

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072518\
 Data File : VX003655.D
 Acq On : 25 Jul 2018 13:39
 Operator : JC/SP
 Sample : VX0725MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 5:29:43 PM

Quant Time: Jul 27 04:14:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	90059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	147570	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	145652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	93947	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	74256	55.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.32%	
35) Dibromofluoromethane	5.51	113	58288	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
50) Toluene-d8	8.72	98	250956	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	
62) 4-Bromofluorobenzene	11.14	95	81931	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	22315	21.76	ug/l	98
3) Chloromethane	1.32	50	31658	23.43	ug/l	99
4) Vinyl Chloride	1.40	62	33635	24.34	ug/l	98
5) Bromomethane	1.64	94	22253	33.35	ug/l	97
6) Chloroethane	1.72	64	21332	21.95	ug/l	97
7) Trichlorofluoromethane	1.93	101	43075	24.22	ug/l	99
8) Diethyl Ether	2.19	74	18643	23.92	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	25666	23.44	ug/l	98
10) Methyl Iodide	2.51	142	31619	23.24	ug/l	100
11) Tert butyl alcohol	3.08	59	39417	123.61	ug/l	100
12) 1,1-Dichloroethene	2.37	96	24688	23.70	ug/l	97
13) Acrolein	2.29	56	18388	116.23	ug/l	96
14) Allyl chloride	2.73	41	52616	24.23	ug/l	98
15) Acrylonitrile	3.15	53	92642	120.24	ug/l	99
16) Acetone	2.45	43	75938	121.17	ug/l	98
17) Carbon Disulfide	2.57	76	69253	23.11	ug/l	99
18) Methyl Acetate	2.78	43	46255	24.44	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	87479	23.78	ug/l	95
20) Methylene Chloride	2.86	84	29340	23.63	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	26223	23.41	ug/l	95
22) Diisopropyl ether	3.87	45	80877	20.40	ug/l	# 85
23) Vinyl Acetate	3.83	43	351616	103.53	ug/l	100
24) 1,1-Dichloroethane	3.70	63	51624	23.10	ug/l	99
25) 2-Butanone	4.71	43	96404	99.57	ug/l	99
26) 2,2-Dichloropropane	4.59	77	28774	20.37	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	23438	19.27	ug/l	91
28) Bromochloromethane	5.03	49	17461	19.47	ug/l	96
29) Tetrahydrofuran	5.17	42	64949	103.05	ug/l	99
30) Chloroform	5.22	83	42580	21.01	ug/l	98
31) Cyclohexane	5.57	56	35434	19.75	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	35486	21.08	ug/l	97
36) 1,1-Dichloropropene	5.80	75	31196	18.09	ug/l	97
37) Ethyl Acetate	4.87	43	36979	17.83	ug/l	98
38) Carbon Tetrachloride	5.79	117	29809	17.93	ug/l	95

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	34976	18.42	ug/l	99
40) Benzene	6.15	78	95567	18.72	ug/l	100
41) Methacrylonitrile	5.07	41	20517	17.86	ug/l	97
42) 1,2-Dichloroethane	6.20	62	35248	19.62	ug/l	99
43) Isopropyl Acetate	6.47	43	61233	20.24	ug/l	99
44) Trichloroethene	7.21	130	26232	19.17	ug/l	93
45) 1,2-Dichloropropane	7.52	63	26283	19.92	ug/l	99
46) Dibromomethane	7.67	93	16528	19.50	ug/l	98
47) Bromodichloromethane	7.90	83	31520	19.83	ug/l	99
48) Methyl methacrylate	7.78	41	30858	20.10	ug/l	95
49) 1,4-Dioxane	7.76	88	13819	403.40	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	222262	108.87	ug/l	97
52) Toluene	8.79	92	66463	20.95	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	34329	19.51	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	41382	21.37	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	26129	20.15	ug/l	99
56) Ethyl methacrylate	9.18	69	37408	19.38	ug/l	96
57) 1,3-Dichloropropane	9.38	76	43814	20.12	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	111242	114.70	ug/l	99
59) 2-Hexanone	9.50	43	156050	99.64	ug/l	97
60) Dibromochloromethane	9.59	129	24233	19.70	ug/l	98
61) 1,2-Dibromoethane	9.68	107	25391	18.80	ug/l	98
64) Tetrachloroethene	9.34	164	22408	16.83	ug/l	99
65) Chlorobenzene	10.14	112	71077	19.39	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	23149	18.17	ug/l	99
67) Ethyl Benzene	10.26	91	113120	18.44	ug/l	99
68) m/p-Xylenes	10.36	106	88991	37.81	ug/l	100
69) o-Xylene	10.70	106	43632	19.25	ug/l	98
70) Styrene	10.71	104	74108	19.47	ug/l	100
71) Bromoform	10.86	173	17512	17.38	ug/l #	100
73) Isopropylbenzene	11.02	105	112998	17.60	ug/l	98
74) N-amyl acetate	6.47	43	61233	18.29	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	46939	19.80	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	40550m	20.58	ug/l	
77) Bromobenzene	11.26	156	35062	20.11	ug/l	99
78) n-propylbenzene	11.37	91	151670	20.46	ug/l	100
79) 2-Chlorotoluene	11.43	91	91264	20.26	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	111043	20.45	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	10744	16.89	ug/l	92
82) 4-Chlorotoluene	11.51	91	107143	20.19	ug/l	100
83) tert-Butylbenzene	11.77	119	107173	20.17	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	114567	20.53	ug/l	100
85) sec-Butylbenzene	11.95	105	129305	20.39	ug/l	100
86) p-Isopropyltoluene	12.07	119	114714	20.15	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	64298	19.80	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	66893	19.82	ug/l	99
89) n-Butylbenzene	12.39	91	98519	19.20	ug/l	99
90) Hexachloroethane	12.60	117	17202	19.95	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	65336	19.70	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	9862	19.99	ug/l	97

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VX0725MBS01

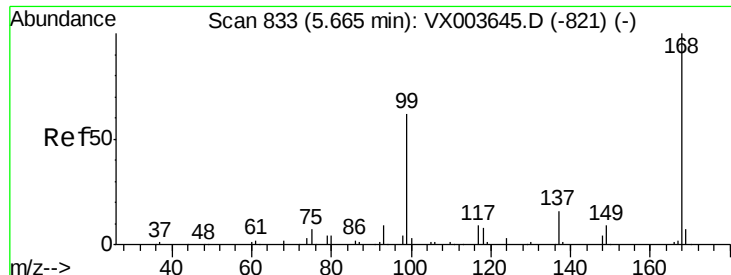
Manual Integrations
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7/27/2018 5:29:43 PM

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	46280	19.55	ug/l	99
94) Hexachlorobutadiene	13.79	225	20524	18.74	ug/l	98
95) Naphthalene	13.83	128	143866	20.10	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	47269	19.66	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

Tot Ion:168 Resp: 90059

Ion Ratio Lower Upper

168 100

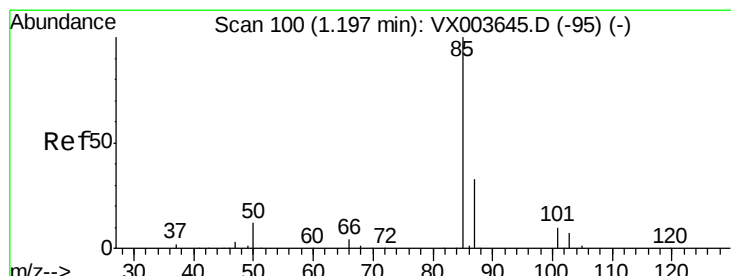
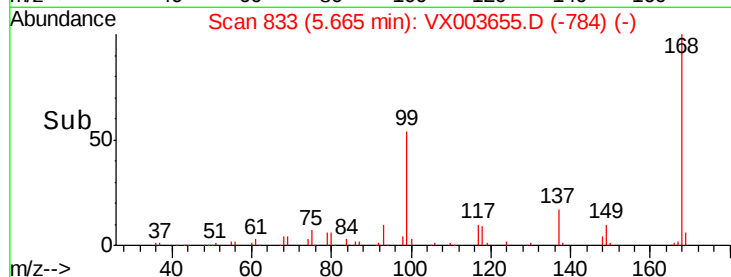
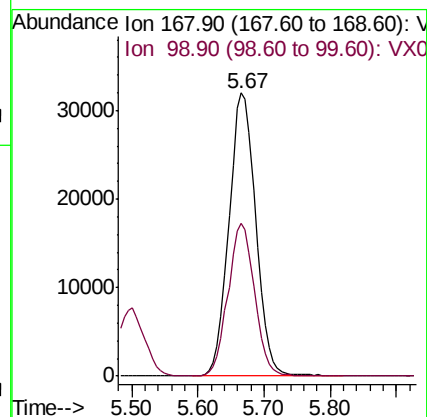
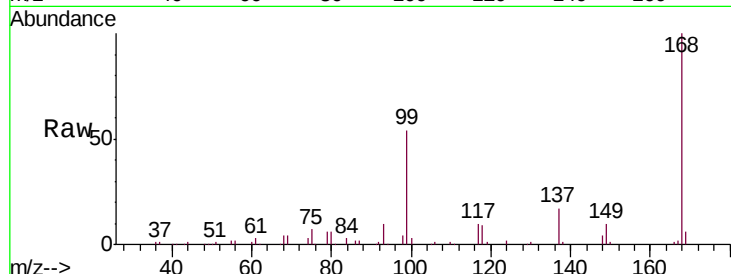
99 54.2 49.5 74.3

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 21.76 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003655.D

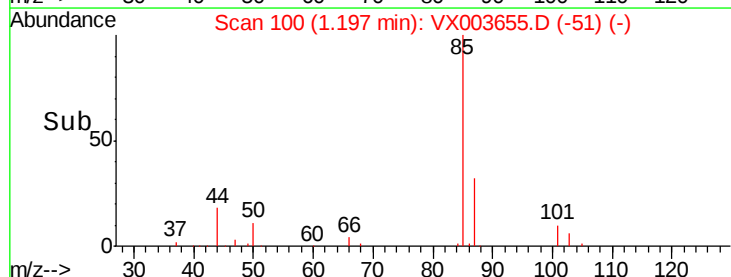
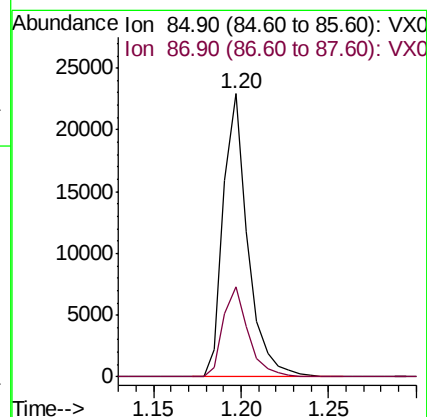
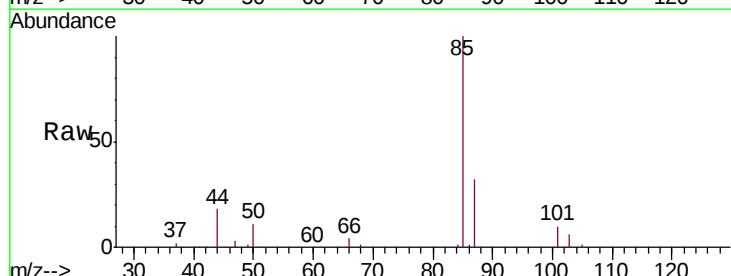
Acq: 25 Jul 2018 13:39

Tgt Ion: 85 Resp: 22315

Ion Ratio Lower Upper

85 100

87 31.8 16.5 49.5





#3

Chloromethane

Concen: 23.43 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

Tot Ion: 50 Resp: 31658

Ion Ratio Lower Upper

50 100

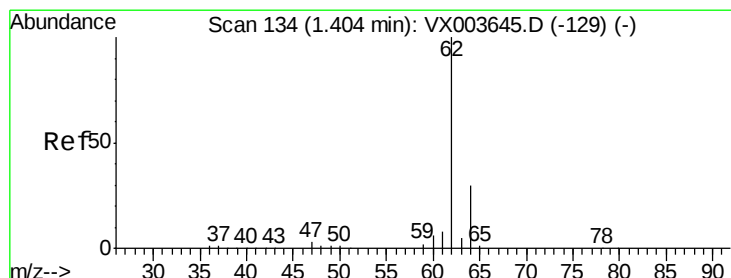
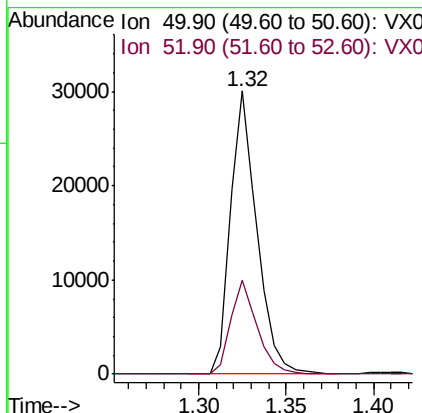
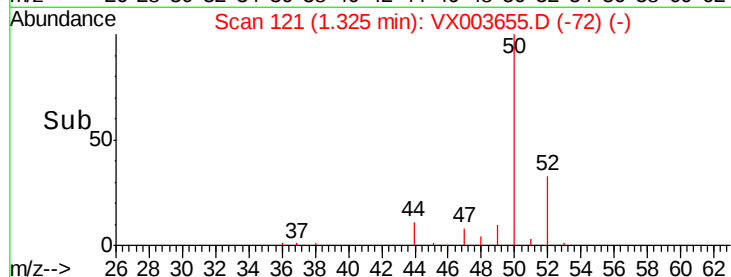
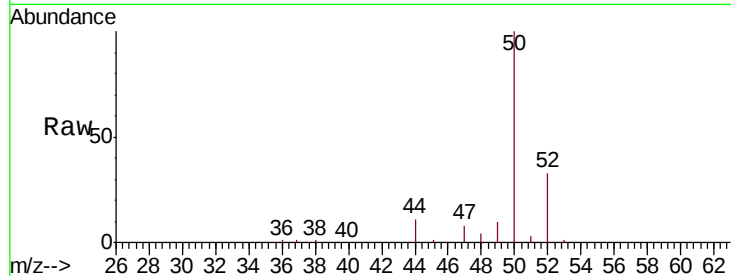
52 33.4 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 24.34 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003655.D

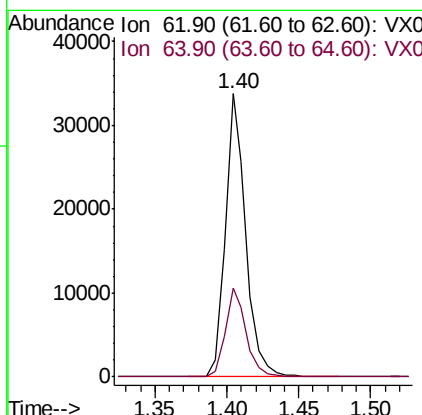
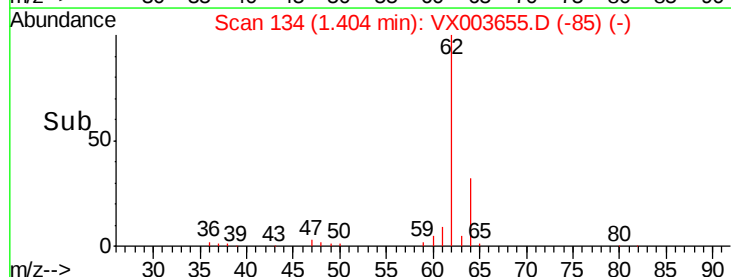
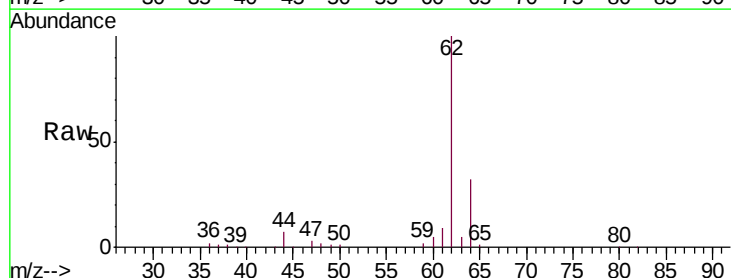
Acq: 25 Jul 2018 13:39

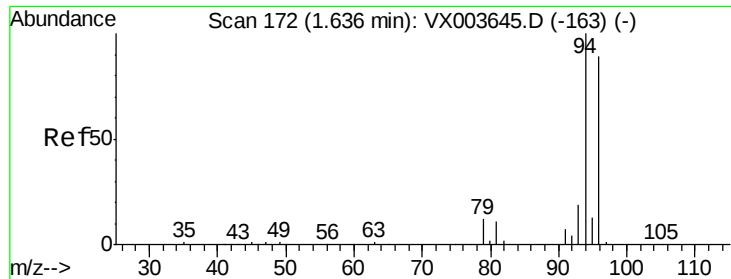
Tgt Ion: 62 Resp: 33635

Ion Ratio Lower Upper

62 100

64 31.6 24.4 36.6





#5

Bromomethane

Concen: 33.35 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

Tot Ion: 94 Resp: 22253

Ion Ratio Lower Upper

94 100

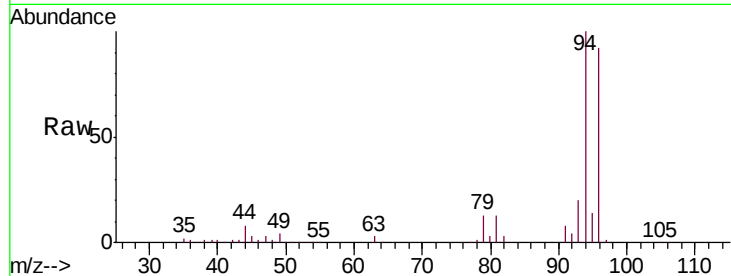
96 92.4 71.3 106.9

Manual Integrations

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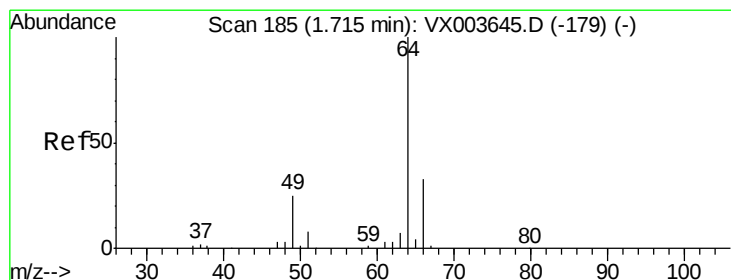
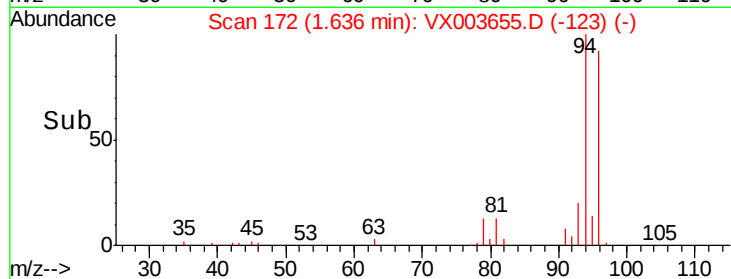
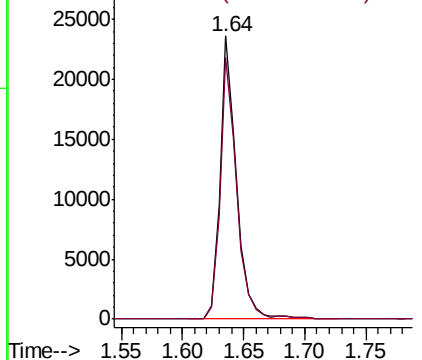
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.95 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003655.D

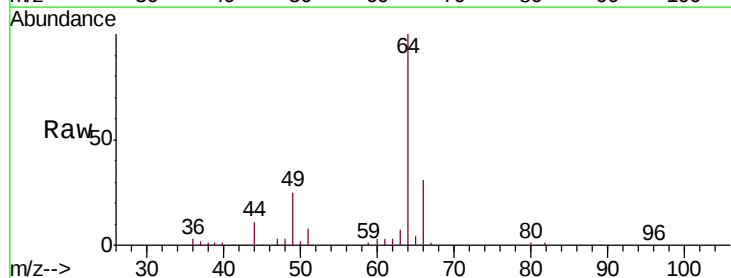
Acq: 25 Jul 2018 13:39

Tgt Ion: 64 Resp: 21332

Ion Ratio Lower Upper

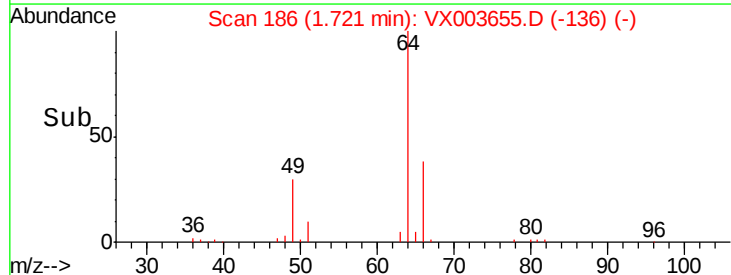
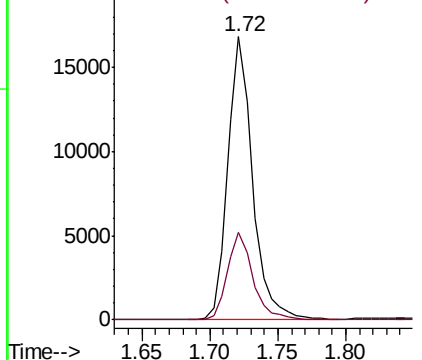
64 100

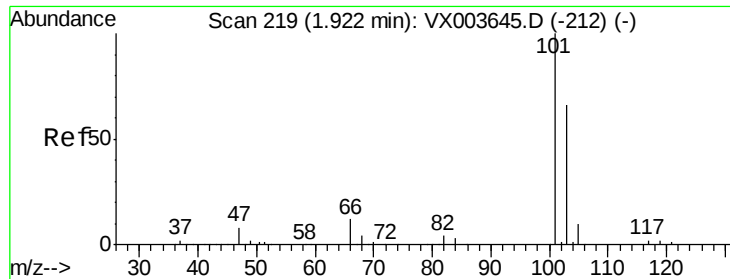
66 30.9 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

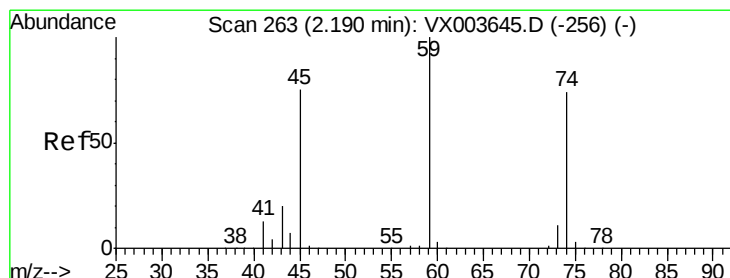
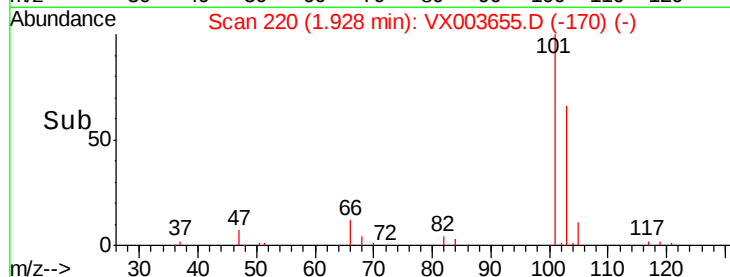
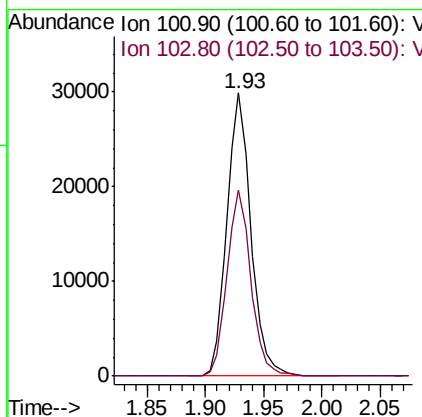
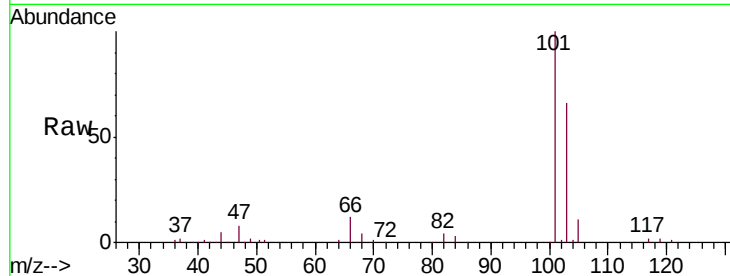
Trichlorofluoromethane
Concen: 24.22 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tot Ion:101 Resp: 43075
Ion Ratio Lower Upper
101 100
103 65.9 53.2 79.8

Manual Integrations
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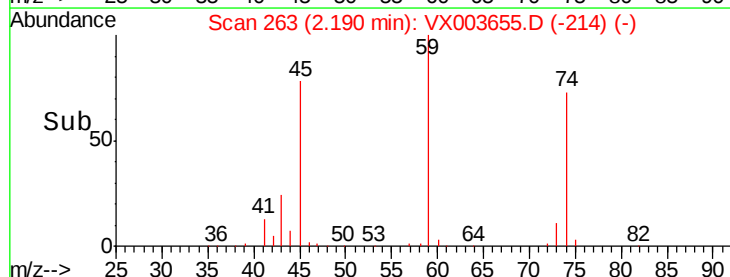
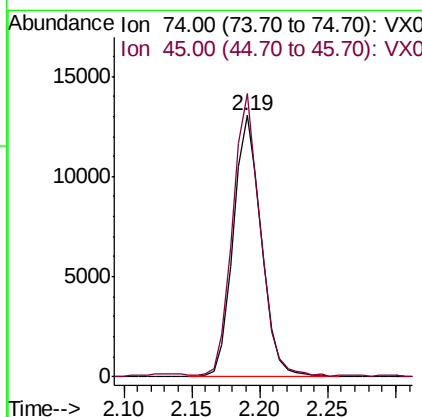
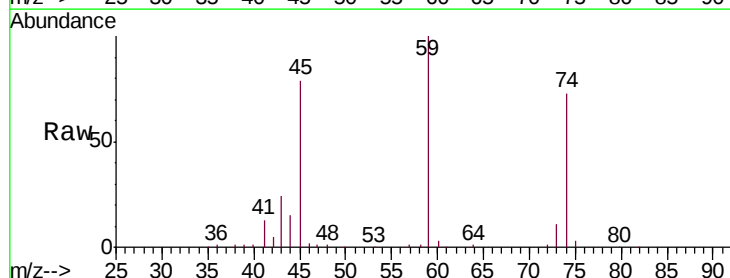
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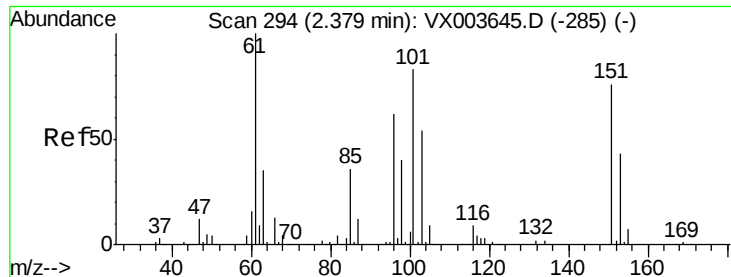


#8

Diethyl Ether
Concen: 23.92 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion: 74 Resp: 18643
Ion Ratio Lower Upper
74 100
45 105.9 51.0 153.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.44 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

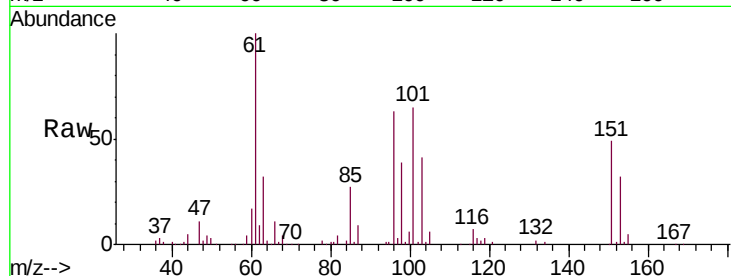
ClientSampleId :

VX0725MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.9	34.6	52.0
151	81.8	67.5	101.3

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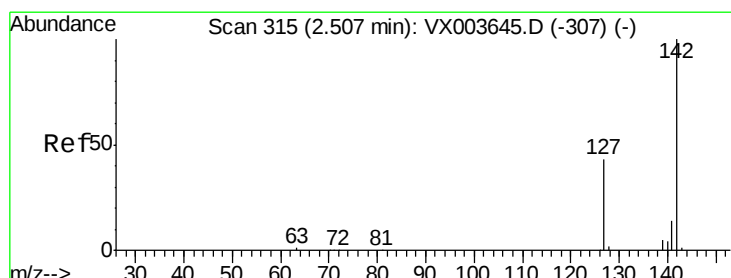
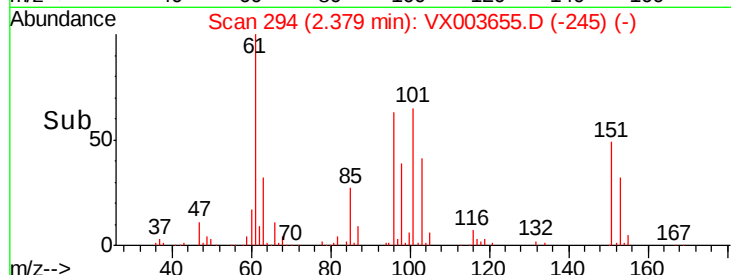
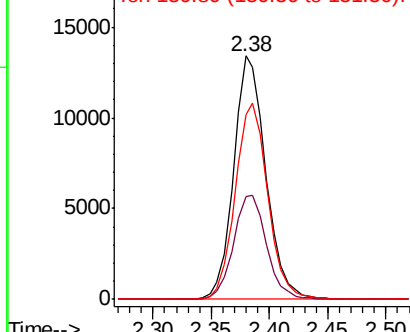


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 23.24 ug/l

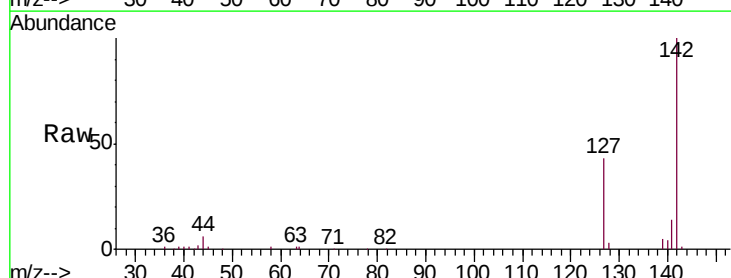
RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.6	34.0	51.0
141	14.0	11.3	16.9

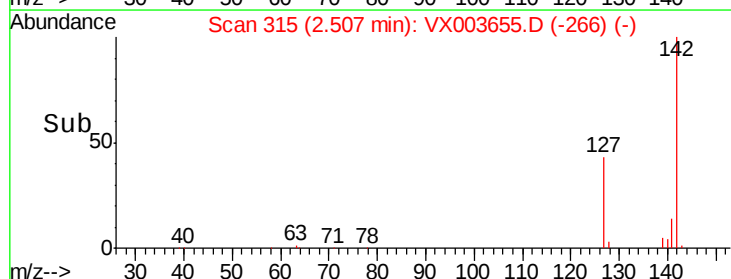
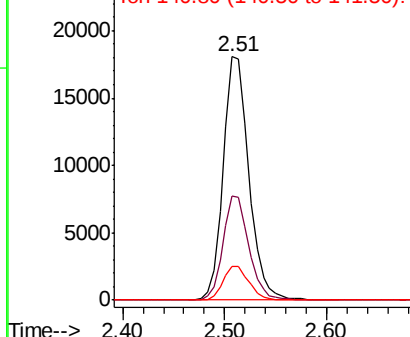


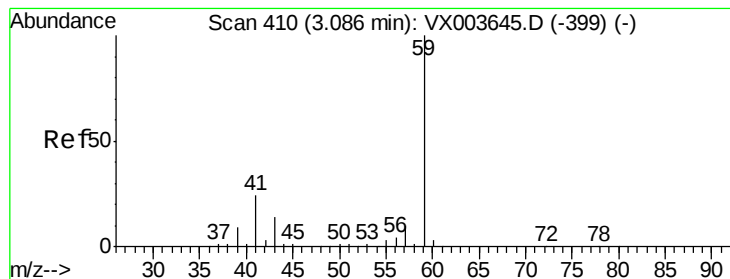
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

