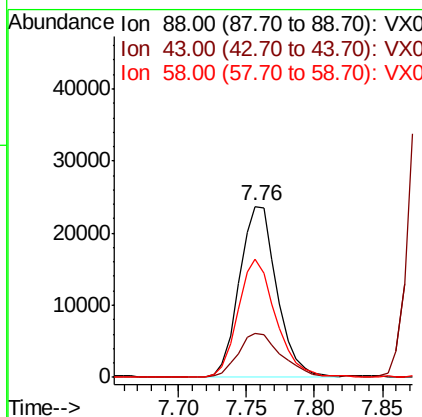
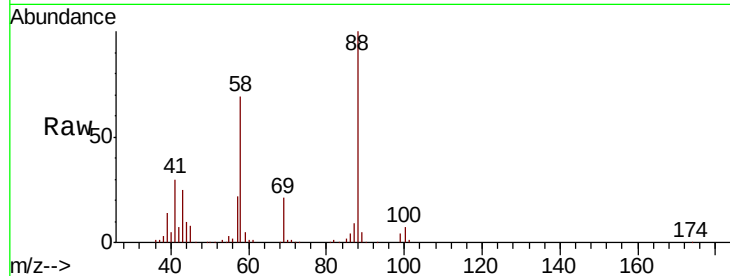
#49
1,4-Dioxane
Concen: 426.73 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.4	24.7	37.1
58	69.7	55.3	82.9

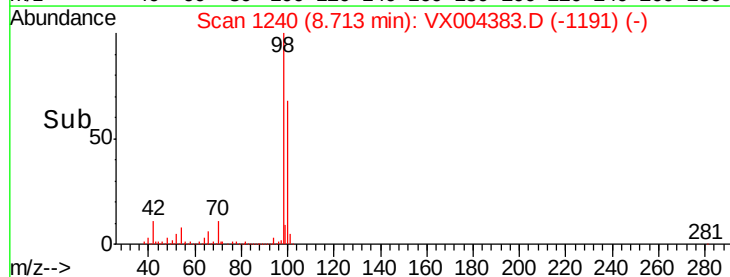
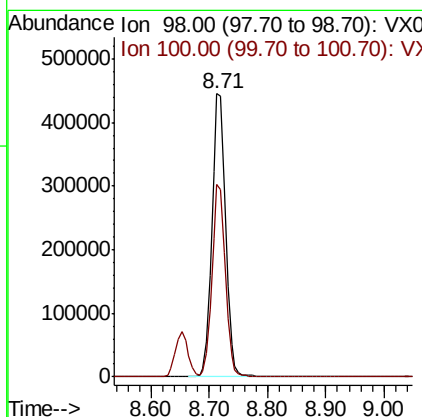
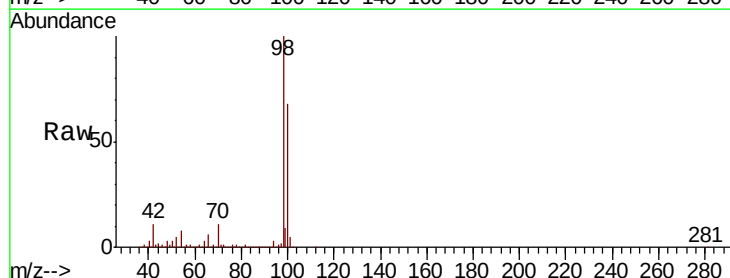
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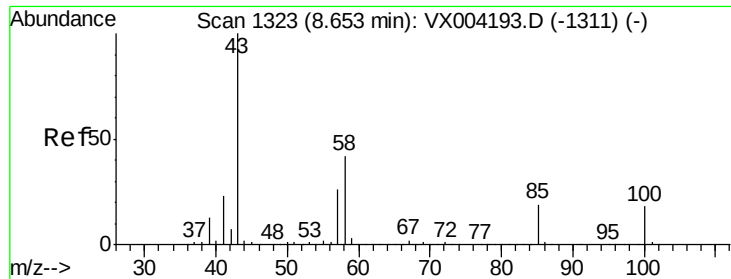
MMDadoda
9/7/2018 1:42:55 PM



#50
Toluene-d8
Concen: 49.22 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.9	79.3





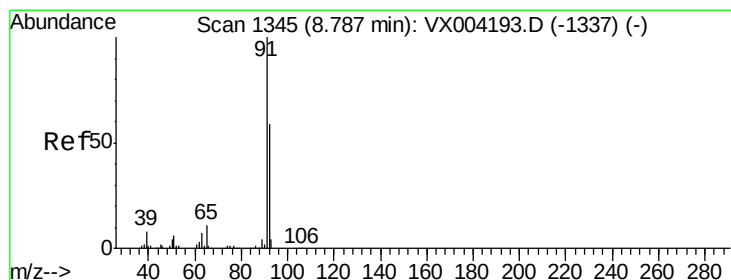
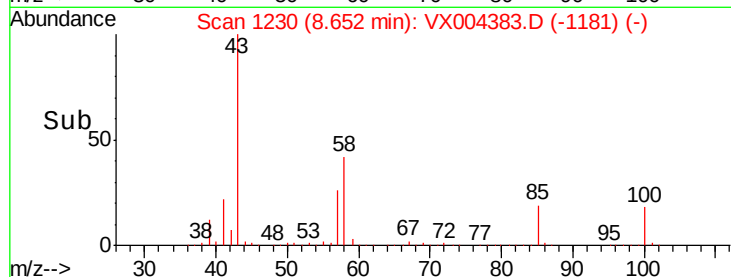
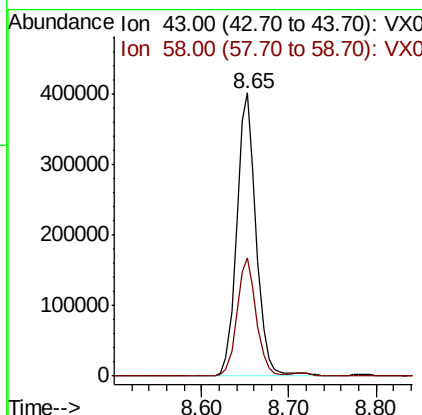
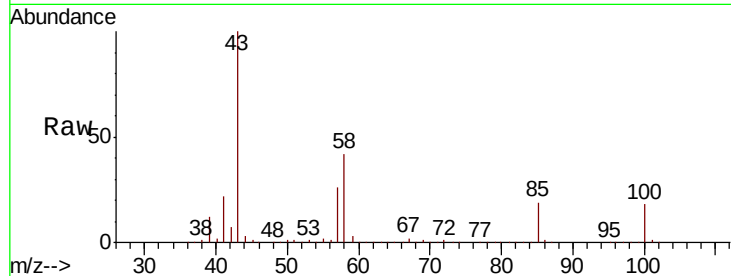
#51
4-Methyl-2-Pentanone
Concen: 96.82 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

Tot Ion: 43 Resp: 622404
Ion Ratio Lower Upper
43 100
58 41.2 33.1 49.7

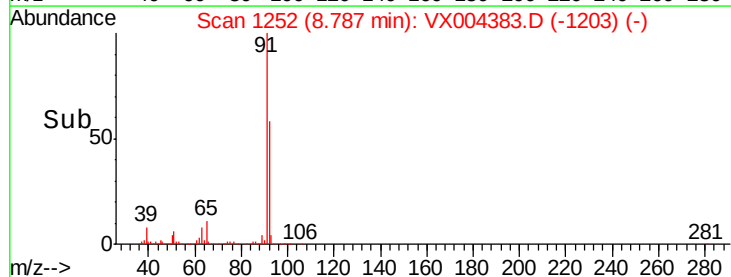
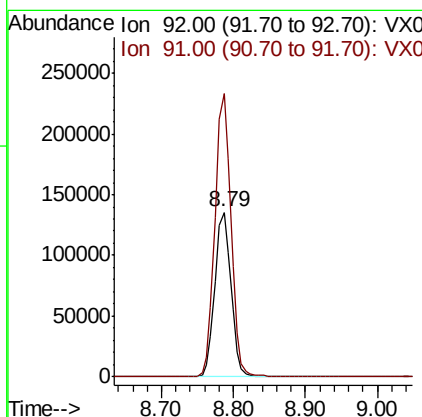
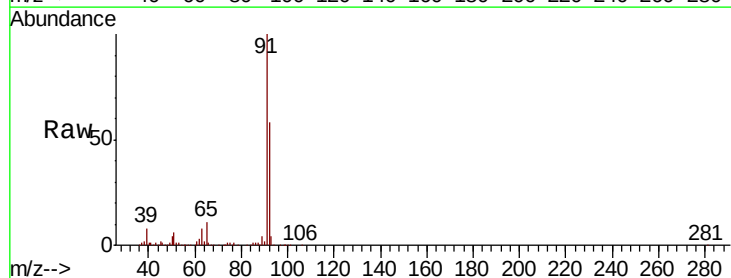
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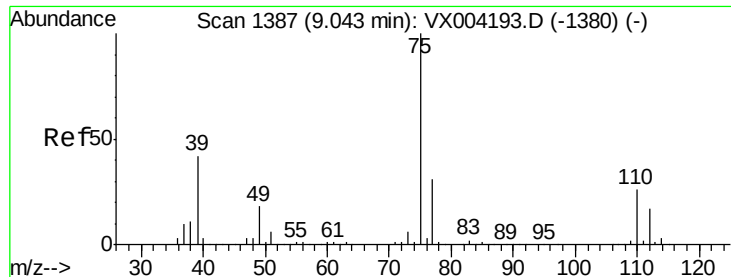
MMDadoda
9/7/2018 1:42:55 PM



#52
Toluene
Concen: 19.30 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion: 92 Resp: 211328
Ion Ratio Lower Upper
92 100
91 170.7 136.4 204.6





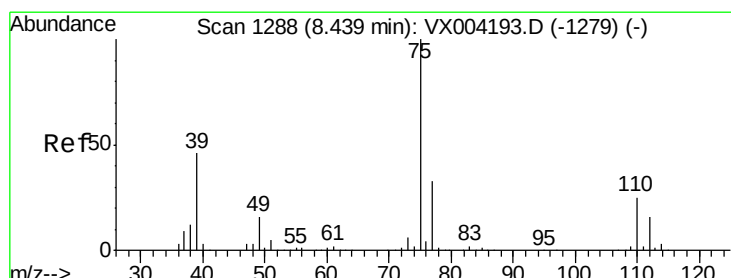
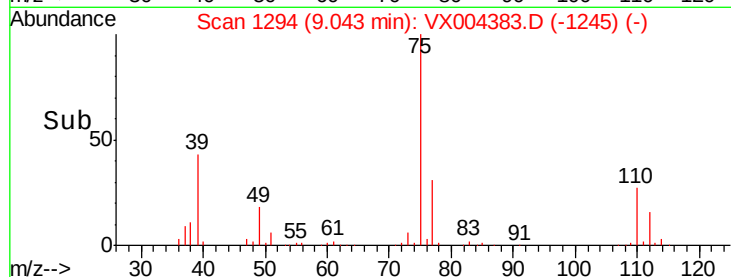
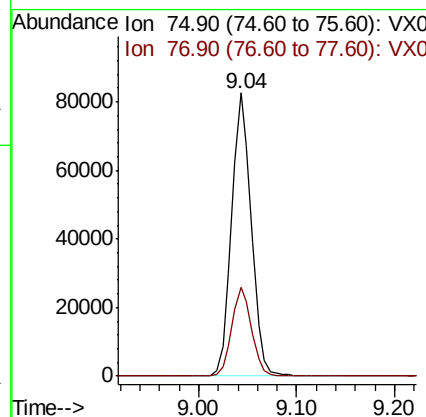
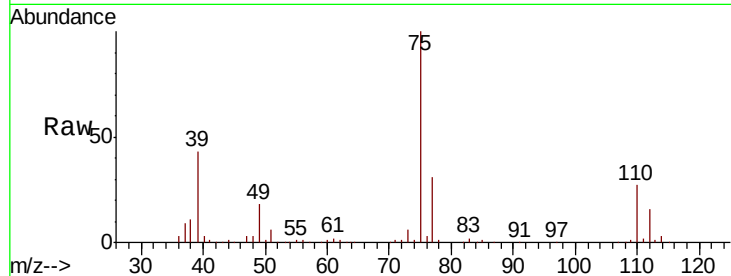
#53
 t-1,3-Dichloropropene
 Concen: 19.30 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

Tot Ion: 75 Resp: 115648
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 37.0

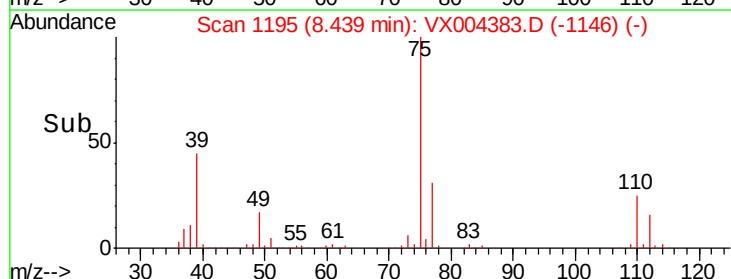
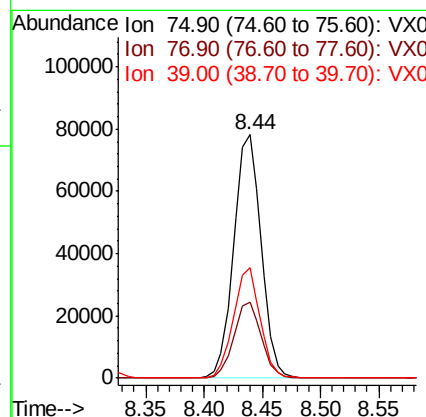
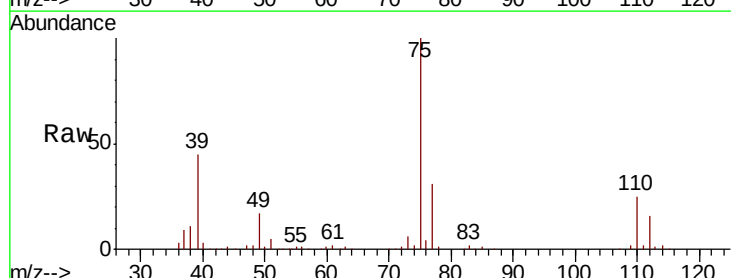
Manual Integrations
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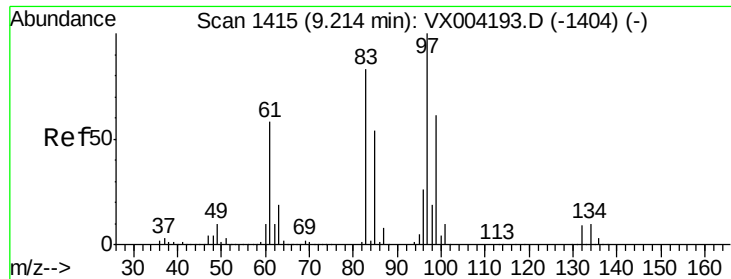
MMDadoda
 9/7/2018 1:42:55 PM



#54
 cis-1,3-Dichloropropene
 Concen: 19.64 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Tgt Ion: 75 Resp: 128189
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.2 39.2
 39 45.1 36.4 54.6





