

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005225.D
 Acq On : 10 Oct 2018 23:36
 Operator : JC/MD
 Sample : J5317-15MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-109D2-20181005MS

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:01 AM

Quant Time: Oct 11 07:51:52 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	221261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	311195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175457	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	125704	39.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.54%	
35) Dibromofluoromethane	5.51	113	104272	37.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.76%	
50) Toluene-d8	8.72	98	373663	40.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.58%	
62) 4-Bromofluorobenzene	11.14	95	141922	42.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	155432	51.52	ug/l	98
3) Chloromethane	1.32	50	178905	48.88	ug/l	100
4) Vinyl Chloride	1.40	62	177699	51.76	ug/l	99
5) Bromomethane	1.64	94	94709	46.53	ug/l	96
6) Chloroethane	1.71	64	105364	56.63	ug/l	95
7) Trichlorofluoromethane	1.92	101	227138	53.45	ug/l	93
8) Diethyl Ether	2.19	74	92681	50.20	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	121571	50.22	ug/l	100
10) Methyl Iodide	2.51	142	159070	49.10	ug/l	91
11) Tert butyl alcohol	3.08	59	237334	268.55	ug/l	99
12) 1,1-Dichloroethene	2.37	96	120820	50.40	ug/l	93
13) Acrolein	2.29	56	112751	179.31	ug/l	92
14) Allyl chloride	2.72	41	265422	50.74	ug/l	95
15) Acrylonitrile	3.15	53	506082	260.13	ug/l	97
16) Acetone	2.45	43	459847	249.20	ug/l	94
17) Carbon Disulfide	2.56	76	352813	48.97	ug/l	99
18) Methyl Acetate	2.78	43	318351	68.09	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	439056	53.09	ug/l	95
20) Methylene Chloride	2.85	84	139396	51.99	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	129095	49.19	ug/l	87
22) Diisopropyl ether	3.87	45	433291	49.19	ug/l	97
23) Vinyl Acetate	3.82	43	1835441	227.64	ug/l	98
24) 1,1-Dichloroethane	3.70	63	260860	49.65	ug/l	99
25) 2-Butanone	4.71	43	657596	241.76	ug/l	98
26) 2,2-Dichloropropane	4.58	77	137190	37.49	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	136704	46.63	ug/l	98
28) Bromochloromethane	5.02	49	92529	37.40	ug/l	100
29) Tetrahydrofuran	5.16	42	433840	256.62	ug/l	98
30) Chloroform	5.21	83	237156	47.76	ug/l	98
31) Cyclohexane	5.57	56	200524	49.86	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	204121	50.33	ug/l	96
36) 1,1-Dichloropropene	5.79	75	181039	47.57	ug/l	93
37) Ethyl Acetate	4.86	43	221841	43.91	ug/l	99
38) Carbon Tetrachloride	5.78	117	189686	47.41	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	190177	48.94	ug/l #	85
40) Benzene	6.15	78	535521	44.94	ug/l	92
41) Methacrylonitrile	5.06	41	128245	45.77	ug/l	98
42) 1,2-Dichloroethane	6.20	62	189192	44.92	ug/l	97
43) Isopropyl Acetate	6.46	43	331997	45.53	ug/l	96
44) Trichloroethene	7.21	130	215757	73.66	ug/l	100
45) 1,2-Dichloropropane	7.52	63	141610	48.46	ug/l	98
46) Dibromomethane	7.66	93	91867	50.03	ug/l	99
47) Bromodichloromethane	7.90	83	178575	51.94	ug/l	99
48) Methyl methacrylate	7.78	41	182989	55.29	ug/l	99
49) 1,4-Dioxane	7.76	88	89173	1084.50	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1226637	267.17	ug/l	99
52) Toluene	8.79	92	326500	49.87	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	189073	48.66	ug/l	91
54) cis-1,3-Dichloropropene	8.44	75	196857	48.37	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	137419	47.92	ug/l	96
56) Ethyl methacrylate	9.18	69	209493	45.30	ug/l	97
57) 1,3-Dichloropropane	9.37	76	231018	48.40	ug/l	98
59) 2-Hexanone	9.50	43	978676	255.80	ug/l	95
60) Dibromochloromethane	9.59	129	145088	50.59	ug/l	100
61) 1,2-Dibromoethane	9.68	107	142617	46.43	ug/l	96
64) Tetrachloroethene	9.34	164	139626	45.59	ug/l	96
65) Chlorobenzene	10.14	112	368282	46.15	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	136473	48.65	ug/l	99
67) Ethyl Benzene	10.26	91	623907	49.25	ug/l	96
68) m/p-Xylenes	10.36	106	488772	98.73	ug/l	96
69) o-Xylene	10.70	106	235326	51.75	ug/l	99
70) Styrene	10.71	104	400230	47.19	ug/l	100
71) Bromoform	10.86	173	121598	50.63	ug/l #	96
73) Isopropylbenzene	11.02	105	638969	57.78	ug/l	100
74) N-amyl acetate	10.90	43	283306	46.73	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	226519	50.32	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	206915m	52.61	ug/l	
77) Bromobenzene	11.26	156	172531	53.71	ug/l	98
78) n-propylbenzene	11.36	91	727604	57.34	ug/l	99
79) 2-Chlorotoluene	11.42	91	434411	54.92	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	544648	53.75	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	60254	42.11	ug/l	100
82) 4-Chlorotoluene	11.51	91	515251	55.35	ug/l	99
83) tert-Butylbenzene	11.77	119	538353	59.12	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	563275	53.90	ug/l	99
85) sec-Butylbenzene	11.94	105	642338	57.92	ug/l	100
86) p-Isopropyltoluene	12.07	119	578292	57.55	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	314777	52.48	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	319701	51.63	ug/l	100
89) n-Butylbenzene	12.39	91	501798	54.99	ug/l	100
90) Hexachloroethane	12.60	117	94632	56.56	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	320389	51.11	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55533	56.18	ug/l	100
93) 1,2,4-Trichlorobenzene	13.65	180	237166	53.94	ug/l	100

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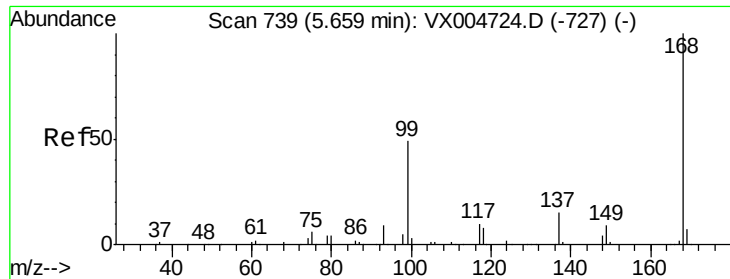
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	115703	50.74	ug/l	99
95) Naphthalene	13.83	128	767979	52.58	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	248466	54.70	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Instrument :

MSVOA_X

ClientSampleId :

RE-109D2-20181005MS

Tgt Ion:168 Resp: 221261

Ion Ratio Lower Upper

168 100

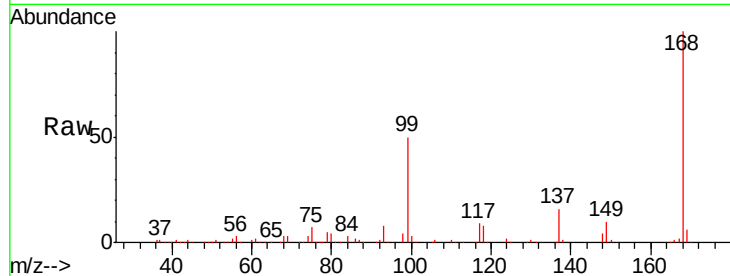
99 49.4 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

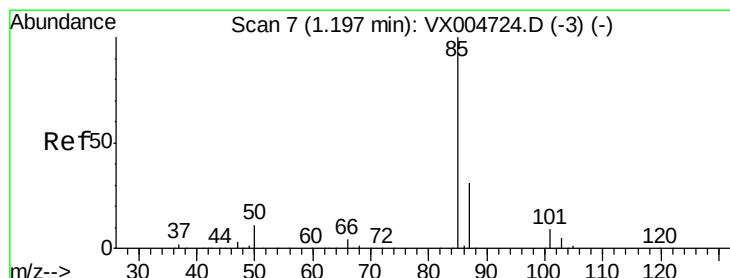
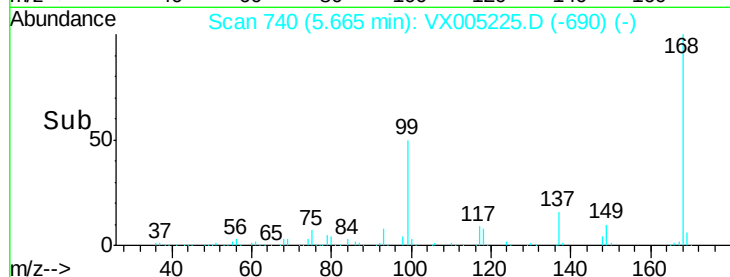
60000

40000

20000

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Time-->



#2

Dichlorodifluoromethane

Concen: 51.52 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005225.D

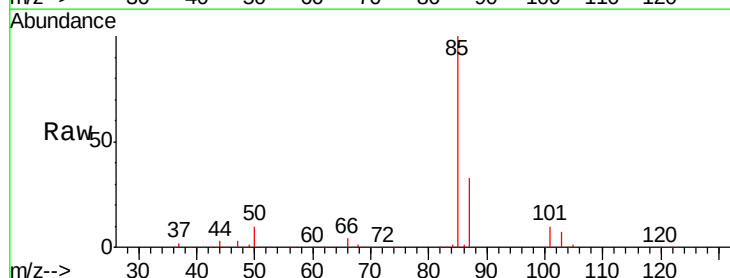
Acq: 10 Oct 2018 23:36

Tgt Ion: 85 Resp: 155432

Ion Ratio Lower Upper

85 100

87 32.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

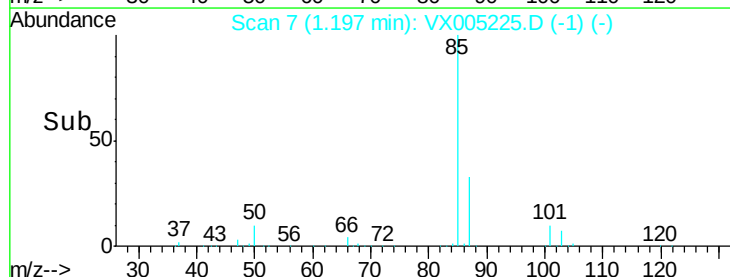
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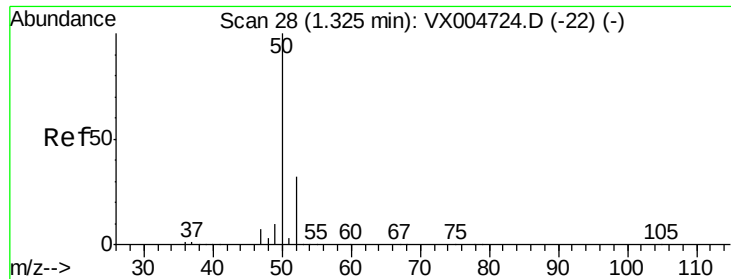
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50000

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Time-->





#3

Chloromethane

Concen: 48.88 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Instrument :

MSVOA_X

ClientSampleId :

RE-109D2-20181005MS

Tgt Ion: 50 Resp: 178905

Ion Ratio Lower Upper

50 100

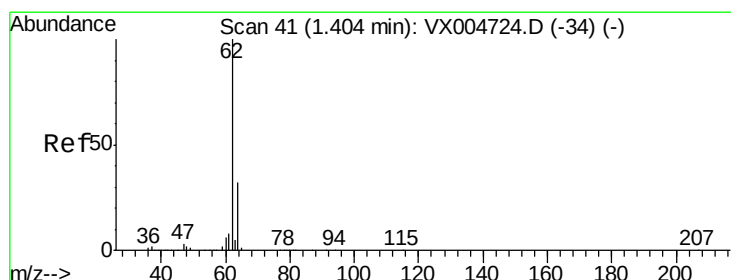
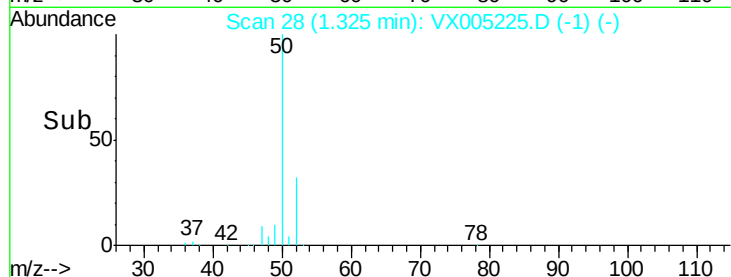
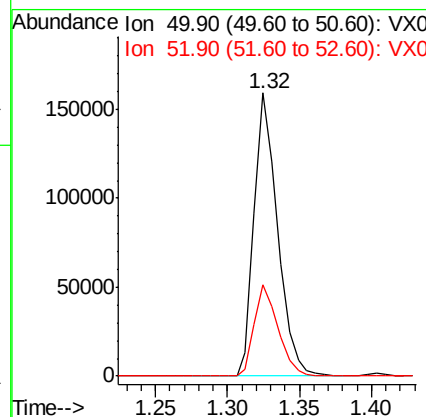
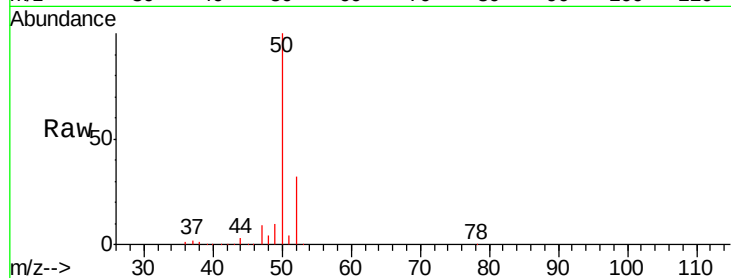
52 32.4 25.8 38.6

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#4

Vinyl Chloride

Concen: 51.76 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005225.D

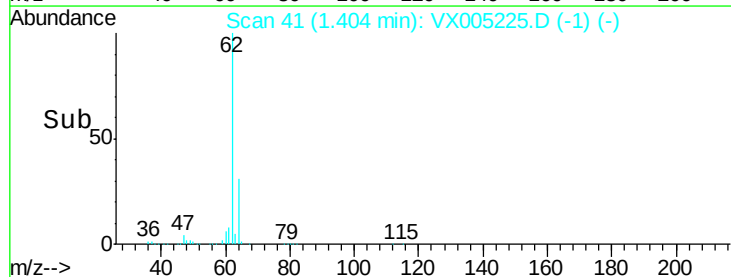
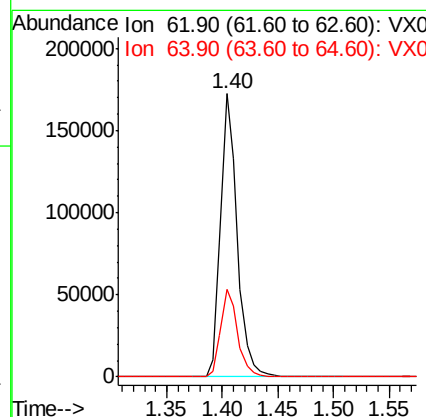
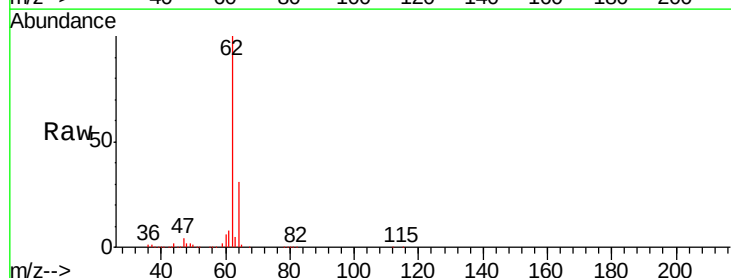
Acq: 10 Oct 2018 23:36

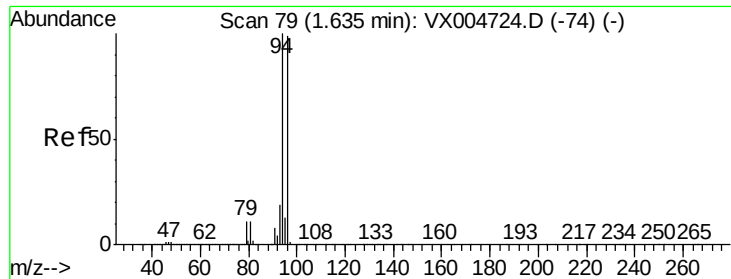
Tgt Ion: 62 Resp: 177699

Ion Ratio Lower Upper

62 100

64 31.1 25.5 38.3





#5

Bromomethane

Concen: 46.53 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Instrument :

MSVOA_X

ClientSampleId :

RE-109D2-20181005MS

Tgt Ion: 94 Resp: 94709

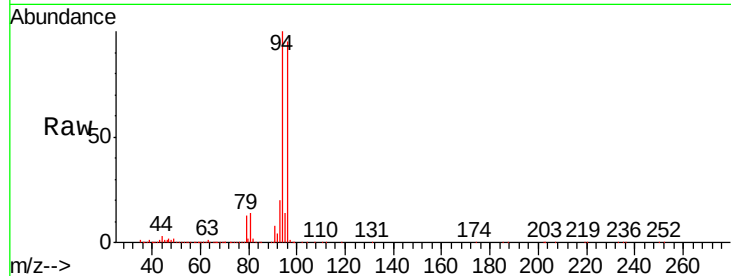
Ion Ratio Lower Upper

94 100

96 95.1 79.5 119.3

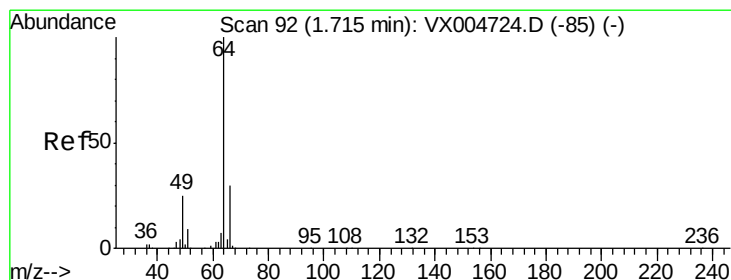
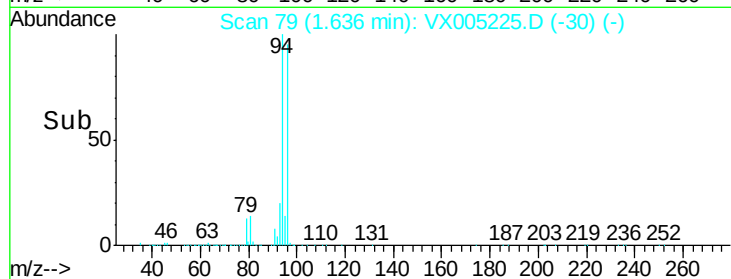
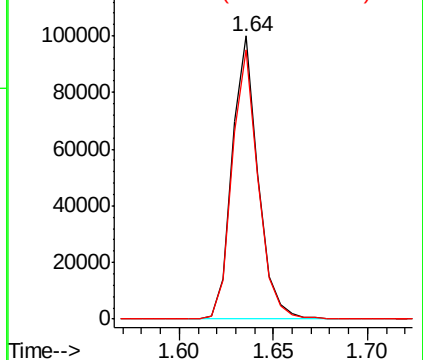
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.63 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005225.D

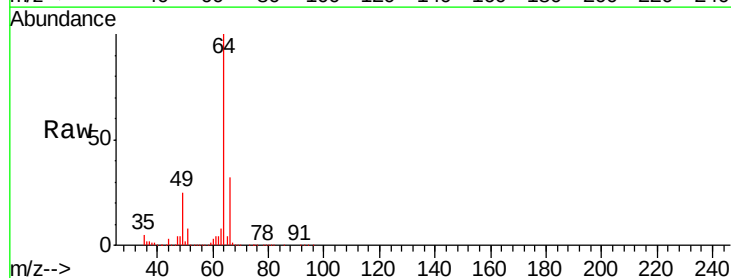
Acq: 10 Oct 2018 23:36

Tgt Ion: 64 Resp: 105364

Ion Ratio Lower Upper

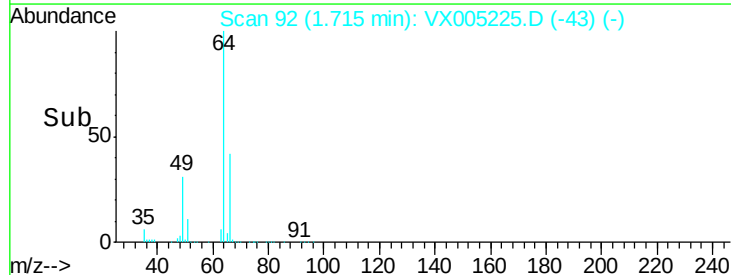
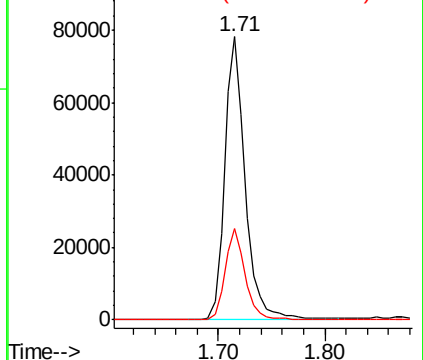
64 100

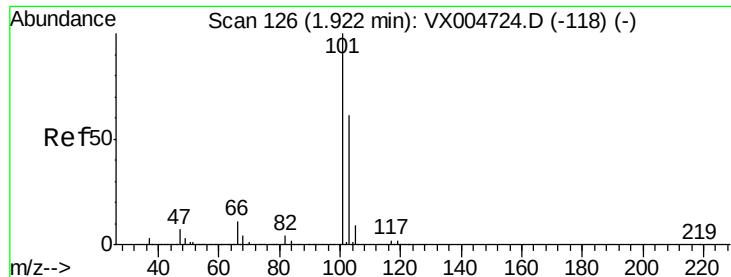
66 32.3 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

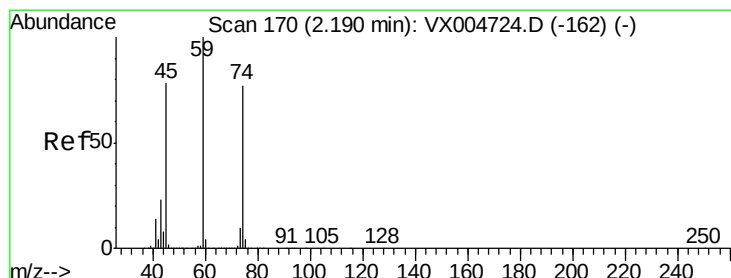
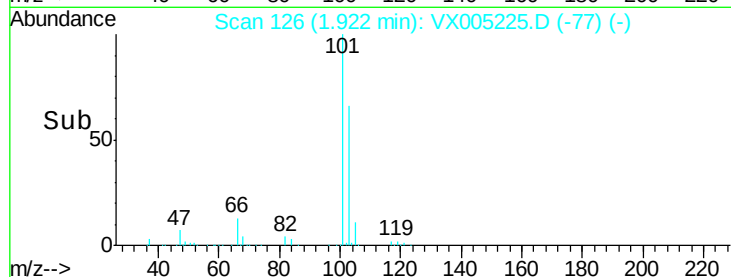
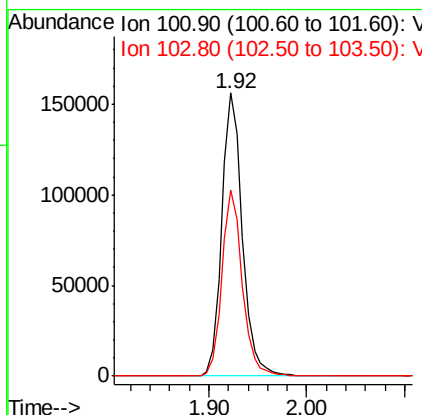
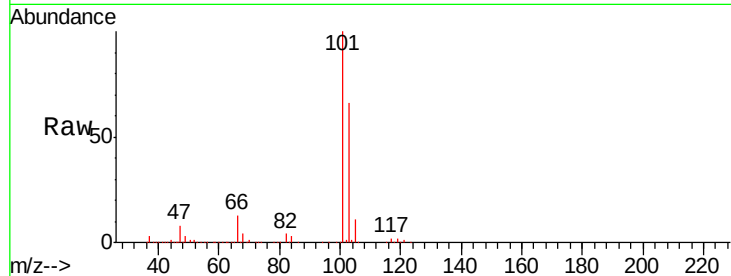
Trichlorofluoromethane
Concen: 53.45 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	227138		
103	65.7	48.4	72.6	

Manual Integrations
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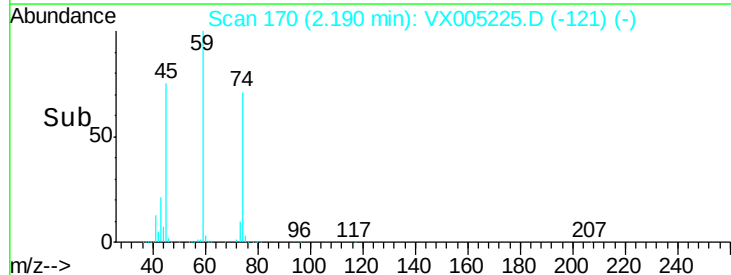
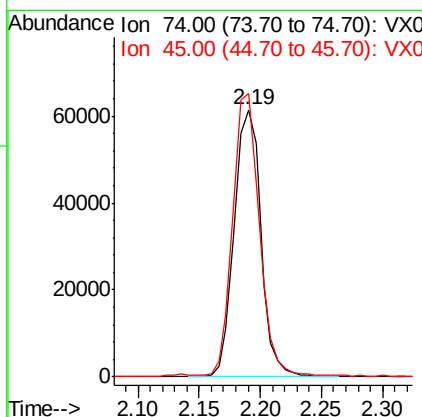
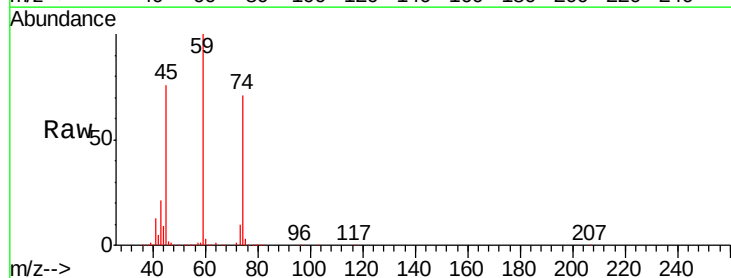
MMDadoda
10/12/2018 11:45:01 AM

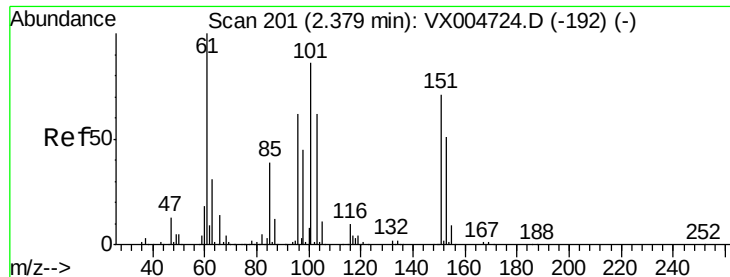


#8

Diethyl Ether
Concen: 50.20 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	92681		
45	105.0	52.5	157.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.22 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Instrument :

MSVOA_X

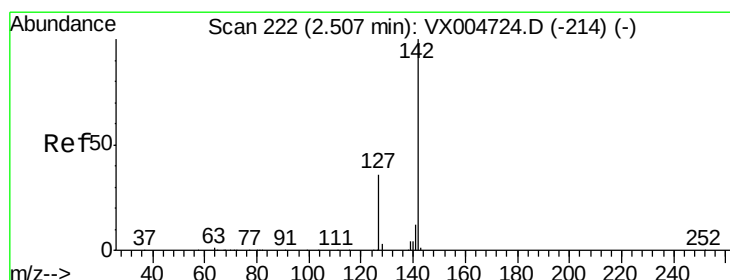
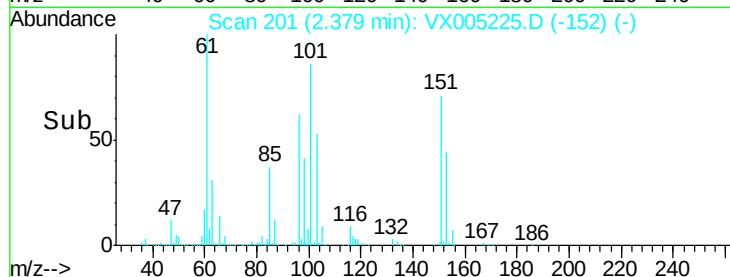
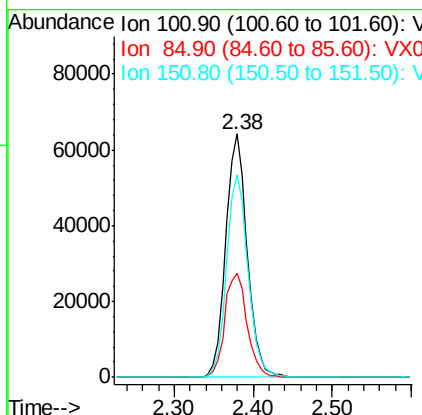
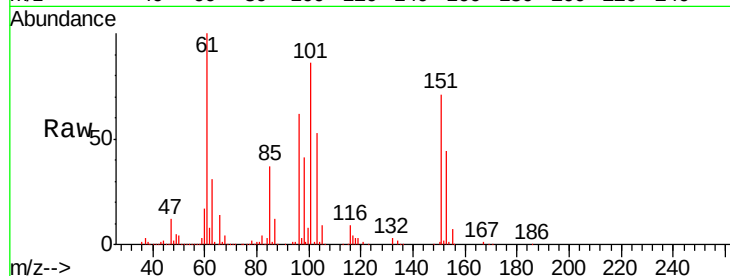
ClientSampleId :

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Tgt	Ion:101	Resp:	121571
Ion	Ratio	Lower	Upper
101	100		
85	44.7	35.9	53.9
151	83.4	66.6	100.0

Manual Integrations
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#10

Methyl Iodide

Concen: 49.10 ug/l

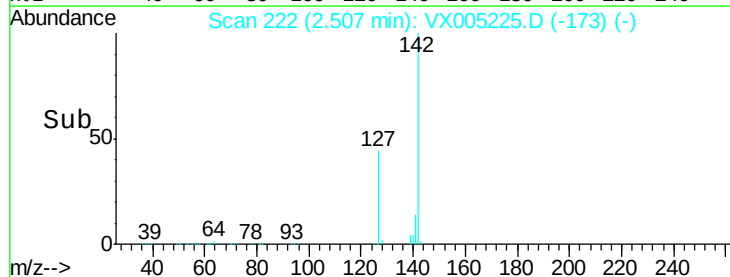
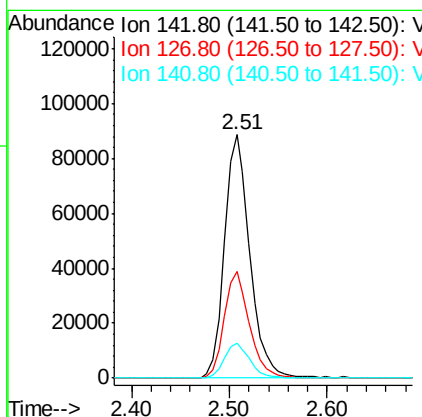
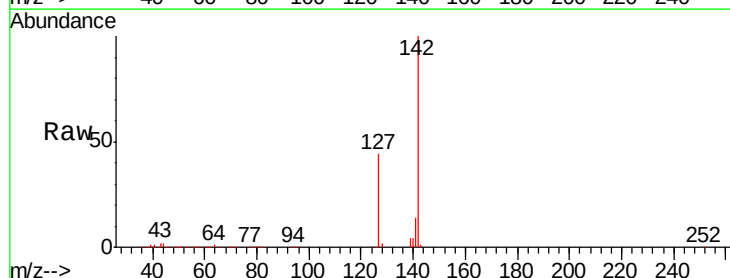
RT: 2.51 min Scan# 222

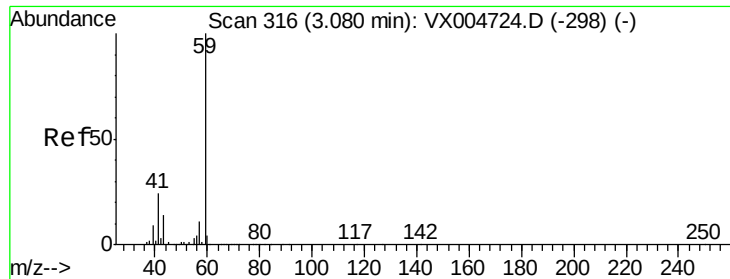
Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Tgt	Ion:142	Resp:	159070
Ion	Ratio	Lower	Upper
142	100		
127	43.9	30.1	45.1
141	14.5	10.1	15.1