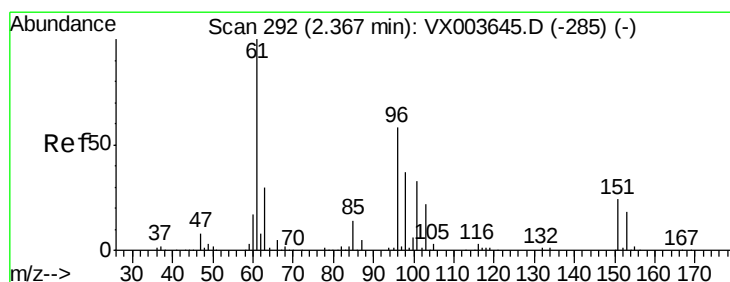
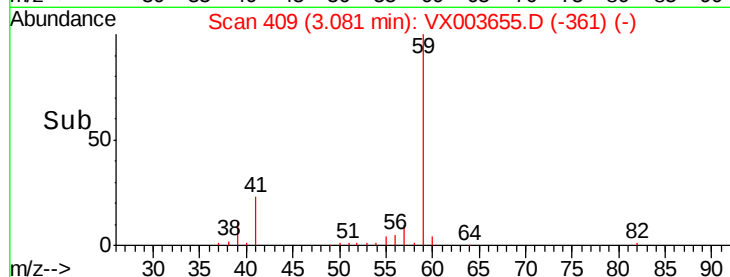
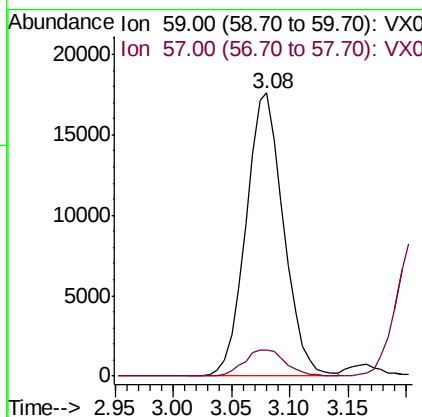
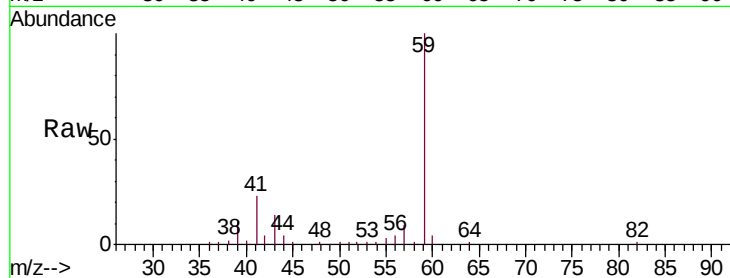
Tert butyl alcohol
Concen: 123.61 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

Manual Integrations
APPROVED

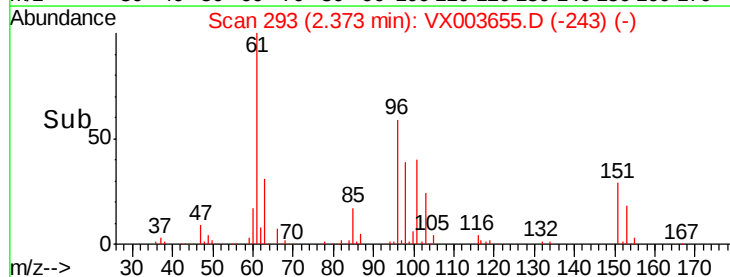
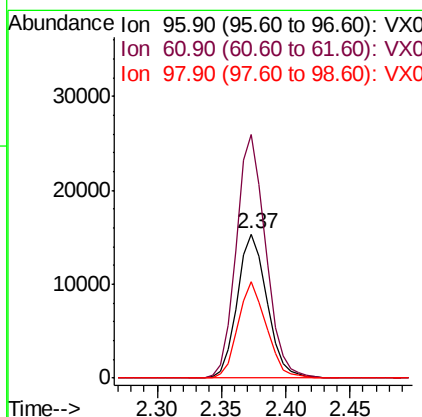
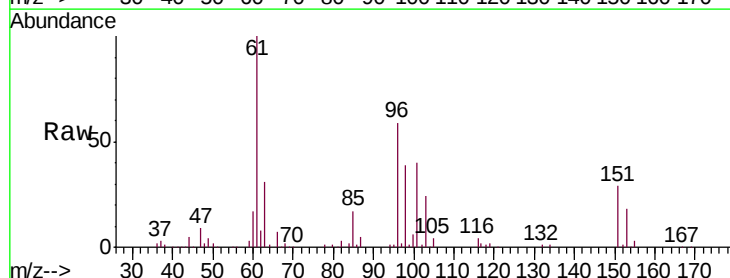
MMDadoda
7/27/2018 5:29:43 PM

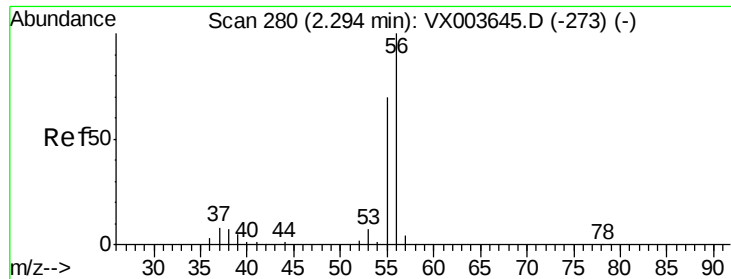


#12

1,1-Dichloroethene
Concen: 23.70 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.9	138.8	208.2
98	66.6	51.4	77.2





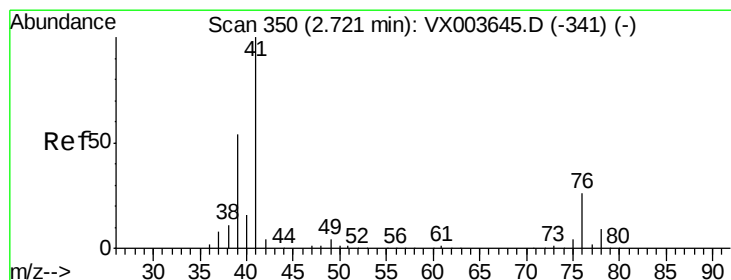
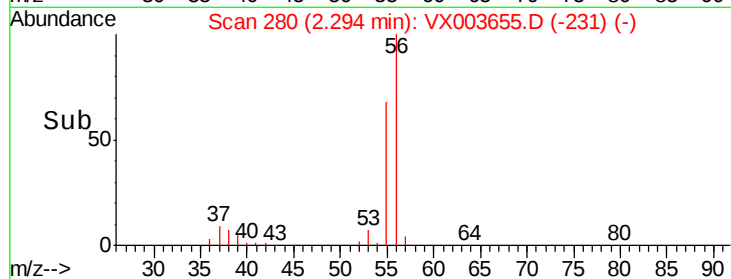
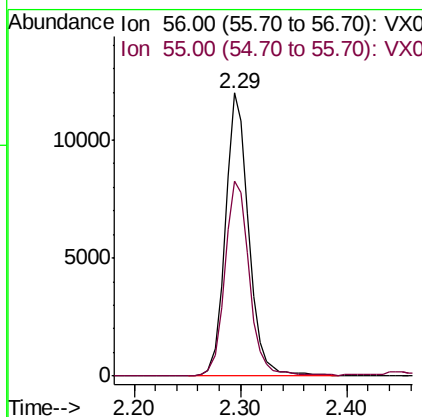
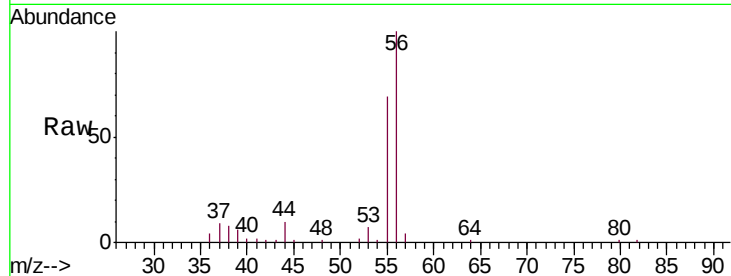
#13
Acrolein
Concen: 116.23 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Instrument :
MSVOA_X
ClientSampled :
VX0725MBS01

Tot Ion	56	55	Ratio	100	72.5	Resp	18388	Lower	55.4	Upper	83.2
Ion											

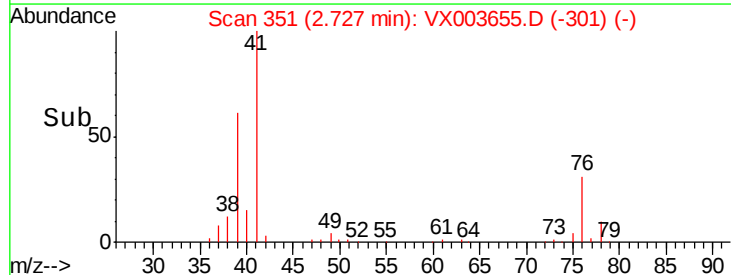
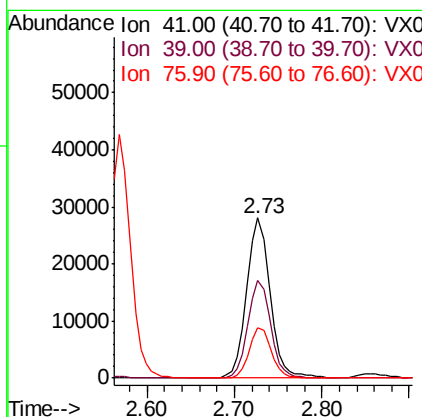
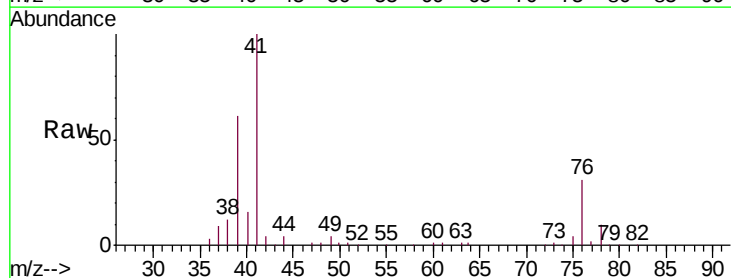
Manual Integrations
APPROVED

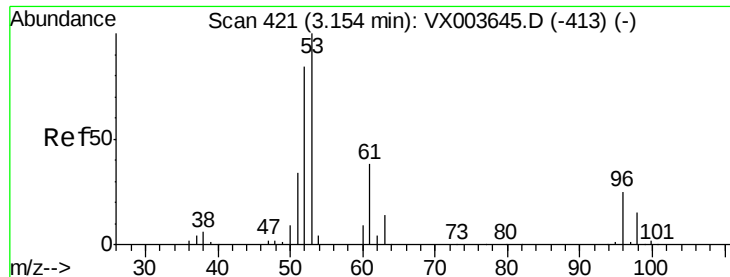
MMDadoda
7/27/2018 5:29:43 PM



#14
Allyl chloride
Concen: 24.23 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.01 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion	41	39	76	Ratio	100	58.6	29.4	Resp	52616	Lower	45.3	Upper	67.9	35.6
Ion														





#15

Acrylonitrile

Concen: 120.24 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

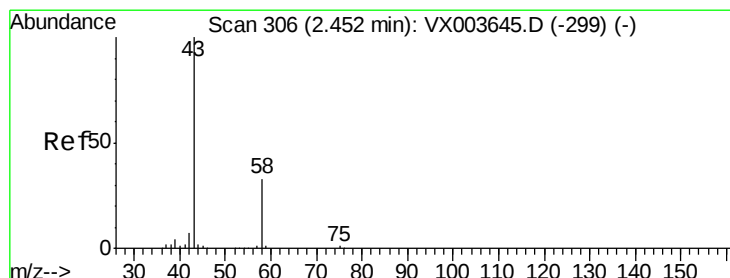
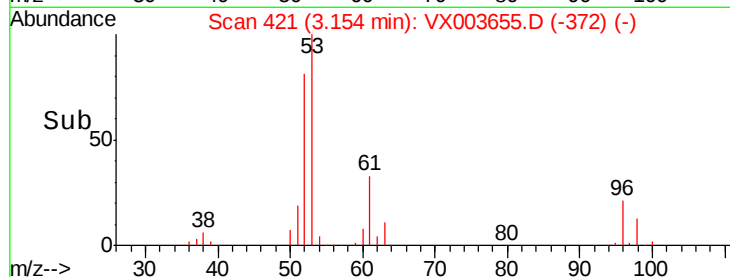
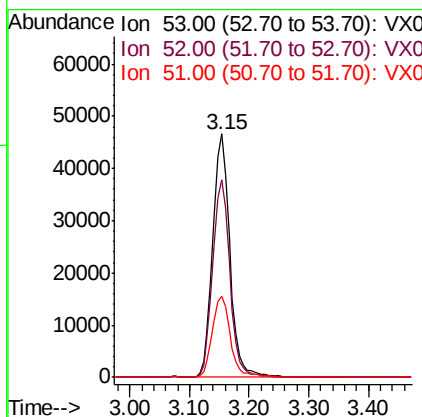
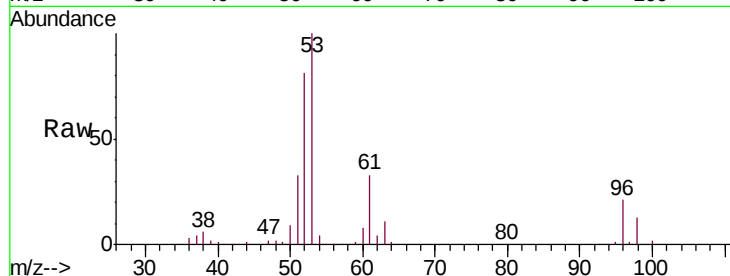
ClientSampleId :

VX0725MBS01

Tot Ion:	53	Resp:	92642
Ion	Ratio	Lower	Upper
53	100		
52	81.0	66.1	99.1
51	35.1	28.2	42.4

Manual Integrations
APPROVED

MMDadoda
7/27/2018 5:29:43 PM



#16

Acetone

Concen: 121.17 ug/l

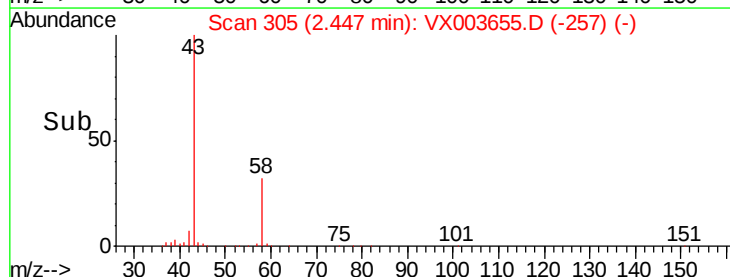
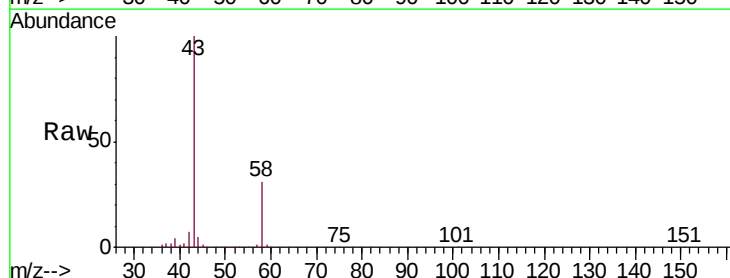
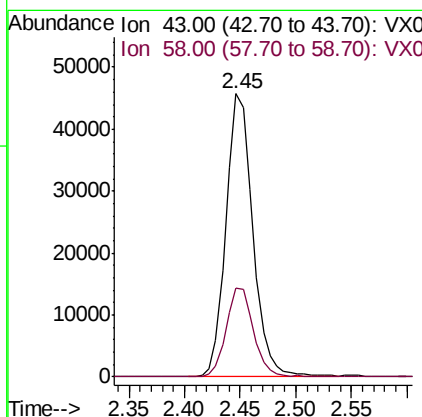
RT: 2.45 min Scan# 305

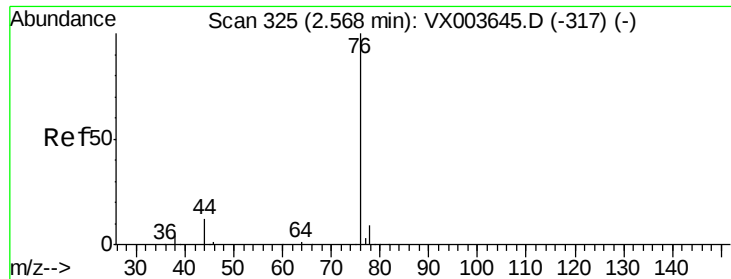
Delta R.T. -0.01 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Tgt Ion:	43	Resp:	75938
Ion	Ratio	Lower	Upper
43	100		
58	31.6	26.1	39.1





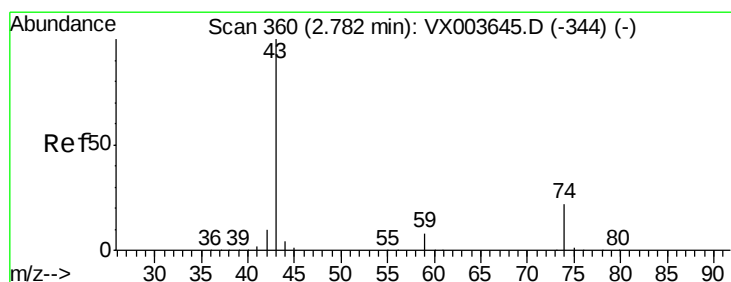
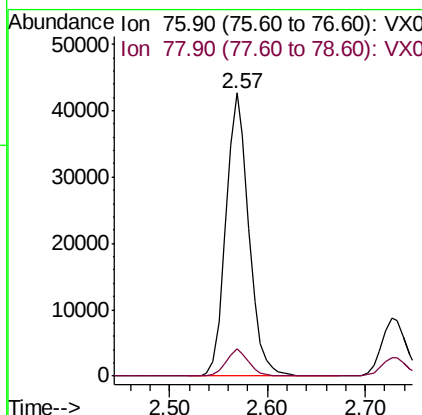
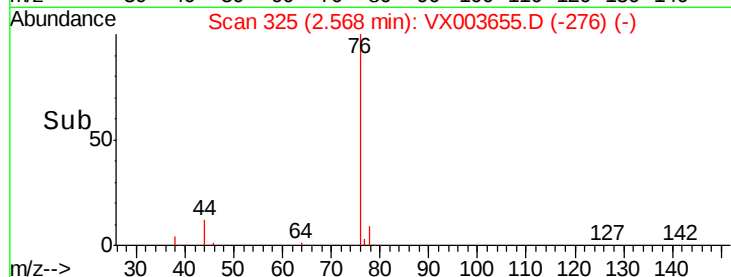
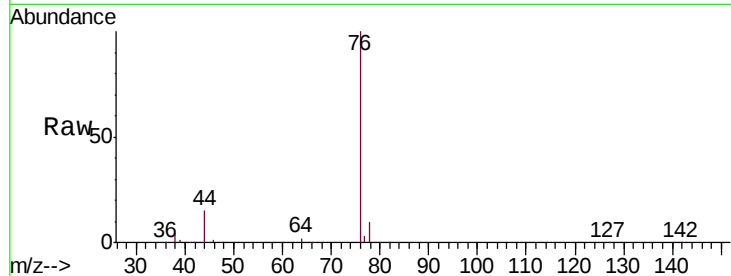
#17
Carbon Disulfide
Concen: 23.11 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.0

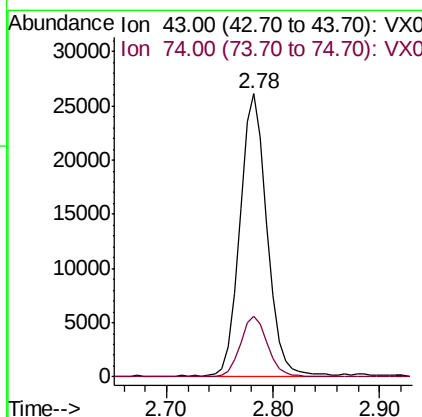
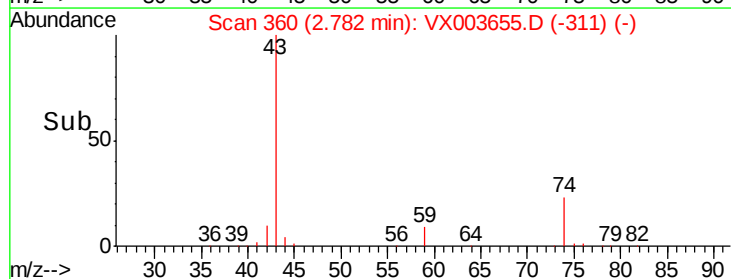
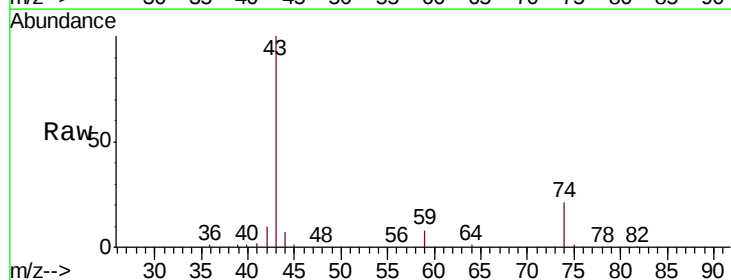
Manual Integrations
APPROVED

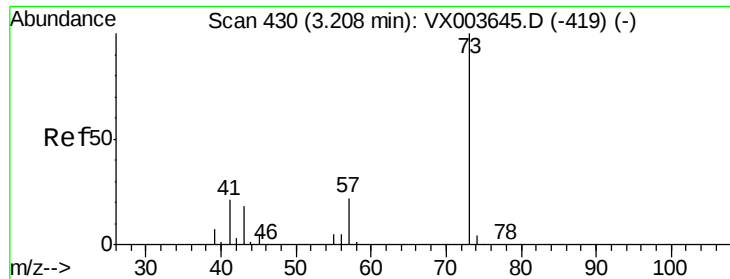
MMDadoda
7/27/2018 5:29:43 PM



#18
Methyl Acetate
Concen: 24.44 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.7	17.8	26.8





#19

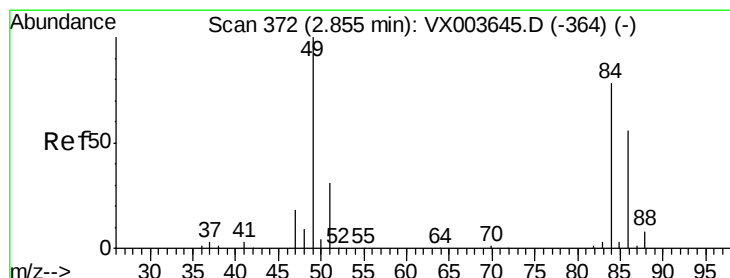
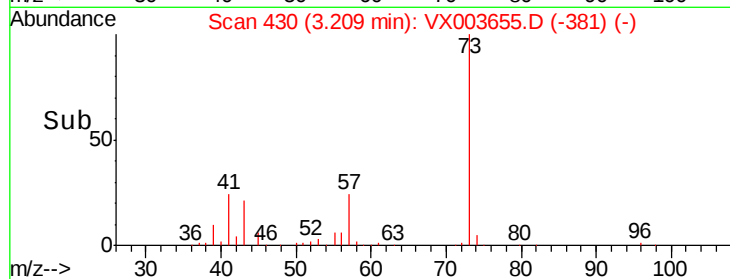
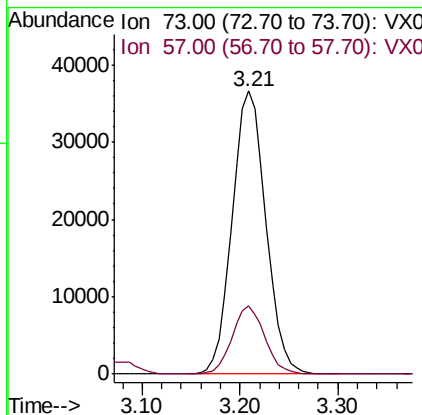
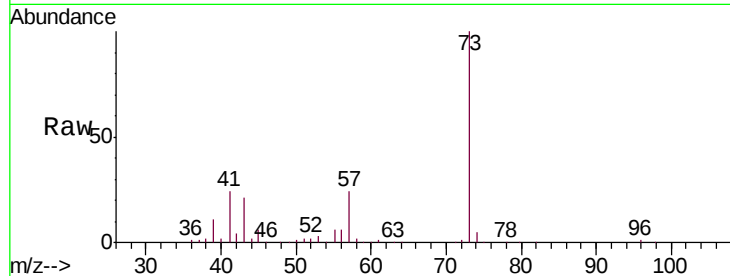
Methyl tert-butyl Ether
 Concen: 23.78 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

Tot Ion	73	Resp	87479
Ion Ratio	100	Lower	Upper
73	100		
57	24.0	17.4	26.2

Manual Integrations
 APPROVED

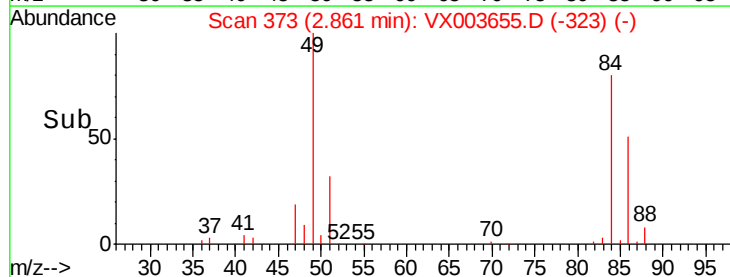
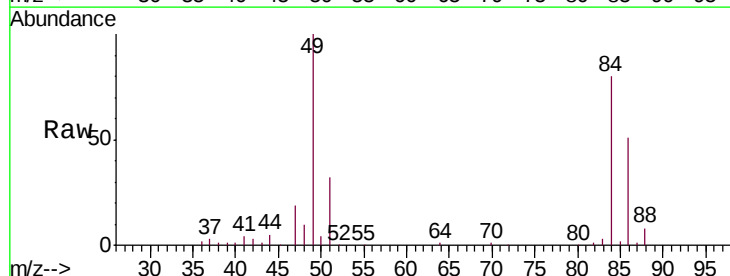
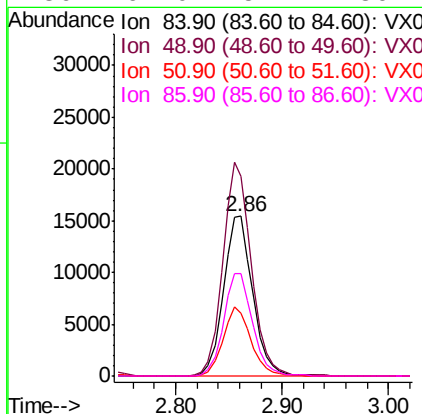
MMDadoda
 7/27/2018 5:29:43 PM

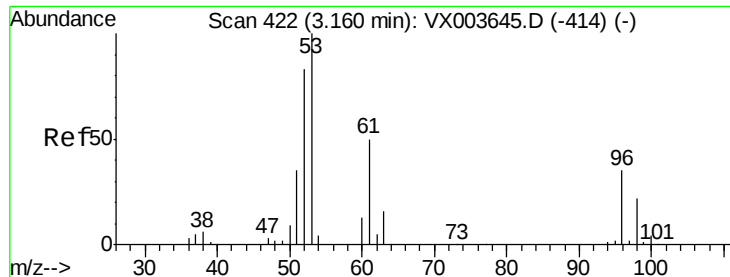


#20

Methylene Chloride
 Concen: 23.63 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Tgt Ion	84	Resp	29340
Ion Ratio	100	Lower	Upper
84	100		
49	125.1	102.3	153.5
51	39.6	31.8	47.8
86	64.0	57.4	86.2





#21

trans-1,2-Dichloroethene

Concen: 23.41 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampled :

VX0725MBS01

Tot Ion: 96 Resp: 26223

Ion Ratio Lower Upper

96 100

61 151.0 115.0 172.4

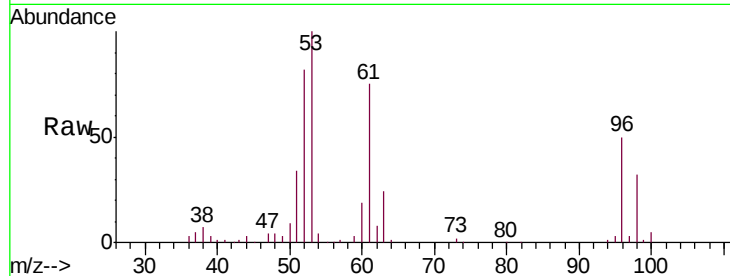
98 65.0 49.7 74.5

Manual Integrations

APPROVED

MMDadoda

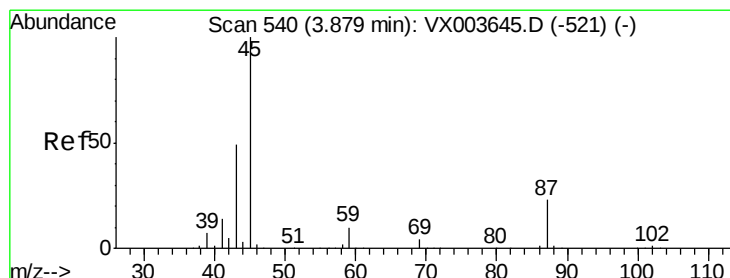
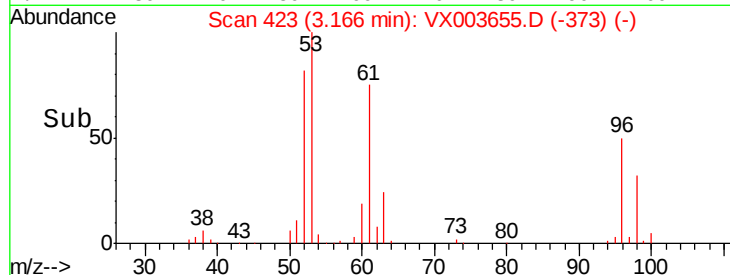
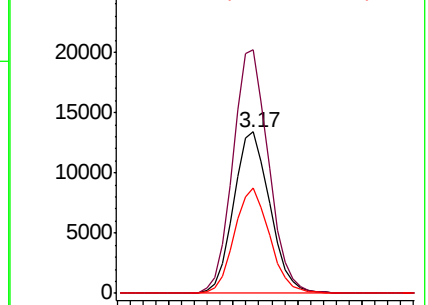
7/27/2018 5:29:43 PM



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: 20.40 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Tgt Ion: 45 Resp: 80877

Ion Ratio Lower Upper

45 100

43 62.9 39.0 58.4#

87 25.8 18.4 27.6

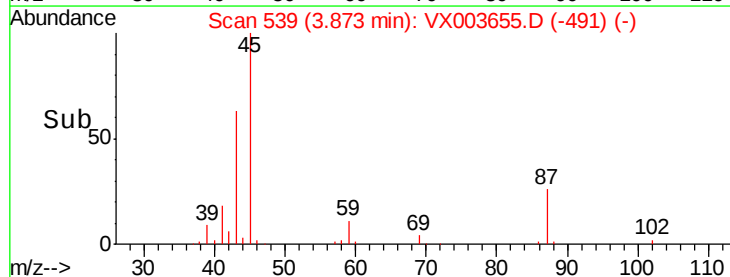
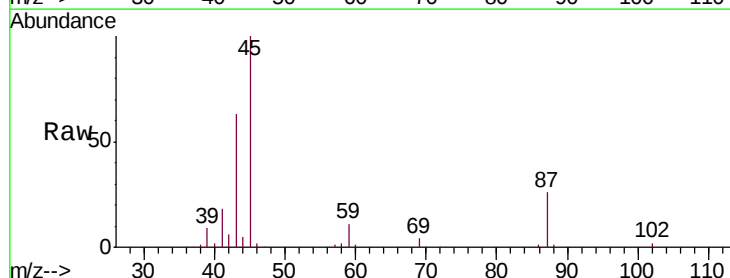
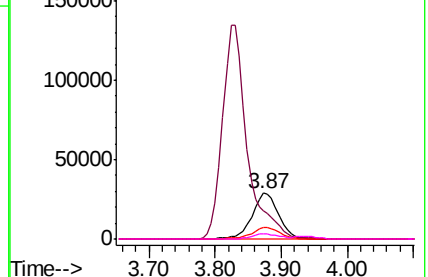
59 11.4 7.8 11.8

