

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005253.D
 Acq On : 11 Oct 2018 13:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:06 AM

Quant Time: Oct 11 14:43:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	222832	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	320846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173962	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	124897	39.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.48%	
35) Dibromofluoromethane	5.50	113	105889	38.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.88%	
50) Toluene-d8	8.72	98	374857	41.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.94%	
62) 4-Bromofluorobenzene	11.14	95	144665	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	157448	51.82	ug/l	98
3) Chloromethane	1.32	50	169911	46.09	ug/l	100
4) Vinyl Chloride	1.40	62	172826	49.99	ug/l	99
5) Bromomethane	1.64	94	72218	35.23	ug/l	95
6) Chloroethane	1.71	64	100398	53.45	ug/l	95
7) Trichlorofluoromethane	1.92	101	229901	53.71	ug/l	95
8) Diethyl Ether	2.19	74	89471	48.12	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	123827	50.79	ug/l	99
10) Methyl Iodide	2.51	142	107836	33.05	ug/l	91
11) Tert butyl alcohol	3.09	59	212772	239.06	ug/l	100
12) 1,1-Dichloroethene	2.37	96	119029	49.30	ug/l	95
13) Acrolein	2.29	56	102126	161.27	ug/l	91
14) Allyl chloride	2.72	41	266555	50.60	ug/l	95
15) Acrylonitrile	3.15	53	493026	251.63	ug/l	96
16) Acetone	2.45	43	433074	233.04	ug/l	94
17) Carbon Disulfide	2.56	76	339403	46.78	ug/l	98
18) Methyl Acetate	2.78	43	261612	55.56	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	442193	53.10	ug/l	96
20) Methylene Chloride	2.85	84	139316	51.59	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	128047	48.45	ug/l	86
22) Diisopropyl ether	3.87	45	454679	51.25	ug/l	99
23) Vinyl Acetate	3.82	43	2162266	266.28	ug/l	97
24) 1,1-Dichloroethane	3.70	63	259454	49.03	ug/l	100
25) 2-Butanone	4.71	43	645240	235.55	ug/l	97
26) 2,2-Dichloropropane	4.58	77	171951	46.66	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	144003	48.77	ug/l	95
28) Bromochloromethane	5.02	49	91505	36.72	ug/l	96
29) Tetrahydrofuran	5.17	42	438950	257.81	ug/l	96
30) Chloroform	5.22	83	237647	47.52	ug/l	99
31) Cyclohexane	5.57	56	206848	51.07	ug/l	# 83
32) 1,1,1-Trichloroethane	5.50	97	207232	50.74	ug/l	97
36) 1,1-Dichloropropene	5.80	75	176340	47.53	ug/l	93
37) Ethyl Acetate	4.87	43	227734	46.24	ug/l	98
38) Carbon Tetrachloride	5.78	117	183002	46.92	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	196947	51.99	ug/l	86
40) Benzene	6.14	78	518703	44.66	ug/l	95
41) Methacrylonitrile	5.06	41	132269	48.43	ug/l	98
42) 1,2-Dichloroethane	6.20	62	188328	45.87	ug/l	98
43) Isopropyl Acetate	6.47	43	336125	47.29	ug/l	96
44) Trichloroethene	7.21	130	138658	48.56	ug/l	94
45) 1,2-Dichloropropane	7.52	63	138172	48.51	ug/l	98
46) Dibromomethane	7.66	93	90802	50.73	ug/l	99
47) Bromodichloromethane	7.90	83	177789	53.05	ug/l	99
48) Methyl methacrylate	7.78	41	180297	55.88	ug/l	100
49) 1,4-Dioxane	7.76	88	72723	907.31	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1212803	270.98	ug/l	99
52) Toluene	8.79	92	329236	51.59	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	198358	52.37	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	213345	53.78	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	138097	49.40	ug/l	96
56) Ethyl methacrylate	9.18	69	216905	47.94	ug/l	97
57) 1,3-Dichloropropane	9.37	76	230125	49.46	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	471293	198.75	ug/l	98
59) 2-Hexanone	9.50	43	960751	257.60	ug/l	95
60) Dibromochloromethane	9.59	129	147394	52.72	ug/l	97
61) 1,2-Dibromoethane	9.68	107	143433	47.91	ug/l	96
64) Tetrachloroethene	9.34	164	136575	45.41	ug/l	95
65) Chlorobenzene	10.14	112	372151	47.50	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	138374	50.23	ug/l	99
67) Ethyl Benzene	10.26	91	635100	51.05	ug/l	96
68) m/p-Xylenes	10.36	106	496082	102.05	ug/l	96
69) o-Xylene	10.70	106	237753	53.25	ug/l	100
70) Styrene	10.71	104	408699	48.99	ug/l	100
71) Bromoform	10.86	173	123098	52.20	ug/l	97
73) Isopropylbenzene	11.02	105	648136	59.11	ug/l	100
74) N-amyl acetate	10.90	43	315782	52.31	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	227058	50.87	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	237257m	60.85	ug/l	
77) Bromobenzene	11.26	156	174895	54.91	ug/l	99
78) n-propylbenzene	11.36	91	752300	59.80	ug/l	99
79) 2-Chlorotoluene	11.42	91	444924	56.74	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	557643	55.51	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	65985	46.31	ug/l	97
82) 4-Chlorotoluene	11.51	91	526322	57.02	ug/l	100
83) tert-Butylbenzene	11.77	119	558256	61.84	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	574273	55.43	ug/l	100
85) sec-Butylbenzene	11.94	105	662280	60.23	ug/l	99
86) p-Isopropyltoluene	12.07	119	600709	60.30	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	323567	54.41	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	329724	53.71	ug/l	100
89) n-Butylbenzene	12.39	91	535879	59.23	ug/l	100
90) Hexachloroethane	12.60	117	99681	60.09	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	328890	52.92	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57392	58.56	ug/l	98

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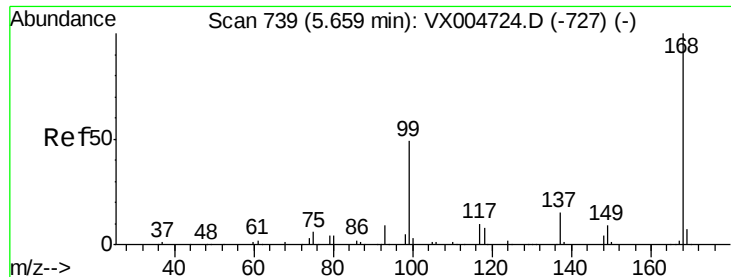
Manual Integrations
APPROVED

MMDadoda
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QLast Update : Wed Oct 03 04:00:03 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	252894	58.01	ug/l	100
94) Hexachlorobutadiene	13.79	225	124064	54.88	ug/l	100
95) Naphthalene	13.83	128	795323	54.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	260603	57.87	ug/l	100

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



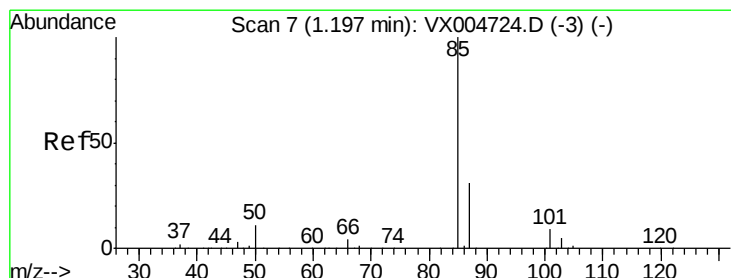
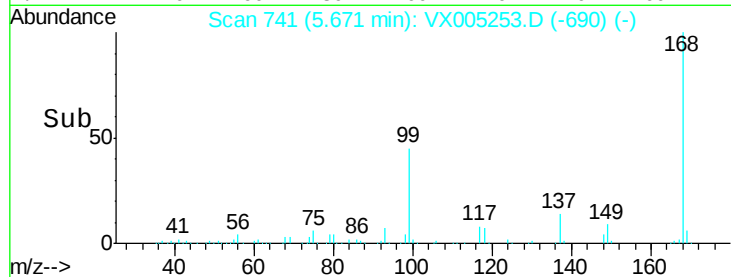
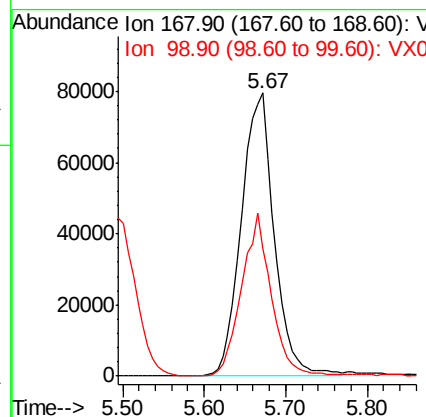
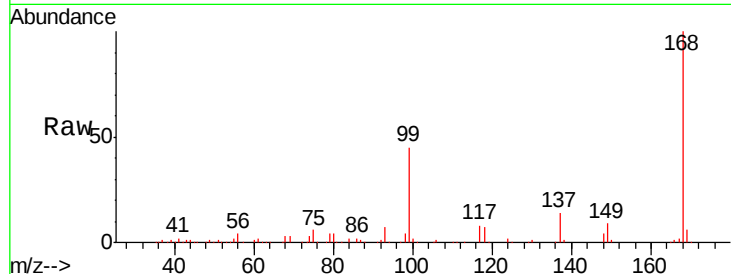
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 741
Delta R.T. 0.01 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Instrument :
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ClientSampleId :
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Tgt Ion: 168 Resp: 222832
Ion Ratio Lower Upper
168 100
99 44.7 39.3 58.9

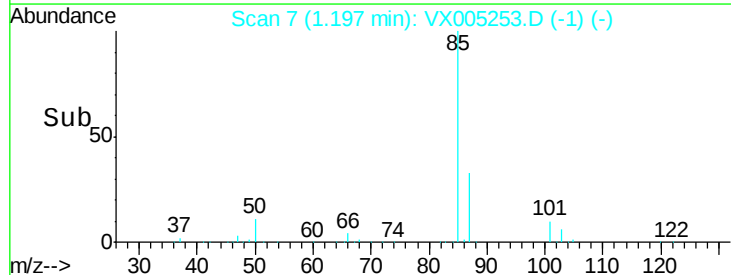
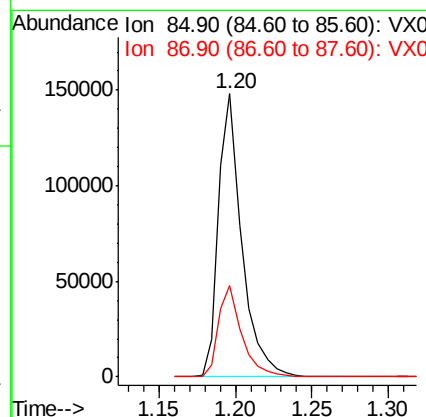
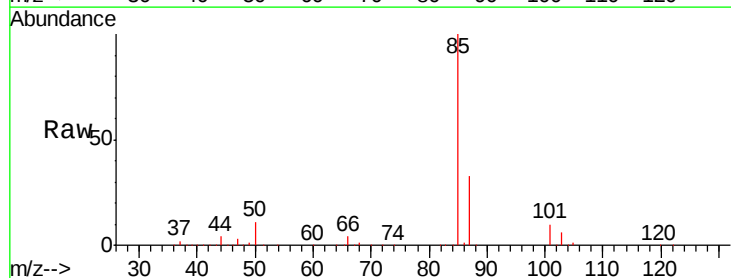
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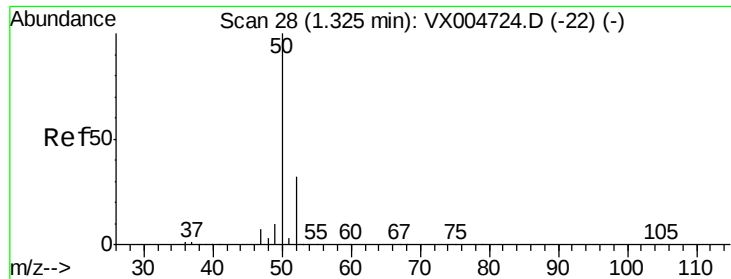
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#2
Dichlorodifluoromethane
Concen: 51.82 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion: 85 Resp: 157448
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.1





#3

Chloromethane

Concen: 46.09 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 169911

Ion Ratio Lower Upper

50 100

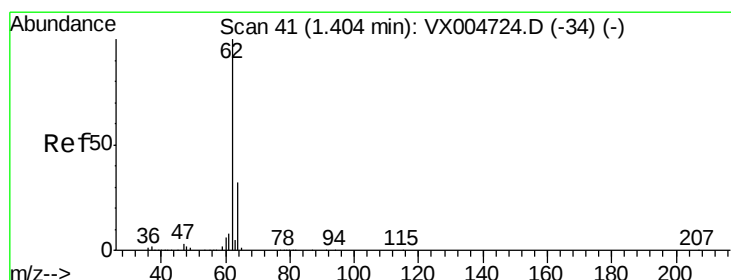
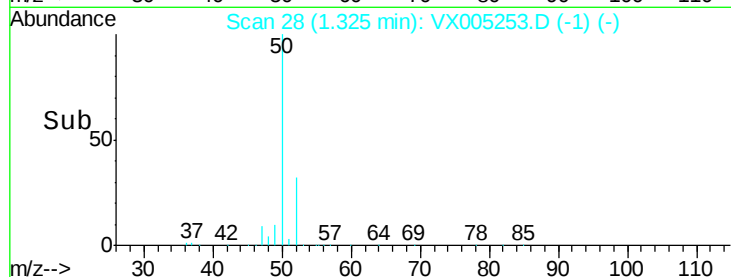
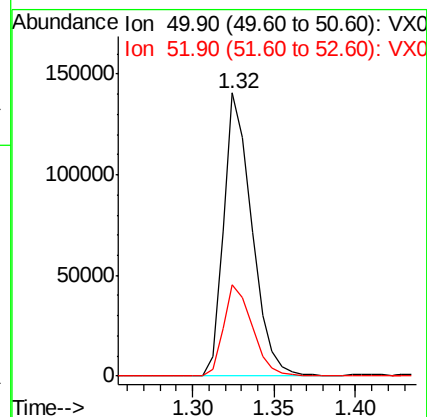
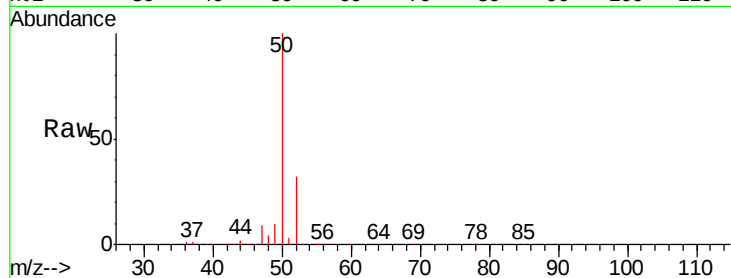
52 32.4 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.99 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005253.D

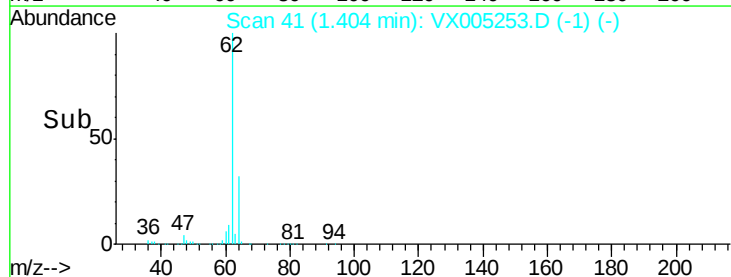
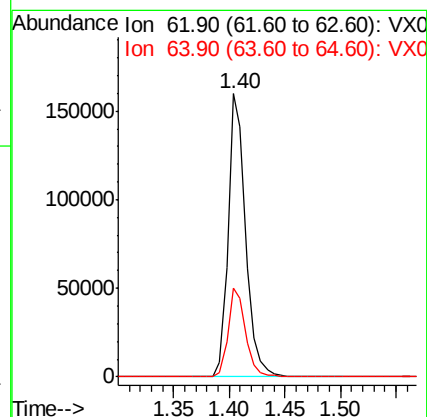
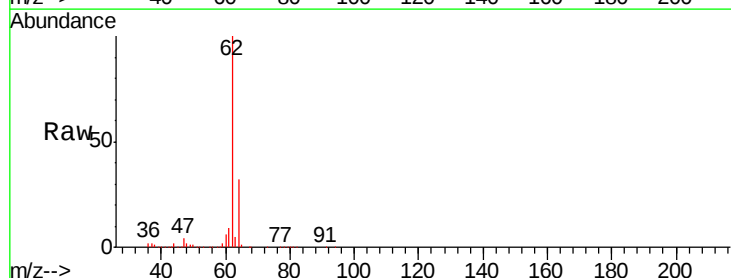
Acq: 11 Oct 2018 13:54

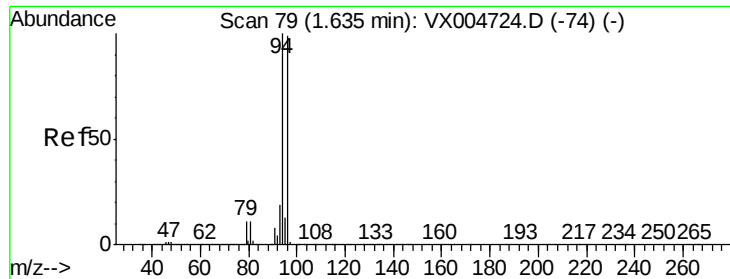
Tgt Ion: 62 Resp: 172826

Ion Ratio Lower Upper

62 100

64 31.5 25.5 38.3





#5

Bromomethane

Concen: 35.23 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 72218

Ion Ratio Lower Upper

94 100

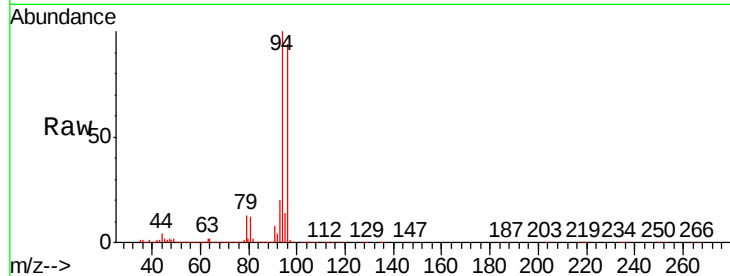
96 94.3 79.5 119.3

Manual Integrations

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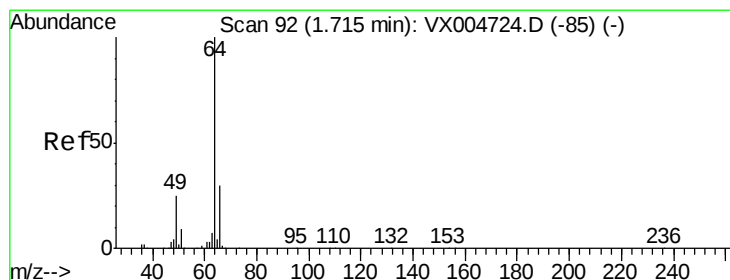
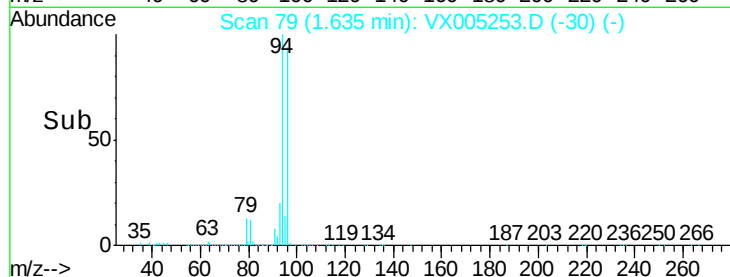
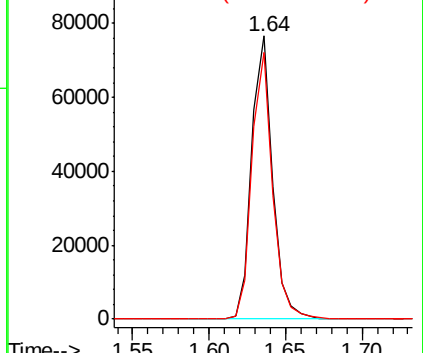
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.45 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005253.D

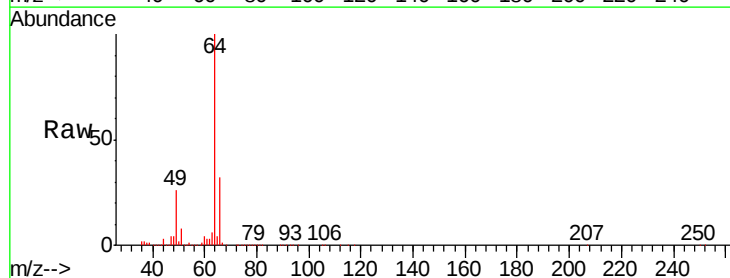
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Tgt Ion: 64 Resp: 100398

Ion Ratio Lower Upper

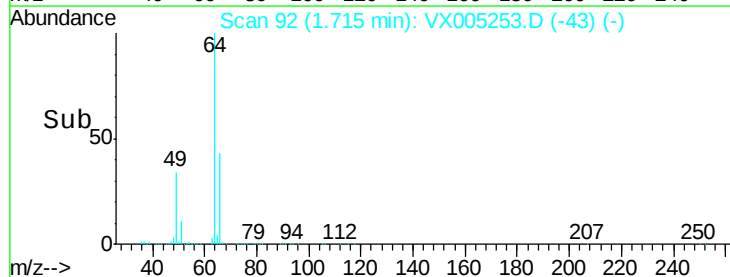
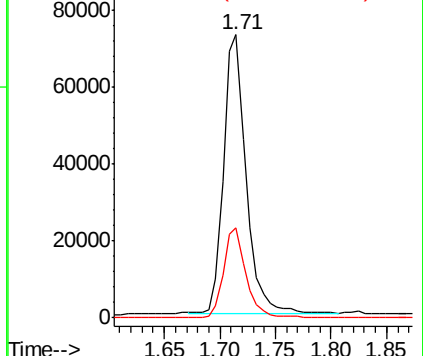
64 100

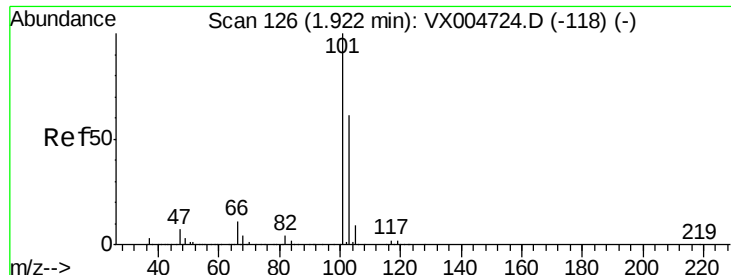
66 32.4 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

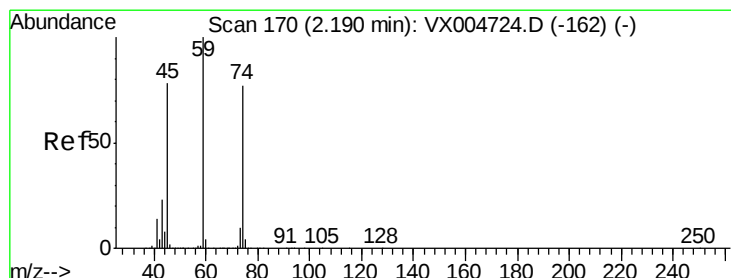
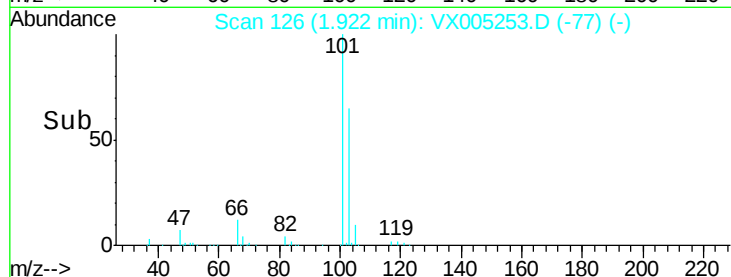
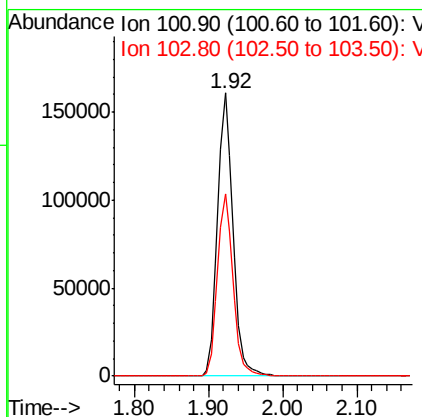
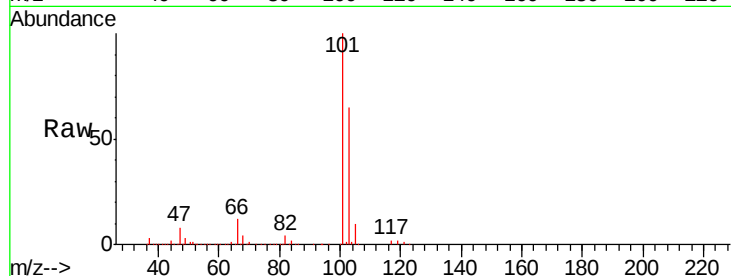
Trichlorofluoromethane
Concen: 53.71 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	229901		
103	64.6	48.4	72.6	

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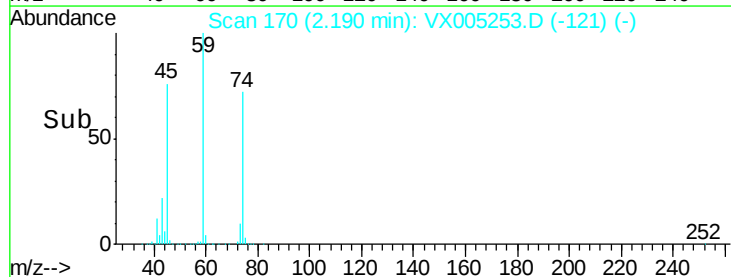
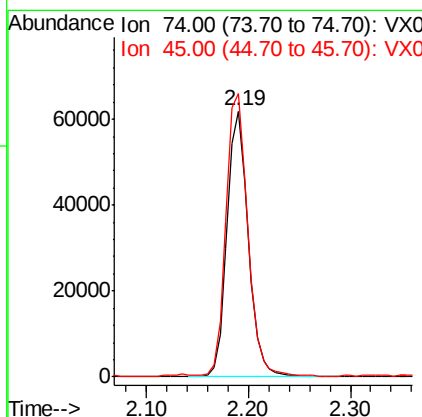
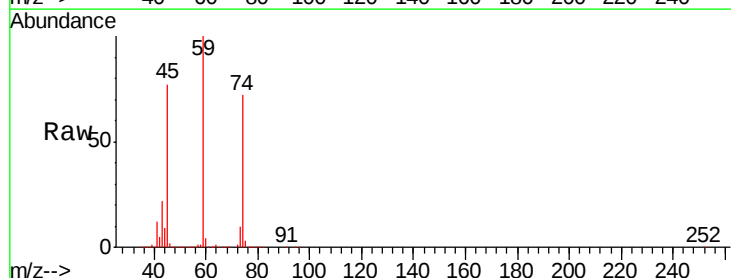
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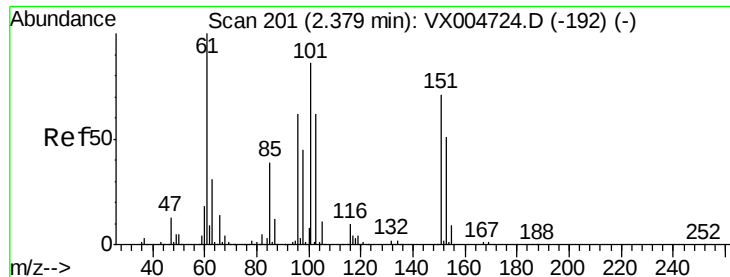


#8

Diethyl Ether
Concen: 48.12 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	89471		
45	108.7	52.5	157.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.79 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

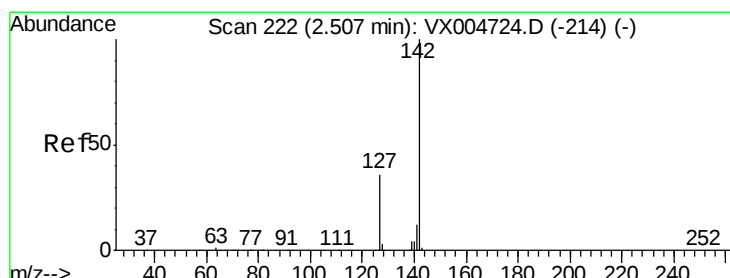
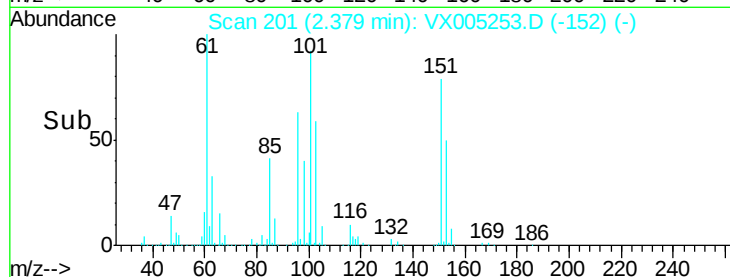
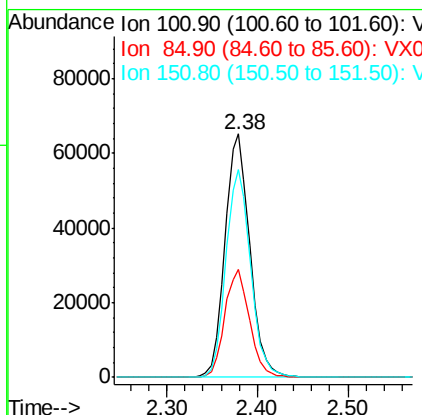
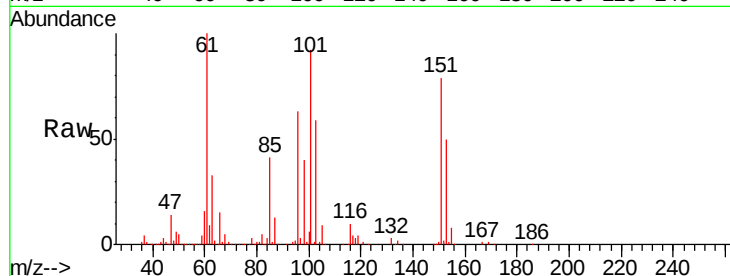
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	123827
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.9	53.9
151	85.1	66.6	100.0

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#10

Methyl Iodide

Concen: 33.05 ug/l

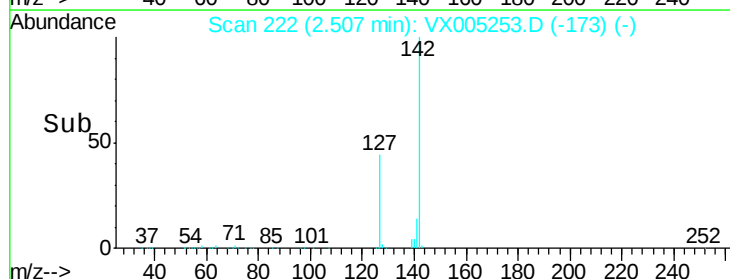
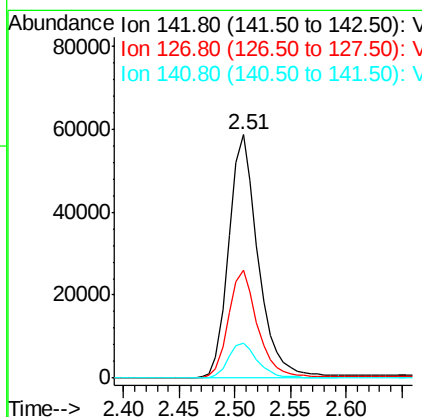
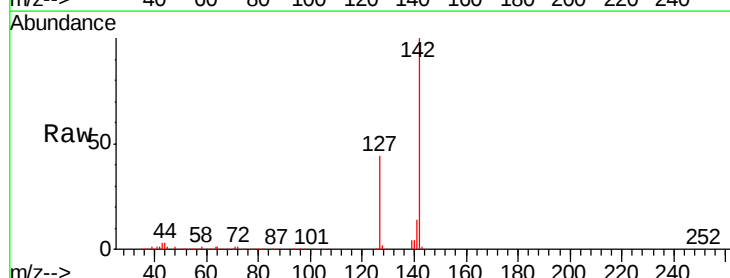
RT: 2.51 min Scan# 222