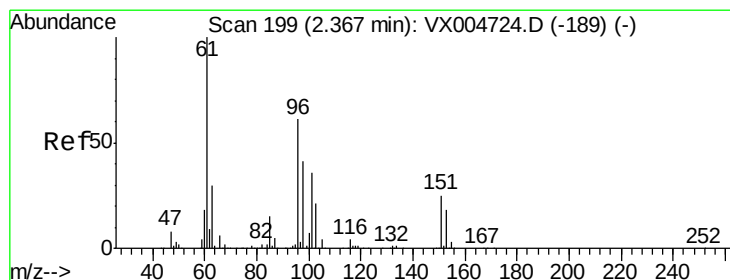
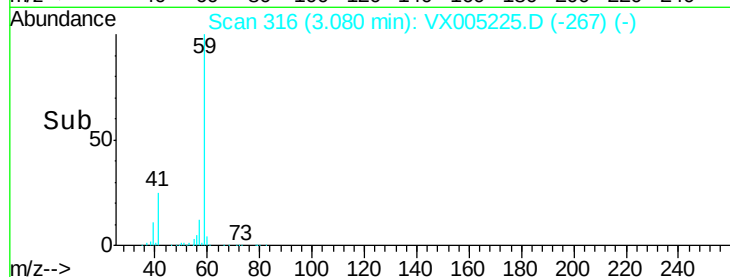
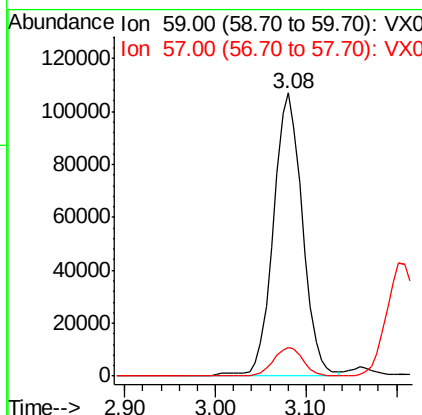
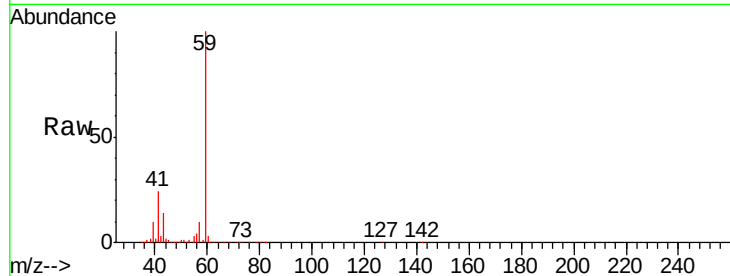
#11
Tert butyl alcohol
Concen: 268.55 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Instrument :
MSVOA_X
ClientSampleId :
RE-109D2-20181005MS

Tgt Ion: 59 Resp: 237334
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

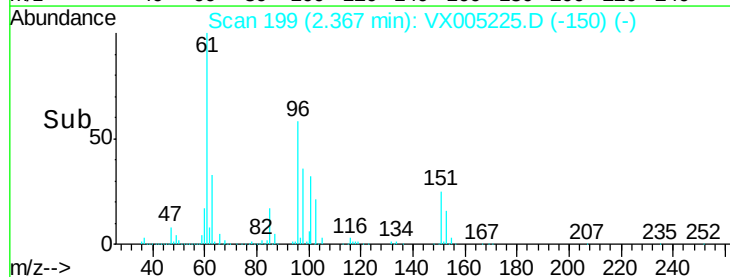
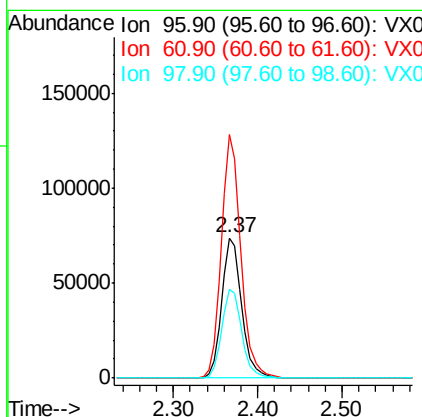
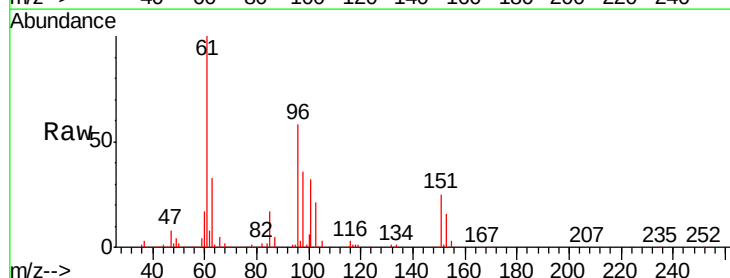
Manual Integrations
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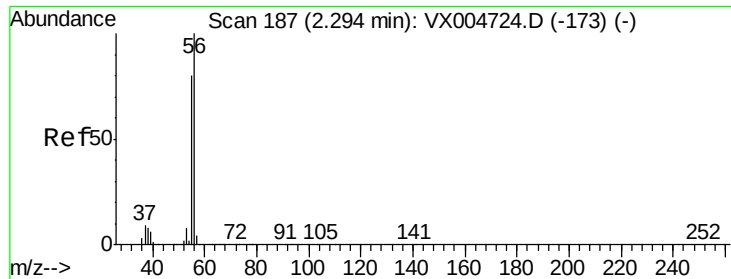
MMDadoda
10/12/2018 11:45:01 AM



#12
1,1-Dichloroethene
Concen: 50.40 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Tgt Ion: 96 Resp: 120820
Ion Ratio Lower Upper
96 100
61 173.2 130.2 195.4
98 63.2 53.4 80.0





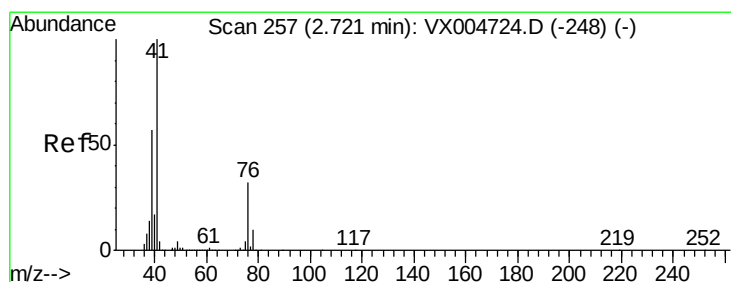
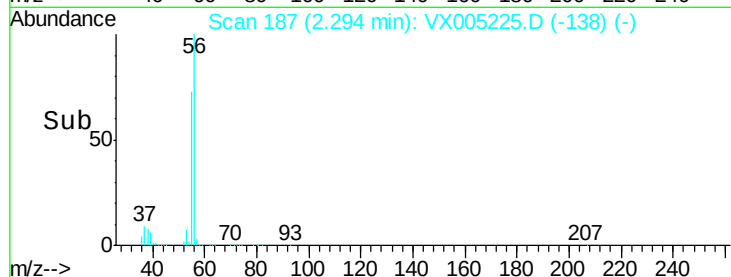
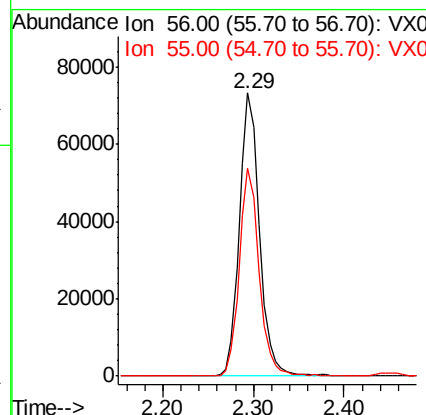
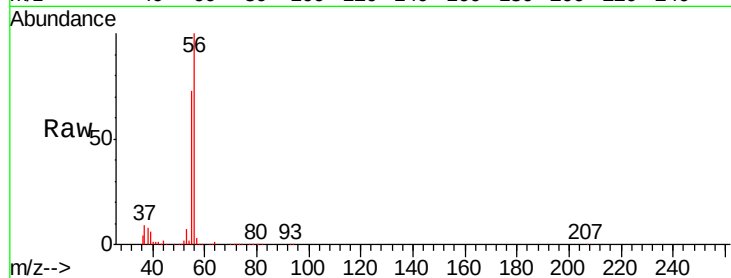
#13
 Acrolein
 Concen: 179.31 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX005225.D
 Acq: 10 Oct 2018 23:36

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-109D2-20181005MS

Tgt Ion	Ratio	Lower	Upper
56	100		
55	72.4	63.4	95.2

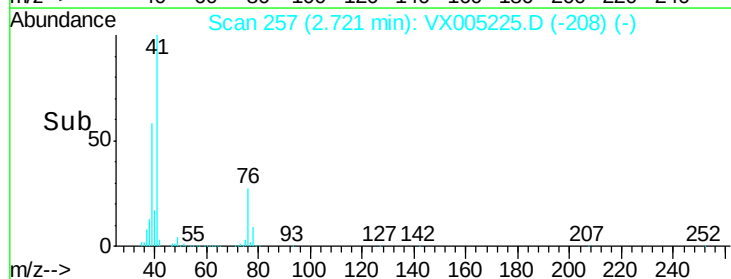
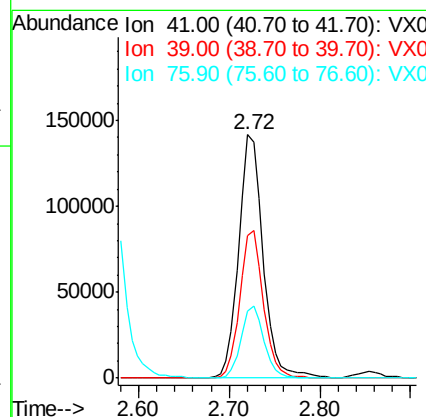
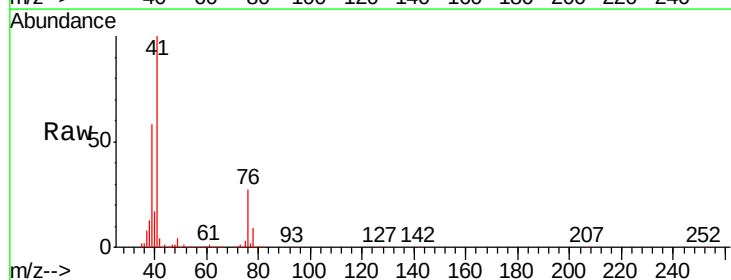
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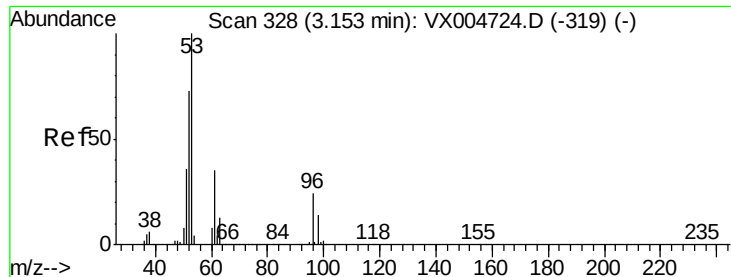
MMDadoda
 10/12/2018 11:45:01 AM



#14
 Allyl chloride
 Concen: 50.74 ug/l
 RT: 2.72 min Scan# 257
 Delta R.T. 0.00 min
 Lab File: VX005225.D
 Acq: 10 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.2	44.1	66.1
76	28.1	25.0	37.4





#15

Acrylonitrile

Concen: 260.13 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Instrument :

MSVOA_X

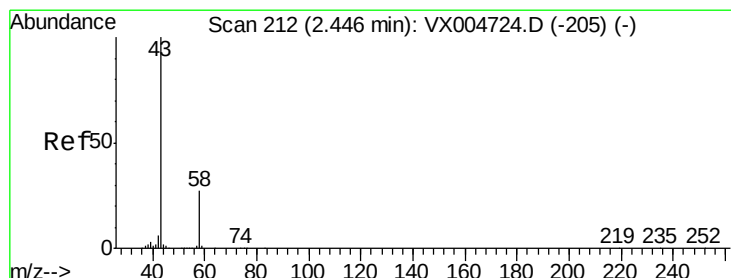
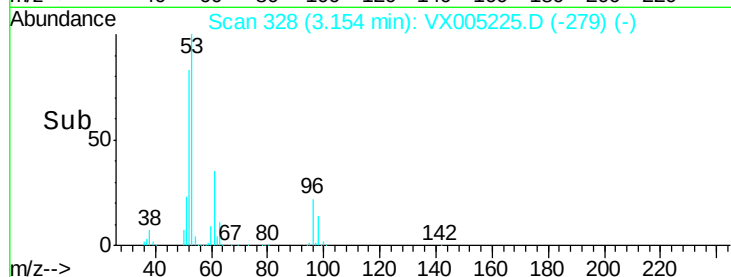
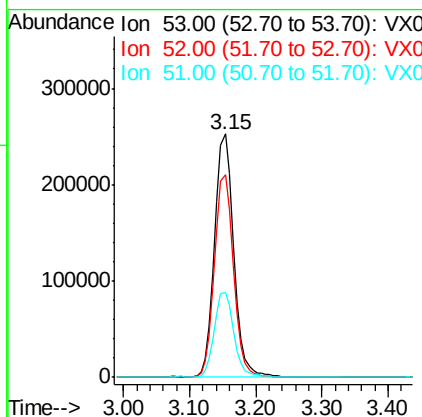
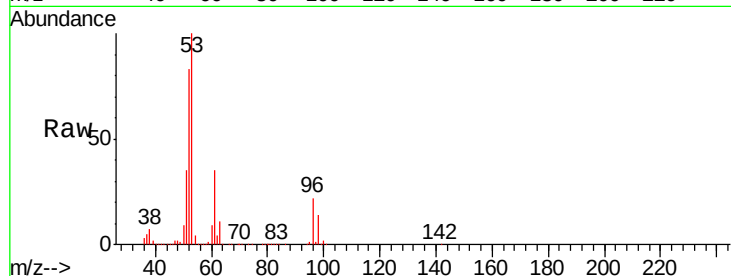
ClientSampleId :

RE-109D2-20181005MS

Tgt Ion:	53	Resp:	506082
Ion	Ratio	Lower	Upper
53	100		
52	83.0	63.0	94.4
51	35.9	28.6	42.8

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#16

Acetone

Concen: 249.20 ug/l

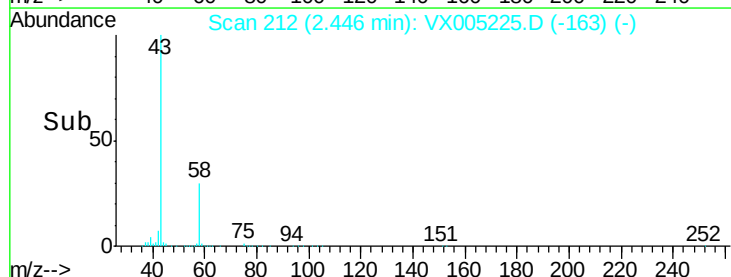
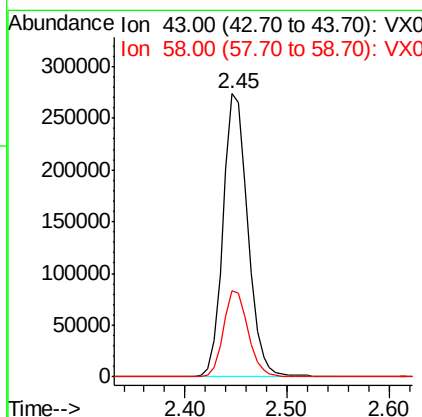
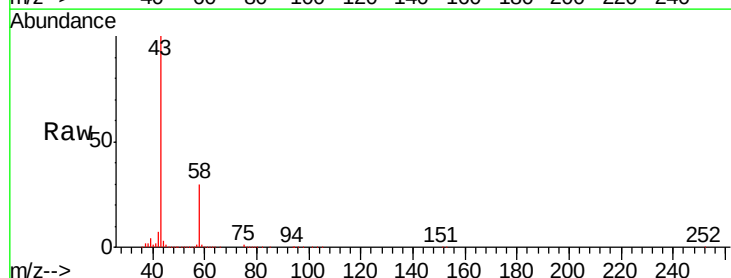
RT: 2.45 min Scan# 212

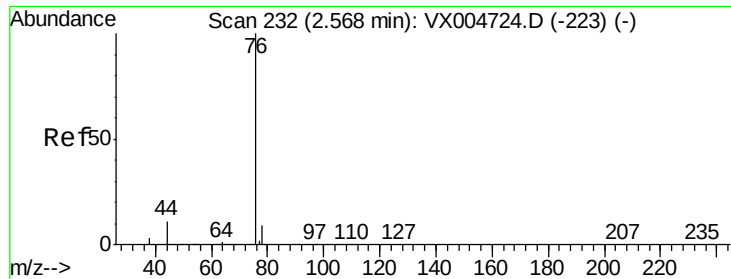
Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Tgt Ion:	43	Resp:	459847
Ion	Ratio	Lower	Upper
43	100		
58	30.4	21.8	32.6





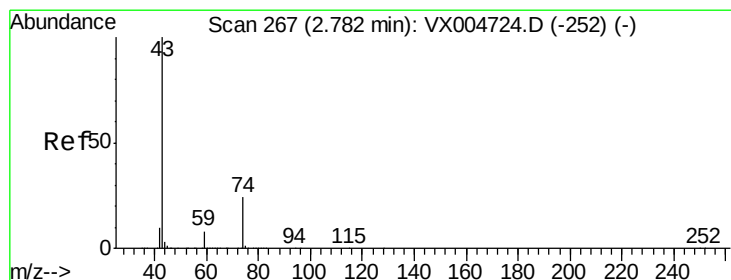
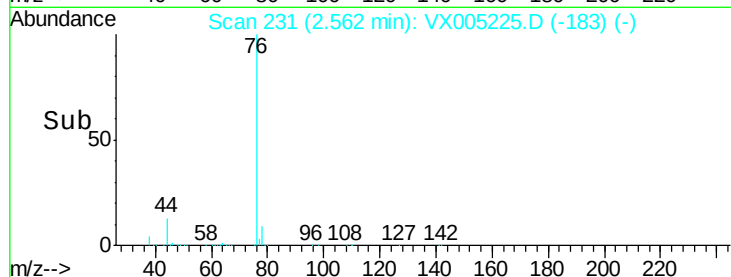
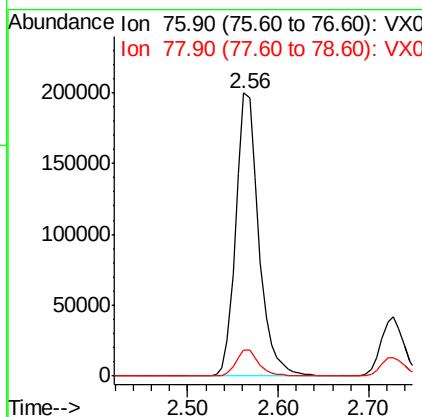
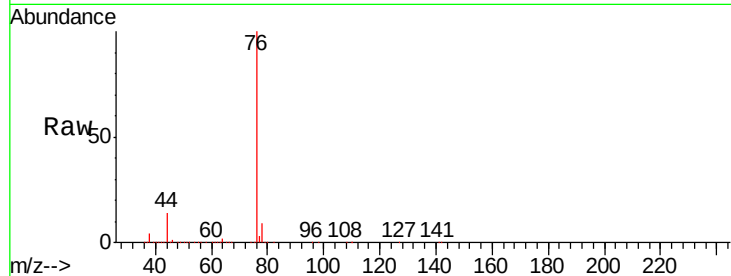
#17
Carbon Disulfide
Concen: 48.97 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Instrument :
MSVOA_X
ClientSampleId :
RE-109D2-20181005MS

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

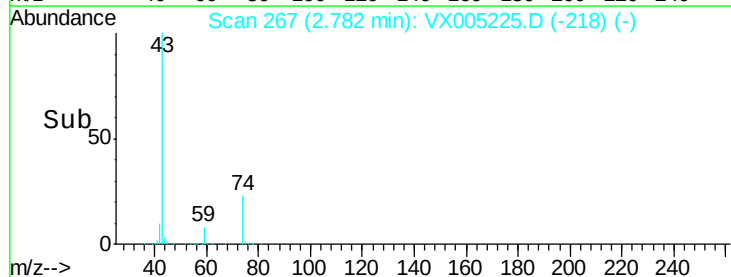
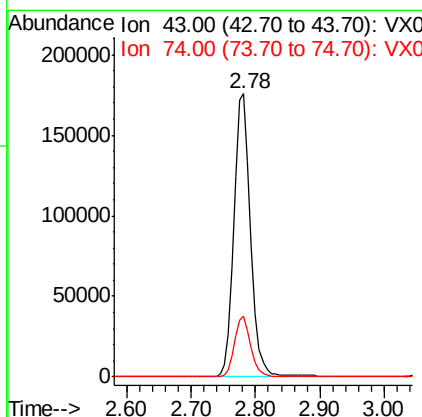
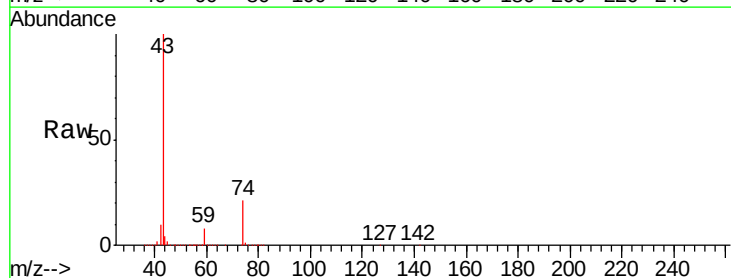
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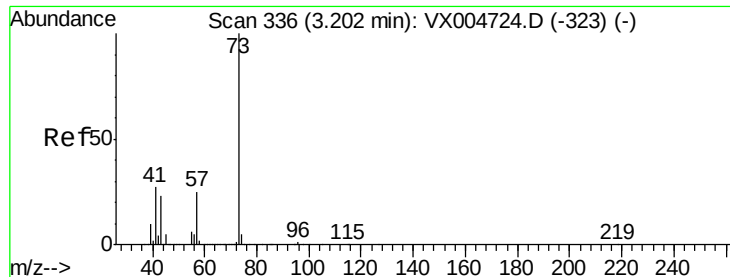
MMDadoda
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#18
Methyl Acetate
Concen: 68.09 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.7	17.8	26.8





#19

Methyl tert-butyl Ether

Concen: 53.09 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Instrument :

MSVOA_X

ClientSampleId :

RE-109D2-20181005MS

Tgt Ion: 73 Resp: 439056

Ion Ratio Lower Upper

73 100

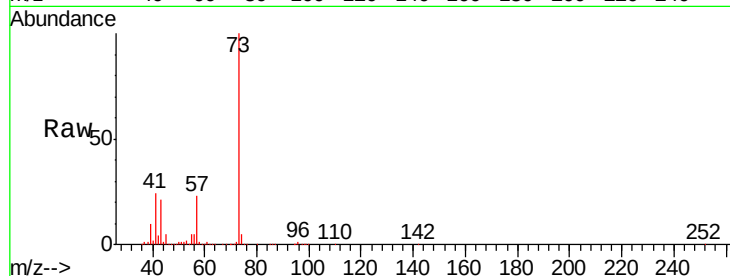
57 22.6 19.9 29.9

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Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

200000

150000

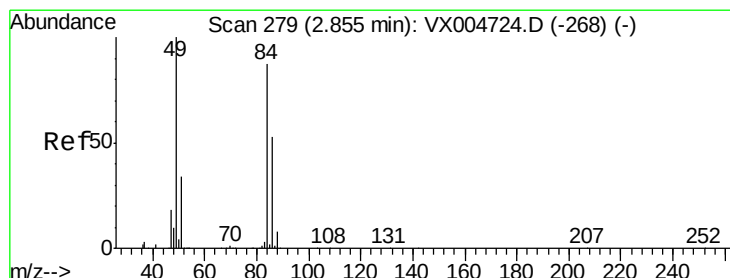
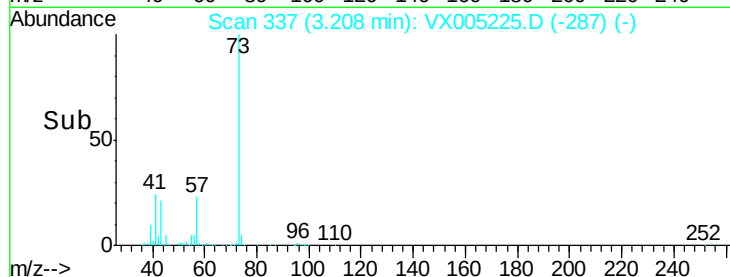
100000

50000

0

3.10 3.20 3.30 3.40

Time-->



#20

Methylene Chloride

Concen: 51.99 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Tgt Ion: 84 Resp: 139396

Ion Ratio Lower Upper

84 100

49 134.1 92.3 138.5

51 41.4 31.8 47.6

86 64.2 48.5 72.7

Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

150000

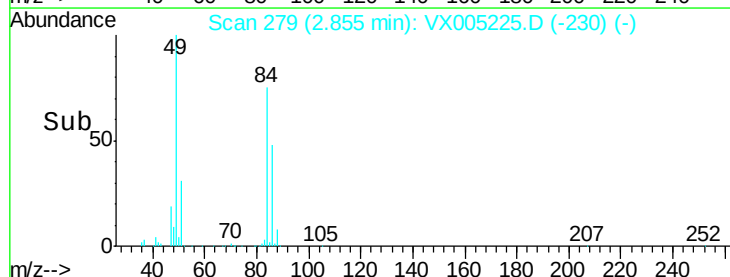
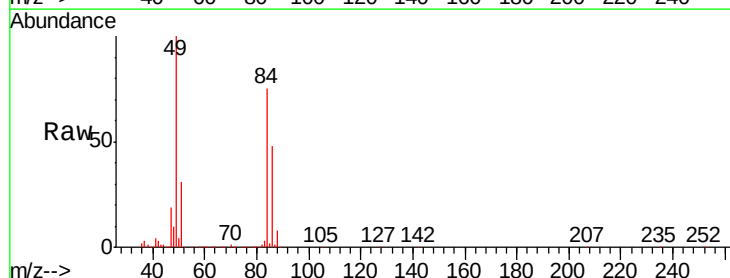
100000

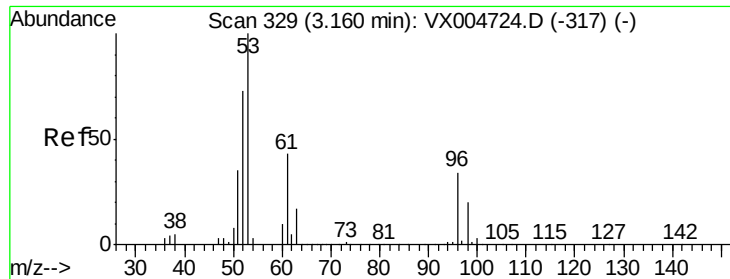
50000

0

2.80 2.85 2.90

Time-->





#21

trans-1,2-Dichloroethene

Concen: 49.19 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Instrument :

MSVOA_X

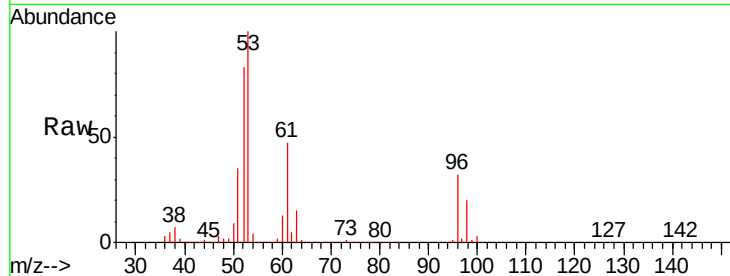
ClientSampleId :

RE-109D2-20181005MS

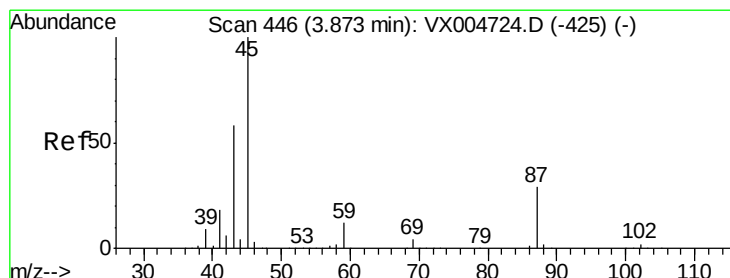
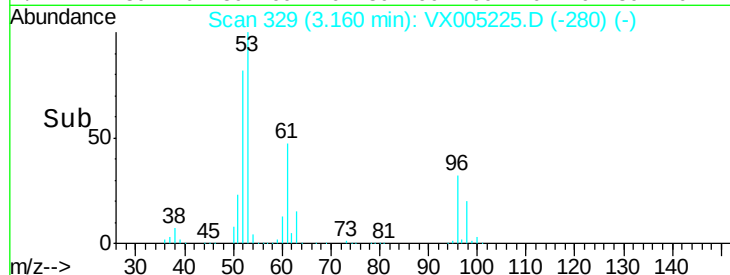
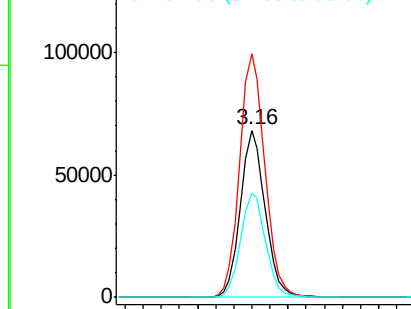
Tgt Ion:	96	Resp:	129095
Ion	Ratio	Lower	Upper
96	100		
61	145.2	101.0	151.6
98	62.2	47.2	70.8

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



#22

Diisopropyl ether

Concen: 49.19 ug/l

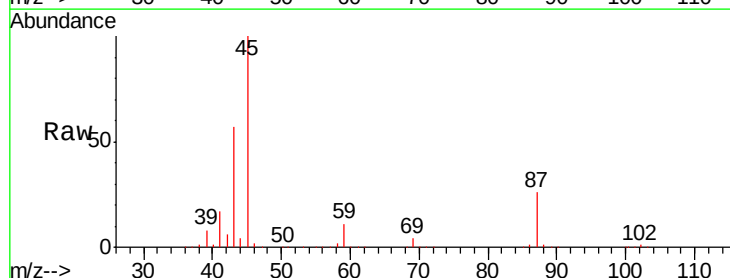
RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

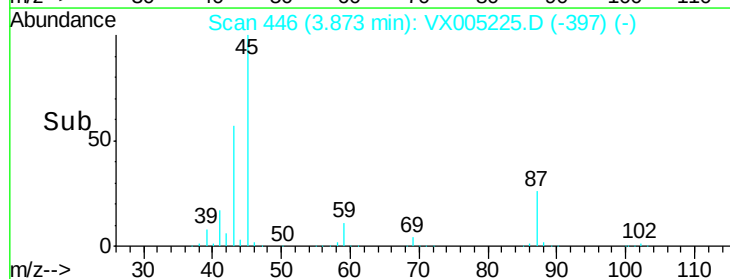
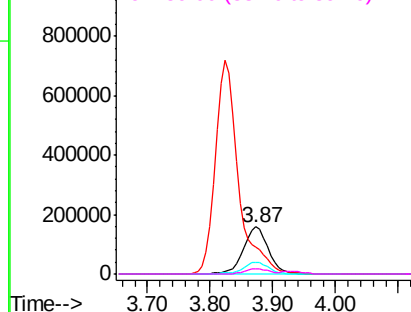
Lab File: VX005225.D

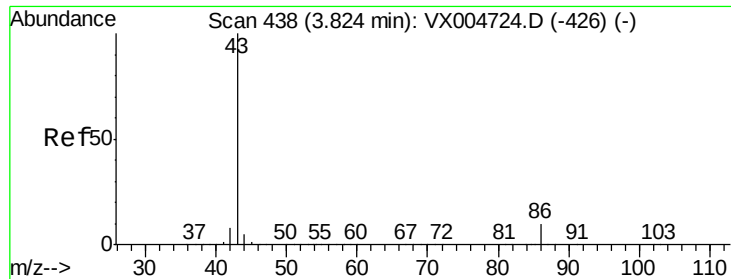
Acq: 10 Oct 2018 23:36

Tgt Ion:	45	Resp:	433291
Ion	Ratio	Lower	Upper
45	100		
43	56.7	46.7	70.1
87	25.9	22.9	34.3
59	11.0	9.3	13.9



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





#23

Vinyl Acetate

Concen: 227.64 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Tgt Ion: 43 Resp: 1835441

Ion Ratio Lower Upper

43 100

86 9.4 8.1 12.1

Instrument :

MSVOA_X

ClientSampleId :