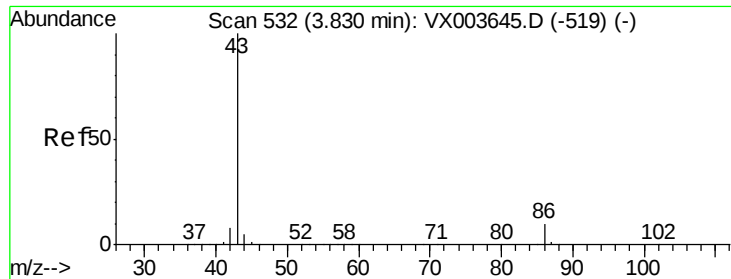
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 103.53 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

Tot Ion: 43 Resp: 351616

Ion Ratio Lower Upper

43 100

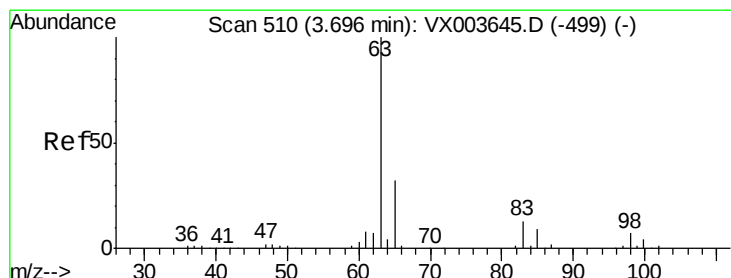
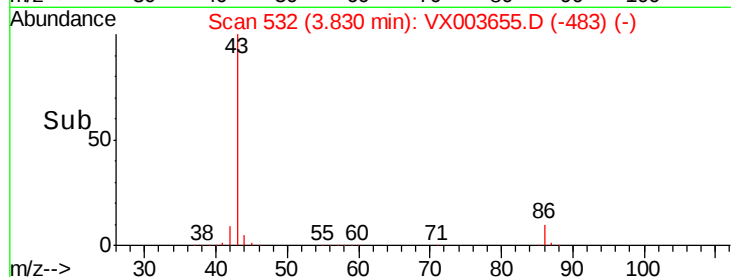
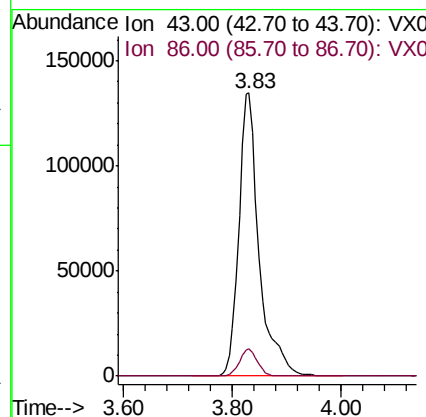
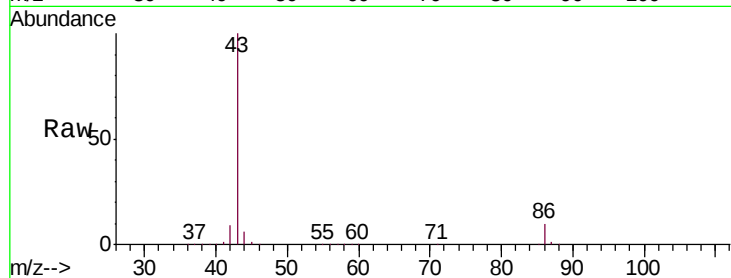
86 9.5 7.7 11.5

Manual Integrations

APPROVED

MMDadoda

7/27/2018 5:29:43 PM



#24

1,1-Dichloroethane

Concen: 23.10 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

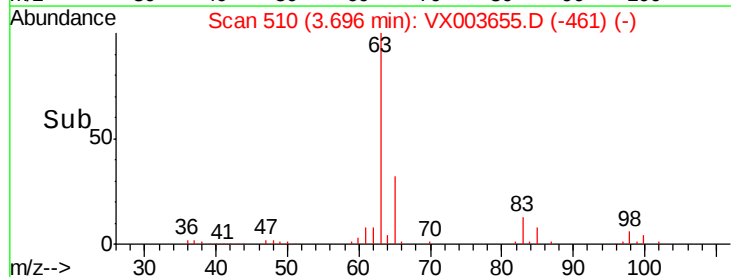
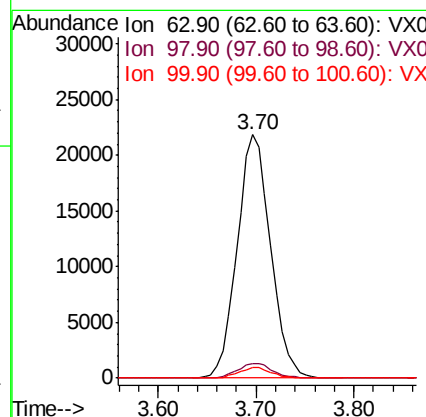
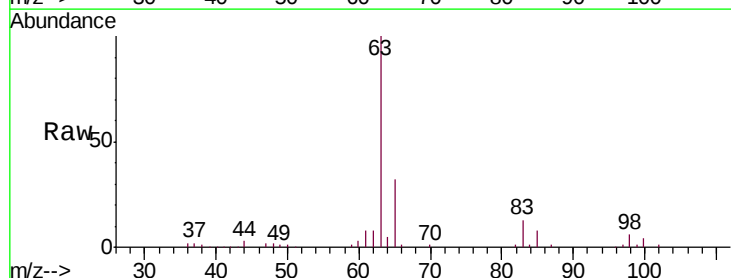
Tgt Ion: 63 Resp: 51624

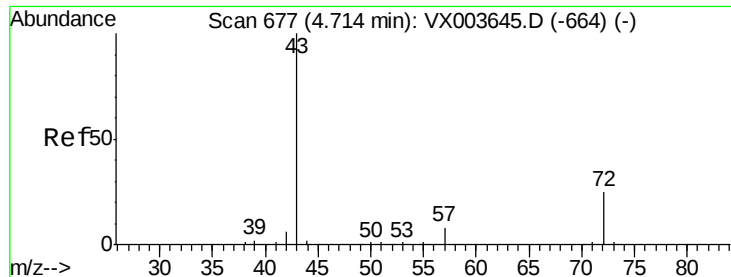
Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.8

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 99.57 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

Tot Ion: 43 Resp: 96404

Ion Ratio Lower Upper

43 100

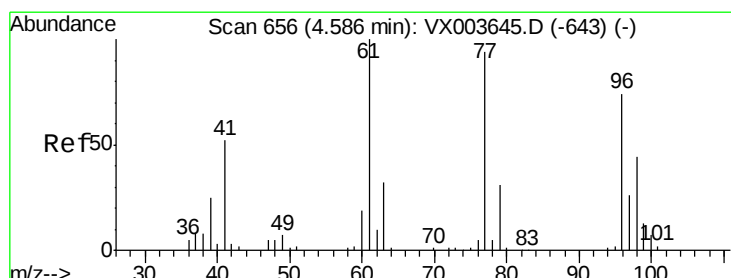
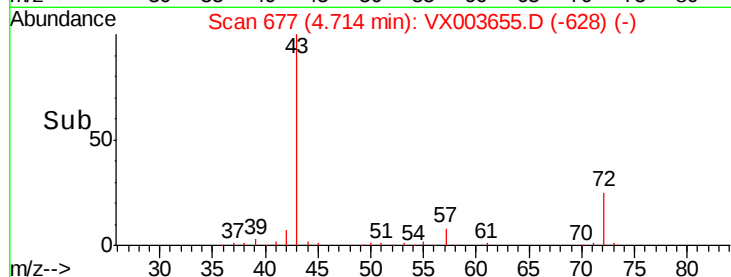
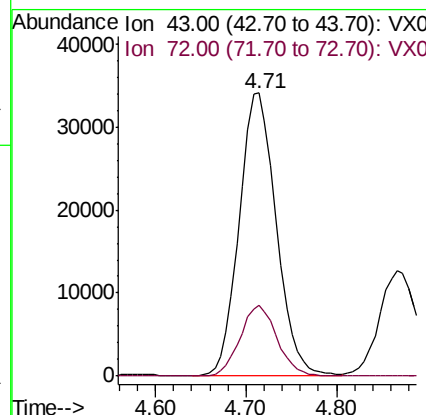
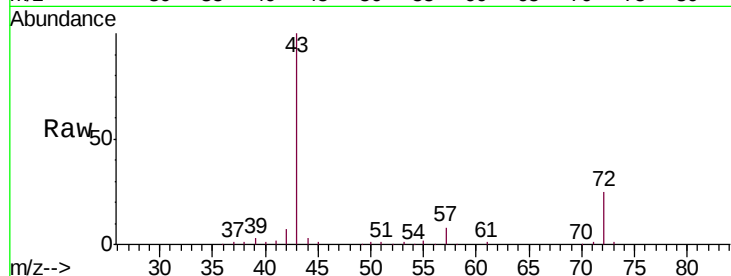
72 24.9 20.2 30.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.37 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003655.D

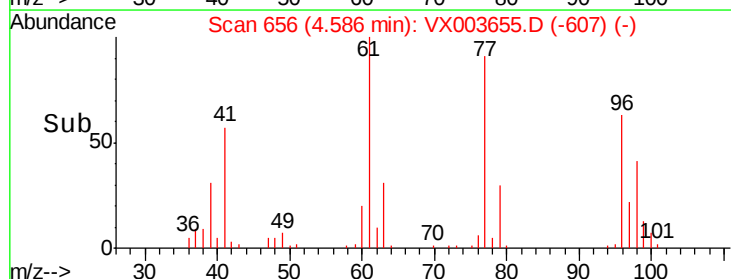
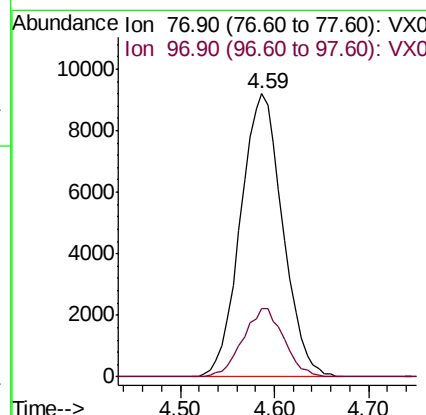
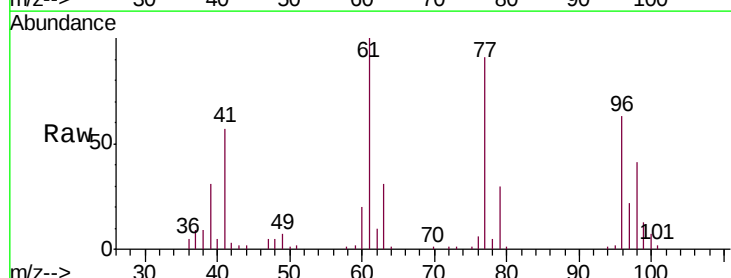
Acq: 25 Jul 2018 13:39

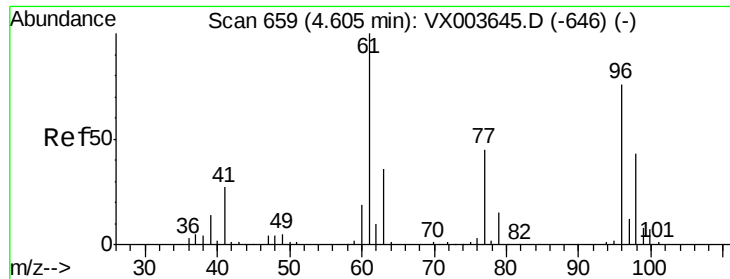
Tgt Ion: 77 Resp: 28774

Ion Ratio Lower Upper

77 100

97 23.4 12.0 36.0





#27

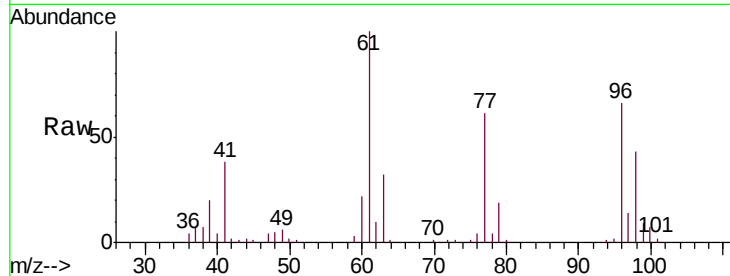
cis-1,2-Dichloroethene
Concen: 19.27 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	170.6	0.0	313.6
98	66.1	0.0	125.6

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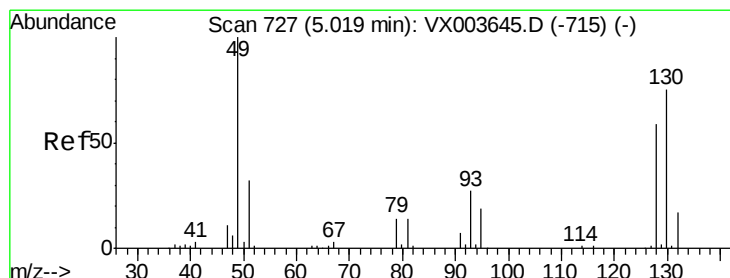
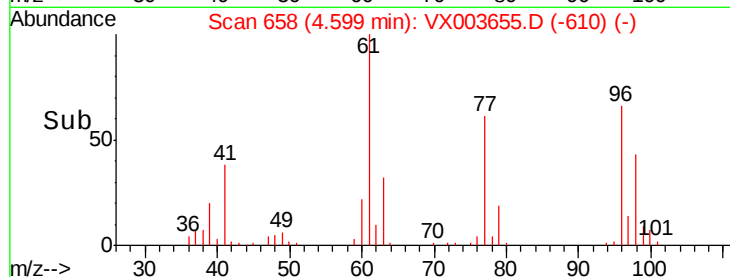
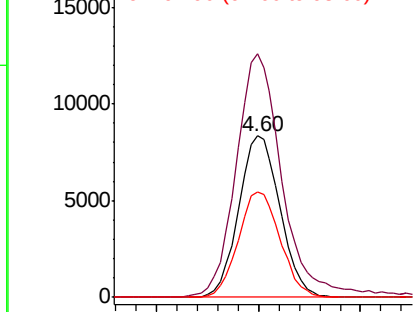


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

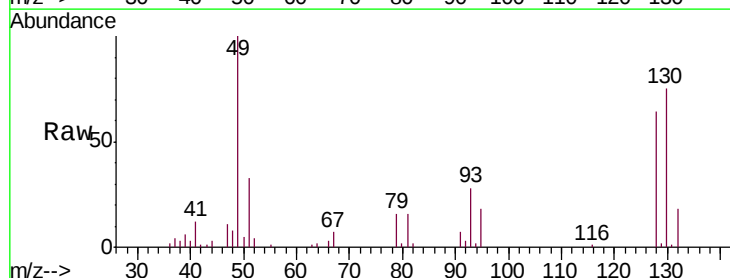
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 19.47 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.01 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	73.1	61.0	91.6

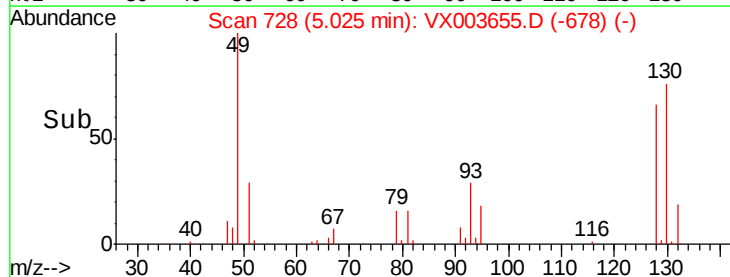
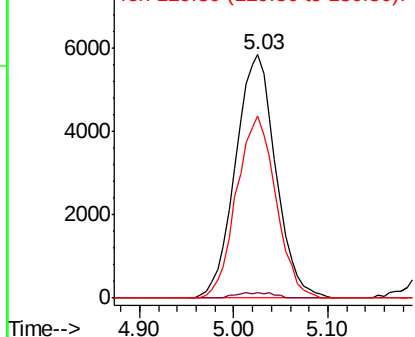


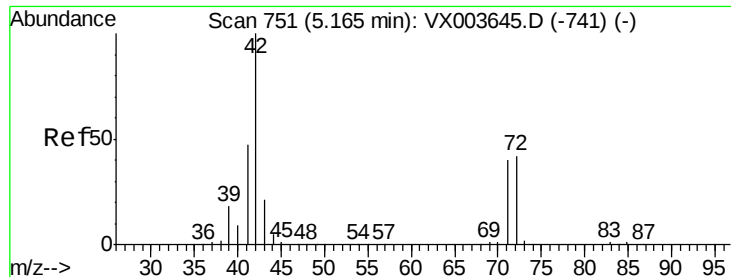
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





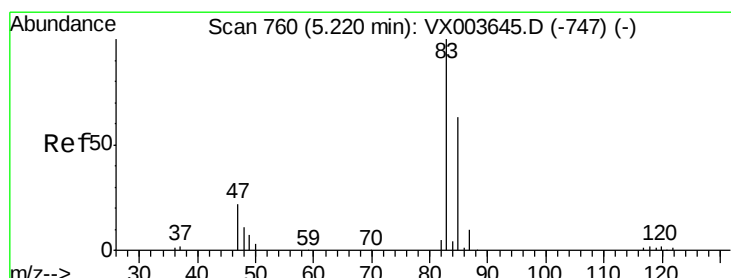
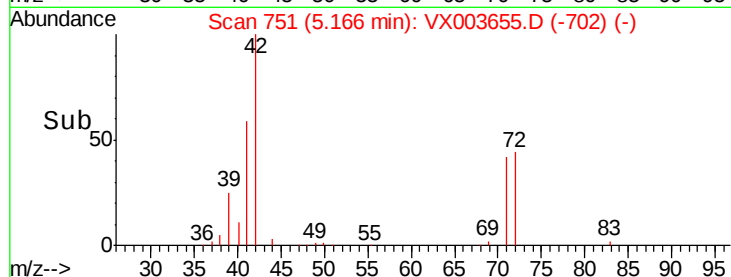
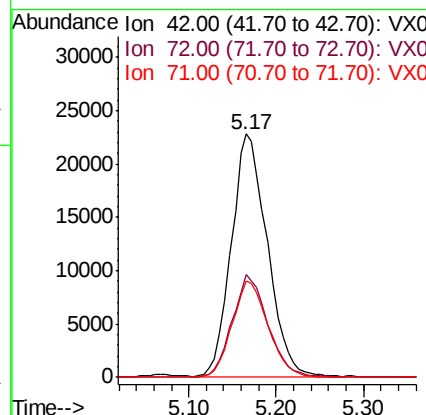
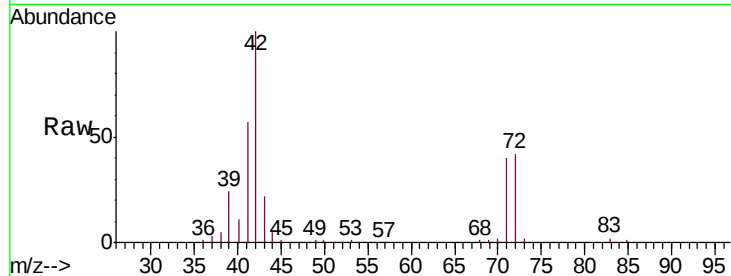
#29
Tetrahydrofuran
Concen: 103.05 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	33.4	50.0
71	40.0	31.0	46.6

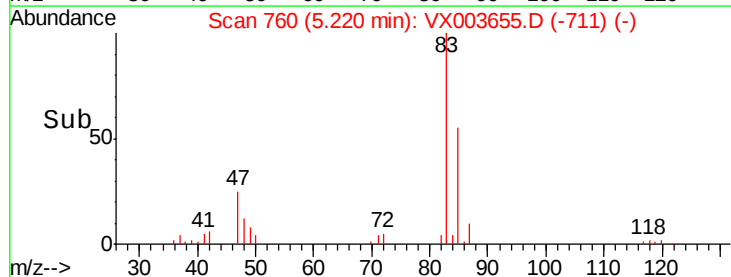
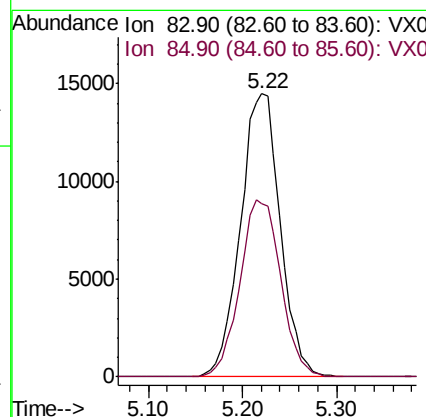
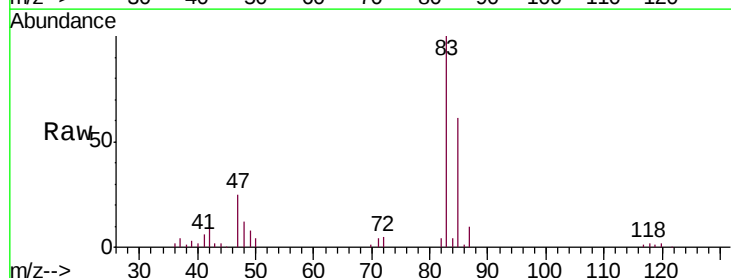
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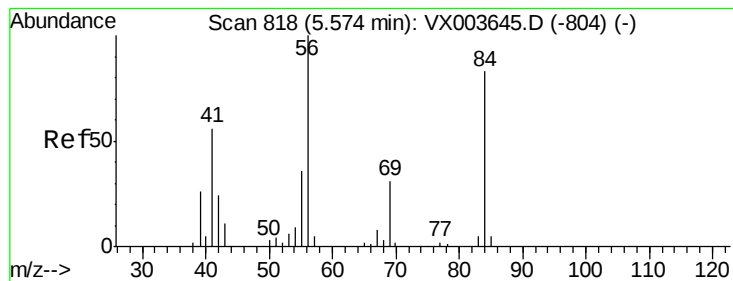
MMDadoda
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#30
Chloroform
Concen: 21.01 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.0	50.2	75.4





#31

Cyclohexane

Concen: 19.75 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

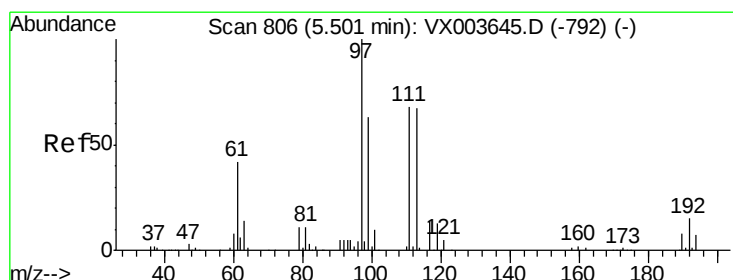
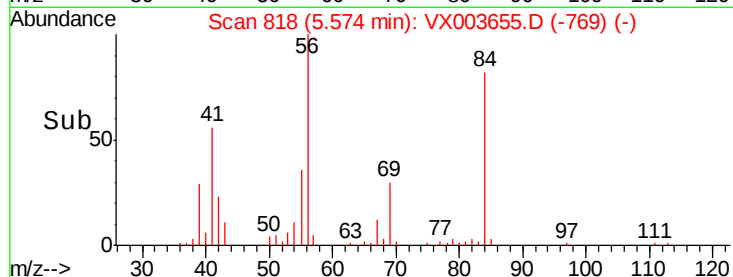
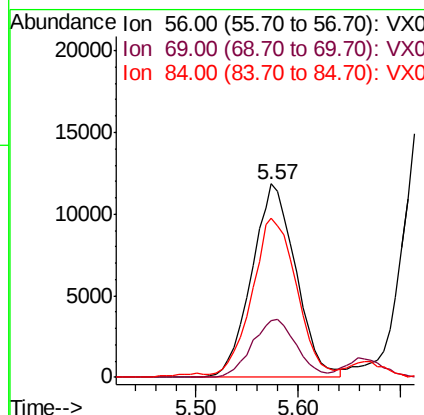
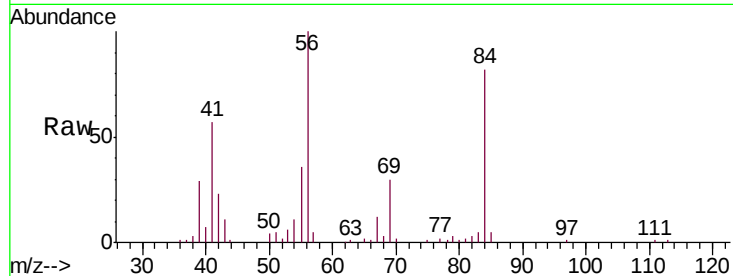
ClientSampleId :

VX0725MBS01

Tot Ion:	56	Resp:	35434
Ion	Ratio	Lower	Upper
56	100		
69	29.6	25.0	37.6
84	80.3	66.5	99.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.08 ug/l

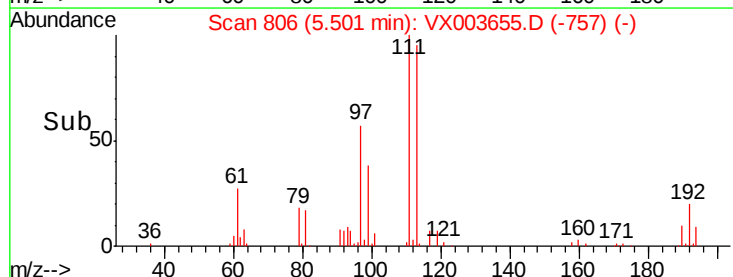
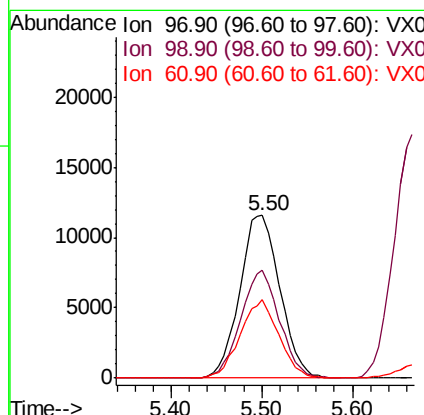
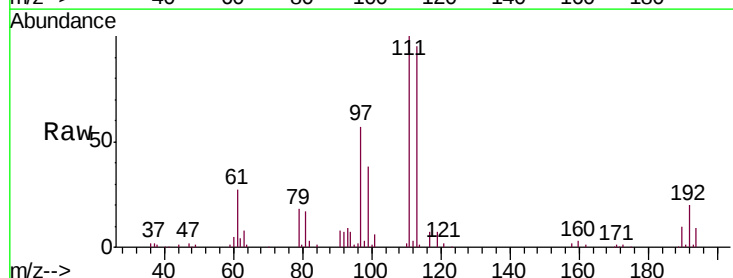
RT: 5.50 min Scan# 806

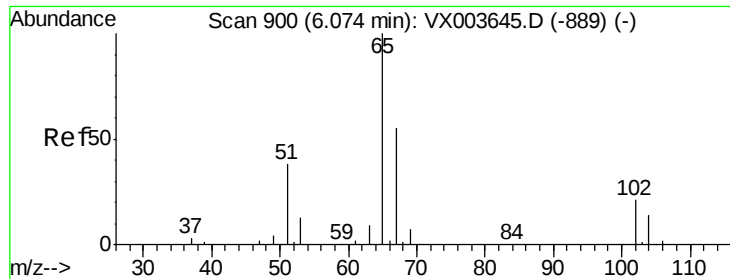
Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Tgt Ion:	97	Resp:	35486
Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.4	75.6
61	46.1	34.5	51.7





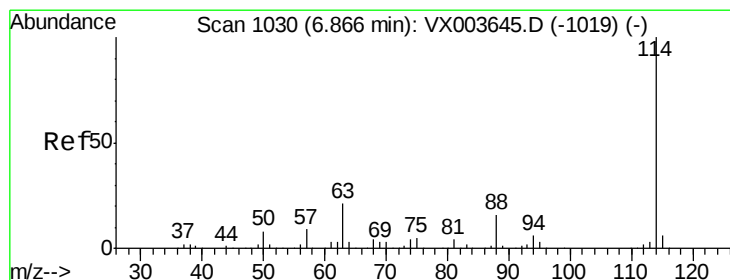
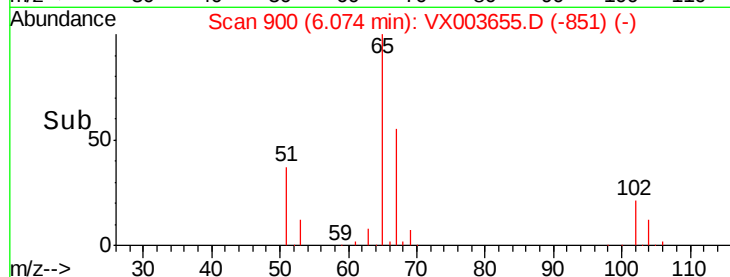
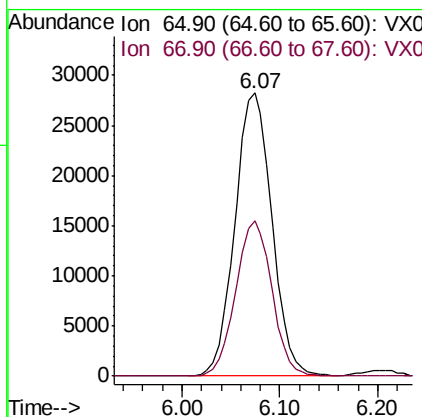
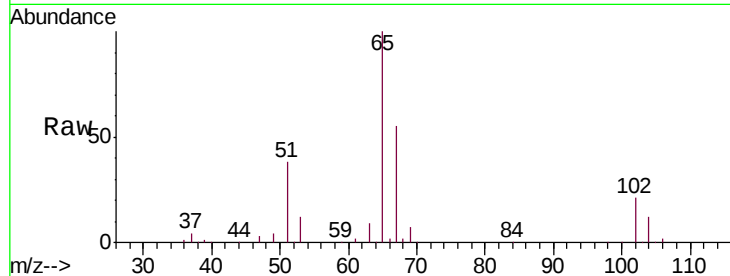
#33
 1,2-Dichloroethane-d4
 Concen: 55.66 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	107.8

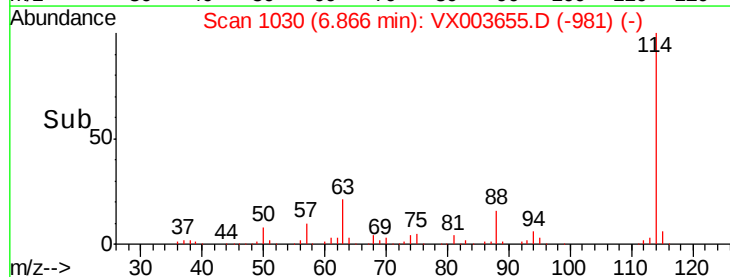
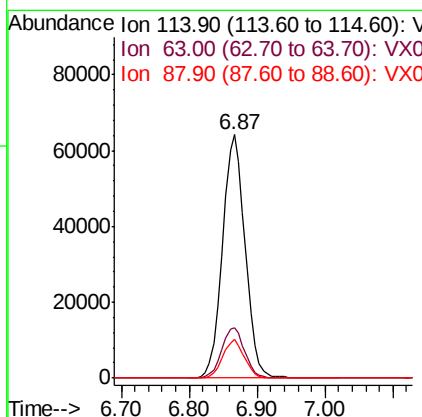
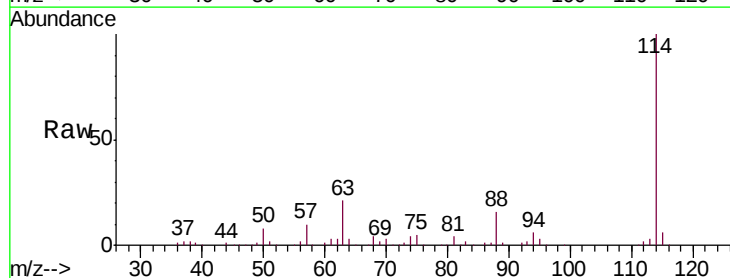
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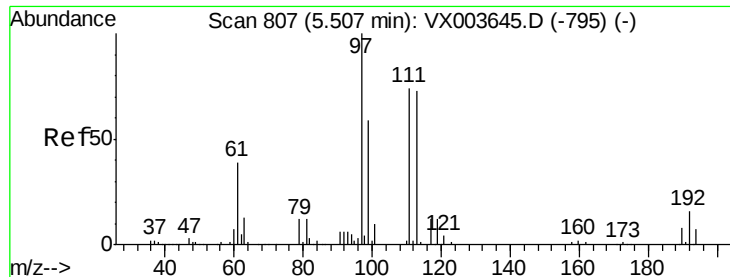
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.0
88	16.1	0.0	31.8