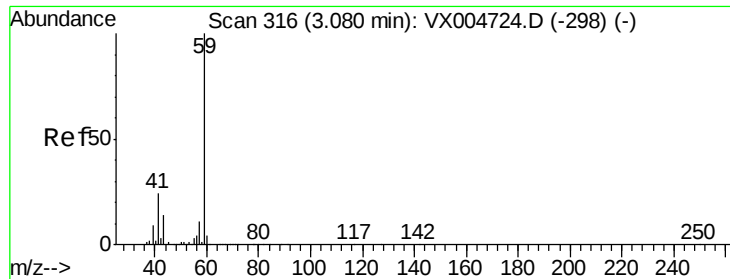
Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Tgt Ion:	142	Resp:	107836
Ion Ratio	Lower	Upper	
142	100		
127	44.1	30.1	45.1
141	14.4	10.1	15.1





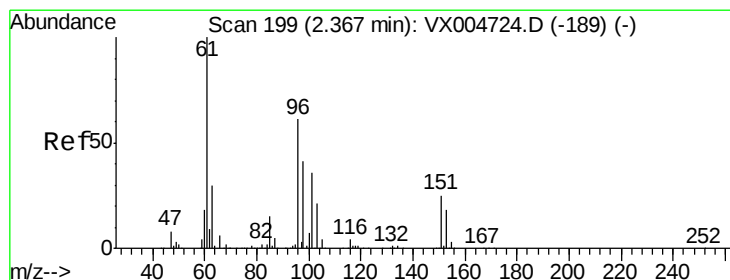
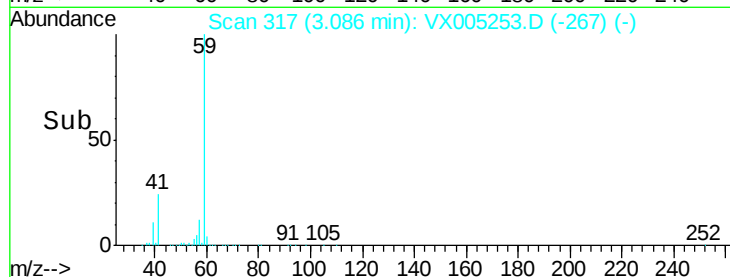
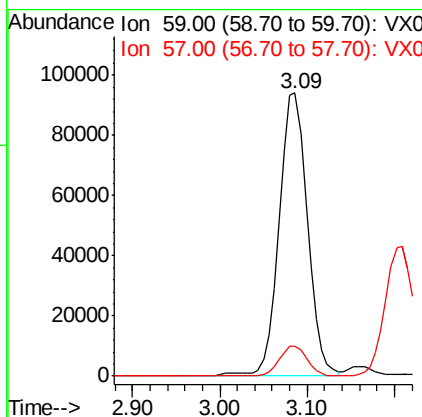
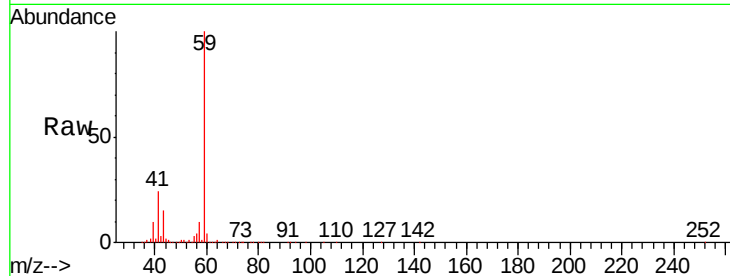
#11
Tert butyl alcohol
Concen: 239.06 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 212772
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

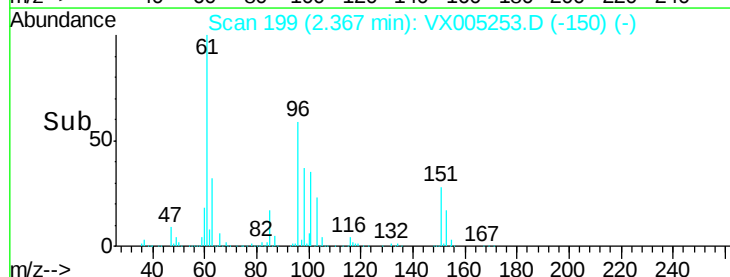
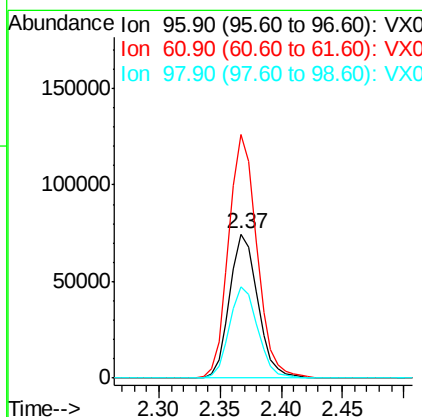
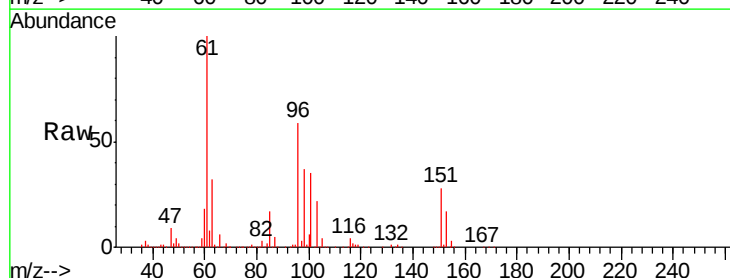
Manual Integrations
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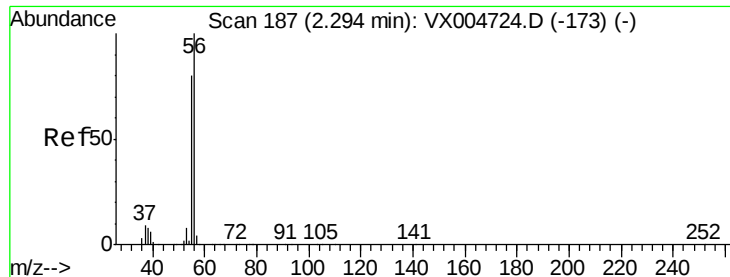
MMDadoda
10/12/2018 11:45:06 AM



#12
1,1-Dichloroethene
Concen: 49.30 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion: 96 Resp: 119029
Ion Ratio Lower Upper
96 100
61 168.8 130.2 195.4
98 63.0 53.4 80.0





#13

Acrolein

Concen: 161.27 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 102126

Ion Ratio Lower Upper

56 100

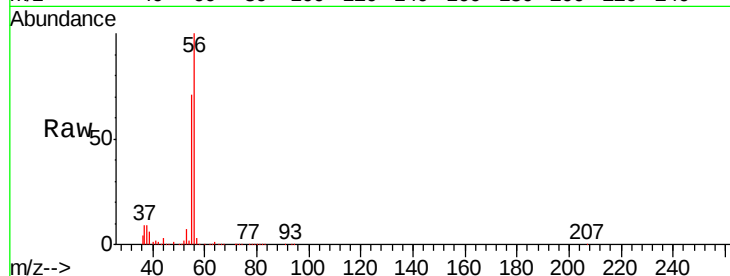
55 71.6 63.4 95.2

Manual Integrations

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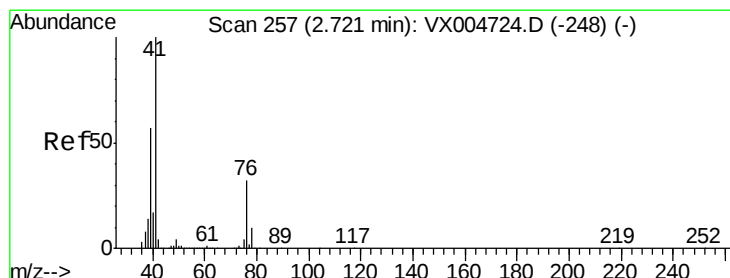
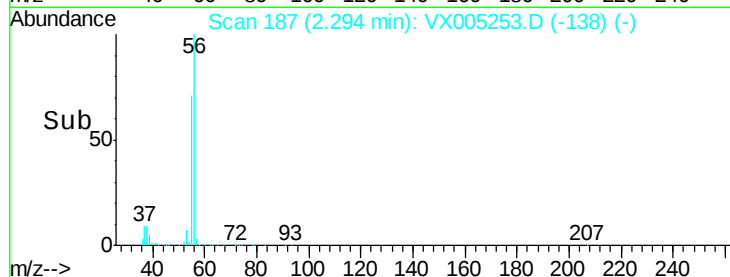
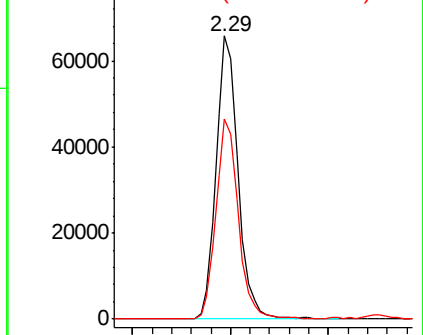
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.60 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

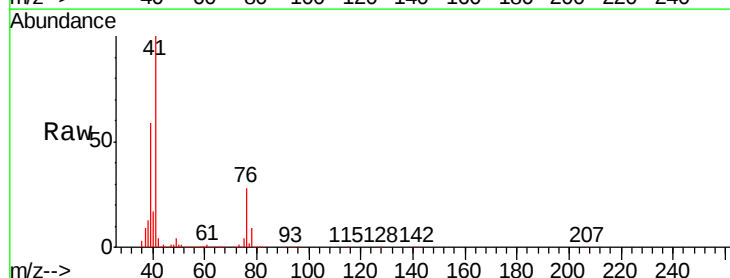
Tgt Ion: 41 Resp: 266555

Ion Ratio Lower Upper

41 100

39 59.1 44.1 66.1

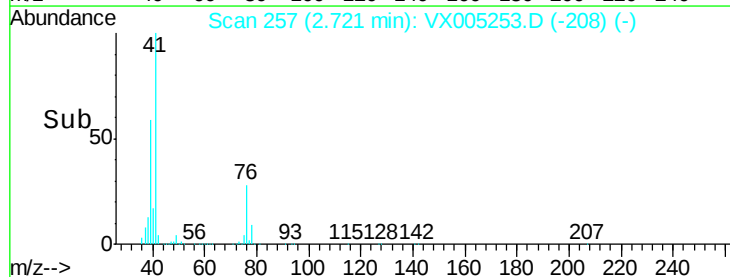
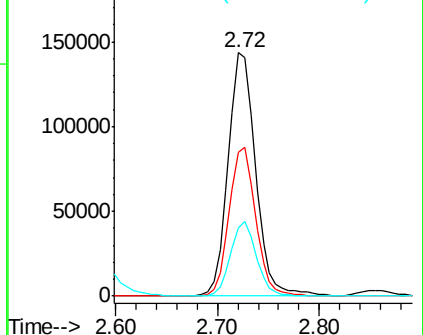
76 28.9 25.0 37.4

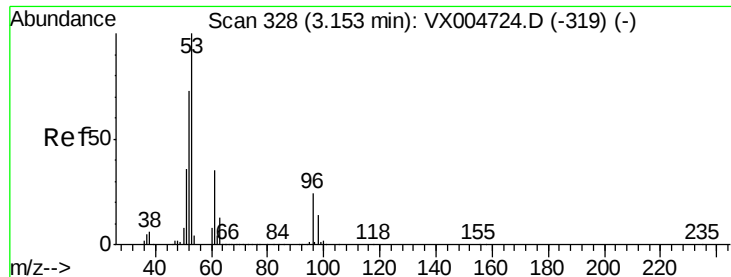


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 251.63 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

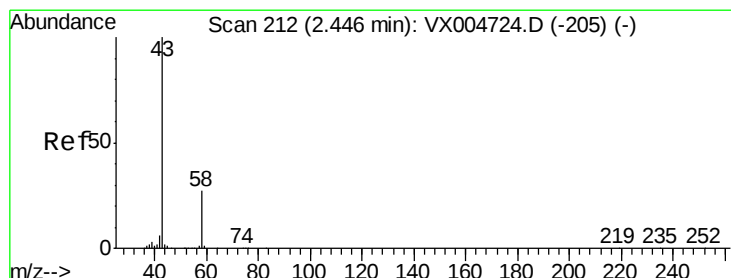
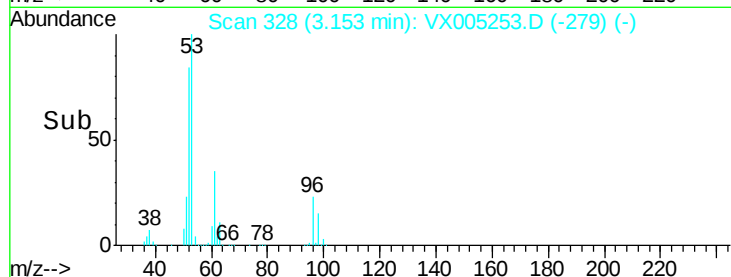
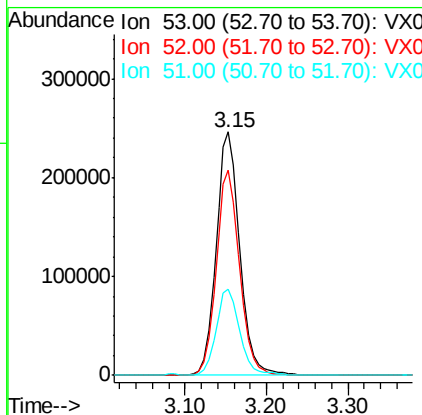
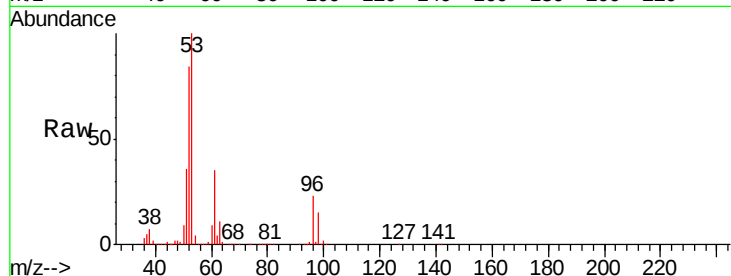
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	493026
Ion	Ratio	Lower	Upper
53	100		
52	83.5	63.0	94.4
51	35.8	28.6	42.8

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#16

Acetone

Concen: 233.04 ug/l

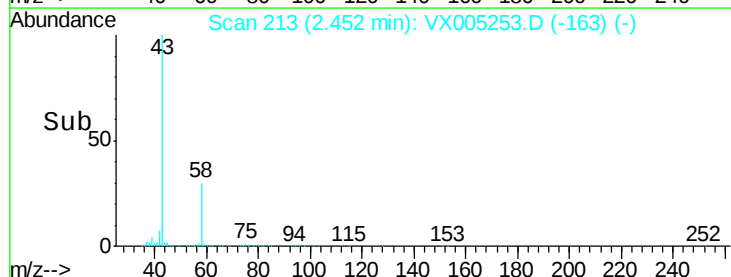
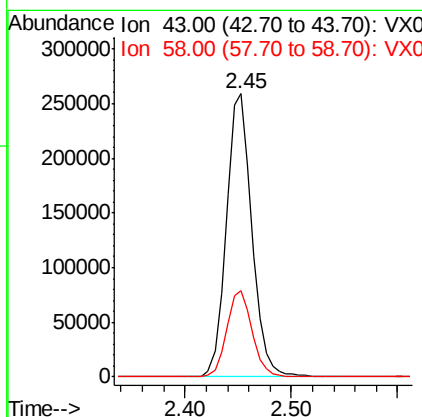
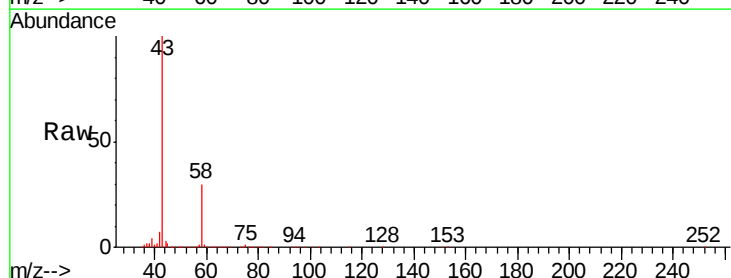
RT: 2.45 min Scan# 213

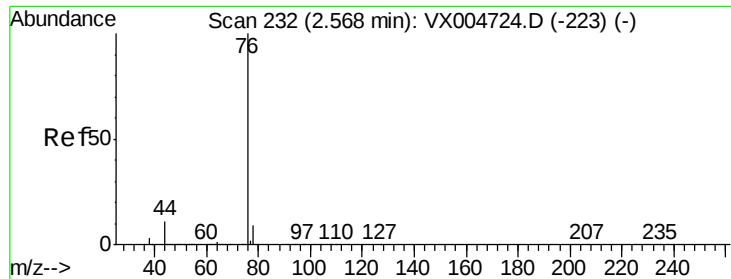
Delta R.T. 0.01 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Tgt Ion:	43	Resp:	433074
Ion	Ratio	Lower	Upper
43	100		
58	30.4	21.8	32.6





#17

Carbon Disulfide

Concen: 46.78 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 339403

Ion Ratio Lower Upper

76 100

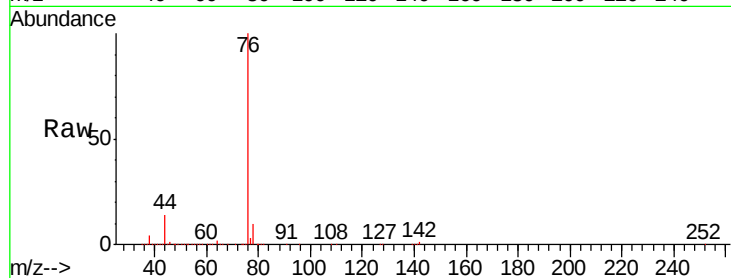
78 9.5 7.0 10.6

Manual Integrations

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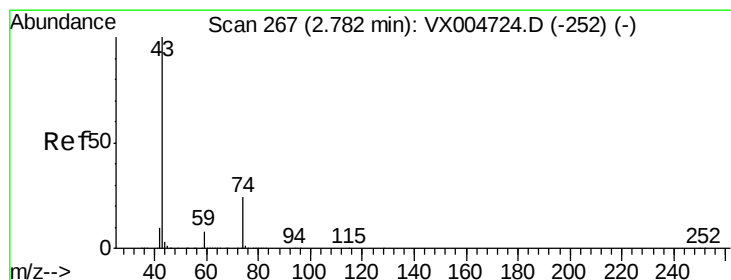
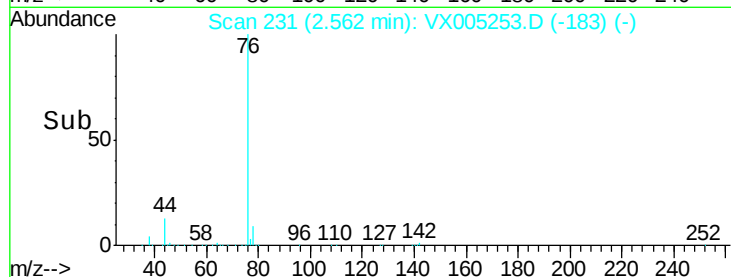
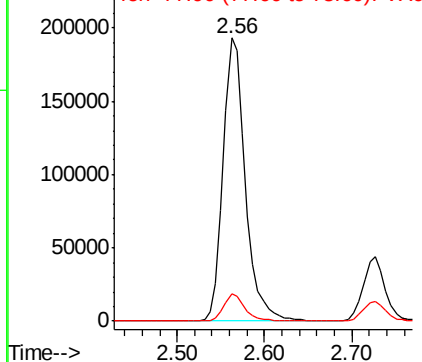
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 55.56 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005253.D

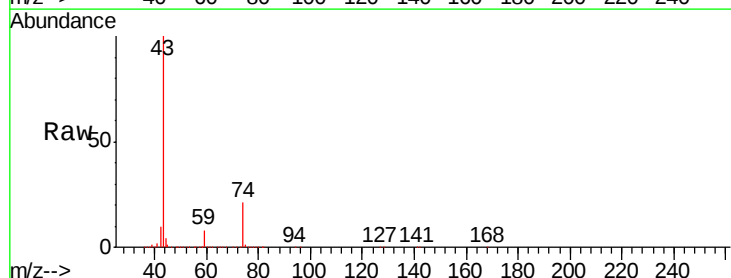
Acq: 11 Oct 2018 13:54

Tgt Ion: 43 Resp: 261612

Ion Ratio Lower Upper

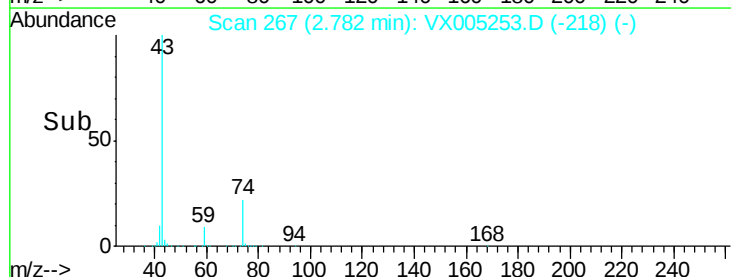
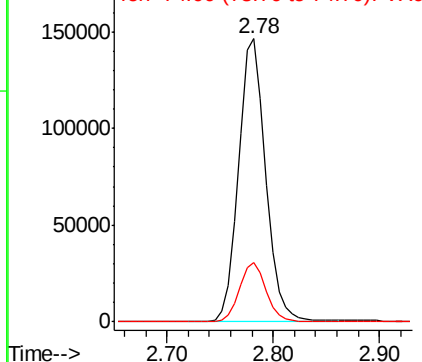
43 100

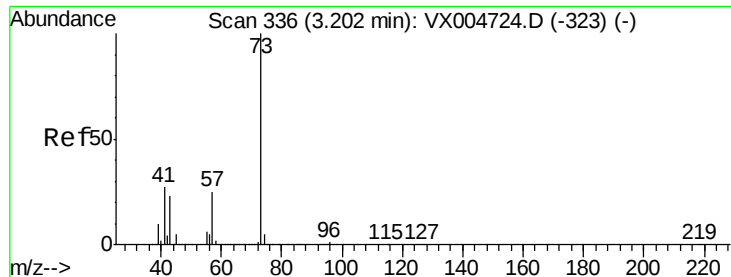
74 20.4 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





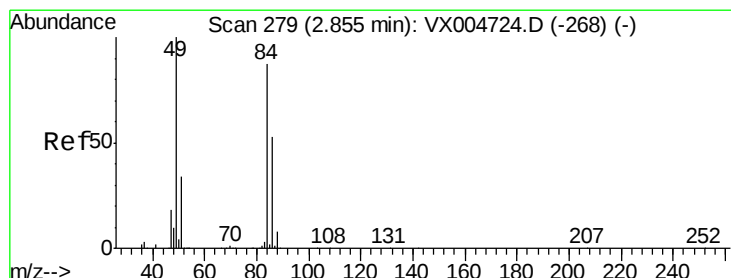
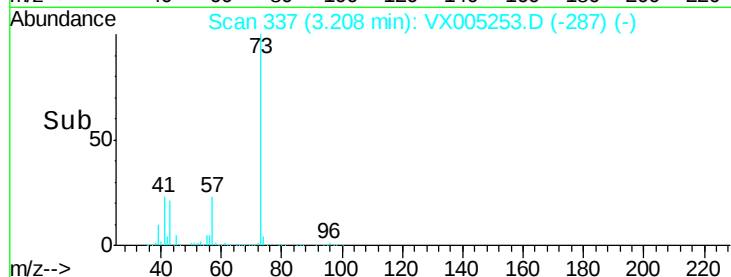
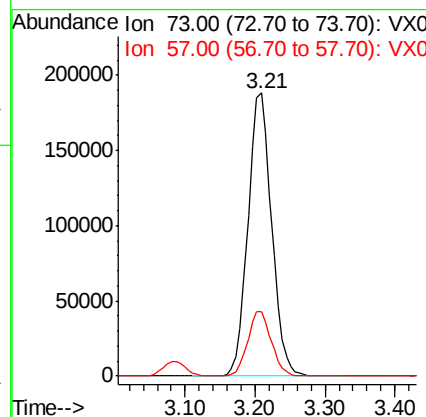
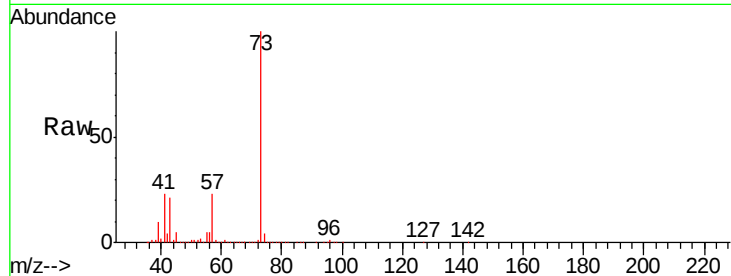
#19
Methyl tert-butyl Ether
Concen: 53.10 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.8	19.9	29.9

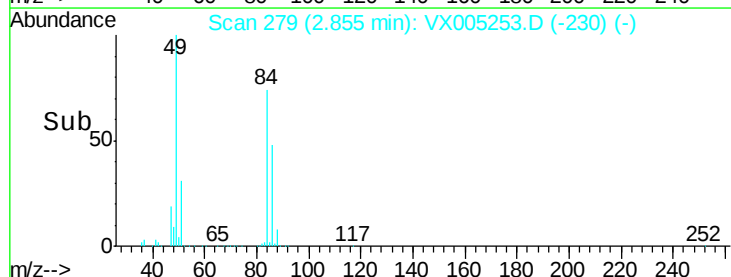
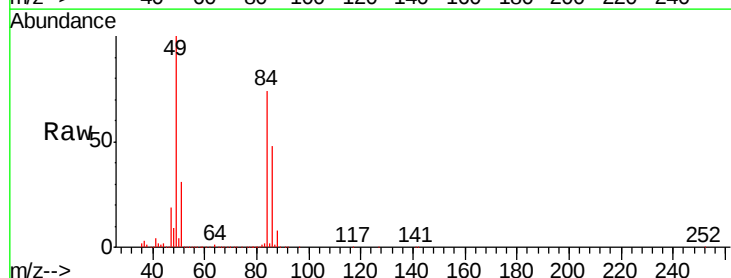
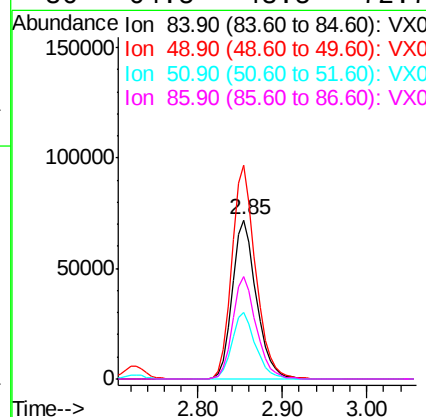
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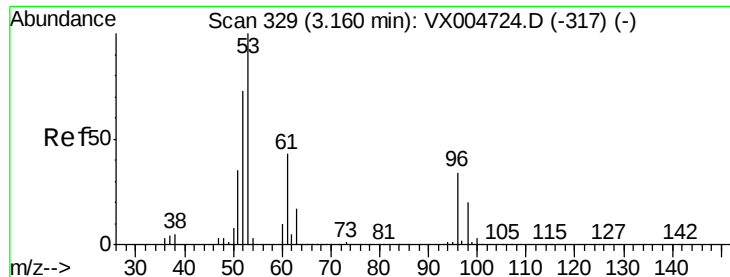
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#20
Methylene Chloride
Concen: 51.59 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	134.5	92.3	138.5
51	41.8	31.8	47.6
86	64.5	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 48.45 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

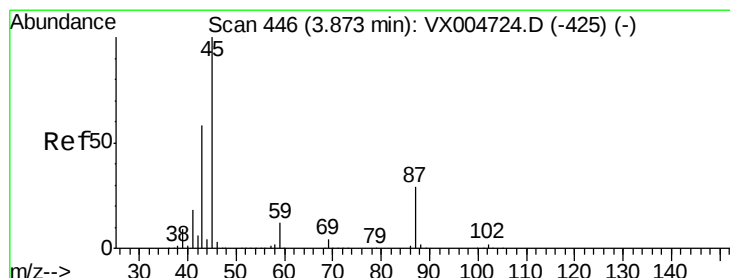
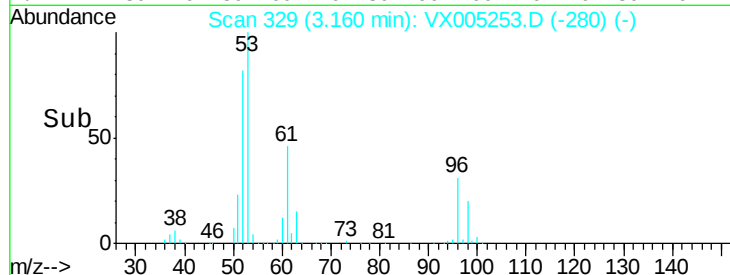
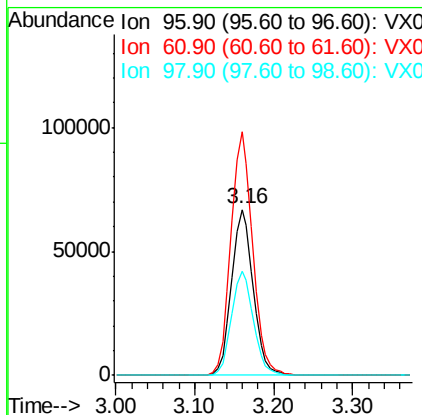
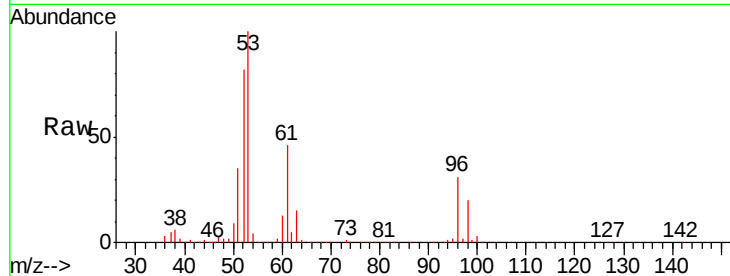
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	128047
Ion	Ratio	Lower	Upper
96	100		
61	146.7	101.0	151.6
98	62.8	47.2	70.8

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#22

Diisopropyl ether

Concen: 51.25 ug/l

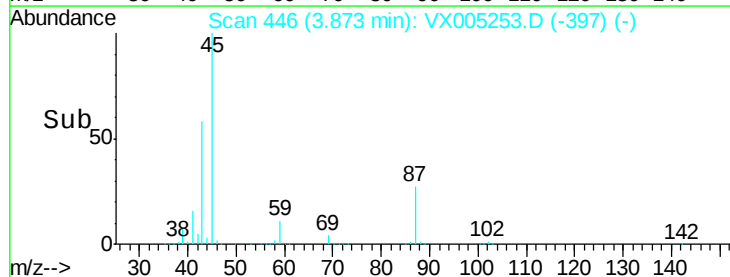
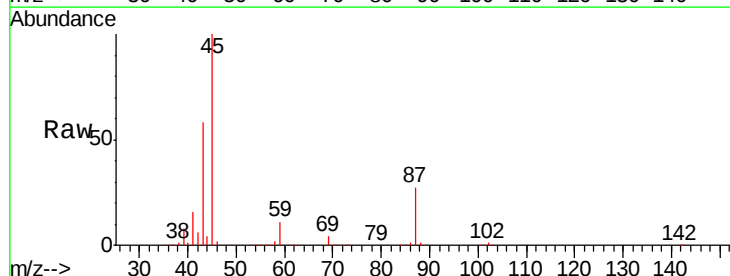
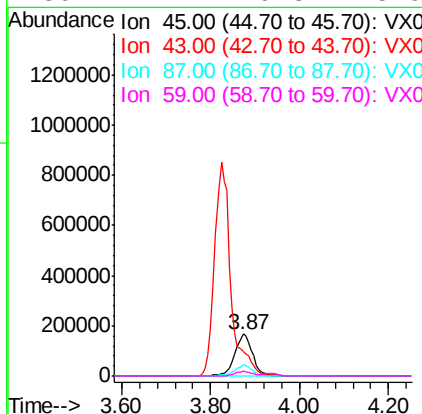
RT: 3.87 min Scan# 446