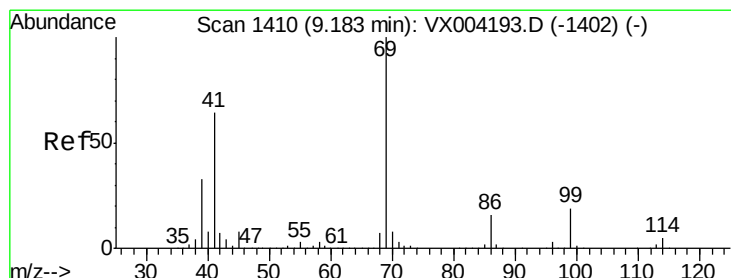
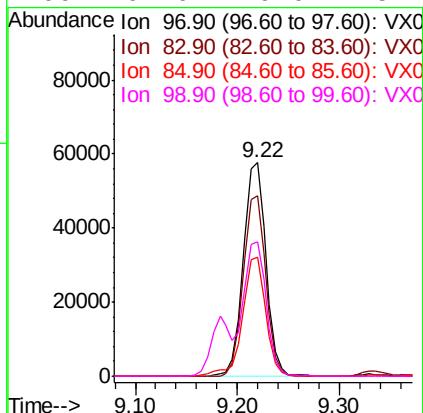
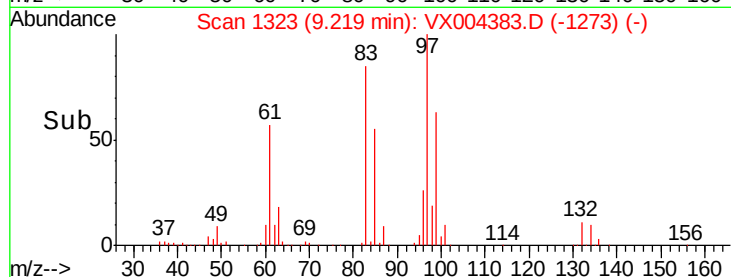
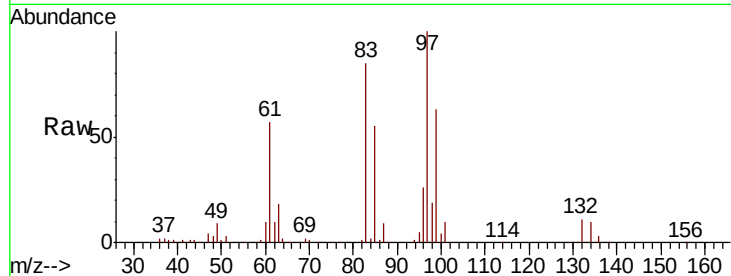
#55
 1,1,2-Trichloroethane
 Concen: 20.07 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

Tot Ion:	97	Resp:	88720
Ion	Ratio	Lower	Upper
97	100		
83	84.6	66.4	99.6
85	55.5	43.3	64.9
99	62.6	49.0	73.4

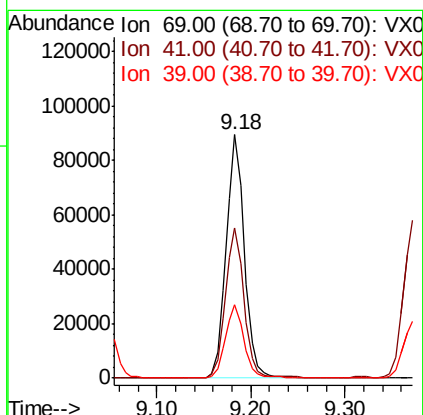
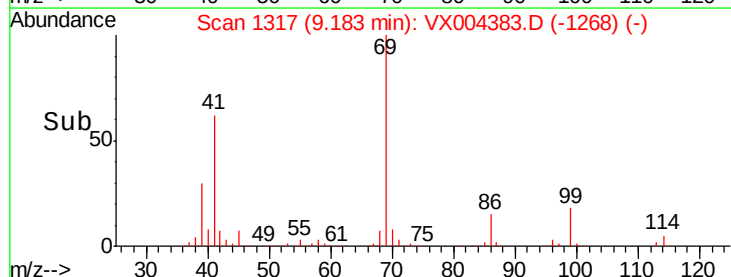
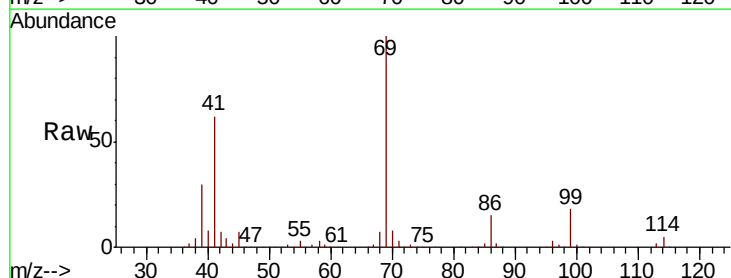
Manual Integrations
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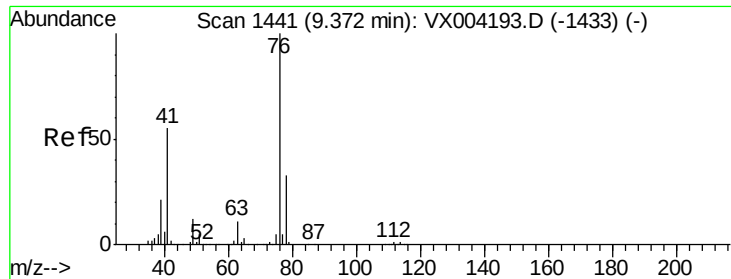
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 9/7/2018 1:42:55 PM



#56
 Ethyl methacrylate
 Concen: 19.98 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Tgt Ion:	69	Resp:	120259
Ion	Ratio	Lower	Upper
69	100		
41	62.4	51.0	76.4
39	30.4	26.1	39.1





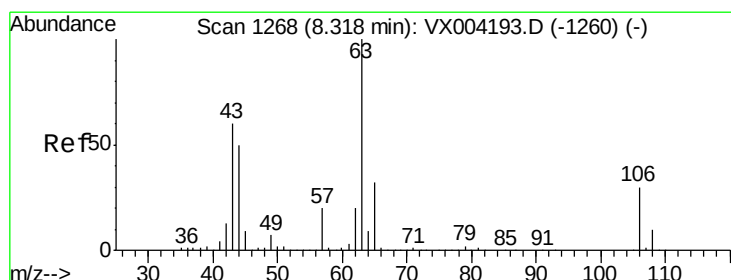
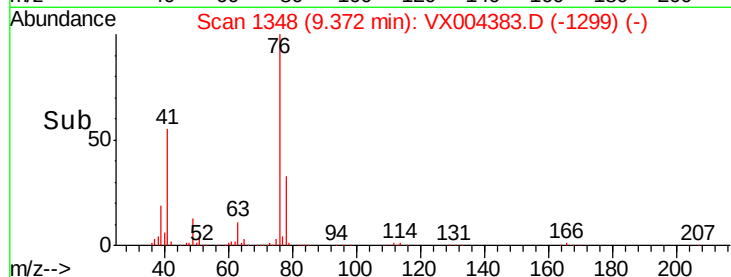
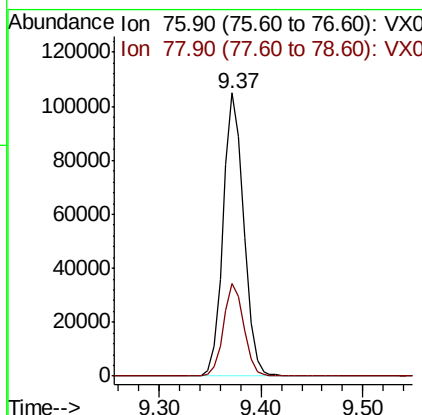
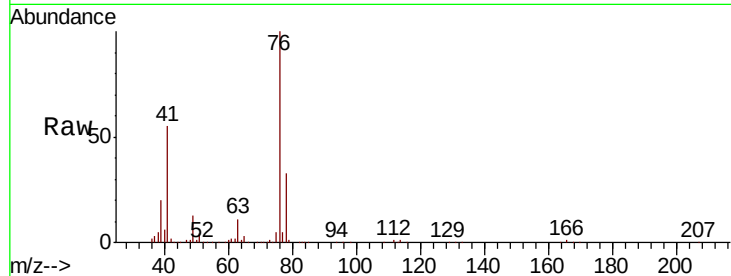
#57
 1,3-Dichloropropane
 Concen: 19.75 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.5	38.3

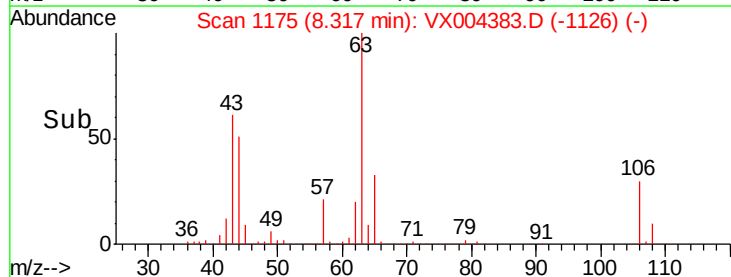
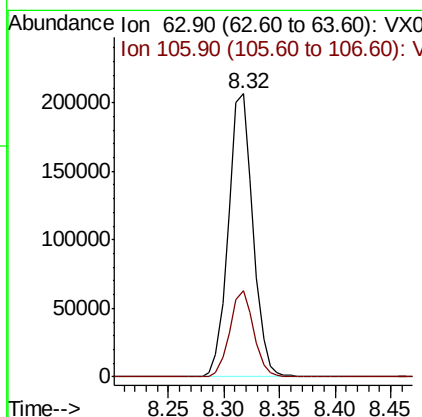
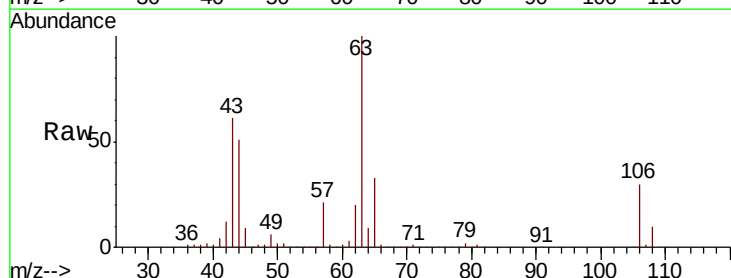
Manual Integrations
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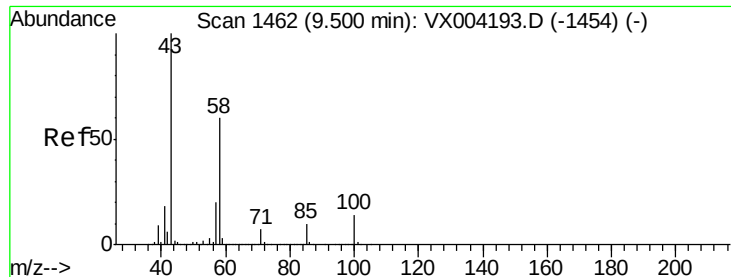
MMDadoda
 9/7/2018 1:42:55 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.01 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.9	35.9





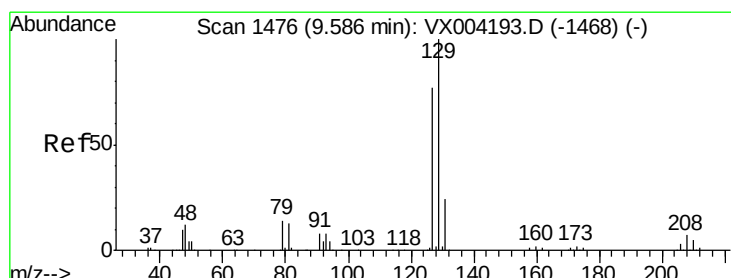
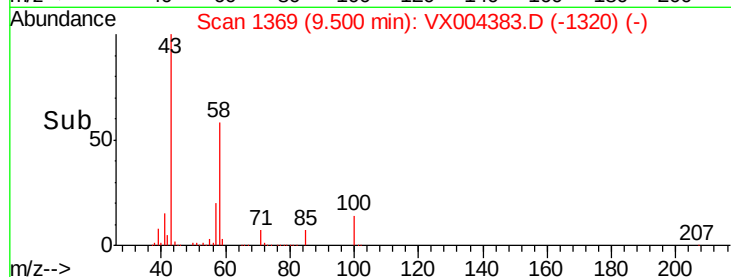
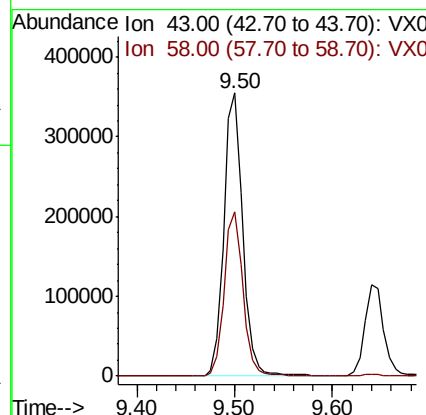
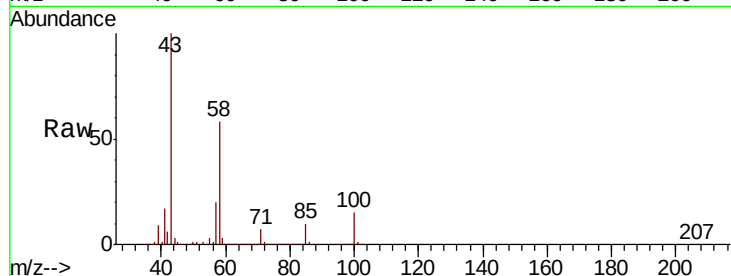
#59
2-Hexanone
Concen: 96.68 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

Tot Ion: 43 Resp: 474149
Ion Ratio Lower Upper
43 100
58 58.1 29.0 87.0

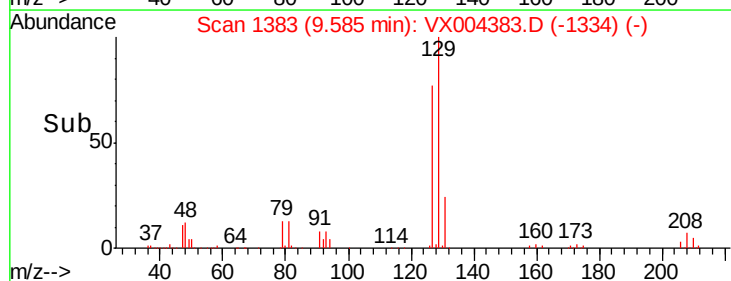
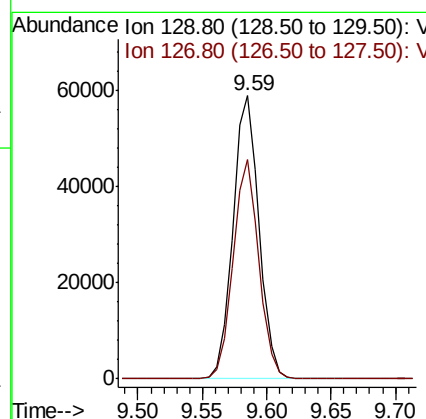
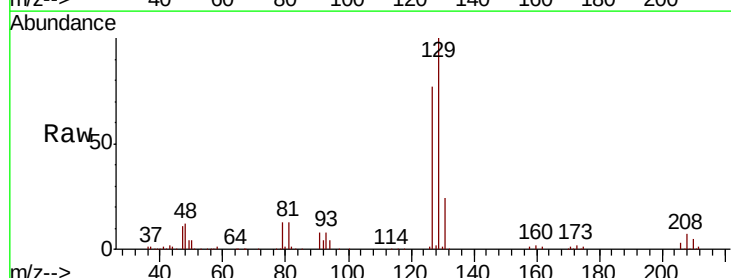
Manual Integrations
APPROVED

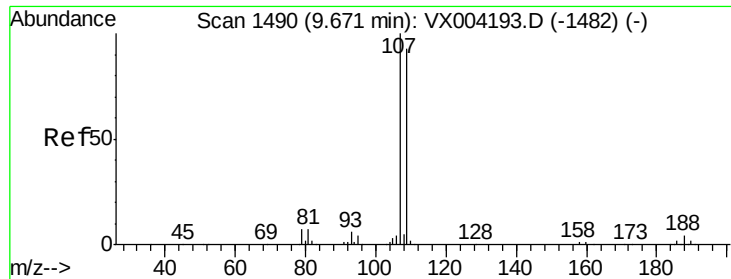
MMDadoda
9/7/2018 1:42:55 PM



#60
Dibromochloromethane
Concen: 19.38 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion: 129 Resp: 83468
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.35 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