#35

Dibromofluoromethane

Concen: 48.32 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

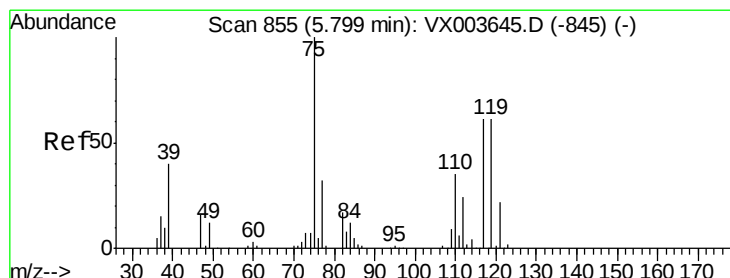
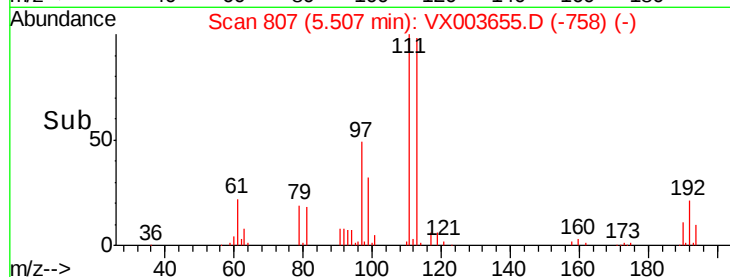
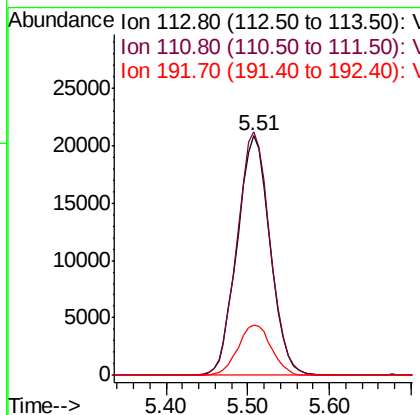
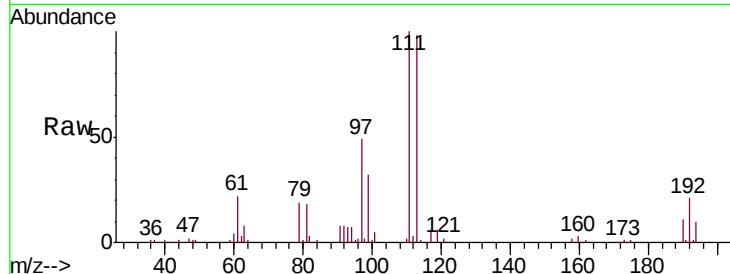
ClientSampled :

VX0725MBS01

Tot Ion:	113	Resp:	58288
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.2	121.8
192	21.4	18.2	27.4

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#36

1,1-Dichloropropene

Concen: 18.09 ug/l

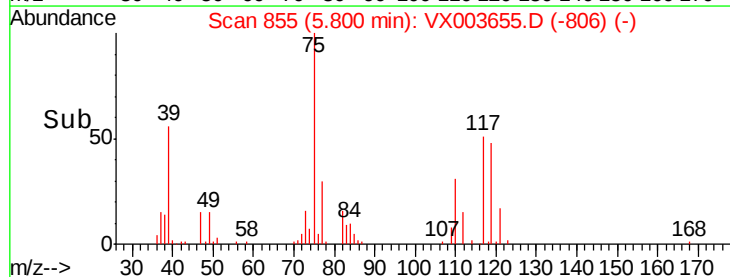
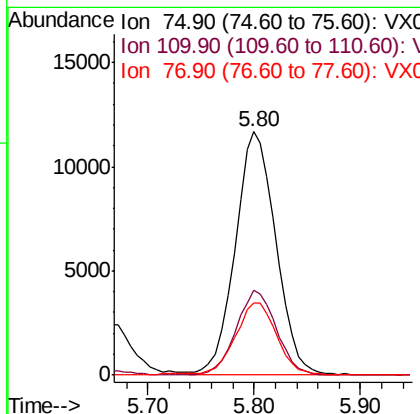
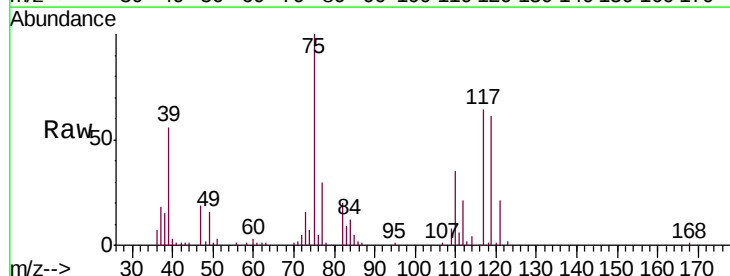
RT: 5.80 min Scan# 855

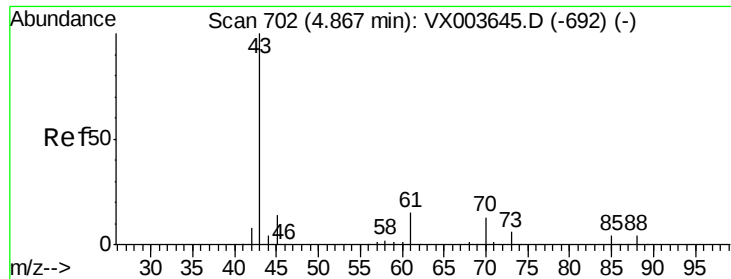
Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Tgt Ion:	75	Resp:	31196
Ion Ratio	Lower	Upper	
75	100		
110	34.4	18.1	54.1
77	30.2	25.1	37.7





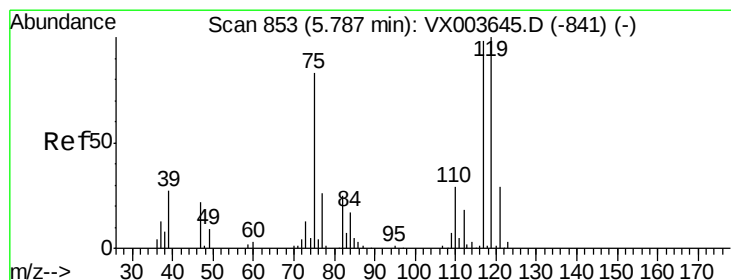
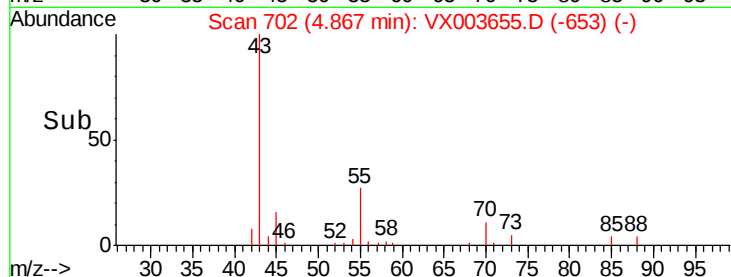
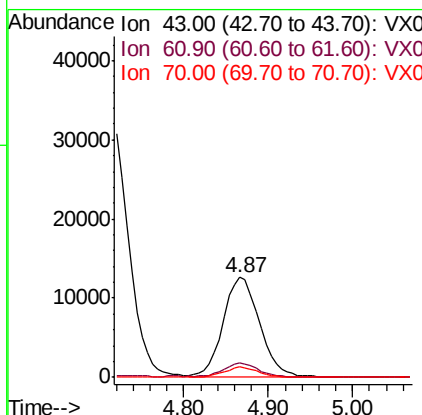
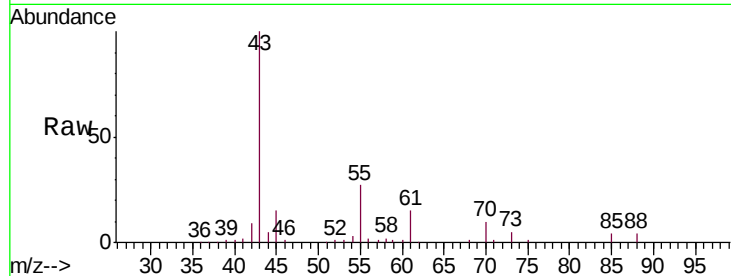
#37
Ethyl Acetate
Concen: 17.83 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.9	17.9
70	10.1	8.6	12.8

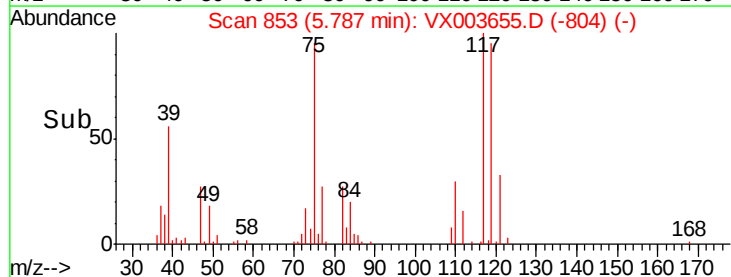
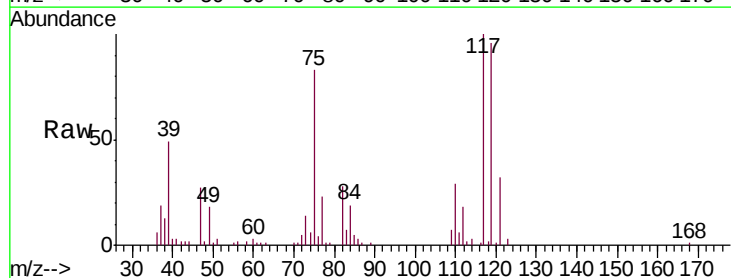
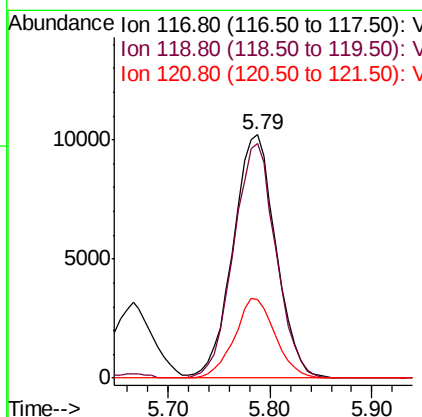
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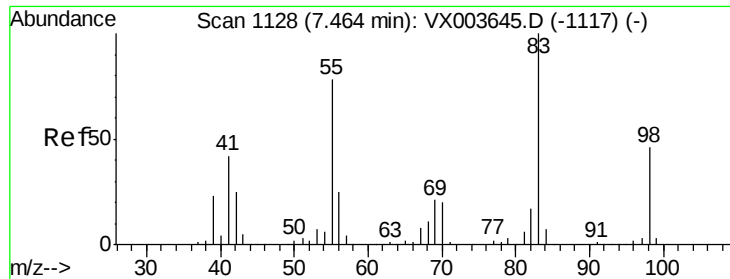
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#38
Carbon Tetrachloride
Concen: 17.93 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	81.0	121.4
121	32.0	23.7	35.5





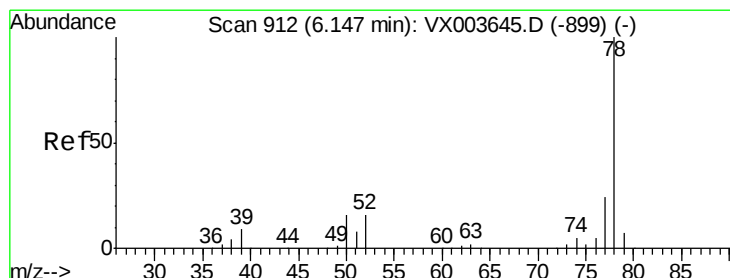
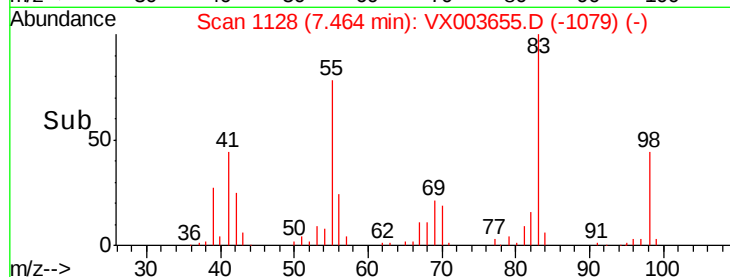
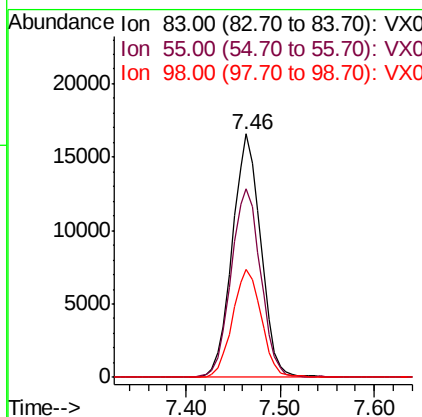
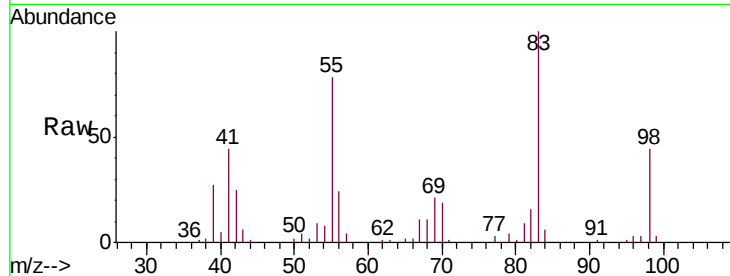
#39
Methvlcvclohexane
Concen: 18.42 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	62.6	93.8
98	44.3	36.6	55.0

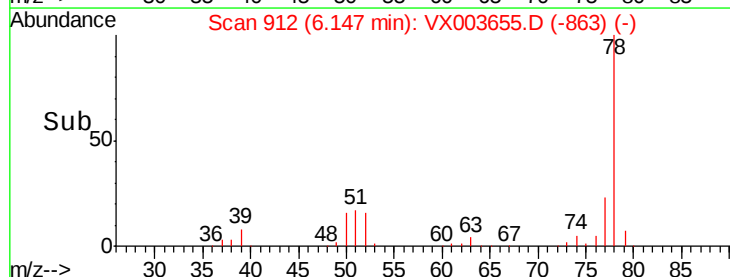
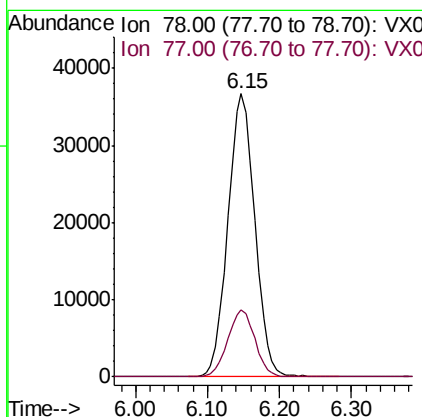
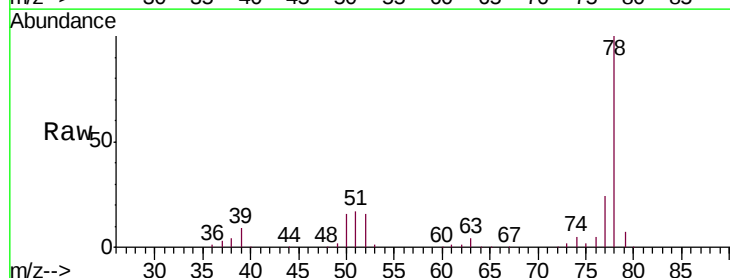
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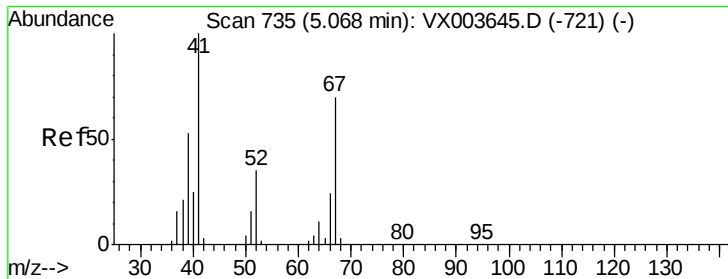
MMDadoda
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#40
Benzene
Concen: 18.72 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6





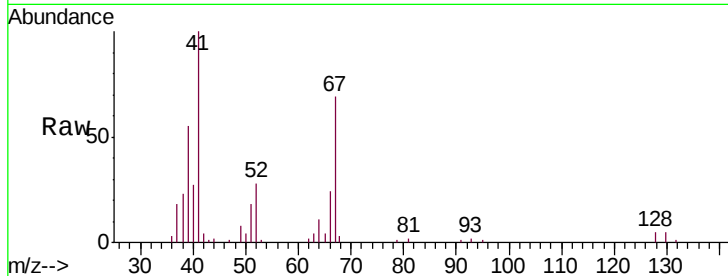
#41
Methacrylonitrile
Concen: 17.86 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

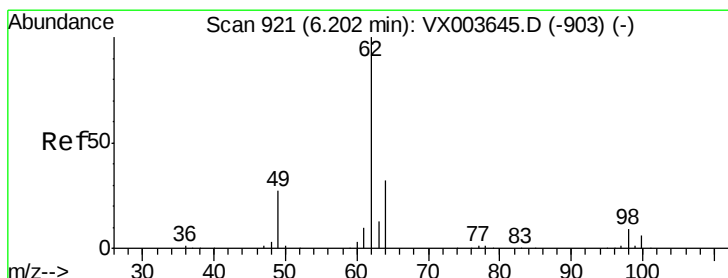
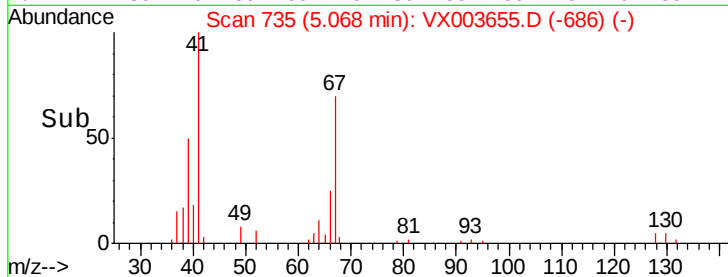
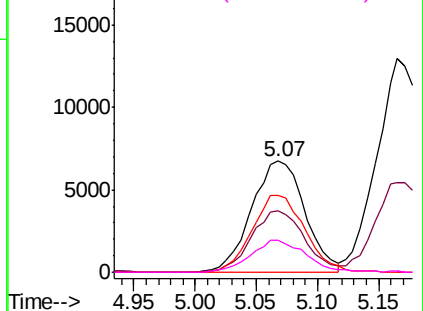
Tot Ion	Ratio	Lower	Upper
41	100		
39	55.3	42.2	63.4
67	68.6	56.6	84.8
52	29.4	24.0	36.0

Manual Integrations
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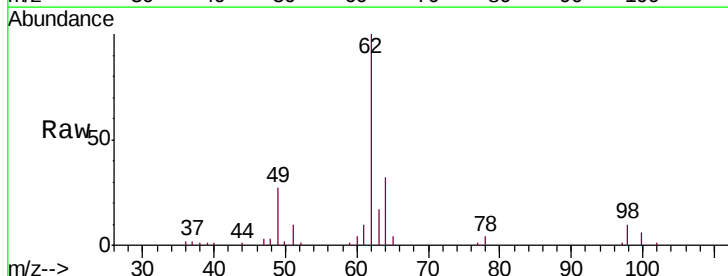


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

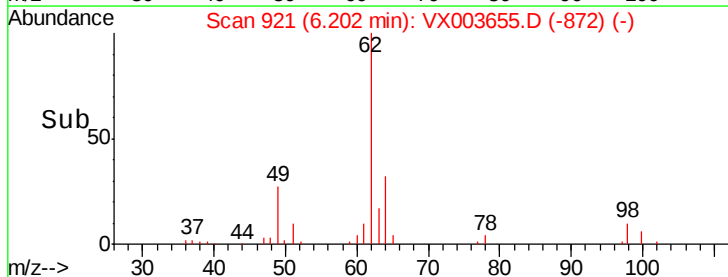
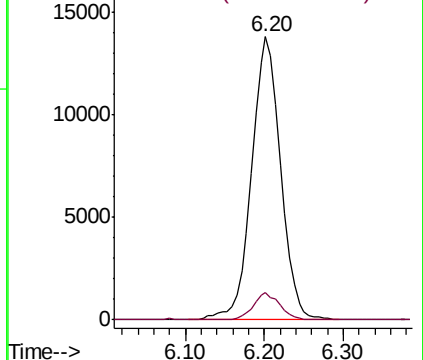


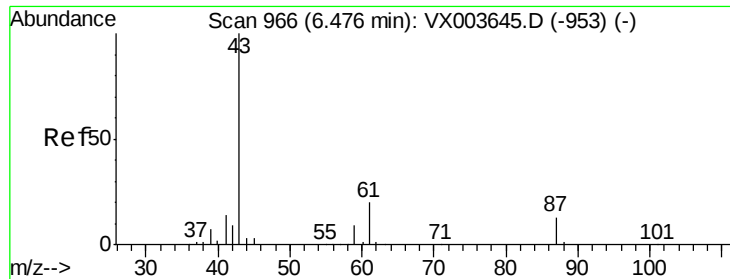
#42
1,2-Dichloroethane
Concen: 19.62 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.4



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





#43

Isopropyl Acetate

Concen: 20.24 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

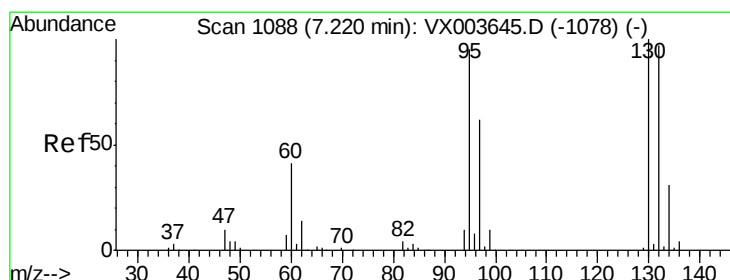
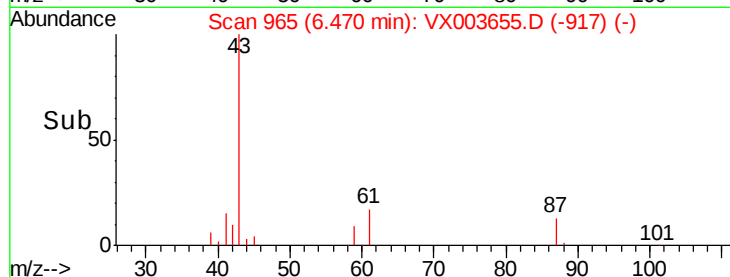
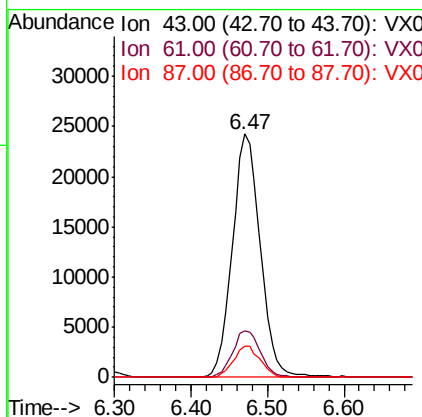
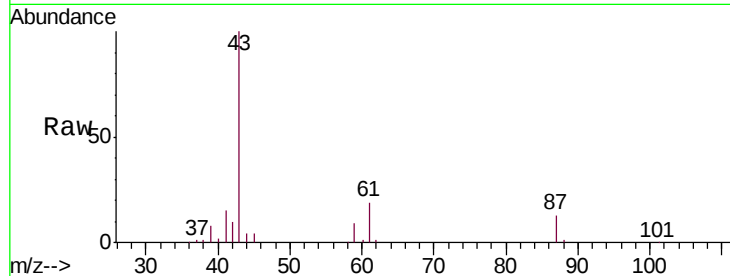
ClientSampleId :

VX0725MBS01

Tot Ion:	43	Resp:	61233
Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.9	23.9
87	12.3	10.1	15.1

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#44

Trichloroethene

Concen: 19.17 ug/l

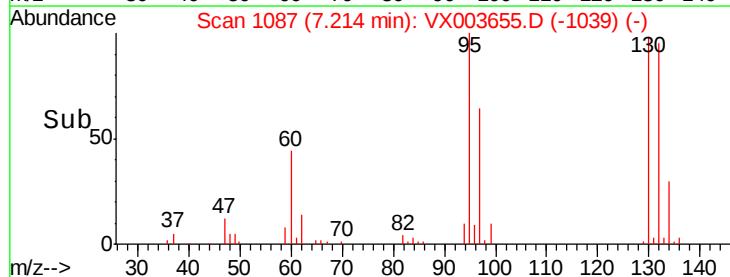
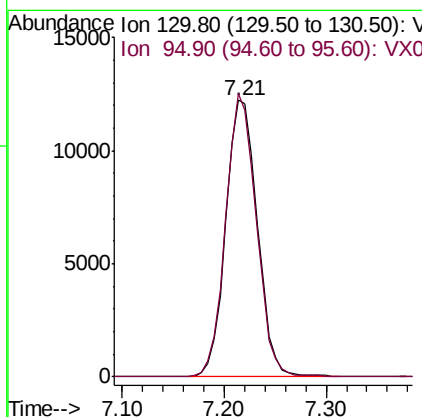
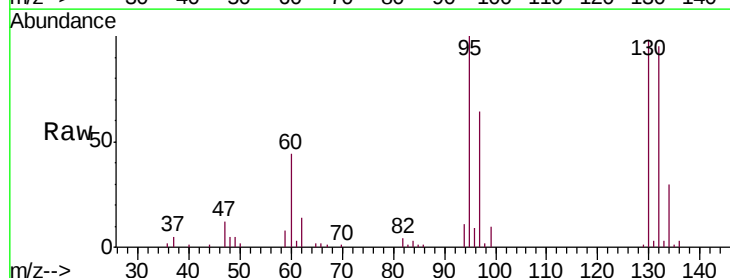
RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Tgt Ion:	130	Resp:	26232
Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	190.0





#45

1,2-Dichloropropane

Concen: 19.92 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampled :

VX0725MBS01

Tot Ion: 63 Resp: 26283

Ion Ratio Lower Upper

63 100

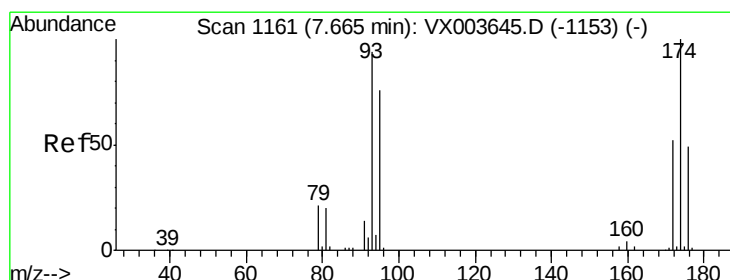
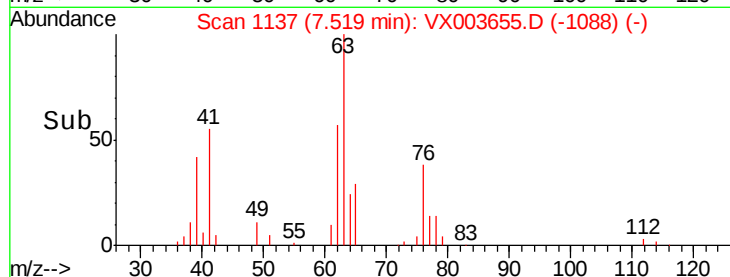
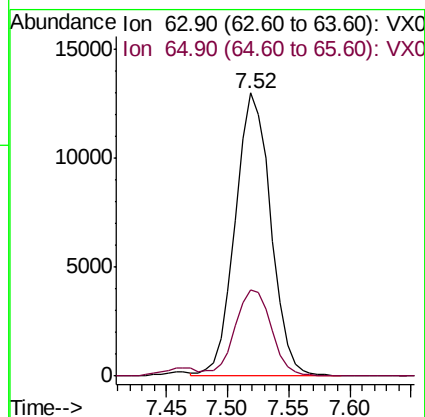
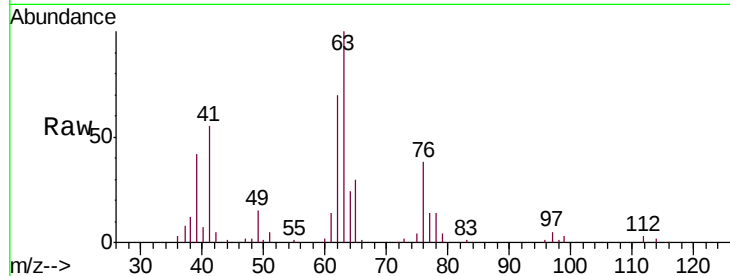
65 30.5 24.0 36.0

Manual Integrations

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#46

Dibromomethane

Concen: 19.50 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

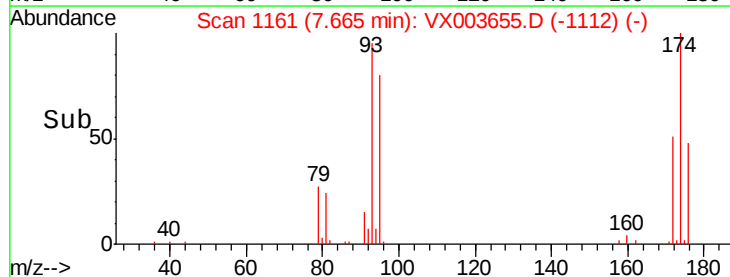
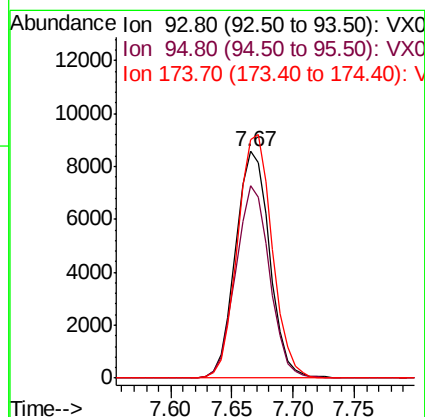
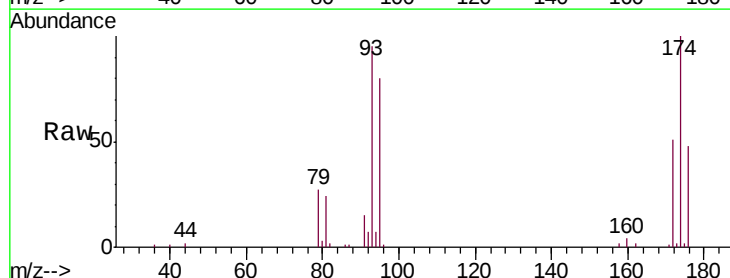
Tgt Ion: 93 Resp: 16528