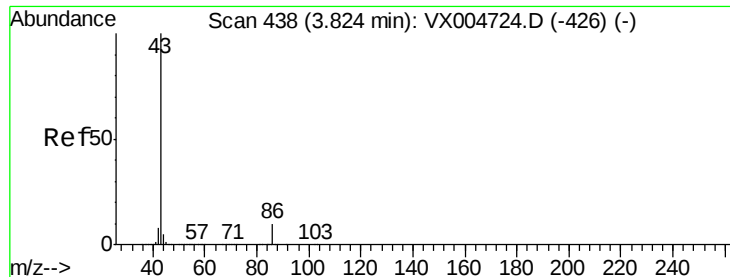
Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Tgt Ion:	45	Resp:	454679
Ion	Ratio	Lower	Upper
45	100		
43	58.3	46.7	70.1
87	27.1	22.9	34.3
59	11.1	9.3	13.9





#23

Vinyl Acetate

Concen: 266.28 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 2162266

Ion Ratio Lower Upper

43 100

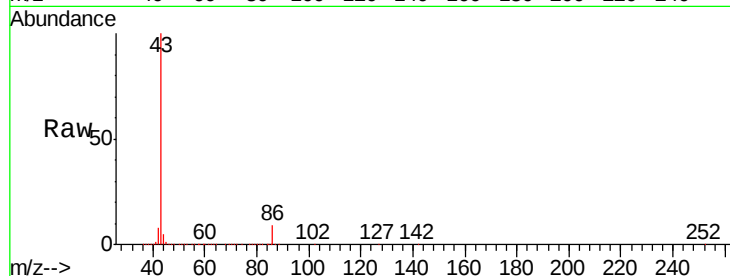
86 9.2 8.1 12.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

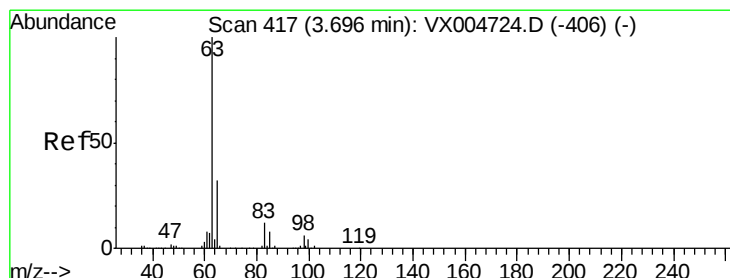
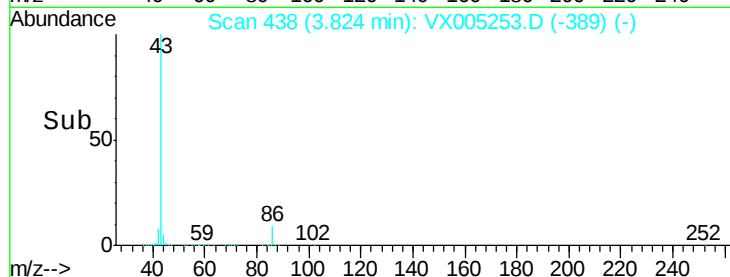
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 49.03 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

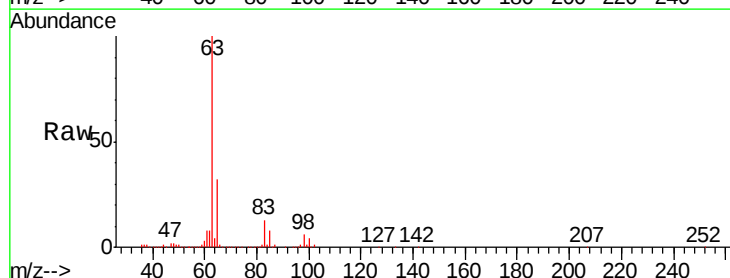
Tgt Ion: 63 Resp: 259454

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

100 4.1 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

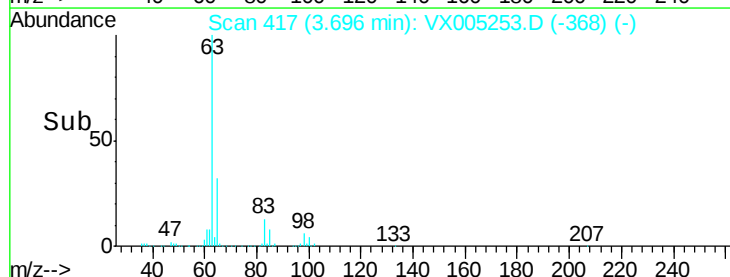
150000

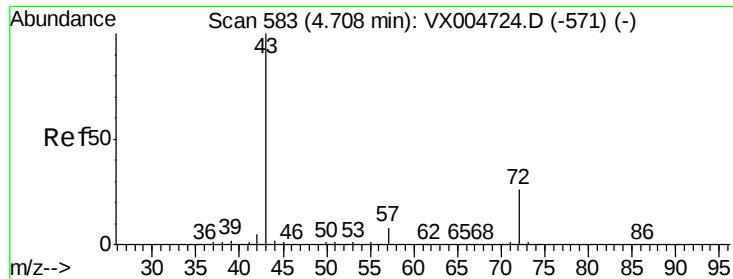
100000

50000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 235.55 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 645240

Ion Ratio Lower Upper

43 100

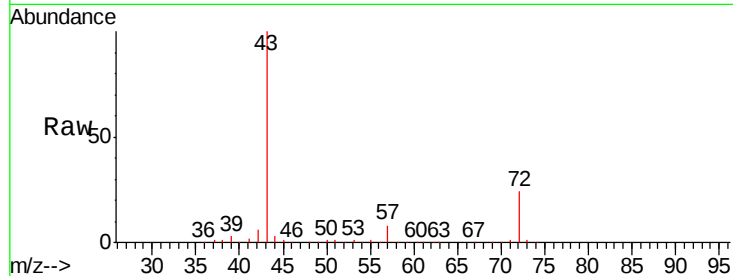
72 24.3 20.8 31.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

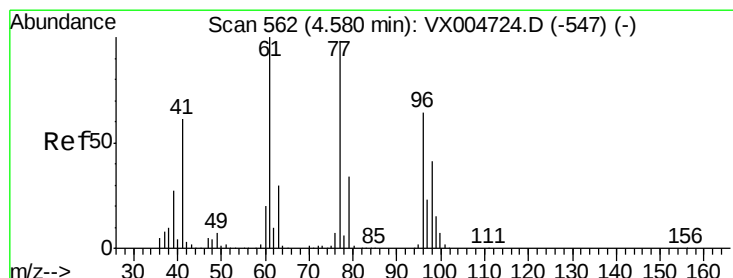
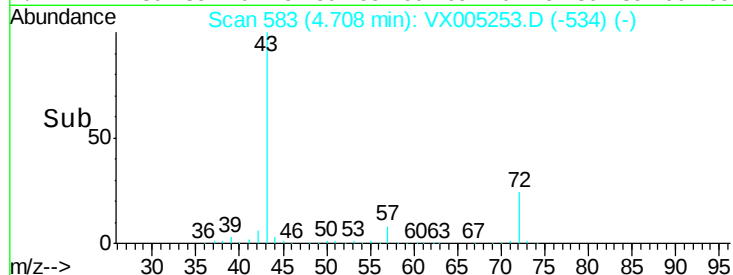
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 46.66 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005253.D

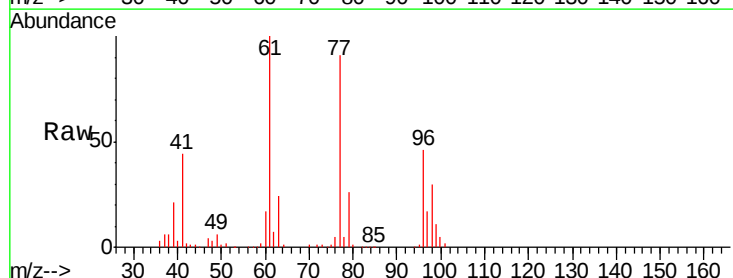
Acq: 11 Oct 2018 13:54

Tgt Ion: 77 Resp: 171951

Ion Ratio Lower Upper

77 100

97 23.4 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

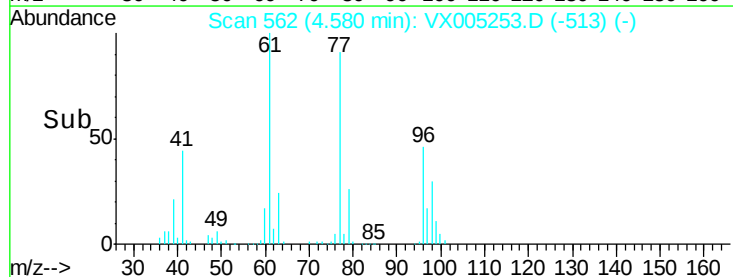
40000

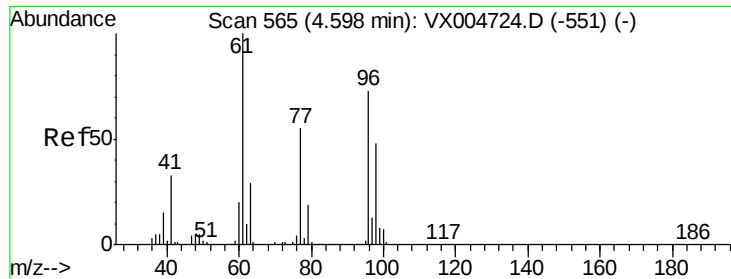
20000

0

4.40 4.50 4.60 4.70 4.80

Time-->





#27

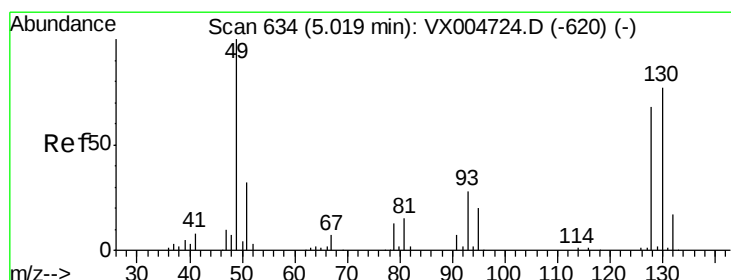
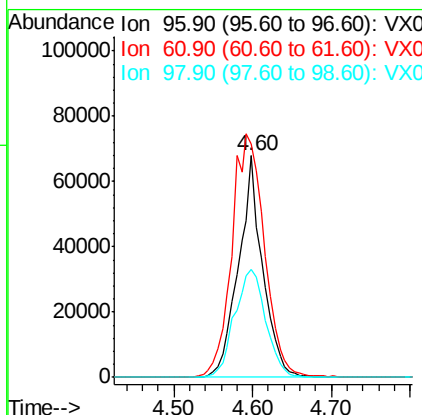
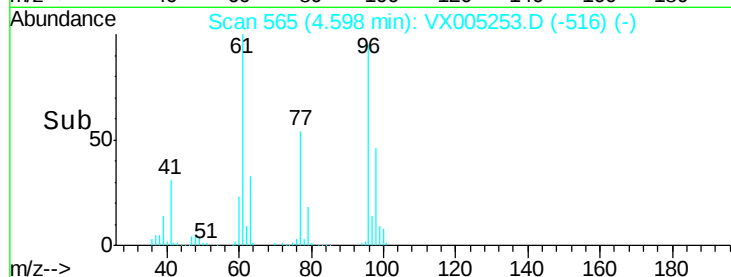
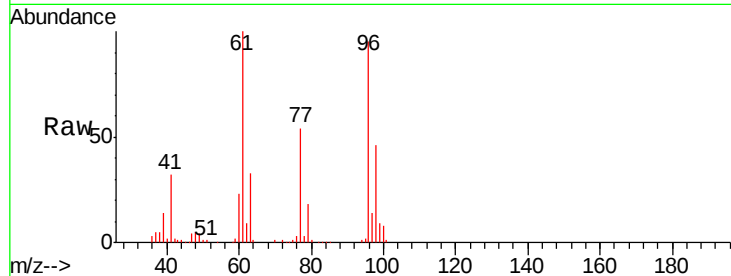
cis-1,2-Dichloroethene
 Concen: 48.77 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	144003		
61	149.1	0.0	285.8	
98	63.1	0.0	136.2	

Manual Integrations
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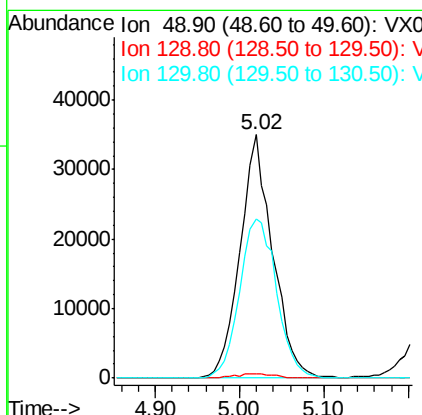
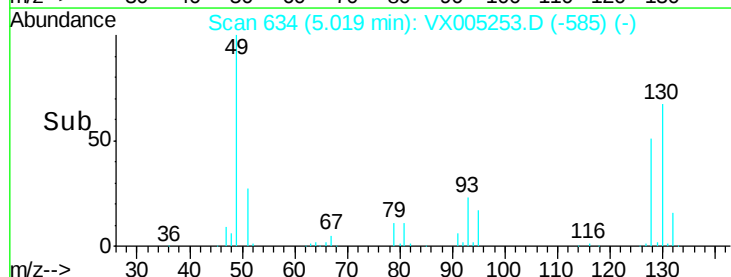
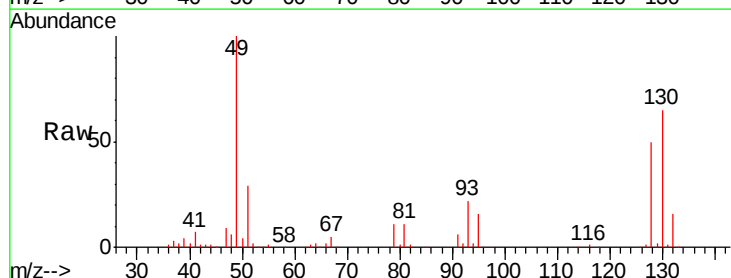
MMDadoda
 10/12/2018 11:45:06 AM

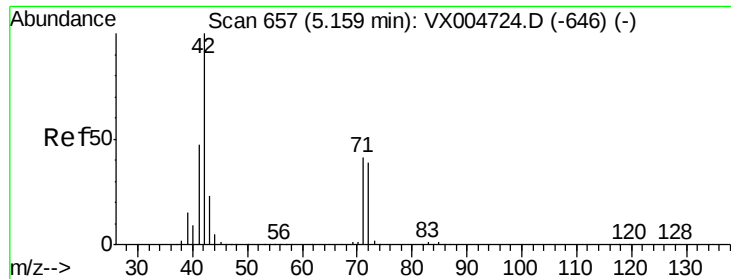


#28

Bromochloromethane
 Concen: 36.72 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	91505		
129	2.0	0.0	4.2	
130	74.2	62.0	93.0	





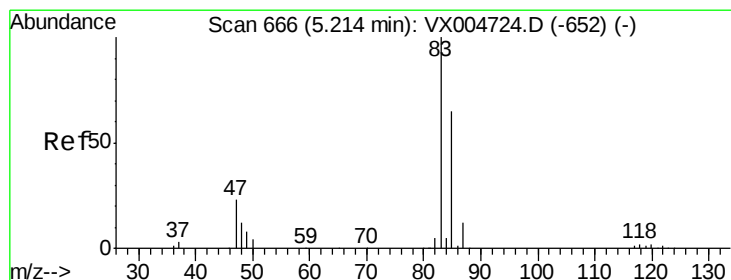
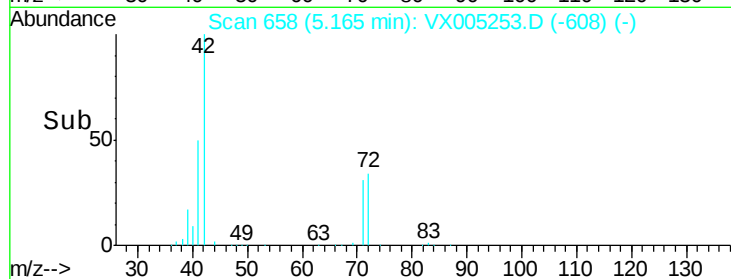
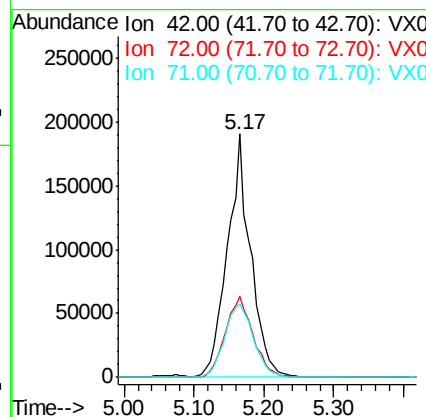
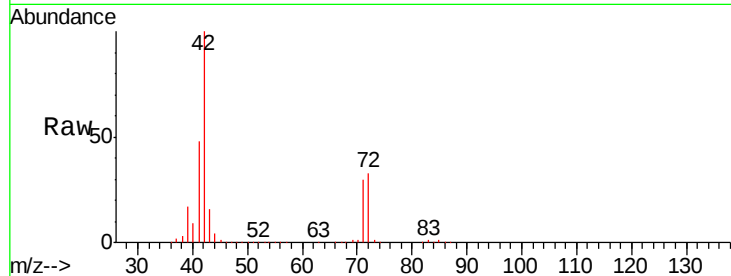
#29
Tetrahydrofuran
Concen: 257.81 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.7	33.7	50.5
71	37.3	32.2	48.4

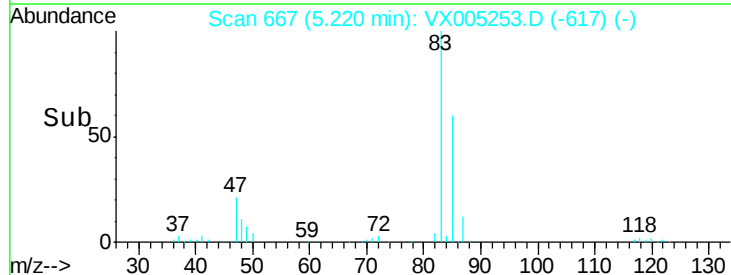
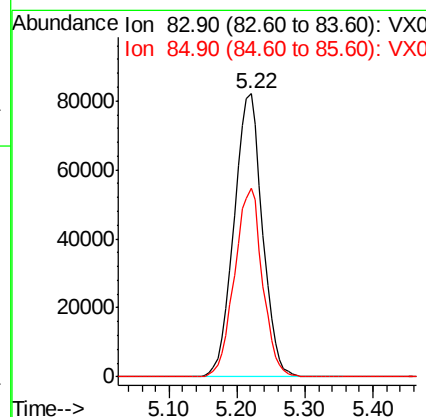
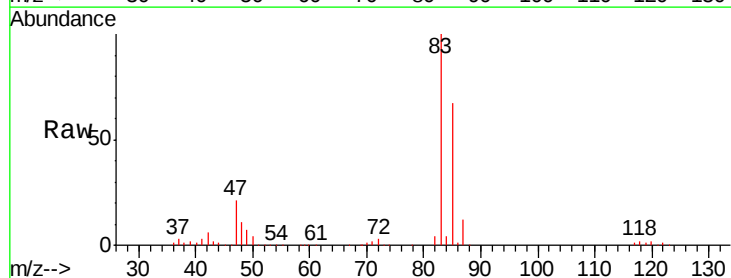
Manual Integrations
APPROVED

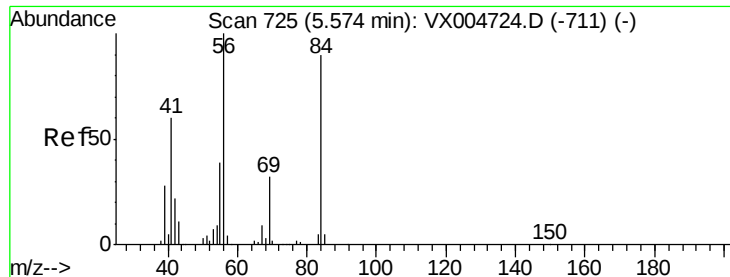
MMDadoda
10/12/2018 11:45:06 AM



#30
Chloroform
Concen: 47.52 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.4	78.6





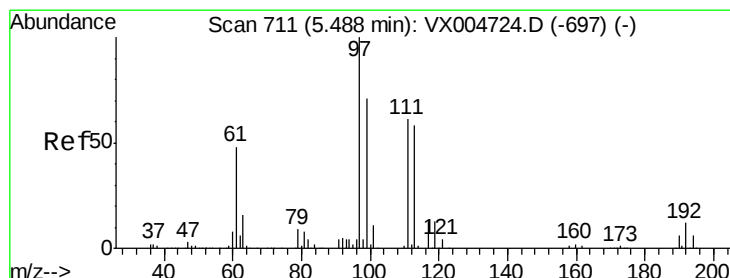
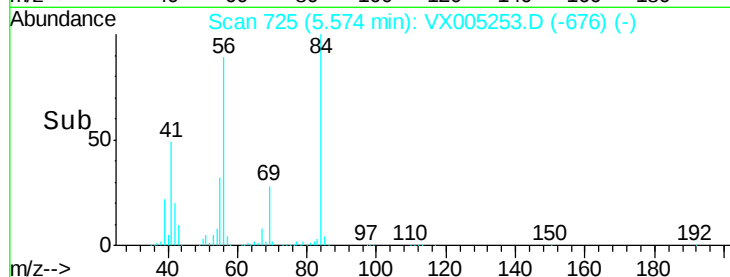
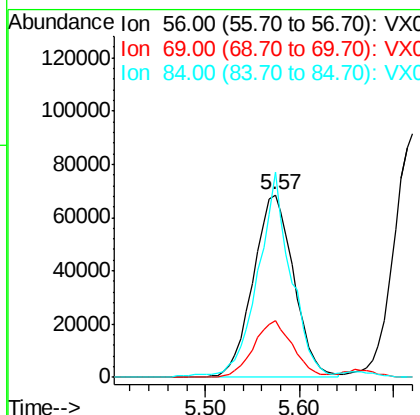
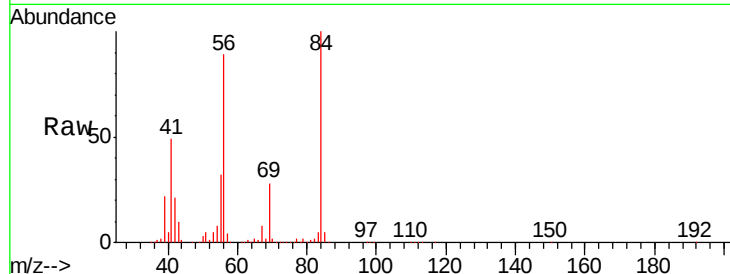
#31
Cyclohexane
Concen: 51.07 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.9	38.9
84	110.8	71.9	107.9

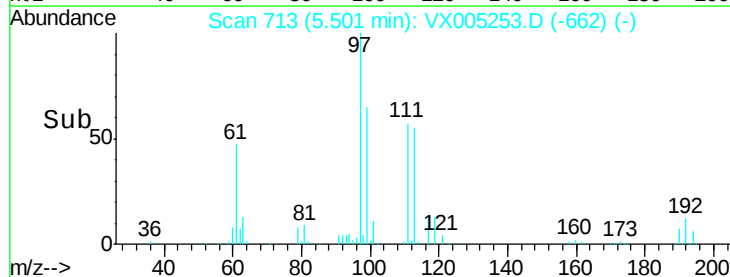
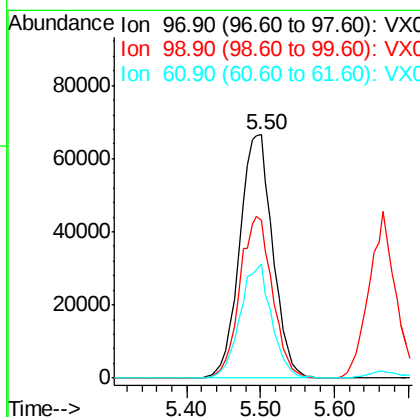
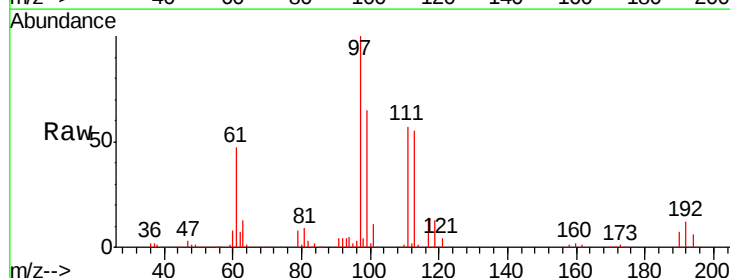
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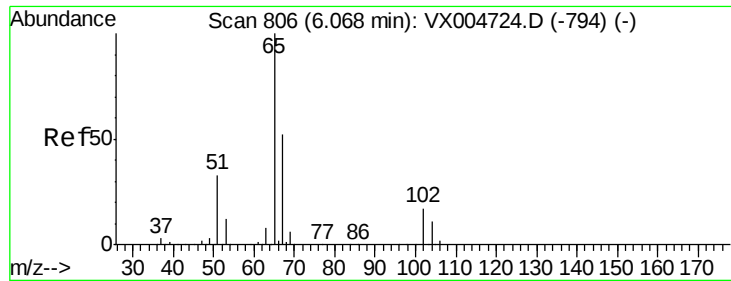
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#32
1,1,1-Trichloroethane
Concen: 50.74 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	54.6	82.0
61	44.8	37.5	56.3





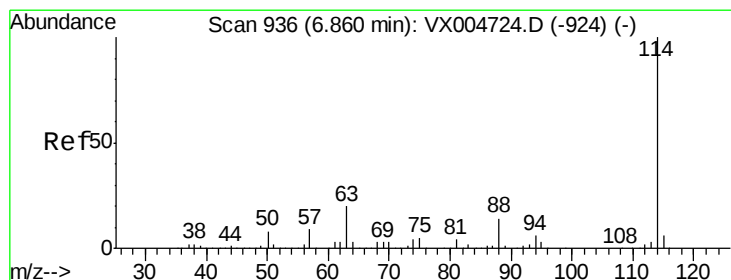
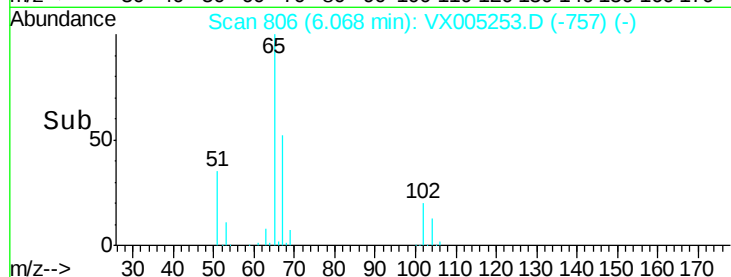
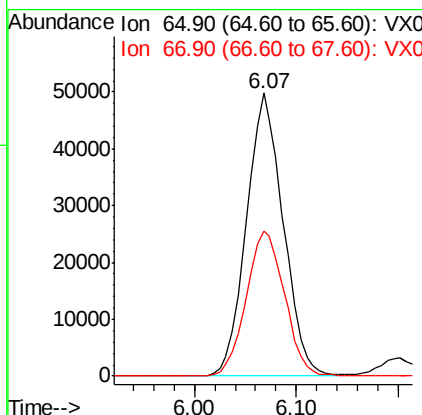
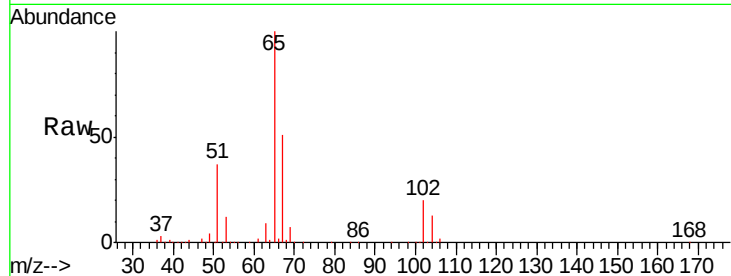
#33
 1,2-Dichloroethane-d4
 Concen: 39.24 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 124897
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.4

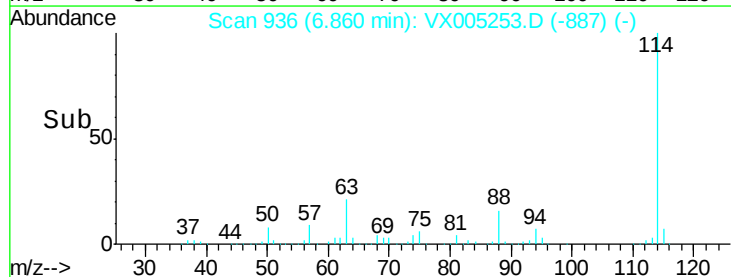
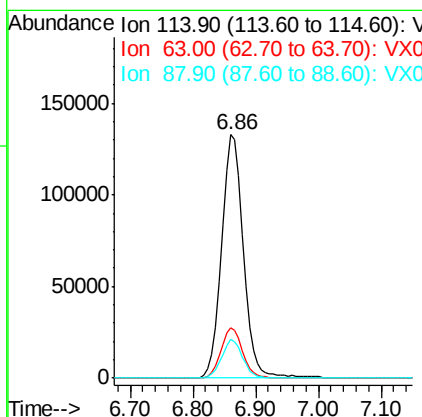
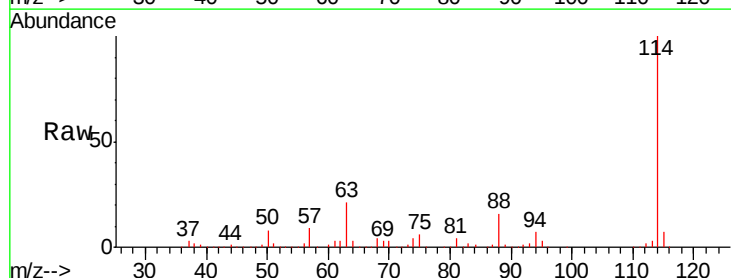
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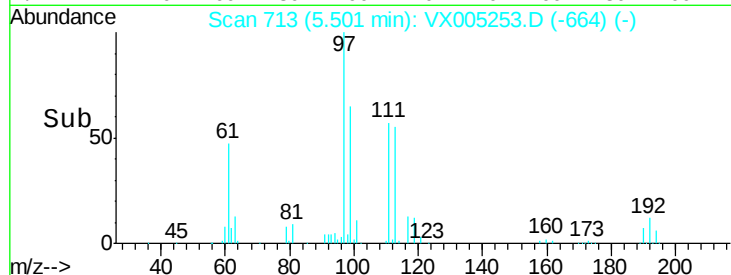
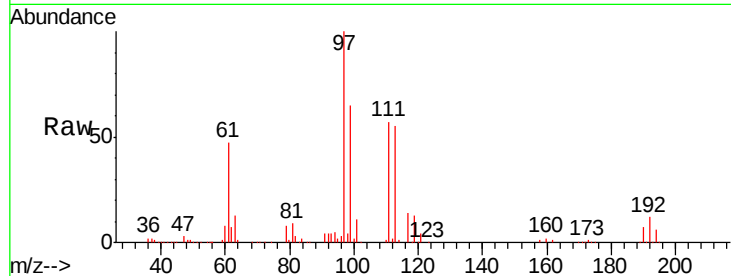
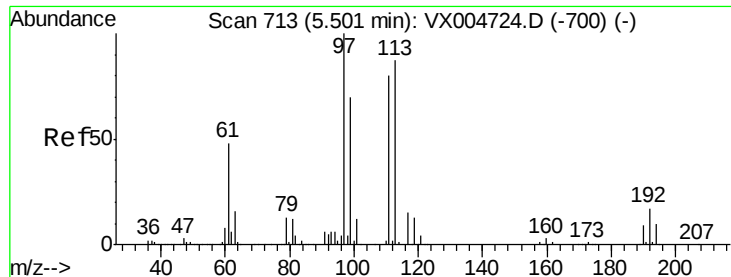
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Tgt Ion: 114 Resp: 320846
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.8
 88 15.7 0.0 27.0