Tot Ion: 107 Resp: 88522

Ion Ratio Lower Upper

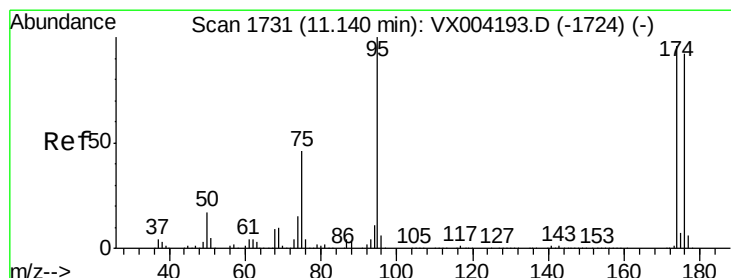
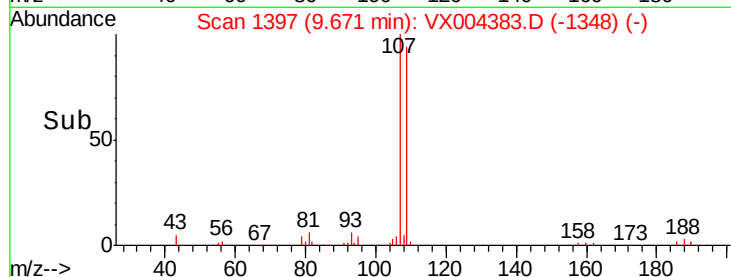
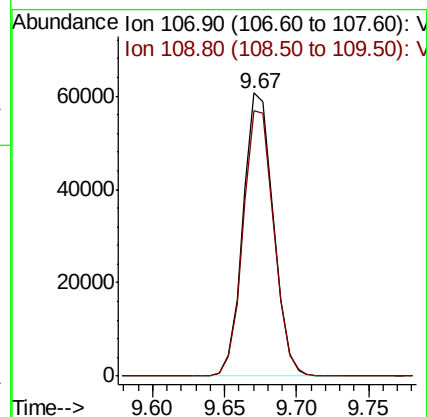
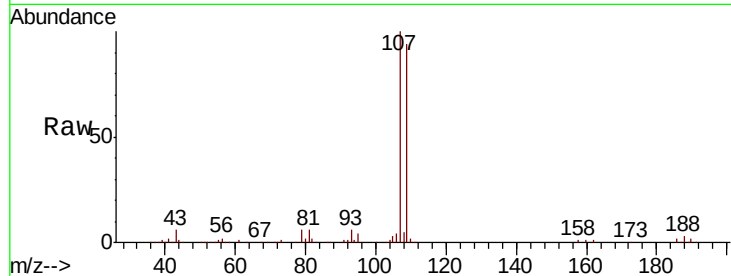
107 100

109 95.4 76.0 114.0

Manual Integrations
APPROVED

MMDadoda

9/7/2018 1:42:55 PM



#62

4-Bromofluorobenzene

Concen: 50.11 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

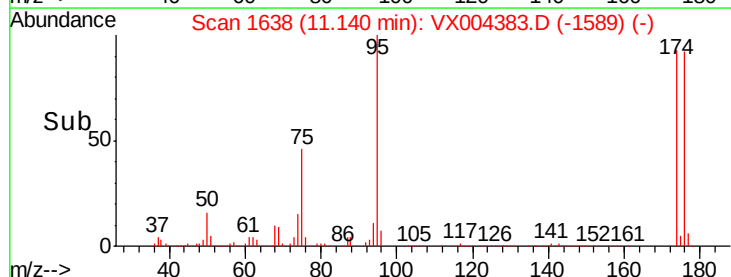
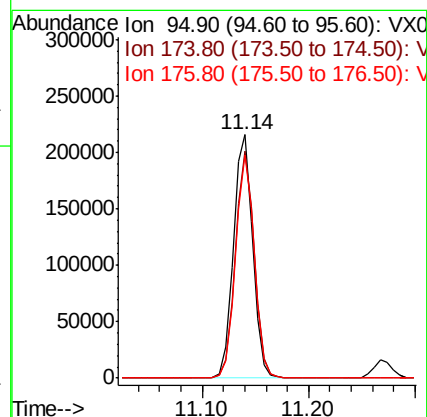
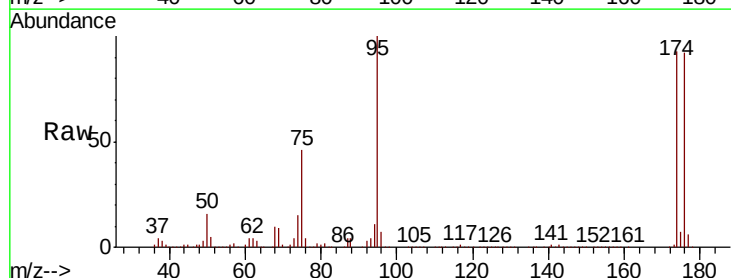
Tgt Ion: 95 Resp: 273422

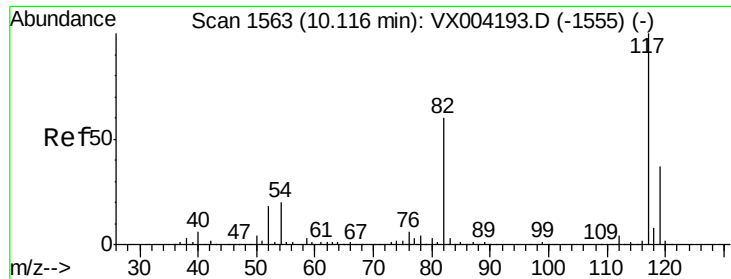
Ion Ratio Lower Upper

95 100

174 91.9 0.0 185.2

176 89.7 0.0 178.6





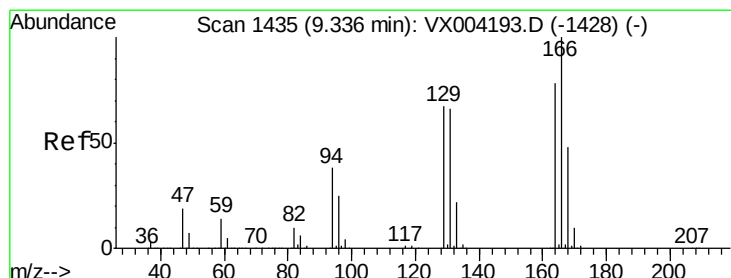
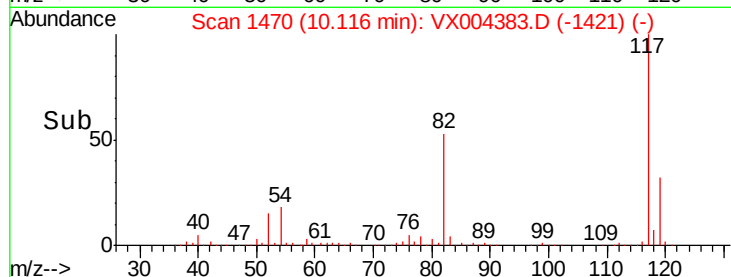
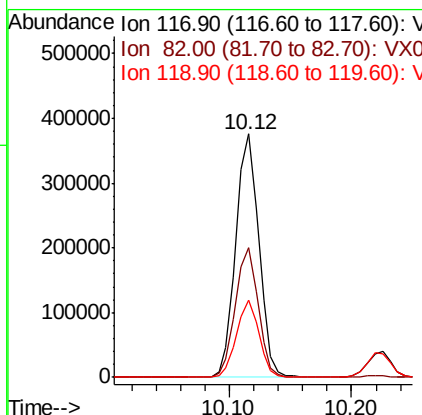
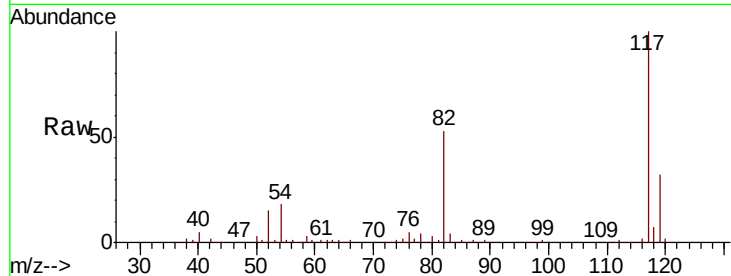
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Instrument :
MSVOA_X
ClientSampled :
VX0906MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	47.8	71.6
119	31.5	29.3	43.9

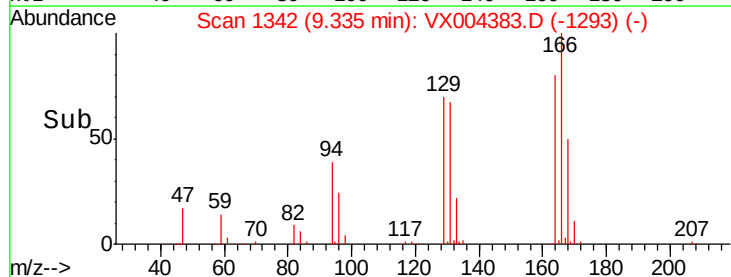
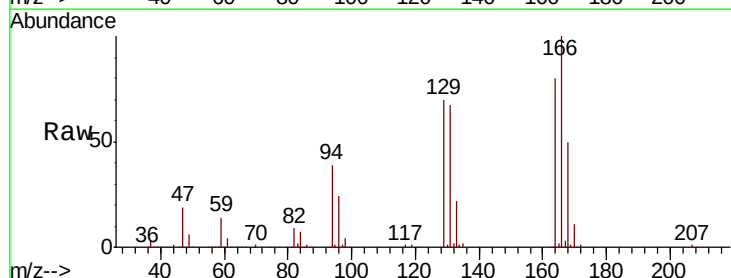
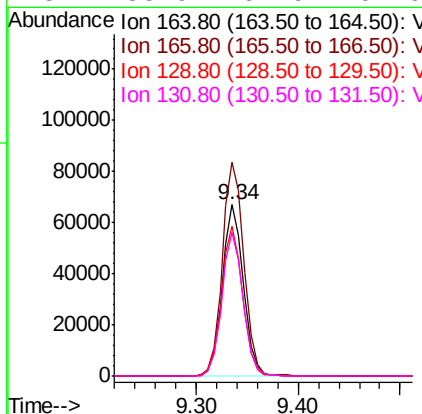
Manual Integrations
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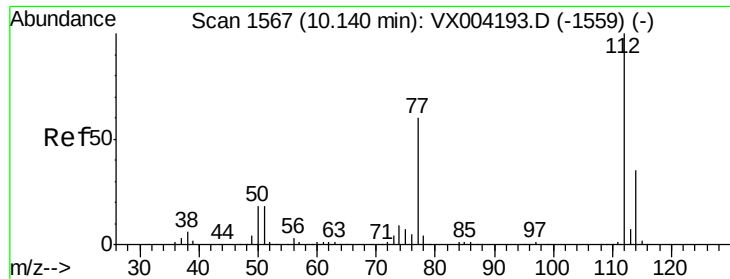
MMDadoda
9/7/2018 1:42:55 PM



#64
Tetrachloroethene
Concen: 19.81 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.9	102.8	154.2
129	87.4	69.4	104.0
131	83.9	67.9	101.9





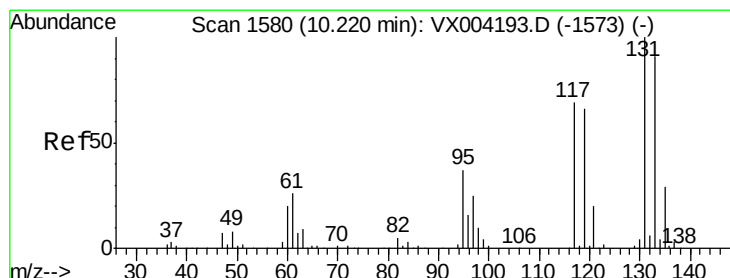
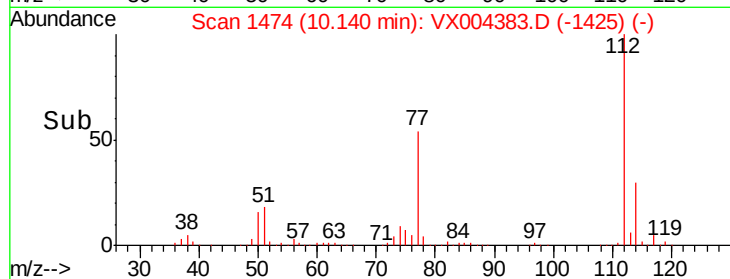
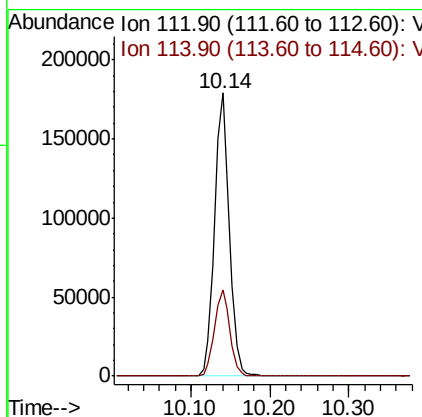
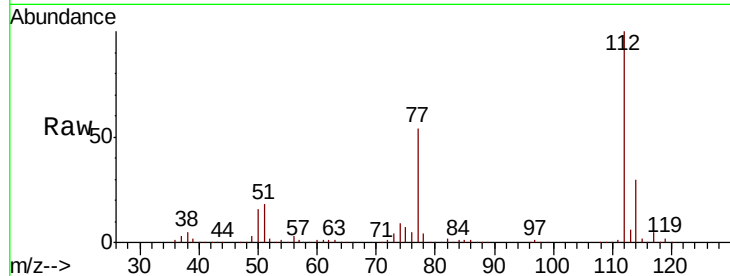
#65
Chlorobenzene
Concen: 19.02 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

Tot Ion:112 Resp: 233988
Ion Ratio Lower Upper
112 100
114 30.3 27.8 41.8

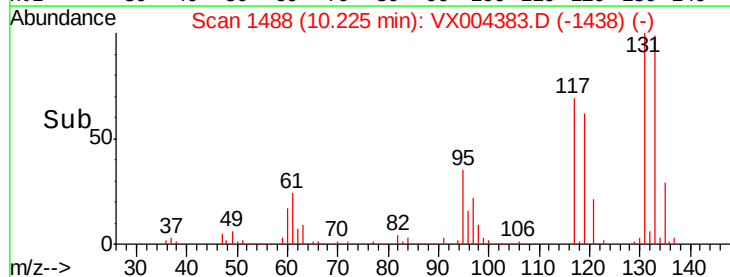
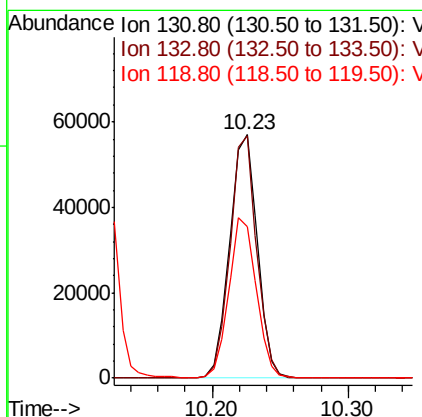
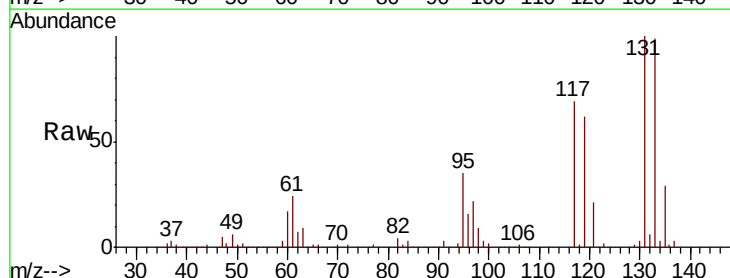
Manual Integrations
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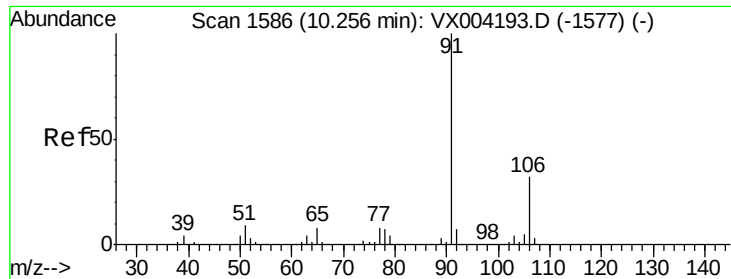
MMDadoda
9/7/2018 1:42:55 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.98 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion:131 Resp: 80506
Ion Ratio Lower Upper
131 100
133 96.0 48.1 144.4
119 65.8 32.9 98.6