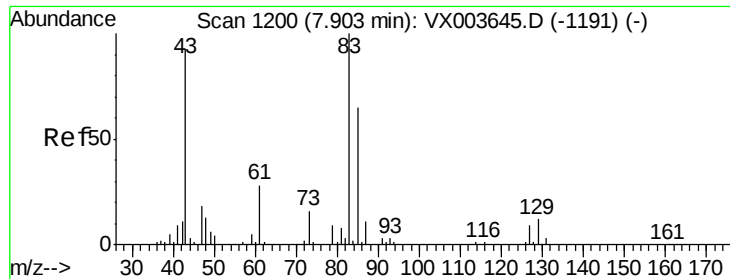
Ion Ratio Lower Upper

93 100

95 84.2 67.0 100.6

174 109.2 89.6 134.4





#47

Bromodichloromethane

Concen: 19.83 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

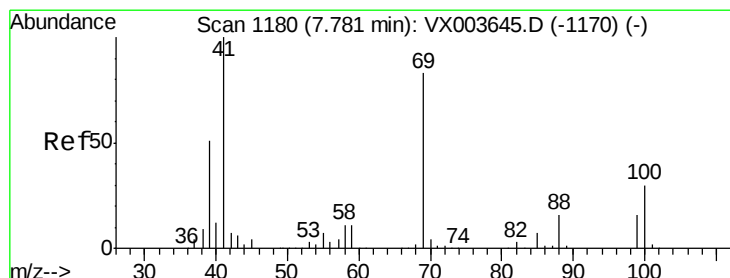
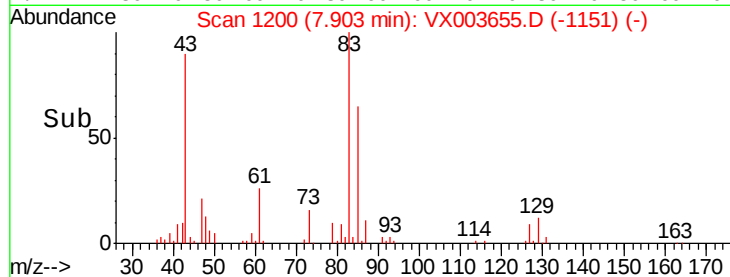
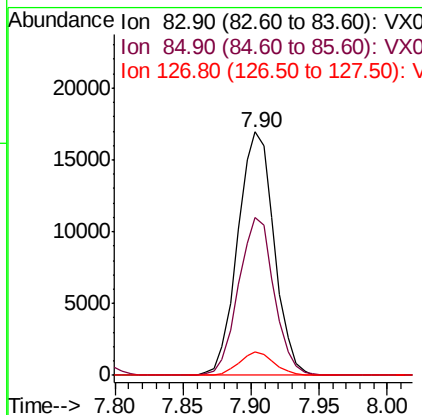
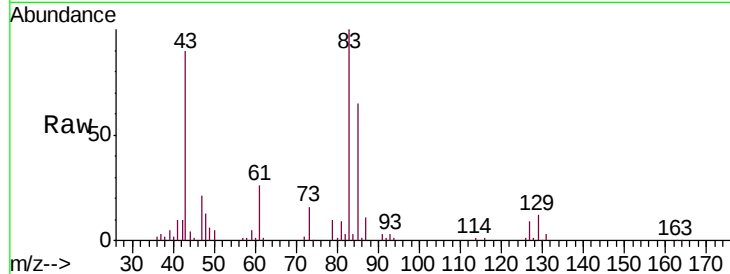
ClientSampleId :

VX0725MBS01

Tot Ion:	83	Resp:	31520
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.8	77.6
127	9.4	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.10 ug/l

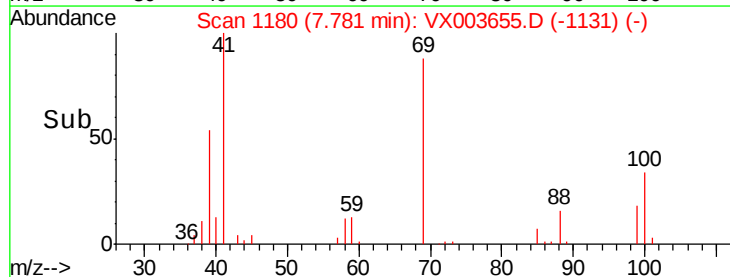
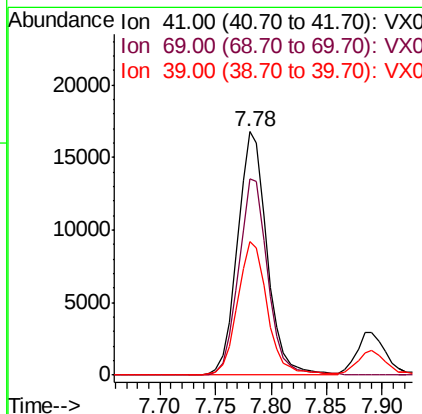
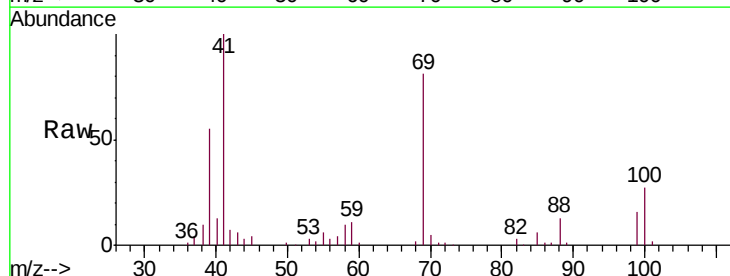
RT: 7.78 min Scan# 1180

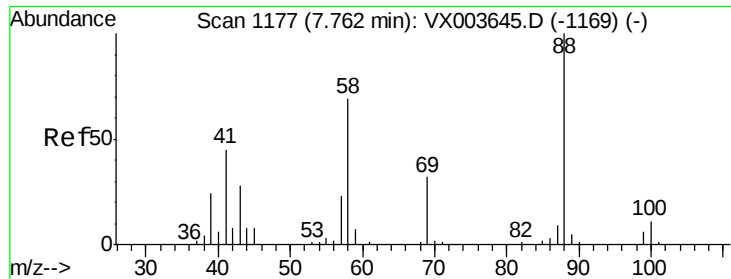
Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Tgt Ion:	41	Resp:	30858
Ion	Ratio	Lower	Upper
41	100		
69	79.8	66.9	100.3
39	55.3	41.2	61.8





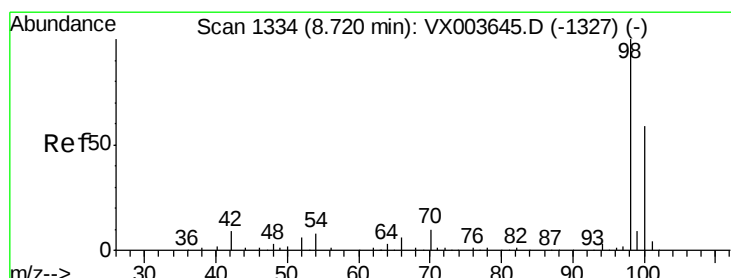
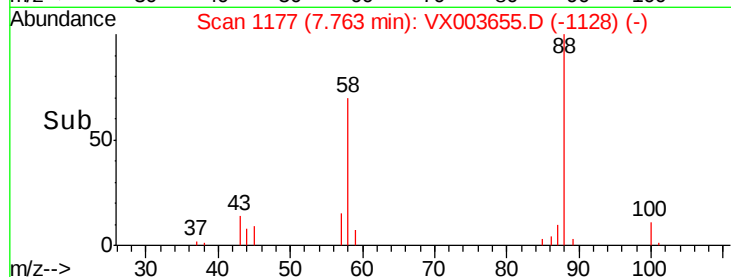
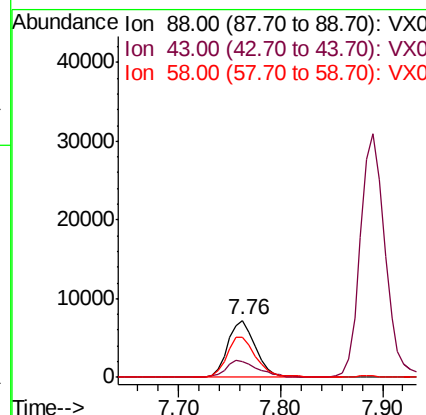
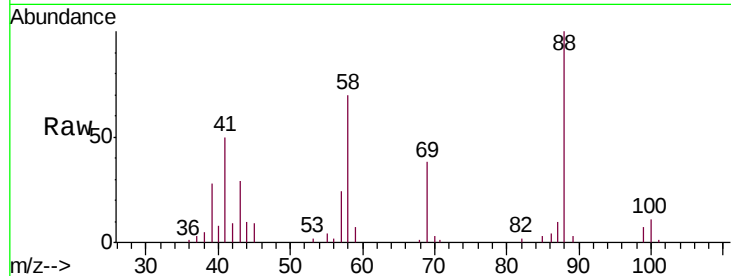
#49
1,4-Dioxane
Concen: 403.40 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	25.8	38.6
58	73.6	58.3	87.5

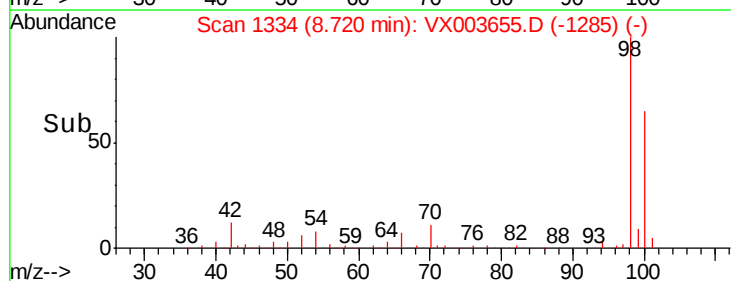
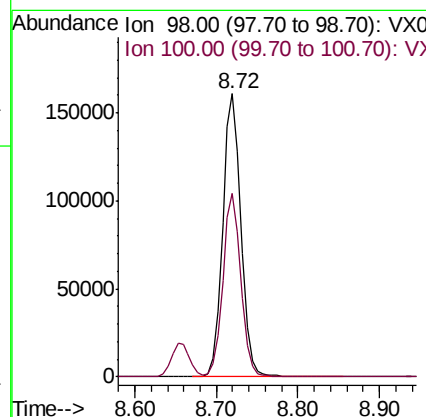
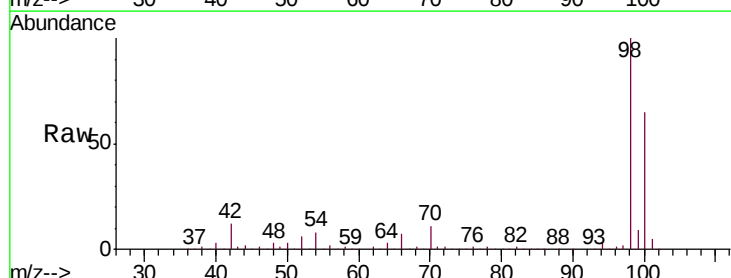
Manual Integrations
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#50
Toluene-d8
Concen: 54.51 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 108.87 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

Tot Ion: 43 Resp: 222262

Ion Ratio Lower Upper

43 100

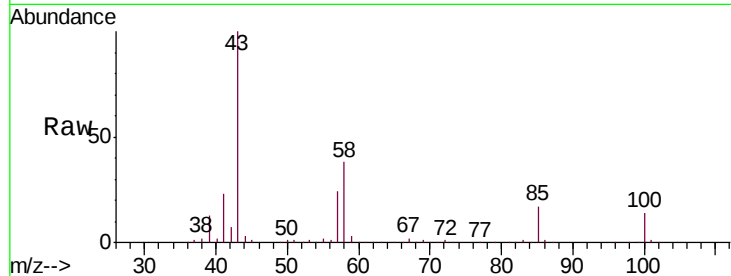
58 37.8 31.5 47.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

150000

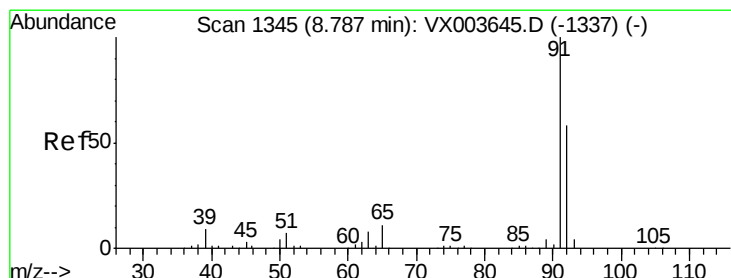
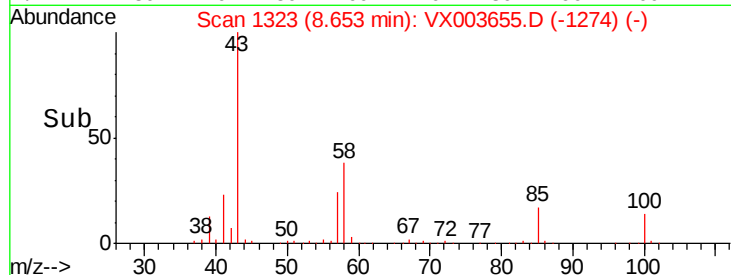
100000

50000

0

8.60 8.65 8.70 8.80

Time-->



#52

Toluene

Concen: 20.95 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003655.D

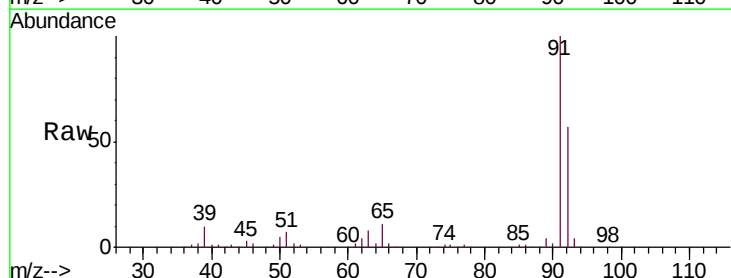
Acq: 25 Jul 2018 13:39

Tgt Ion: 92 Resp: 66463

Ion Ratio Lower Upper

92 100

91 174.7 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

80000

60000

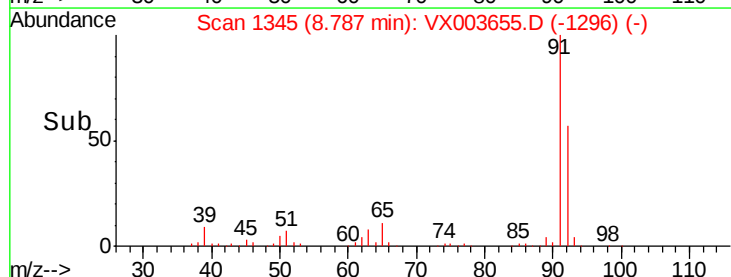
40000

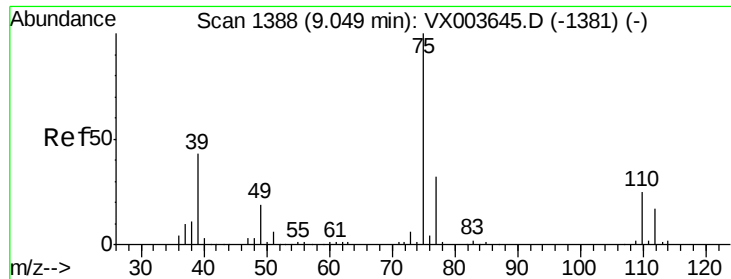
20000

0

8.70 8.75 8.80 8.85 8.90

Time-->





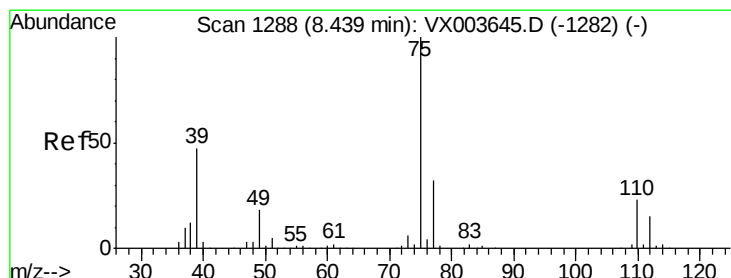
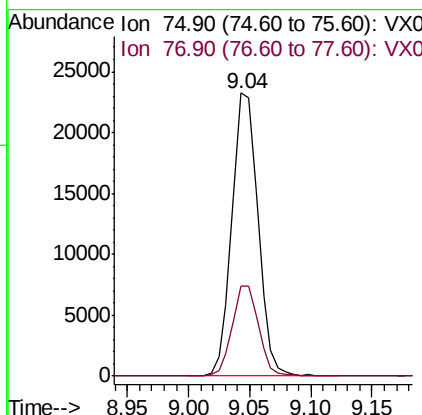
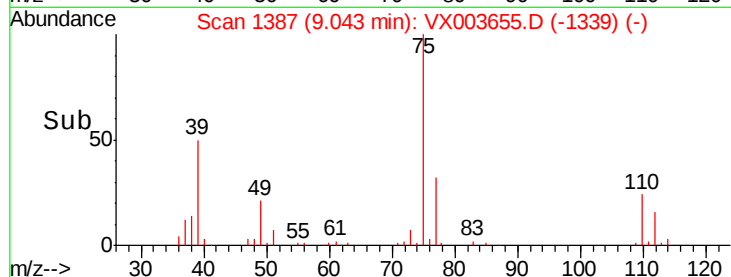
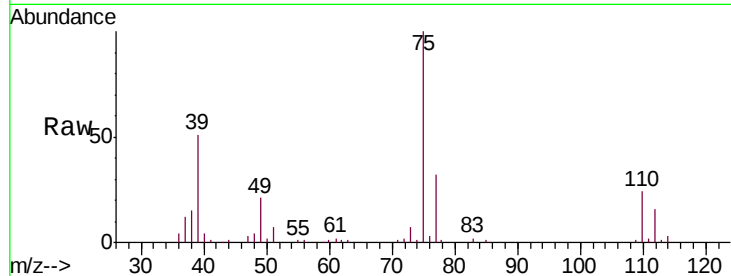
#53
 t-1,3-Dichloropropene
 Concen: 19.51 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

Tot Ion: 75 Resp: 34329
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.6

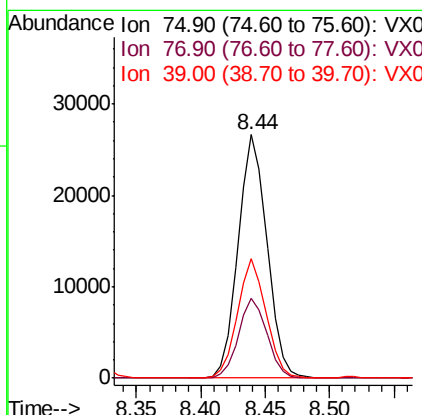
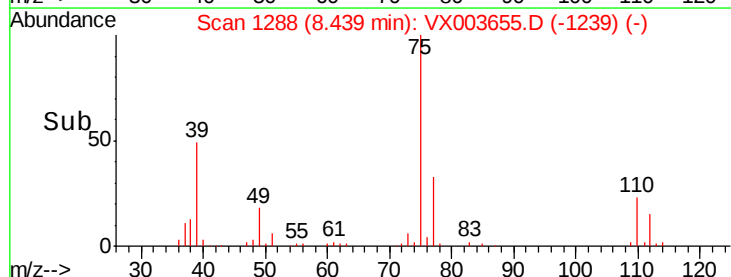
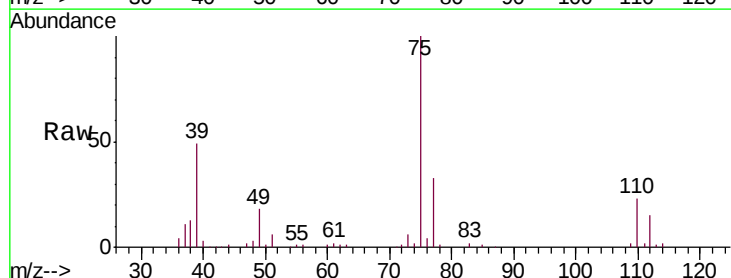
Manual Integrations
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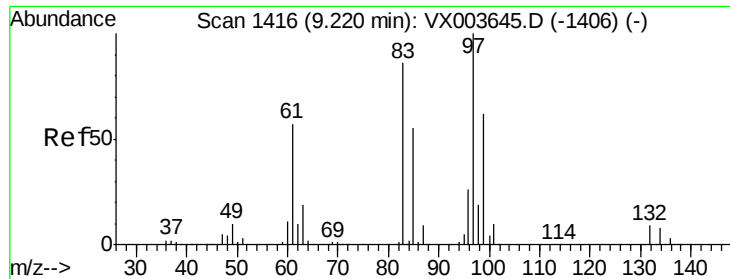
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 21.37 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Tgt Ion: 75 Resp: 41382
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.2 37.8
 39 48.9 38.0 57.0





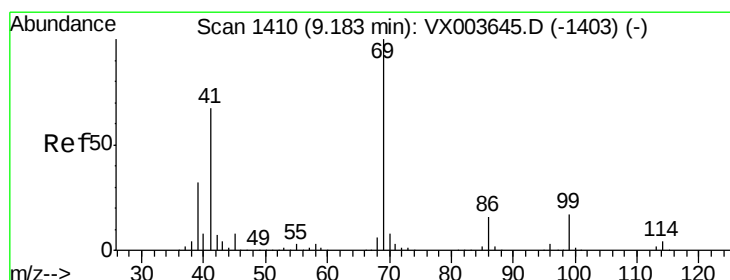
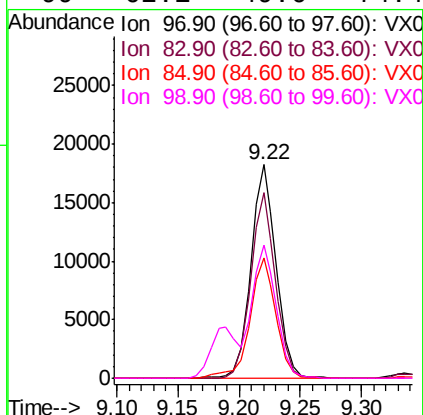
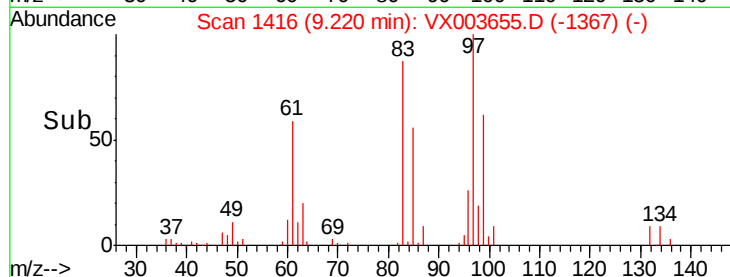
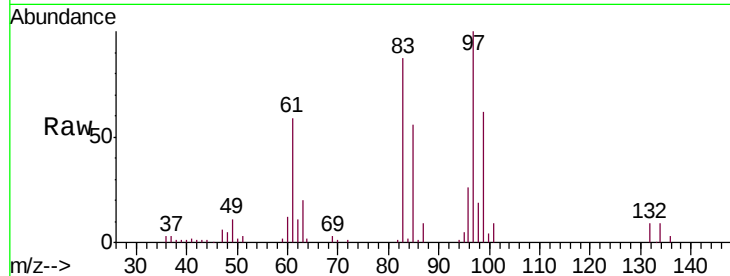
#55
 1,1,2-Trichloroethane
 Concen: 20.15 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		26129		
83	86.7	68.7	103.1		
85	56.3	43.7	65.5		
99	62.1	49.6	74.4		

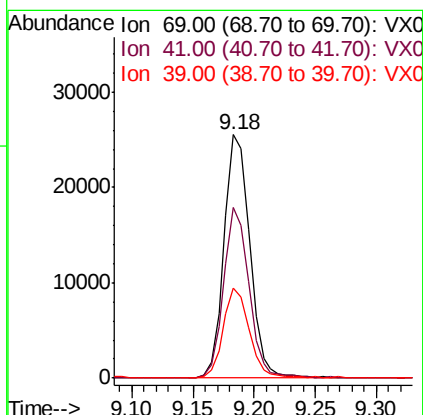
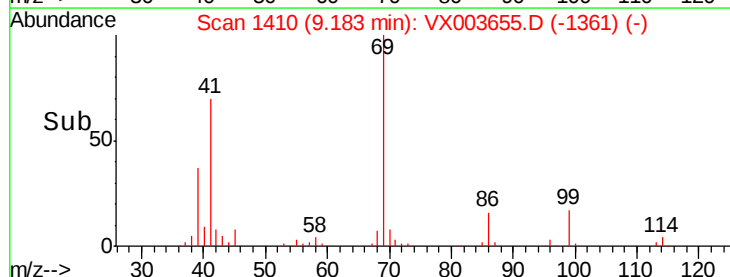
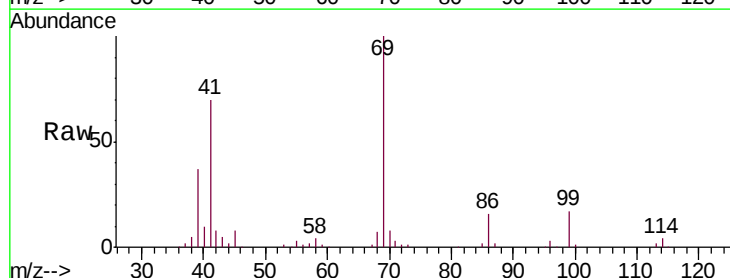
Manual Integrations
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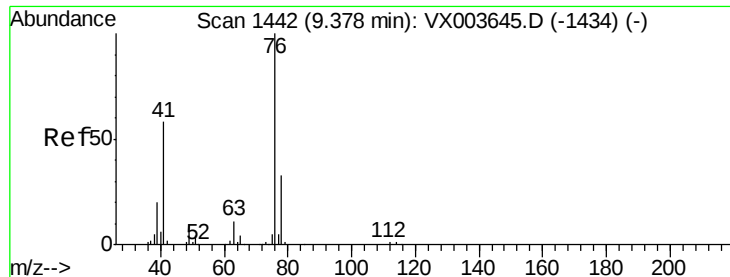
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 19.38 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		37408		
41	69.0	53.8	80.6		
39	37.4	25.8	38.8		





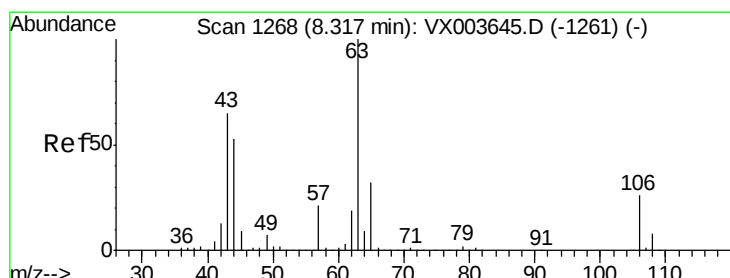
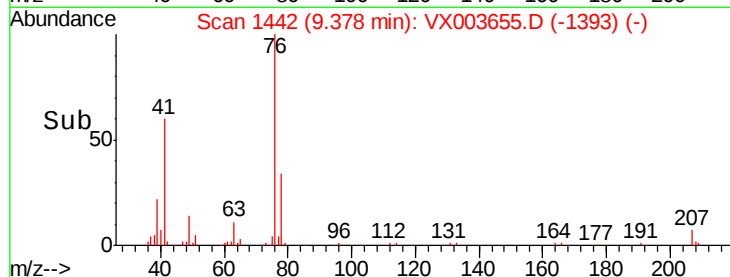
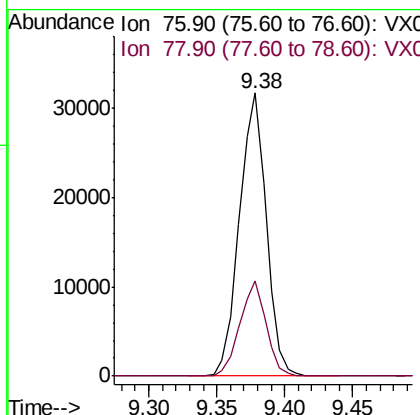
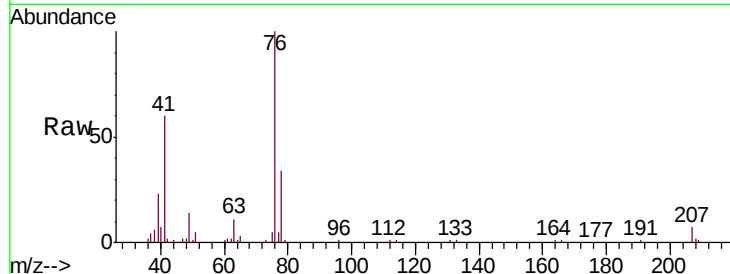
#57
 1,3-Dichloropropane
 Concen: 20.12 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

Tot Ion: 76 Resp: 43814
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.6 38.4

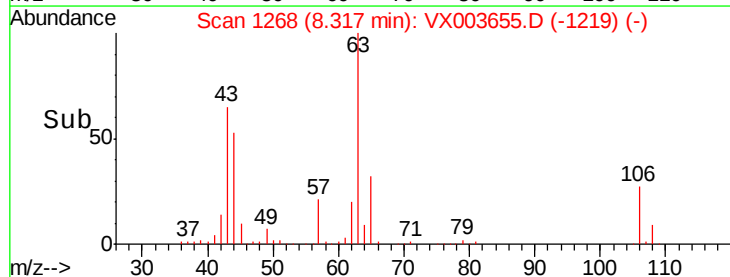
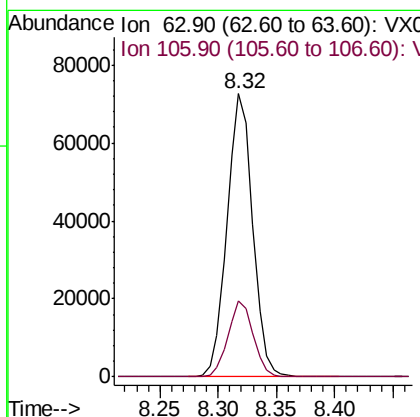
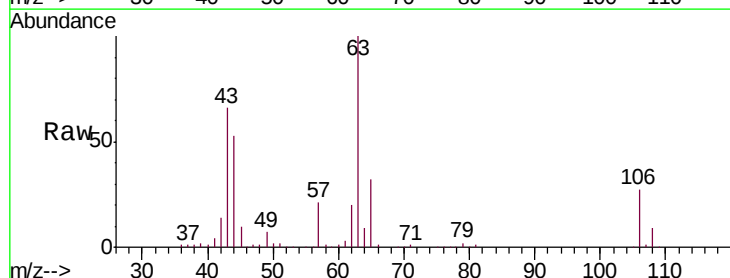
Manual Integrations
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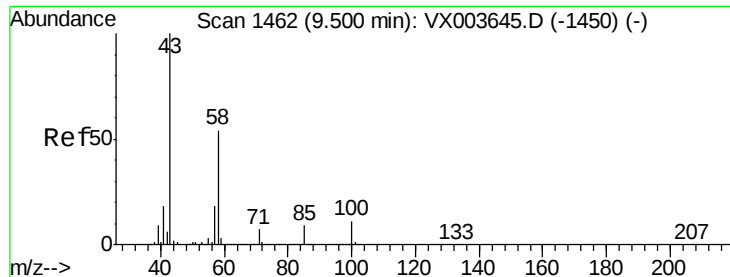
MMDadoda
 7/27/2018 5:29:43 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 114.70 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Tgt Ion: 63 Resp: 111242
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.5 32.3





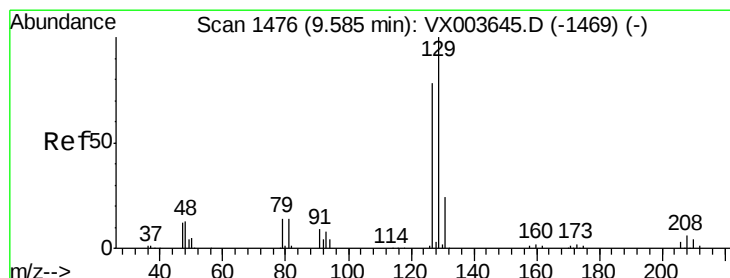
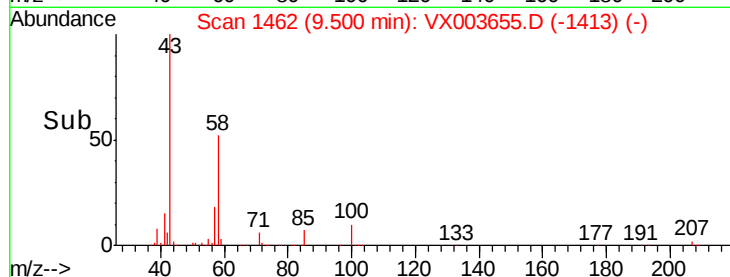
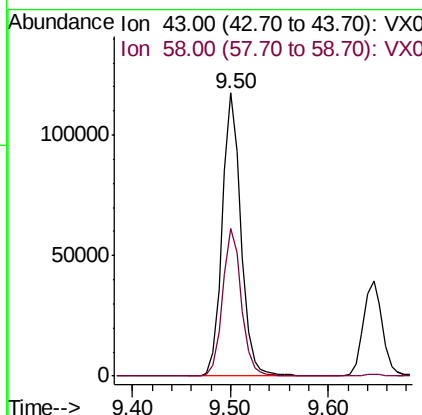
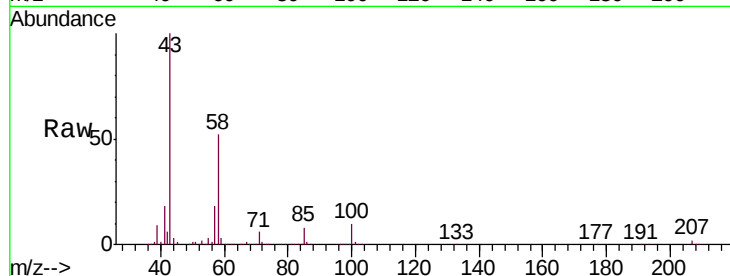
#59
2-Hexanone
Concen: 99.64 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tot Ion: 43 Resp: 156050
Ion Ratio Lower Upper
43 100
58 52.3 27.3 81.9