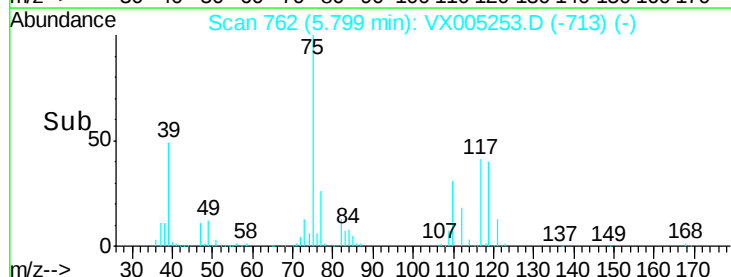
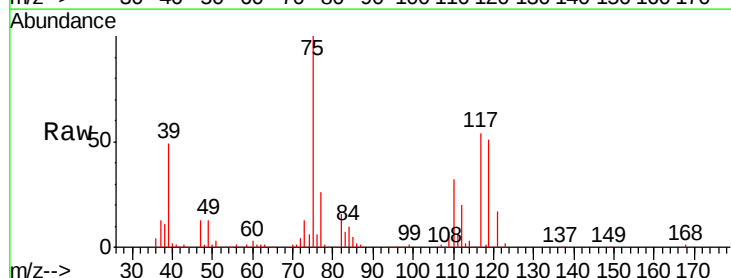
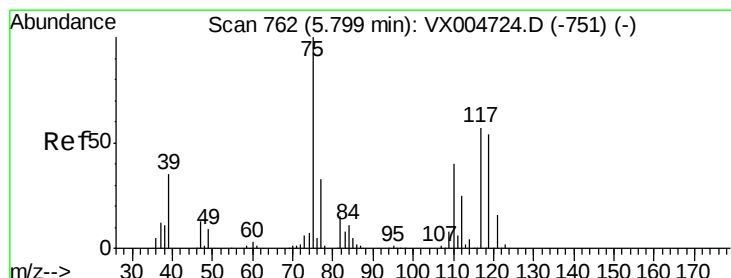
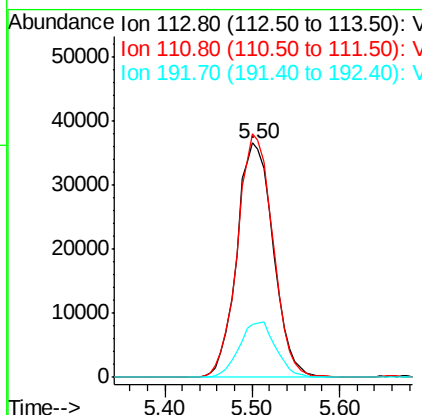
#35
Dibromofluoromethane
Concen: 38.94 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	105889		
111	101.2	77.0	115.4	
192	23.6	17.0	25.6	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

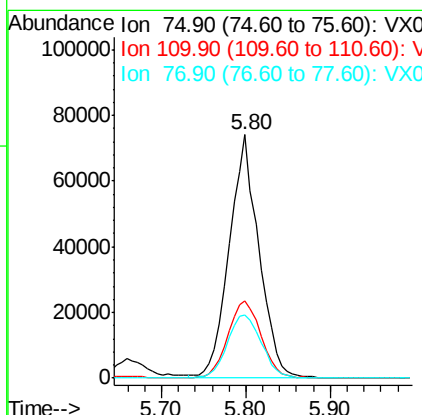
Manual Integrations
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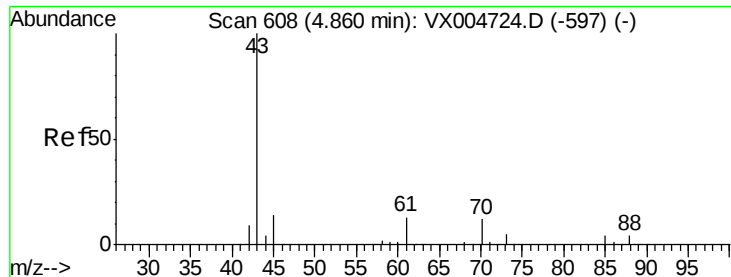
MMDadoda
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#36
1,1-Dichloropropene
Concen: 47.53 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	176340		
110	35.5	20.0	59.9	
77	29.7	27.1	40.7	





#37

Ethyl Acetate

Concen: 46.24 ug/l

RT: 4.87 min Scan# 609

Delta R.T. 0.01 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

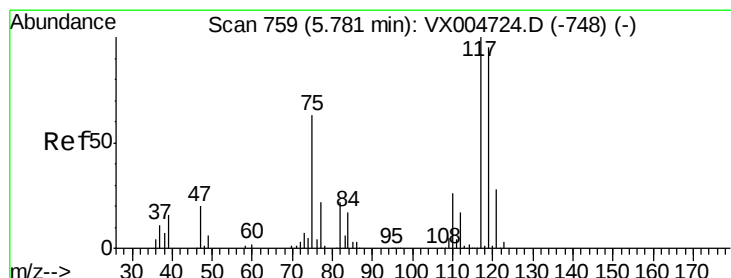
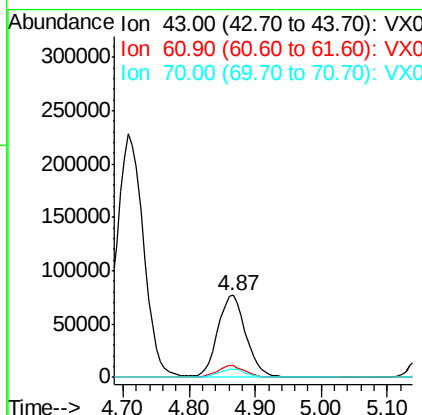
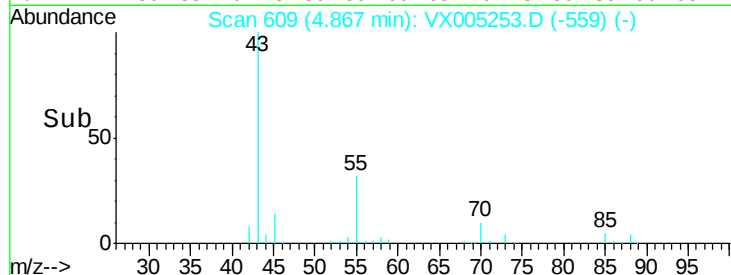
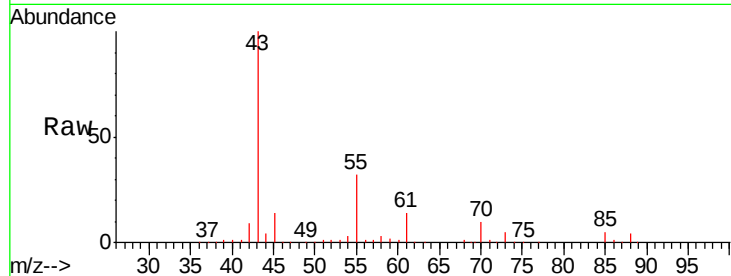
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	227734
Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.4	15.6
70	10.0	8.7	13.1

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#38

Carbon Tetrachloride

Concen: 46.92 ug/l

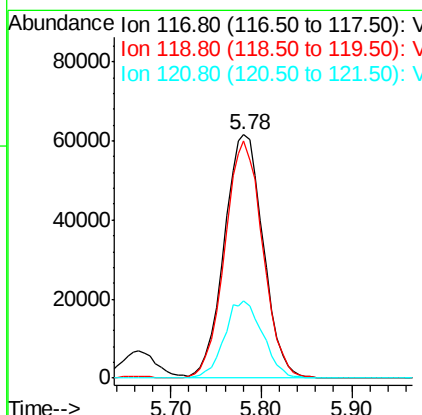
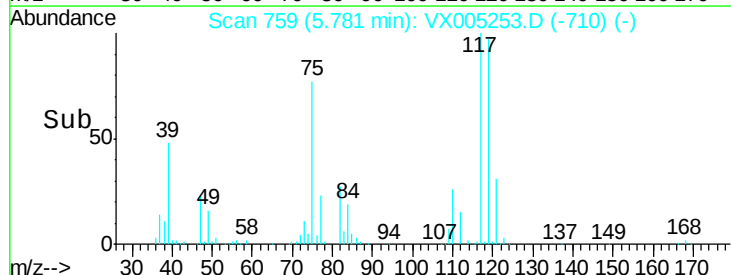
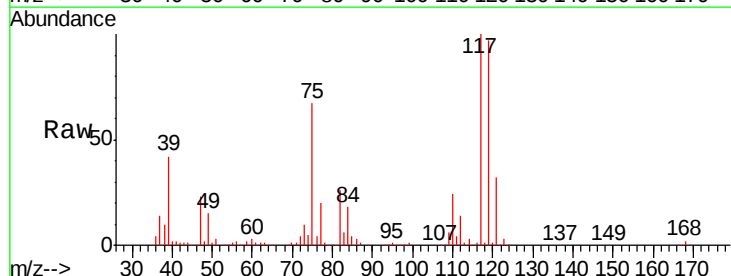
RT: 5.78 min Scan# 759

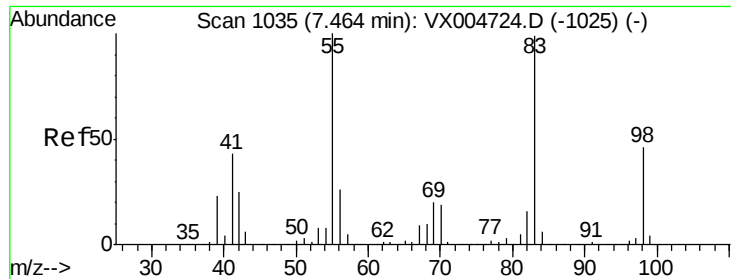
Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Tgt Ion:	117	Resp:	183002
Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.2	112.8
121	31.6	22.5	33.7





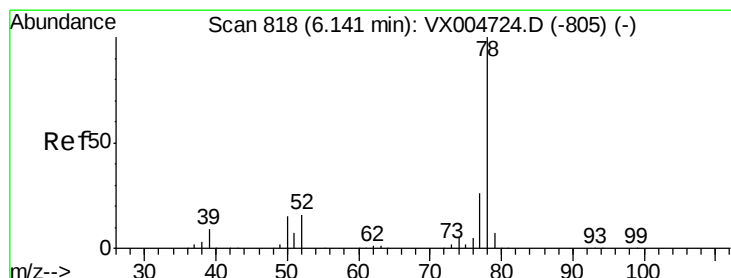
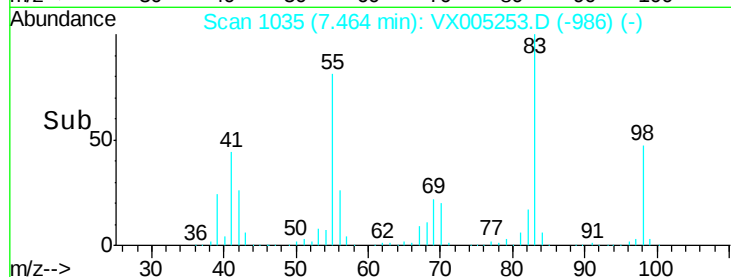
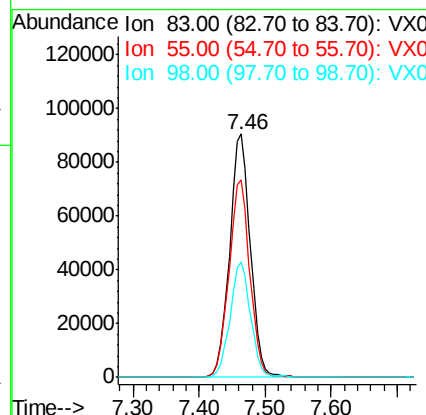
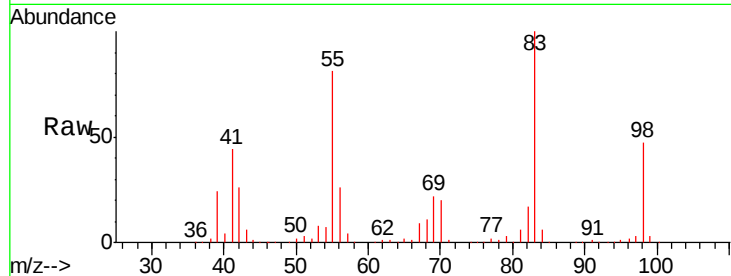
#39
Methylcyclohexane
Concen: 51.99 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.4	81.1	121.7
98	47.3	37.3	55.9

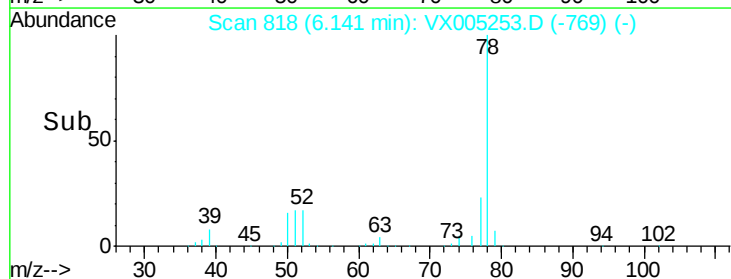
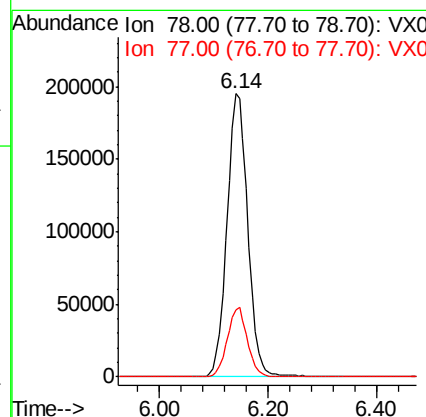
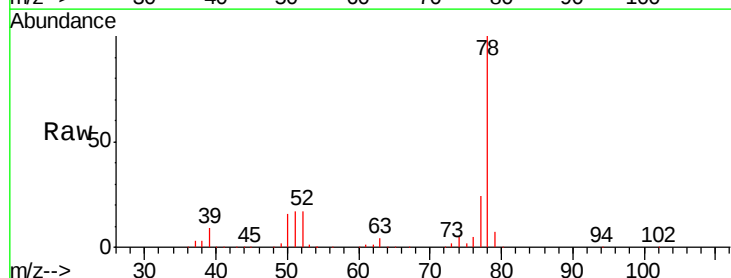
Manual Integrations
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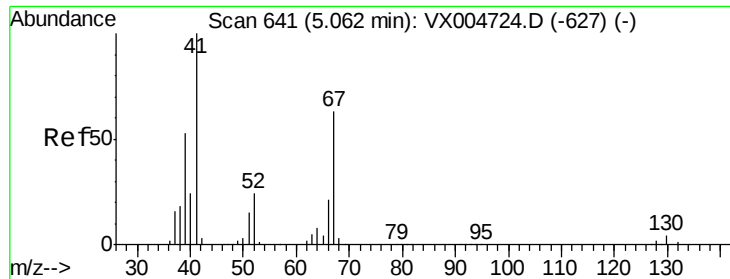
MMDadoda
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#40
Benzene
Concen: 44.66 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	21.0	31.4





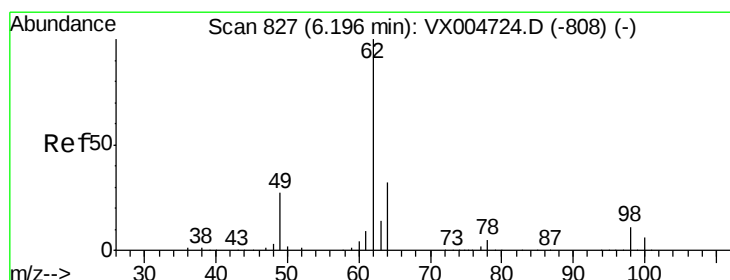
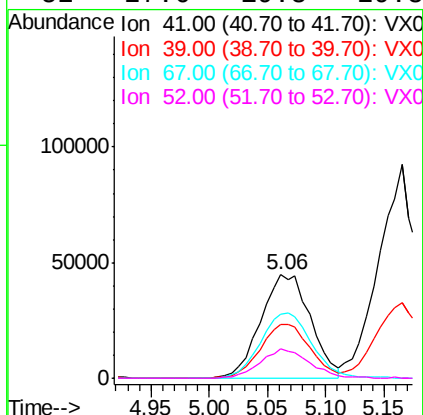
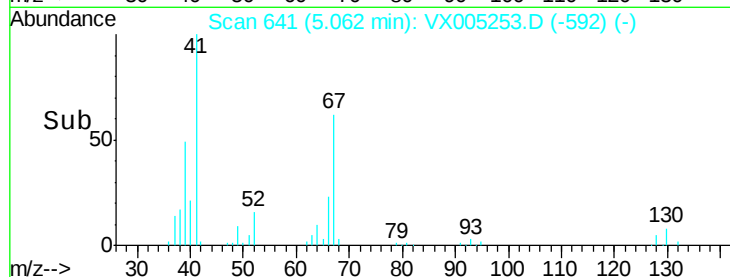
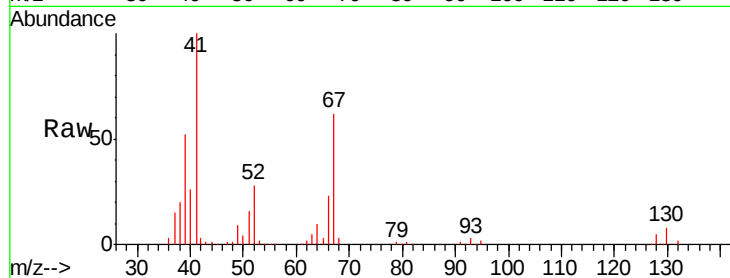
#41
Methacrylonitrile
Concen: 48.43 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.0	42.5	63.7
67	65.4	53.0	79.6
52	27.6	19.8	29.8

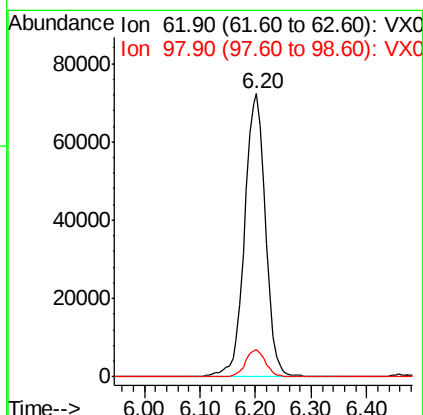
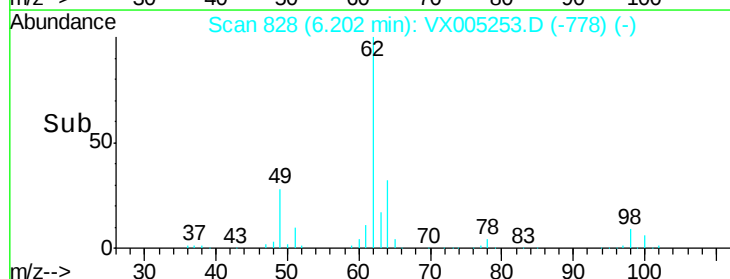
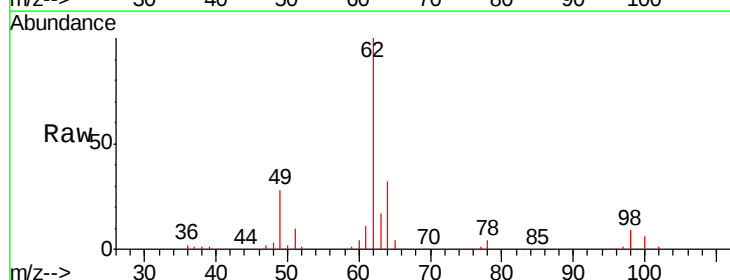
Manual Integrations
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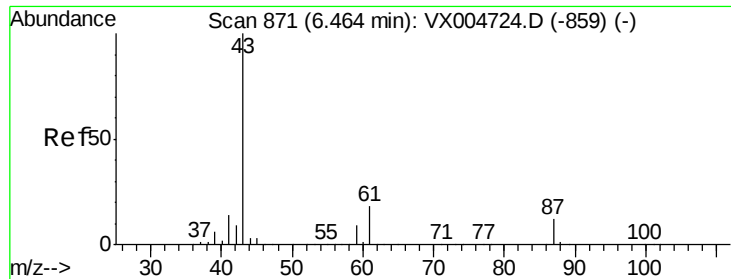
MMDadoda
10/12/2018 11:45:06 AM



#42
1,2-Dichloroethane
Concen: 45.87 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.2





#43

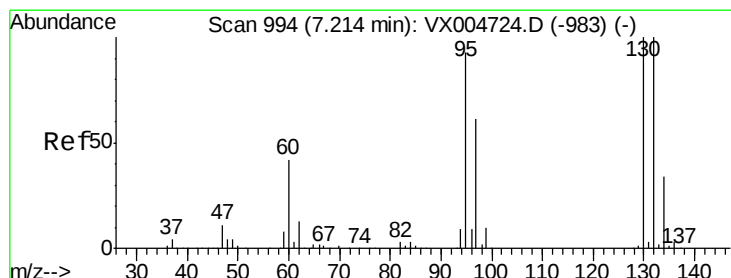
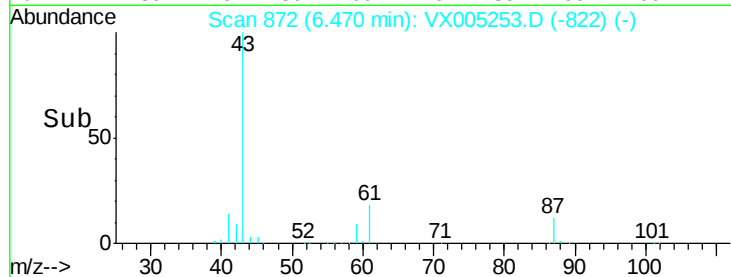
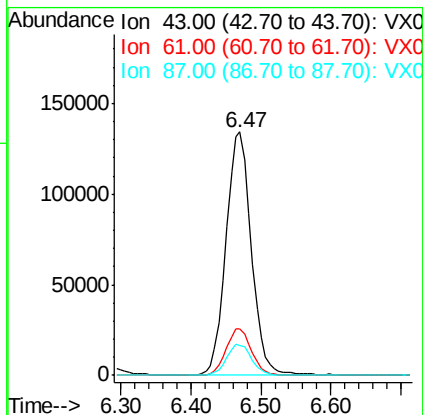
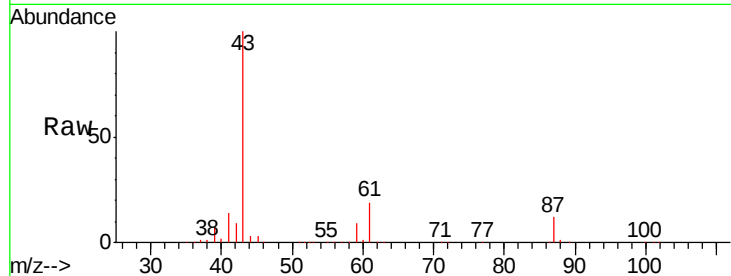
Isopropyl Acetate
 Concen: 47.29 ug/l
 RT: 6.47 min Scan# 872
 Delta R.T. 0.01 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.5	14.2	21.4
87	12.8	9.3	13.9

Manual Integrations
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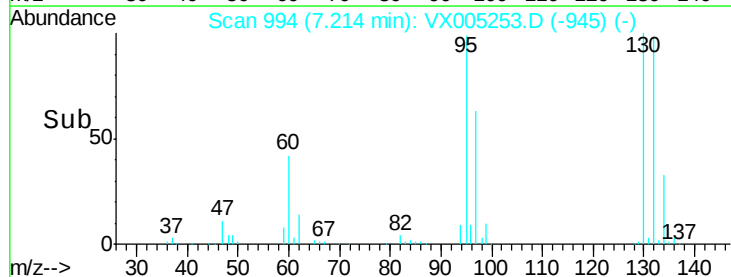
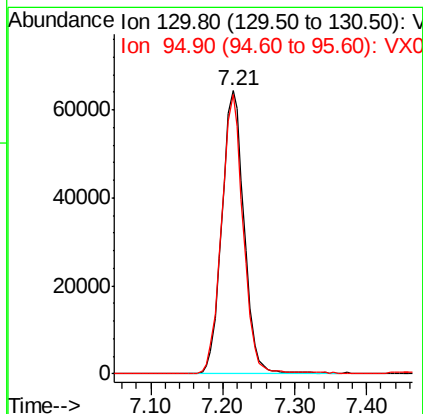
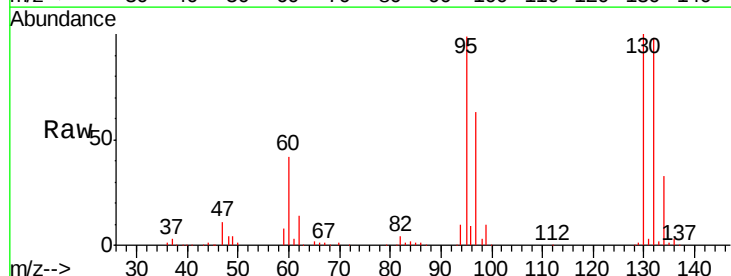
MMDadoda
 10/12/2018 11:45:06 AM

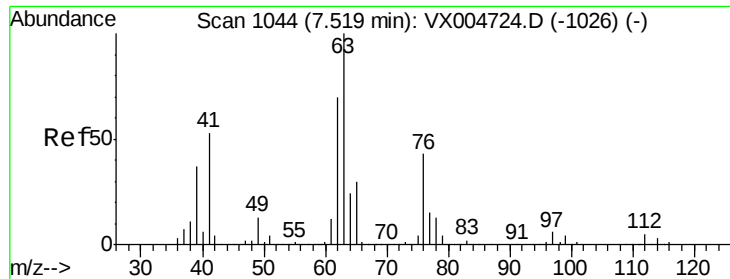


#44

Trichloroethene
 Concen: 48.56 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	186.8





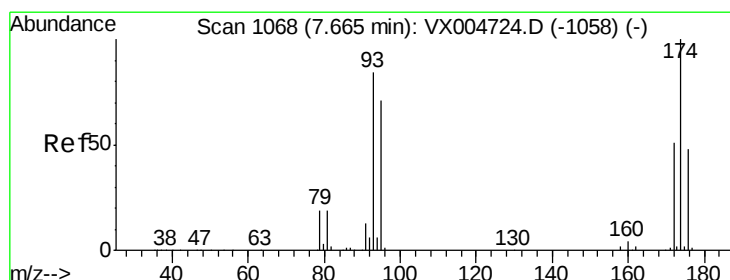
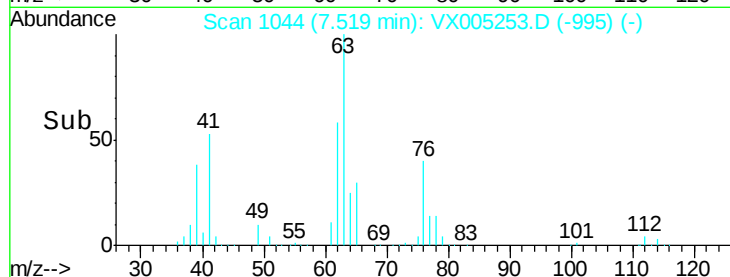
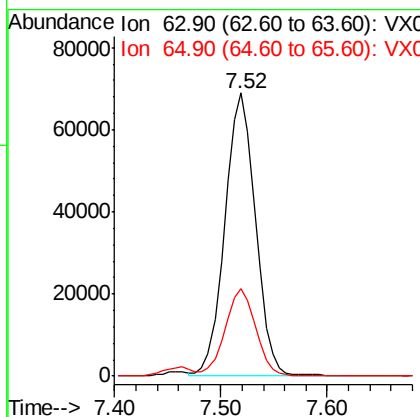
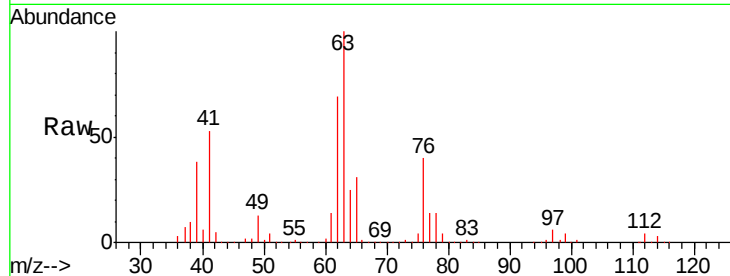
#45
1,2-Dichloropropane
Concen: 48.51 ug/l
RT: 7.52 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 138172
Ion Ratio Lower Upper
63 100
65 30.9 23.9 35.9

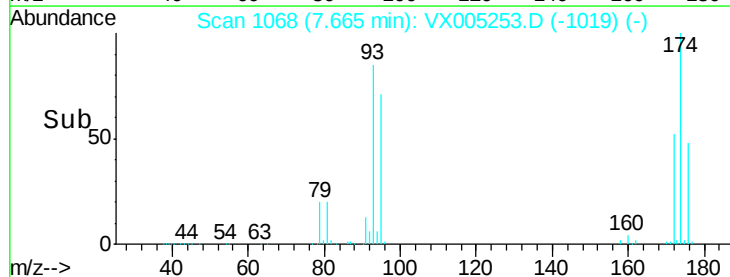
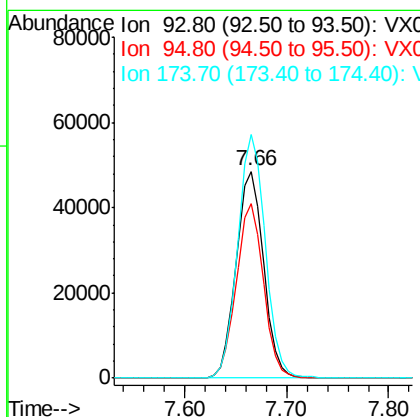
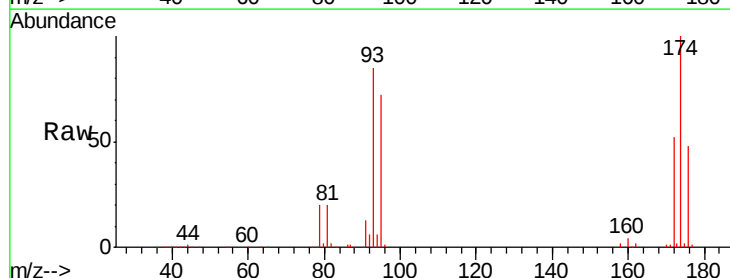
Manual Integrations
APPROVED

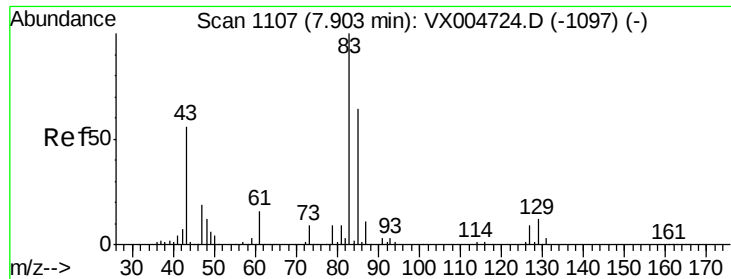
MMDadoda
10/12/2018 11:45:06 AM



#46
Dibromomethane
Concen: 50.73 ug/l
RT: 7.66 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion: 93 Resp: 90802
Ion Ratio Lower Upper
93 100
95 83.1 66.7 100.1
174 118.0 92.7 139.1