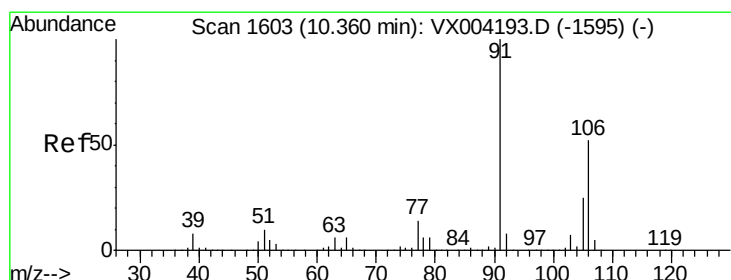
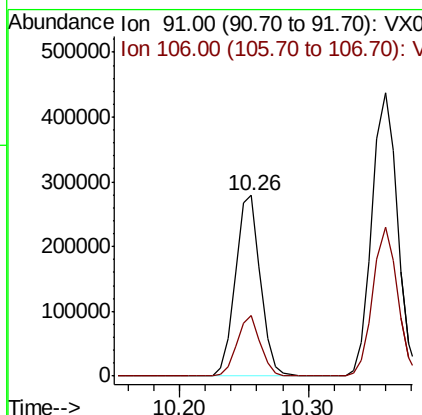
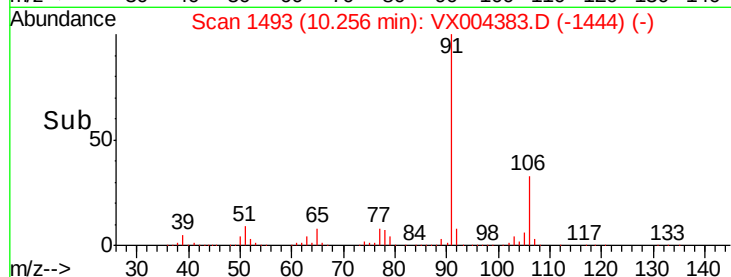
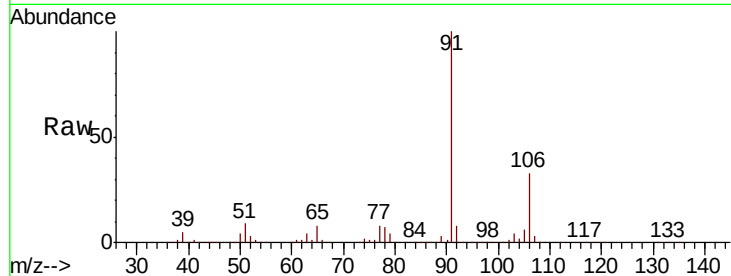
#67
Ethyl Benzene
Concen: 18.93 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Instrument :
MSVOA_X
ClientSampled :
VX0906MBS01

Tot Ion: 91 Resp: 378142
Ion Ratio Lower Upper
91 100
106 33.3 25.9 38.9

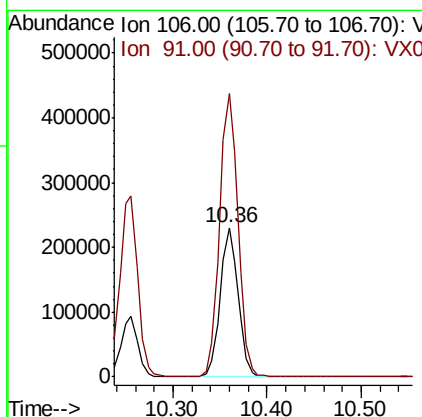
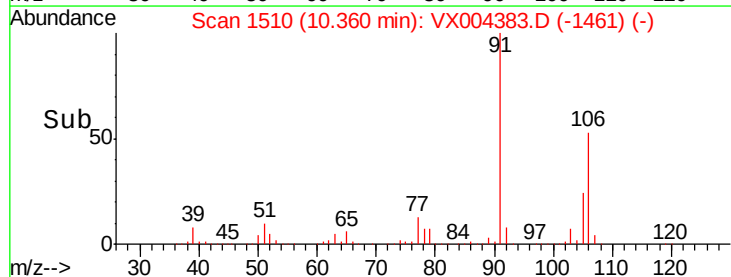
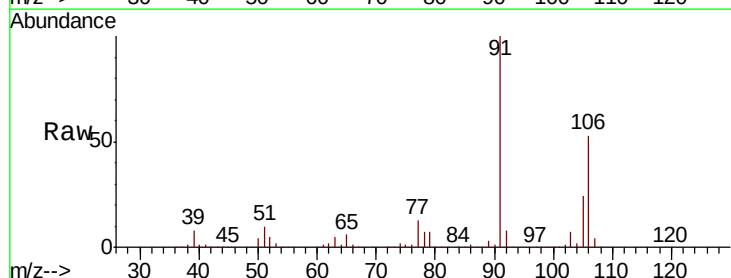
Manual Integrations
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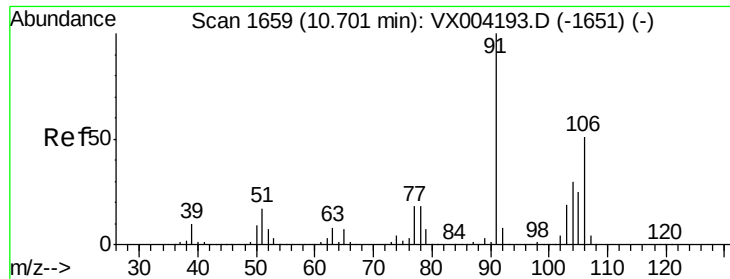
MMDadoda
9/7/2018 1:42:55 PM



#68
m/p-Xylenes
Concen: 38.91 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion: 106 Resp: 303978
Ion Ratio Lower Upper
106 100
91 195.5 157.1 235.7





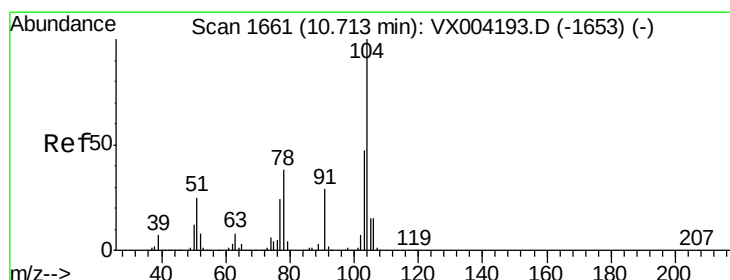
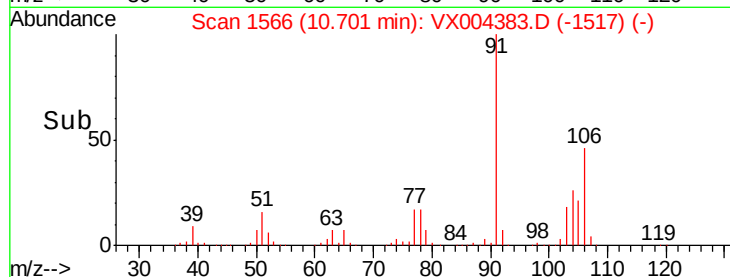
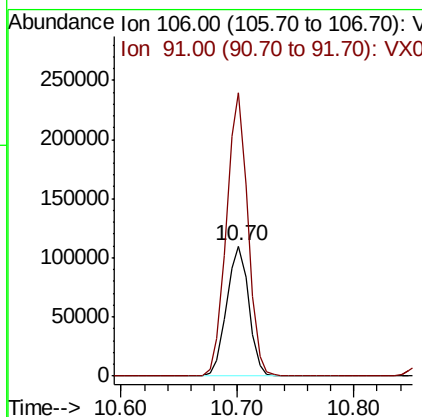
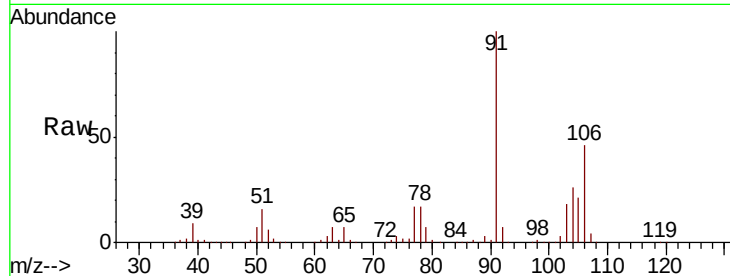
#69
o-Xylene
Concen: 19.58 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

Tot Ion:106 Resp: 144692
Ion Ratio Lower Upper
106 100
91 211.3 105.1 315.1

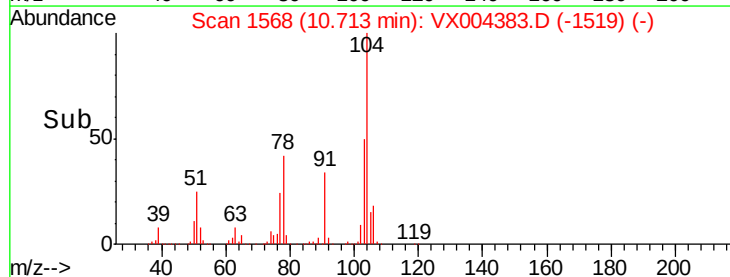
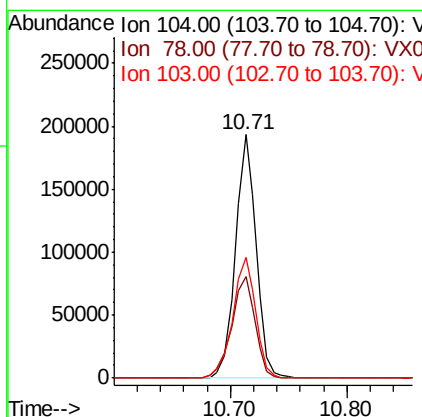
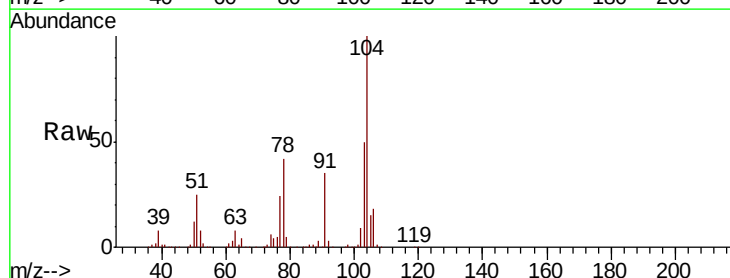
Manual Integrations
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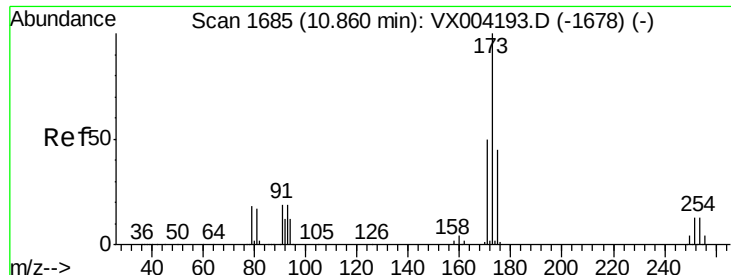
MMDadoda
9/7/2018 1:42:55 PM



#70
Styrene
Concen: 20.09 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion:104 Resp: 240307
Ion Ratio Lower Upper
104 100
78 47.5 37.4 56.0
103 54.7 43.8 65.6





#71

Bromoform

Concen: 18.84 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

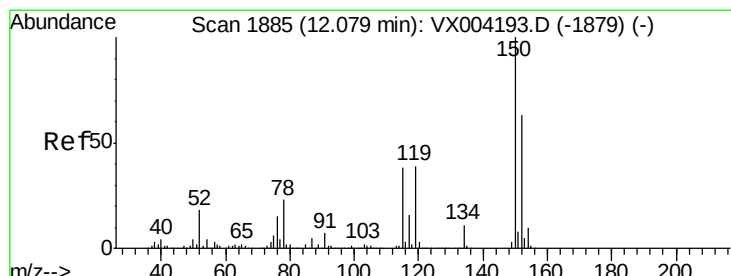
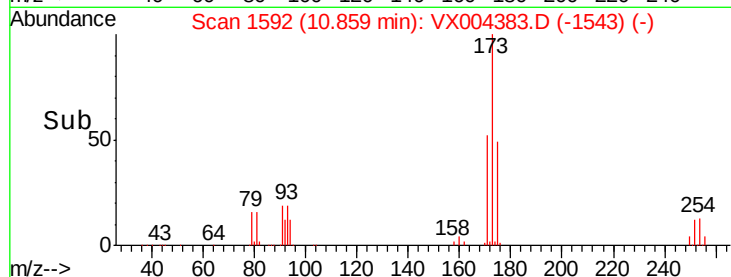
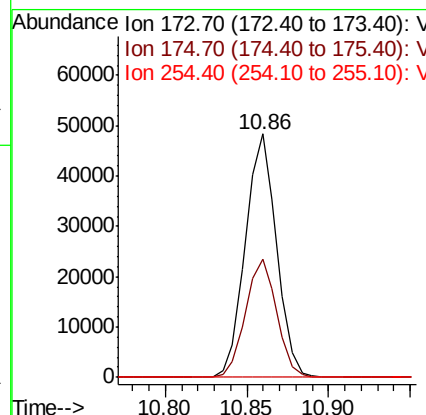
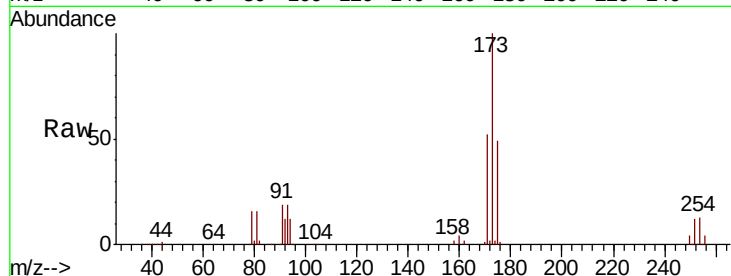
ClientSampleId :

VX0906MBS01

Tot Ion:	173	Resp:	64427
Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.1	72.3
254	0.2	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
9/7/2018 1:42:55 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

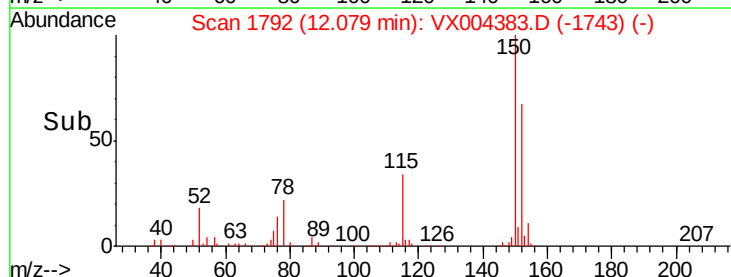
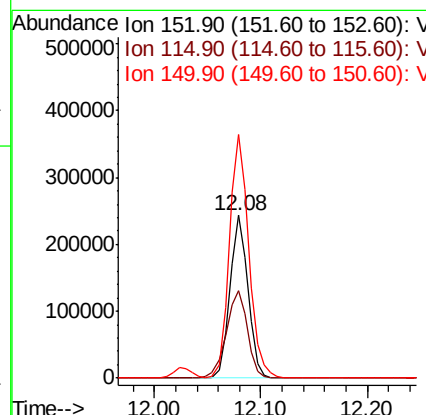
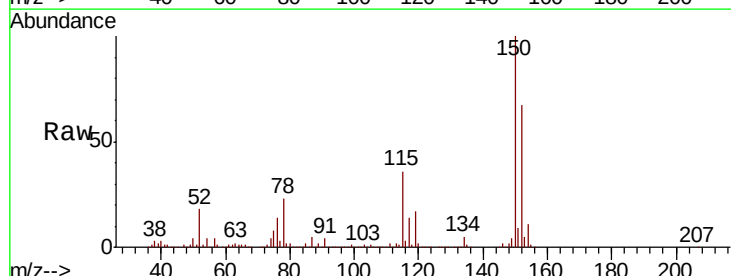
RT: 12.08 min Scan# 1792