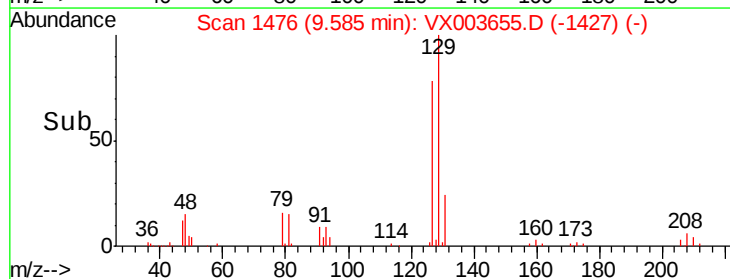
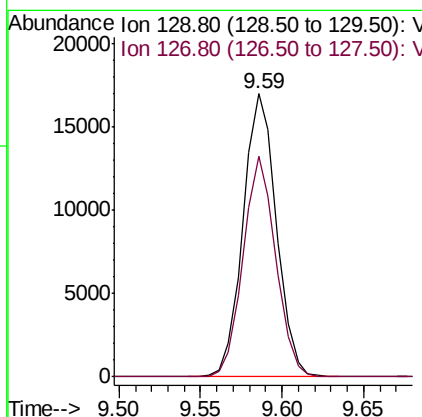
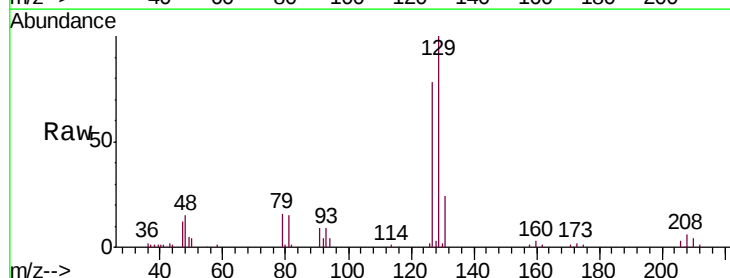
Manual Integrations
APPROVED

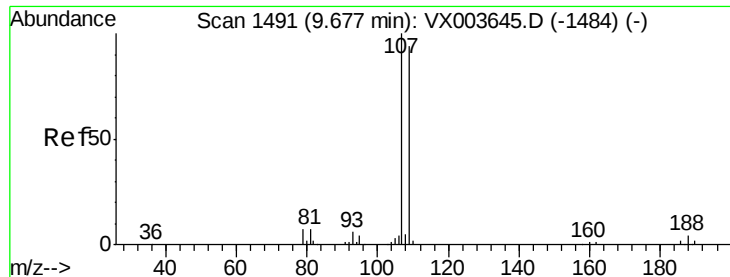
MMDadoda
7/27/2018 5:29:43 PM



#60
Dibromochloromethane
Concen: 19.70 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion: 129 Resp: 24233
Ion Ratio Lower Upper
129 100
127 76.0 38.7 116.1





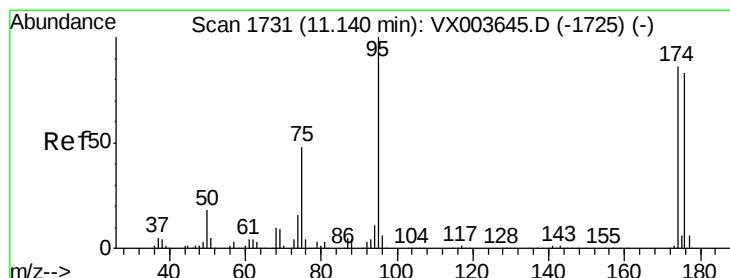
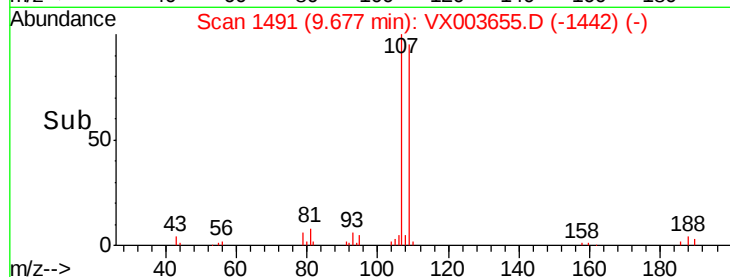
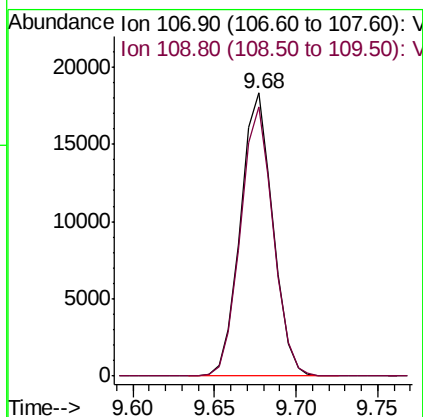
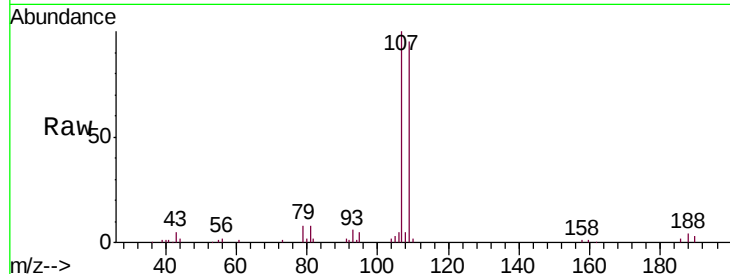
#61
 1,2-Dibromoethane
 Concen: 18.80 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

Tot Ion:107 Resp: 25391
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.4 113.2

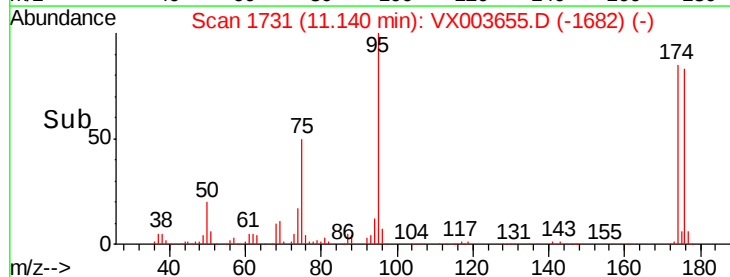
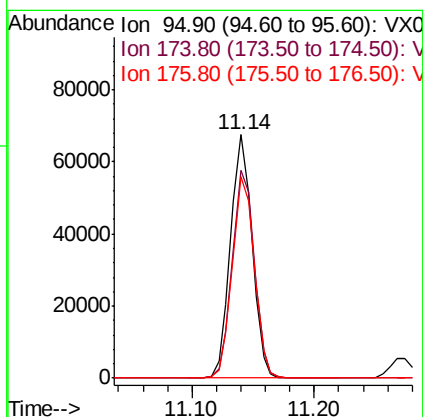
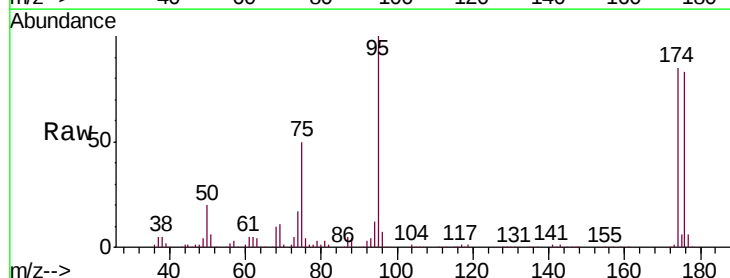
Manual Integrations
 APPROVED

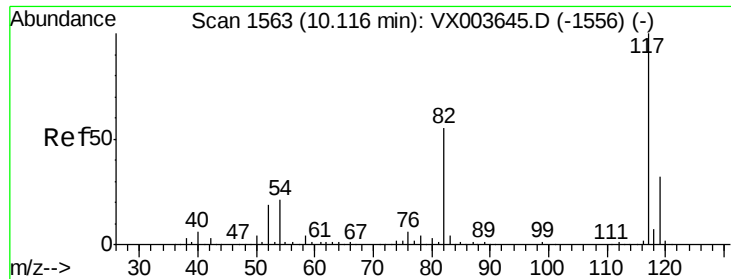
MMDadoda
 7/27/2018 5:29:43 PM



#62
 4-Bromofluorobenzene
 Concen: 48.79 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Tgt Ion: 95 Resp: 81931
 Ion Ratio Lower Upper
 95 100
 174 87.9 0.0 179.0
 176 84.7 0.0 173.0





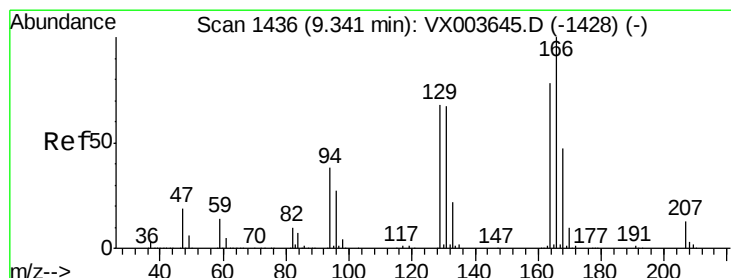
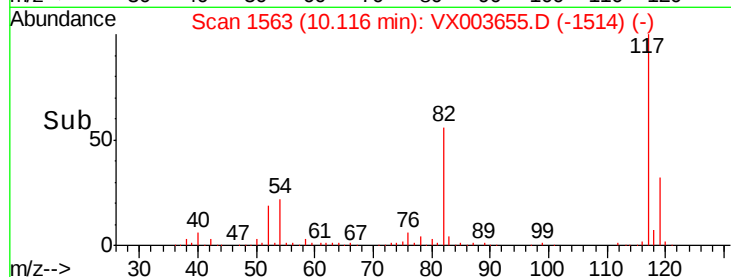
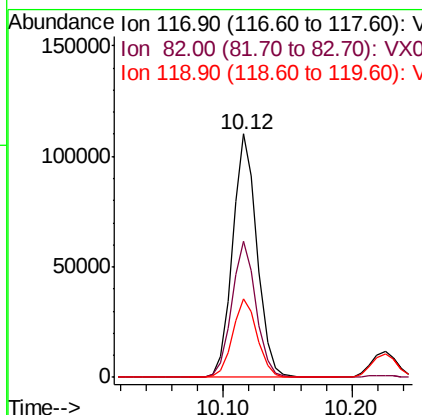
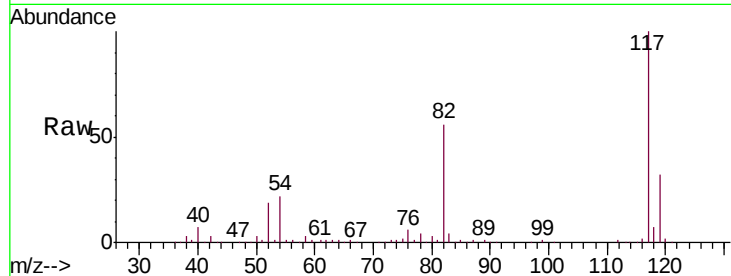
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.3	66.5
119	32.0	25.6	38.4

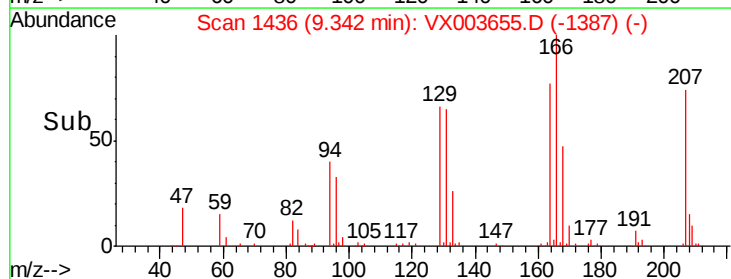
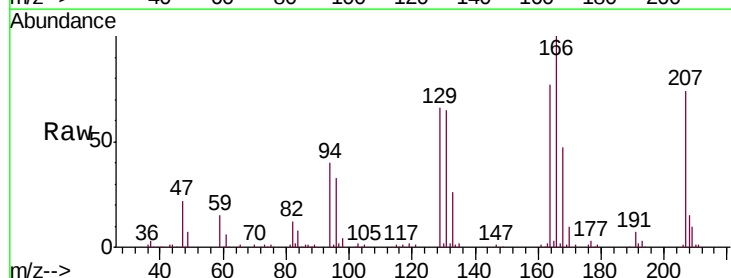
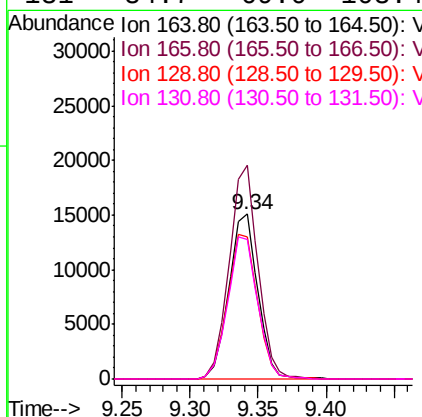
Manual Integrations
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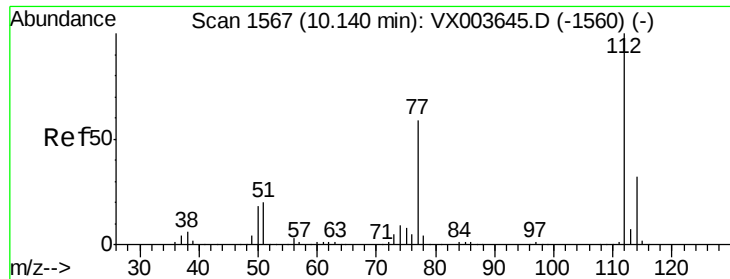
MMDadoda
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#64
Tetrachloroethene
Concen: 16.83 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	102.4	153.6
129	86.1	69.6	104.4
131	84.7	69.0	103.4





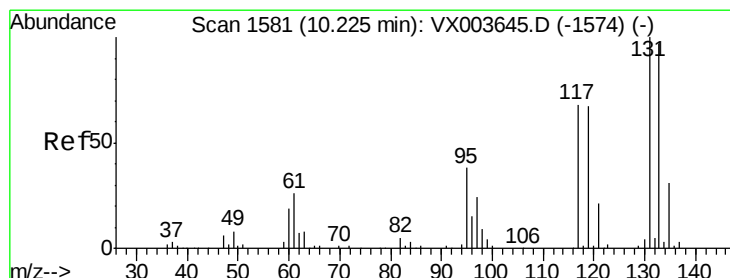
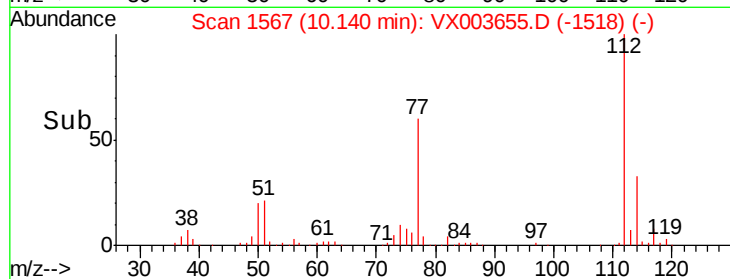
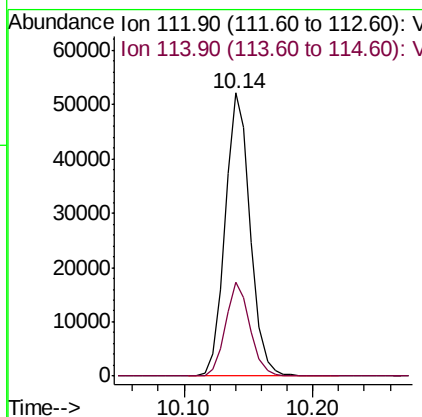
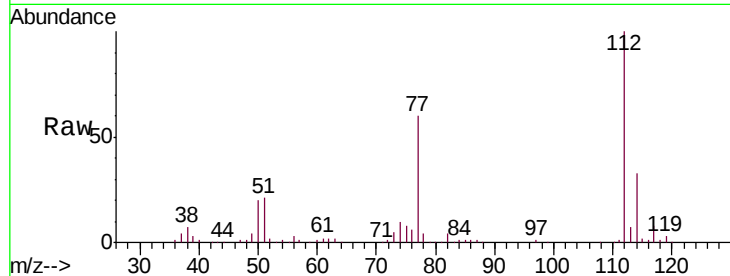
#65
Chlorobenzene
Concen: 19.39 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Instrument :
MSVOA_X
ClientSampled :
VX0725MBS01

Tot Ion:112 Resp: 71077
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8

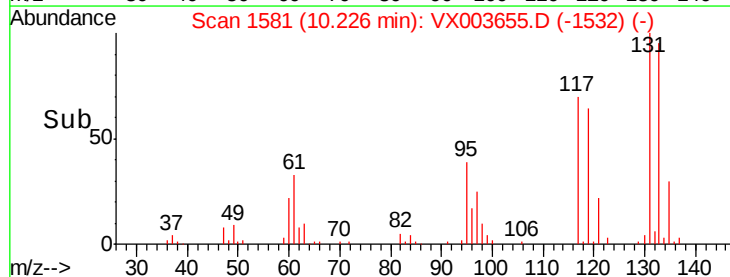
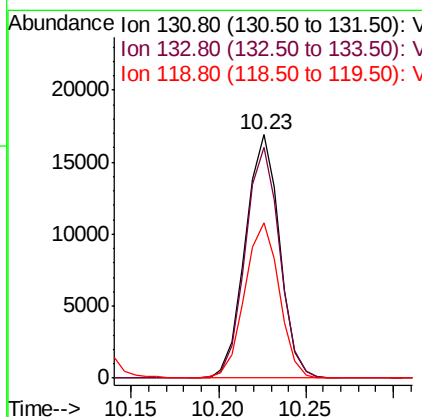
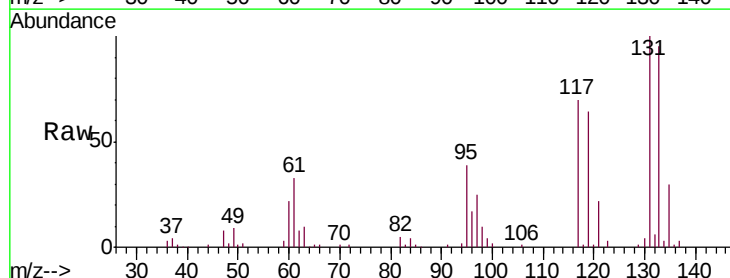
Manual Integrations
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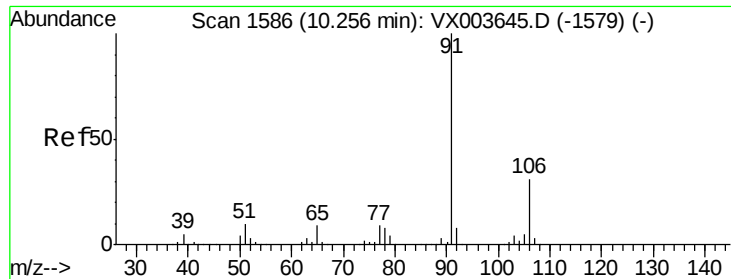
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.17 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion:131 Resp: 23149
Ion Ratio Lower Upper
131 100
133 95.0 47.6 142.8
119 64.4 32.8 98.4





#67

Ethyl Benzene

Concen: 18.44 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampled :

VX0725MBS01

Tot Ion: 91 Resp: 113120

Ion Ratio Lower Upper

91 100

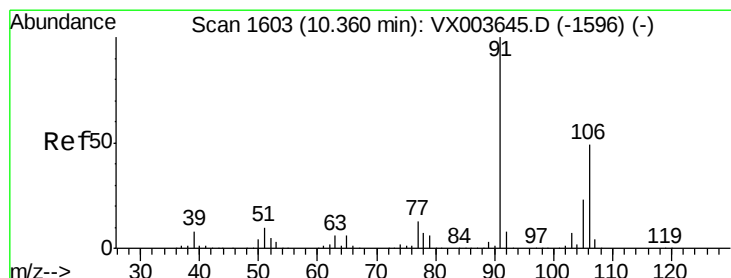
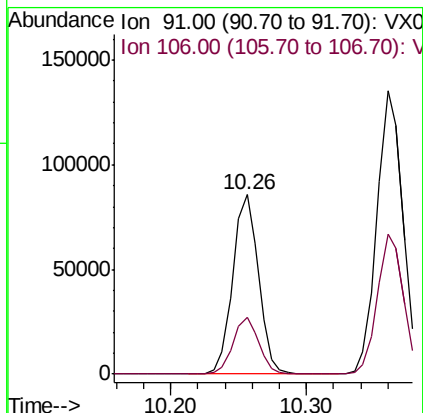
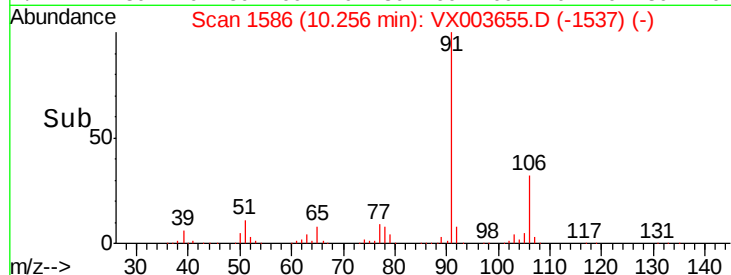
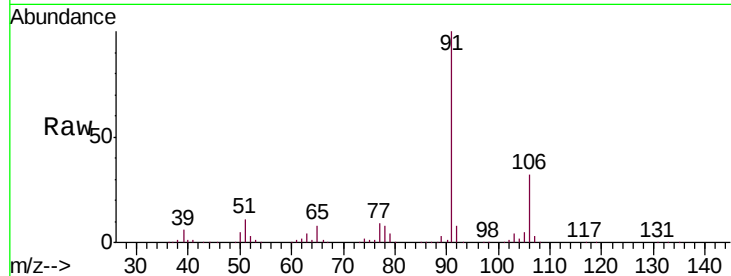
106 31.6 25.0 37.6

Manual Integrations

APPROVED

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#68

m/p-Xylenes

Concen: 37.81 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003655.D

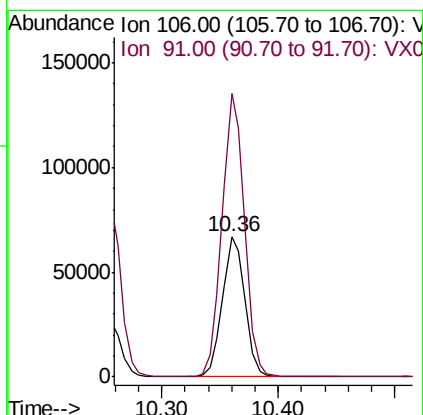
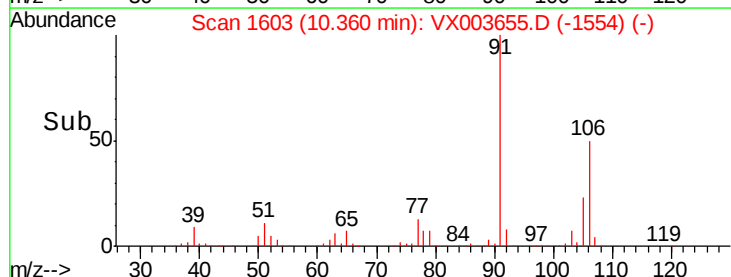
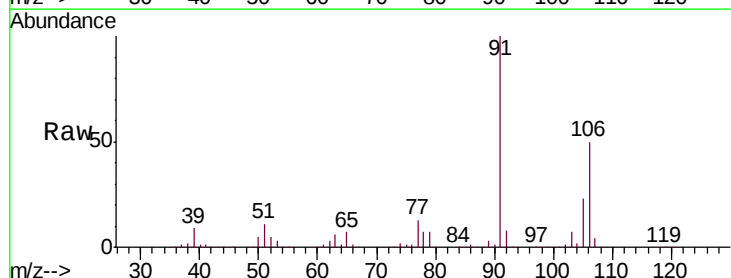
Acq: 25 Jul 2018 13:39

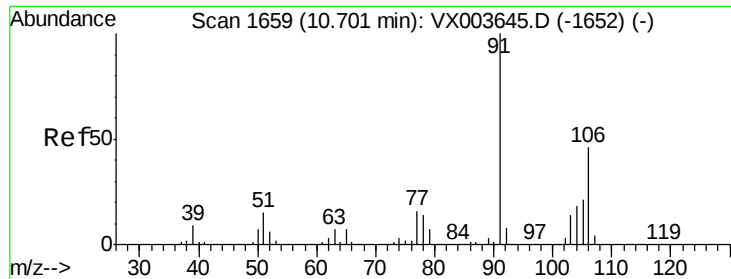
Tgt Ion: 106 Resp: 88991

Ion Ratio Lower Upper

106 100

91 203.0 162.2 243.2





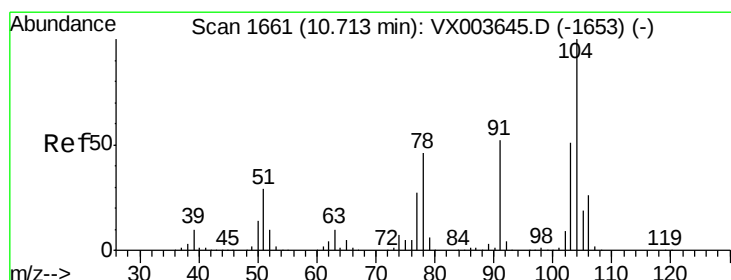
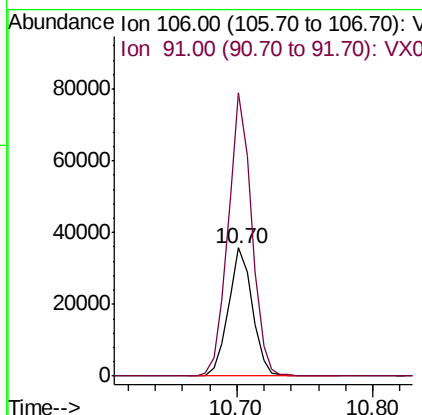
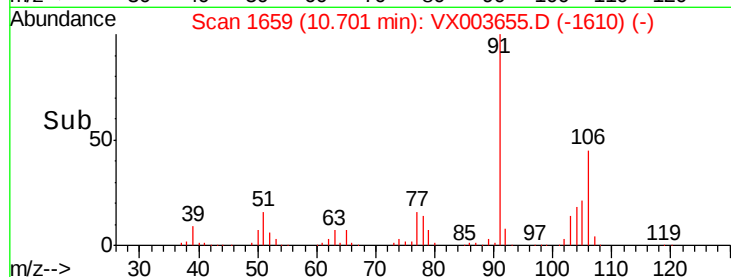
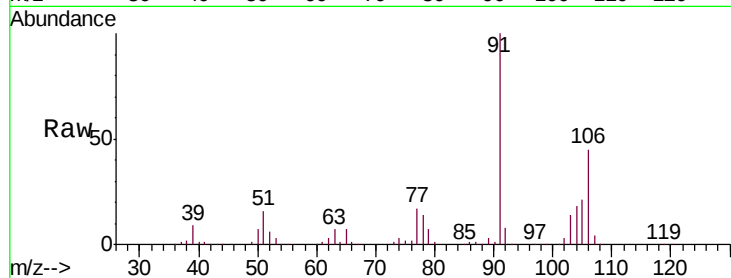
#69
o-Xylene
Concen: 19.25 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tot Ion:106 Resp: 43632
Ion Ratio Lower Upper
106 100
91 217.5 107.1 321.1

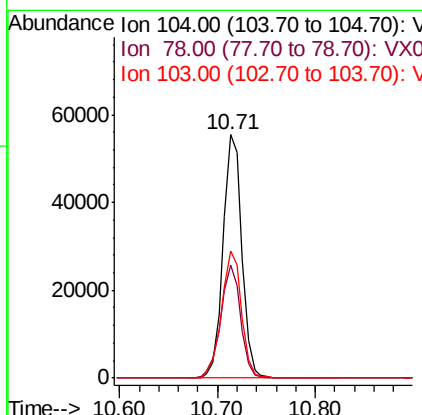
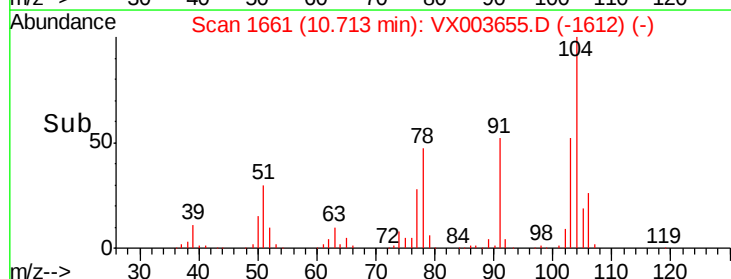
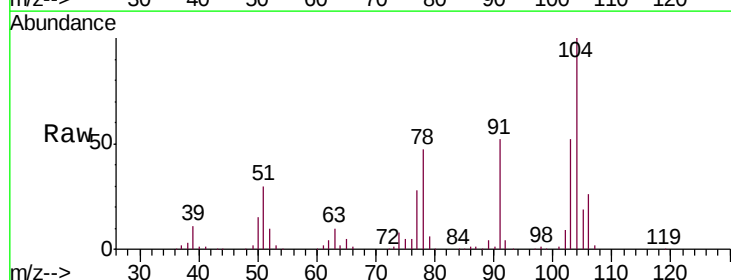
Manual Integrations
APPROVED

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7/27/2018 5:29:43 PM



#70
Styrene
Concen: 19.47 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion:104 Resp: 74108
Ion Ratio Lower Upper
104 100
78 49.4 39.2 58.8
103 55.6 44.2 66.4





#71

Bromoform

Concen: 17.38 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

Tot Ion:173 Resp: 17512

Ion Ratio Lower Upper

173 100

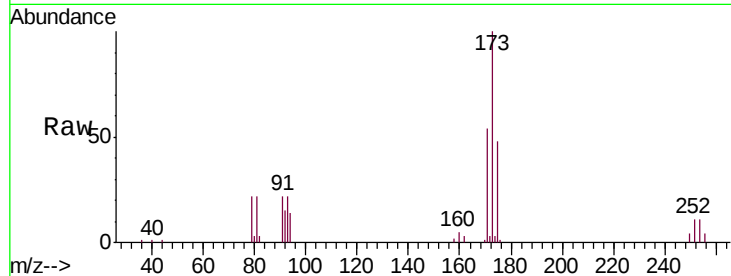
175 48.1 24.1 72.2

254 0.0 0.0 0.0

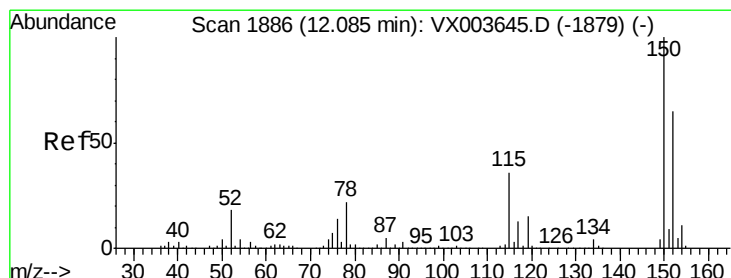
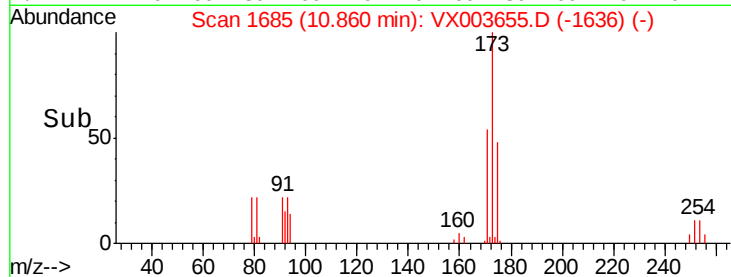
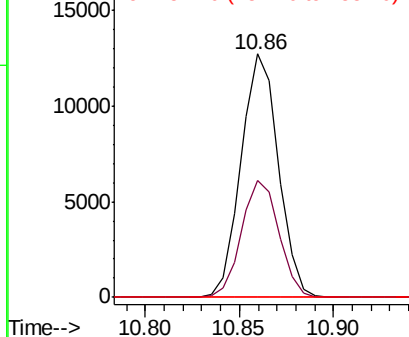
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