#47

Bromodichloromethane

Concen: 53.05 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 177789

Ion Ratio Lower Upper

83 100

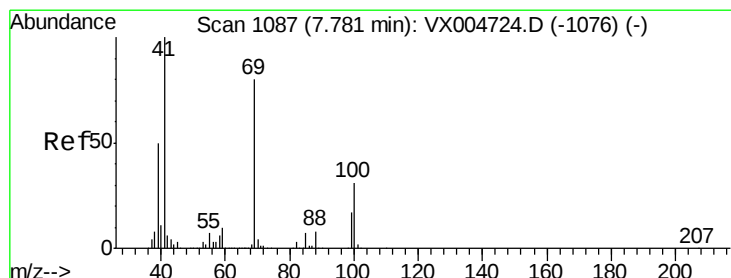
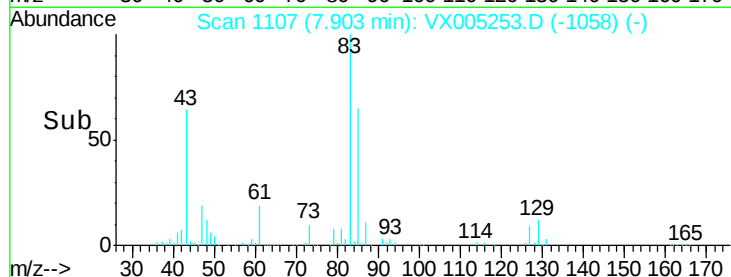
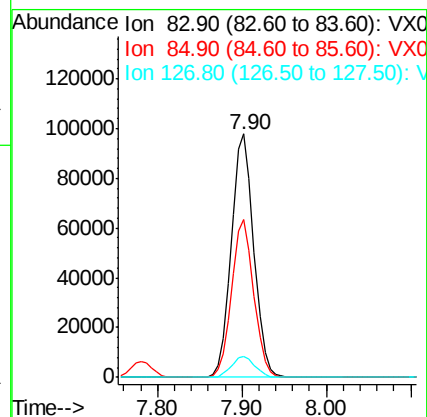
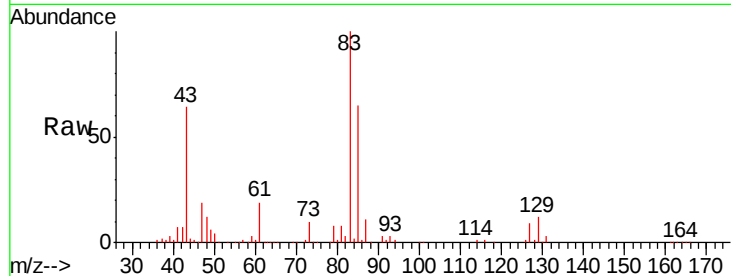
85 65.0 51.2 76.8

127 8.6 7.0 10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.88 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

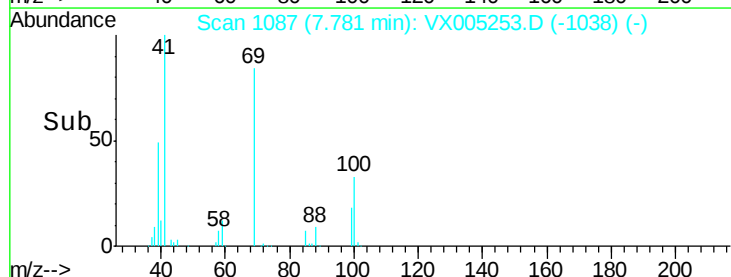
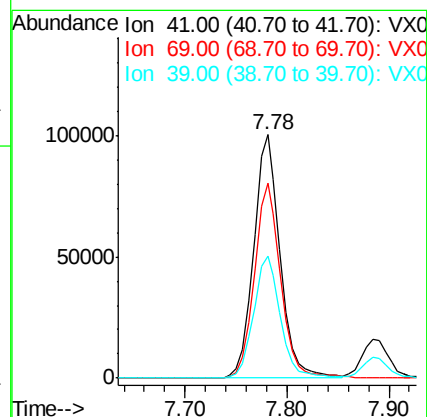
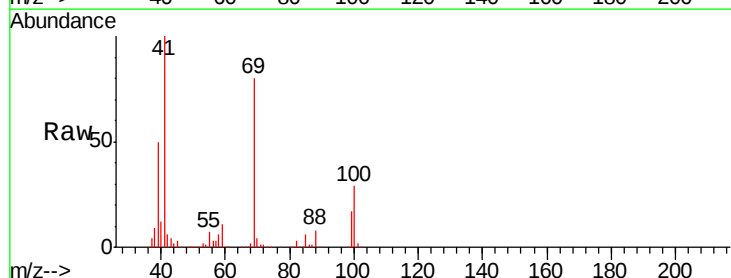
Tgt Ion: 41 Resp: 180297

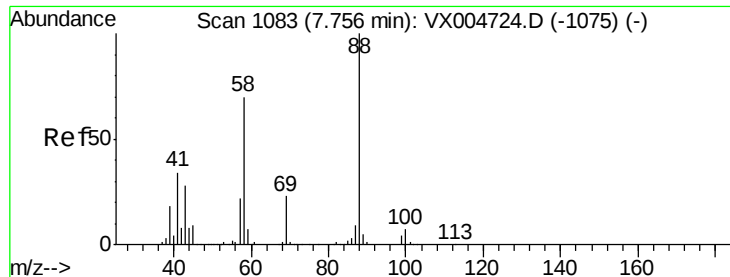
Ion Ratio Lower Upper

41 100

69 80.3 63.8 95.6

39 50.9 40.7 61.1





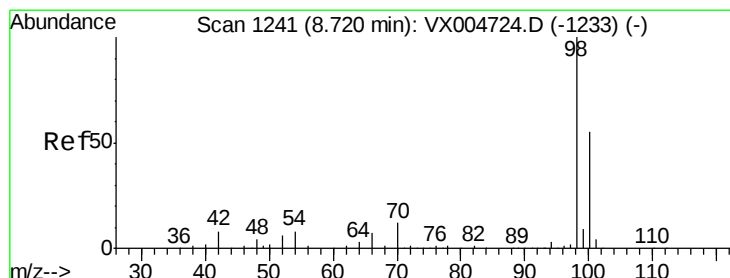
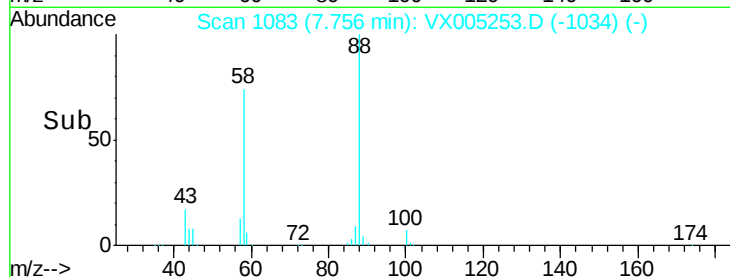
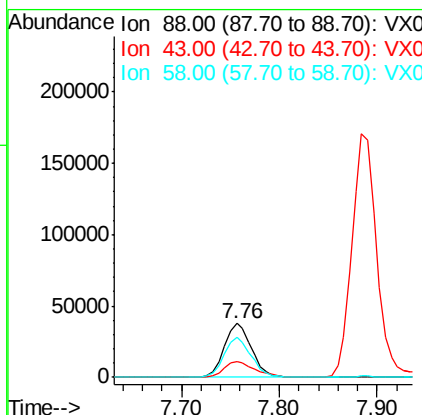
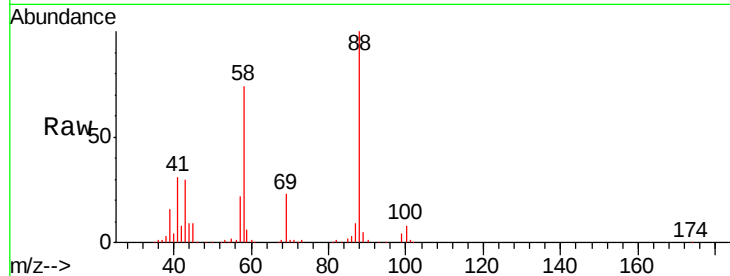
#49
1,4-Dioxane
Concen: 907.31 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.1	25.1	37.7
58	74.0	56.2	84.2

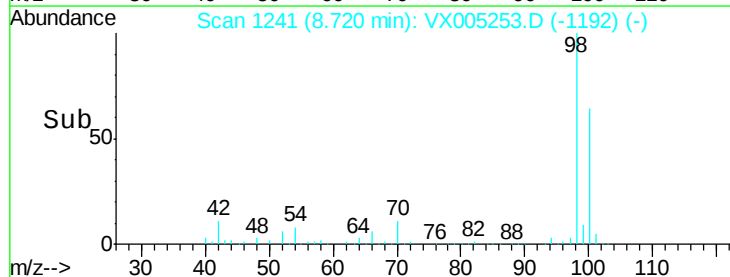
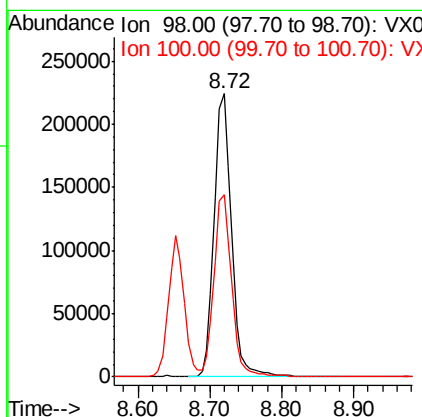
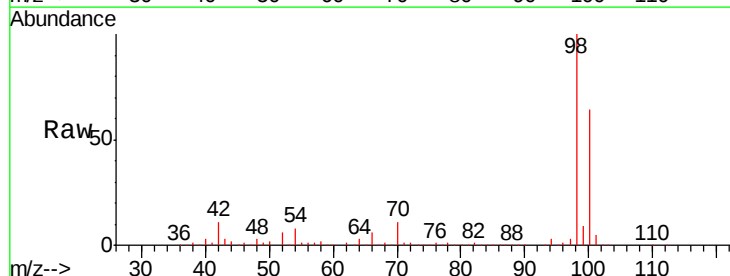
Manual Integrations
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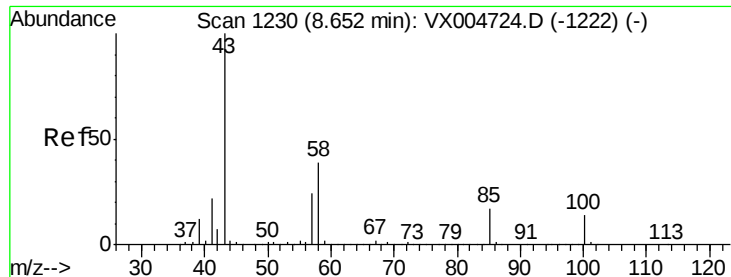
MMDadoda
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#50
Toluene-d8
Concen: 41.47 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.9	77.9





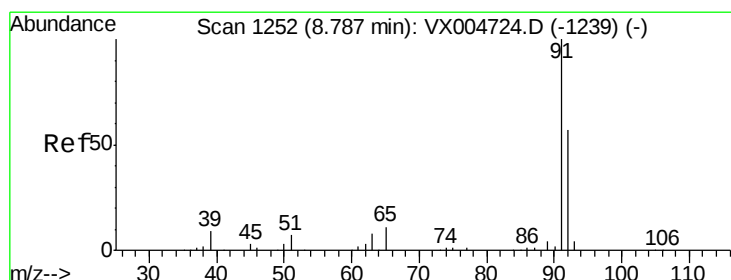
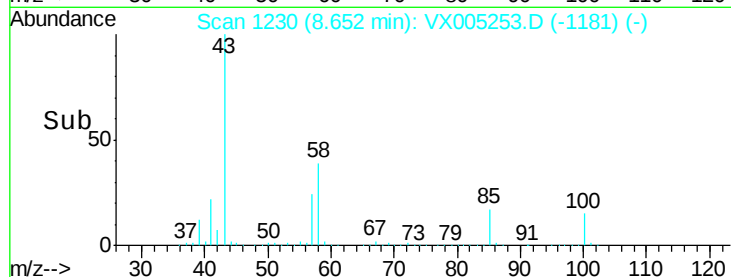
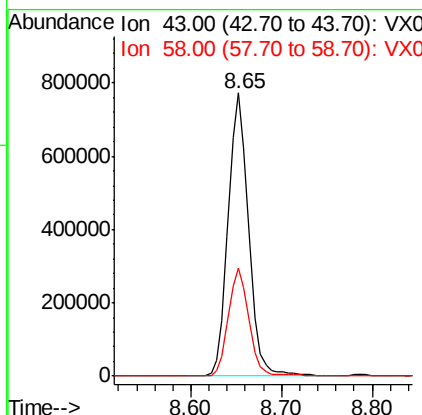
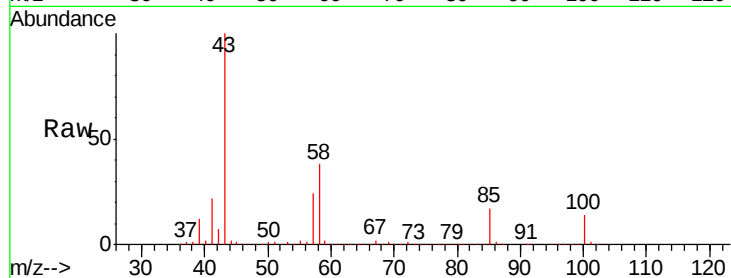
#51
4-Methyl-2-Pentanone
Concen: 270.98 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1212803
Ion Ratio Lower Upper
43 100
58 38.6 30.5 45.7

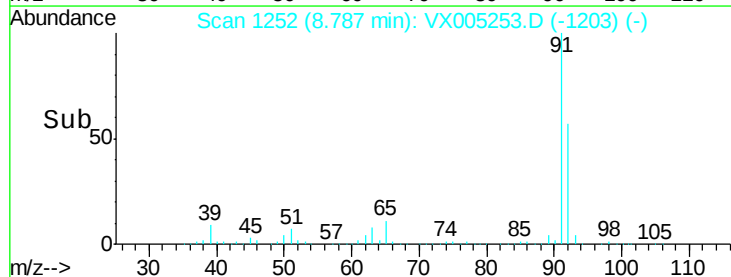
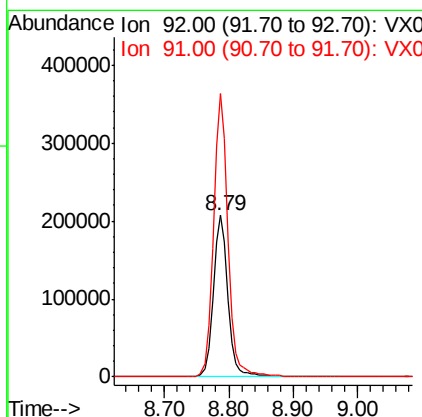
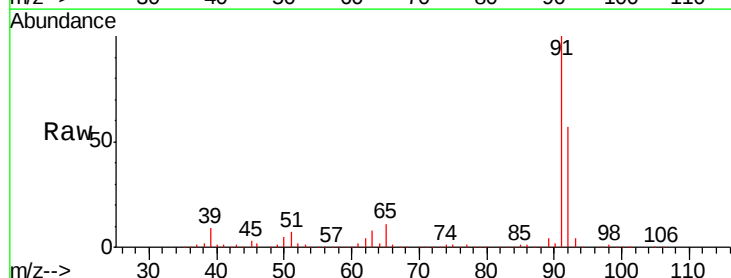
Manual Integrations
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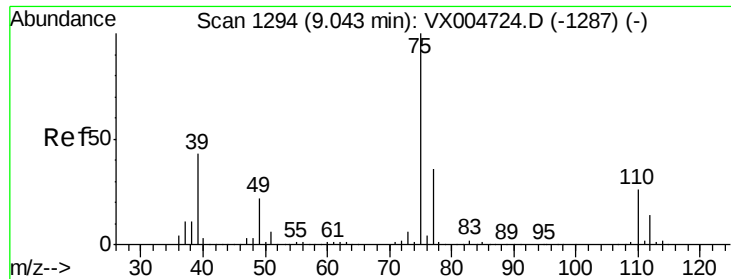
MMDadoda
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#52
Toluene
Concen: 51.59 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion: 92 Resp: 329236
Ion Ratio Lower Upper
92 100
91 174.4 136.7 205.1





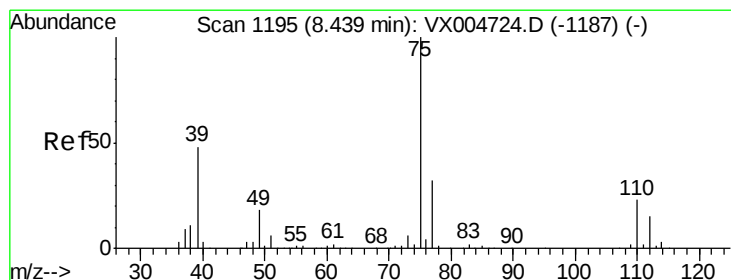
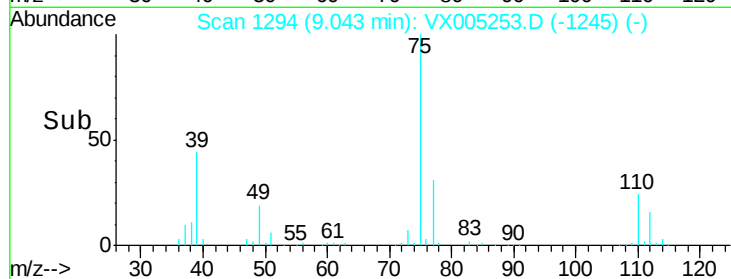
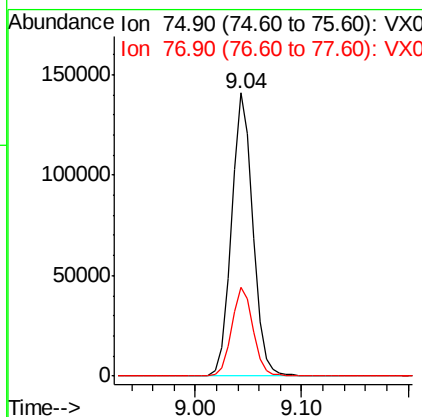
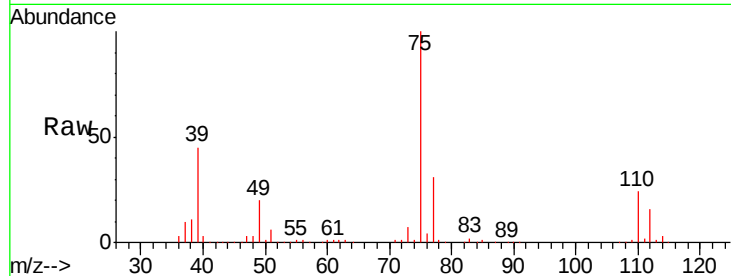
#53
t-1,3-Dichloropropene
Concen: 52.37 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 198358
Ion Ratio Lower Upper
75 100
77 31.4 28.9 43.3

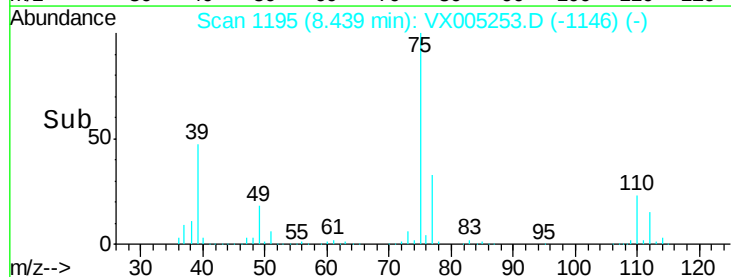
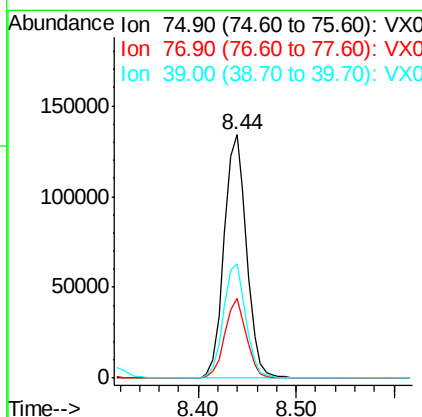
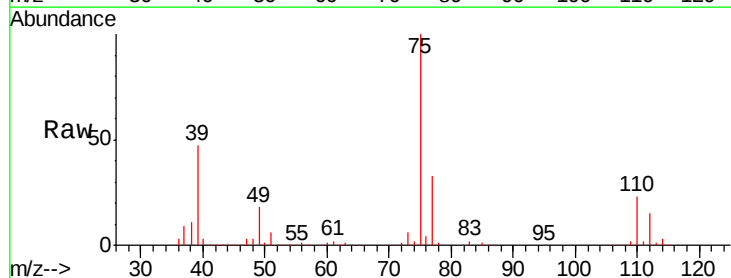
Manual Integrations
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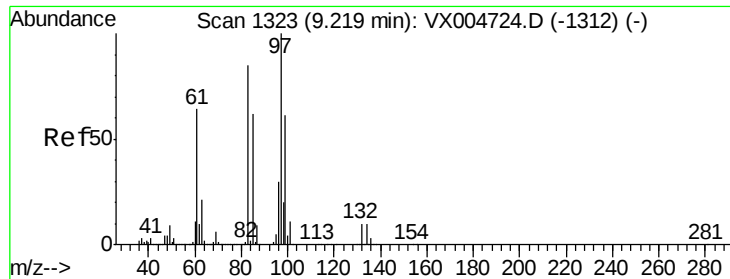
MMDadoda
10/12/2018 11:45:06 AM



#54
cis-1,3-Dichloropropene
Concen: 53.78 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion: 75 Resp: 213345
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5
39 46.9 38.3 57.5





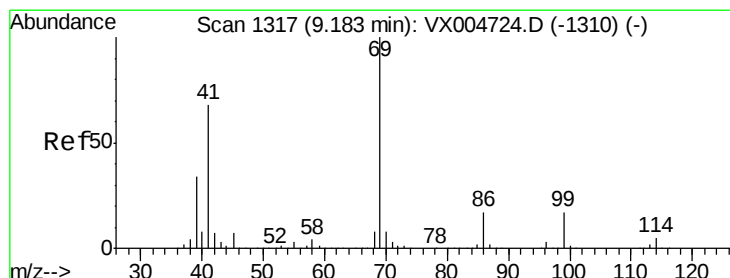
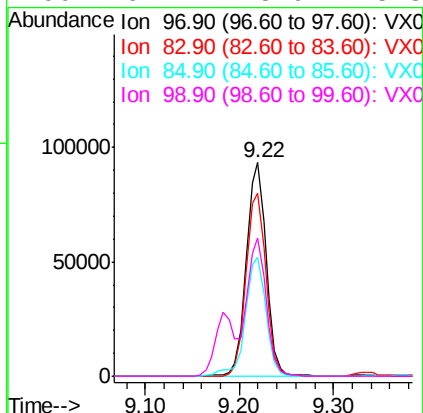
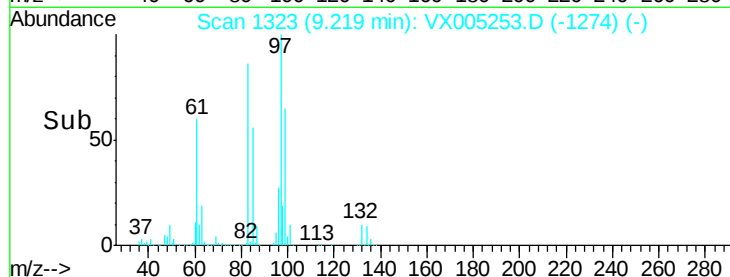
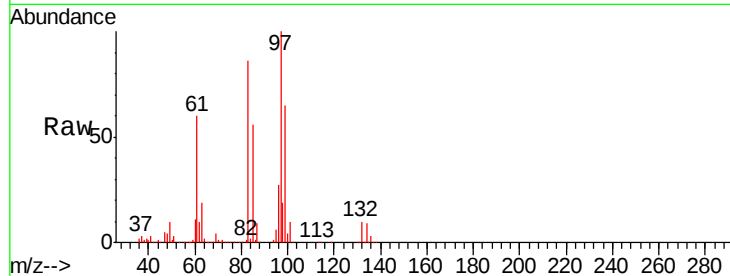
#55
 1,1,2-Trichloroethane
 Concen: 49.40 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.2	102.2
85	55.8	49.9	74.9
99	64.7	48.9	73.3

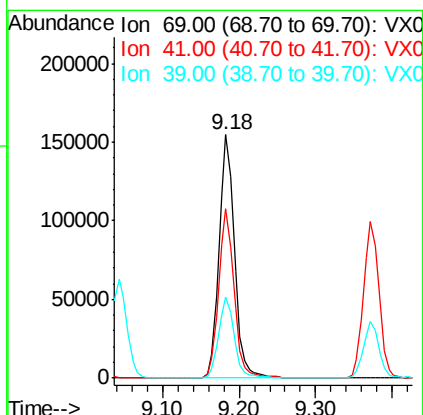
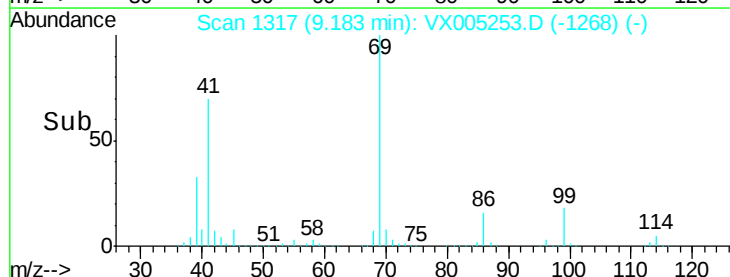
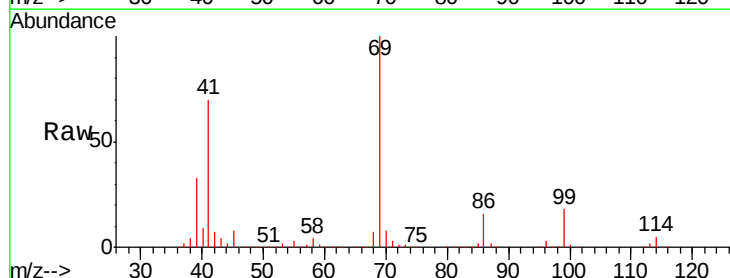
Manual Integrations
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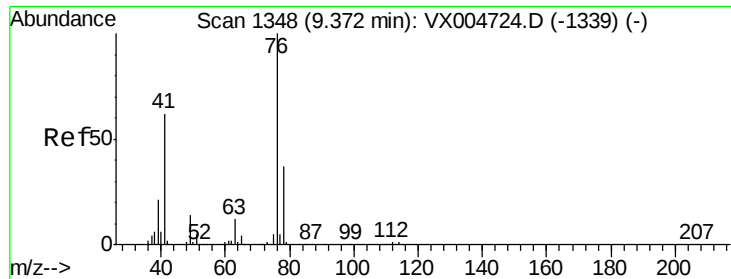
MMDadoda
 10/12/2018 11:45:06 AM



#56
 Ethyl methacrylate
 Concen: 47.94 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.9	85.3
39	33.3	28.4	42.6





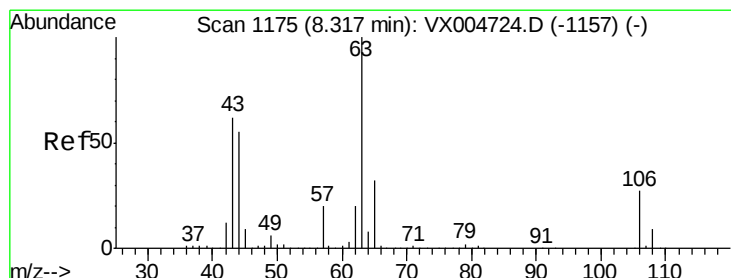
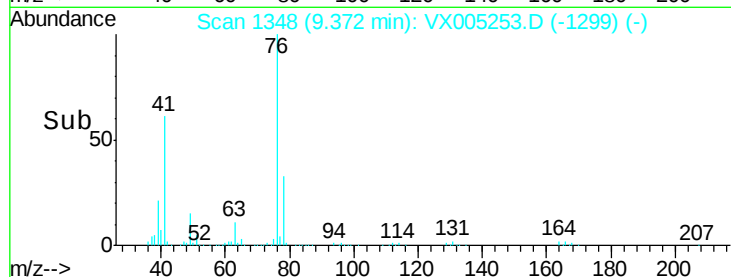
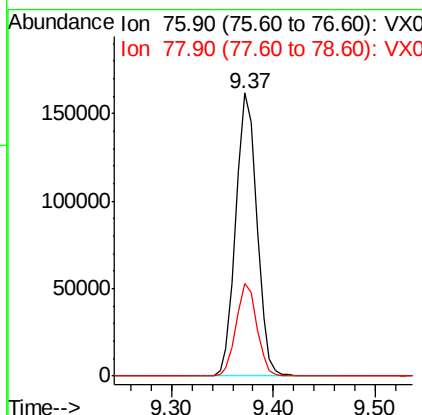
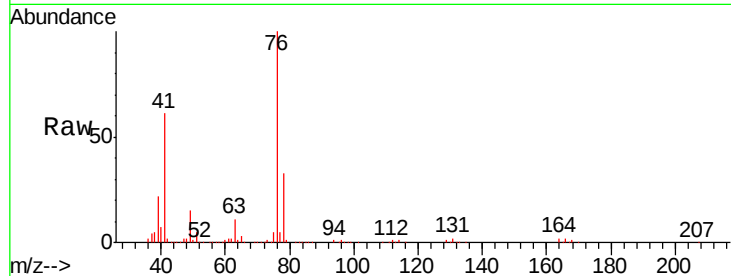
#57
 1,3-Dichloropropane
 Concen: 49.46 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.6	40.0

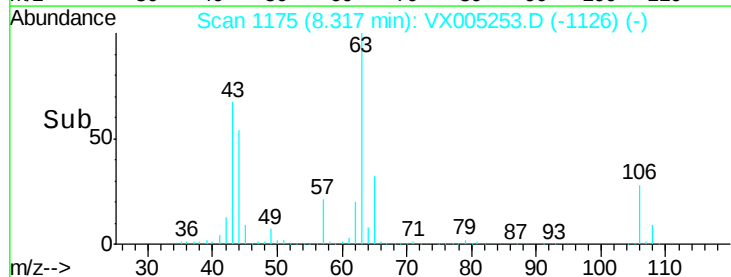
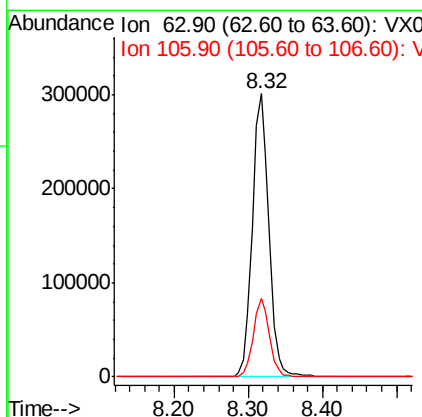
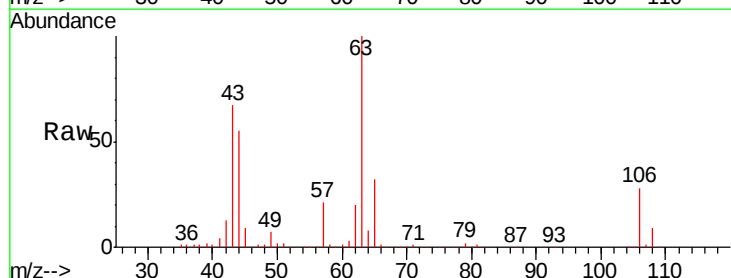
Manual Integrations
 APPROVED

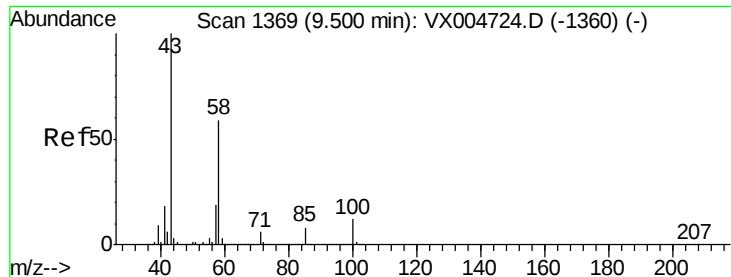
MMDadoda
 10/12/2018 11:45:06 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 198.75 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.1	21.0	31.6