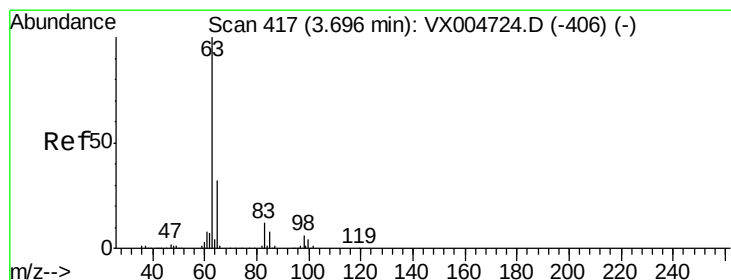
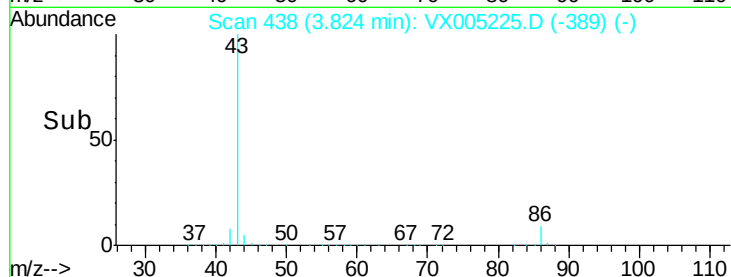
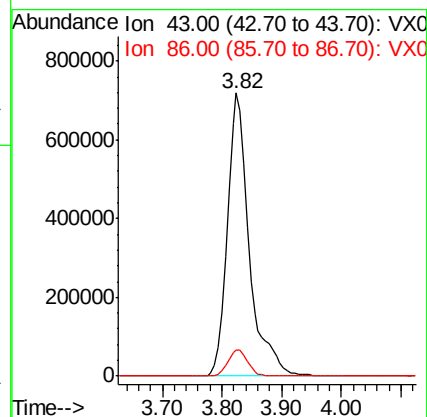
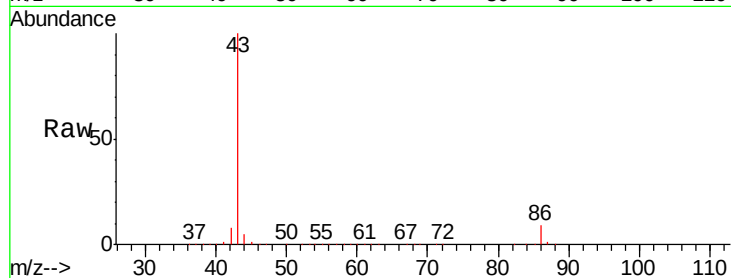
RE-109D2-20181005MS

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#24

1,1-Dichloroethane

Concen: 49.65 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

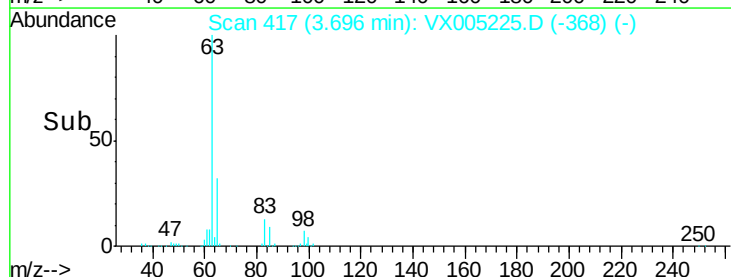
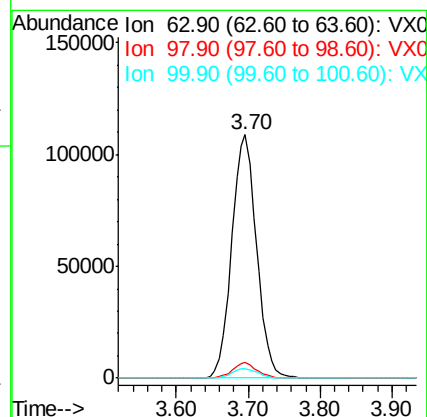
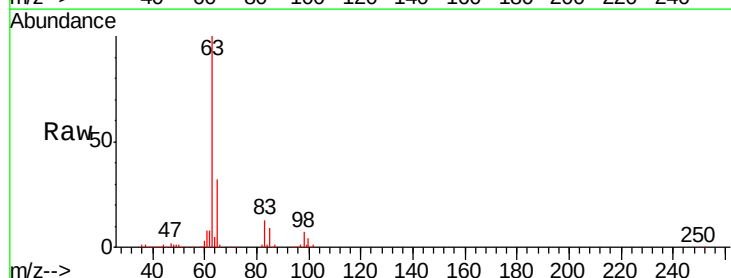
Tgt Ion: 63 Resp: 260860

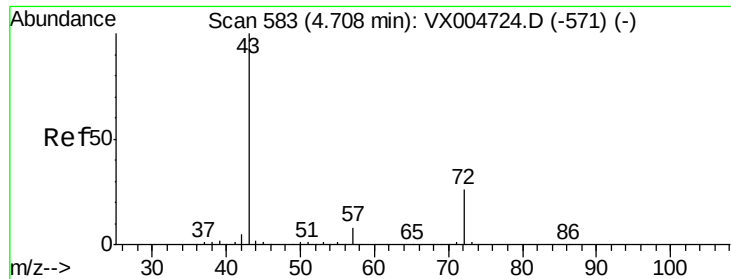
Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

100 3.9 2.0 5.8





#25

2-Butanone

Concen: 241.76 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Instrument :

MSVOA_X

ClientSampleId :

RE-109D2-20181005MS

Tgt Ion: 43 Resp: 657596

Ion Ratio Lower Upper

43 100

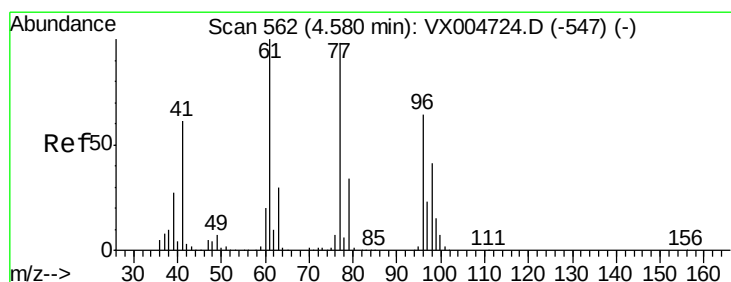
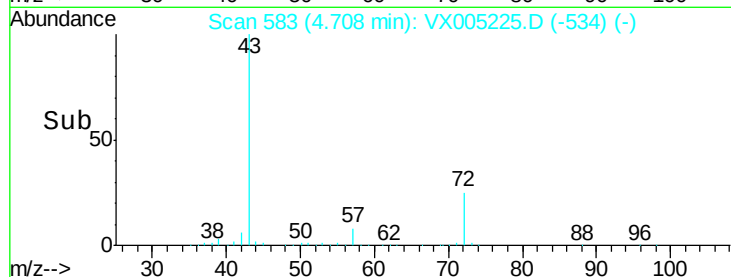
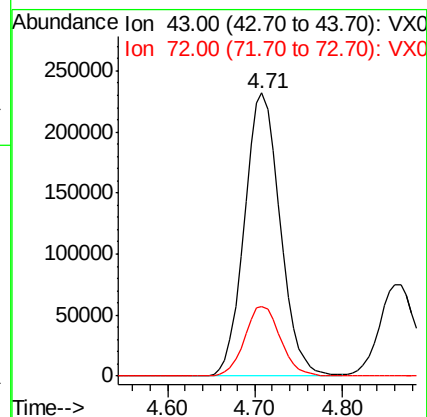
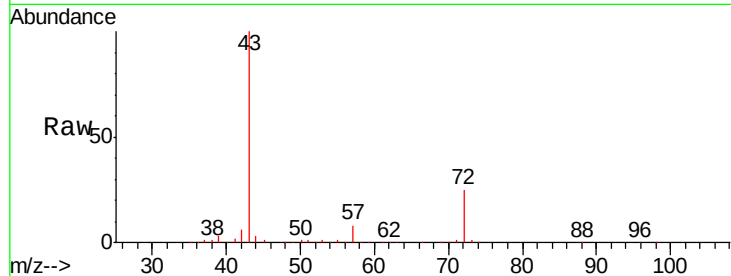
72 24.8 20.8 31.2

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#26

2,2-Dichloropropane

Concen: 37.49 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005225.D

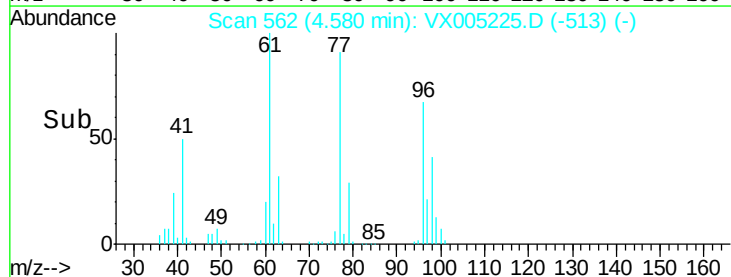
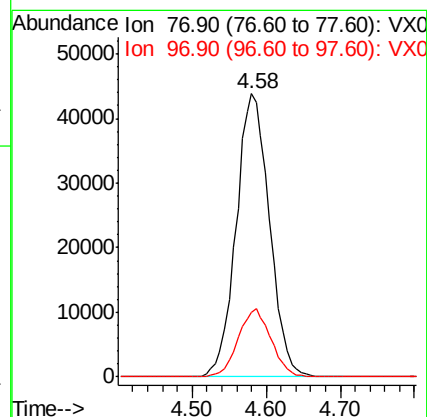
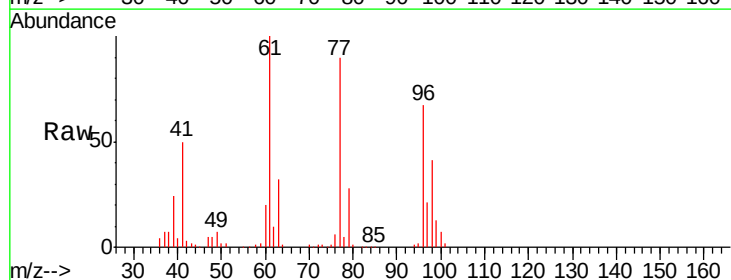
Acq: 10 Oct 2018 23:36

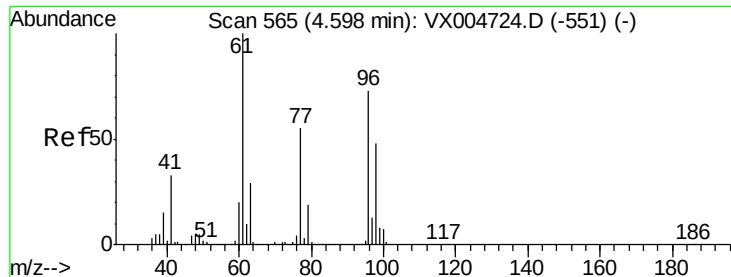
Tgt Ion: 77 Resp: 137190

Ion Ratio Lower Upper

77 100

97 23.7 12.6 37.8





#27

cis-1,2-Dichloroethene

Concen: 46.63 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Instrument :

MSVOA_X

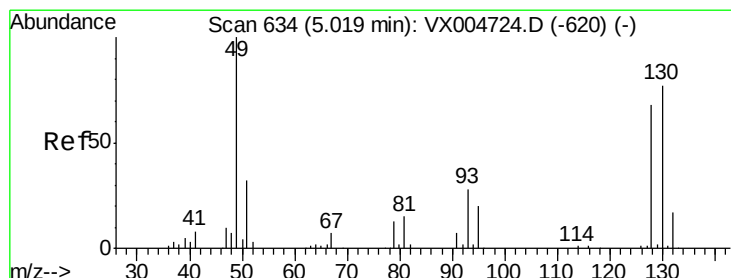
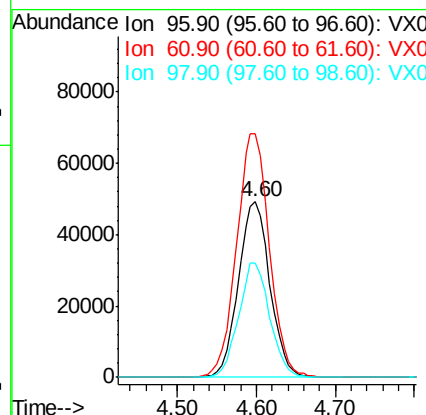
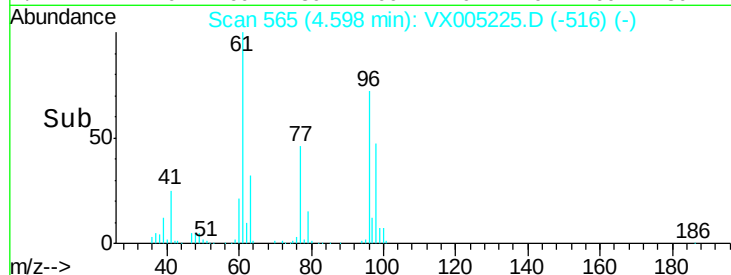
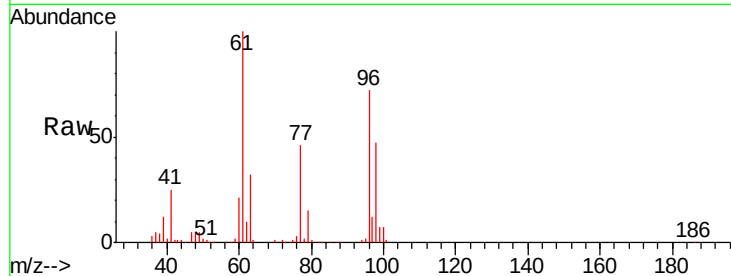
ClientSampleId :

RE-109D2-20181005MS

Tgt Ion:	96	Resp:	136704
Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	285.8
98	64.6	0.0	136.2

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#28

Bromochloromethane

Concen: 37.40 ug/l

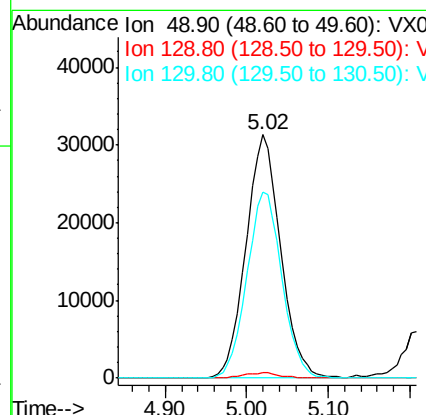
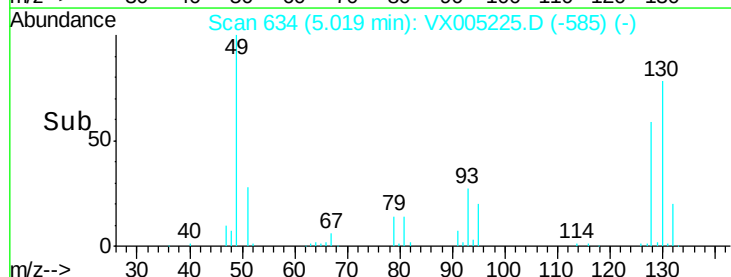
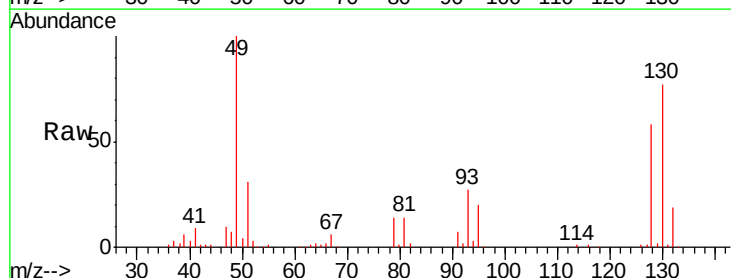
RT: 5.02 min Scan# 634

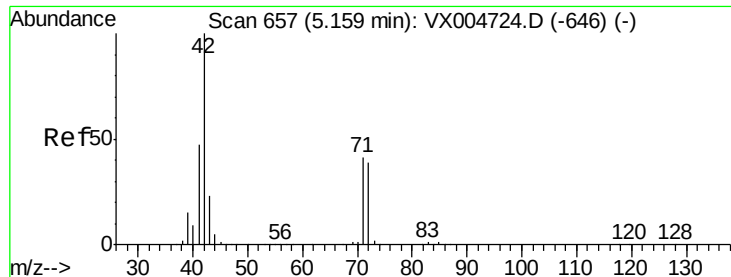
Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Tgt Ion:	49	Resp:	92529
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	77.3	62.0	93.0





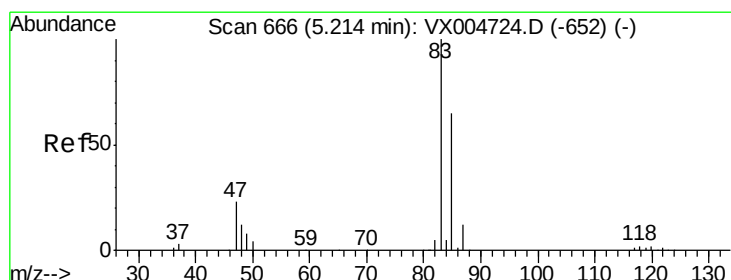
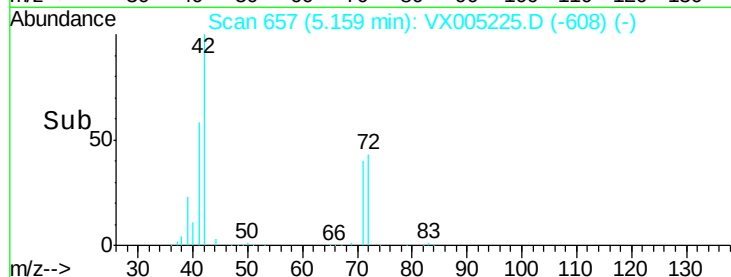
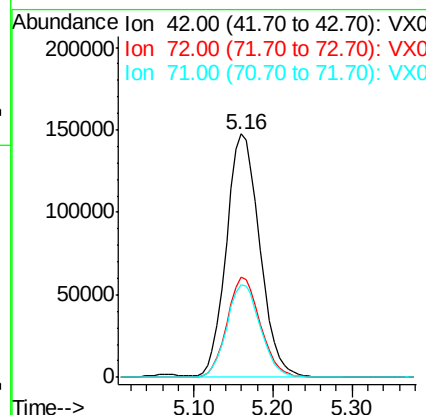
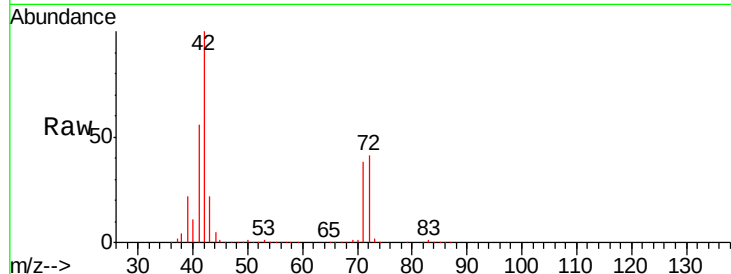
#29
Tetrahydrofuran
Concen: 256.62 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Instrument :
MSVOA_X
ClientSampleId :
RE-109D2-20181005MS

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.7	50.5
71	38.5	32.2	48.4

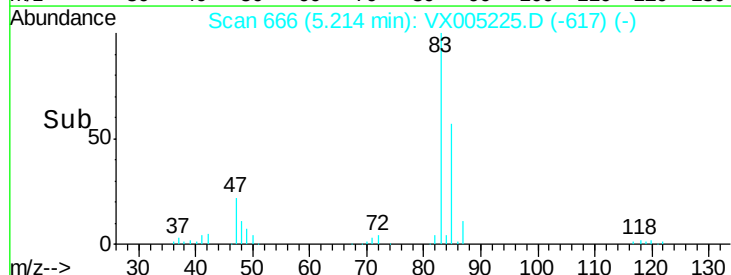
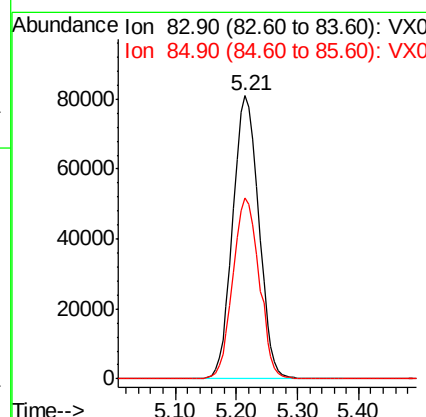
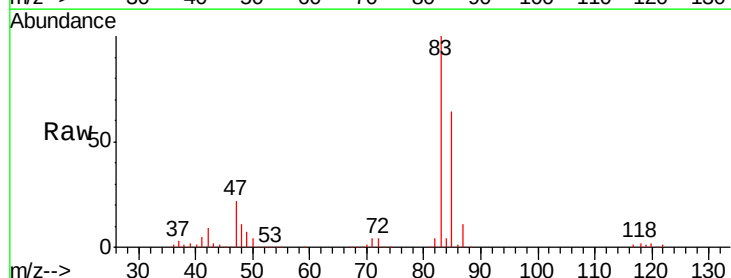
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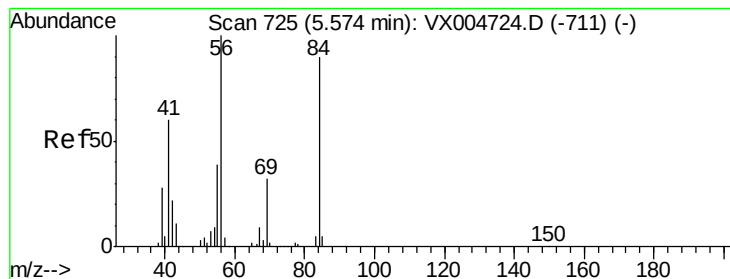
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#30
Chloroform
Concen: 47.76 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.4	78.6





#31

Cyclohexane

Concen: 49.86 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Instrument :

MSVOA_X

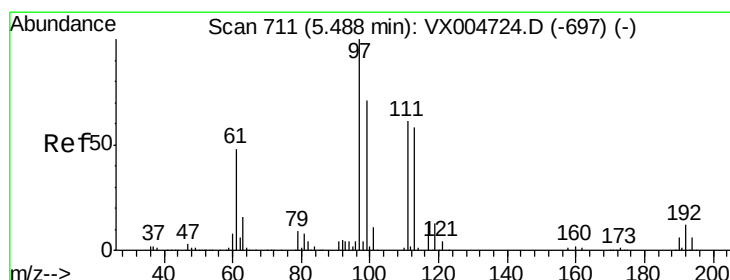
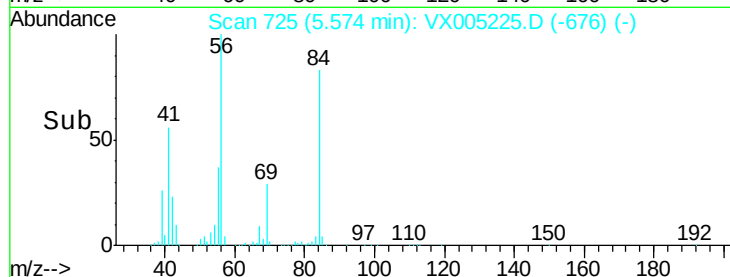
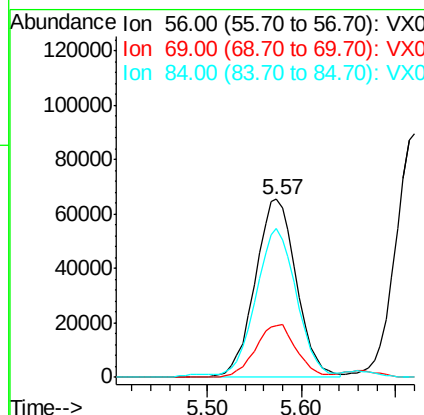
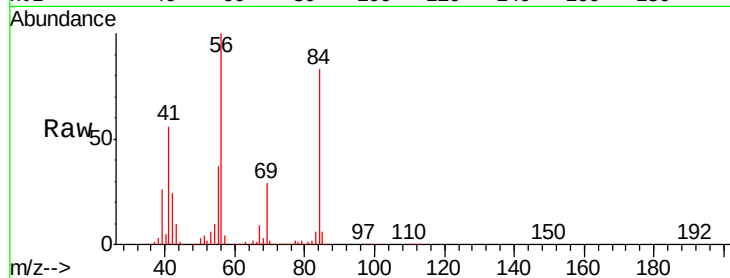
ClientSampleId :

RE-109D2-20181005MS

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.1	25.9	38.9
84	81.6	71.9	107.9

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#32

1,1,1-Trichloroethane

Concen: 50.33 ug/l

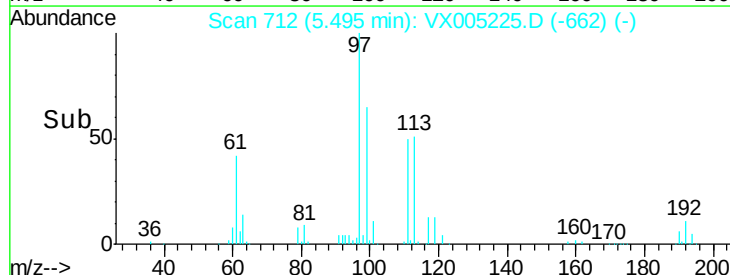
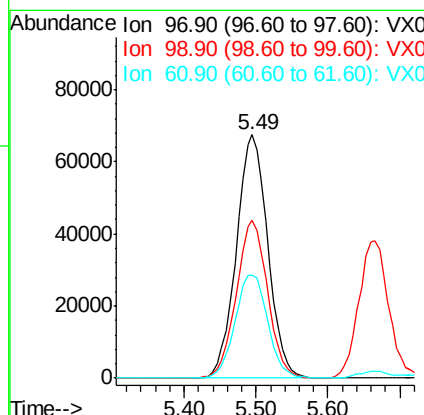
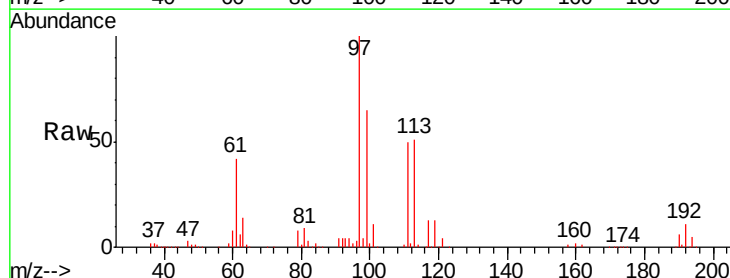
RT: 5.49 min Scan# 712

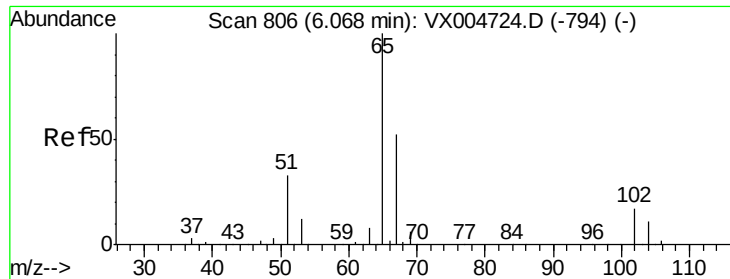
Delta R.T. 0.01 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	54.6	82.0
61	44.4	37.5	56.3





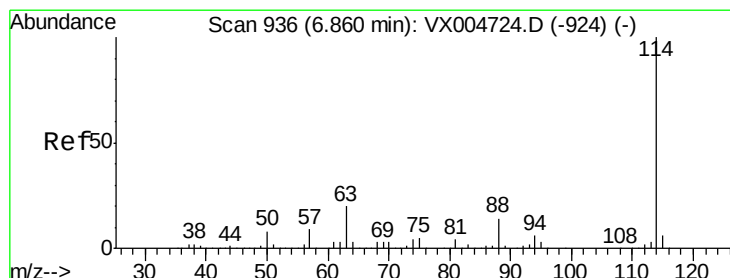
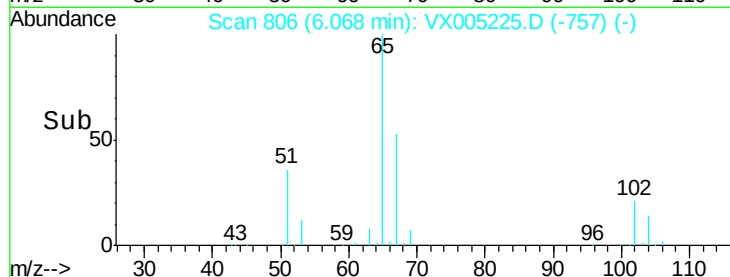
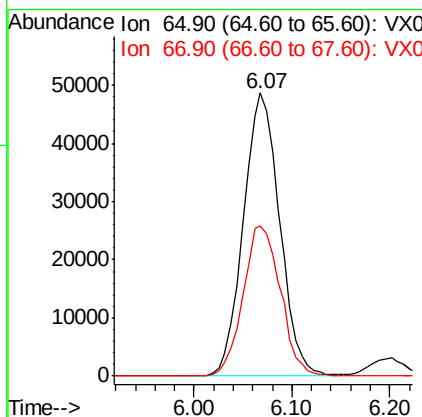
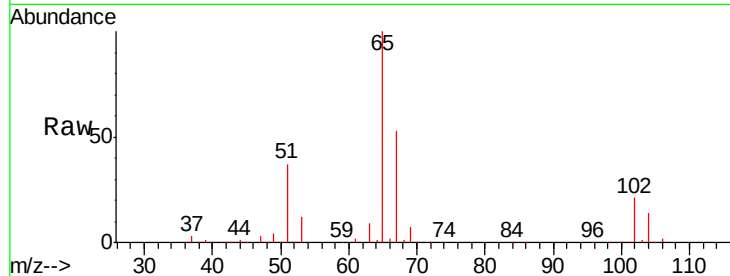
#33
 1,2-Dichloroethane-d4
 Concen: 39.77 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005225.D
 Acq: 10 Oct 2018 23:36

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-109D2-20181005MS

Tgt Ion: 65 Resp: 125704
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 107.4

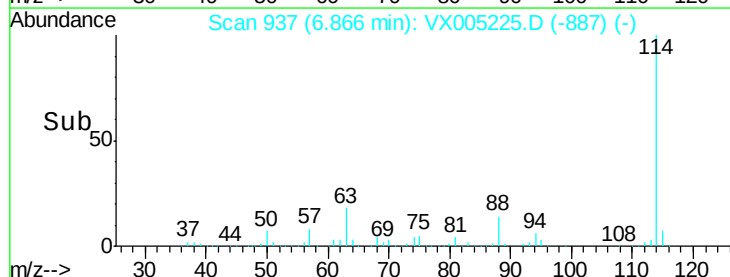
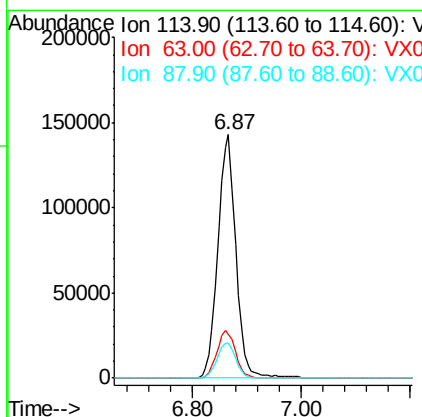
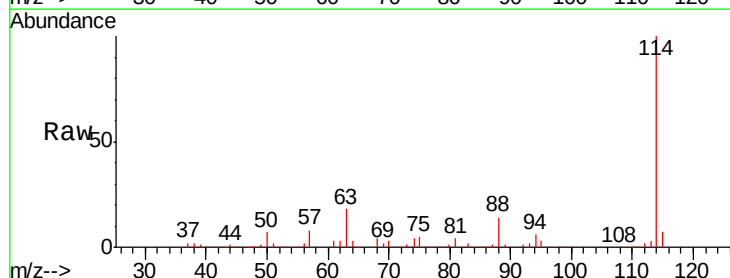
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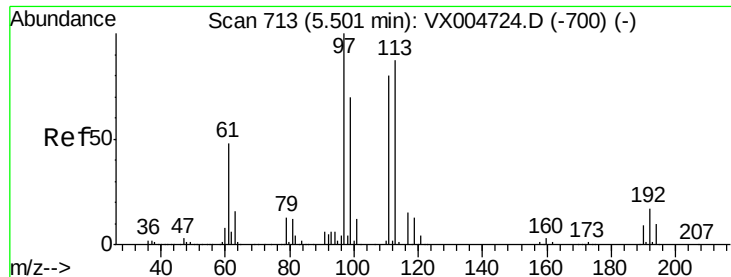
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005225.D
 Acq: 10 Oct 2018 23:36

Tgt Ion: 114 Resp: 329144
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.8
 88 14.2 0.0 27.0