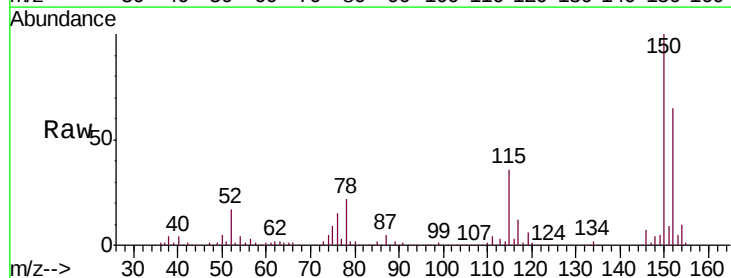
Tgt Ion:152 Resp: 93947

Ion Ratio Lower Upper

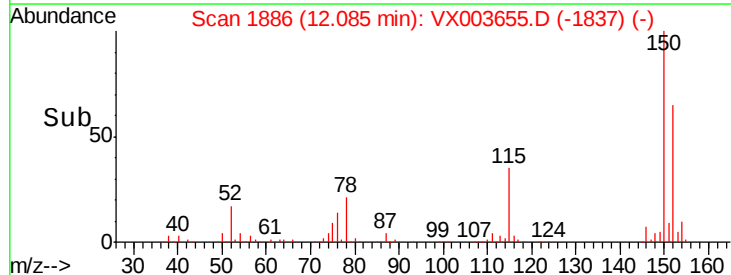
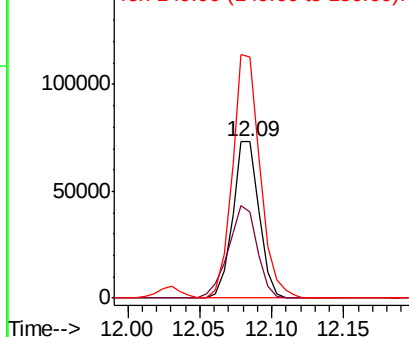
152 100

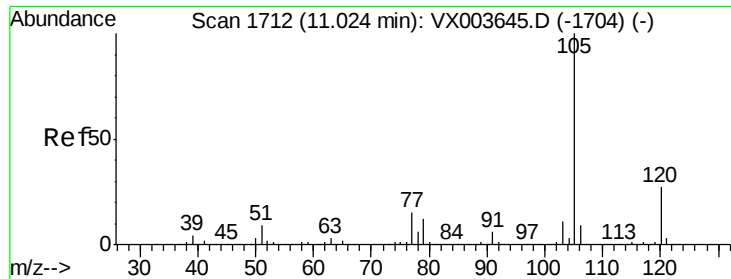
115 64.9 40.0 119.9

150 163.2 0.0 348.4



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





#73

Isopropylbenzene

Concen: 17.60 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

Tot Ion: 105 Resp: 112998

Ion Ratio Lower Upper

105 100

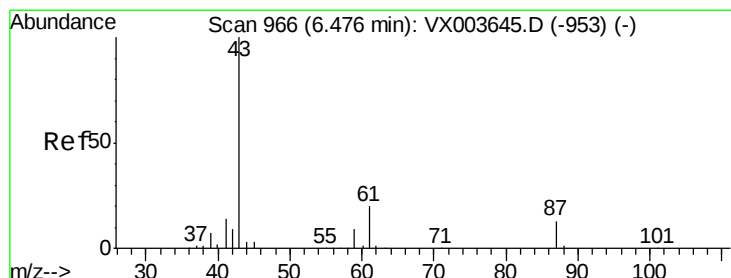
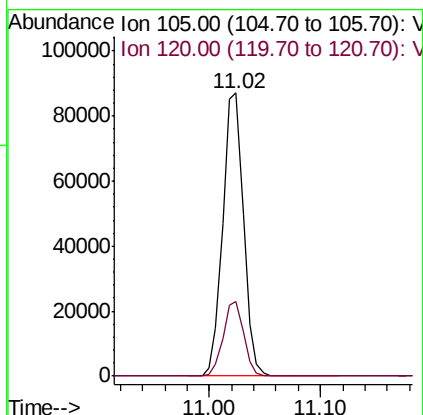
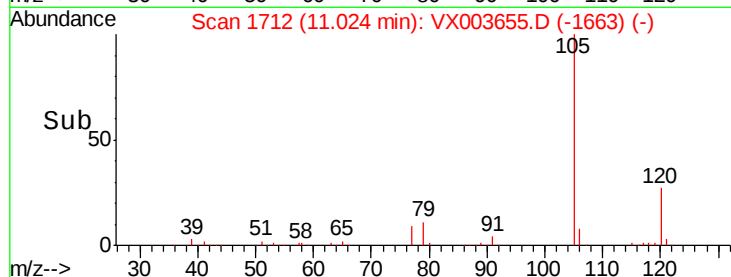
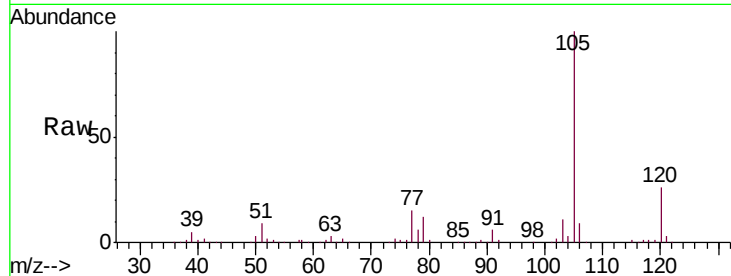
120 26.1 13.5 40.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.29 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Tgt Ion: 43 Resp: 61233

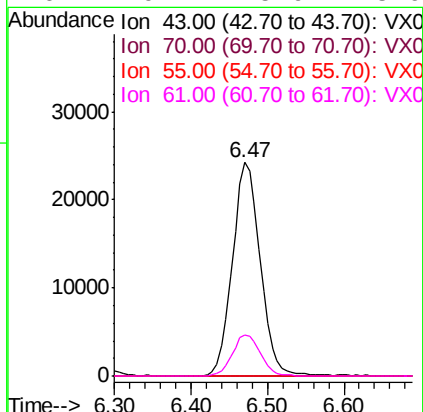
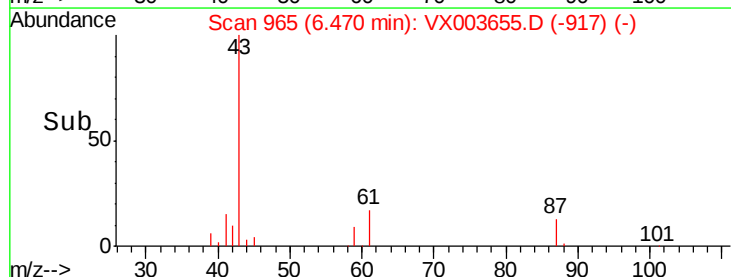
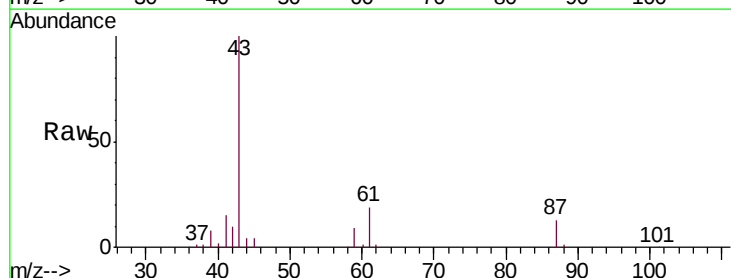
Ion Ratio Lower Upper

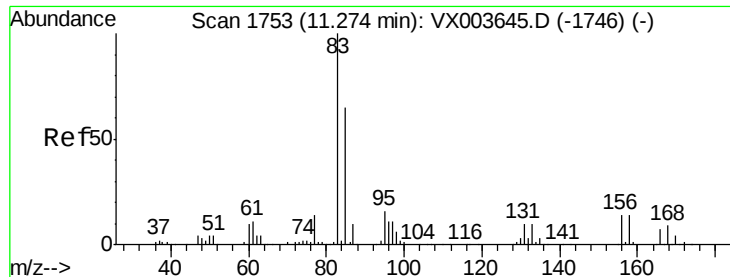
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.2 15.9 23.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.80 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

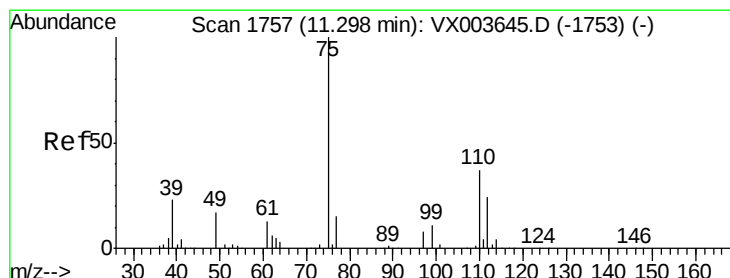
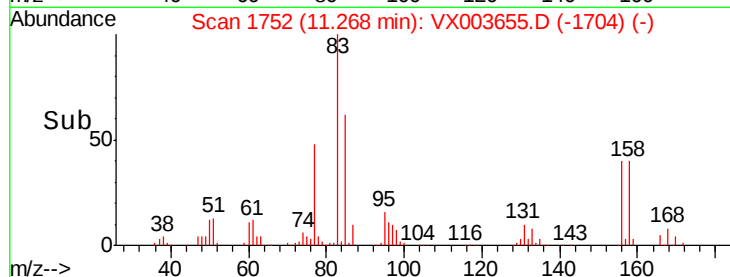
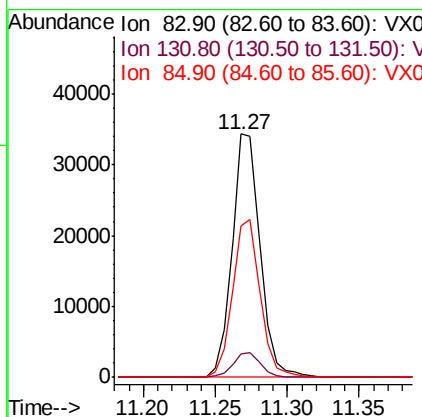
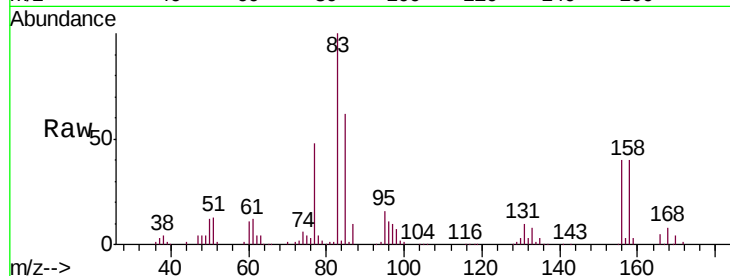
ClientSampleId :

VX0725MBS01

Tot Ion:	83	Resp:	46939
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.1	15.4
85	64.2	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 20.58 ug/l m

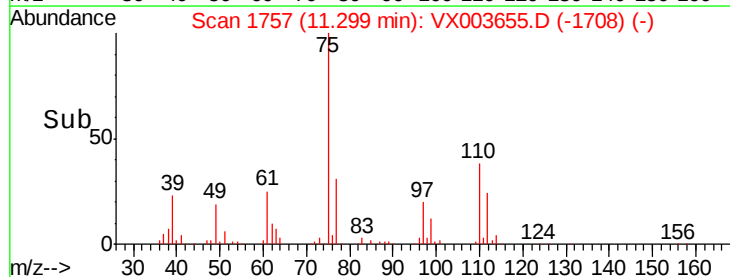
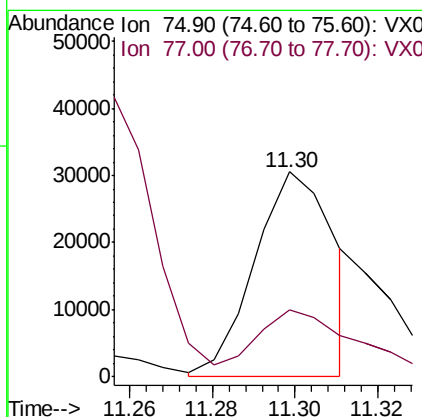
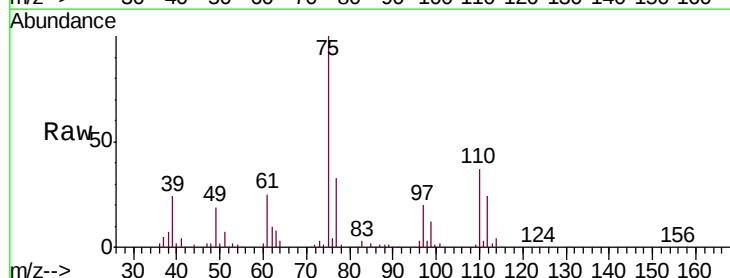
RT: 11.30 min Scan# 1757

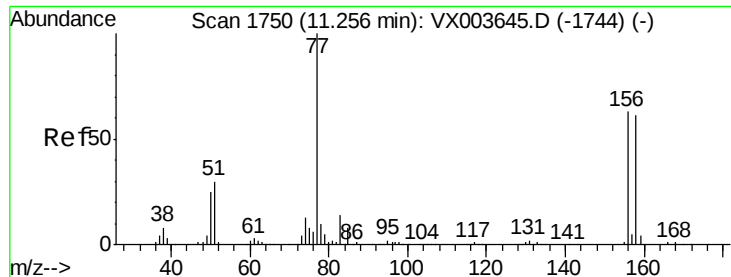
Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Tgt Ion:	75	Resp:	40550
Ion	Ratio	Lower	Upper
75	100		
77	42.3	21.6	64.6





#77

Bromobenzene

Concen: 20.11 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

Tot Ion:156 Resp: 35062

Ion Ratio Lower Upper

156 100

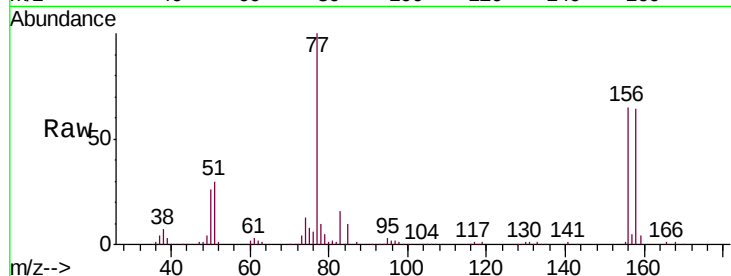
77 151.2 74.9 224.6

158 97.7 48.4 145.2

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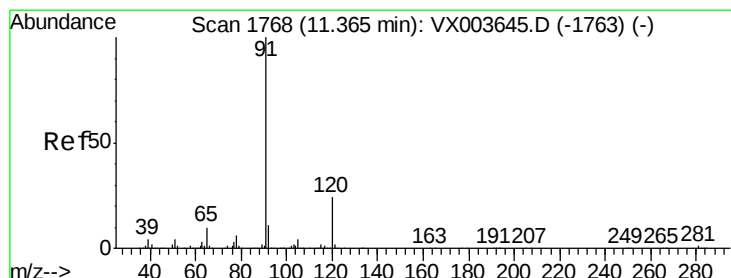
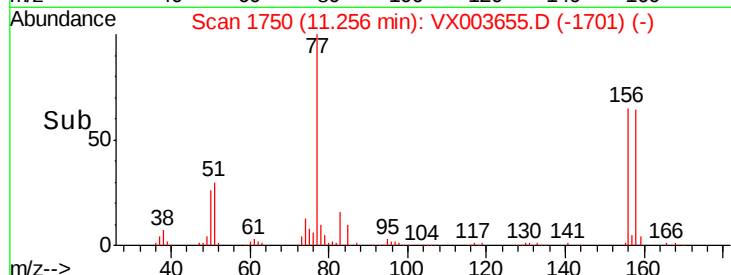
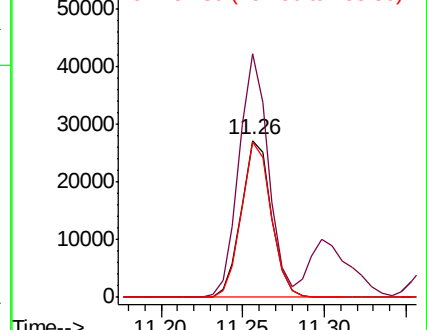
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.46 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003655.D

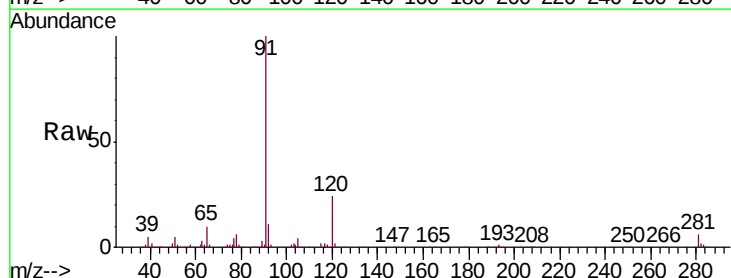
Acq: 25 Jul 2018 13:39

Tgt Ion: 91 Resp: 151670

Ion Ratio Lower Upper

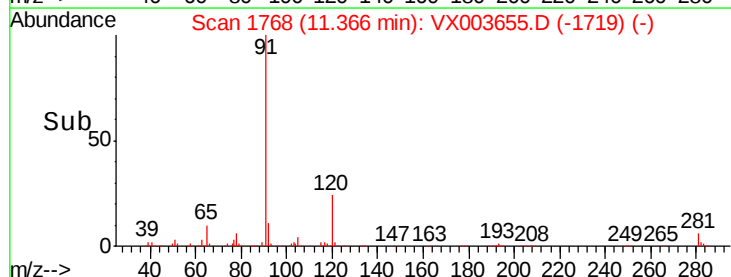
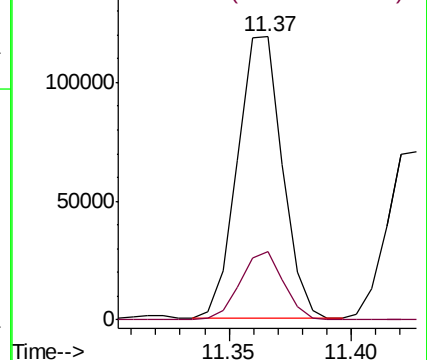
91 100

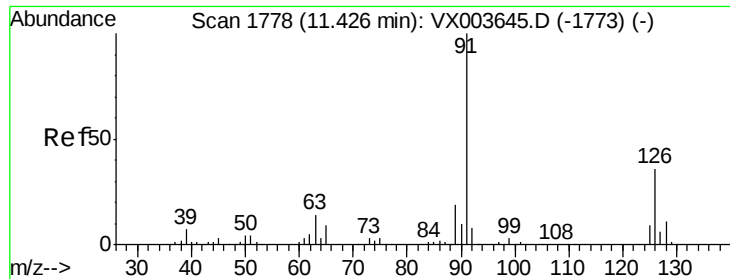
120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.26 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

Tot Ion: 91 Resp: 91264

Ion Ratio Lower Upper

91 100

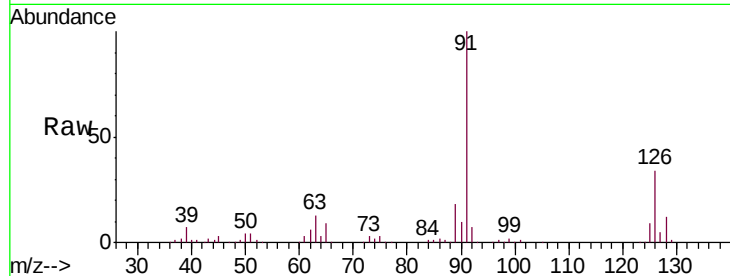
126 34.4 17.3 52.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX003645.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX003645.D (-1773) (-)

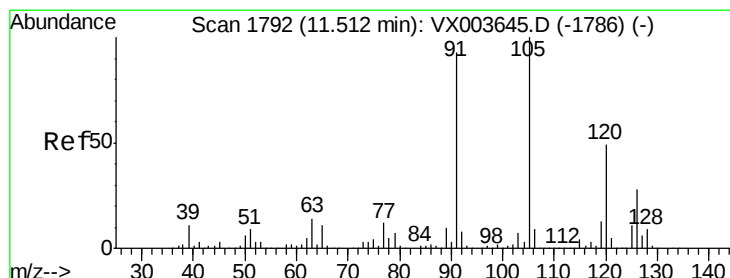
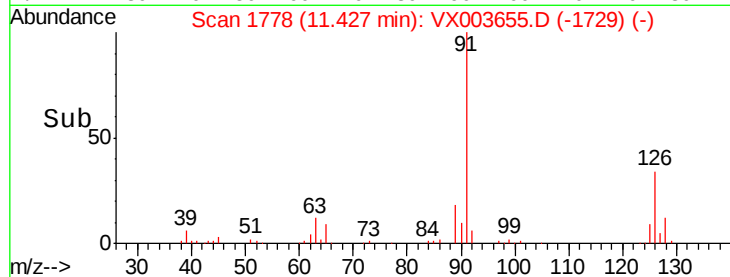
100000

50000

0

11.40 11.43 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.45 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003655.D

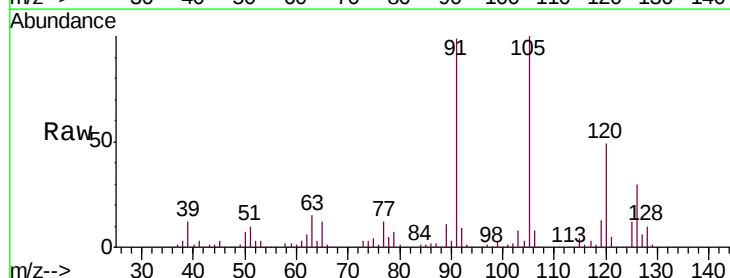
Acq: 25 Jul 2018 13:39

Tgt Ion: 105 Resp: 111043

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003645.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX003645.D (-1786) (-)

100000

80000

60000

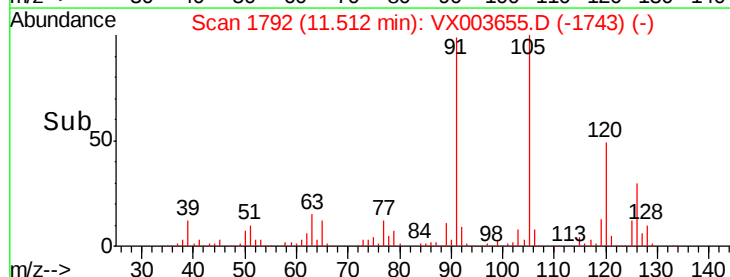
40000

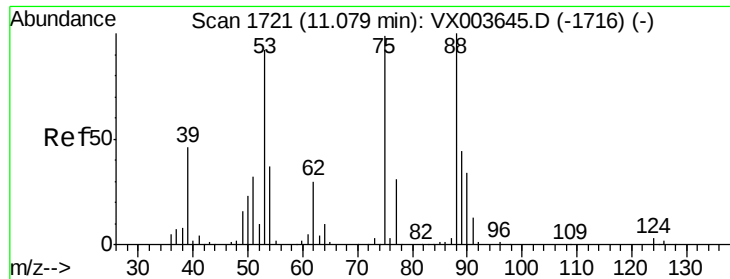
20000

0

11.50 11.51 11.52

Time-->





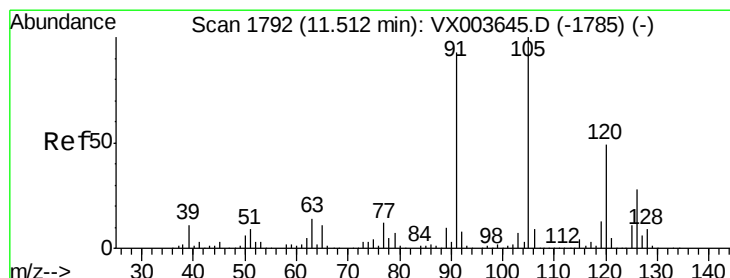
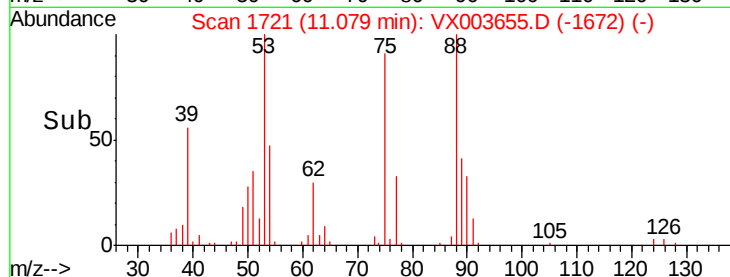
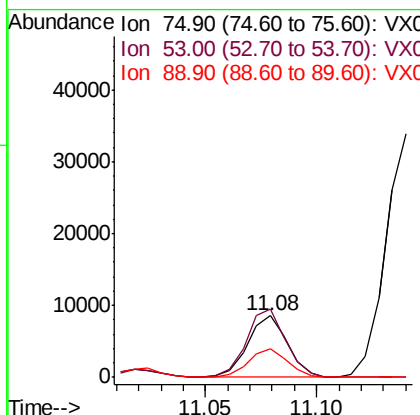
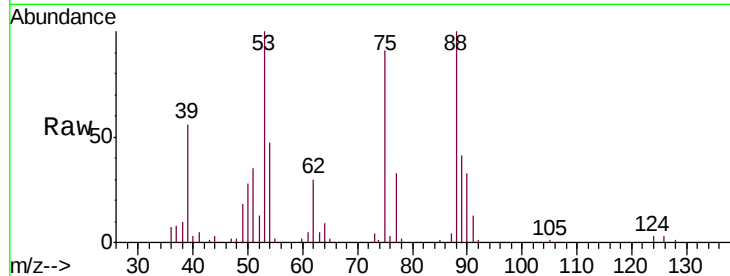
#81
trans-1,4-Dichloro-2-butene
Concen: 16.89 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tot Ion: 75 Resp: 10744
Ion Ratio Lower Upper
75 100
53 109.2 77.8 116.8
89 45.7 36.6 54.8

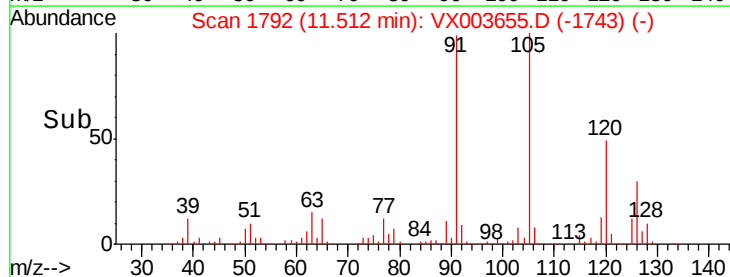
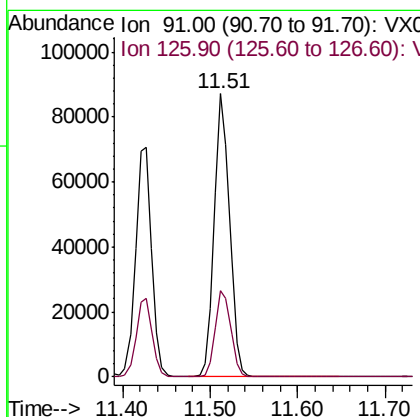
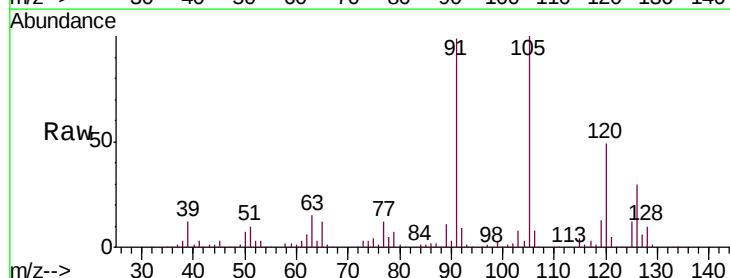
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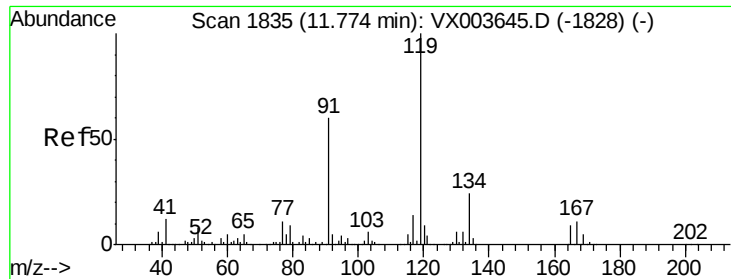
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.19 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion: 91 Resp: 107143
Ion Ratio Lower Upper
91 100
126 30.6 15.4 46.1





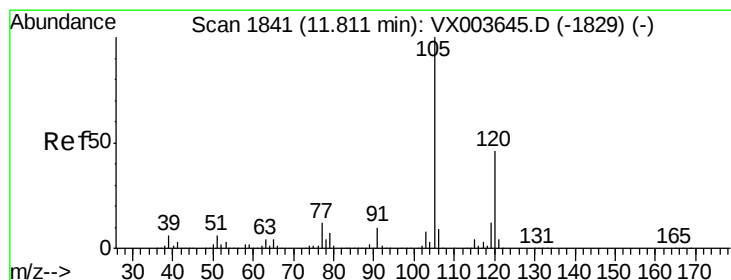
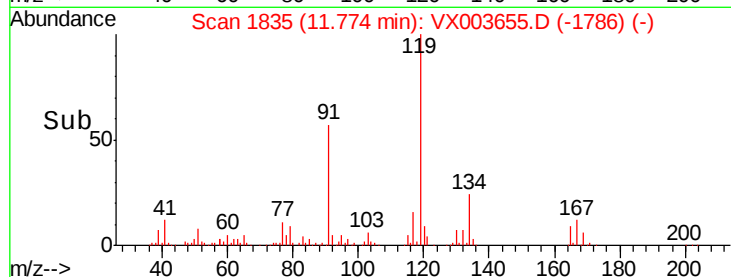
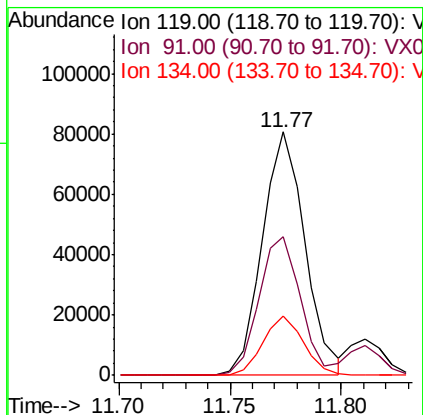
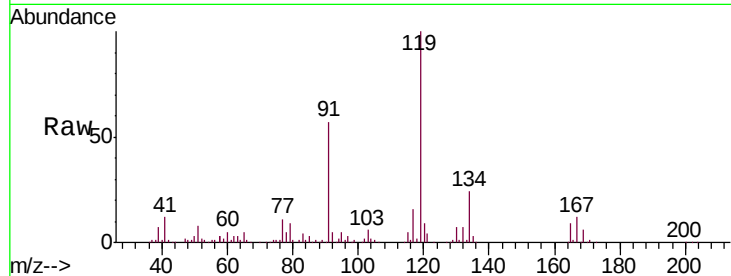
#83
 tert-Butylbenzene
 Concen: 20.17 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	107173		
91	55.3	28.4	85.2	
134	23.2	11.6	34.8	