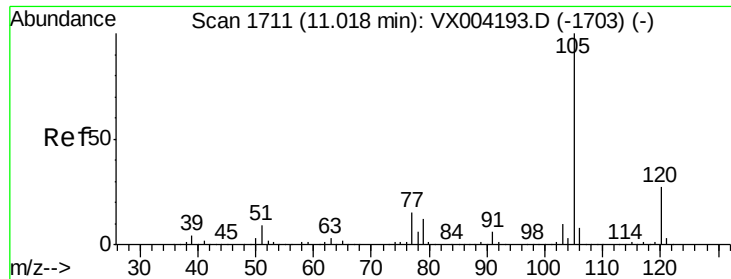
Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Tgt Ion:	152	Resp:	289095
Ion	Ratio	Lower	Upper
152	100		
115	62.4	39.0	117.0
150	160.6	0.0	351.0





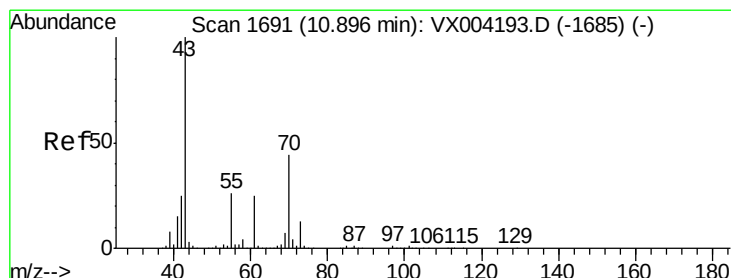
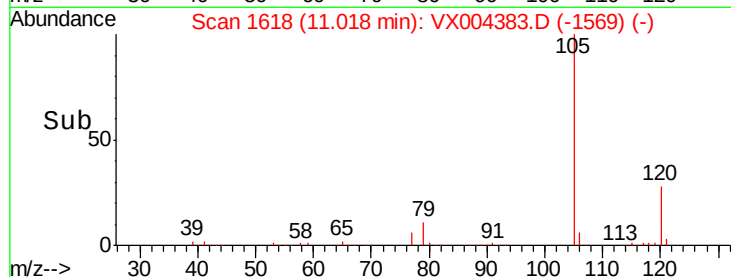
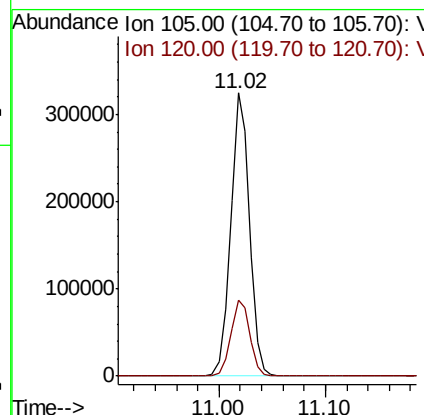
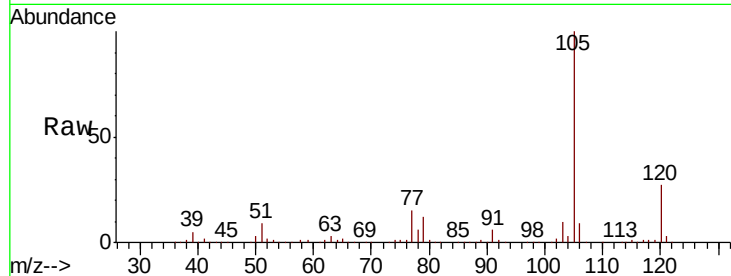
#73
Isopropylbenzene
Concen: 21.02 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

Tot Ion: 105 Resp: 399032
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4

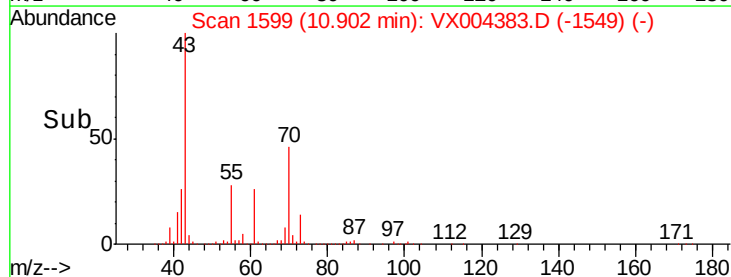
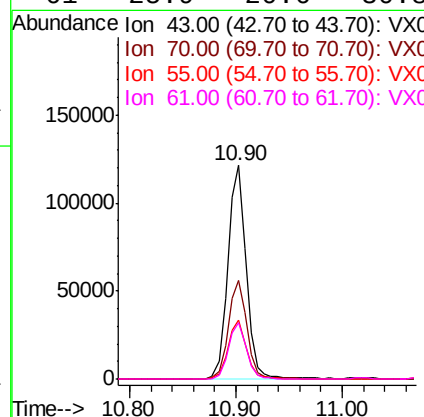
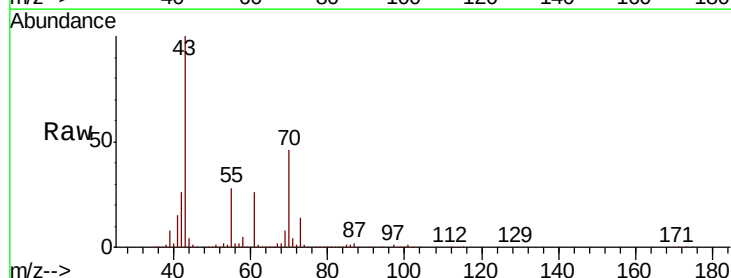
Manual Integrations
APPROVED

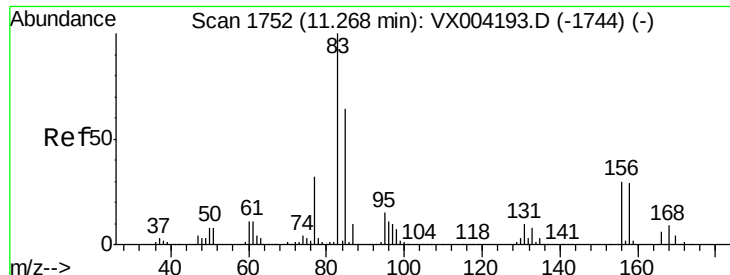
MMDadoda
9/7/2018 1:42:55 PM



#74
N-ethyl acetate
Concen: 19.99 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.01 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion: 43 Resp: 146148
Ion Ratio Lower Upper
43 100
70 46.6 37.4 56.0
55 28.0 21.8 32.8
61 25.9 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.96 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

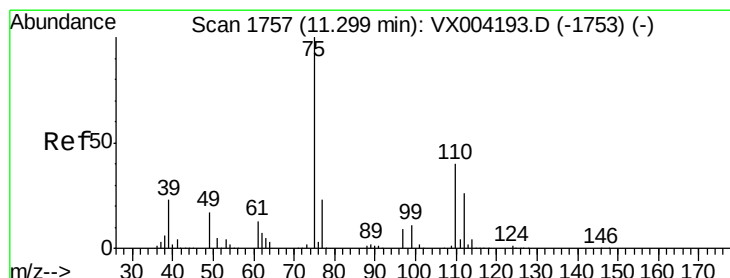
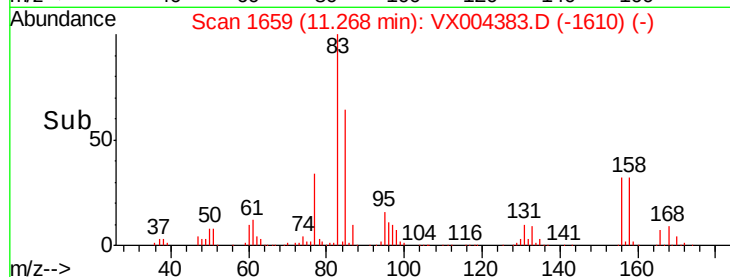
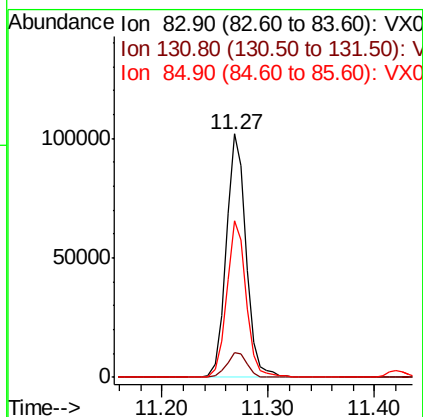
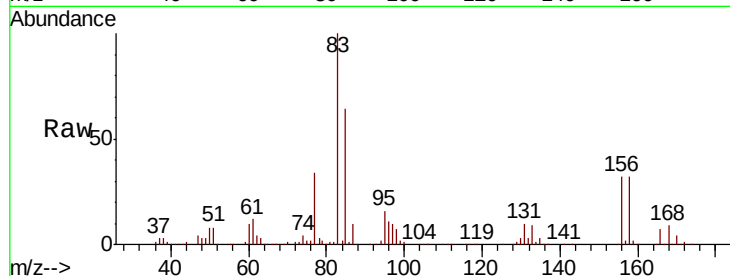
ClientSampled :

VX0906MBS01

Tot Ion:	83	Resp:	132647
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.2	15.6
85	63.3	32.3	96.8

Manual Integrations
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9/7/2018 1:42:55 PM



#76

1,2,3-Trichloropropane

Concen: 20.96 ug/l m

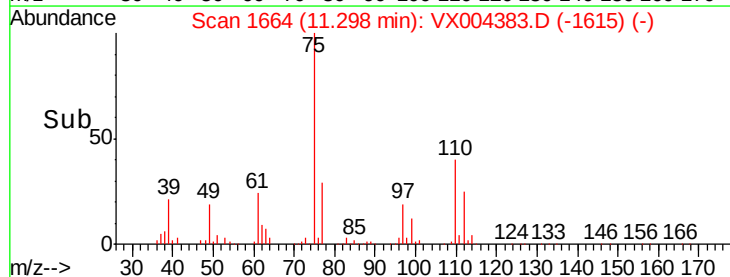
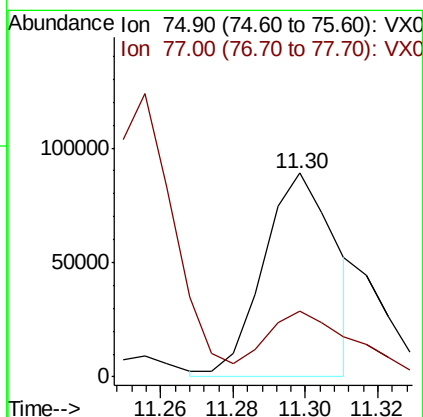
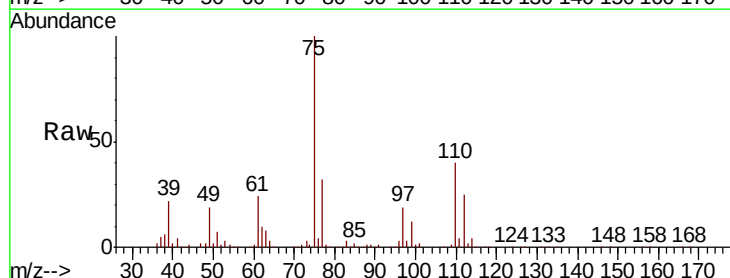
RT: 11.30 min Scan# 1664

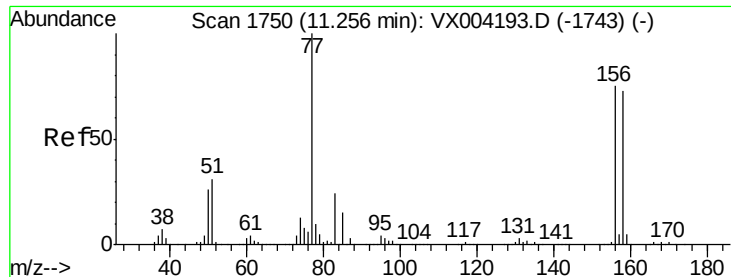
Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Tgt Ion:	75	Resp:	123214
Ion Ratio	Lower	Upper	
75	100		
77	39.6	20.2	60.6





#77

Bromobenzene

Concen: 20.37 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

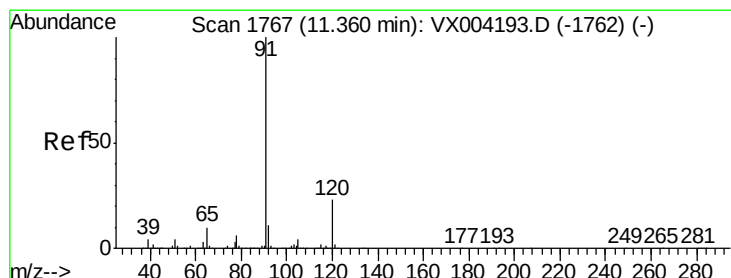
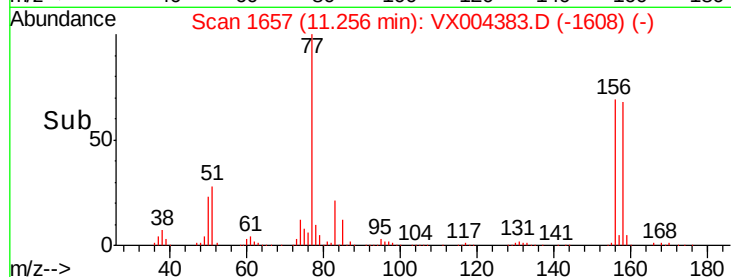
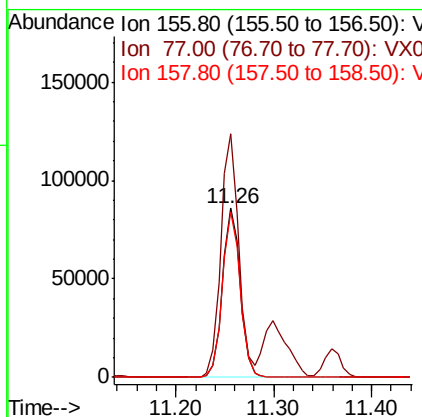
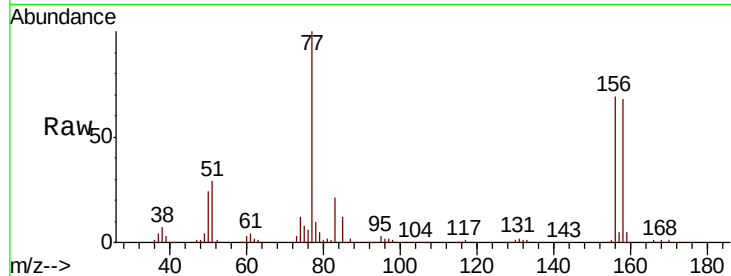
ClientSampleId :

VX0906MBS01

Tot Ion:	156	Resp:	108513
Ion Ratio	Lower	Upper	
156	100		
77	143.9	71.5	214.3
158	97.8	48.9	146.8