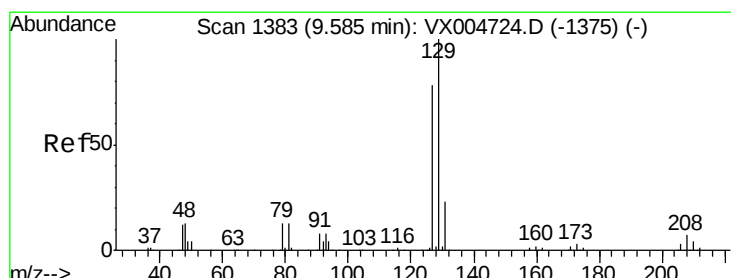
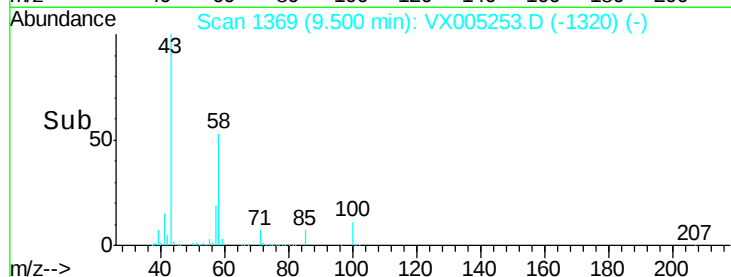
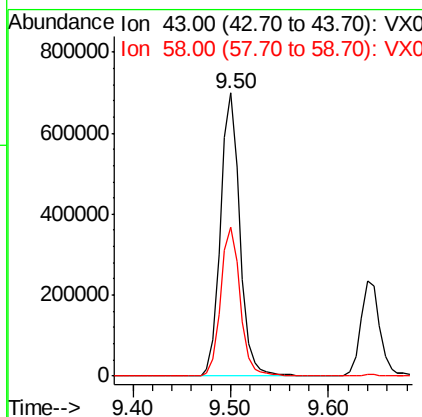
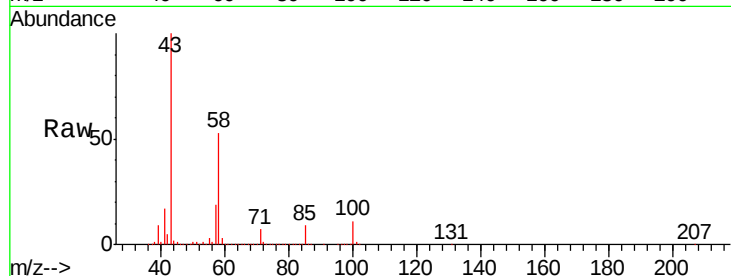
#59
2-Hexanone
Concen: 257.60 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 960751
Ion Ratio Lower Upper
43 100
58 53.2 28.4 85.3

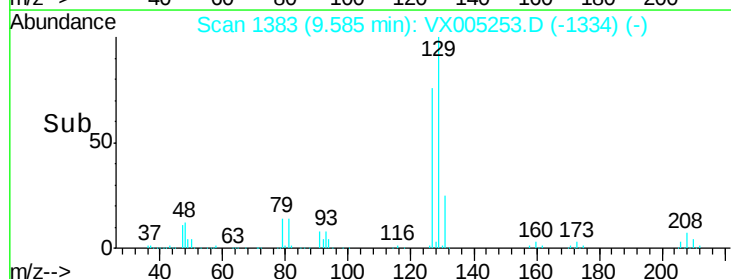
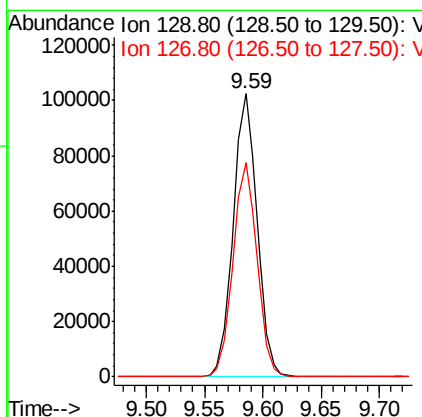
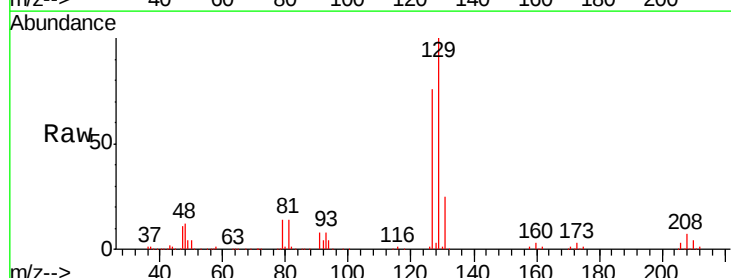
Manual Integrations
APPROVED

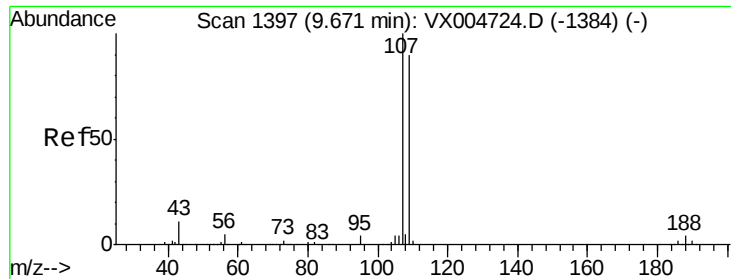
MMDadoda
10/12/2018 11:45:06 AM



#60
Dibromochloromethane
Concen: 52.72 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion: 129 Resp: 147394
Ion Ratio Lower Upper
129 100
127 75.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 47.91 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 143433

Ion Ratio Lower Upper

107 100

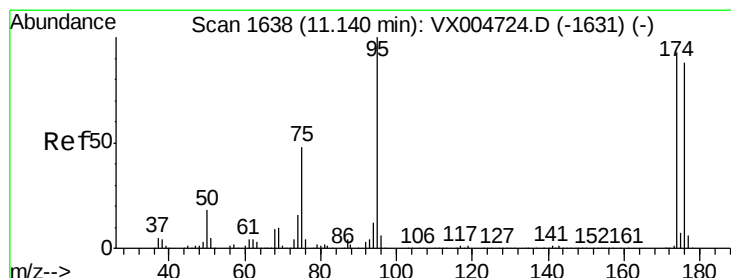
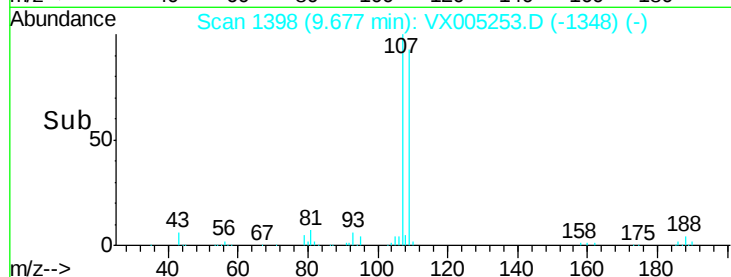
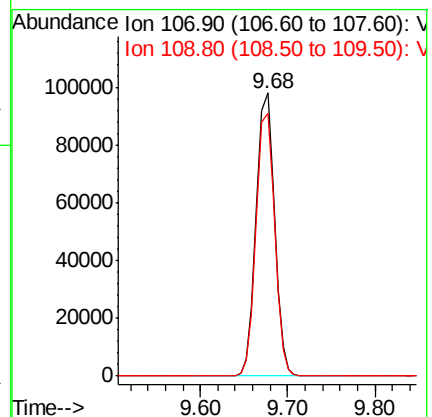
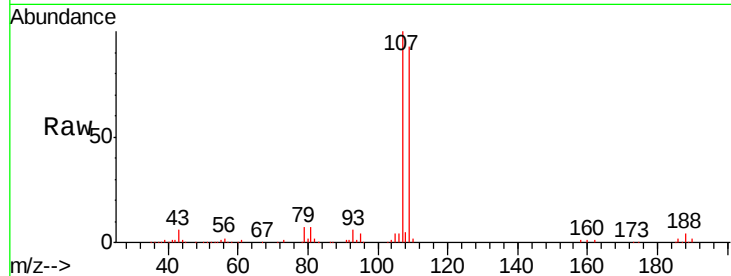
109 94.1 72.1 108.1

Manual Integrations

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MMDadoda

10/12/2018 11:45:06 AM



#62

4-Bromofluorobenzene

Concen: 44.42 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

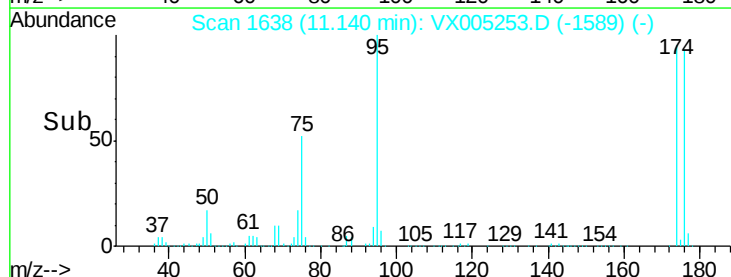
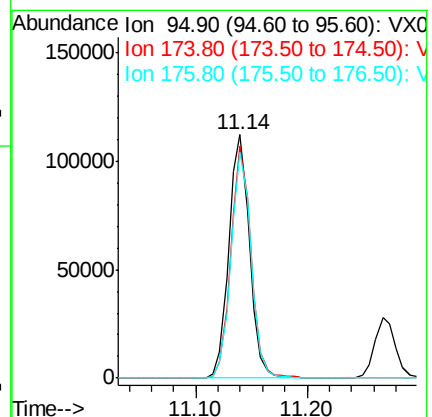
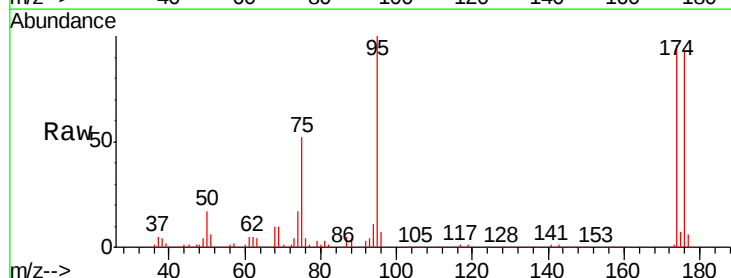
Tgt Ion: 95 Resp: 144665

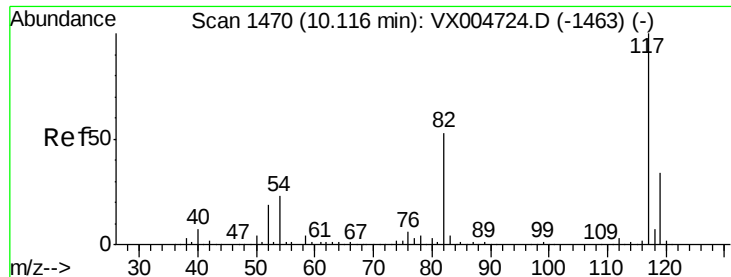
Ion Ratio Lower Upper

95 100

174 92.6 0.0 185.0

176 90.4 0.0 180.2





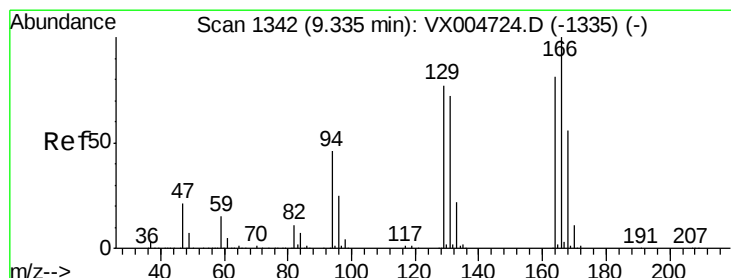
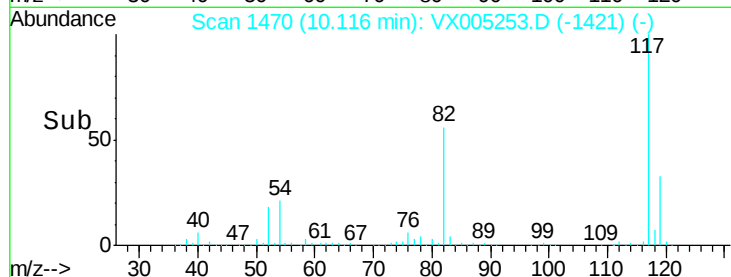
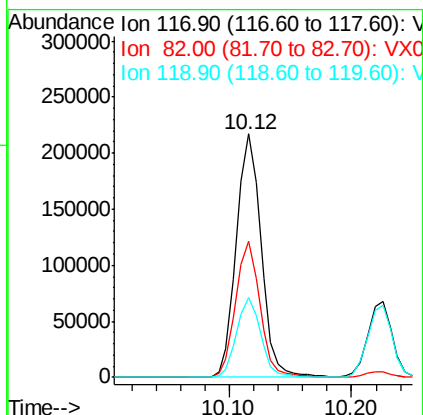
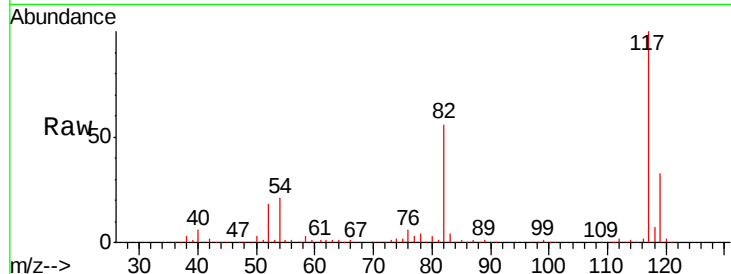
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	305559		
82	55.7	42.2	63.4	
119	32.6	27.4	41.0	

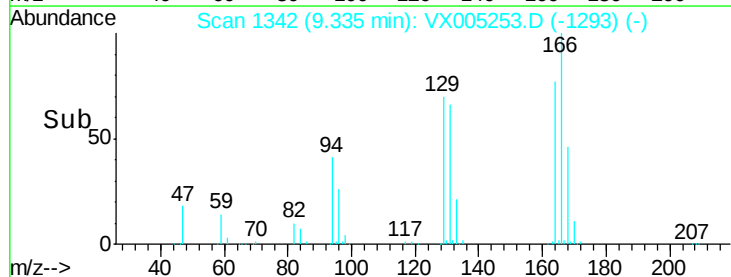
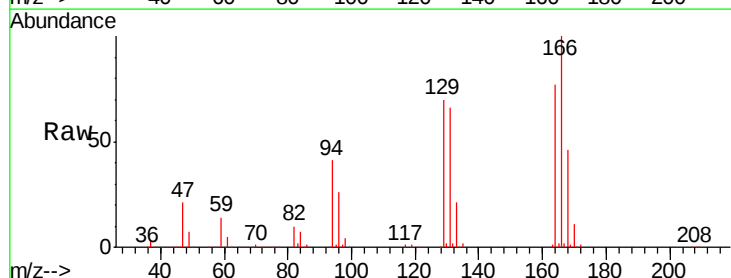
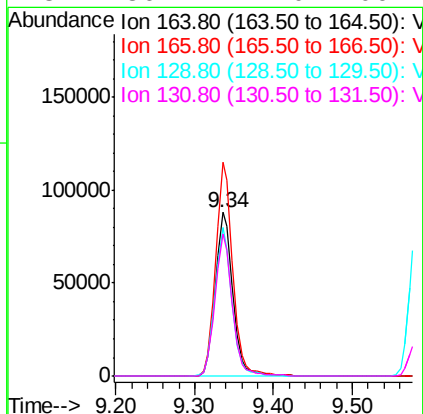
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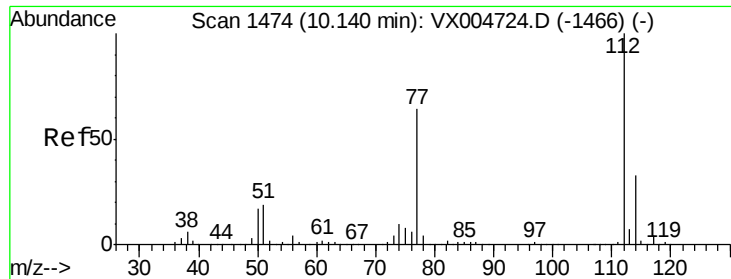
MMDadoda
10/12/2018 11:45:06 AM



#64
Tetrachloroethene
Concen: 45.41 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	136575		
166	130.6	98.4	147.6	
129	91.0	76.1	114.1	
131	86.7	71.0	106.4	





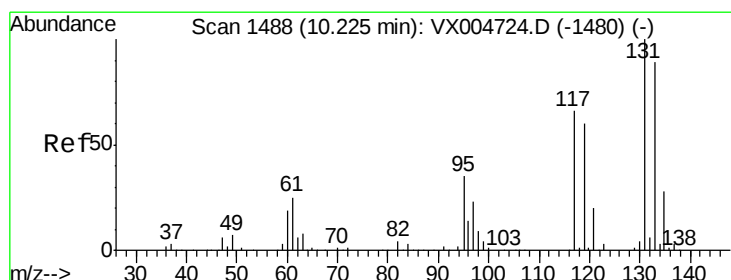
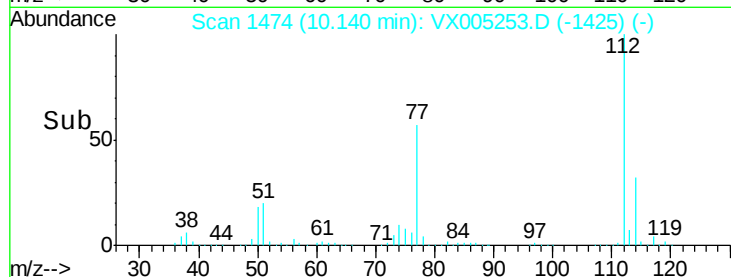
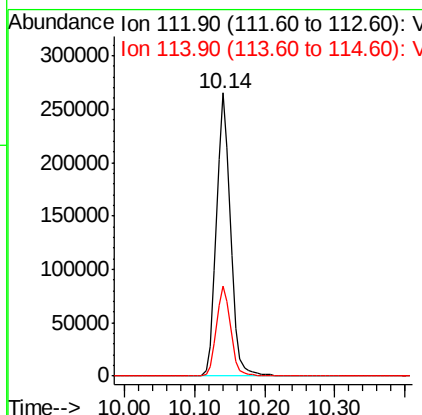
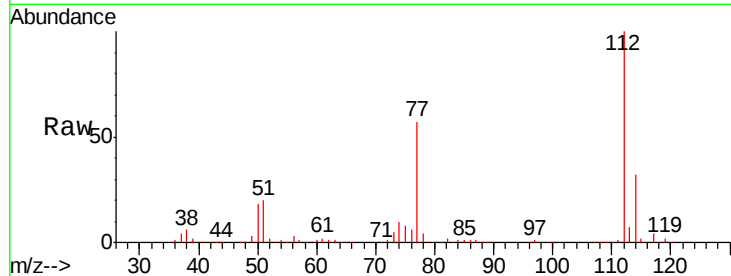
#65
Chlorobenzene
Concen: 47.50 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 372151
Ion Ratio Lower Upper
112 100
114 31.8 26.7 40.1

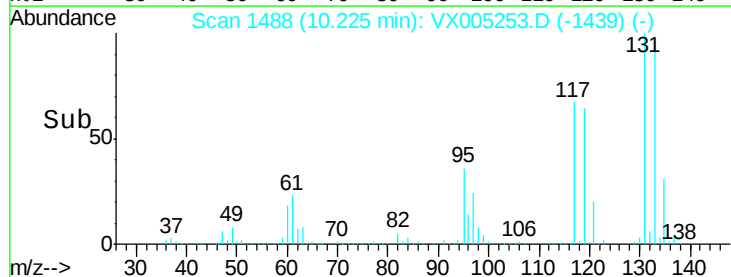
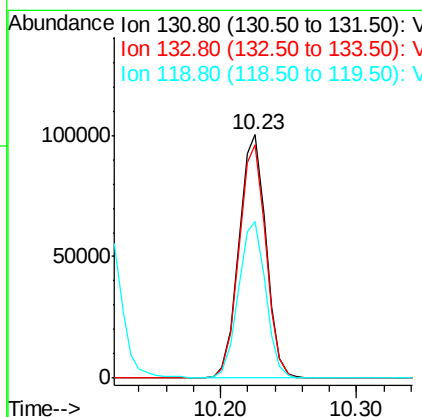
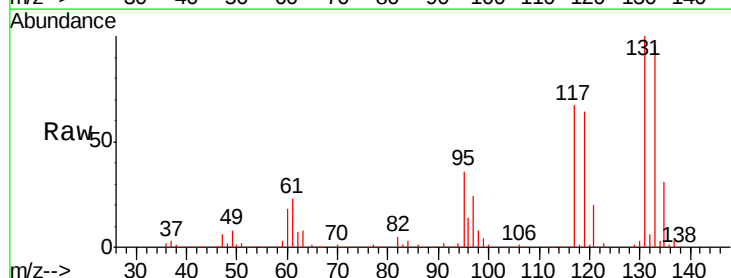
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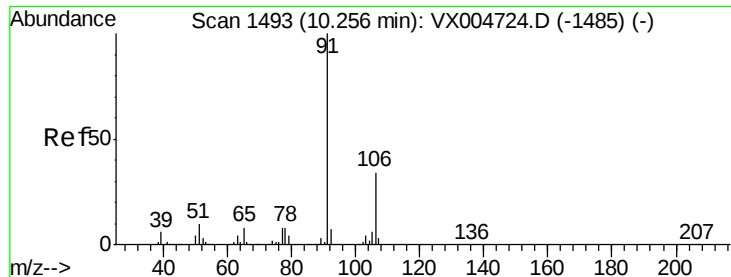
MMDadoda
10/12/2018 11:45:06 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.23 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion:131 Resp: 138374
Ion Ratio Lower Upper
131 100
133 95.8 48.4 145.0
119 64.6 32.3 96.8





#67

Ethyl Benzene

Concen: 51.05 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 635100

Ion Ratio Lower Upper

91 100

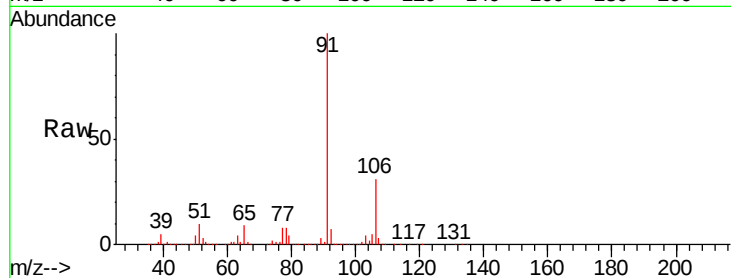
106 31.3 26.9 40.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

800000

600000

400000

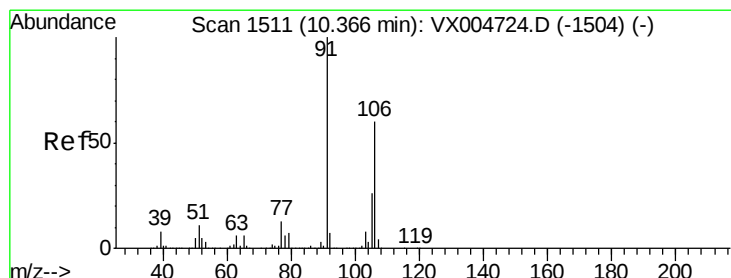
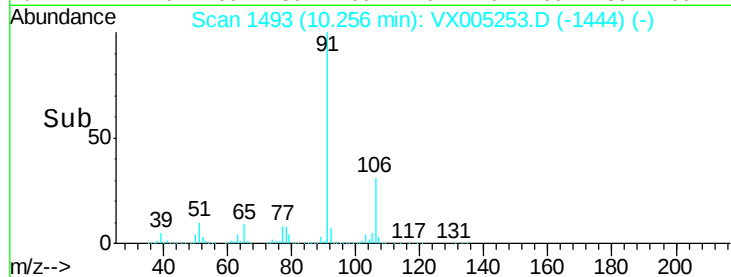
200000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 102.05 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005253.D

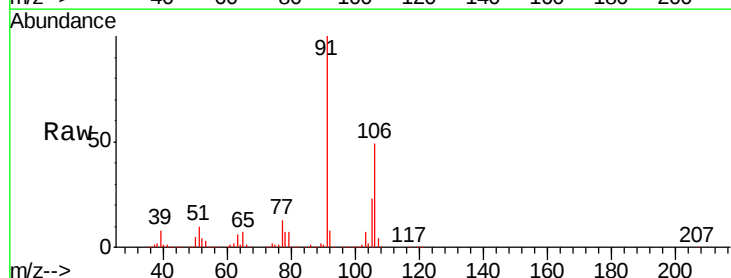
Acq: 11 Oct 2018 13:54

Tgt Ion: 106 Resp: 496082

Ion Ratio Lower Upper

106 100

91 203.4 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

800000

600000

400000

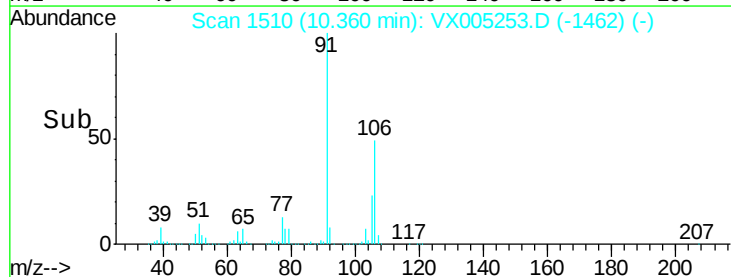
200000

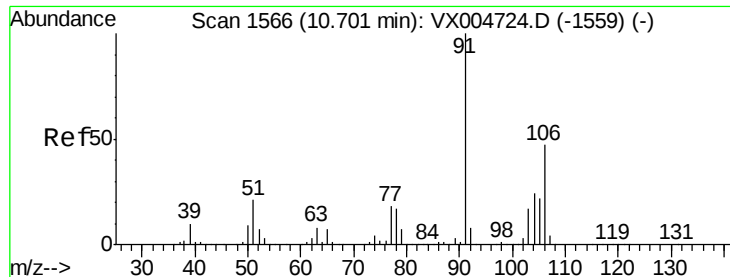
0

10.40

10.60

Time-->





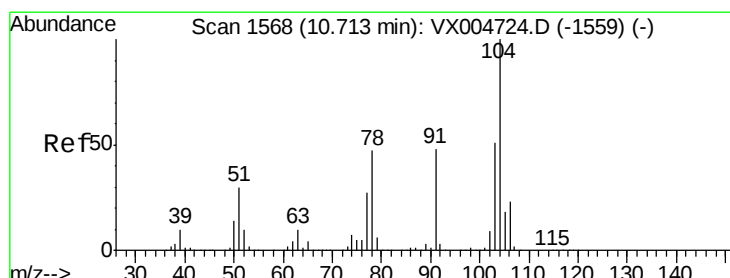
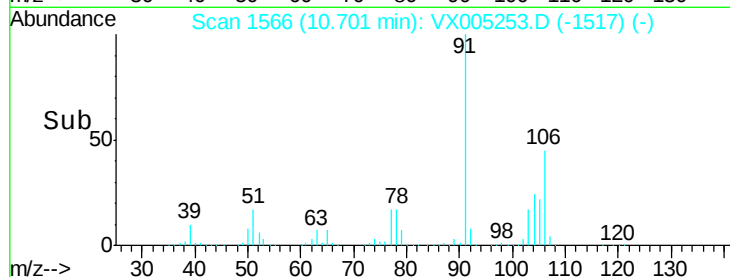
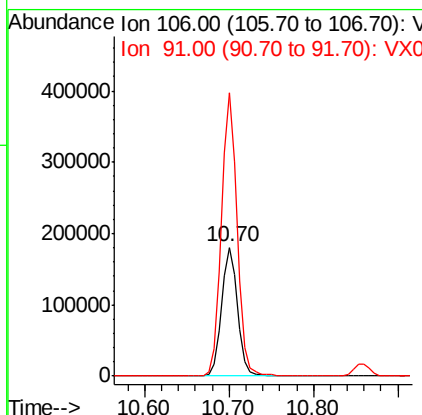
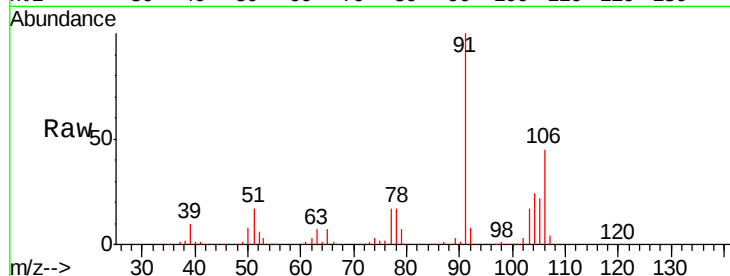
#69
o-Xylene
Concen: 53.25 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 237753
Ion Ratio Lower Upper
106 100
91 216.7 108.3 324.8

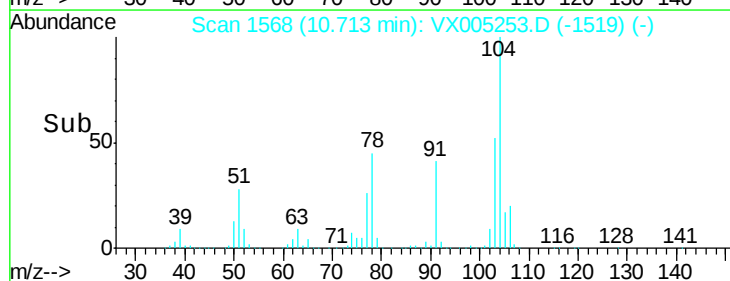
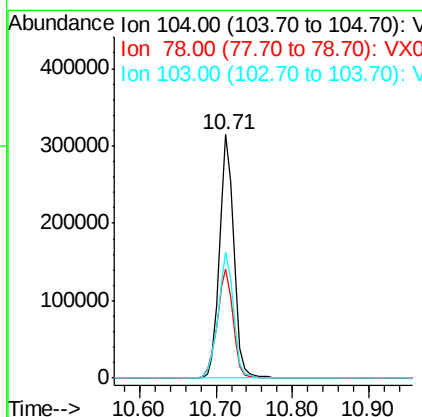
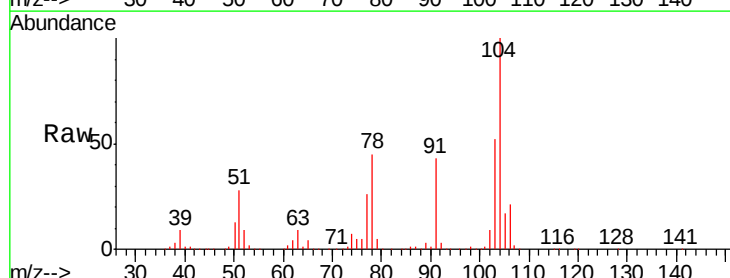
Manual Integrations
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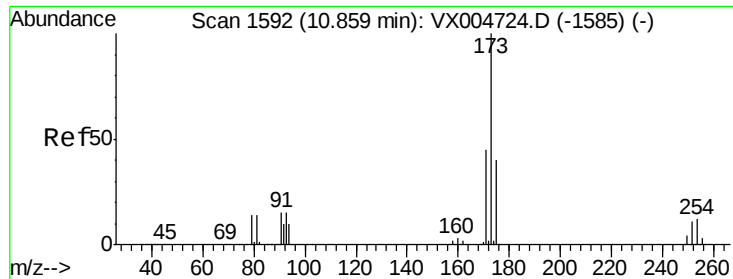
MMDadoda
10/12/2018 11:45:06 AM



#70
Styrene
Concen: 48.99 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion:104 Resp: 408699
Ion Ratio Lower Upper
104 100
78 49.6 40.0 60.0
103 55.7 44.3 66.5