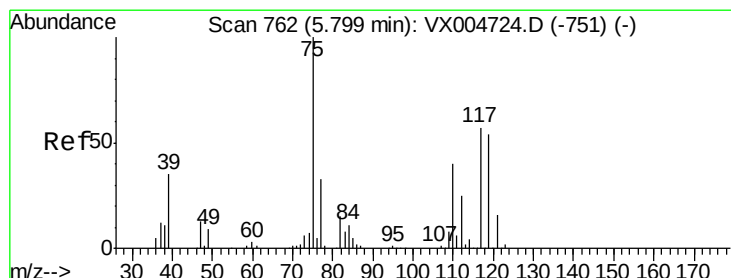
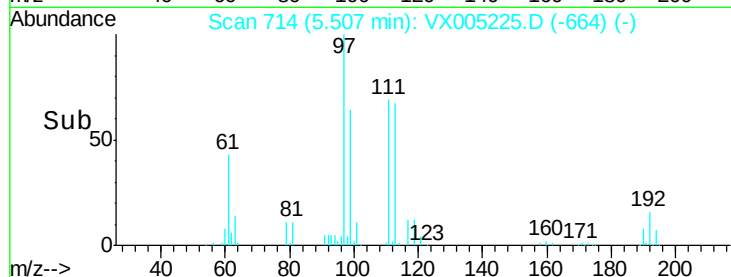
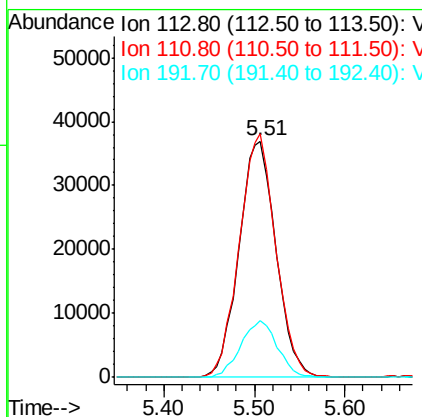
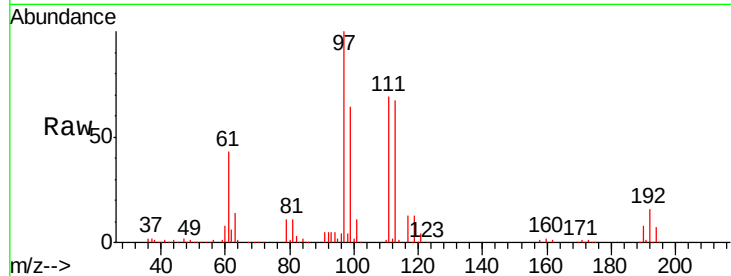
#35
Dibromofluoromethane
Concen: 37.38 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Instrument :
MSVOA_X
ClientSampleId :
RE-109D2-20181005MS

Tgt Ion: 113 Resp: 104272
Ion Ratio Lower Upper
113 100
111 101.5 77.0 115.4
192 23.7 17.0 25.6

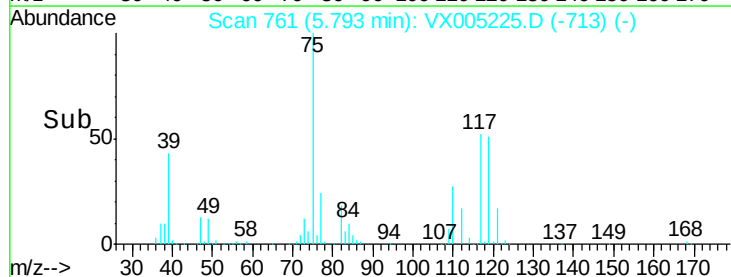
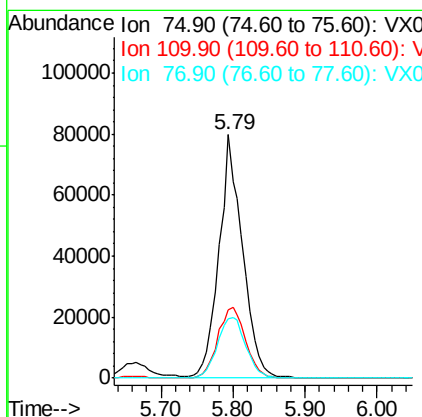
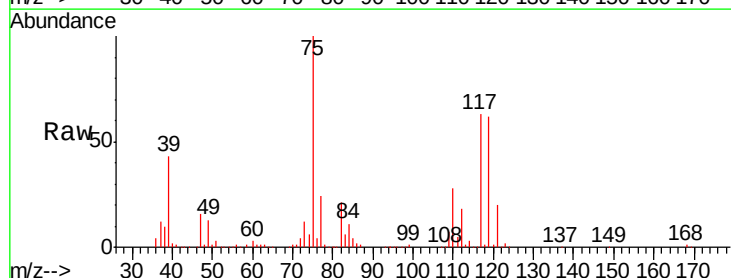
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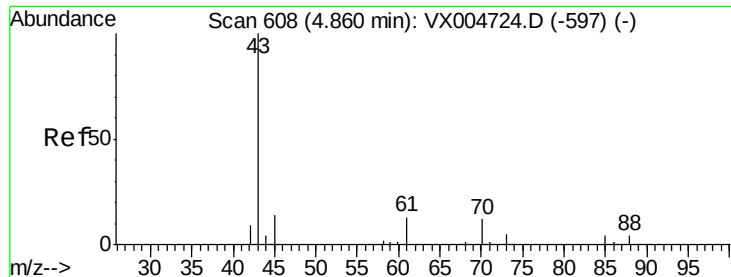
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#36
1,1-Dichloropropene
Concen: 47.57 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.01 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Tgt Ion: 75 Resp: 181039
Ion Ratio Lower Upper
75 100
110 34.3 20.0 59.9
77 30.7 27.1 40.7





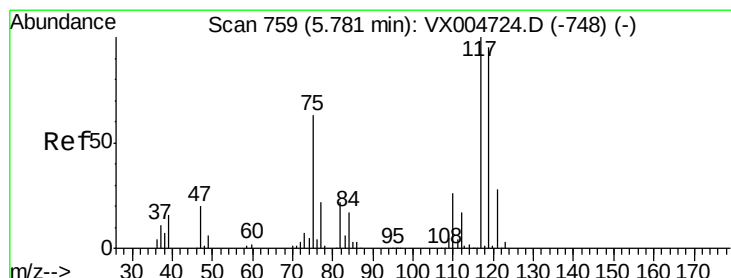
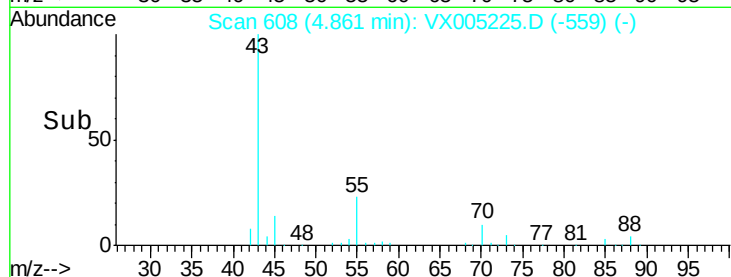
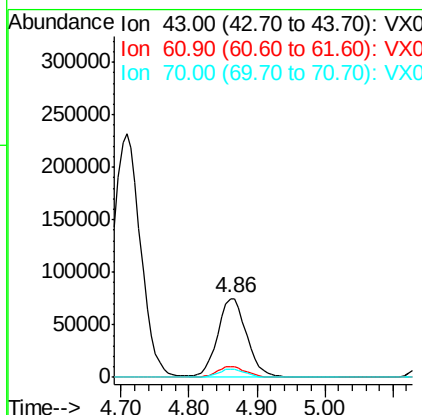
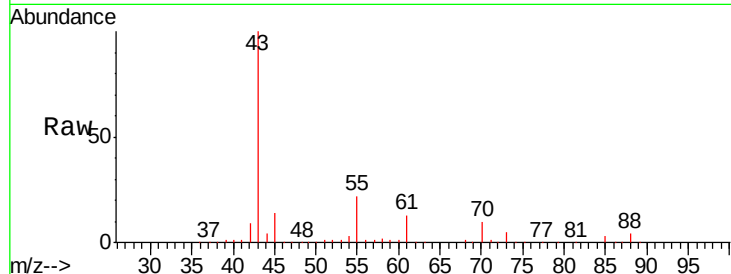
#37
Ethyl Acetate
Concen: 43.91 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Instrument :
MSVOA_X
ClientSampleId :
RE-109D2-20181005MS

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.4	15.6
70	10.2	8.7	13.1

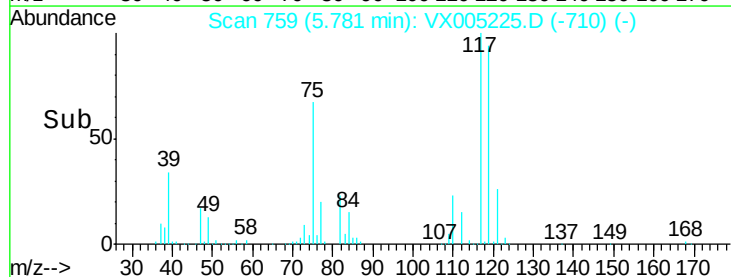
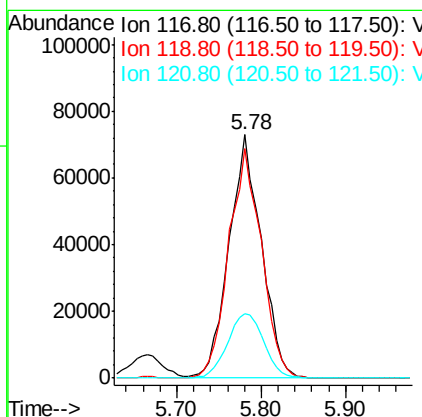
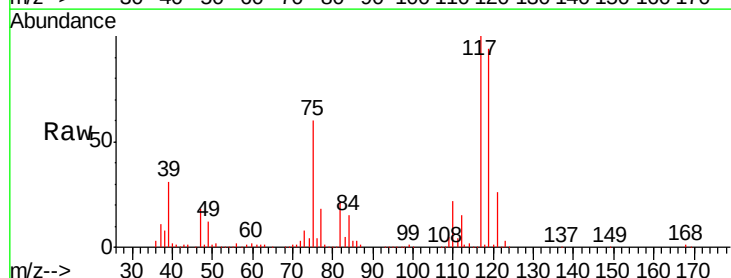
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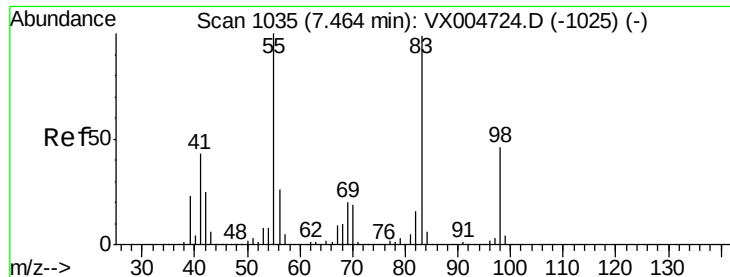
MMDadoda
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#38
Carbon Tetrachloride
Concen: 47.41 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.2	112.8
121	26.4	22.5	33.7





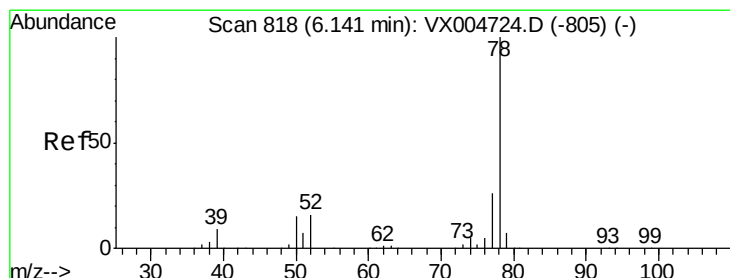
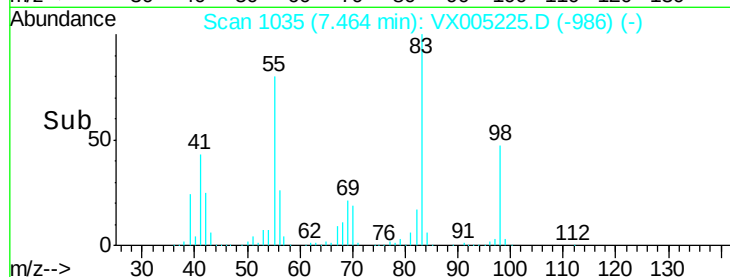
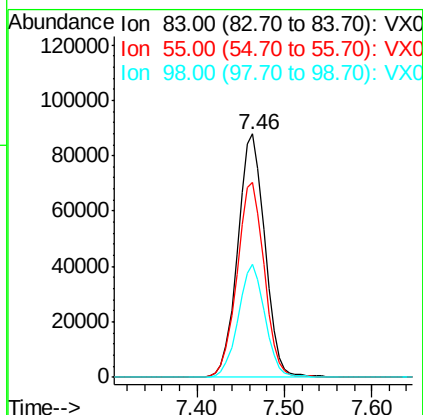
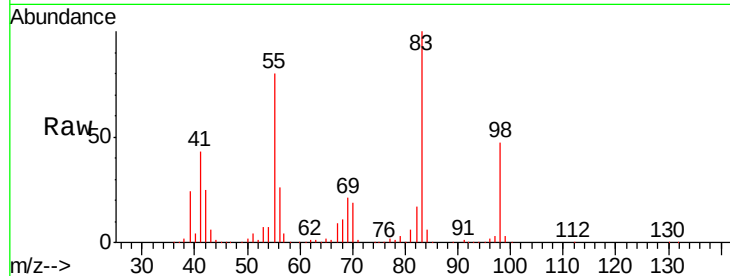
#39
Methylcyclohexane
Concen: 48.94 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Instrument :
MSVOA_X
ClientSampleId :
RE-109D2-20181005MS

Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.0	81.1	121.7#
98	46.6	37.3	55.9

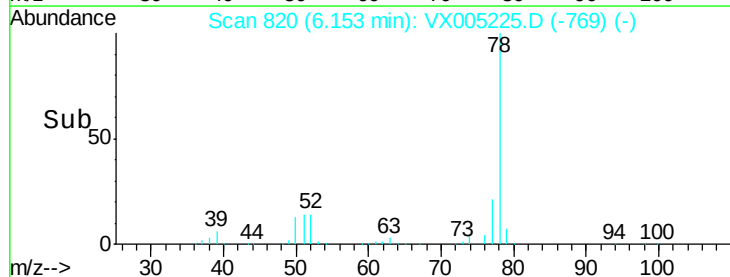
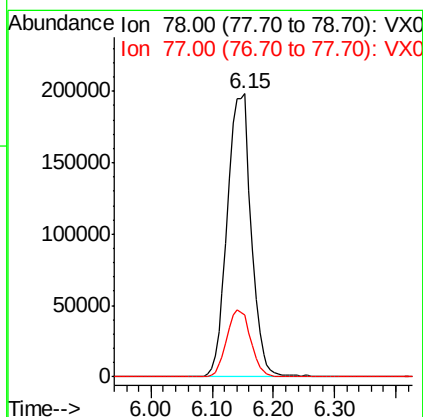
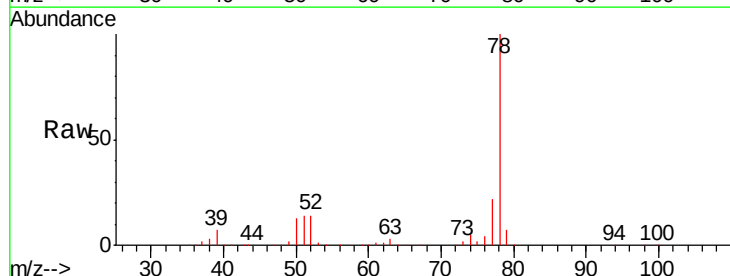
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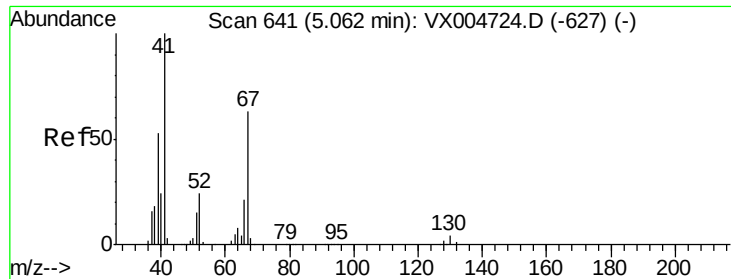
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#40
Benzene
Concen: 44.94 ug/l
RT: 6.15 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.0	21.0	31.4





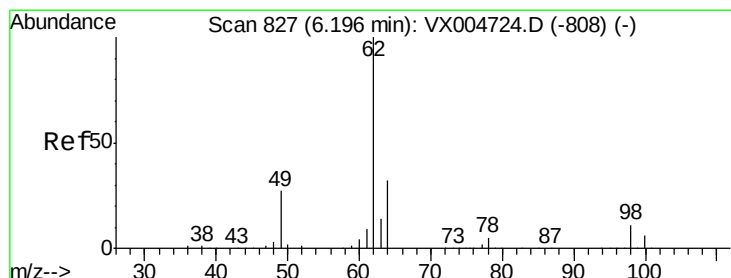
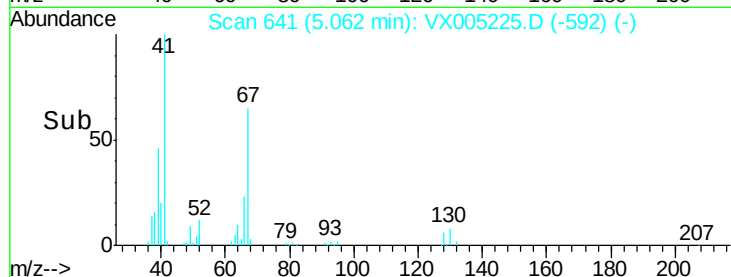
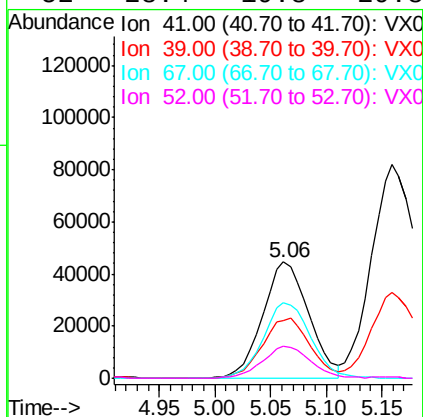
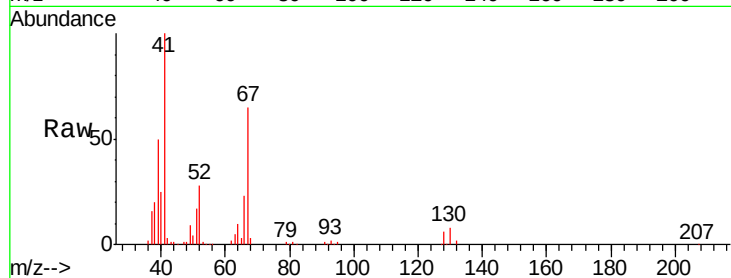
#41
Methacrylonitrile
Concen: 45.77 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Instrument :
MSVOA_X
ClientSampleId :
RE-109D2-20181005MS

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.1	42.5	63.7	
67	67.6	53.0	79.6	
52	28.4	19.8	29.8	

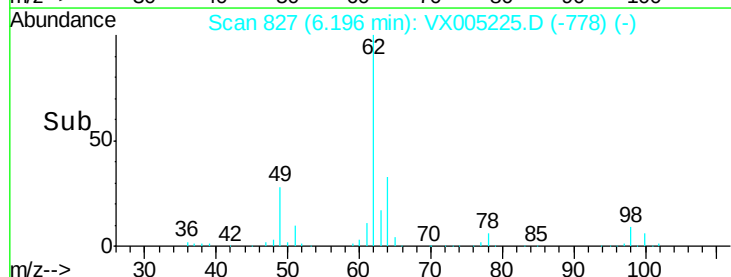
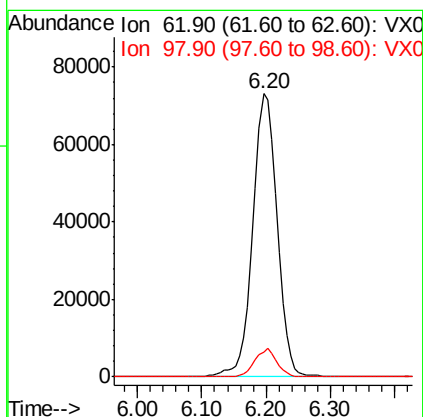
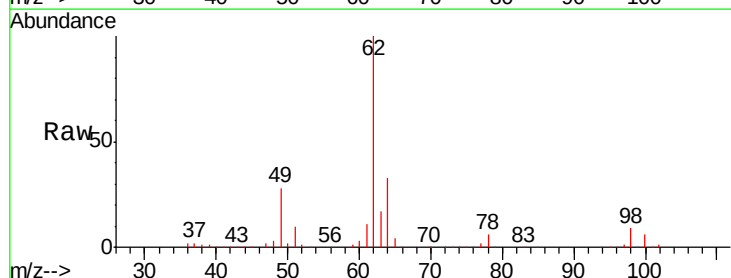
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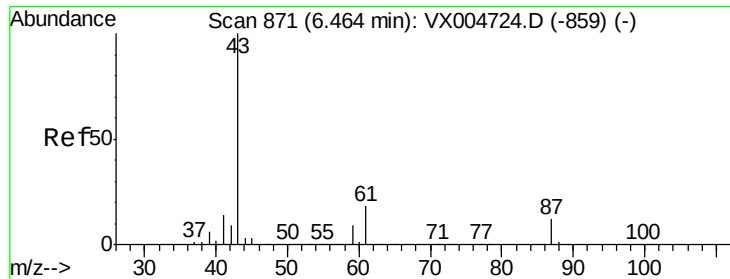
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#42
1,2-Dichloroethane
Concen: 44.92 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	20.2	





#43

Isopropyl Acetate

Concen: 45.53 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Instrument :

MSVOA_X

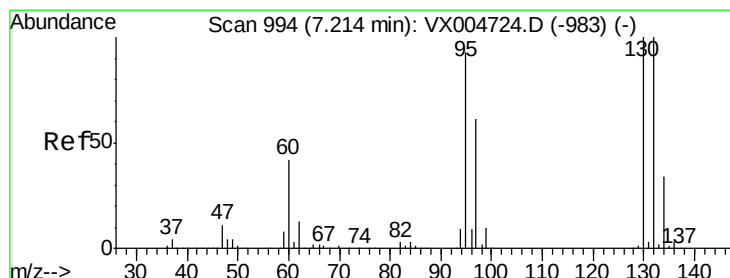
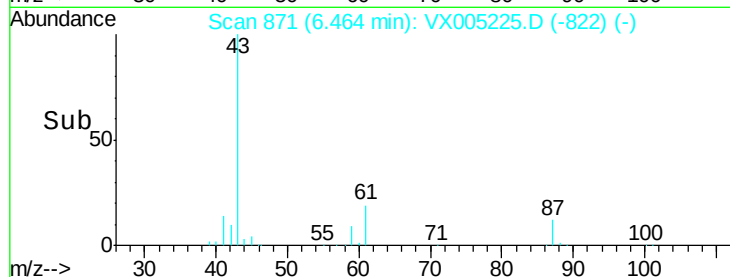
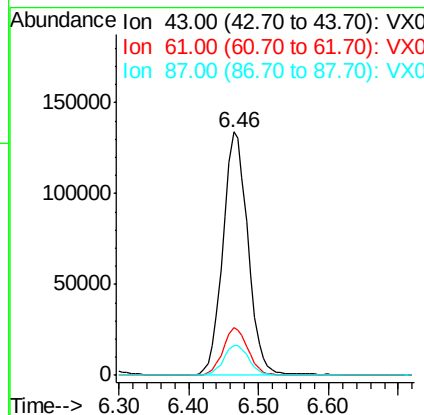
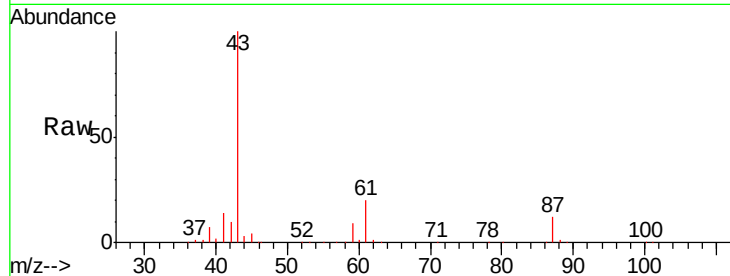
ClientSampleId :

RE-109D2-20181005MS

Tgt Ion:	43	Resp:	331997
Ion	Ratio	Lower	Upper
43	100		
61	19.8	14.2	21.4
87	12.7	9.3	13.9

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#44

Trichloroethene

Concen: 73.66 ug/l

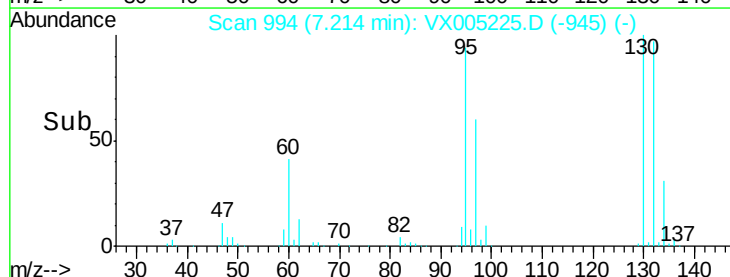
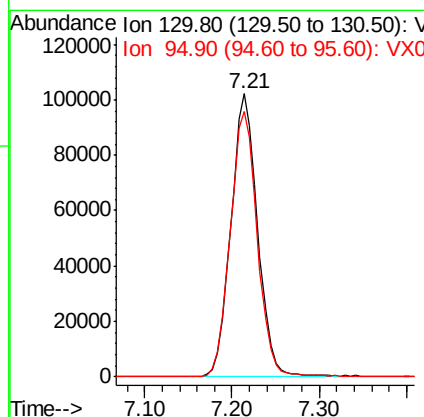
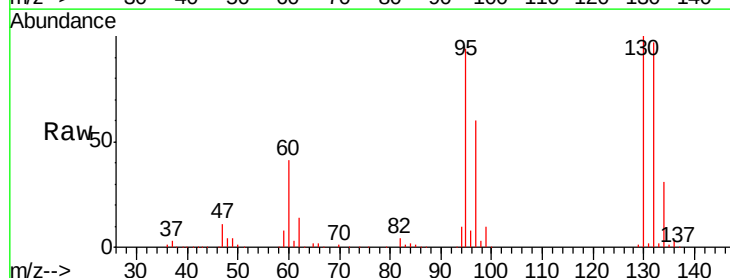
RT: 7.21 min Scan# 994

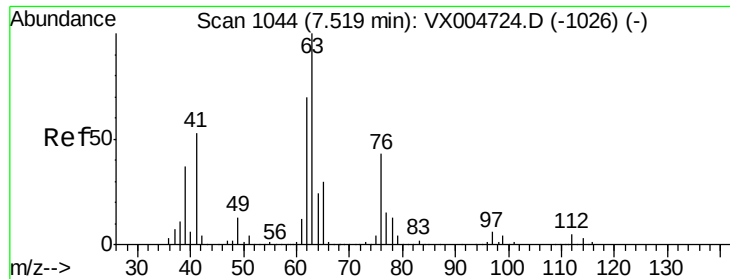
Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Tgt Ion:	130	Resp:	215757
Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	186.8





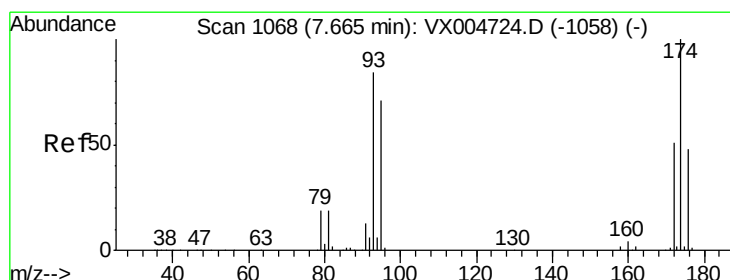
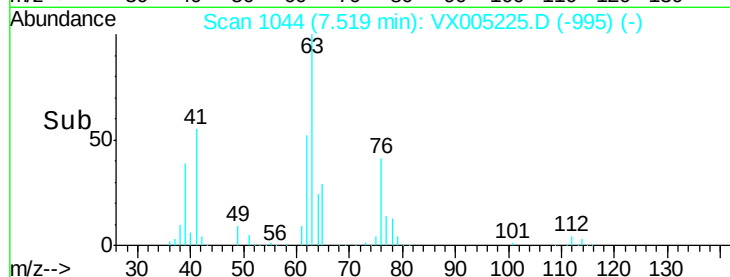
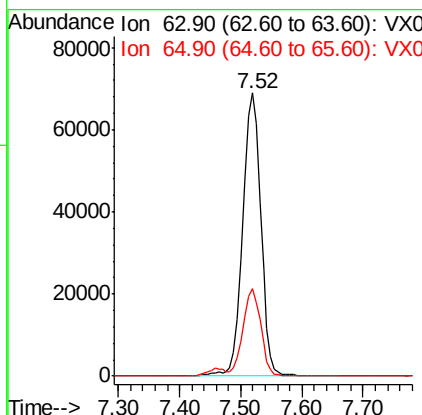
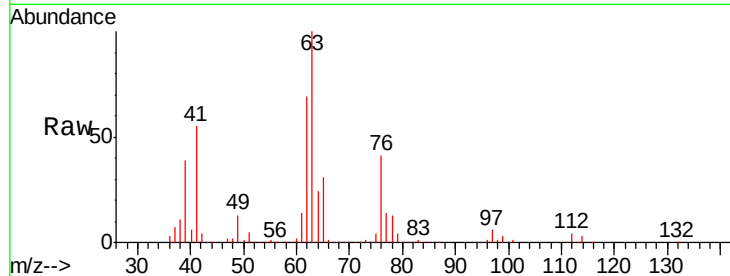
#45
 1,2-Dichloropropane
 Concen: 48.46 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005225.D
 Acq: 10 Oct 2018 23:36

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-109D2-20181005MS

Tgt Ion: 63 Resp: 141610
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.9 35.9

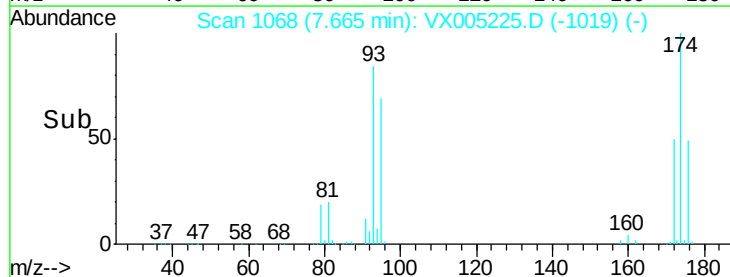
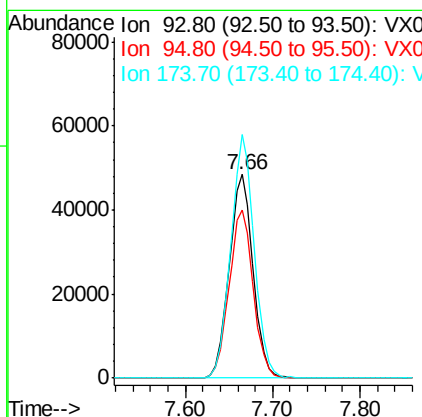
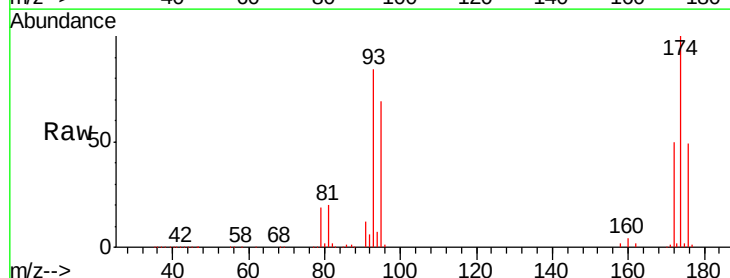
Manual Integrations
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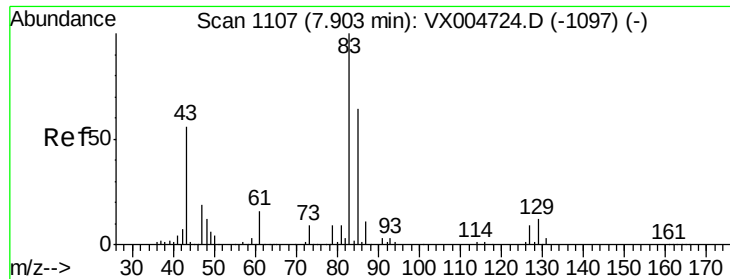
MMDadoda
 10/12/2018 11:45:01 AM



#46
 Dibromomethane
 Concen: 50.03 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005225.D
 Acq: 10 Oct 2018 23:36

Tgt Ion: 93 Resp: 91867
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.7 100.1
 174 117.6 92.7 139.1





#47

Bromodichloromethane

Concen: 51.94 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Instrument :