Manual Integrations
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#78

n-propylbenzene

Concen: 20.88 ug/l

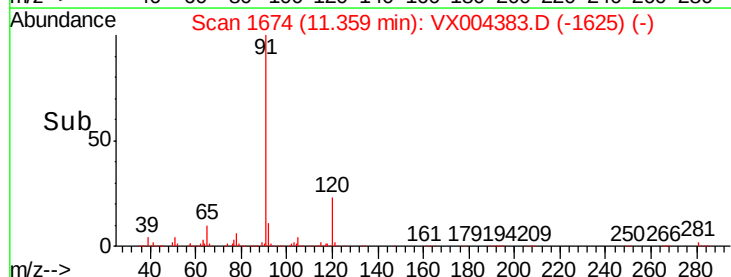
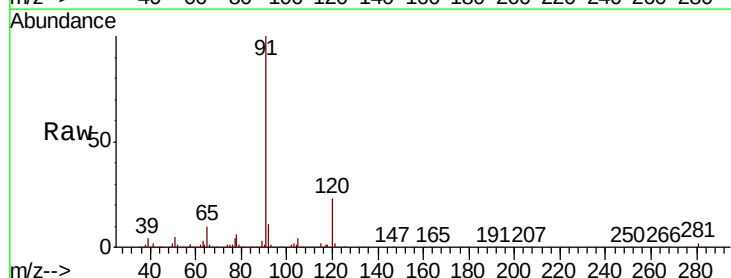
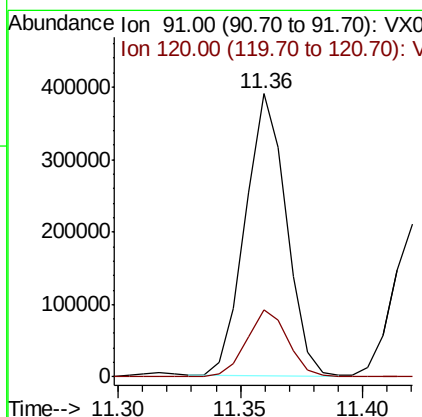
RT: 11.36 min Scan# 1674

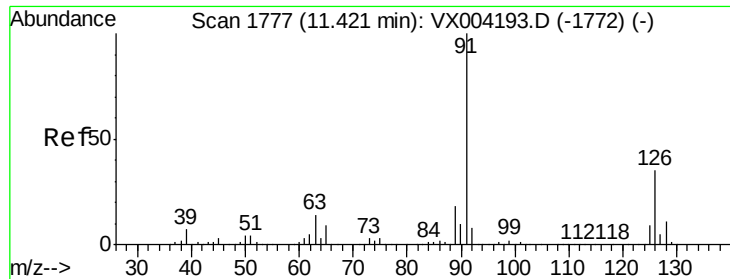
Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Tgt Ion:	91	Resp:	456008
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.9	35.9





#79

2-Chlorotoluene

Concen: 20.23 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

Tot Ion: 91 Resp: 271876

Ion Ratio Lower Upper

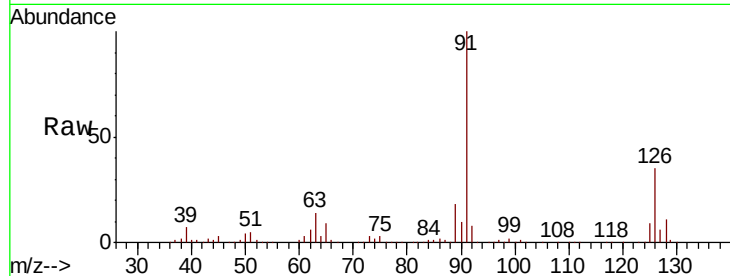
91 100

126 35.6 17.9 53.7

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Abundance Ion 91.00 (90.70 to 91.70): VX004193.D (-1772) (-)

Ion 125.90 (125.60 to 126.60): VX004193.D (-1772) (-)

400000

300000

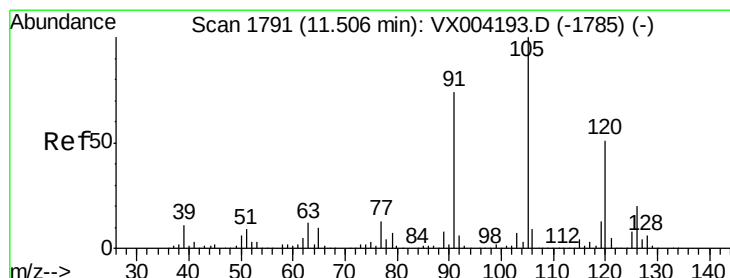
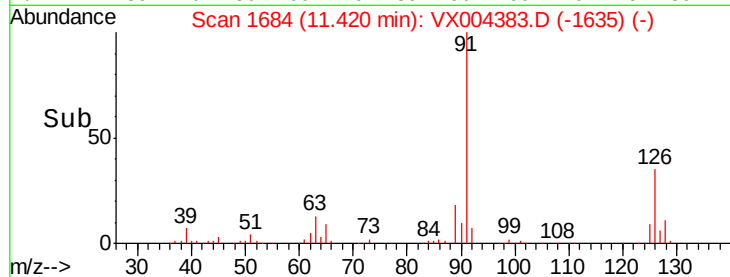
200000

100000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.65 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004383.D

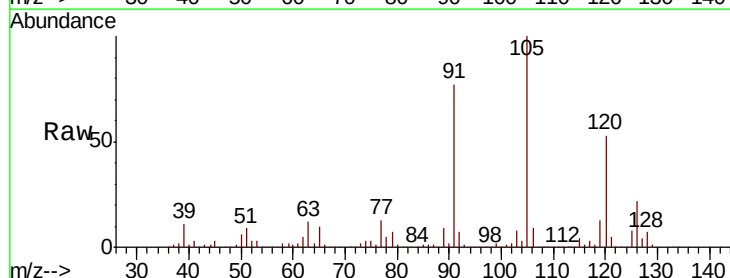
Acq: 06 Sep 2018 14:25

Tgt Ion: 105 Resp: 324772

Ion Ratio Lower Upper

105 100

120 51.7 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX004193.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX004193.D (-1785) (-)

300000

250000

200000

150000

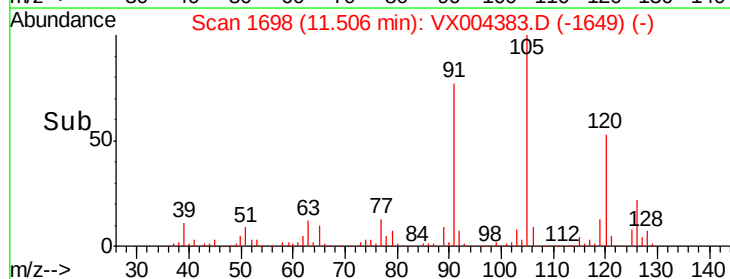
100000

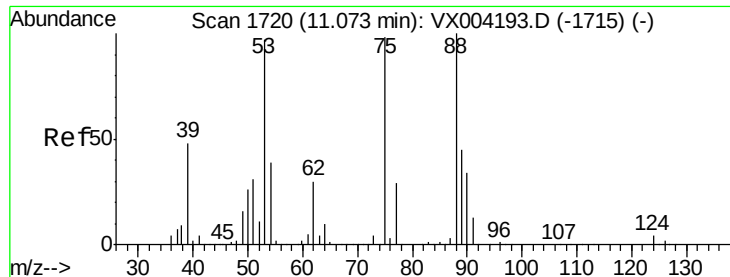
50000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.51 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0906MBS01

Tot Ion: 75 Resp: 35364

Ion Ratio Lower Upper

75 100

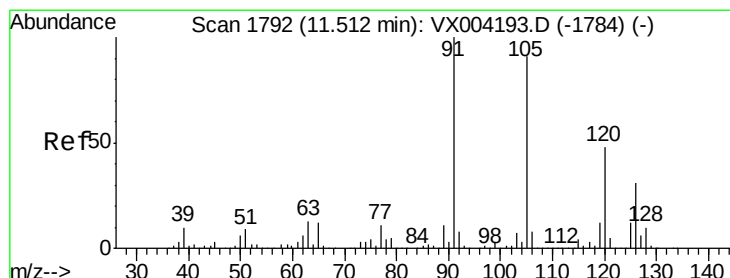
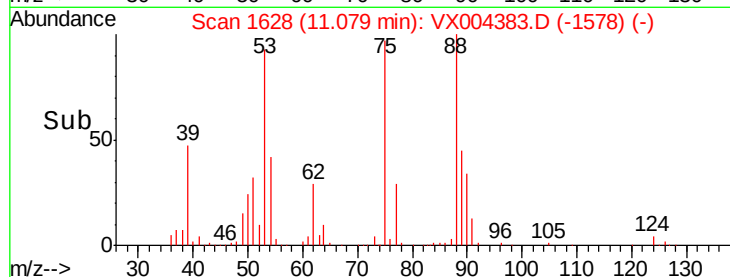
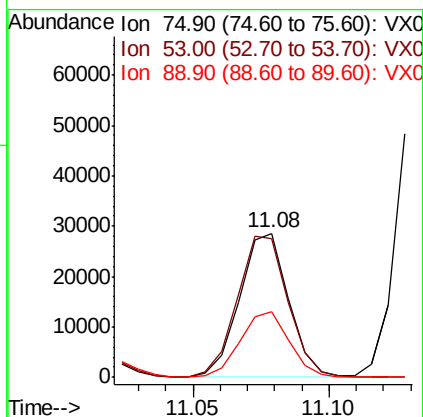
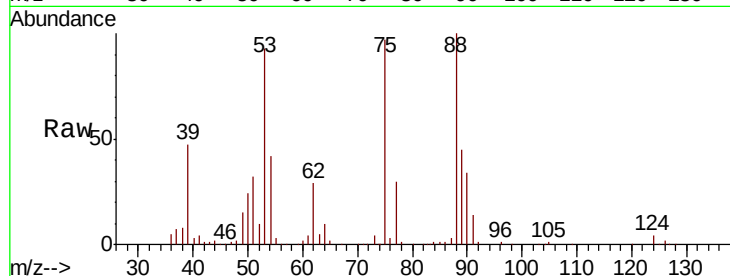
53 103.8 80.1 120.1

89 46.1 37.2 55.8

Manual Integrations
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9/7/2018 1:42:55 PM



#82

4-Chlorotoluene

Concen: 20.02 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004383.D

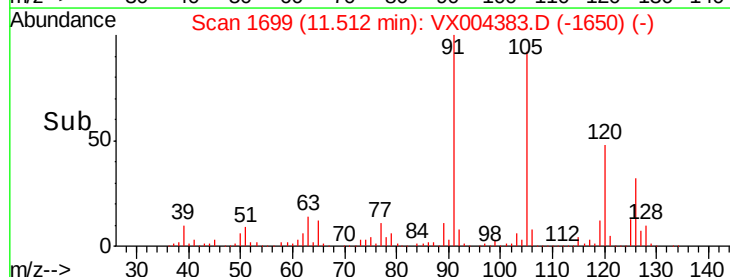
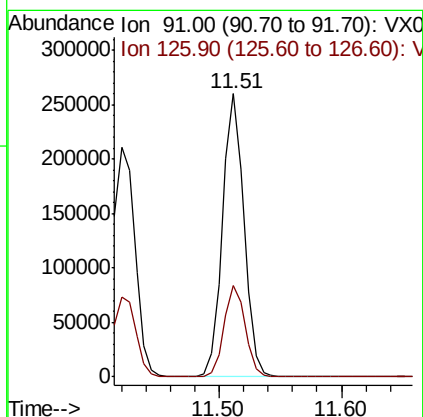
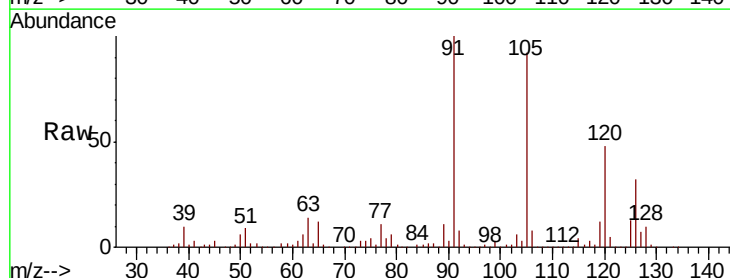
Acq: 06 Sep 2018 14:25

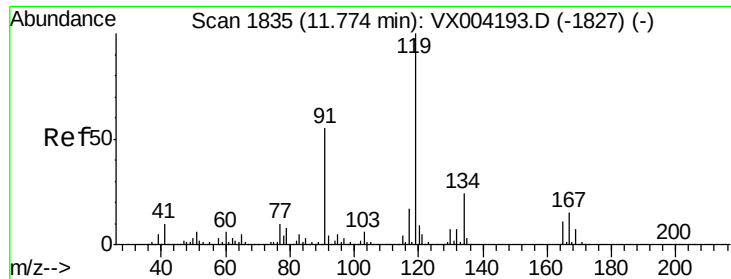
Tgt Ion: 91 Resp: 316633

Ion Ratio Lower Upper

91 100

126 31.9 15.5 46.5





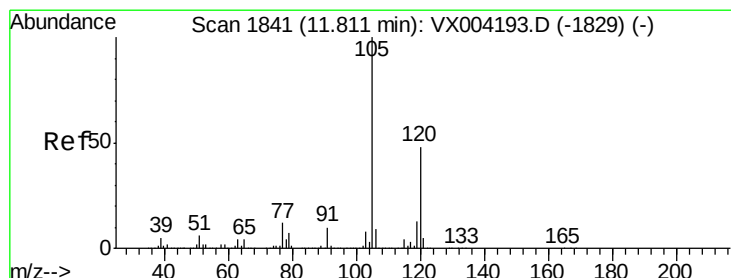
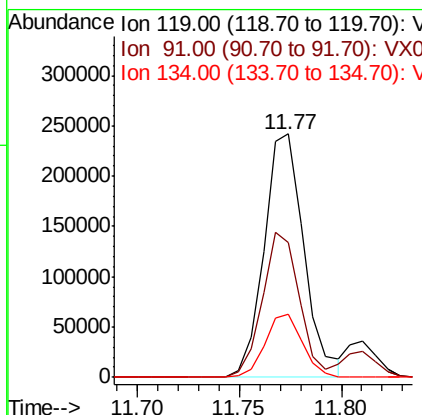
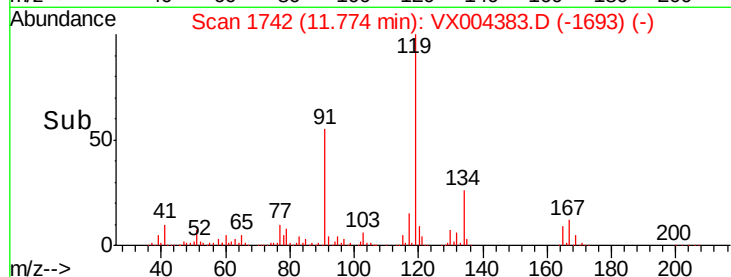
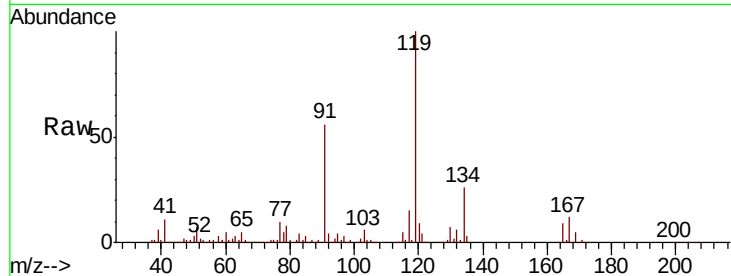
#83
 tert-Butylbenzene
 Concen: 20.87 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	330096		
91	55.3		27.0	81.0
134	24.5		11.7	35.1