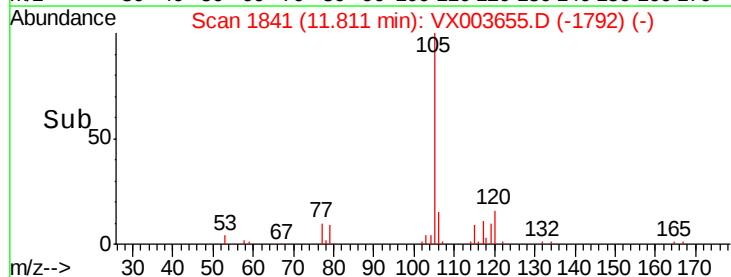
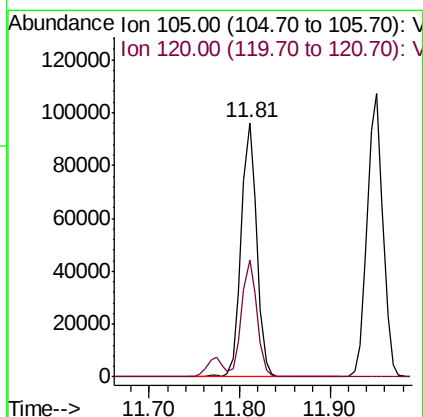
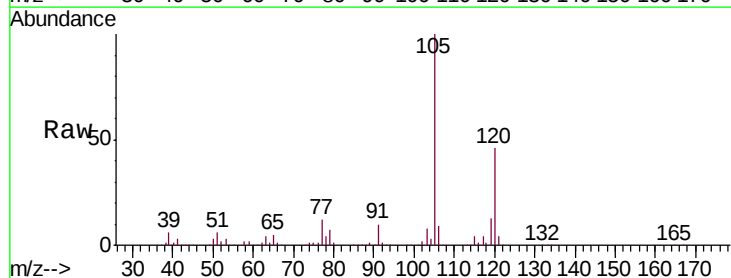
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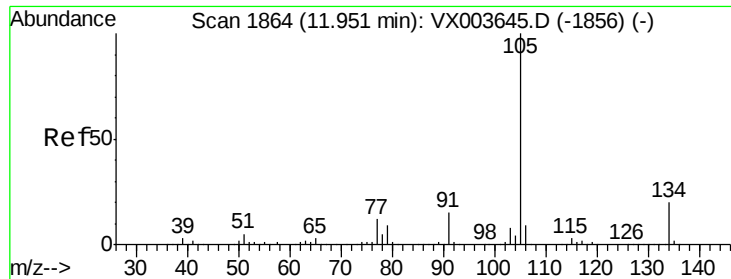
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.53 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	114567		
120	45.3	22.6	67.8	





#85

sec-Butylbenzene

Concen: 20.39 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

Tot Ion:105 Resp: 129305

Ion Ratio Lower Upper

105 100

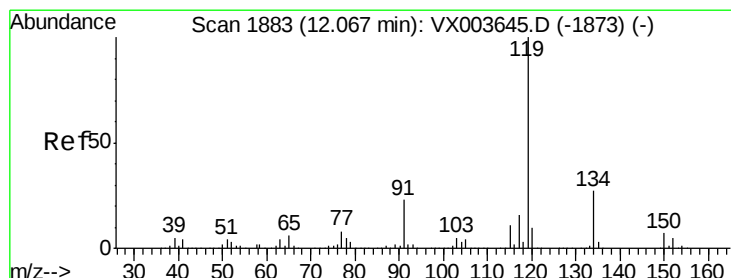
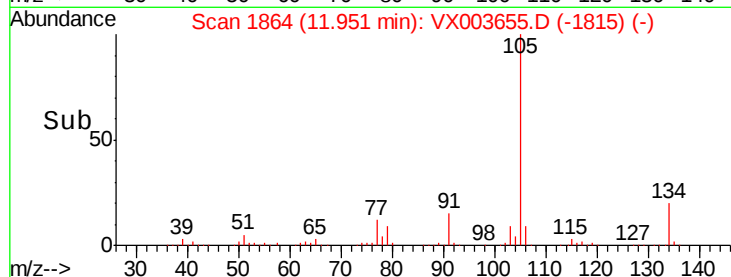
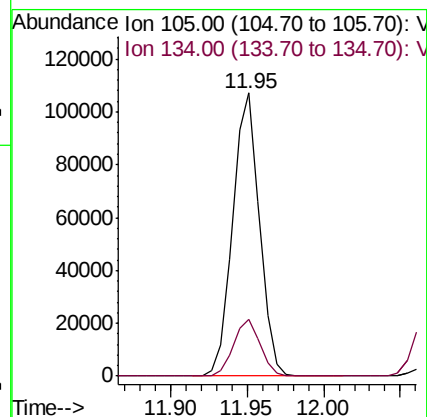
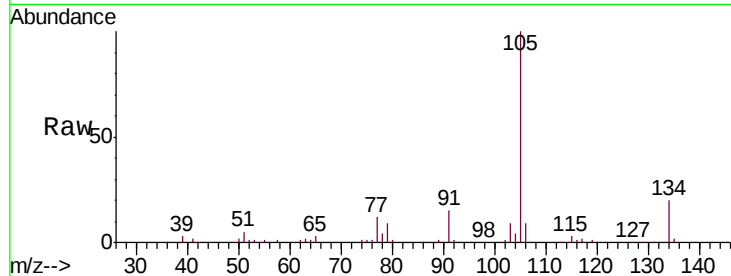
134 20.1 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 20.15 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

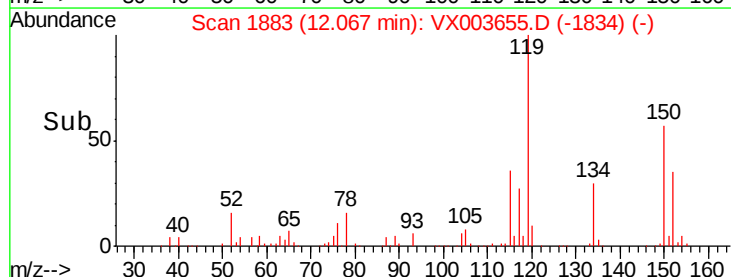
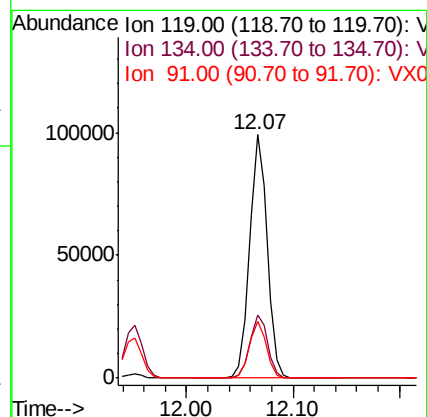
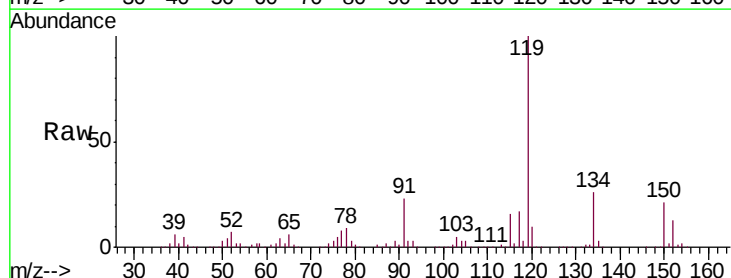
Tgt Ion:119 Resp: 114714

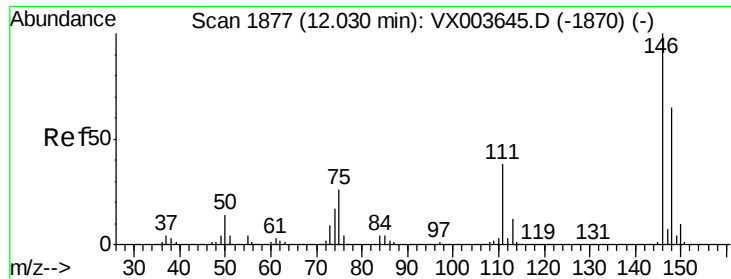
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.9

91 23.0 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 19.80 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Instrument :

MSVOA_X

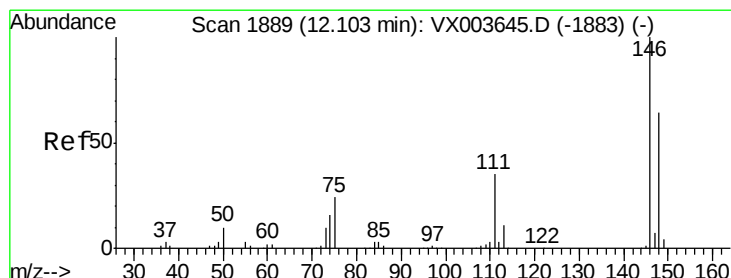
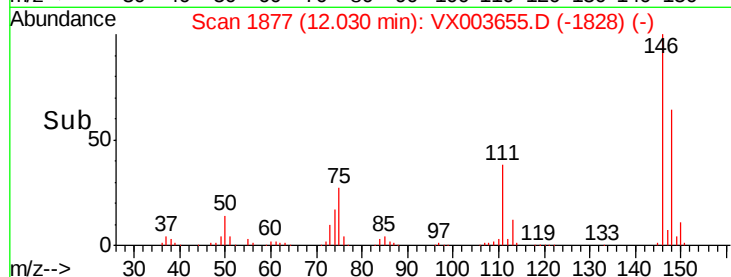
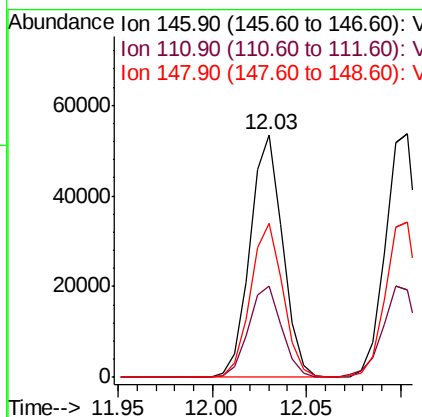
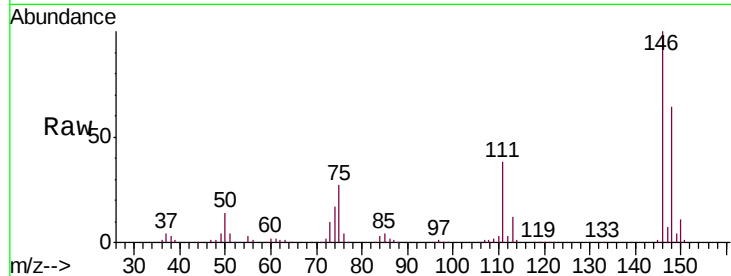
ClientSampleId :

VX0725MBS01

Tot Ion:	146	Resp:	64298
Ion Ratio	Lower	Upper	
146	100		
111	38.3	19.4	58.2
148	63.3	32.4	97.0

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#88

1,4-Dichlorobenzene

Concen: 19.82 ug/l

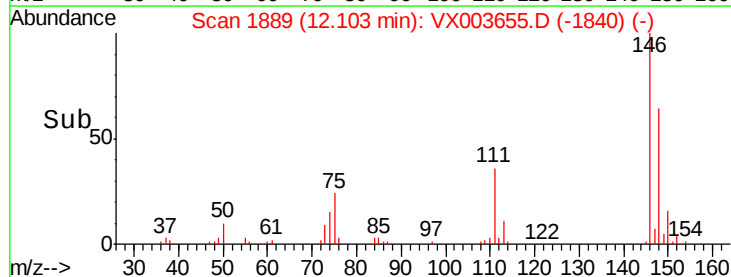
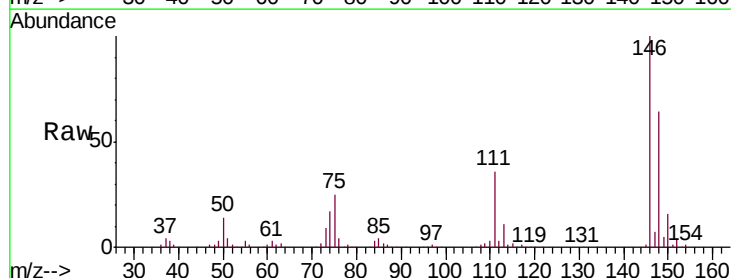
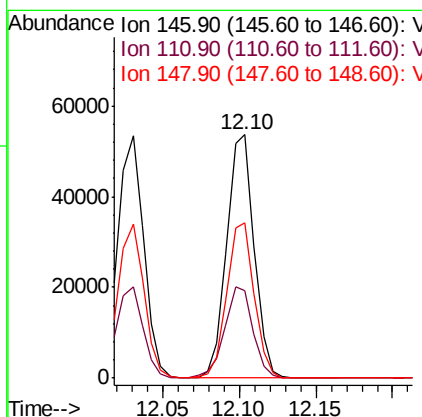
RT: 12.10 min Scan# 1889

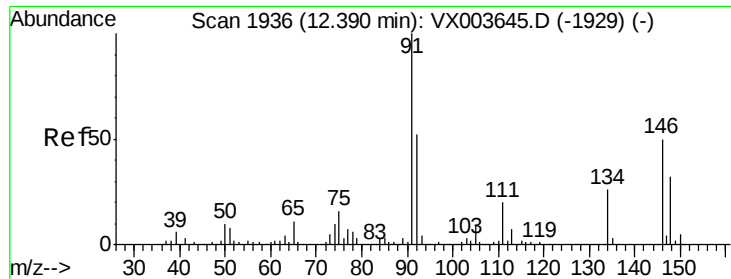
Delta R.T. 0.00 min

Lab File: VX003655.D

Acq: 25 Jul 2018 13:39

Tgt Ion:	146	Resp:	66893
Ion Ratio	Lower	Upper	
146	100		
111	38.7	18.6	55.6
148	63.7	32.0	96.2





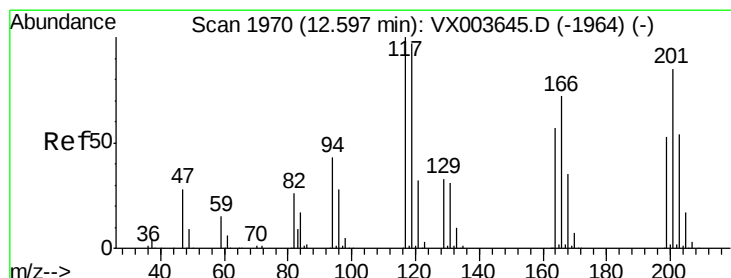
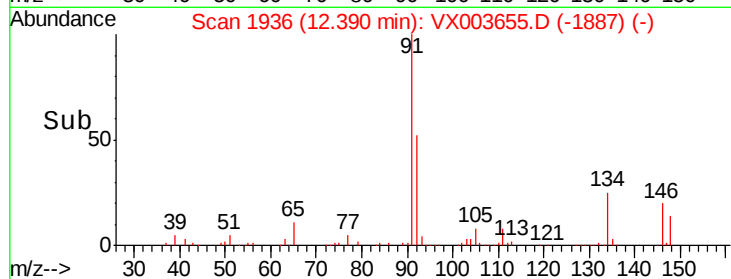
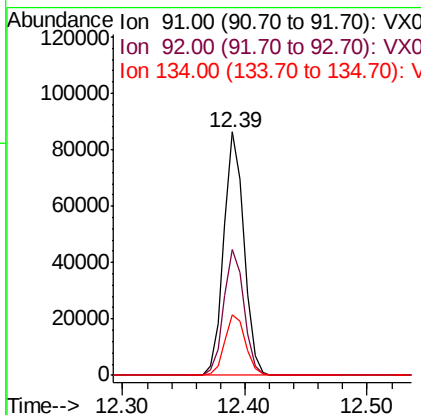
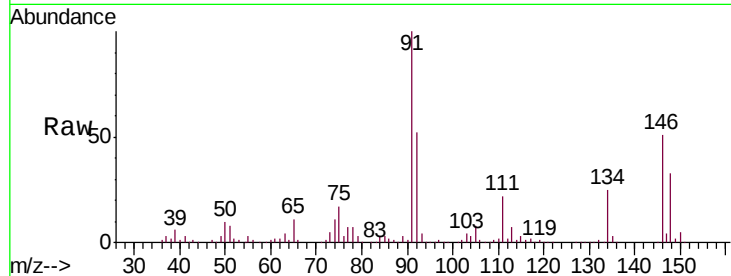
#89
n-Butylbenzene
Concen: 19.20 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.3	78.9
134	25.6	13.3	39.8

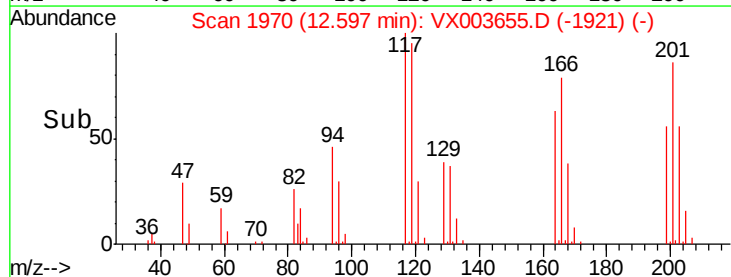
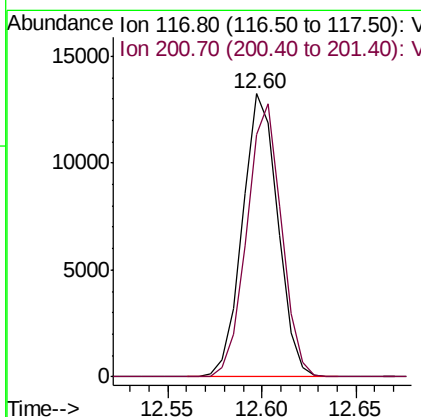
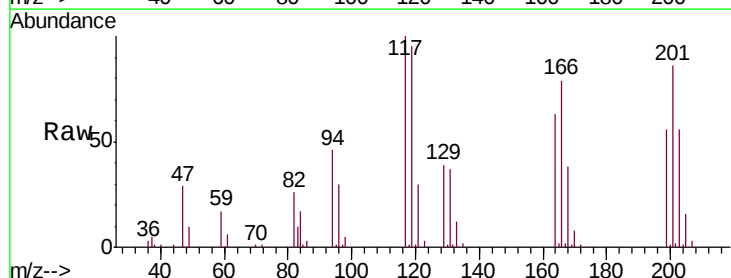
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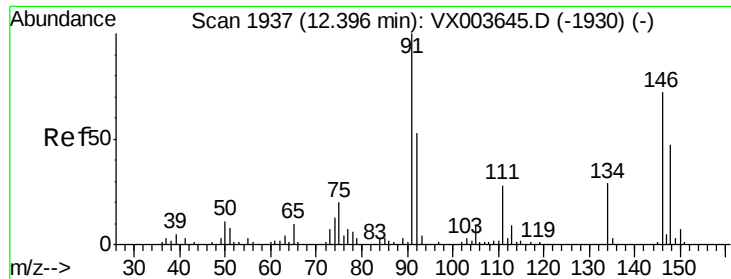
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#90
Hexachloroethane
Concen: 19.95 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.4	46.2	138.5





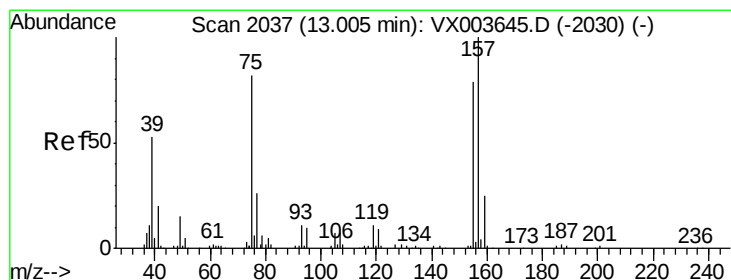
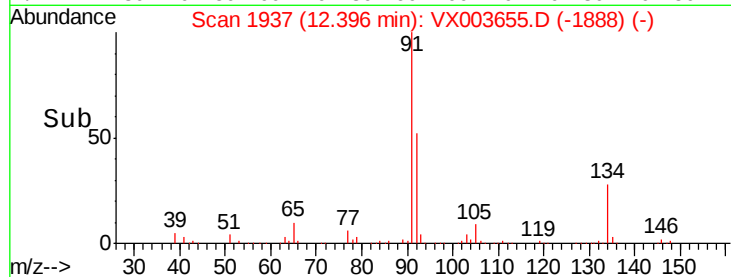
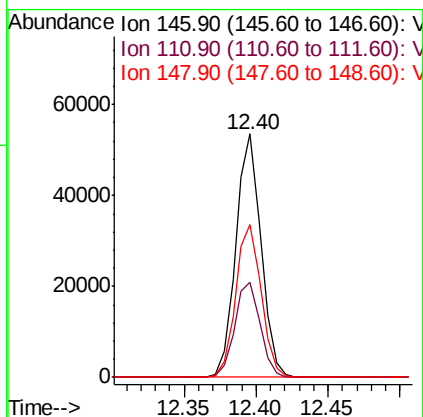
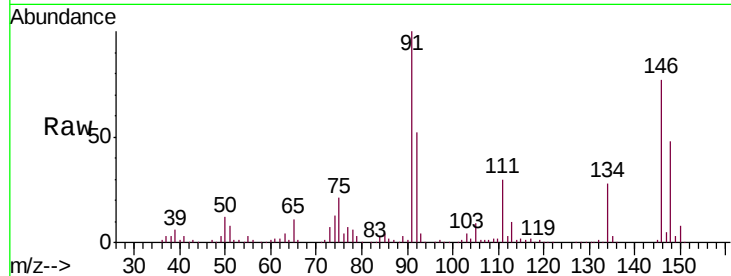
#91
 1,2-Dichlorobenzene
 Concen: 19.70 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.8	59.4
148	63.6	32.2	96.6

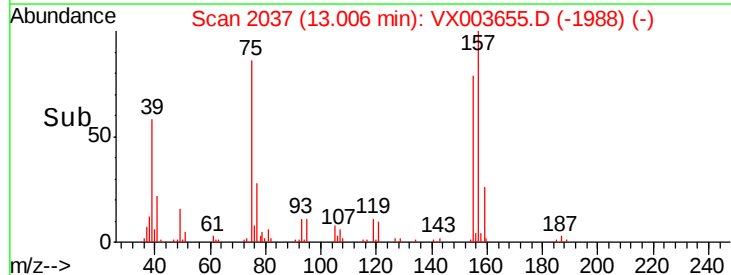
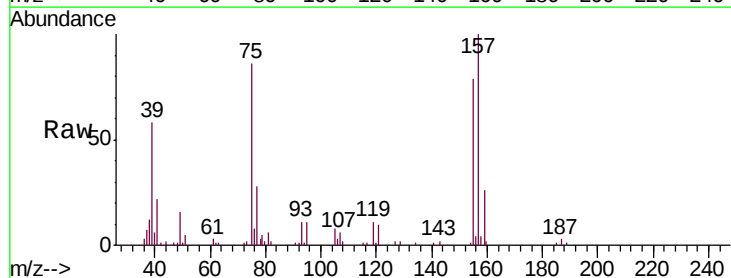
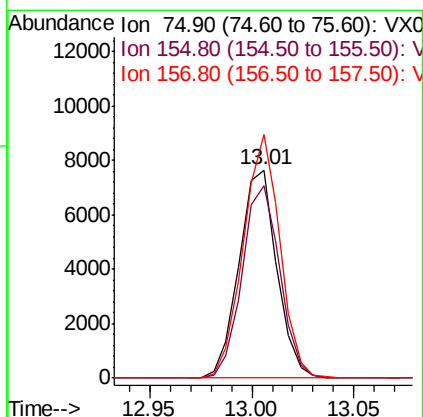
Manual Integrations
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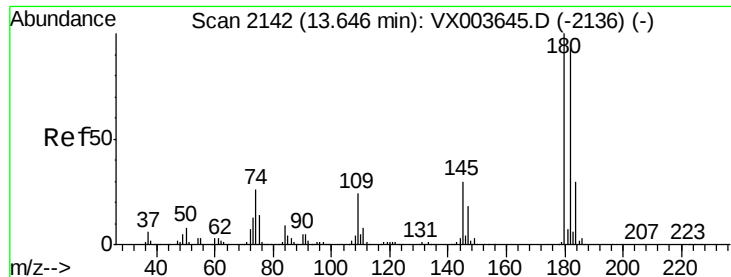
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.99 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.9	46.1	138.3
157	113.2	59.7	179.0





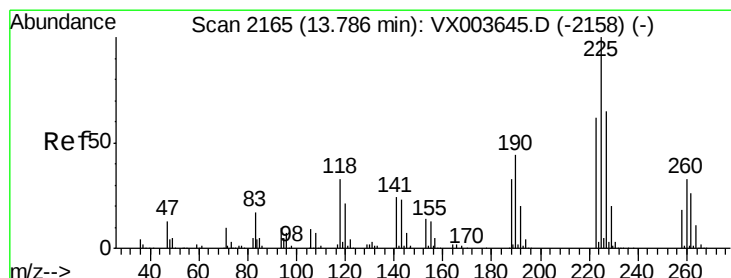
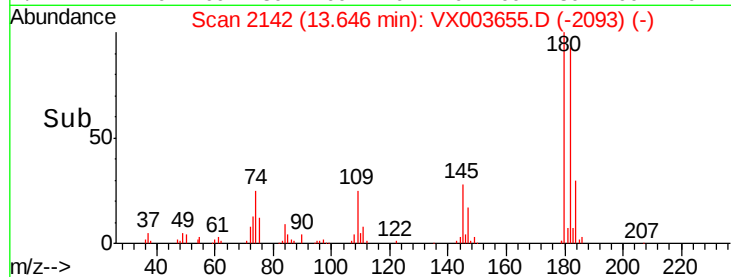
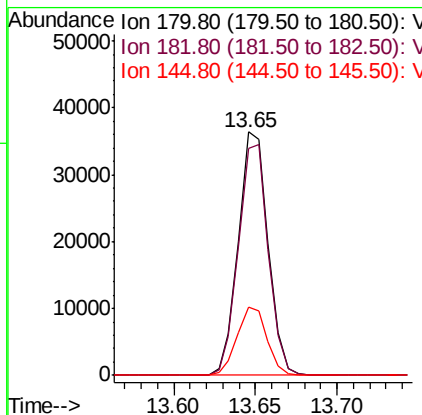
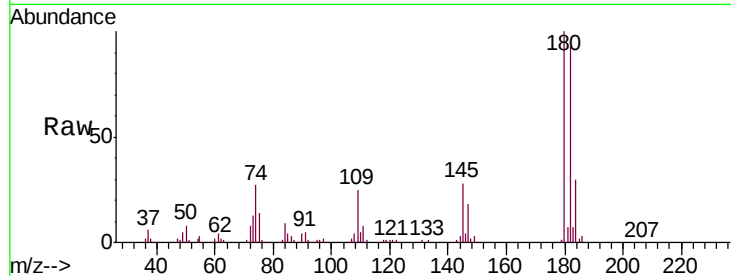
#93
 1,2,4-Trichlorobenzene
 Concen: 19.55 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.9	143.8
145	28.2	14.4	43.2

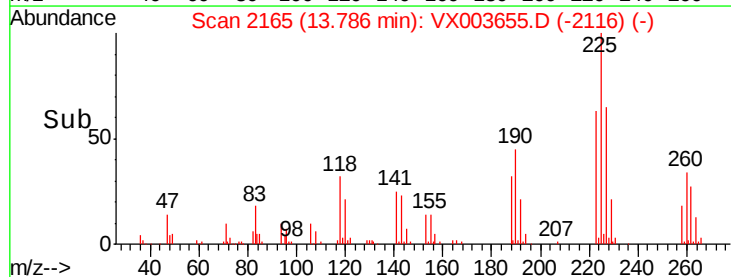
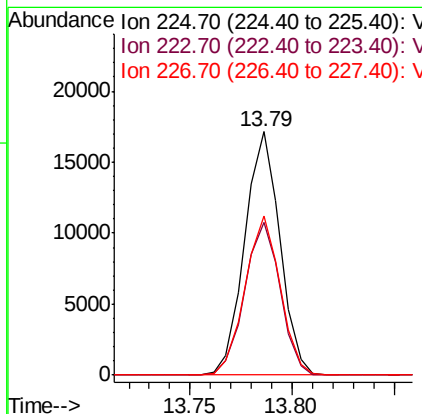
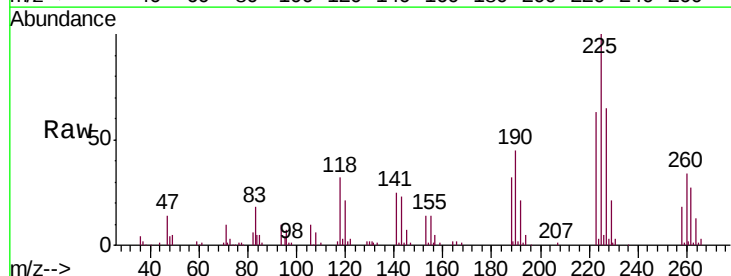
Manual Integrations
 APPROVED

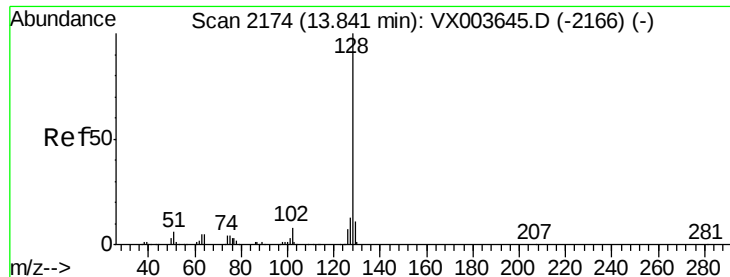
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 18.74 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003655.D
 Acq: 25 Jul 2018 13:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	30.9	92.5
227	65.3	31.9	95.7





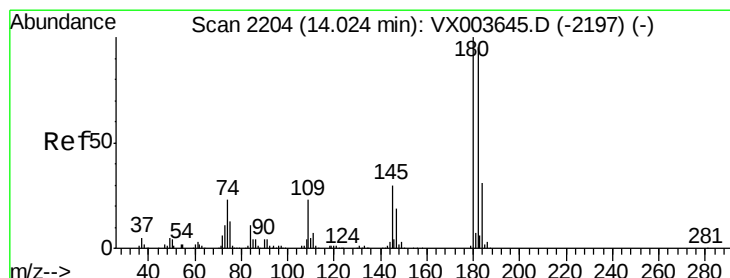
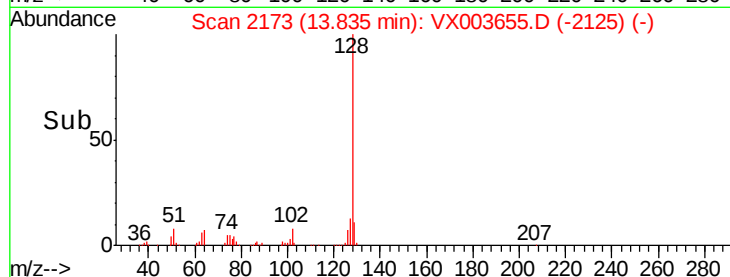
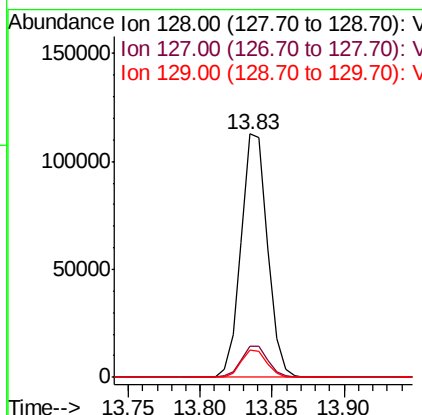
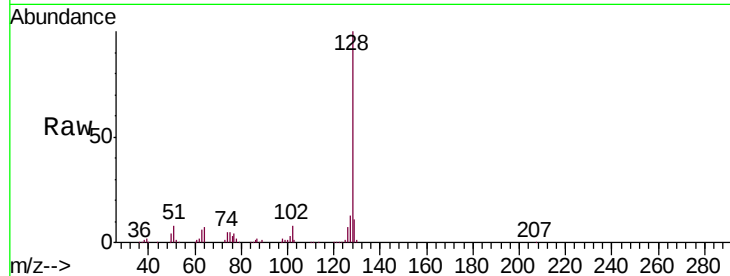
#95
Naphthalene
Concen: 20.10 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/27/2018 5:29:43 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.66 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003655.D
Acq: 25 Jul 2018 13:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.6	142.8
145	30.4	15.0	45.1