MSVOA_X

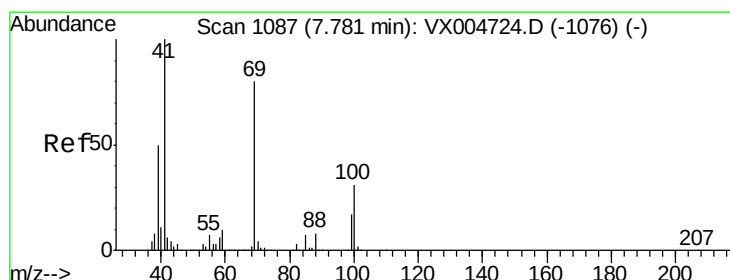
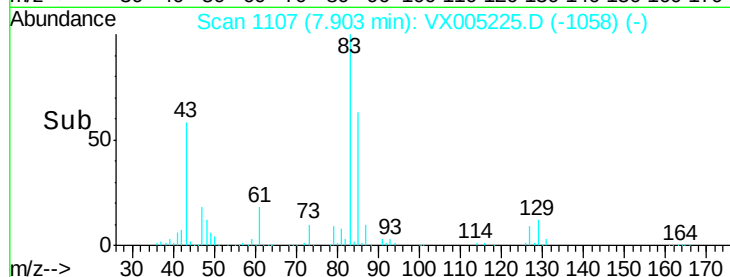
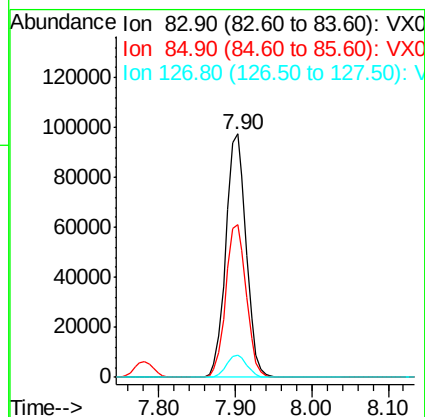
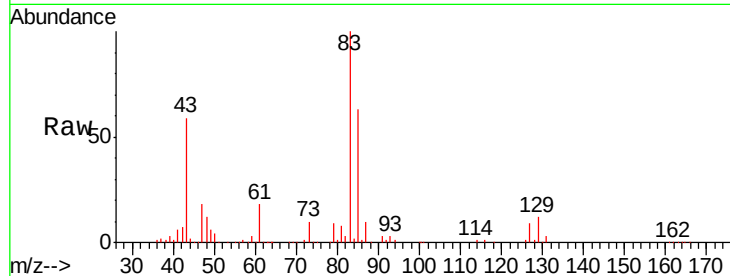
ClientSampleId :

RE-109D2-20181005MS

Tgt Ion:	83	Resp:	178575
Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.2	76.8
127	8.9	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.29 ug/l

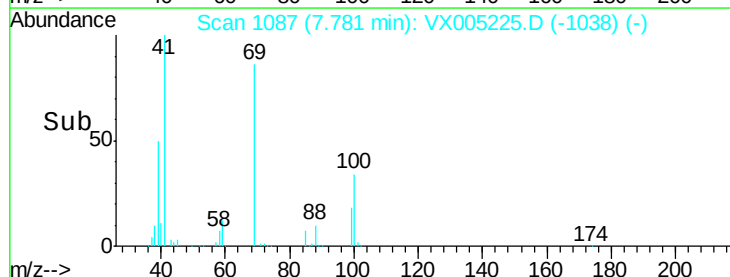
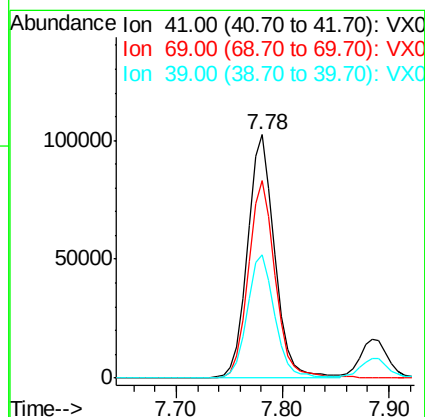
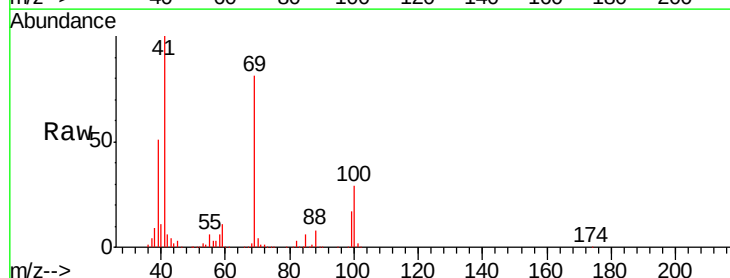
RT: 7.78 min Scan# 1087

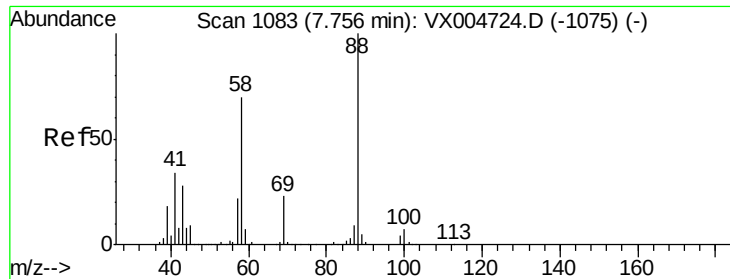
Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Tgt Ion:	41	Resp:	182989
Ion	Ratio	Lower	Upper
41	100		
69	81.1	63.8	95.6
39	51.3	40.7	61.1





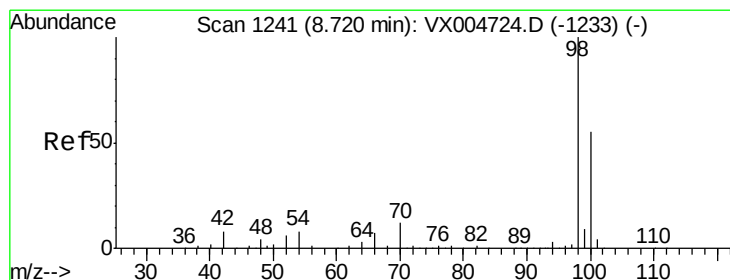
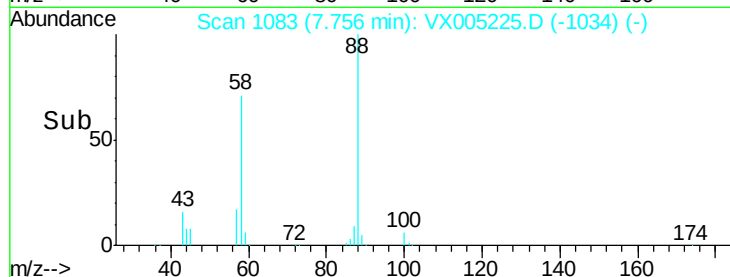
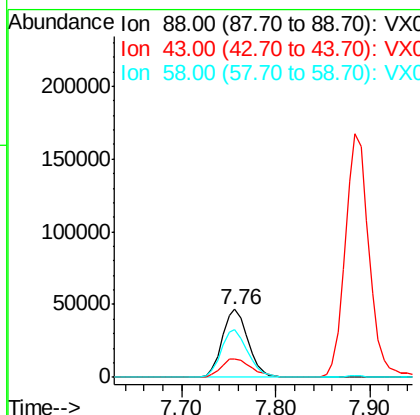
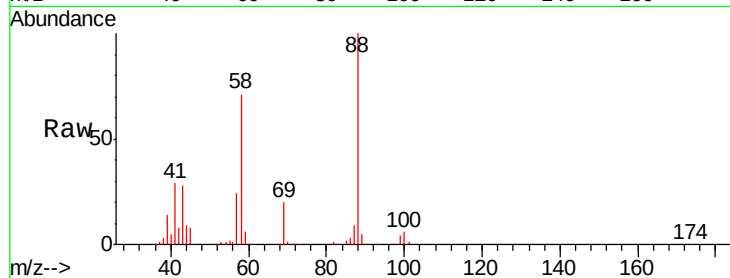
#49
1,4-Dioxane
Concen: 1084.50 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Instrument :
MSVOA_X
ClientSampleId :
RE-109D2-20181005MS

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.7	25.1	37.7
58	72.7	56.2	84.2

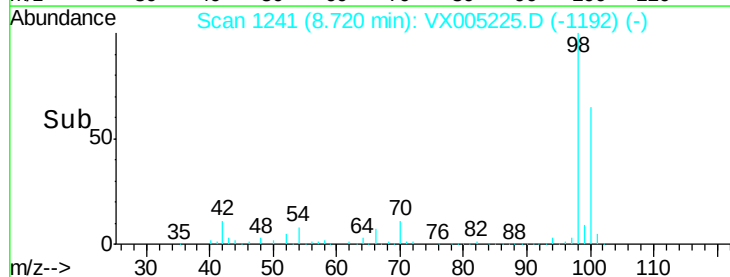
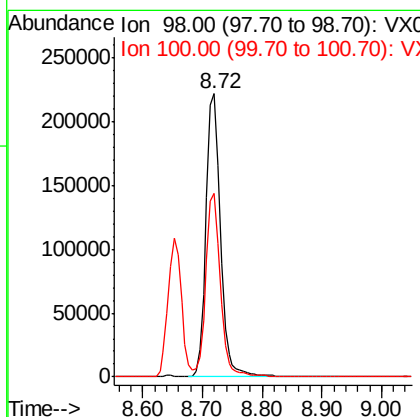
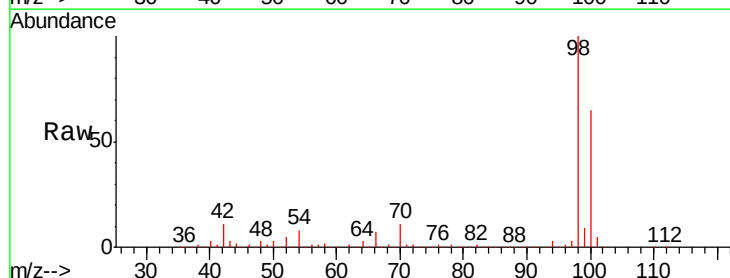
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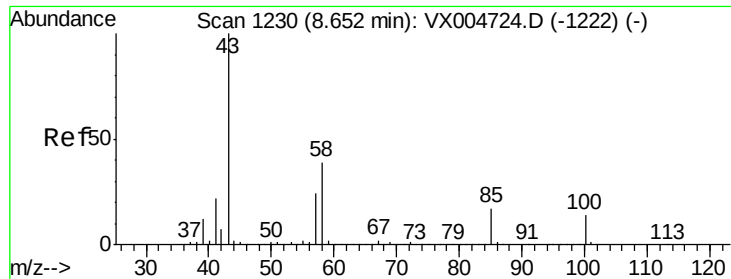
MMDadoda
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#50
Toluene-d8
Concen: 40.29 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.9	77.9





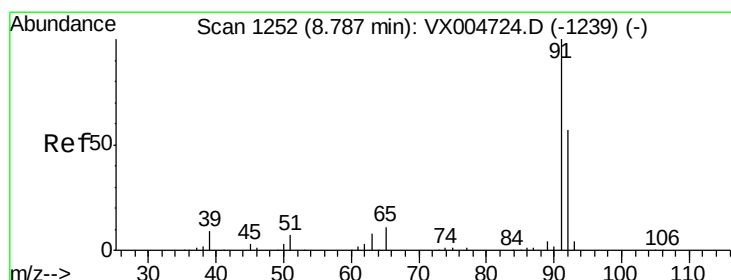
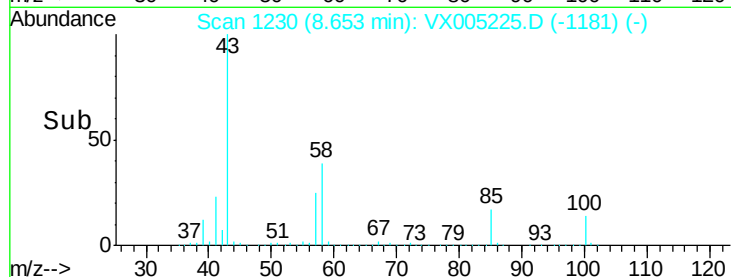
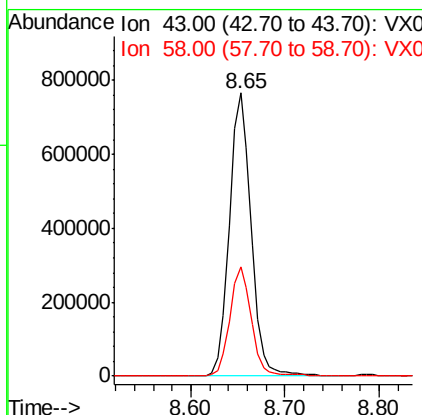
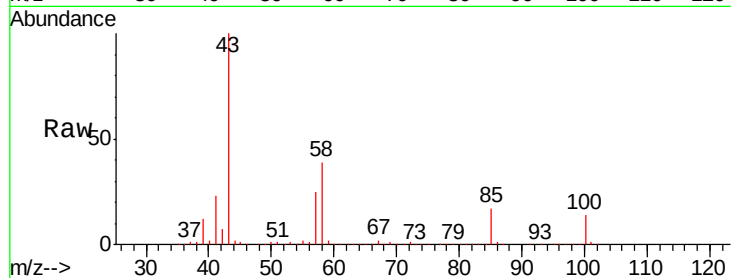
#51
4-Methyl-2-Pentanone
Concen: 267.17 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Instrument :
MSVOA_X
ClientSampleId :
RE-109D2-20181005MS

Tgt Ion: 43 Resp: 1226637
Ion Ratio Lower Upper
43 100
58 38.5 30.5 45.7

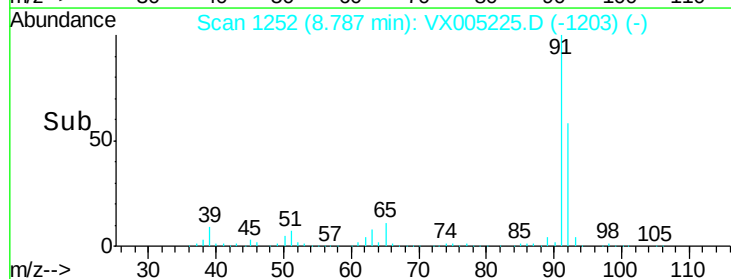
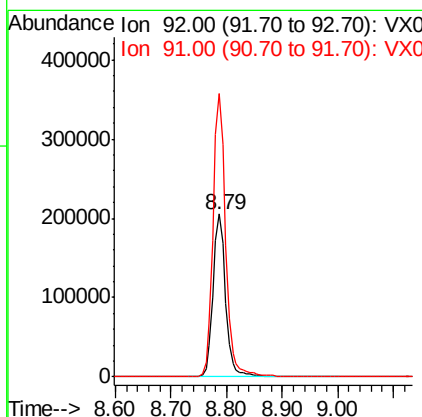
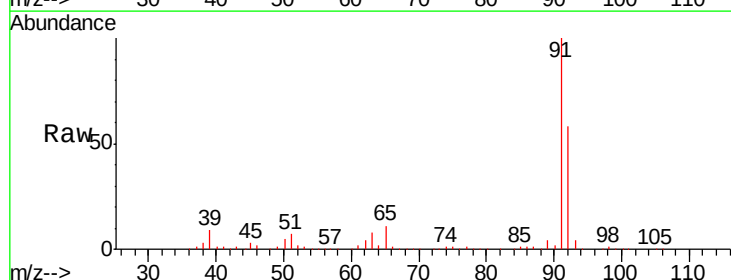
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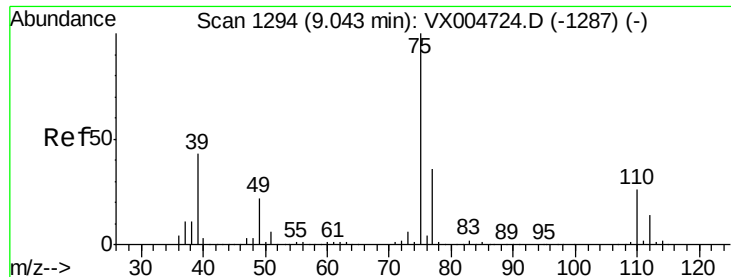
MMDadoda
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#52
Toluene
Concen: 49.87 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Tgt Ion: 92 Resp: 326500
Ion Ratio Lower Upper
92 100
91 174.5 136.7 205.1





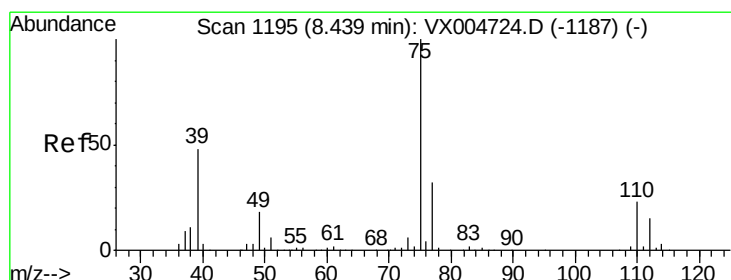
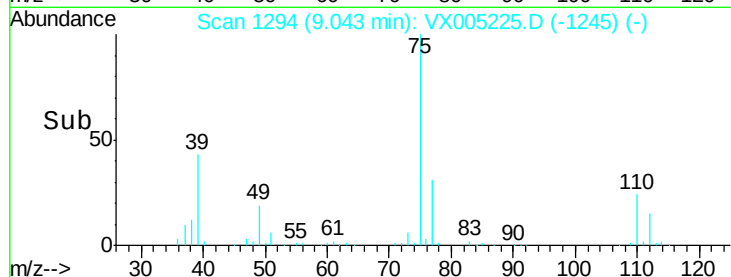
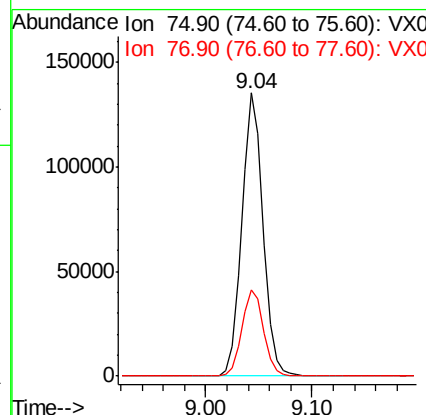
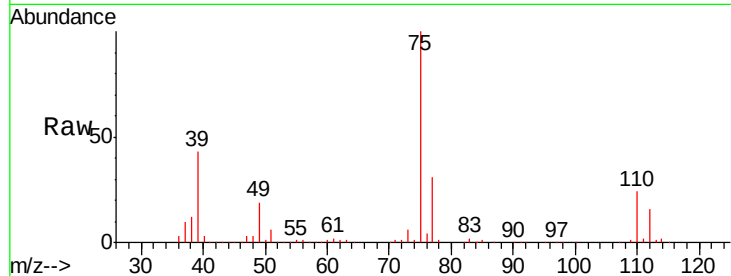
#53
t-1,3-Dichloropropene
Concen: 48.66 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Instrument :
MSVOA_X
ClientSampleId :
RE-109D2-20181005MS

Tgt Ion: 75 Resp: 189073
Ion Ratio Lower Upper
75 100
77 30.6 28.9 43.3

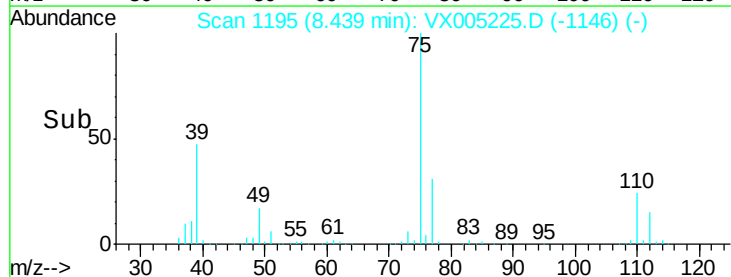
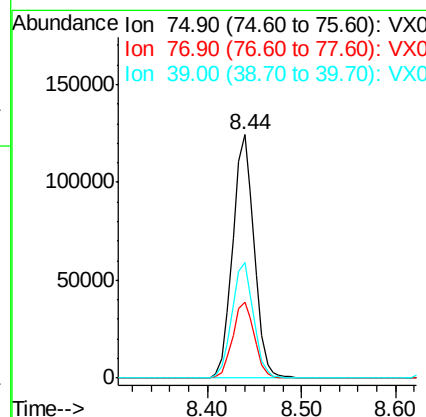
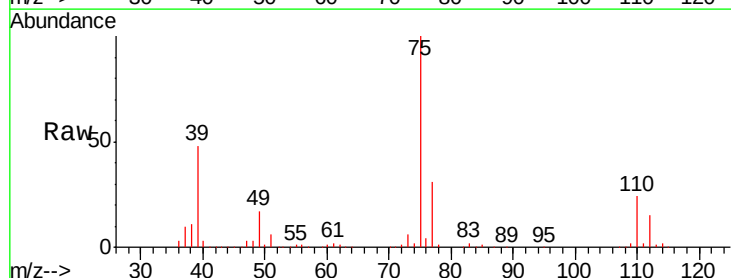
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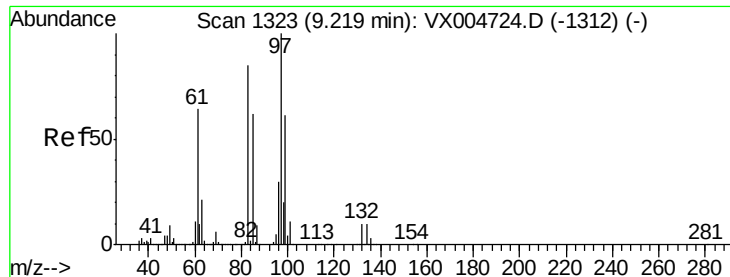
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 48.37 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Tgt Ion: 75 Resp: 196857
Ion Ratio Lower Upper
75 100
77 31.0 25.7 38.5
39 47.4 38.3 57.5





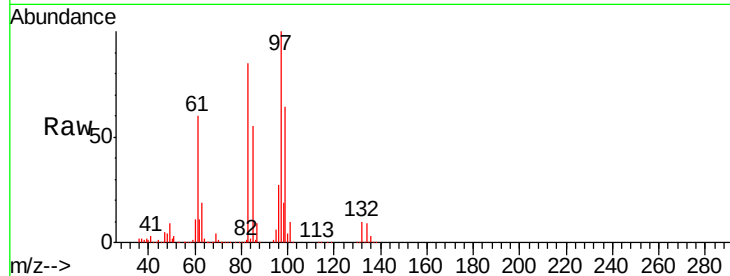
#55
 1,1,2-Trichloroethane
 Concen: 47.92 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005225.D
 Acq: 10 Oct 2018 23:36

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-109D2-20181005MS

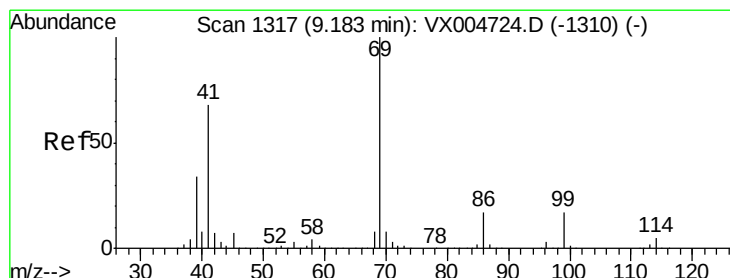
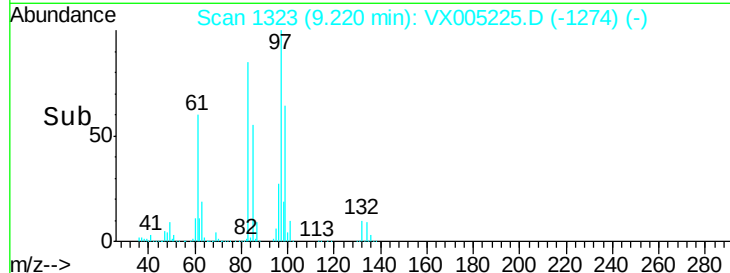
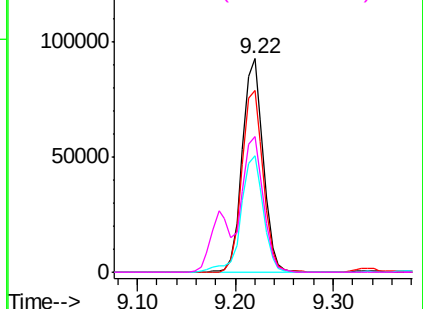
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.4	68.2	102.2
85	54.7	49.9	74.9
99	63.7	48.9	73.3

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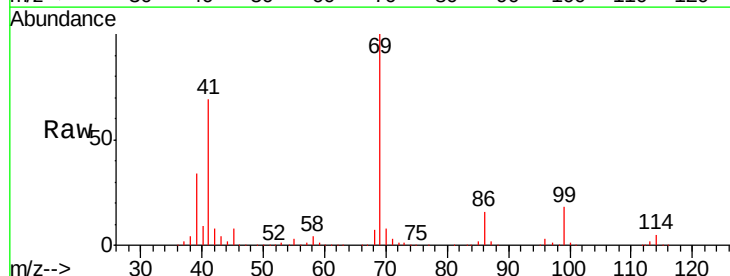


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

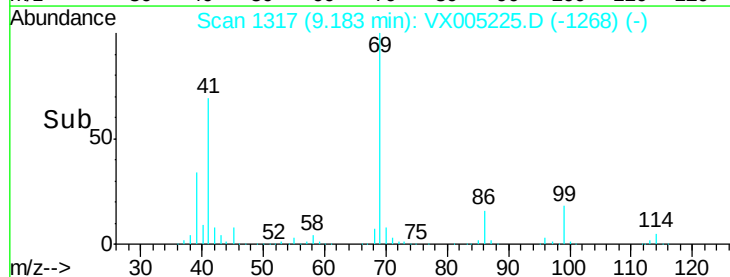
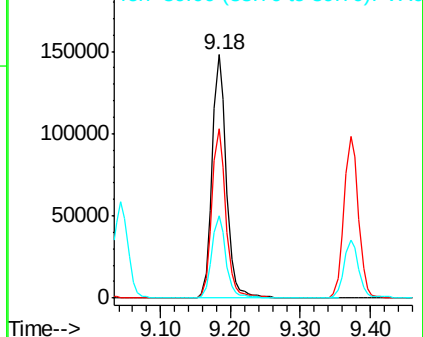


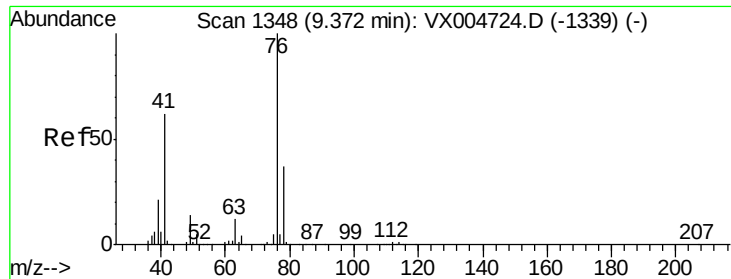
#56
 Ethyl methacrylate
 Concen: 45.30 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005225.D
 Acq: 10 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.1	56.9	85.3
39	33.9	28.4	42.6



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





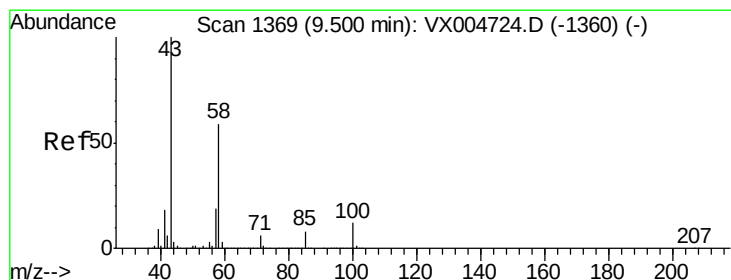
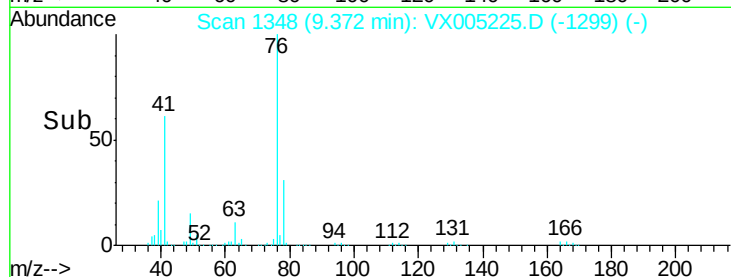
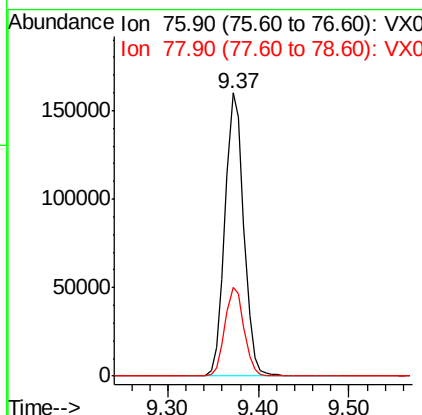
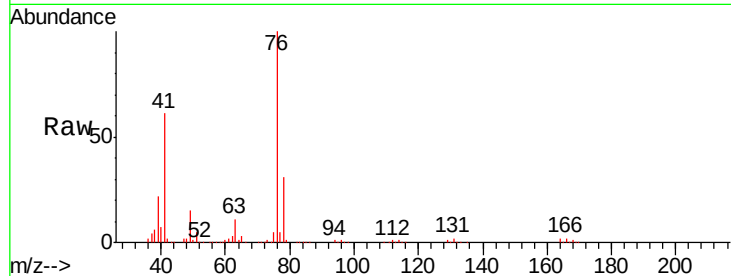
#57
 1,3-Dichloropropane
 Concen: 48.40 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005225.D
 Acq: 10 Oct 2018 23:36

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-109D2-20181005MS

Tgt Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.6	40.0

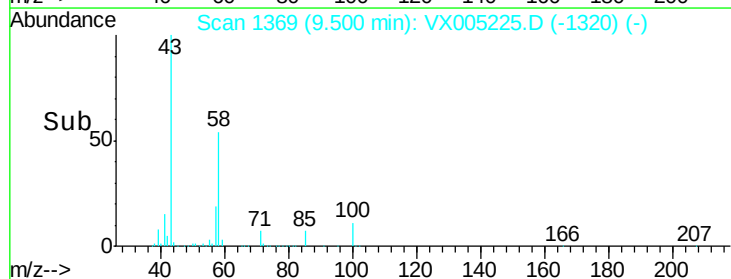
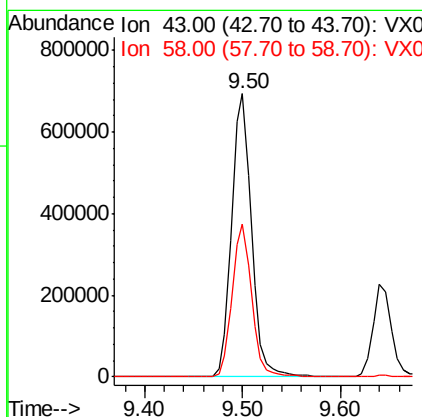
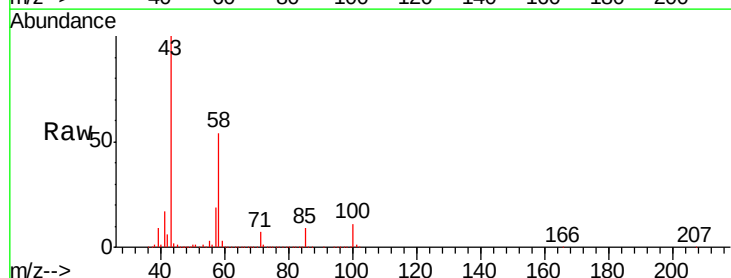
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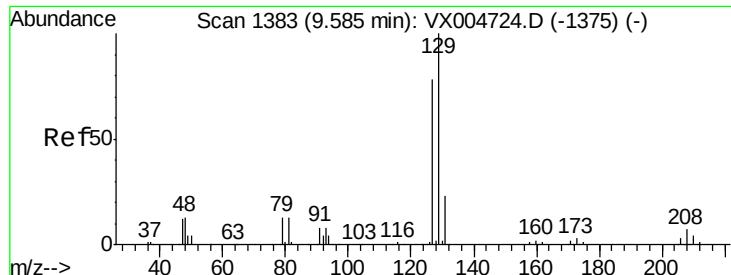
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#59
 2-Hexanone
 Concen: 255.80 ug/l
 RT: 9.50 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VX005225.D
 Acq: 10 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
43	100		
58	53.3	28.4	85.3