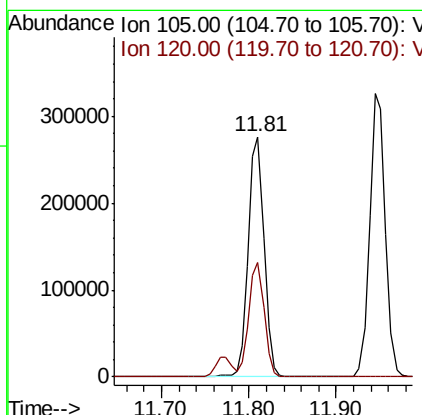
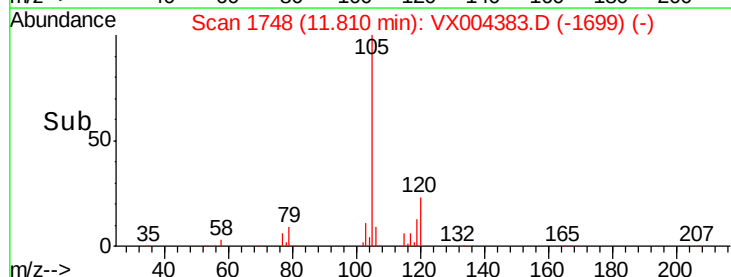
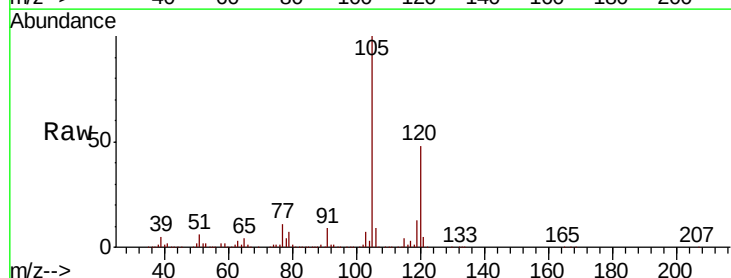
Manual Integrations
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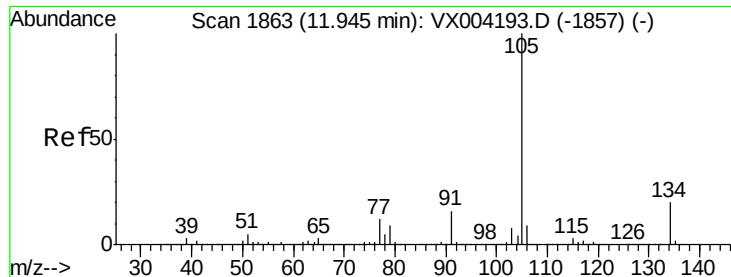
MMDadoda
 9/7/2018 1:42:55 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 21.30 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	343859		
120	46.4		23.2	69.6





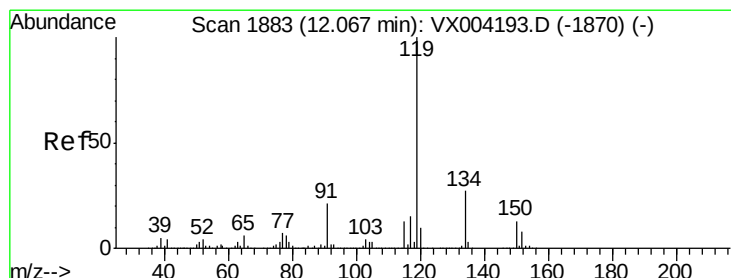
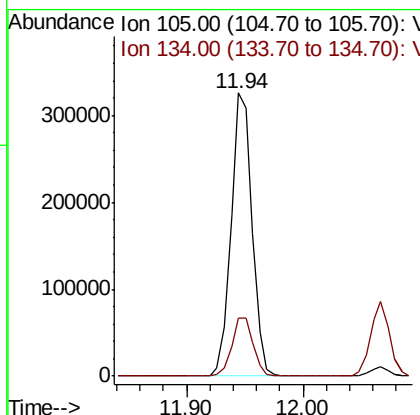
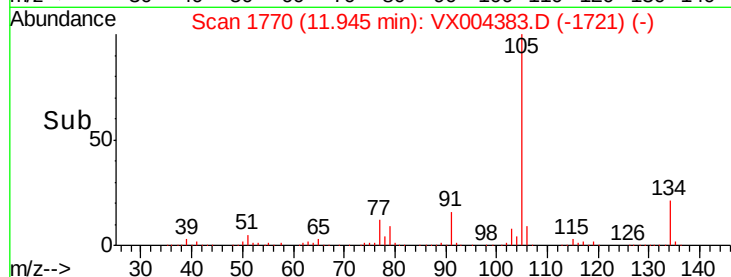
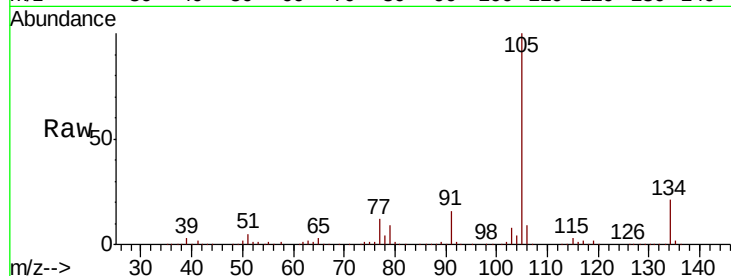
#85
 sec-Butylbenzene
 Concen: 21.70 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.5	31.5

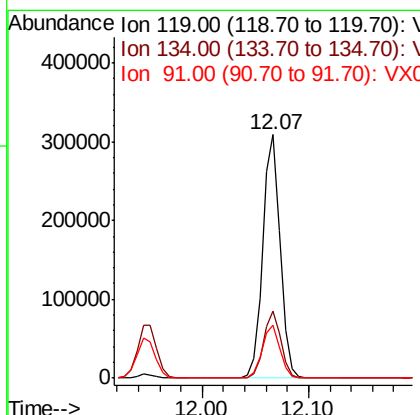
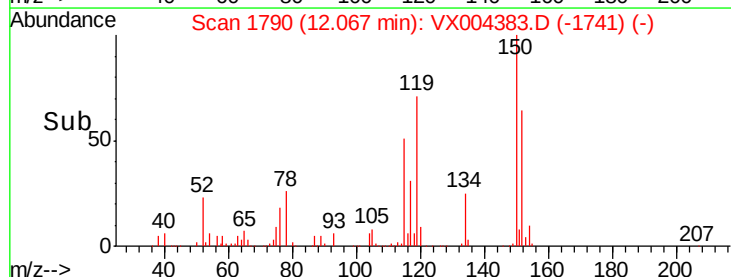
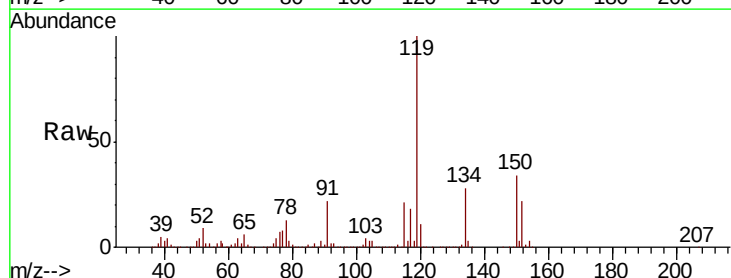
Manual Integrations
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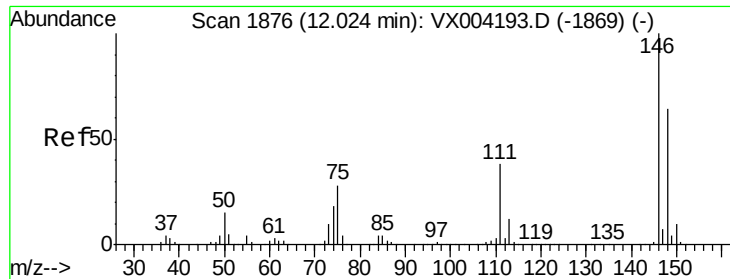
MMDadoda
 9/7/2018 1:42:55 PM



#86
 p-Isopropyltoluene
 Concen: 21.04 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.4	40.2
91	22.3	10.9	32.7





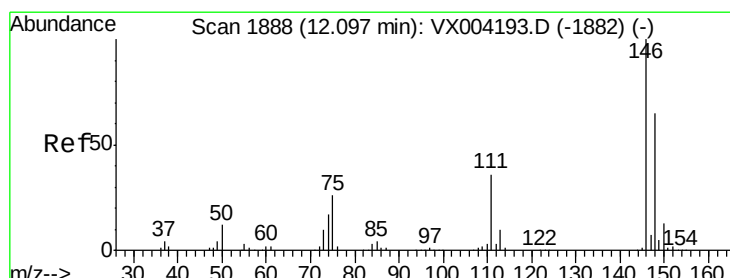
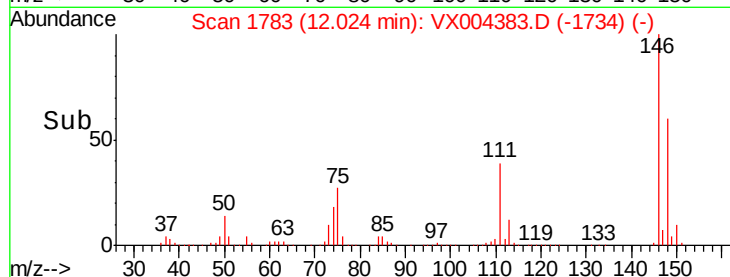
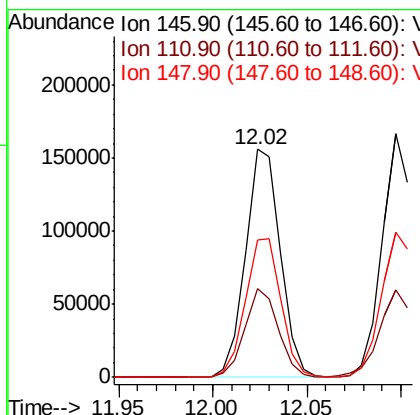
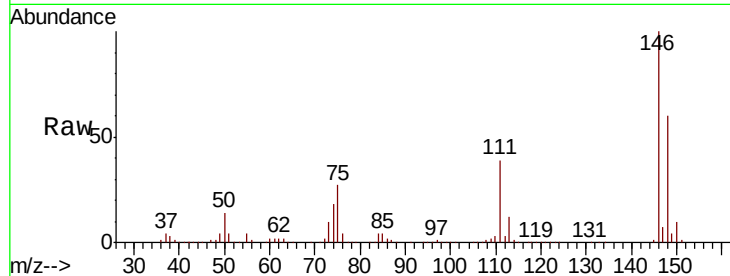
#87
 1,3-Dichlorobenzene
 Concen: 19.95 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	62.2	32.1	96.5

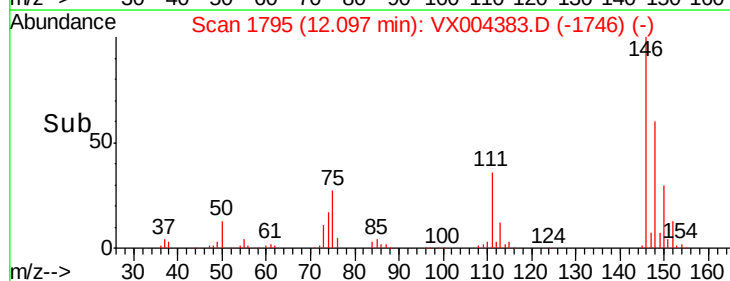
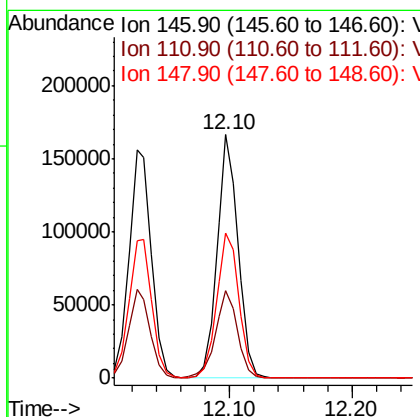
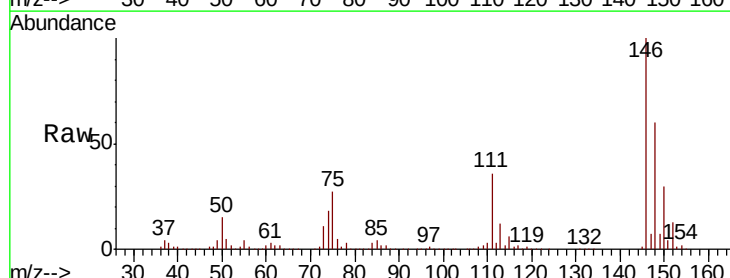
Manual Integrations
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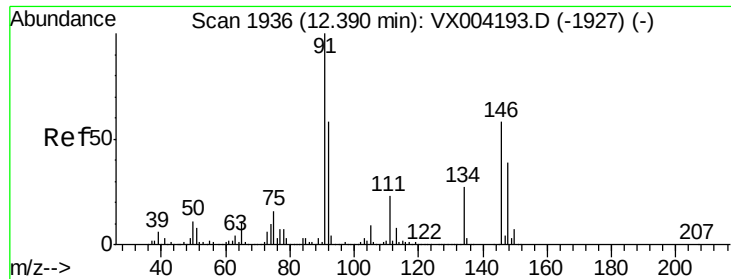
MMDadoda
 9/7/2018 1:42:55 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.76 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.1	54.1
148	63.3	32.0	96.0





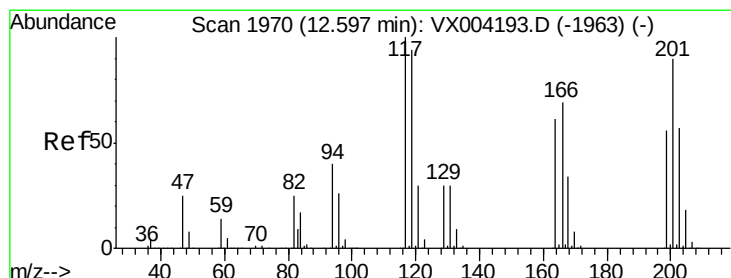
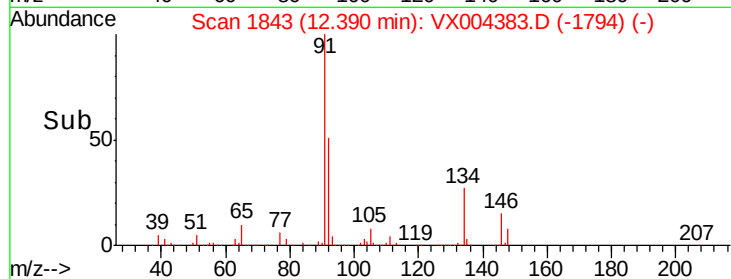
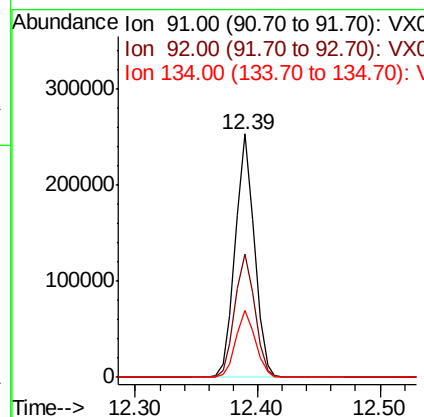
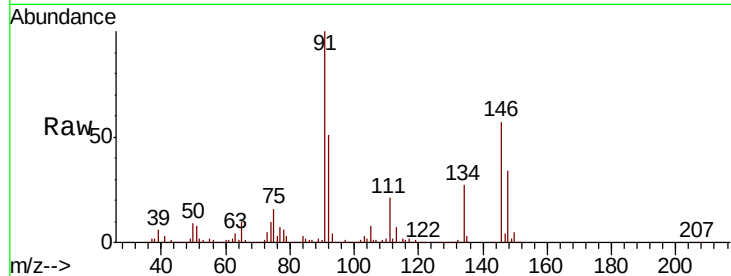
#89
n-Butylbenzene
Concen: 19.92 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	272719		
92	53.2	27.3	81.9	
134	27.9	13.6	40.7	