#71

Bromoform

Concen: 52.20 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 123098

Ion Ratio Lower Upper

173 100

175 48.6 23.3 69.8

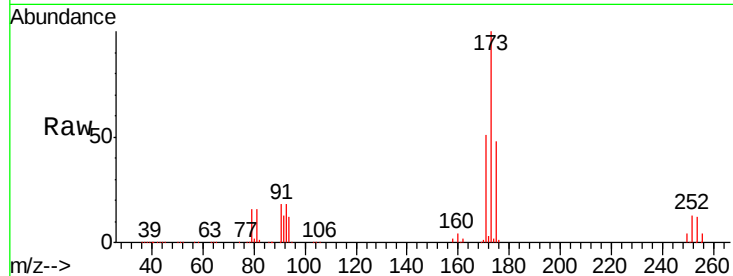
254 0.2 0.2 0.2

Manual Integrations

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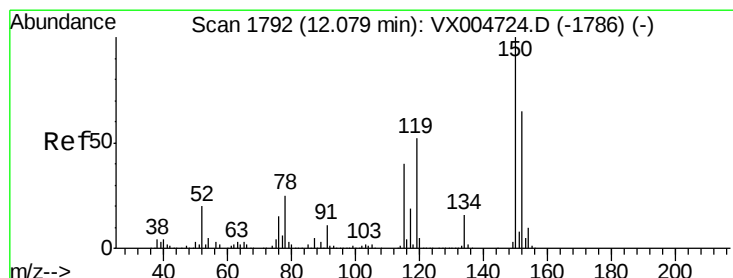
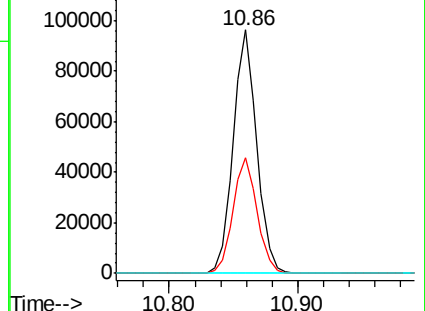
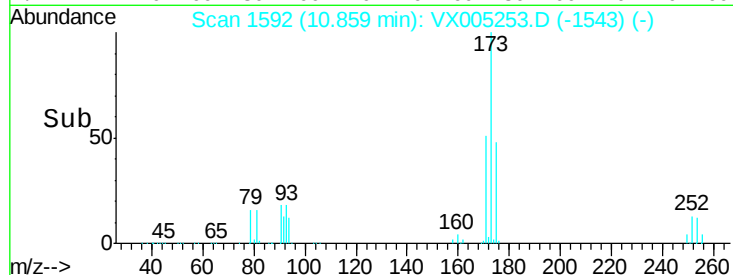
10/12/2018 11:45:06 AM



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: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

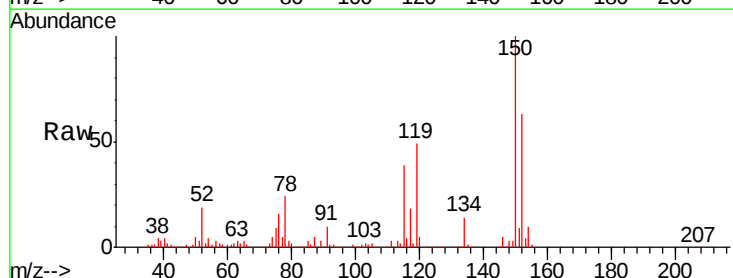
Tgt Ion:152 Resp: 173962

Ion Ratio Lower Upper

152 100

115 81.2 40.2 120.6

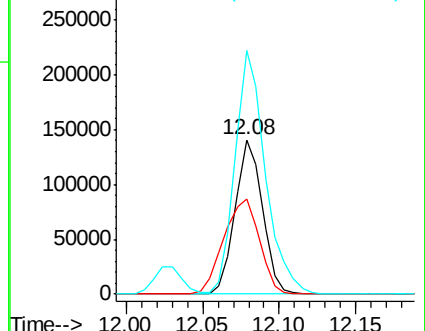
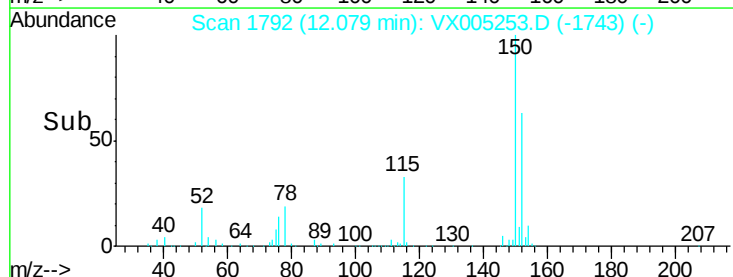
150 176.0 0.0 351.0

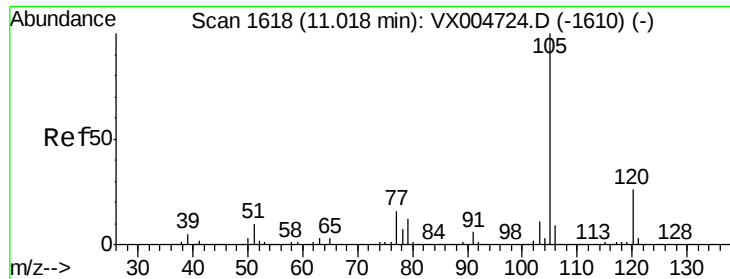


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 59.11 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 648136

Ion Ratio Lower Upper

105 100

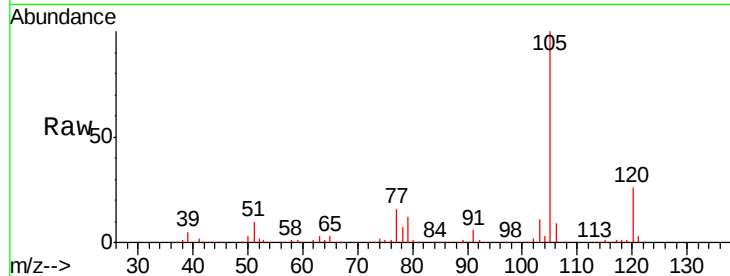
120 26.3 13.2 39.5

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

500000

400000

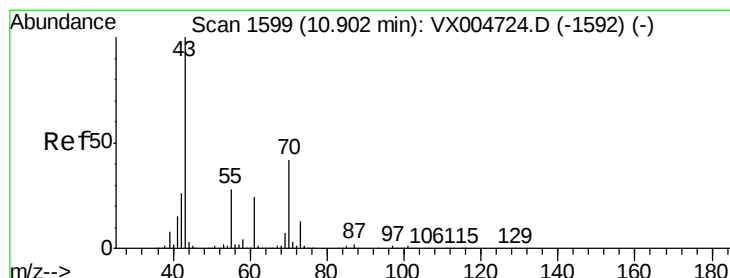
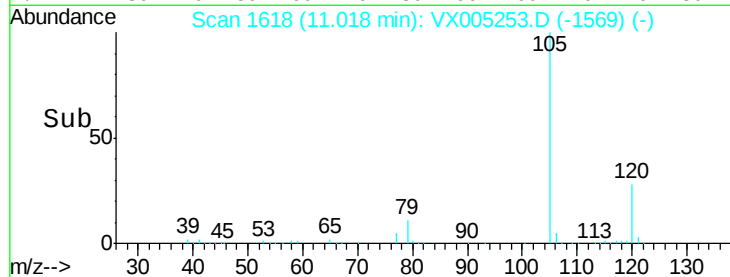
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 52.31 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Tgt Ion: 43 Resp: 315782

Ion Ratio Lower Upper

43 100

70 41.2 32.6 48.8

55 24.9 21.6 32.4

61 23.4 19.1 28.7

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

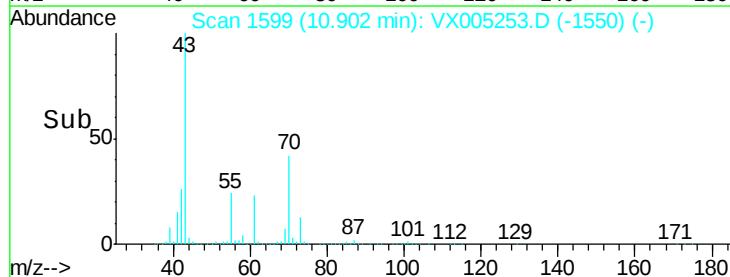
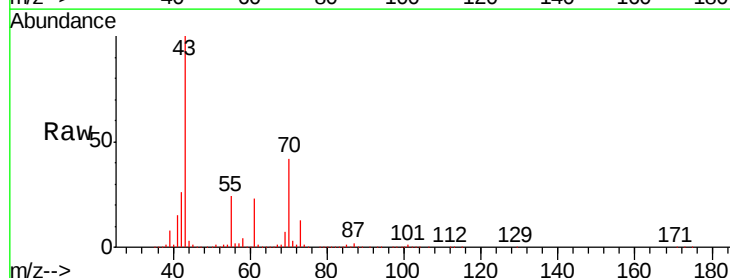
300000

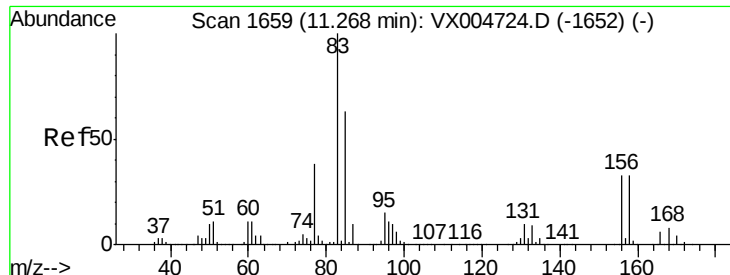
200000

100000

0

Time--> 10.80 10.90 11.00





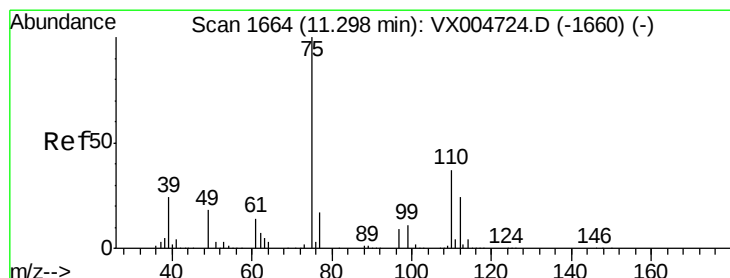
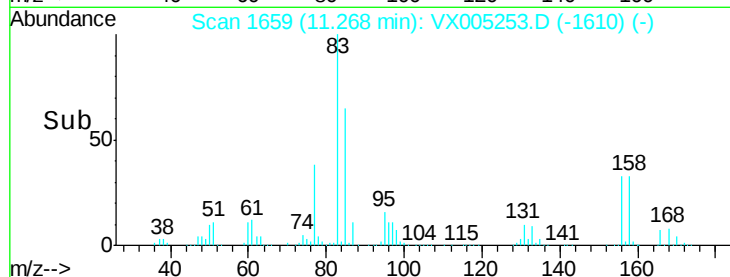
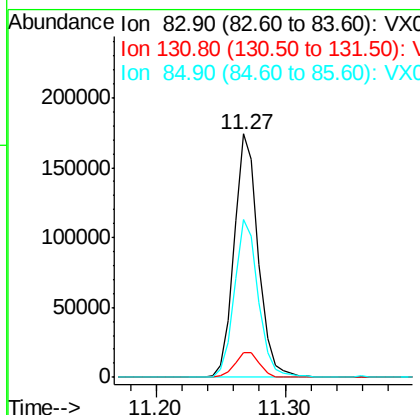
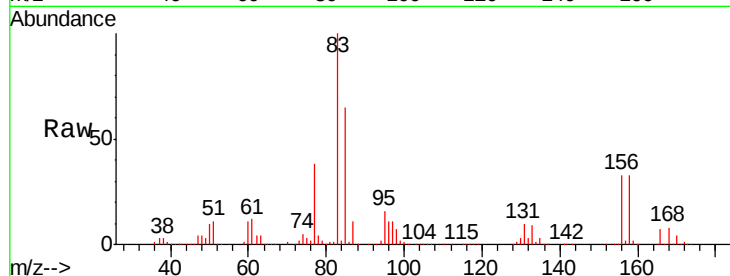
#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.87 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	227058		
131	10.7	5.1	15.3	
85	65.1	31.9	95.9	

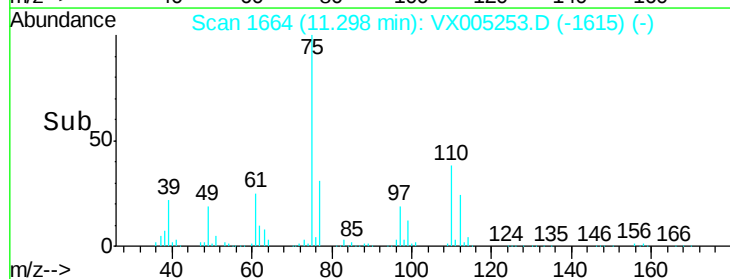
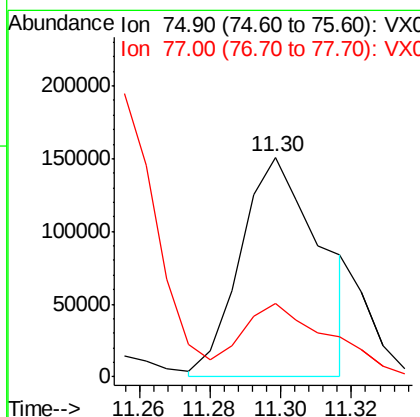
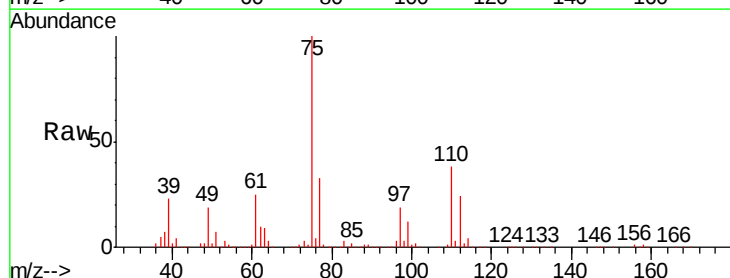
Manual Integrations
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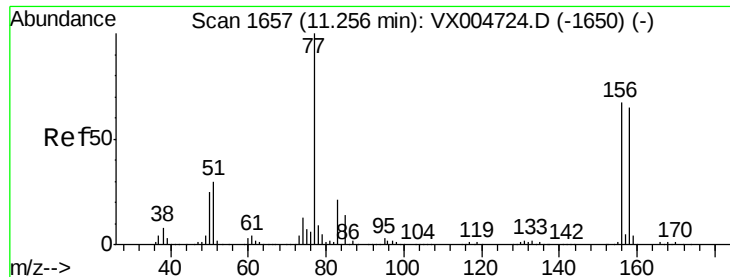
MMDadoda
 10/12/2018 11:45:06 AM



#76
 1,2,3-Trichloropropane
 Concen: 60.85 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	237257		
77	36.8	21.4	64.3	





#77

Bromobenzene

Concen: 54.91 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 156 Resp: 174895

Ion Ratio Lower Upper

156 100

77 145.1 73.4 220.2

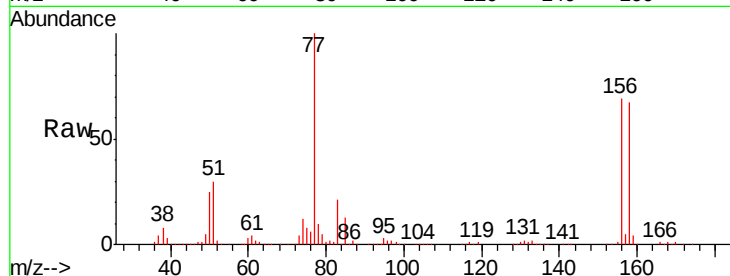
158 98.1 49.1 147.4

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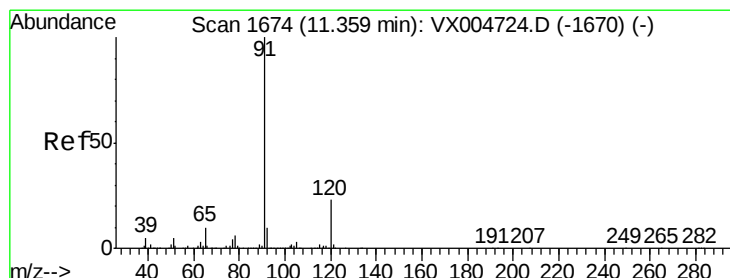
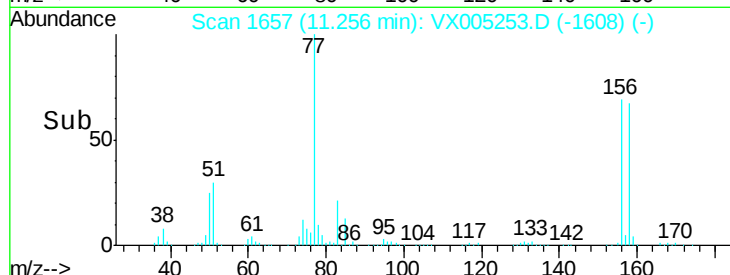
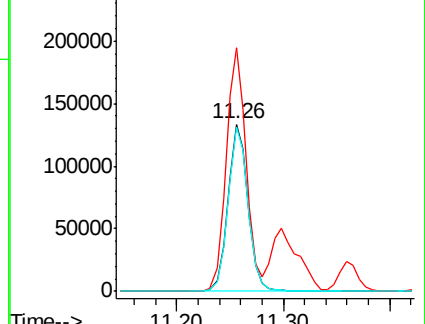
10/12/2018 11:45:06 AM



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: 59.80 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005253.D

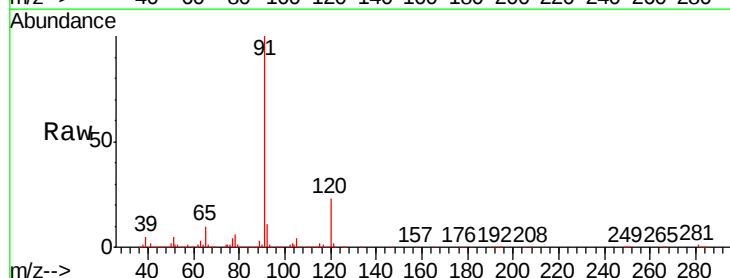
Acq: 11 Oct 2018 13:54

Tgt Ion: 91 Resp: 752300

Ion Ratio Lower Upper

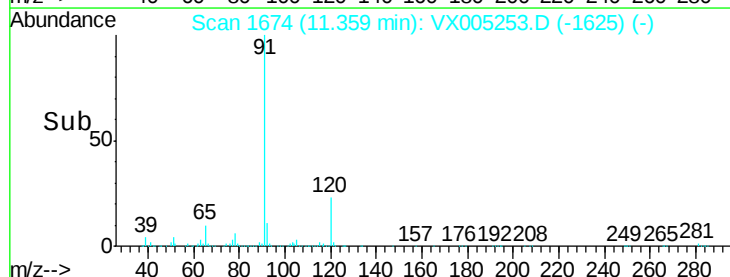
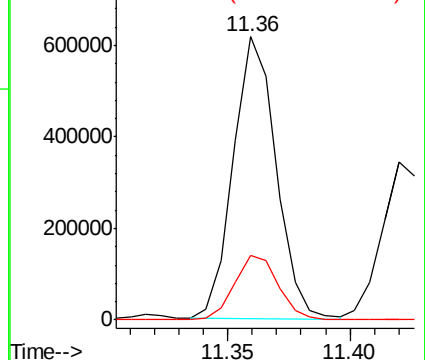
91 100

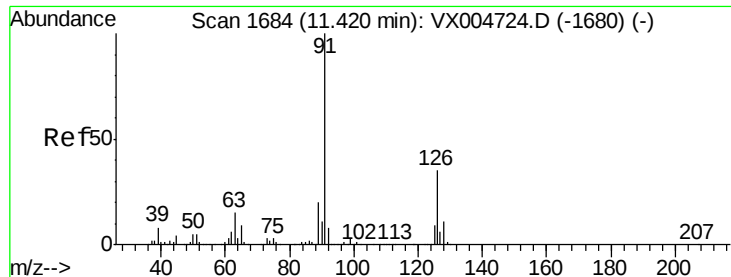
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.74 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 444924

Ion Ratio Lower Upper

91 100

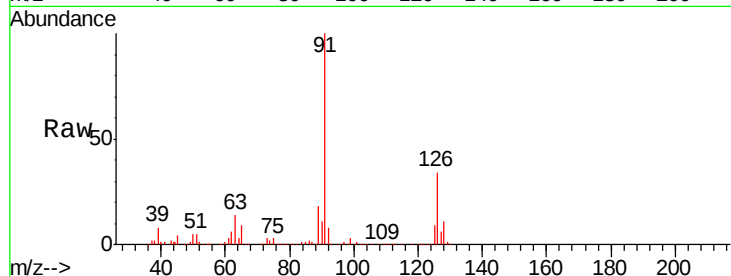
126 35.3 17.6 52.9

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Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1680) (-)

Ion 125.90 (125.60 to 126.60): VX004724.D (-1680) (-)

600000

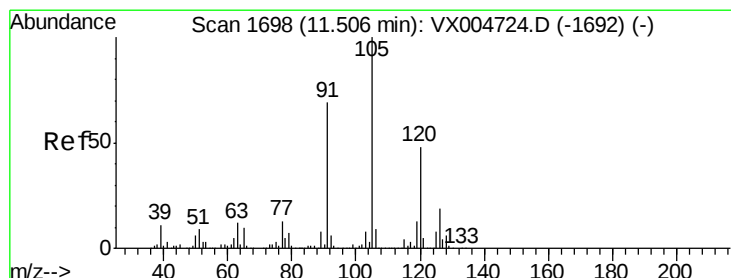
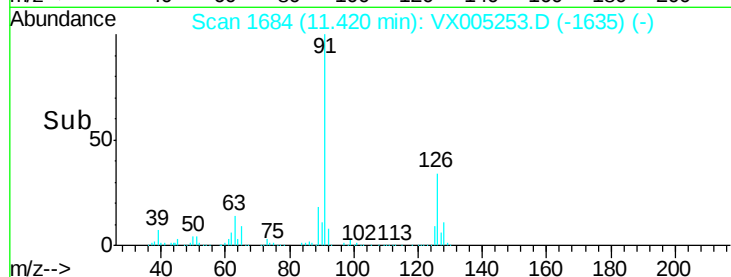
400000

200000

0

11.40 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 55.51 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005253.D

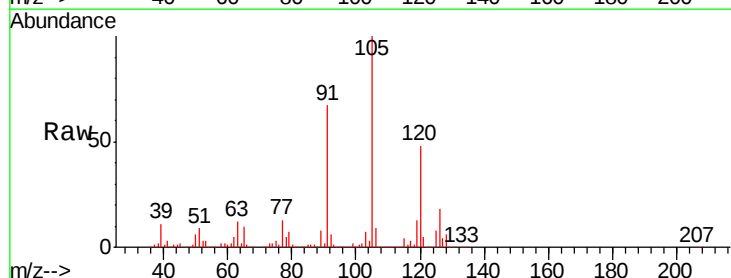
Acq: 11 Oct 2018 13:54

Tgt Ion: 105 Resp: 557643

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX004724.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX004724.D (-1692) (-)

500000

400000

300000

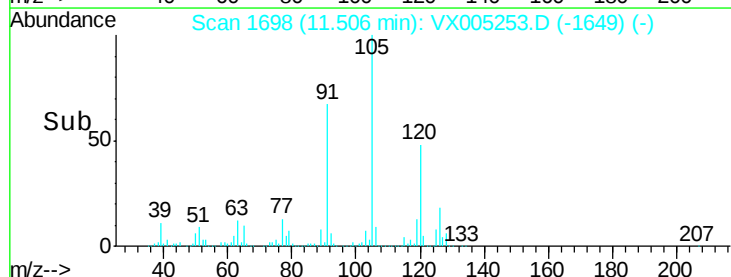
200000

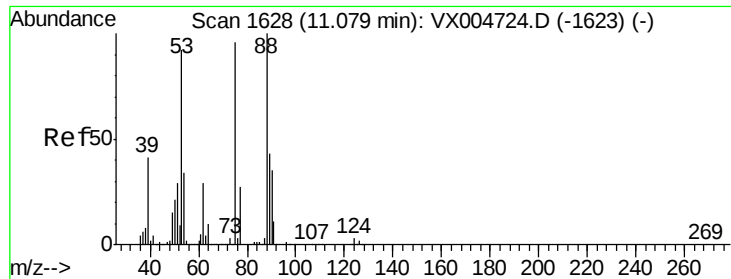
100000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 46.31 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

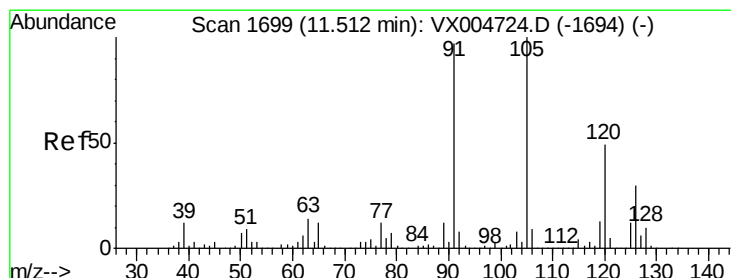
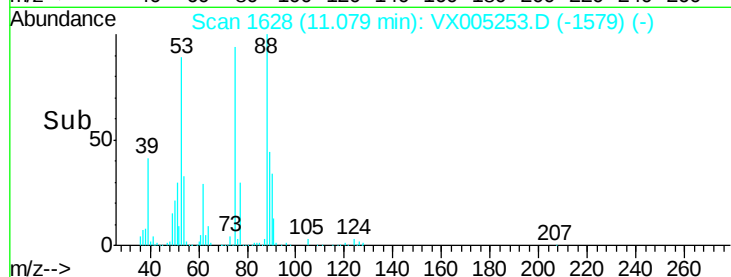
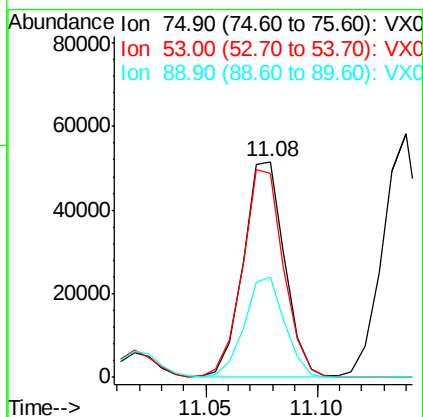
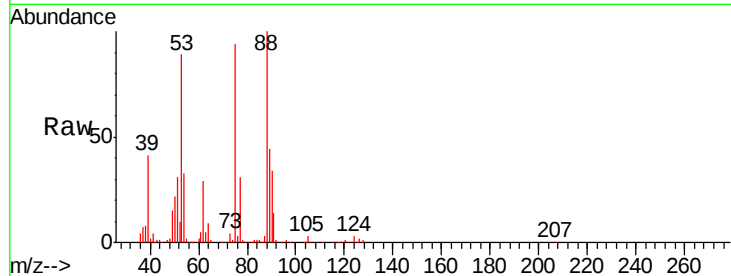
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	65985
Ion	Ratio	Lower	Upper
75	100		
53	96.8	80.2	120.4
89	46.1	37.1	55.7

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#82

4-Chlorotoluene

Concen: 57.02 ug/l

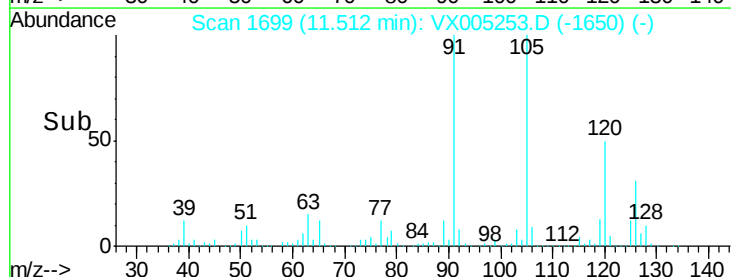
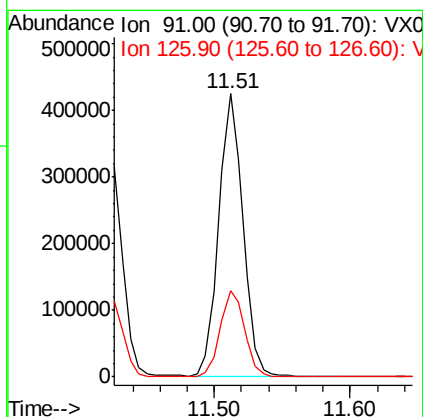
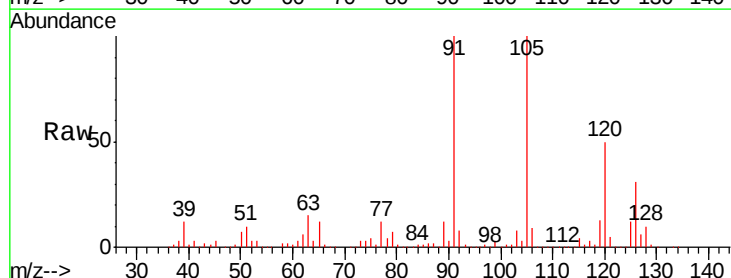
RT: 11.51 min Scan# 1699

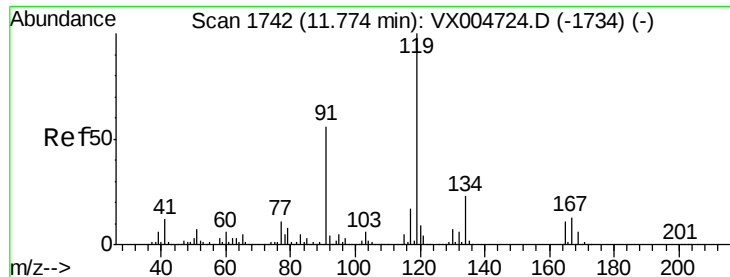
Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Tgt Ion:	91	Resp:	526322
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.5	46.5





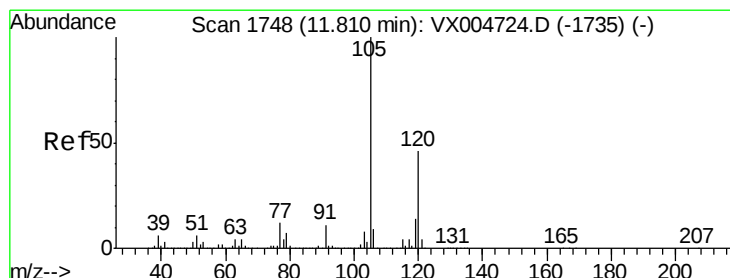
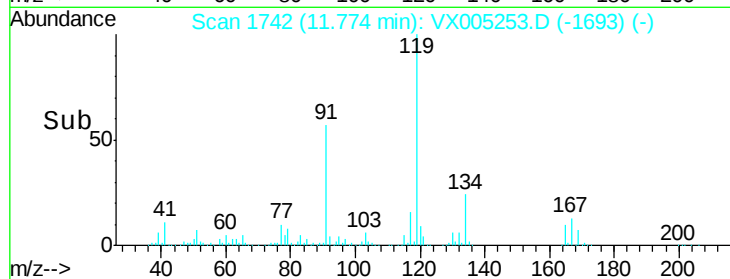
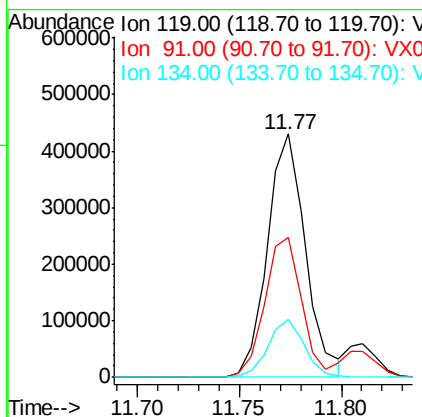
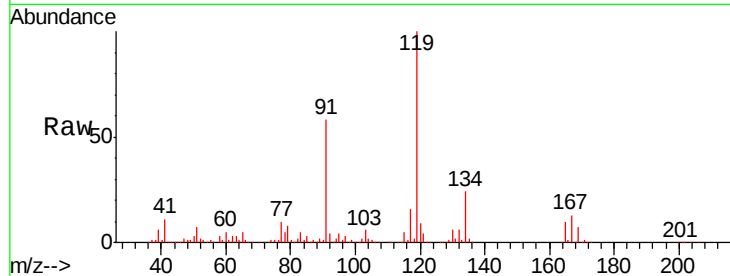
#83
 tert-Butylbenzene
 Concen: 61.84 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	558256		
91	55.7	27.5	82.5	
134	22.9	11.5	34.4	