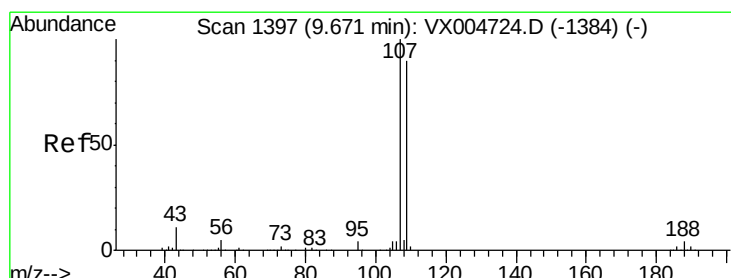
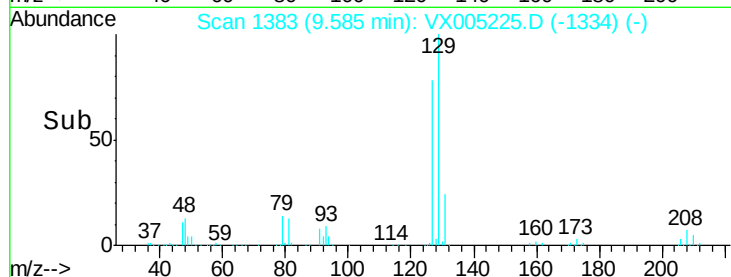
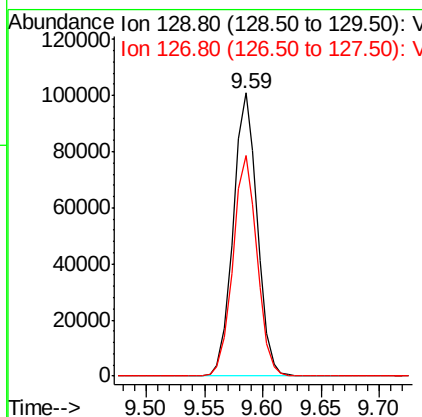
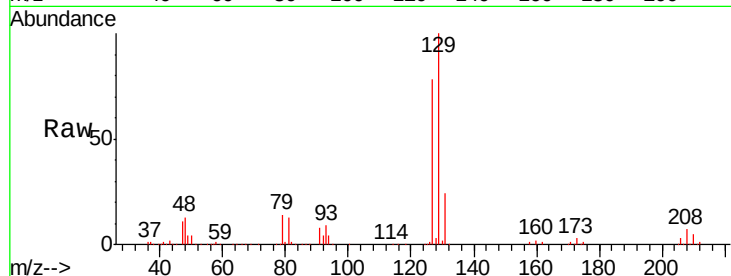
#60
Dibromochloromethane
Concen: 50.59 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Instrument :
MSVOA_X
ClientSampleId :
RE-109D2-20181005MS

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.0	39.1	117.2

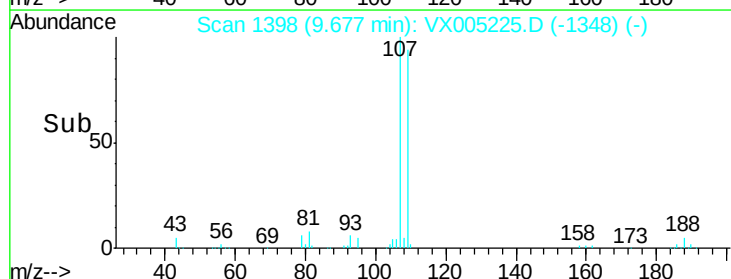
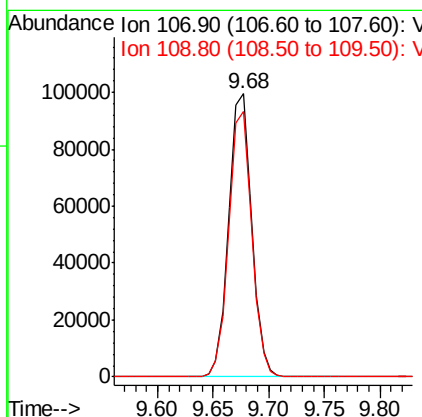
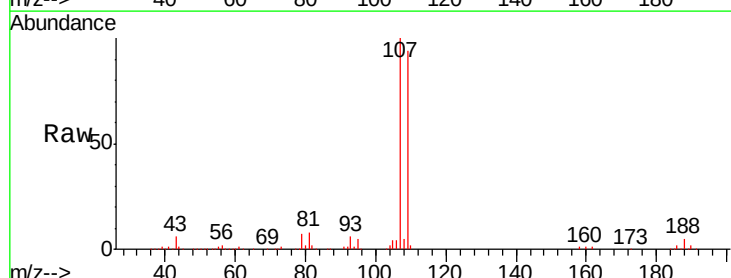
Manual Integrations
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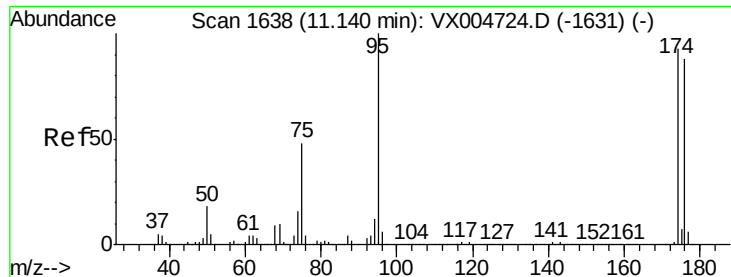
MMDadoda
10/12/2018 11:45:01 AM



#61
1,2-Dibromoethane
Concen: 46.43 ug/l
RT: 9.68 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.0	72.1	108.1





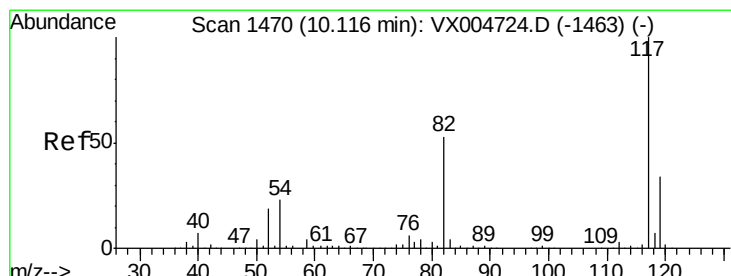
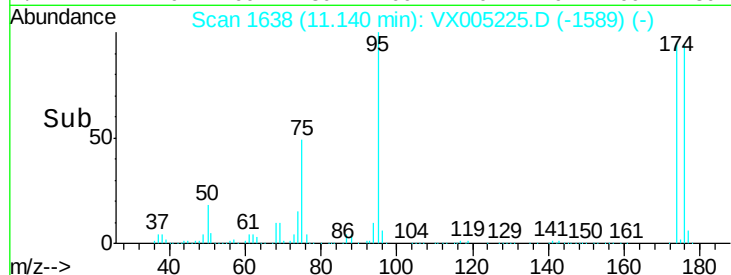
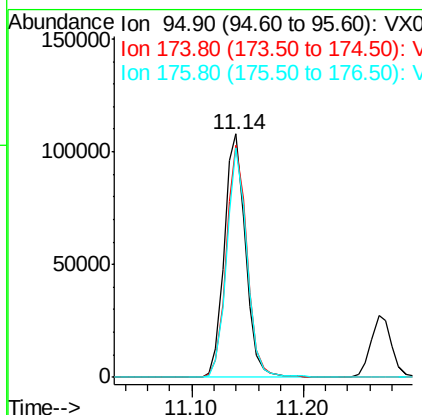
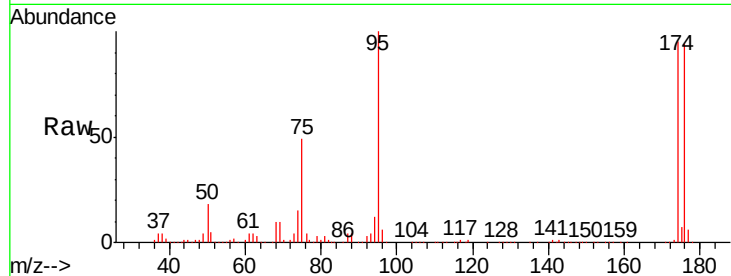
#62
4-Bromofluorobenzene
Concen: 42.48 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Instrument :
MSVOA_X
ClientSampleId :
RE-109D2-20181005MS

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	141922		
174	93.0	0.0	185.0	
176	90.1	0.0	180.2	

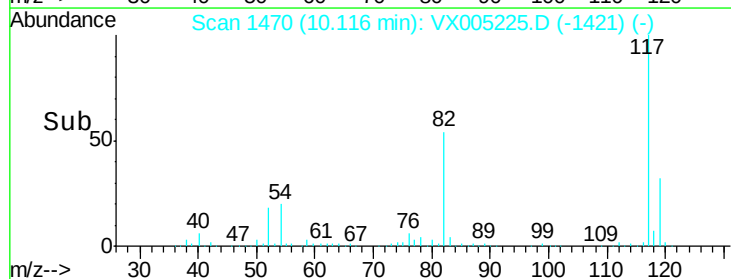
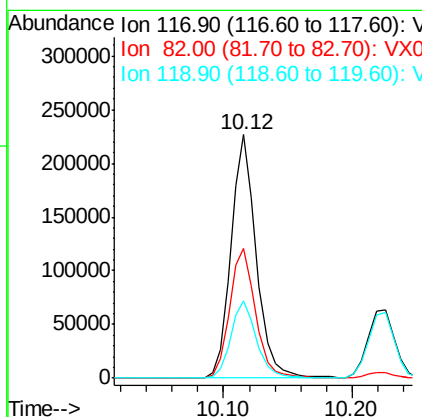
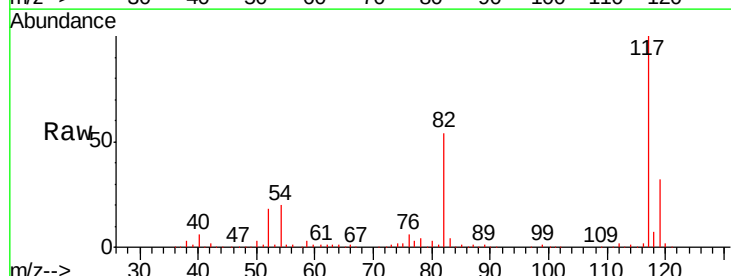
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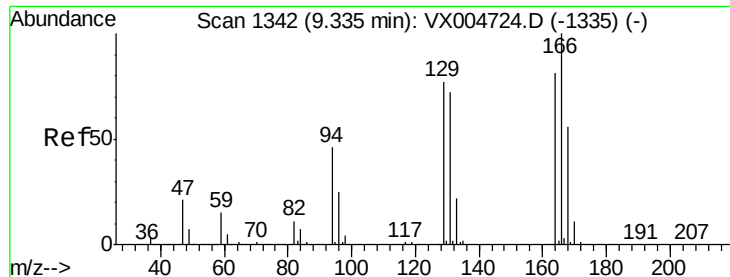
MMDadoda
10/12/2018 11:45:01 AM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	311195		
82	53.5	42.2	63.4	
119	31.7	27.4	41.0	





#64

Tetrachloroethene

Concen: 45.59 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Instrument :

MSVOA_X

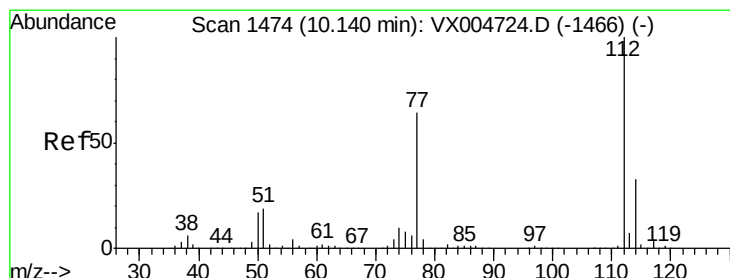
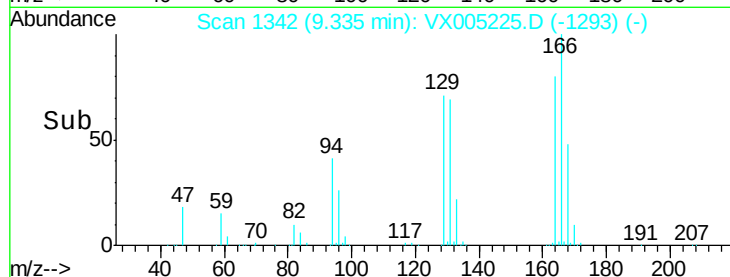
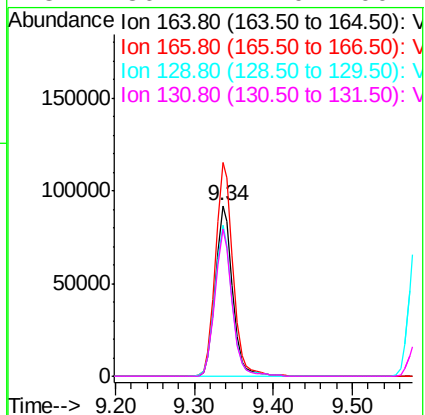
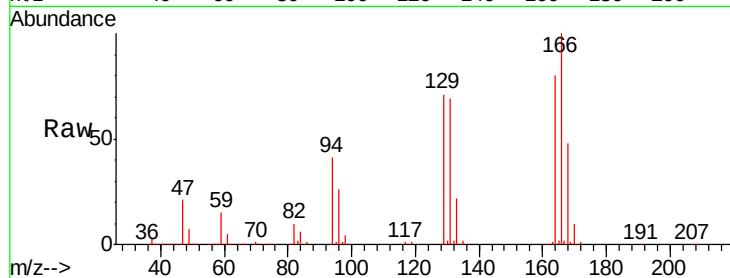
ClientSampleId :

RE-109D2-20181005MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	125.1	98.4	147.6	
129	88.5	76.1	114.1	
131	86.2	71.0	106.4	

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#65

Chlorobenzene

Concen: 46.15 ug/l

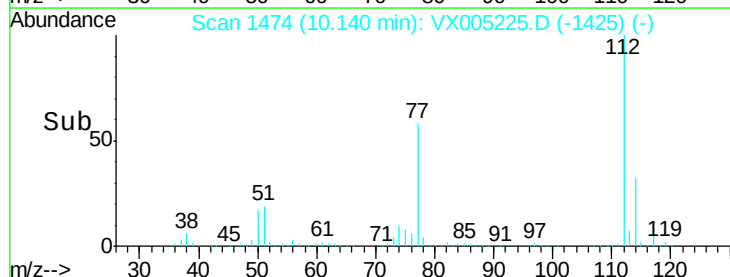
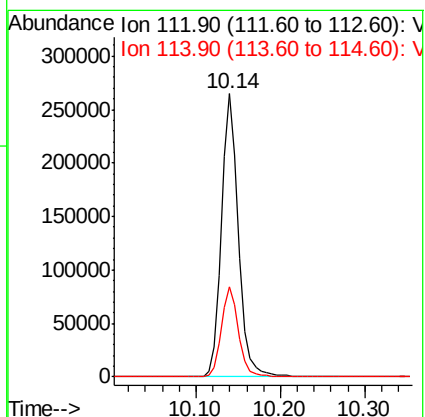
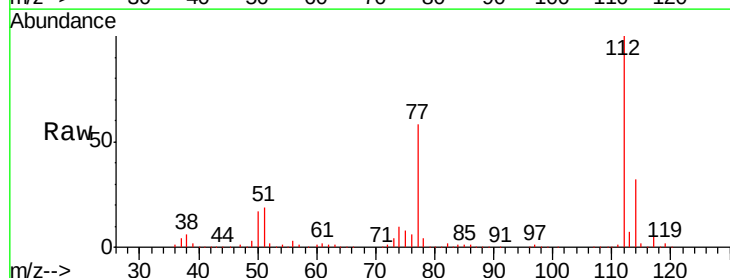
RT: 10.14 min Scan# 1474

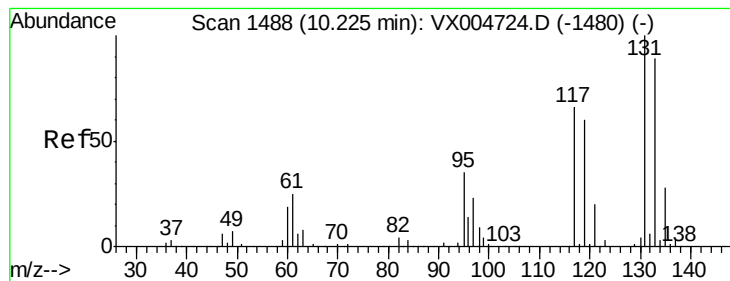
Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	31.9	26.7	40.1	





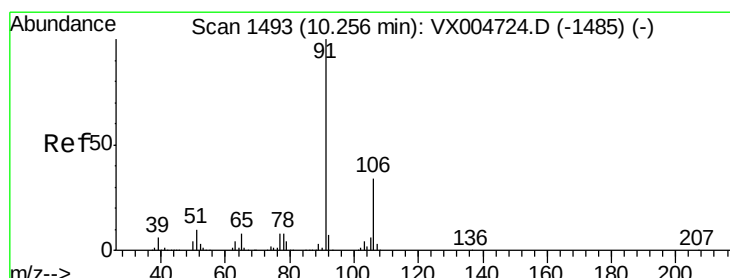
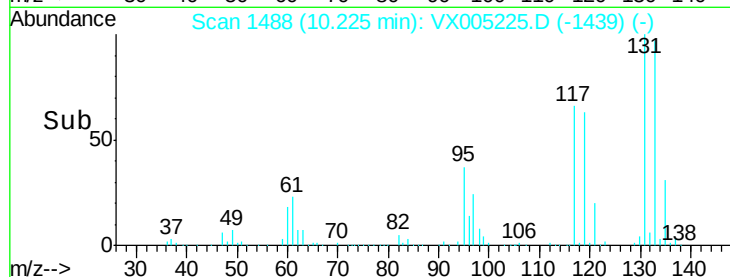
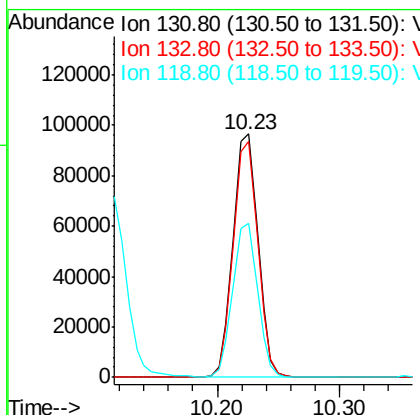
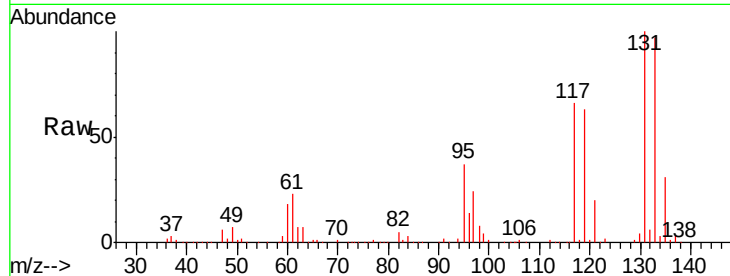
#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.65 ug/l
 RT: 10.23 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: VX005225.D
 Acq: 10 Oct 2018 23:36

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-109D2-20181005MS

Tgt Ion: 131 Resp: 136473
 Ion Ratio Lower Upper
 131 100
 133 95.5 48.4 145.0
 119 63.3 32.3 96.8

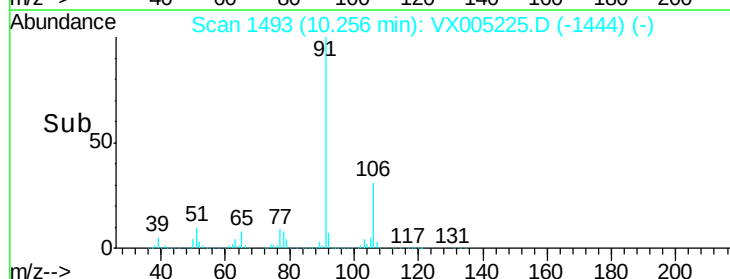
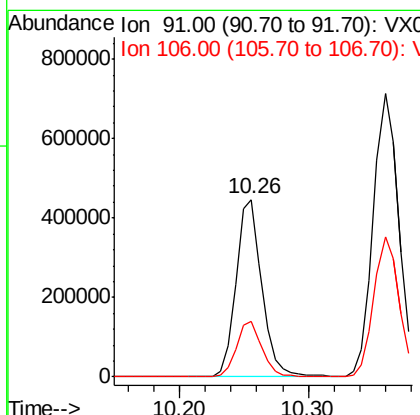
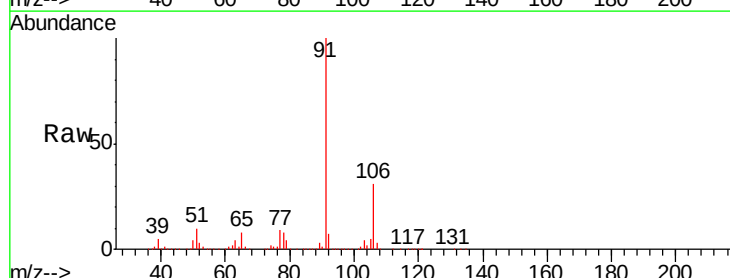
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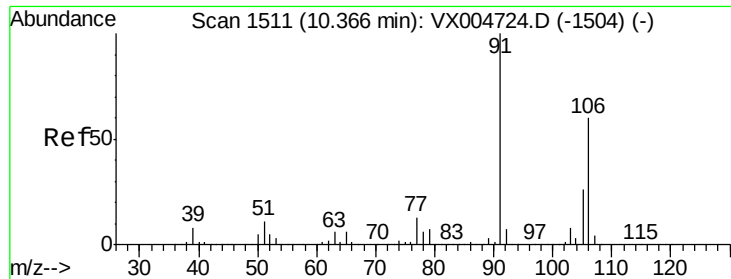
MMDadoda
 10/12/2018 11:45:01 AM



#67
 Ethyl Benzene
 Concen: 49.25 ug/l
 RT: 10.26 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: VX005225.D
 Acq: 10 Oct 2018 23:36

Tgt Ion: 91 Resp: 623907
 Ion Ratio Lower Upper
 91 100
 106 31.5 26.9 40.3





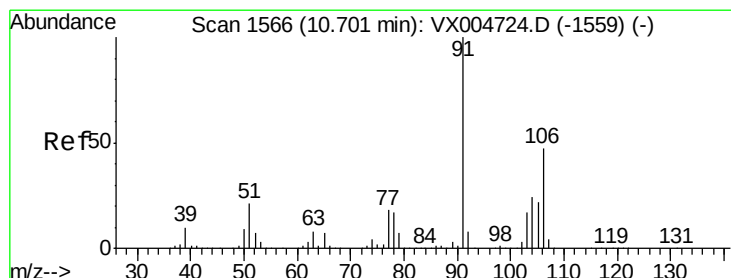
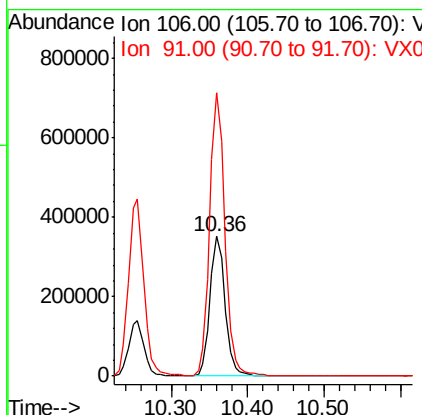
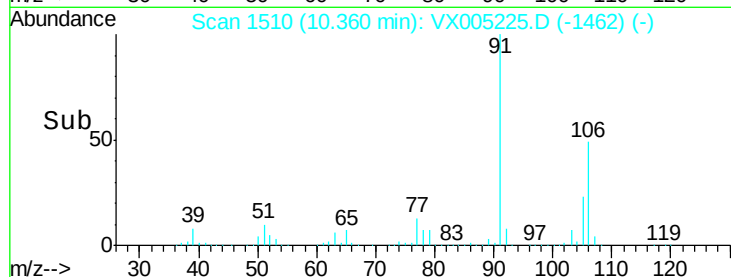
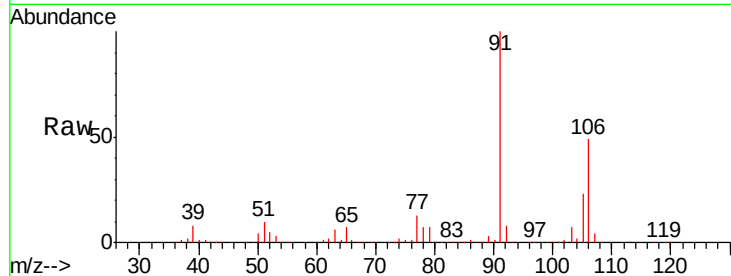
#68
m/p-Xylenes
Concen: 98.73 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Instrument :
MSVOA_X
ClientSampleId :
RE-109D2-20181005MS

Tgt Ion:106 Resp: 488772
Ion Ratio Lower Upper
106 100
91 202.9 157.5 236.3

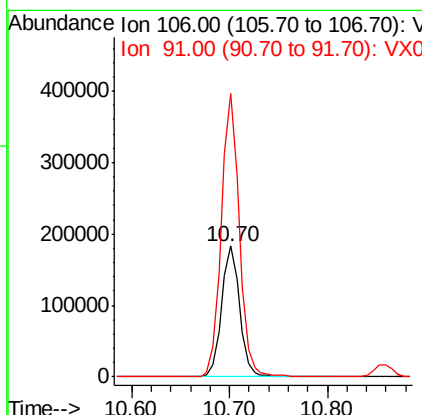
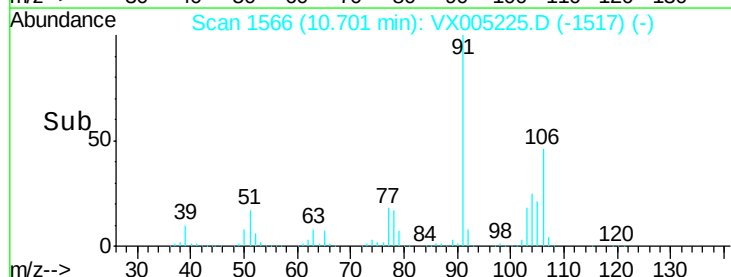
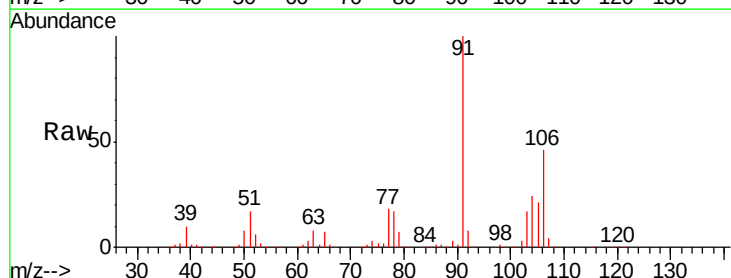
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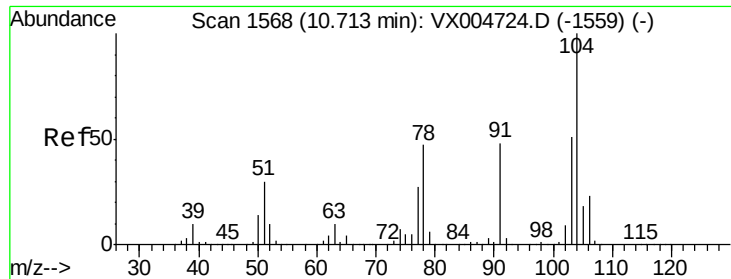
MMDadoda
10/12/2018 11:45:01 AM



#69
o-Xylene
Concen: 51.75 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Tgt Ion:106 Resp: 235326
Ion Ratio Lower Upper
106 100
91 215.7 108.3 324.8





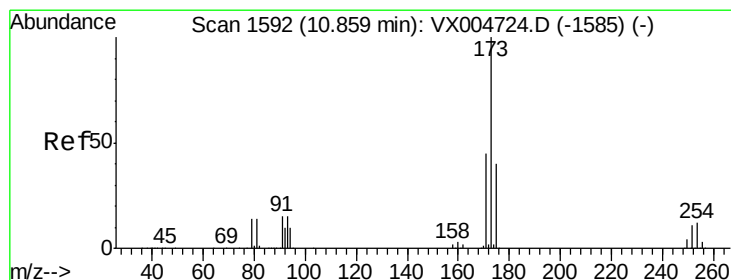
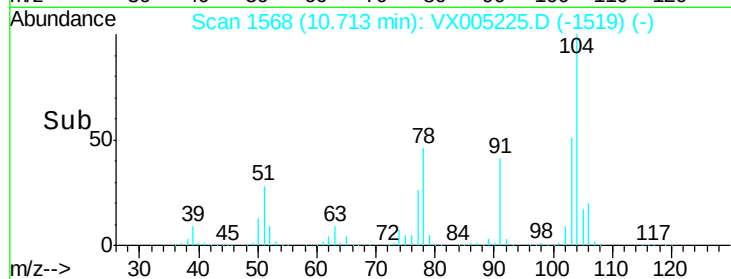
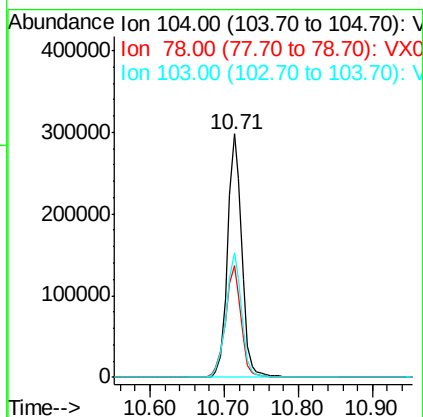
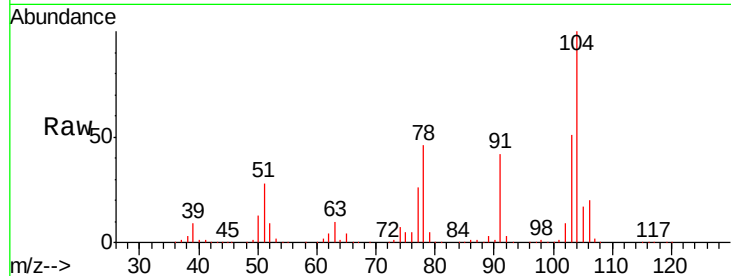
#70
Styrene
Concen: 47.19 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Instrument :
MSVOA_X
ClientSampleId :
RE-109D2-20181005MS

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.0	40.0	60.0
103	55.4	44.3	66.5

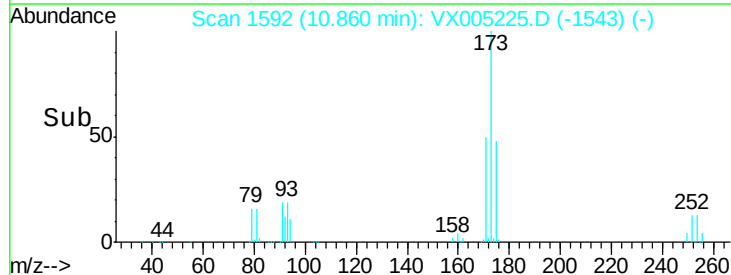
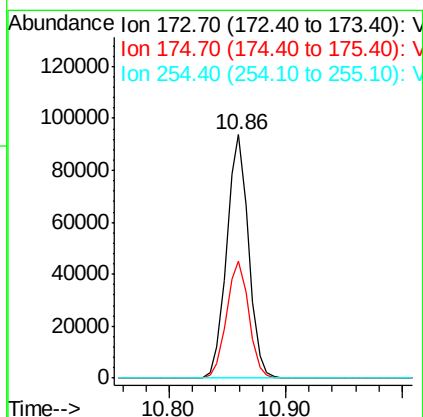
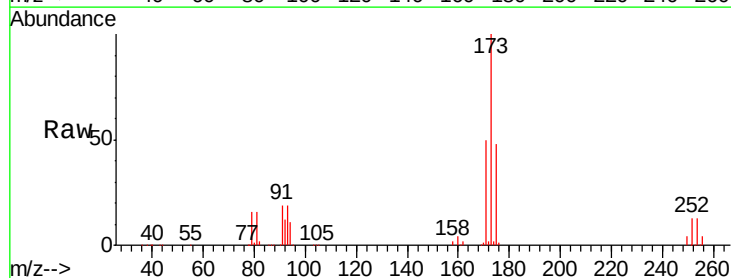
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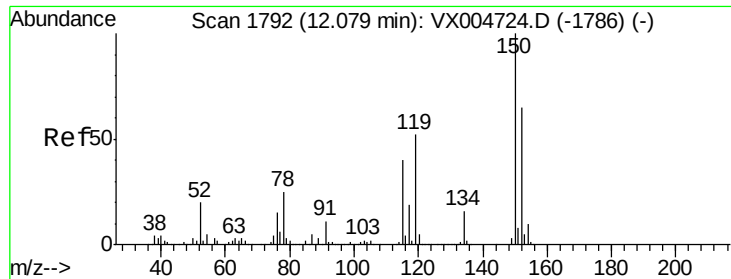
MMDadoda
10/12/2018 11:45:01 AM



#71
Bromoform
Concen: 50.63 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	23.3	69.8
254	0.1	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Instrument :