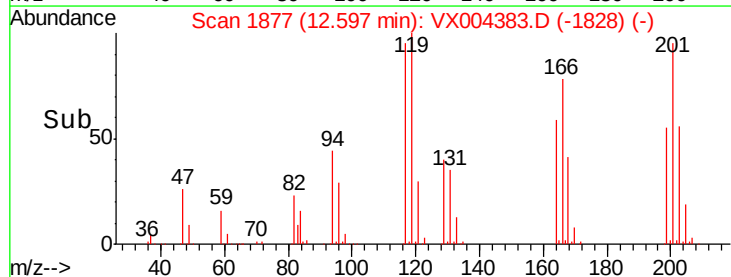
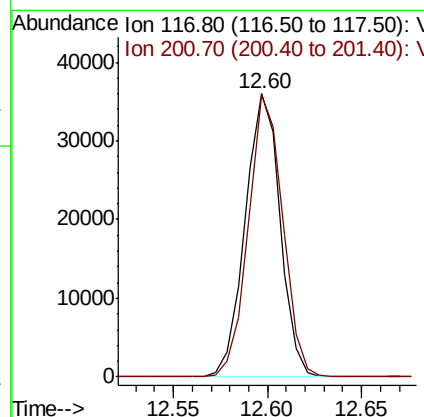
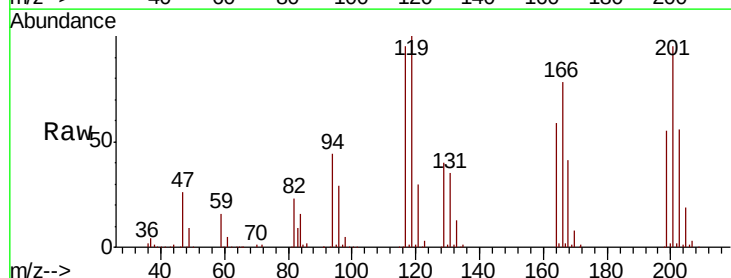
Manual Integrations
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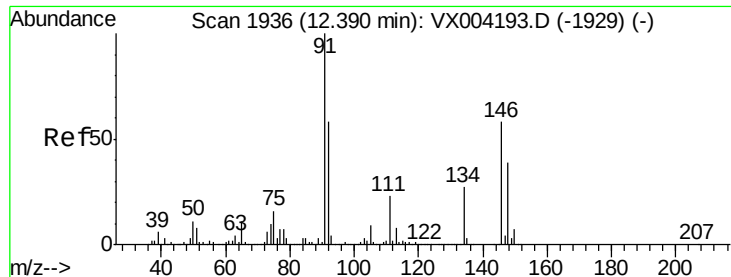
MMDadoda
9/7/2018 1:42:55 PM



#90
Hexachloroethane
Concen: 19.63 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	46178		
201	97.8	46.9	140.6	





#91

1,2-Dichlorobenzene

Concen: 19.90 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Instrument :

MSVOA_X

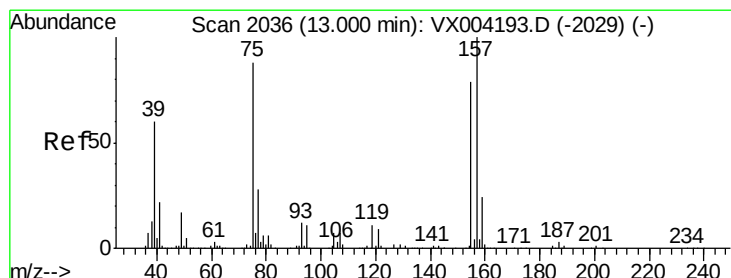
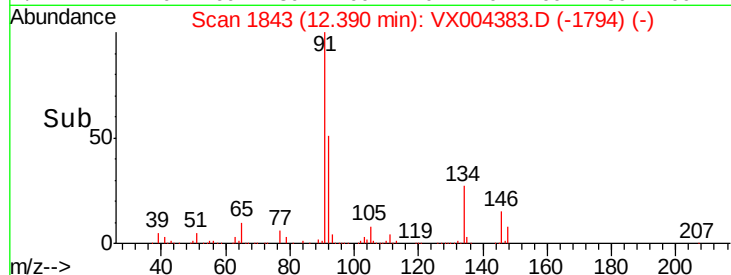
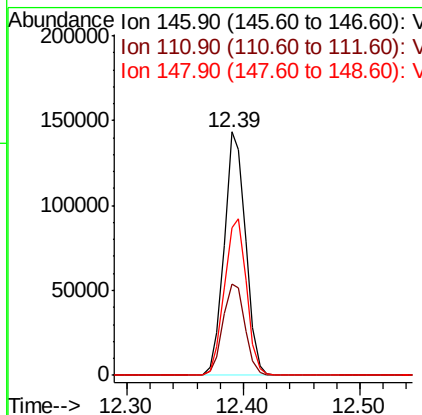
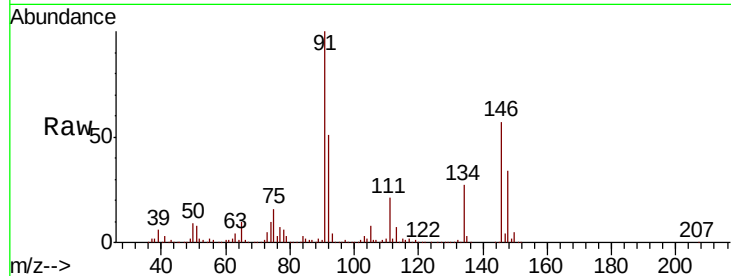
ClientSampleId :

VX0906MBS01

Tot Ion:	146	Resp:	182415
Ion Ratio	Lower	Upper	
146	100		
111	38.7	19.4	58.1
148	66.3	32.8	98.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.35 ug/l

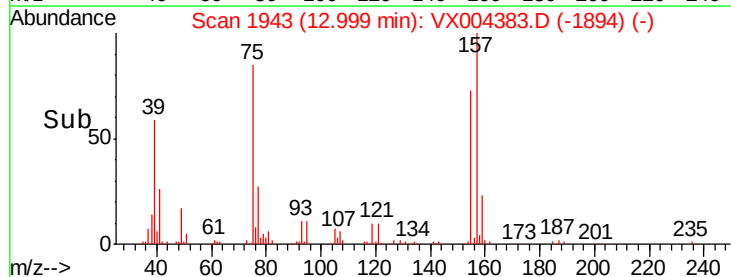
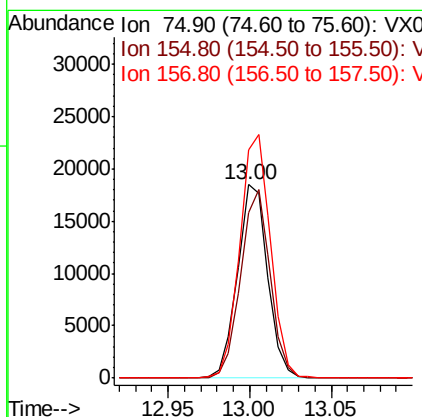
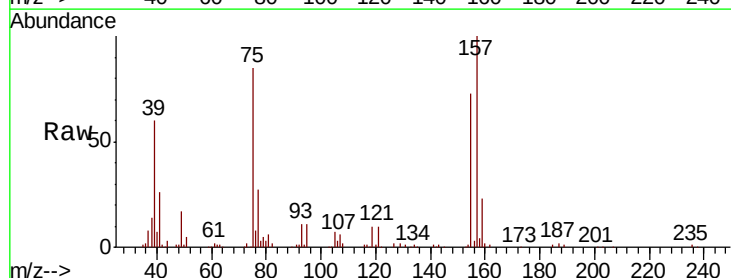
RT: 13.00 min Scan# 1943

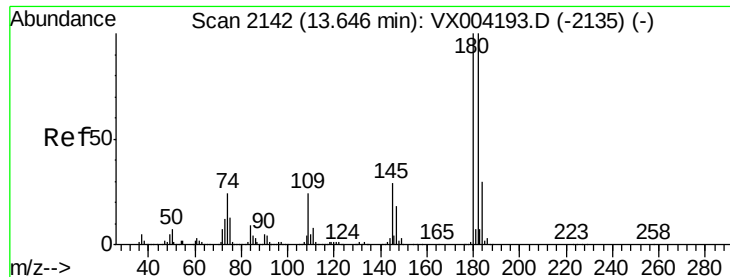
Delta R.T. -0.00 min

Lab File: VX004383.D

Acq: 06 Sep 2018 14:25

Tgt Ion:	75	Resp:	23815
Ion Ratio	Lower	Upper	
75	100		
155	95.3	48.0	144.2
157	128.1	61.4	184.1





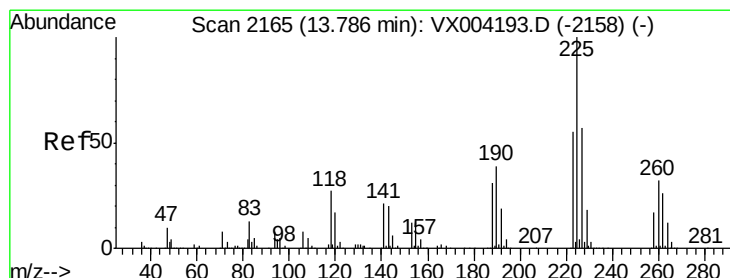
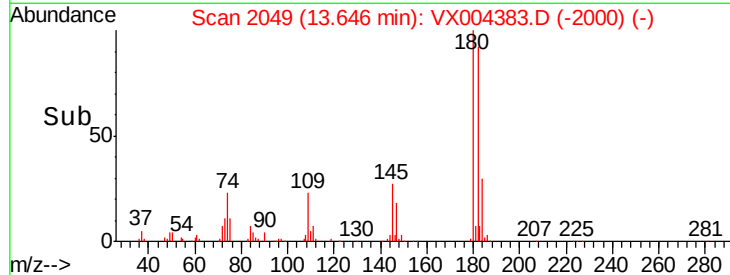
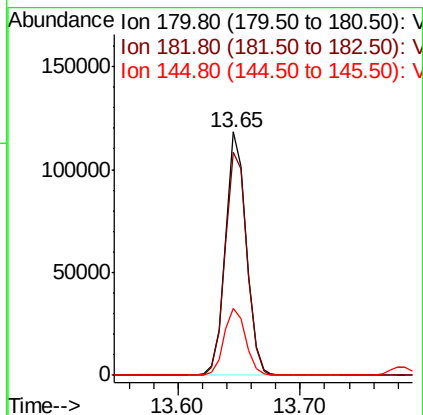
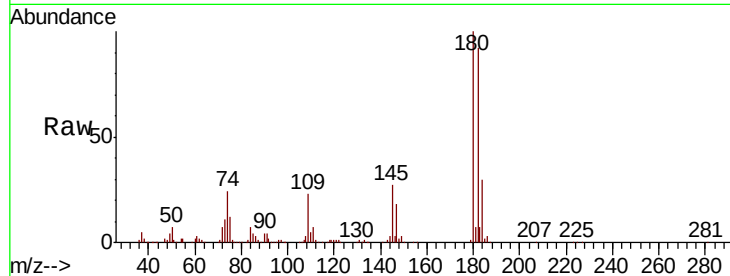
#93
 1,2,4-Trichlorobenzene
 Concen: 20.79 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	138655		
182	95.8	48.4	145.0	
145	28.6	14.3	42.9	

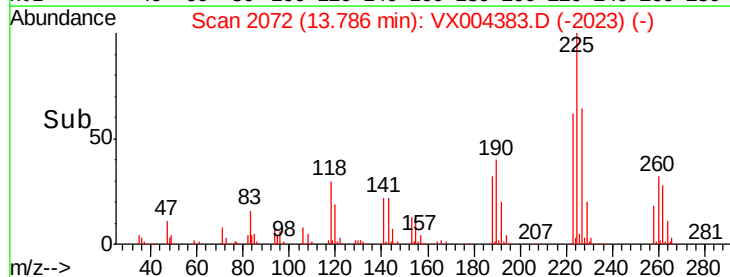
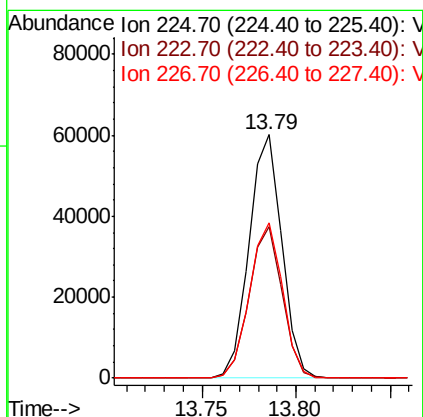
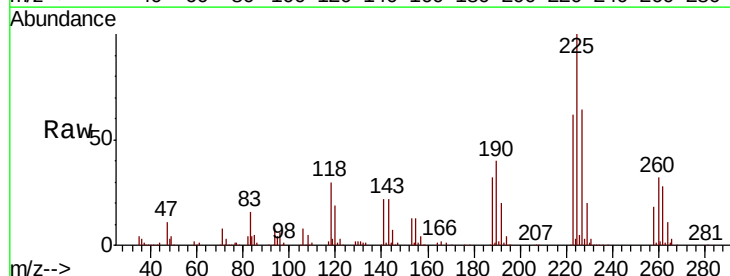
Manual Integrations
 APPROVED

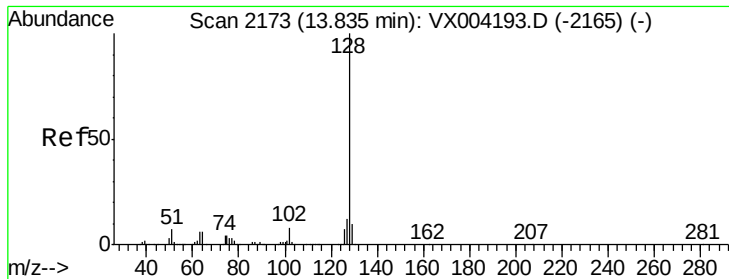
MMDadoda
 9/7/2018 1:42:55 PM



#94
 Hexachlorobutadiene
 Concen: 23.35 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004383.D
 Acq: 06 Sep 2018 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	72665		
223	62.5	30.1	90.5	
227	64.2	30.8	92.4	





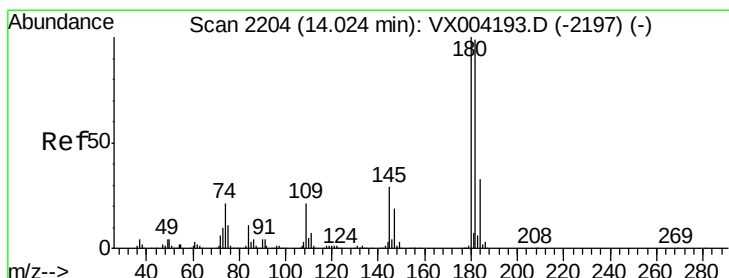
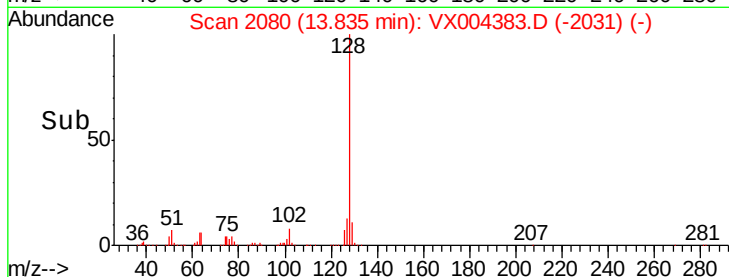
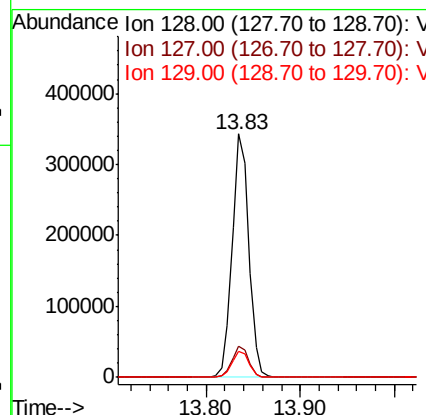
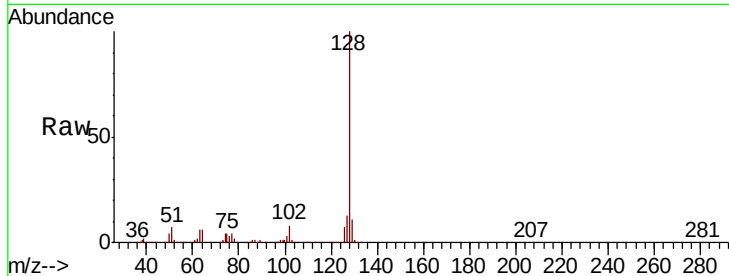
#95
Naphthalene
Concen: 22.33 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0906MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/7/2018 1:42:55 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.22 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004383.D
Acq: 06 Sep 2018 14:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.5	145.6
145	29.5	14.9	44.9