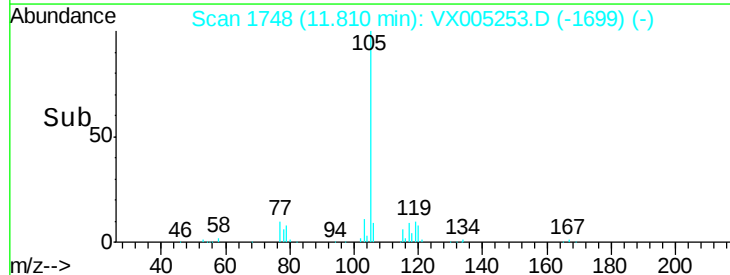
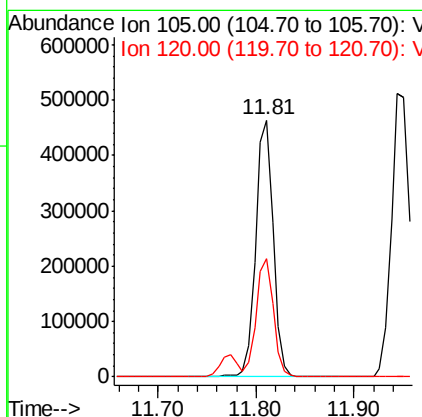
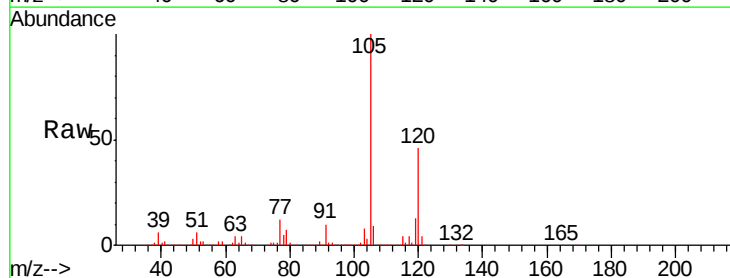
Manual Integrations
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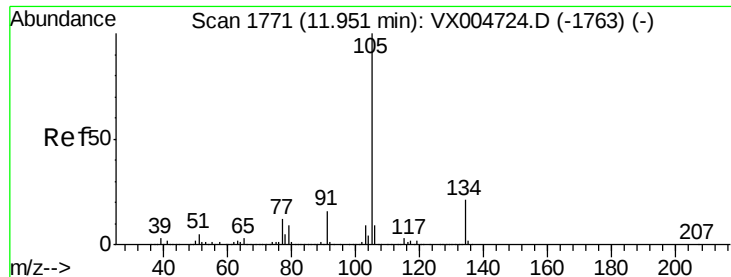
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.43 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	574273		
120	45.2	22.8	68.3	





#85

sec-Butylbenzene

Concen: 60.23 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 662280

Ion Ratio Lower Upper

105 100

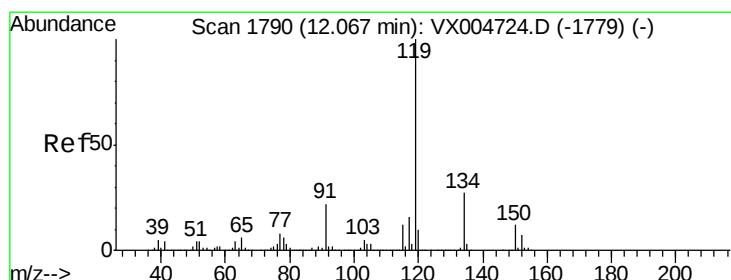
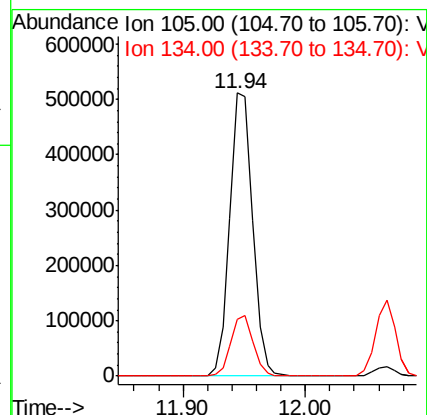
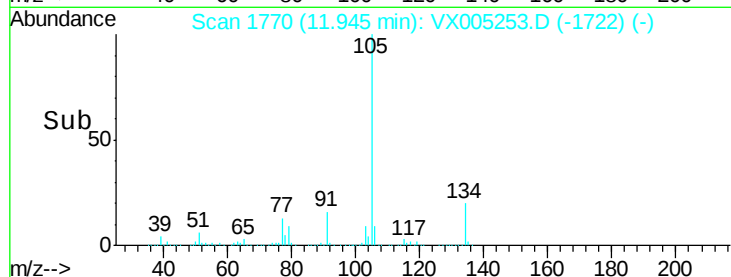
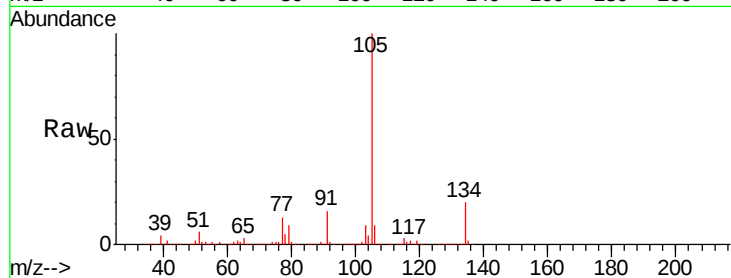
134 20.7 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 60.30 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

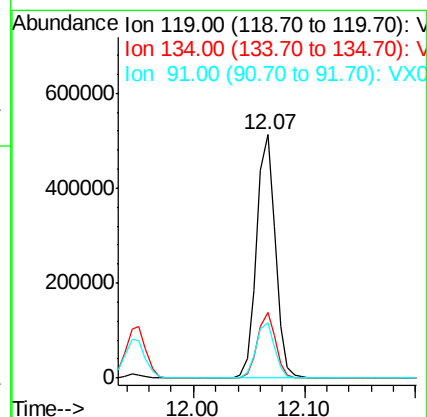
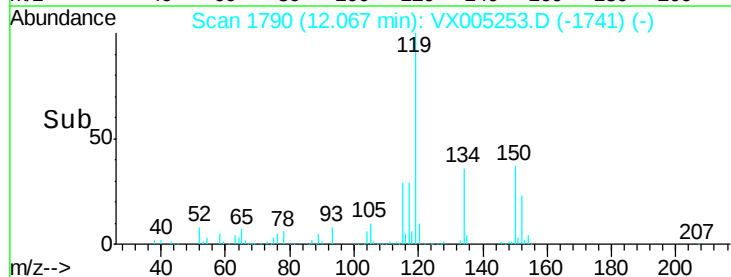
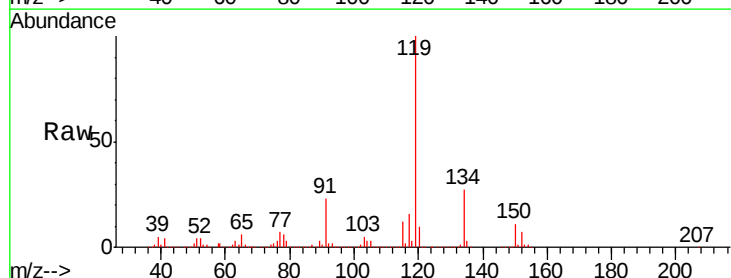
Tgt Ion:119 Resp: 600709

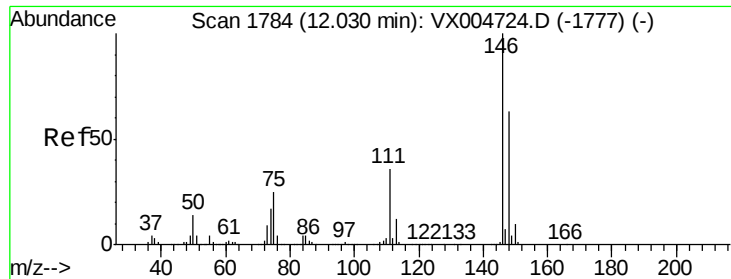
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

91 22.9 11.5 34.4





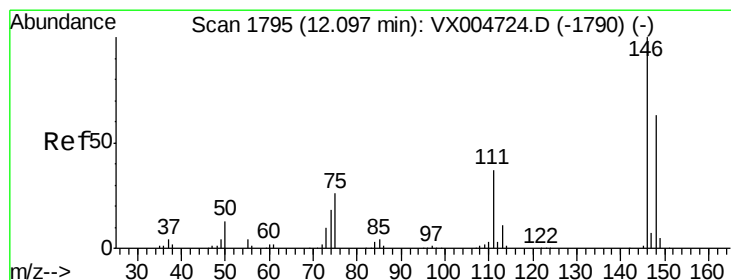
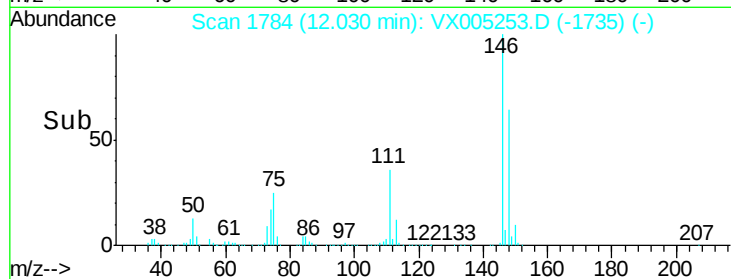
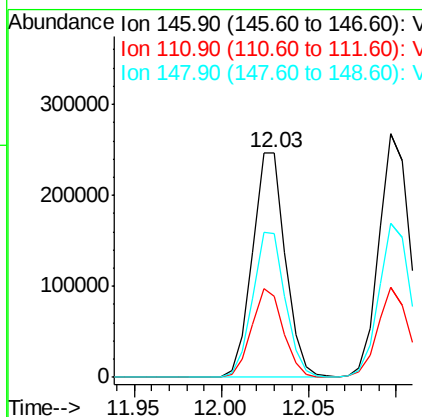
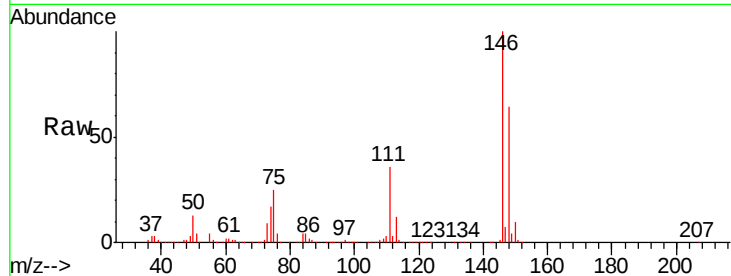
#87
 1,3-Dichlorobenzene
 Concen: 54.41 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	64.3	31.8	95.3

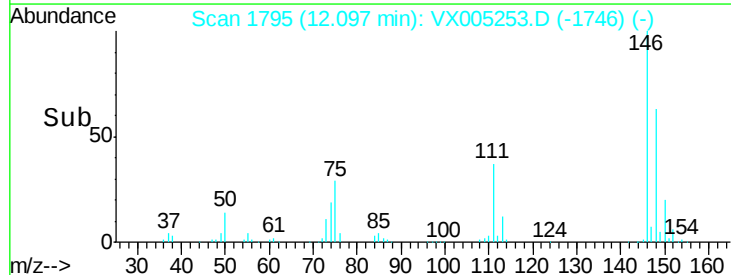
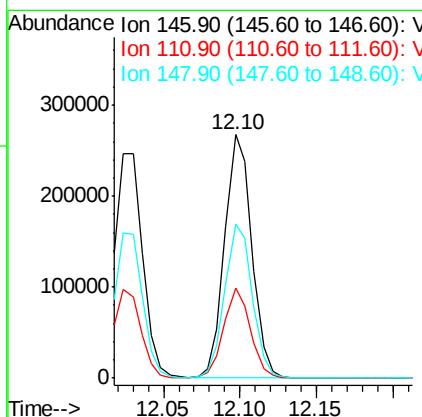
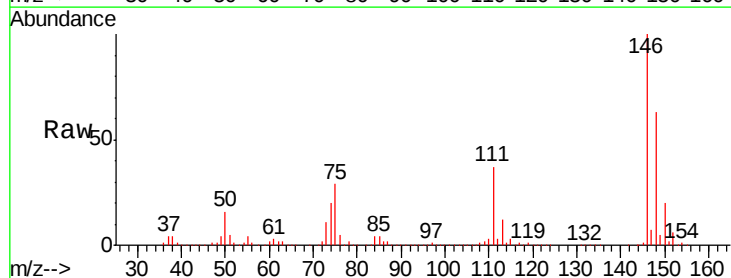
Manual Integrations
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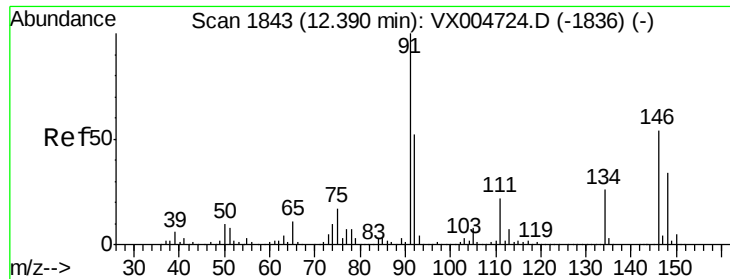
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#88
 1,4-Dichlorobenzene
 Concen: 53.71 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.4	55.2
148	64.1	32.0	96.0





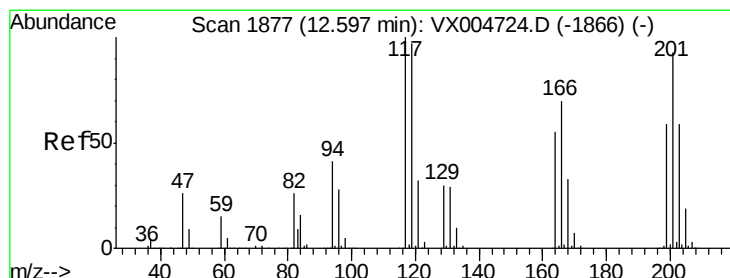
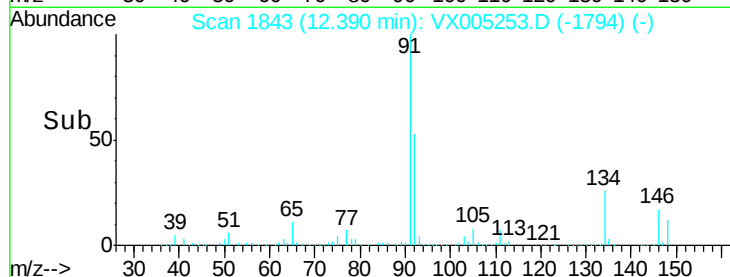
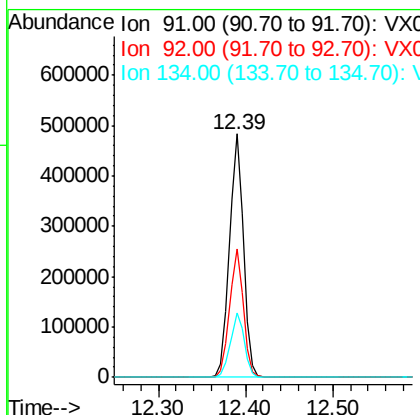
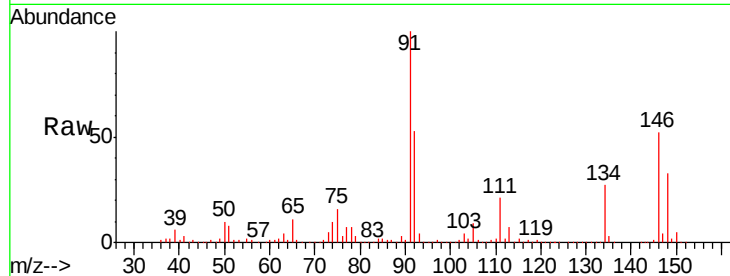
#89
n-Butylbenzene
Concen: 59.23 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 535879
Ion Ratio Lower Upper
91 100
92 52.0 26.0 78.0
134 26.6 13.2 39.6

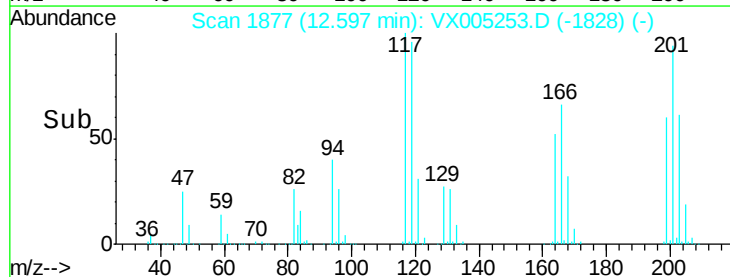
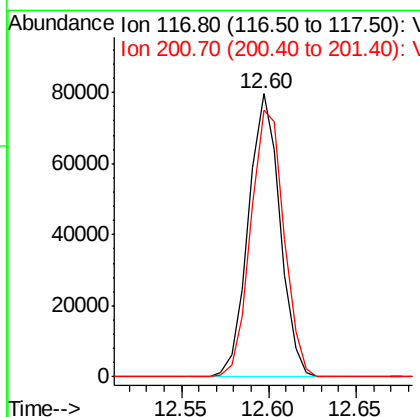
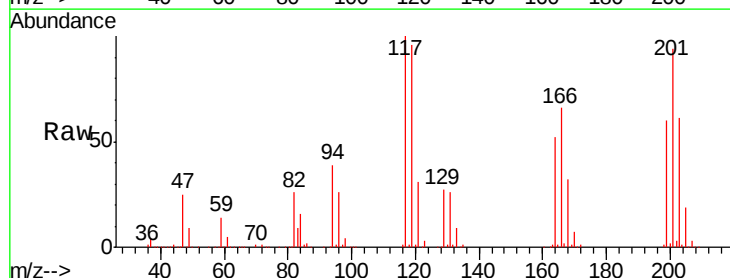
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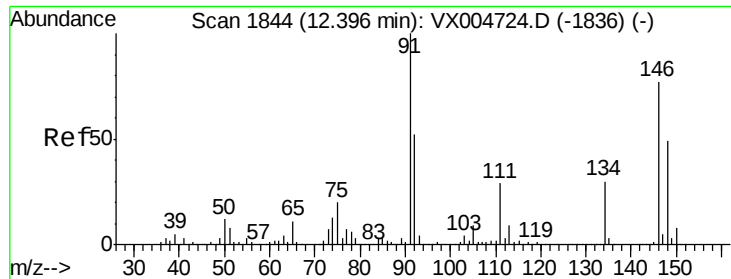
MMDadoda
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#90
Hexachloroethane
Concen: 60.09 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion: 117 Resp: 99681
Ion Ratio Lower Upper
117 100
201 99.2 48.4 145.0





#91

1,2-Dichlorobenzene

Concen: 52.92 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

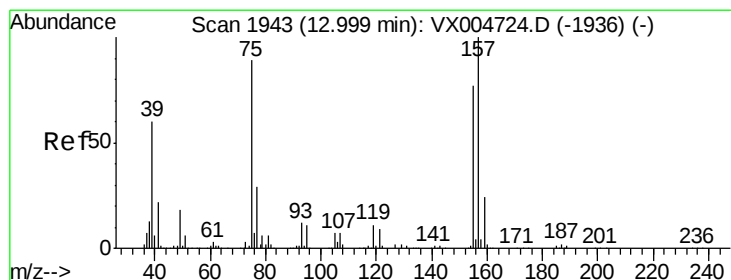
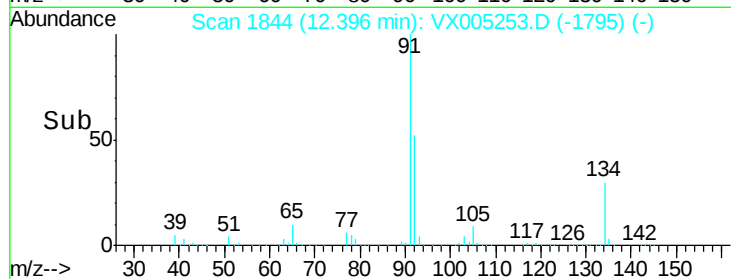
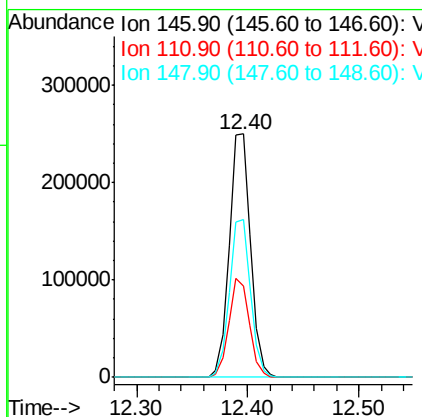
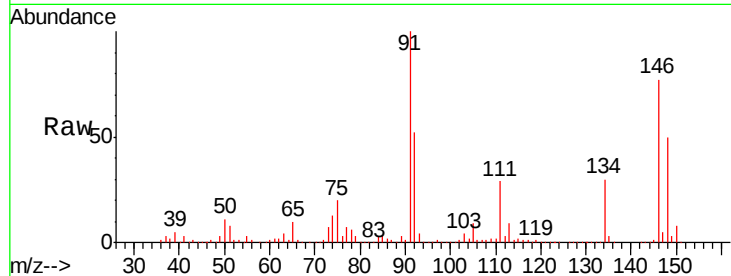
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	328890
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.6	58.7
148	64.4	31.8	95.4

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#92

1,2-Dibromo-3-Chloropropane

Concen: 58.56 ug/l

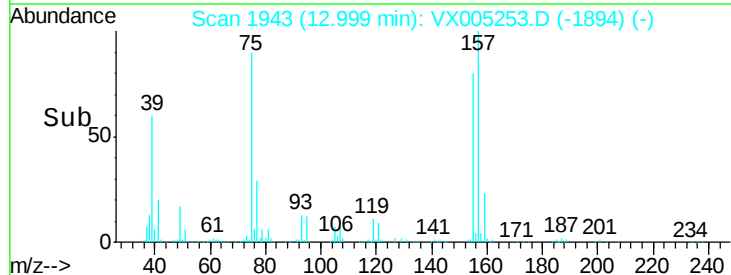
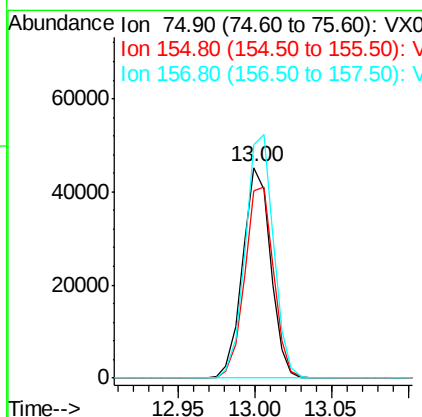
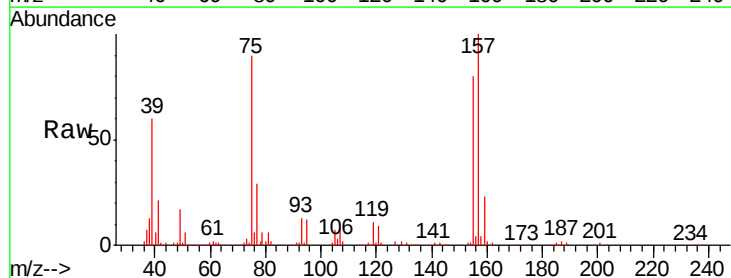
RT: 13.00 min Scan# 1943

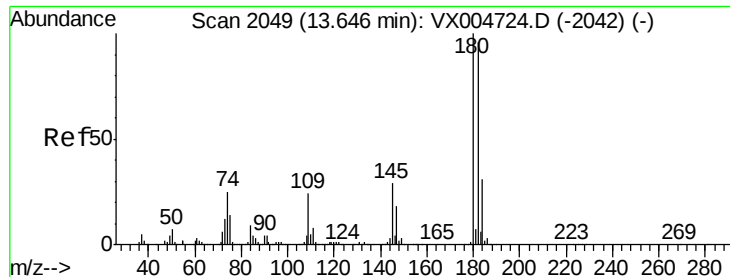
Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Tgt Ion:	75	Resp:	57392
Ion Ratio	Lower	Upper	
75	100		
155	93.0	46.1	138.3
157	116.4	60.2	180.6





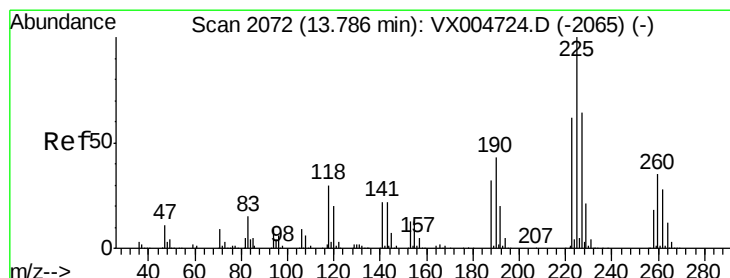
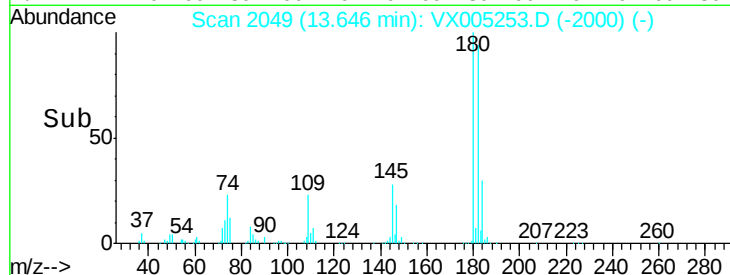
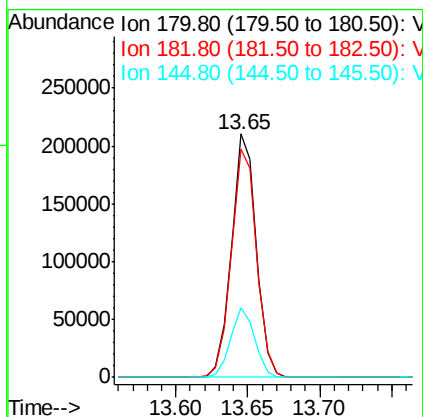
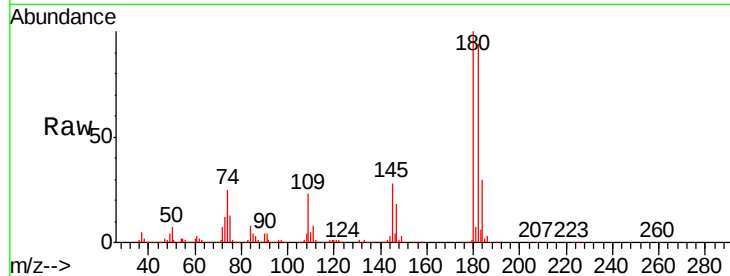
#93
1,2,4-Trichlorobenzene
Concen: 58.01 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.4
145	28.1	14.1	42.4

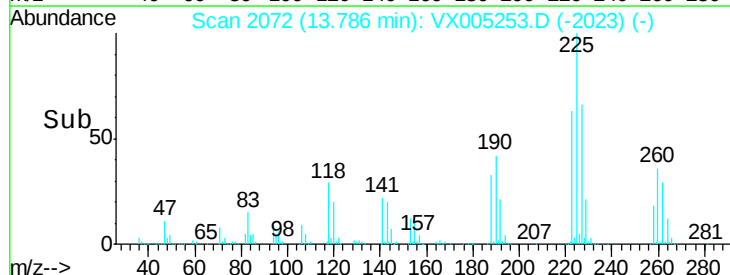
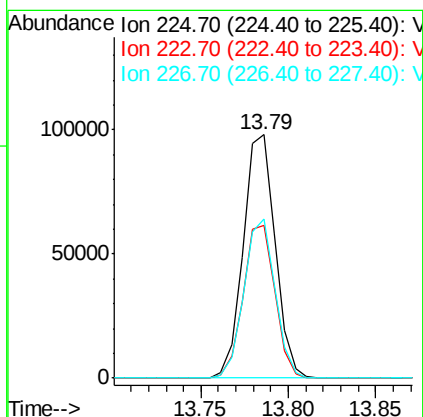
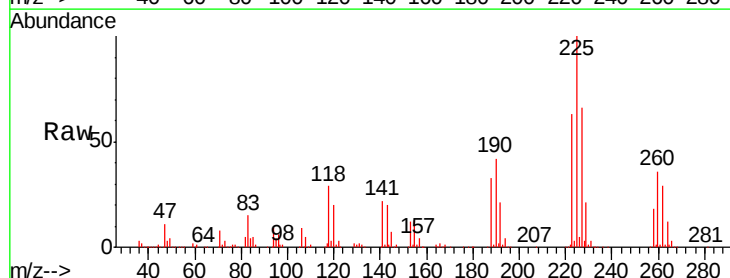
Manual Integrations
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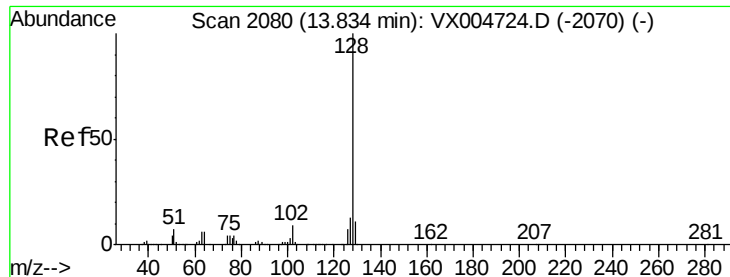
MMDadoda
10/12/2018 11:45:06 AM



#94
Hexachlorobutadiene
Concen: 54.88 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.3	93.8
227	63.8	31.9	95.5





#95

Naphthalene

Concen: 54.89 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

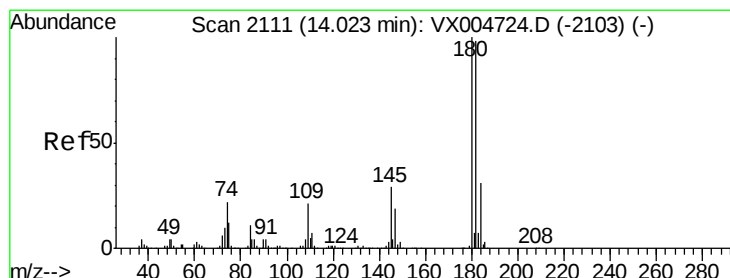
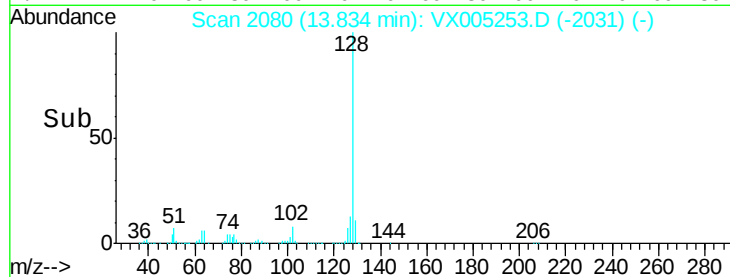
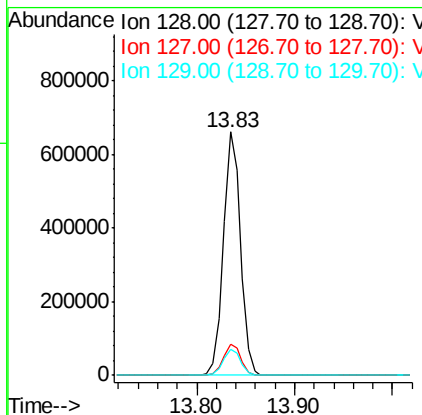
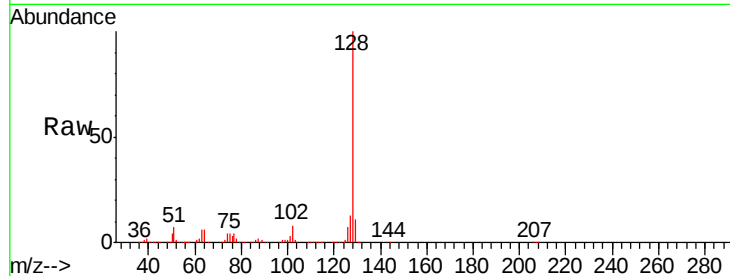
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	128	Resp:	795323
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 57.87 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Tgt Ion:	180	Resp:	260603
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.9	143.8
145	29.5	15.0	45.0