MSVOA_X

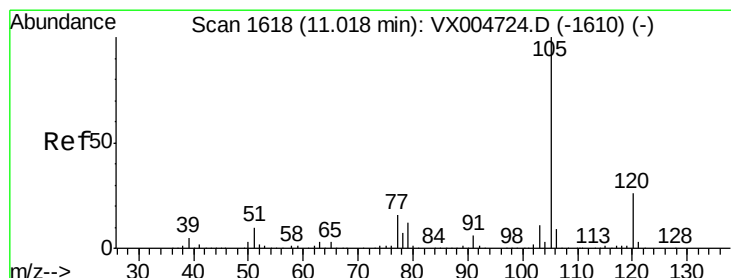
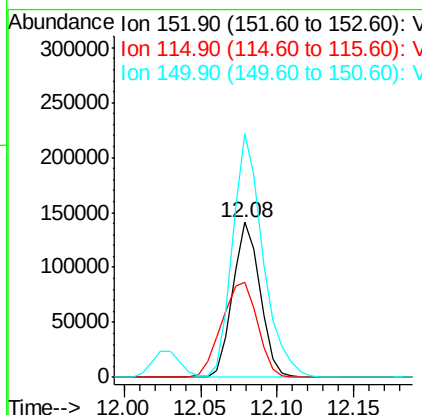
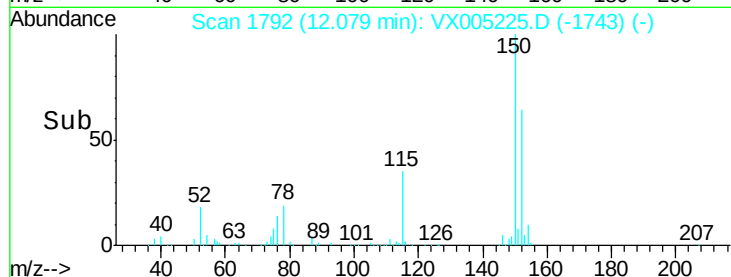
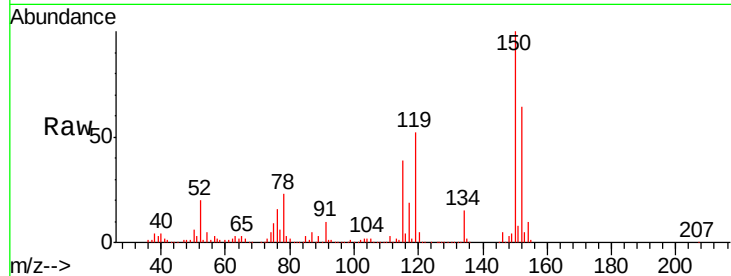
ClientSampleId :

RE-109D2-20181005MS

Tgt	Ion	Resp	Lower	Upper
152	100			
115	80.2	40.2	120.6	
150	174.2	0.0	351.0	

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#73

Isopropylbenzene

Concen: 57.78 ug/l

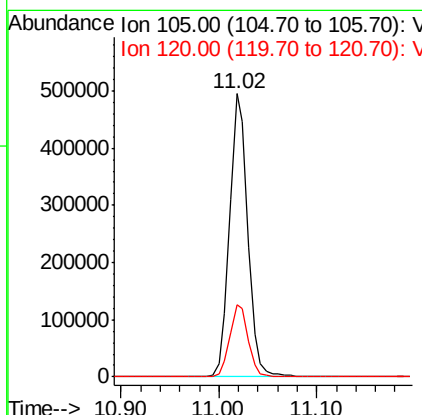
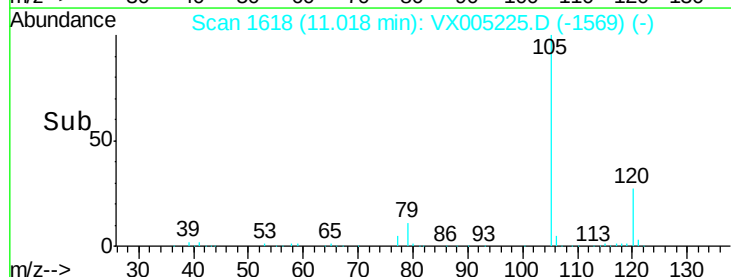
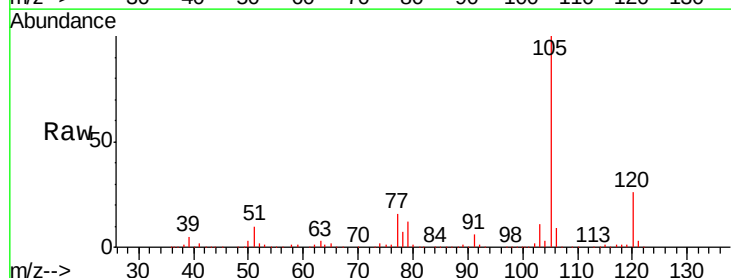
RT: 11.02 min Scan# 1618

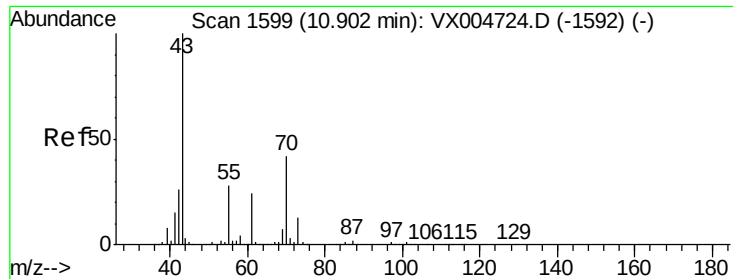
Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Tgt	Ion	Resp	Lower	Upper
105	100			
120	26.1	13.2	39.5	





#74

N-ethyl acetate

Concen: 46.73 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Instrument :

MSVOA_X

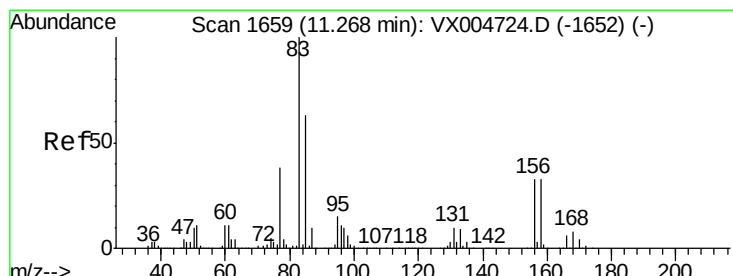
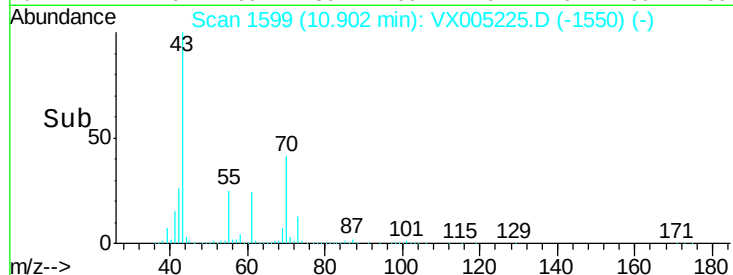
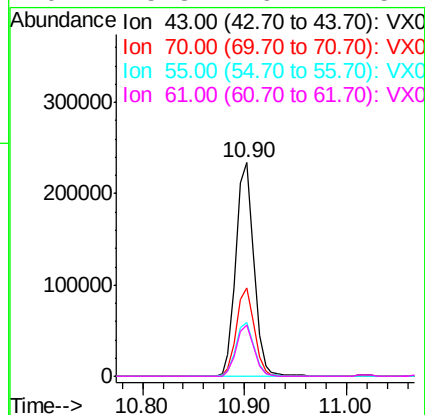
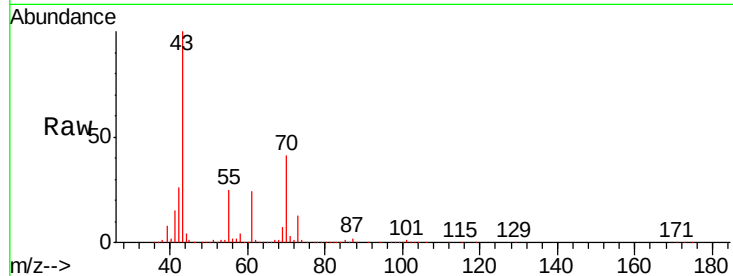
ClientSampleId :

RE-109D2-20181005MS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		283306		
70	41.0	32.6	48.8		
55	25.7	21.6	32.4		
61	23.8	19.1	28.7		

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#75

1,1,2,2-Tetrachloroethane

Concen: 50.32 ug/l

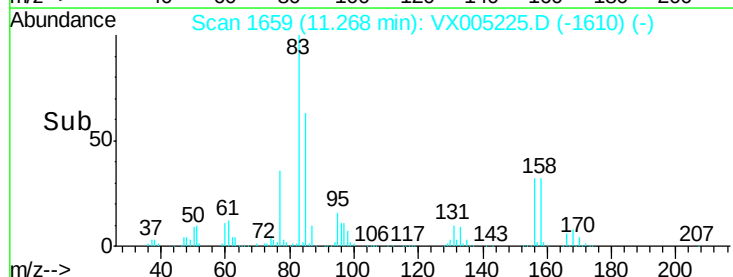
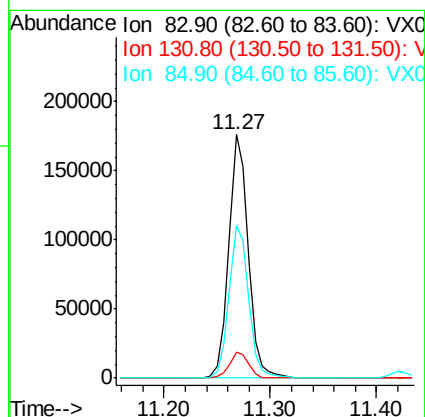
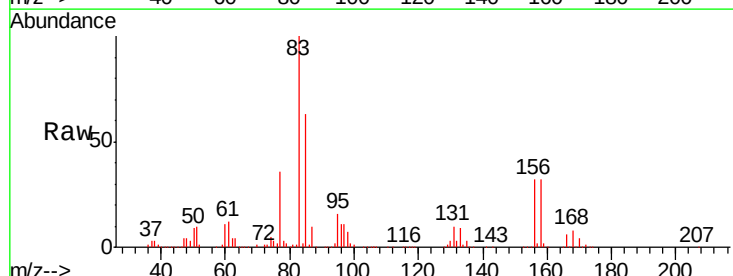
RT: 11.27 min Scan# 1659

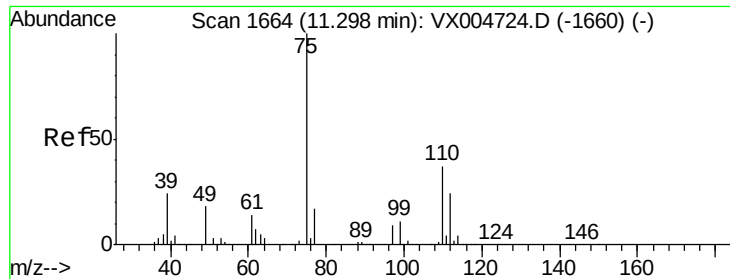
Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		226519		
131	10.5	5.1	15.3		
85	64.0	31.9	95.9		





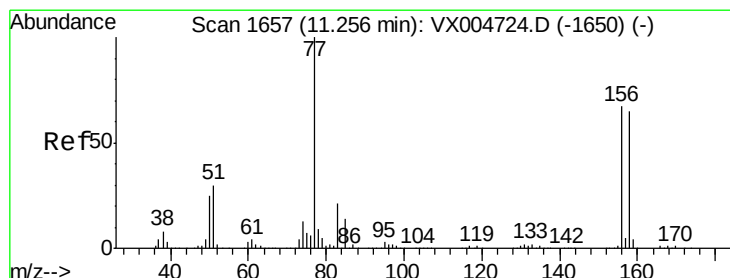
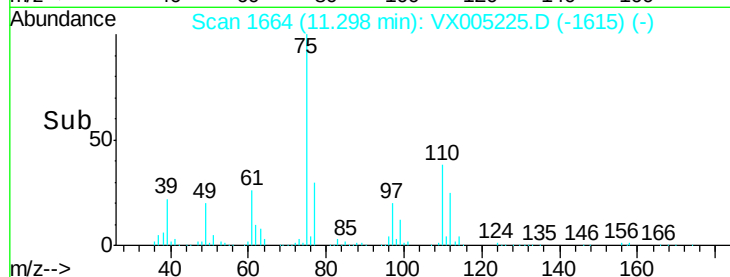
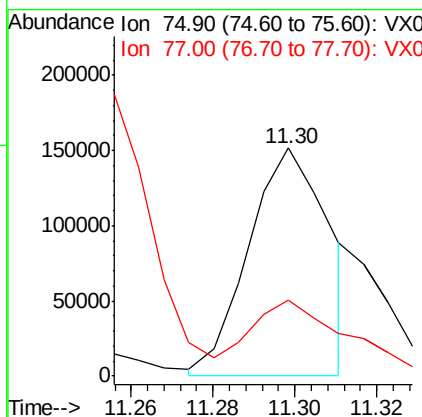
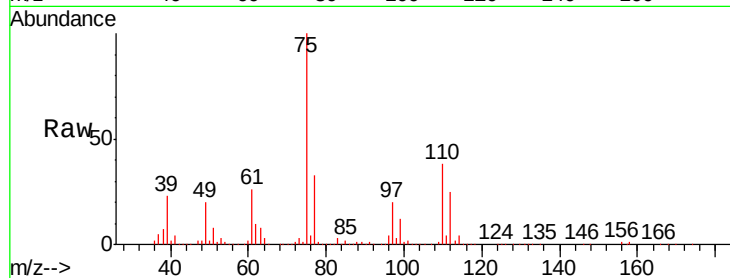
#76
 1,2,3-Trichloropropane
 Concen: 52.61 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: VX005225.D
 Acq: 10 Oct 2018 23:36

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-109D2-20181005MS

Tgt Ion: 75 Resp: 206915
 Ion Ratio Lower Upper
 75 100
 77 40.8 21.4 64.3

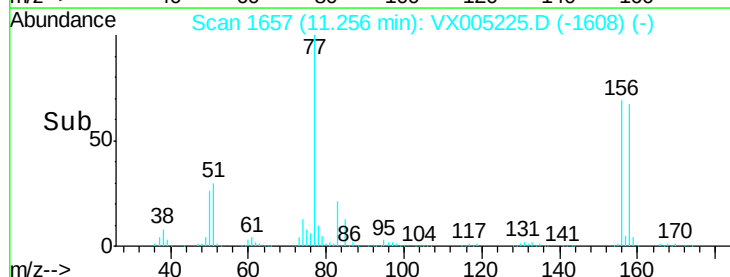
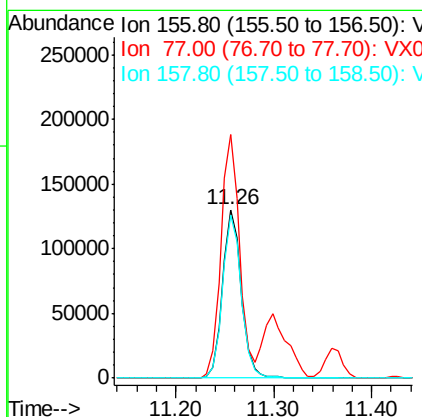
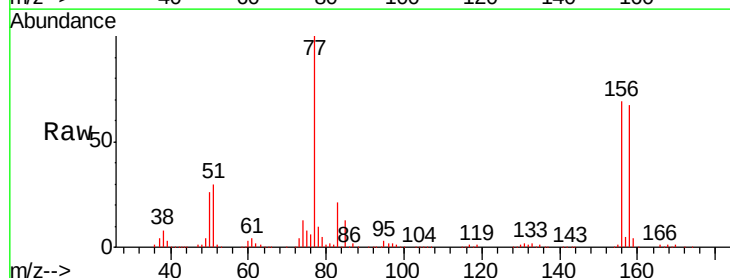
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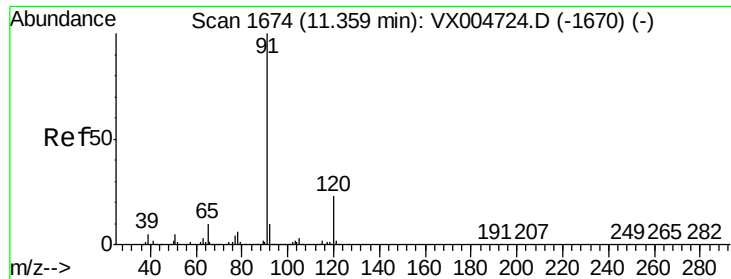
MMDadoda
 10/12/2018 11:45:01 AM



#77
 Bromobenzene
 Concen: 53.71 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX005225.D
 Acq: 10 Oct 2018 23:36

Tgt Ion: 156 Resp: 172531
 Ion Ratio Lower Upper
 156 100
 77 144.1 73.4 220.2
 158 97.1 49.1 147.4





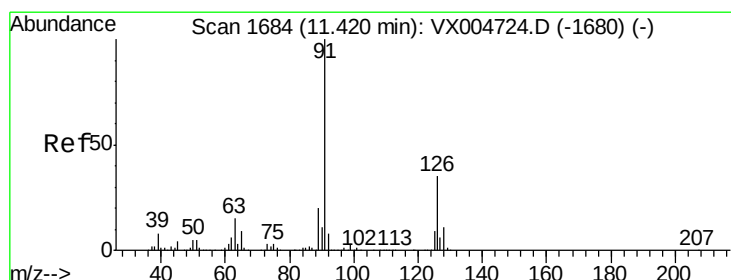
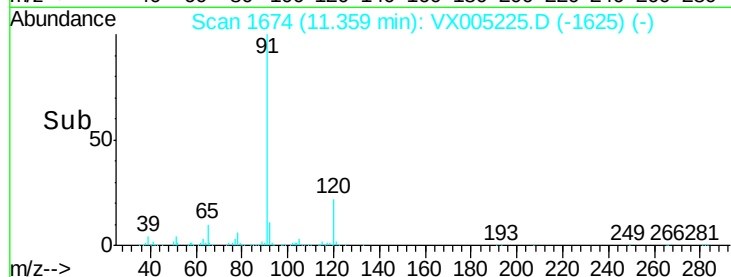
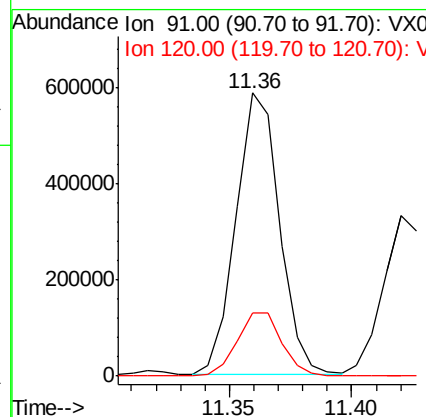
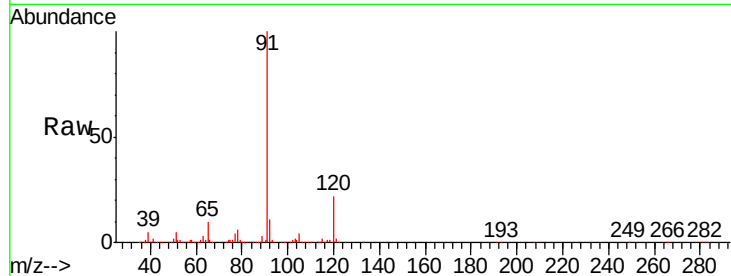
#78
n-propylbenzene
Concen: 57.34 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Instrument :
MSVOA_X
ClientSampleId :
RE-109D2-20181005MS

Tgt Ion: 91 Resp: 727604
Ion Ratio Lower Upper
91 100
120 23.5 12.0 36.0

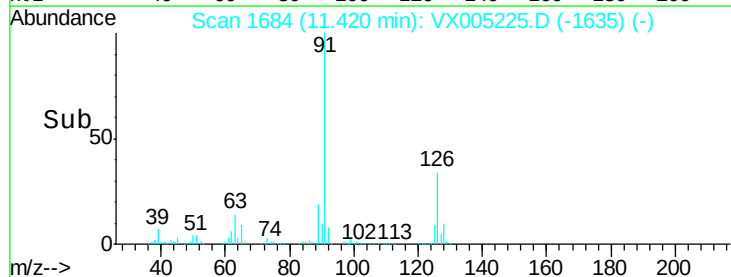
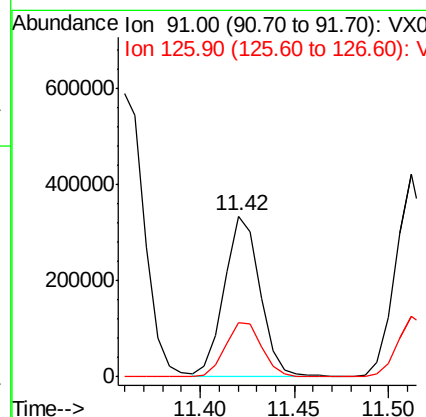
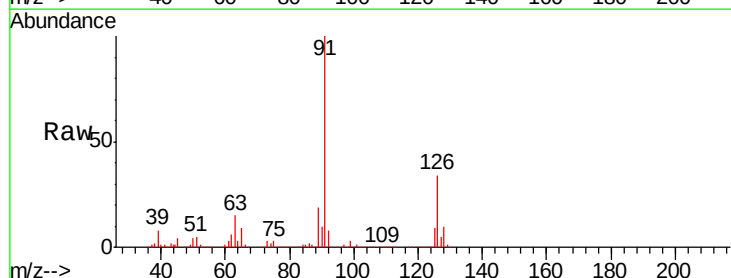
Manual Integrations
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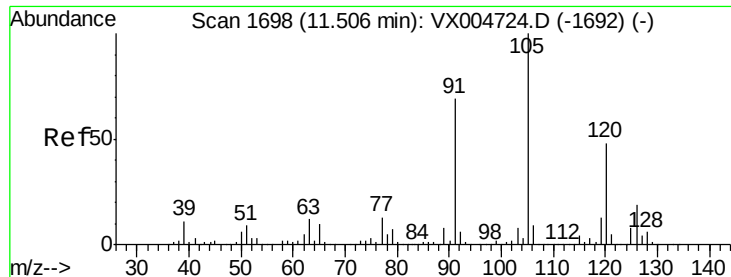
MMDadoda
10/12/2018 11:45:01 AM



#79
2-Chlorotoluene
Concen: 54.92 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Tgt Ion: 91 Resp: 434411
Ion Ratio Lower Upper
91 100
126 35.3 17.6 52.9





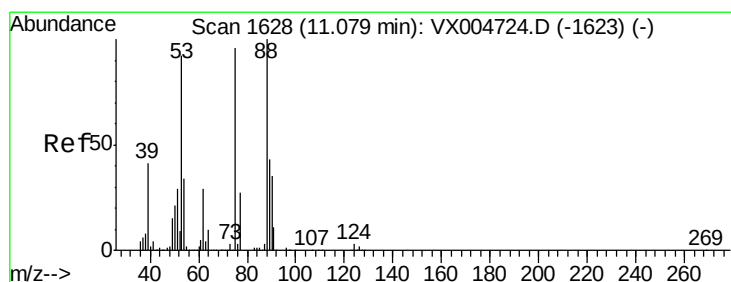
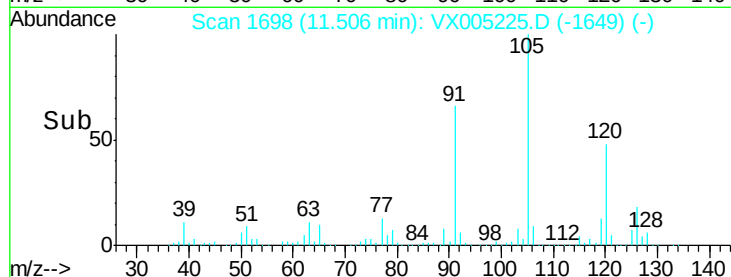
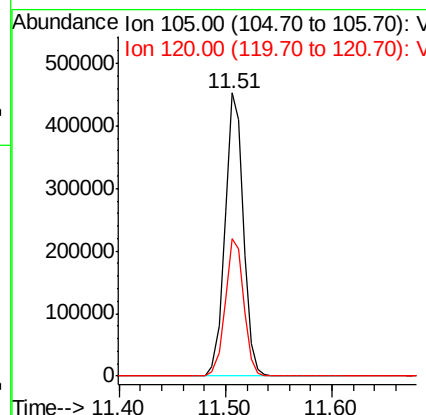
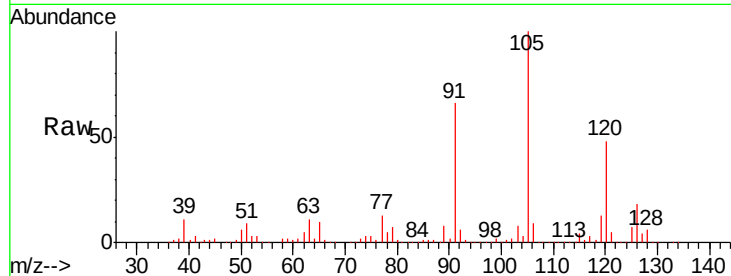
#80
 1,3,5-Trimethylbenzene
 Concen: 53.75 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005225.D
 Acq: 10 Oct 2018 23:36

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-109D2-20181005MS

Tgt Ion: 105 Resp: 544648
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.3 72.8

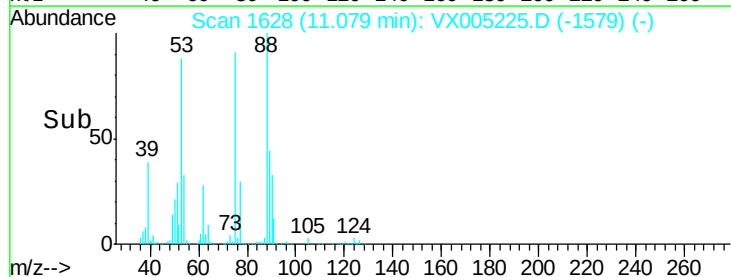
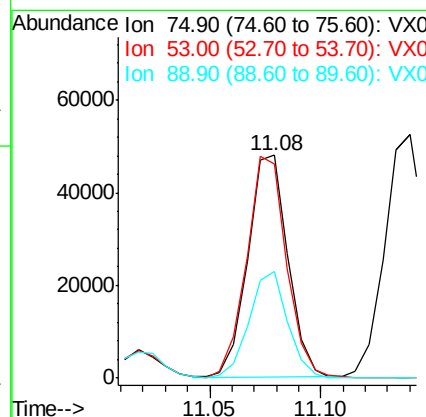
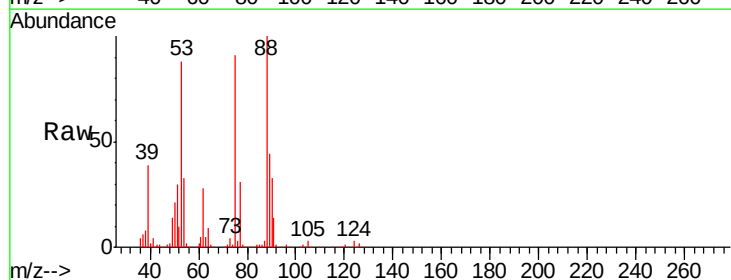
Manual Integrations
 APPROVED

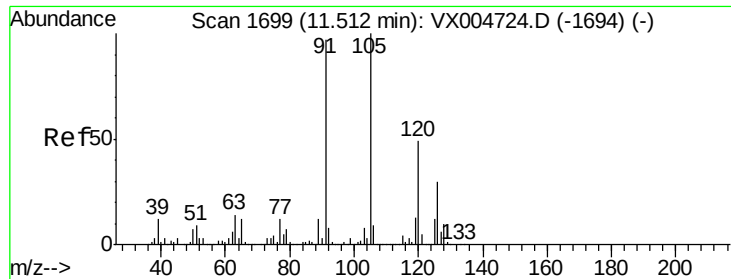
MMDadoda
 10/12/2018 11:45:01 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.11 ug/l
 RT: 11.08 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VX005225.D
 Acq: 10 Oct 2018 23:36

Tgt Ion: 75 Resp: 60254
 Ion Ratio Lower Upper
 75 100
 53 99.6 80.2 120.4
 89 46.3 37.1 55.7





#82

4-Chlorotoluene

Concen: 55.35 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Instrument :

MSVOA_X

ClientSampleId :

RE-109D2-20181005MS

Tgt Ion: 91 Resp: 515251

Ion Ratio Lower Upper

91 100

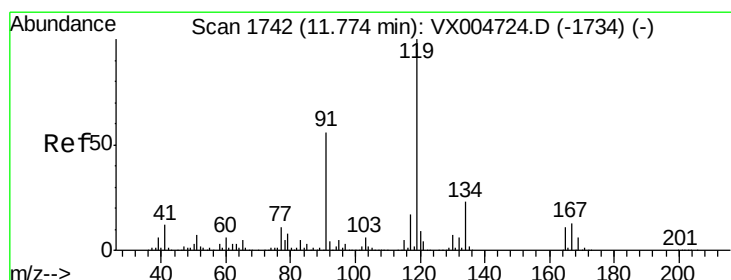
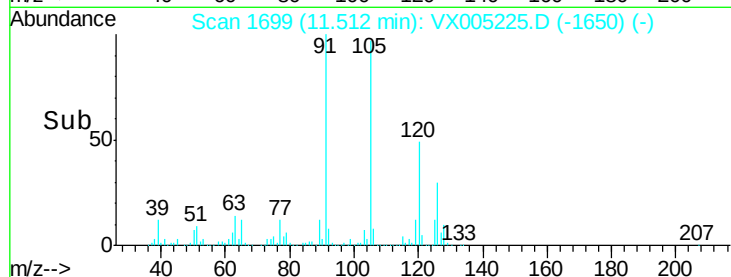
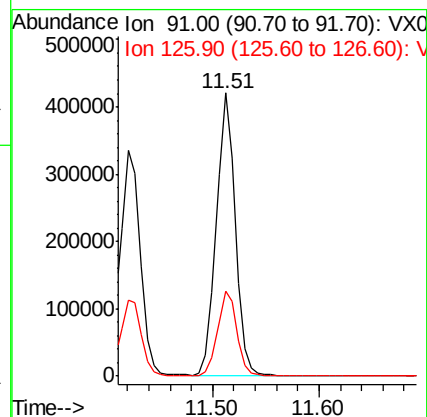
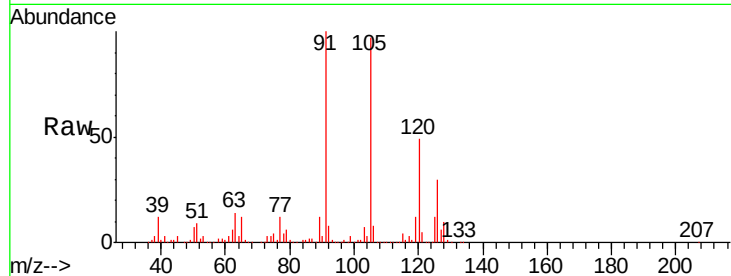
126 30.6 15.5 46.5

Manual Integrations

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#83

tert-Butylbenzene

Concen: 59.12 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

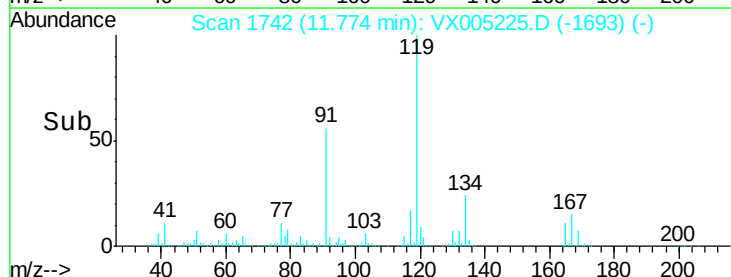
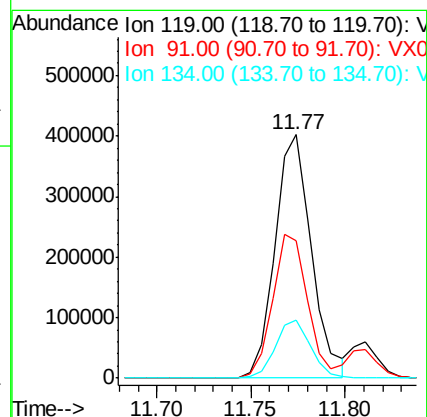
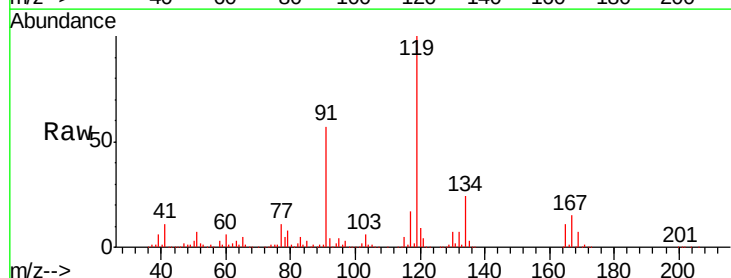
Tgt Ion: 119 Resp: 538353

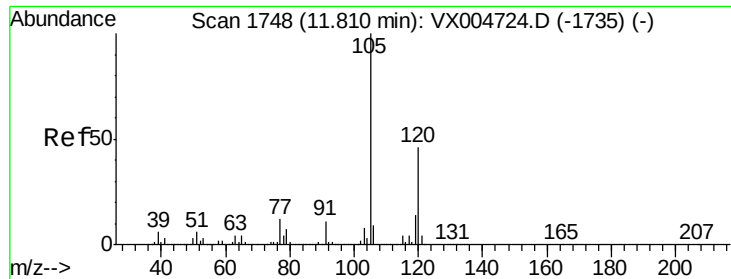
Ion Ratio Lower Upper

119 100

91 56.5 27.5 82.5

134 23.1 11.5 34.4





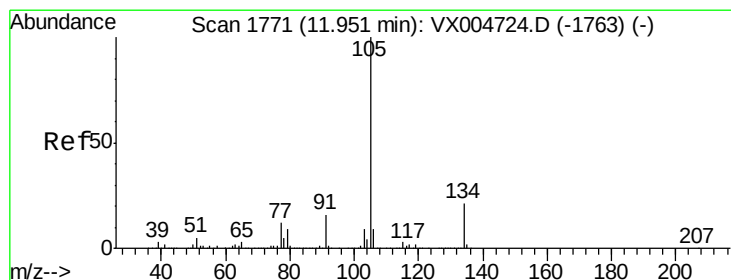
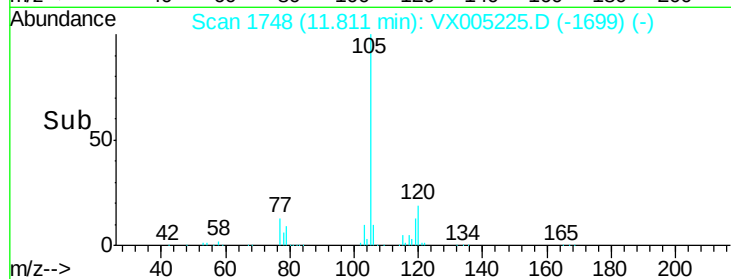
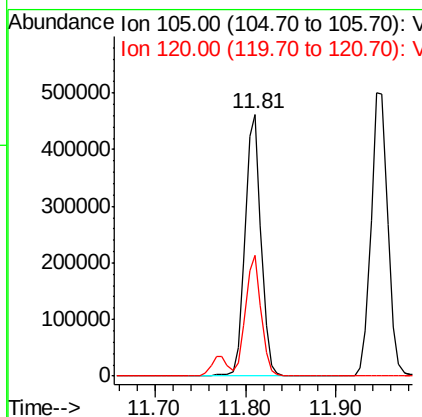
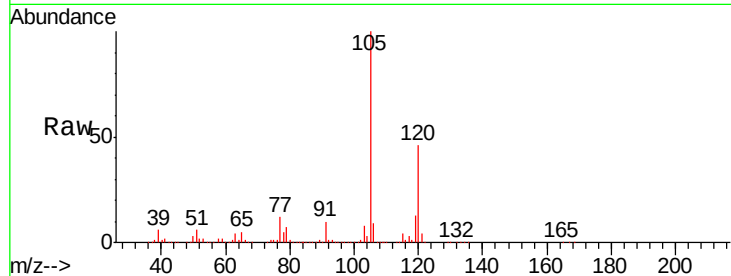
#84
 1,2,4-Trimethylbenzene
 Concen: 53.90 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005225.D
 Acq: 10 Oct 2018 23:36

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-109D2-20181005MS

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.8	68.3

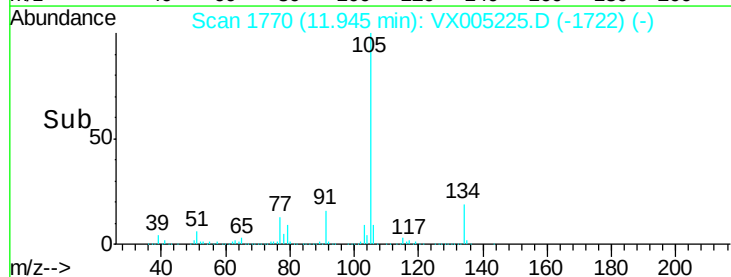
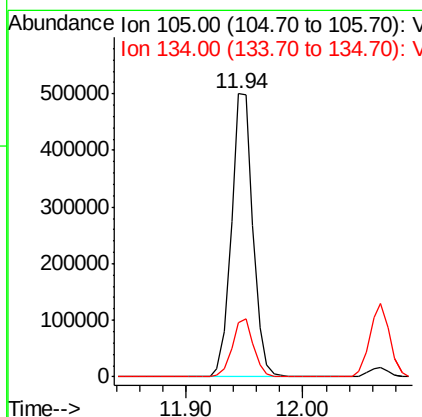
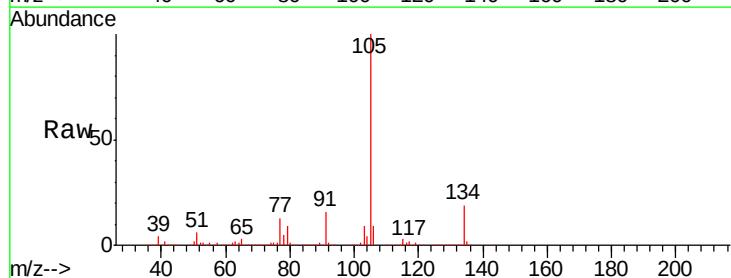
Manual Integrations
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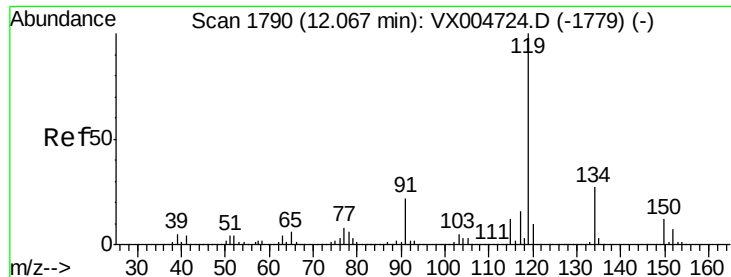
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#85
 sec-Butylbenzene
 Concen: 57.92 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX005225.D
 Acq: 10 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.2	30.4





#86

p-Isopropyltoluene

Concen: 57.55 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Instrument :

MSVOA_X

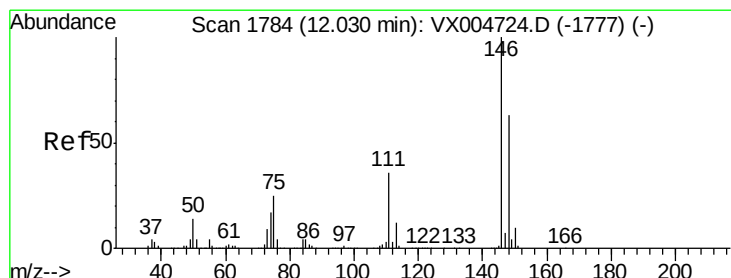
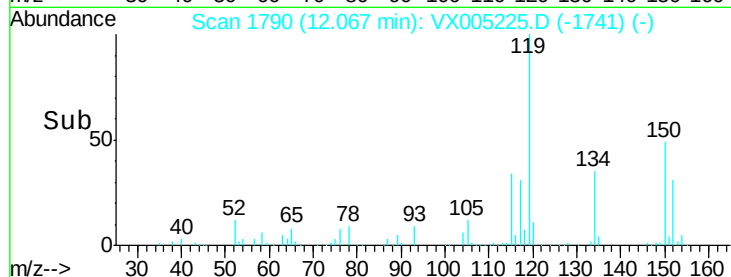
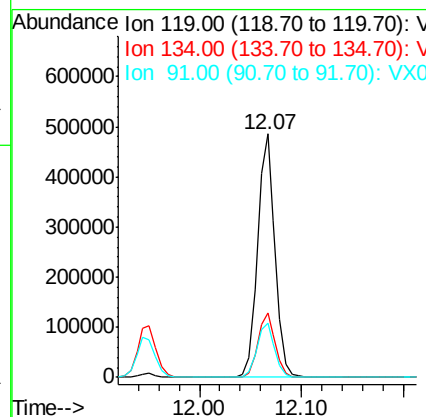
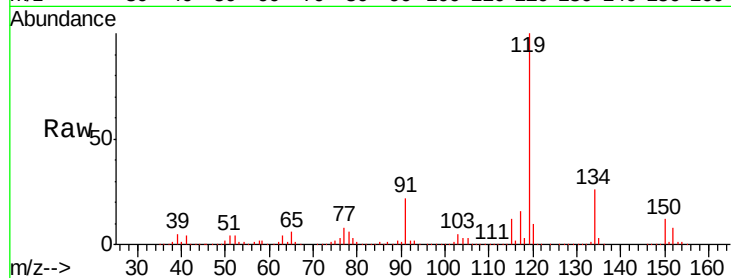
ClientSampleId :

RE-109D2-20181005MS

Tgt Ion:	119	Resp:	578292
Ion Ratio	Lower	Upper	
119	100		
134	26.5	13.4	40.1
91	22.7	11.5	34.4

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#87

1,3-Dichlorobenzene

Concen: 52.48 ug/l

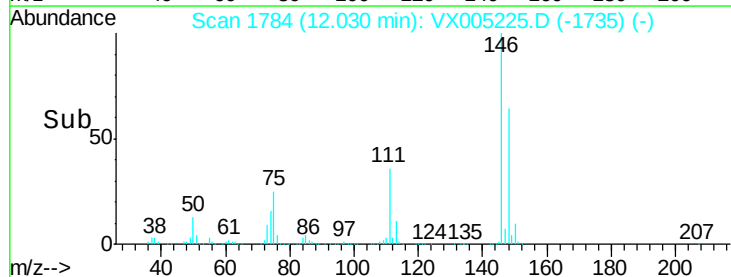
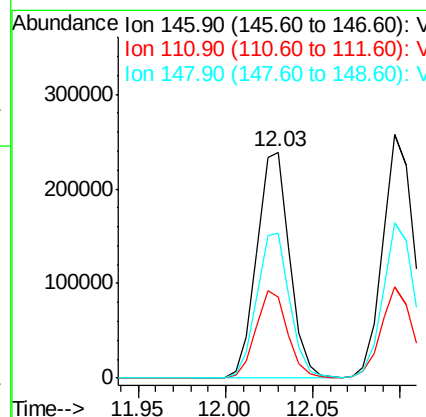
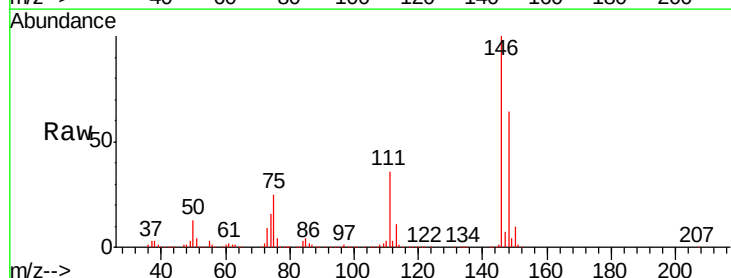
RT: 12.03 min Scan# 1784

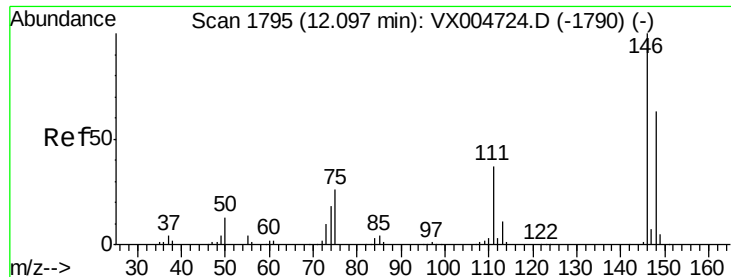
Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Tgt Ion:	146	Resp:	314777
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.9	56.9
148	64.3	31.8	95.3





#88

1,4-Dichlorobenzene

Concen: 51.63 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Instrument :

MSVOA_X

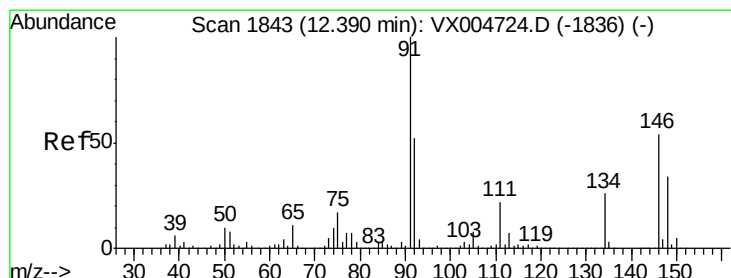
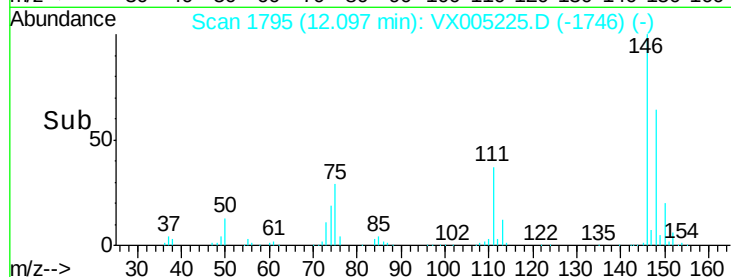
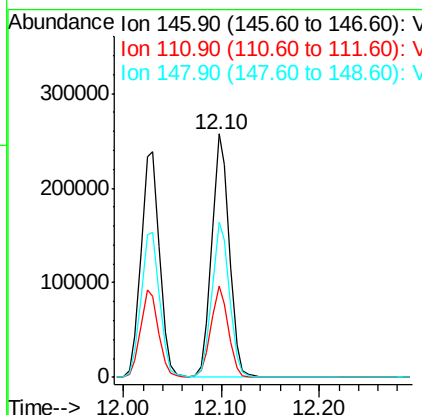
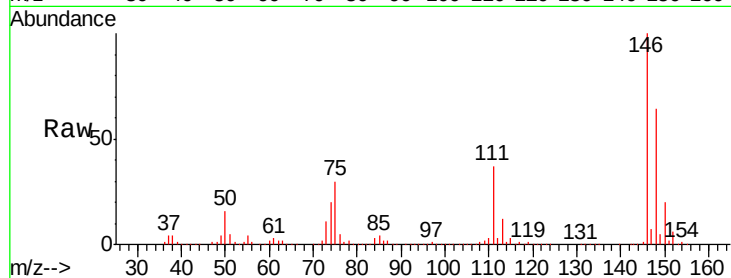
ClientSampleId :

RE-109D2-20181005MS

Tgt Ion:	146	Resp:	319701
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.4	55.2
148	64.0	32.0	96.0

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#89

n-Butylbenzene

Concen: 54.99 ug/l

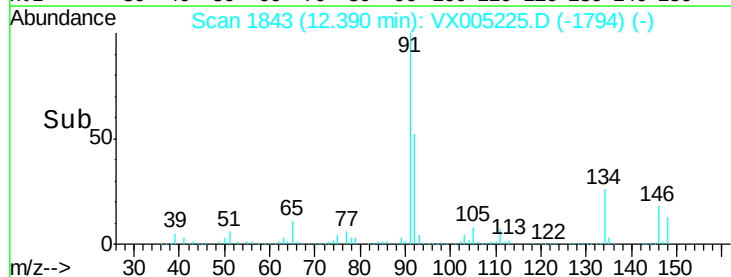
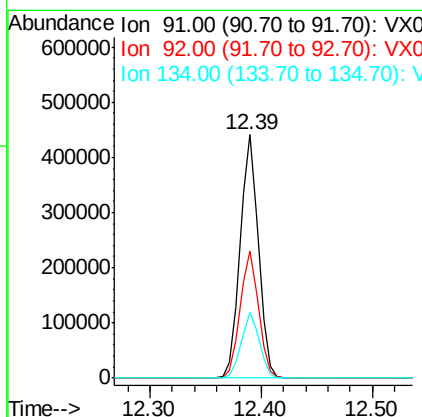
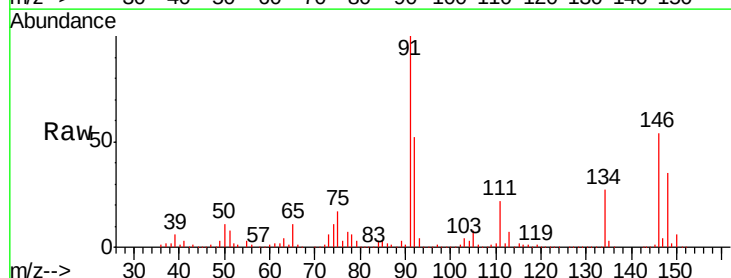
RT: 12.39 min Scan# 1843

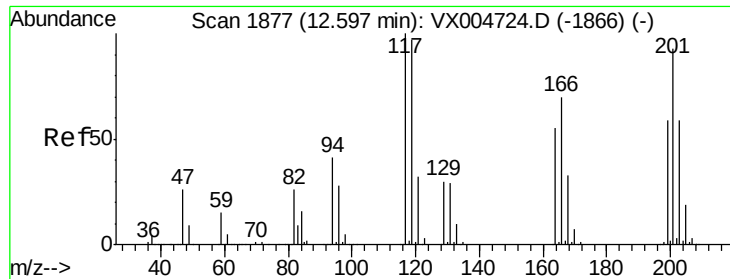
Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Tgt Ion:	91	Resp:	501798
Ion Ratio	Lower	Upper	
91	100		
92	52.3	26.0	78.0
134	26.7	13.2	39.6





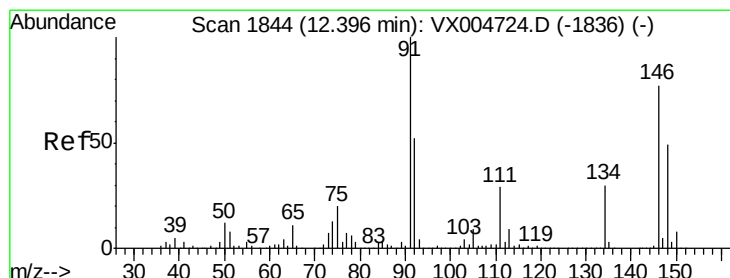
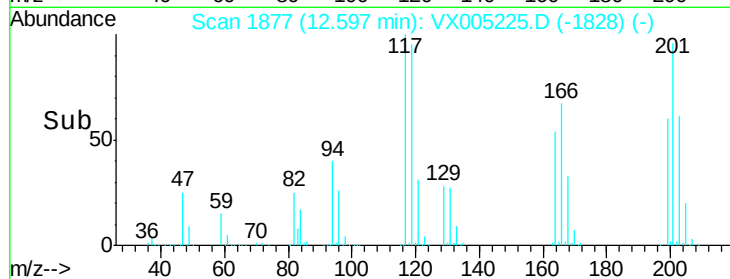
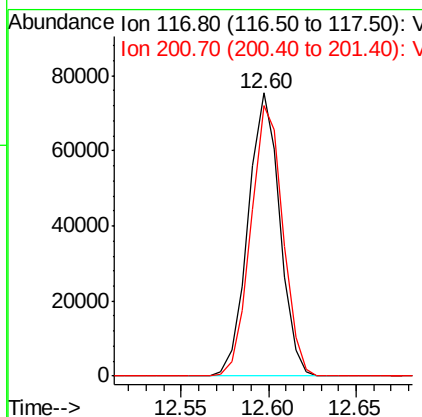
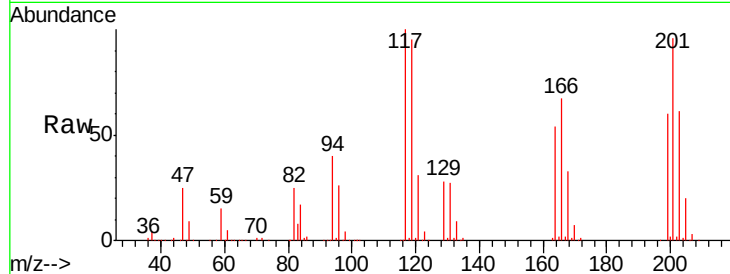
#90
Hexachloroethane
Concen: 56.56 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Instrument :
MSVOA_X
ClientSampleId :
RE-109D2-20181005MS

Tgt Ion:117 Resp: 94632
Ion Ratio Lower Upper
117 100
201 97.3 48.4 145.0

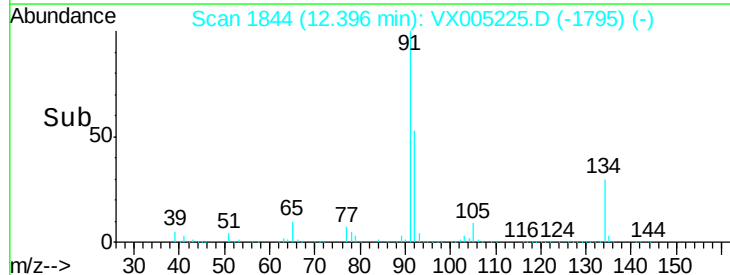
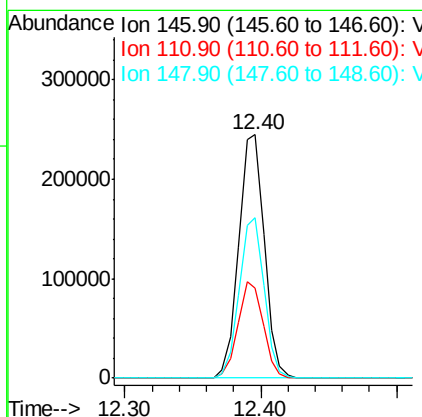
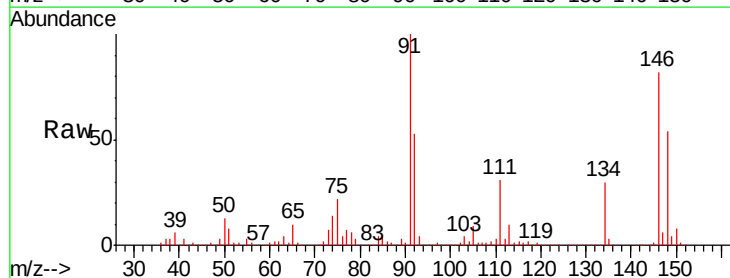
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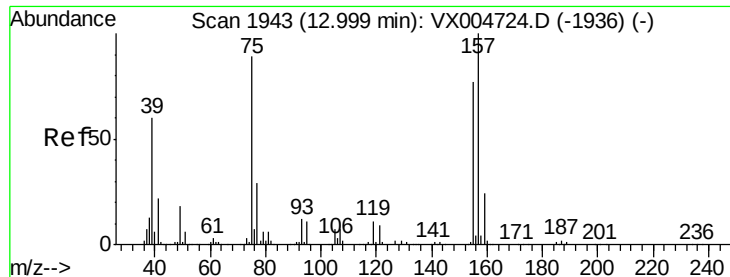
MMDadoda
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#91
1,2-Dichlorobenzene
Concen: 51.11 ug/l
RT: 12.40 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VX005225.D
Acq: 10 Oct 2018 23:36

Tgt Ion:146 Resp: 320389
Ion Ratio Lower Upper
146 100
111 39.0 19.6 58.7
148 64.5 31.8 95.4





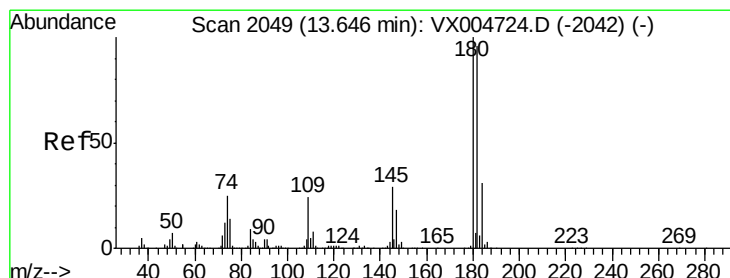
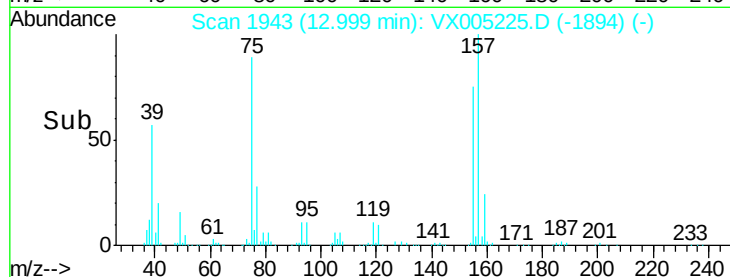
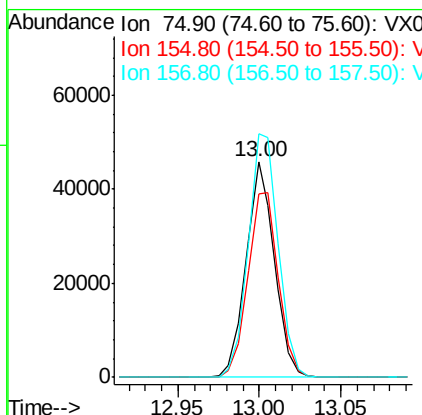
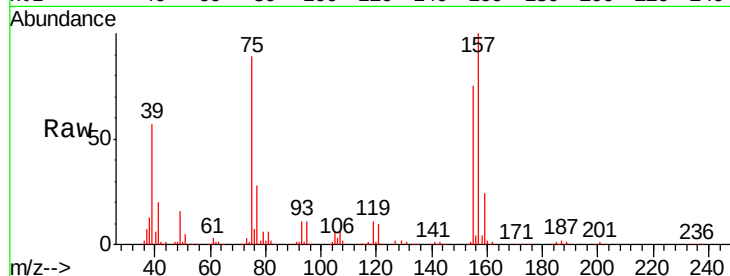
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.18 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005225.D
 Acq: 10 Oct 2018 23:36

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-109D2-20181005MS

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.0	46.1	138.3
157	119.8	60.2	180.6

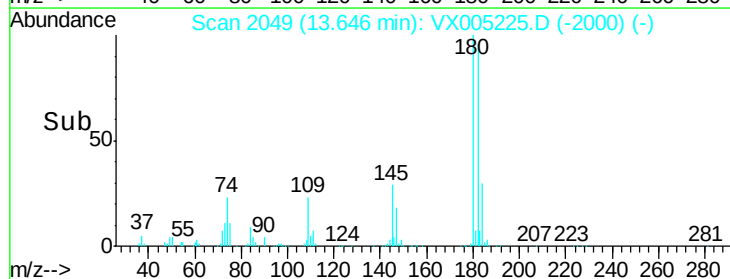
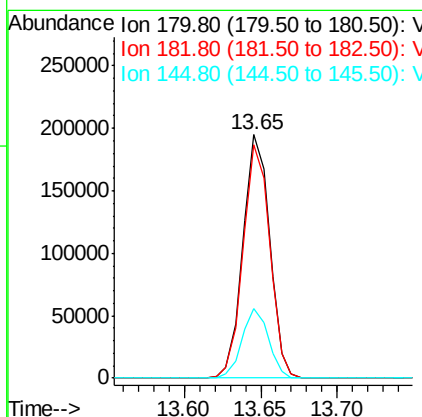
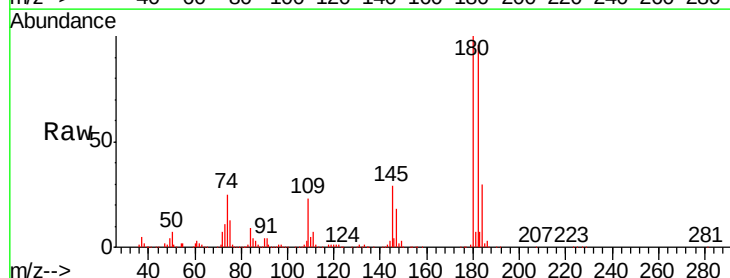
Manual Integrations
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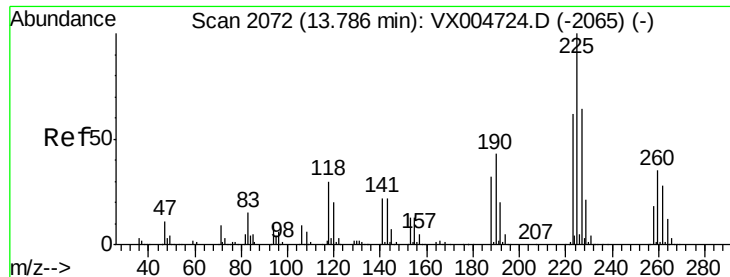
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#93
 1,2,4-Trichlorobenzene
 Concen: 53.94 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005225.D
 Acq: 10 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.4
145	28.2	14.1	42.4





#94

Hexachlorobutadiene

Concen: 50.74 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VX005225.D

Acq: 10 Oct 2018 23:36

Instrument :

MSVOA_X

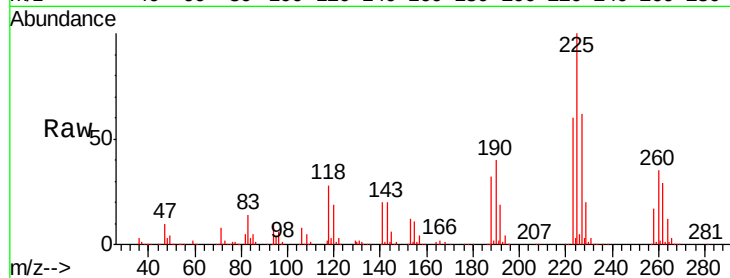
ClientSampleId :

RE-109D2-20181005MS

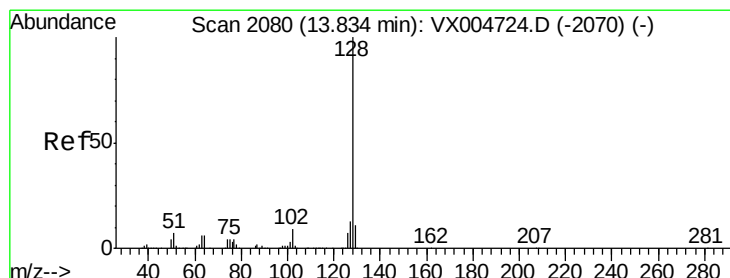
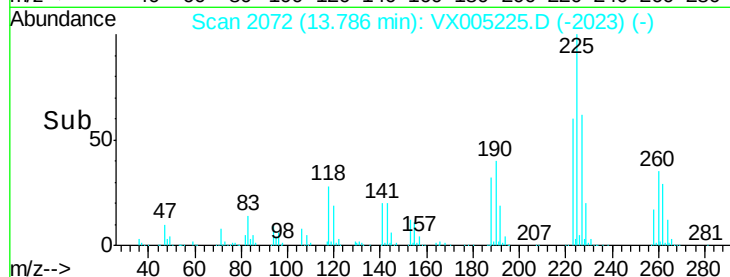
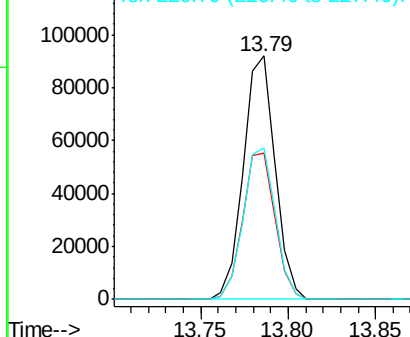
Tgt Ion:	225	Resp:	115703
Ion Ratio		Lower	Upper
225	100		
223	61.5	31.3	93.8
227	63.0	31.9	95.5

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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 52.58 ug/l

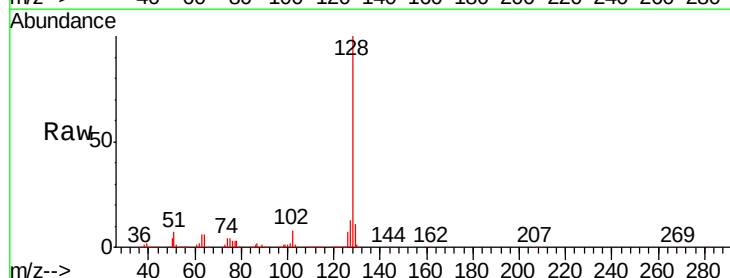
RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

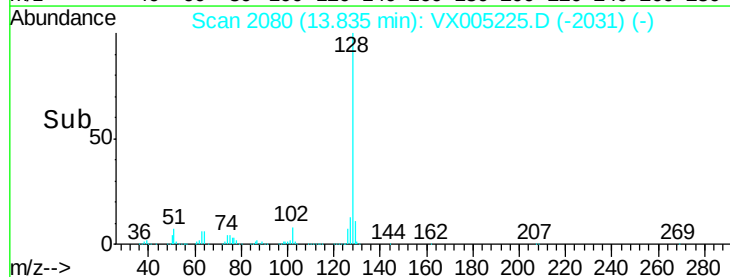
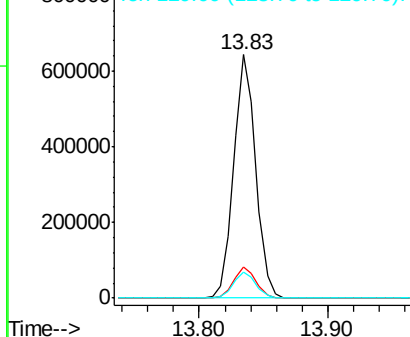
Lab File: VX005225.D

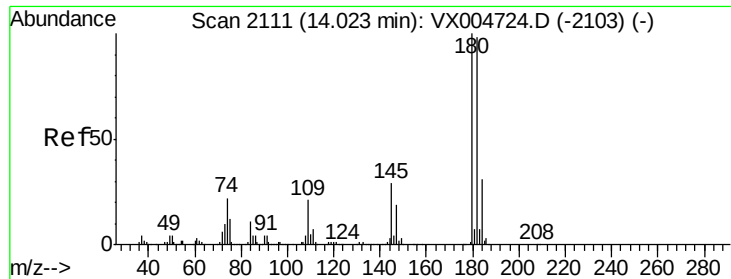
Acq: 10 Oct 2018 23:36

Tgt Ion:	128	Resp:	767979
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 54.70 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. 0.00 min
 Lab File: VX005225.D
 Acq: 10 Oct 2018 23:36

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-109D2-20181005MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.3	47.9	143.8
145	29.9	15.0	45.0

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:01 AM

