

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102418\
 Data File : VX005553.D
 Acq On : 24 Oct 2018 20:32
 Operator : JC/MD
 Sample : J5655-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MS

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 11:53:36 AM

Quant Time: Oct 25 05:37:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	210246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166550	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	125582	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
35) Dibromofluoromethane	5.50	113	102153	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
50) Toluene-d8	8.71	98	377536	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
62) 4-Bromofluorobenzene	11.14	95	143086	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	76050	36.647	ug/l	99
3) Chloromethane	1.32	50	105686	39.990	ug/l	99
4) Vinyl Chloride	1.41	62	111253	42.812	ug/l	99
5) Bromomethane	1.64	94	67240	41.584	ug/l	99
6) Chloroethane	1.71	64	71777	43.237	ug/l	95
7) Trichlorofluoromethane	1.92	101	167313	46.336	ug/l	97
8) Diethyl Ether	2.19	74	67648	46.945	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.38	101	93600	45.180	ug/l	94
10) Methyl Iodide	2.51	142	114107	52.588	ug/l	97
11) Tert butyl alcohol	3.07	59	179569	260.009	ug/l	99
12) 1,1-Dichloroethene	2.37	96	94765	48.017	ug/l	89
13) Acrolein	2.29	56	90461	256.777	ug/l	97
14) Allyl chloride	2.73	41	206334	46.845	ug/l	96
15) Acrylonitrile	3.15	53	391401	252.738	ug/l	98
16) Acetone	2.45	43	351857	259.453	ug/l	94
17) Carbon Disulfide	2.57	76	270514	44.965	ug/l	99
18) Methyl Acetate	2.78	43	170037	50.777	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	342097	48.593	ug/l	98
20) Methylene Chloride	2.85	84	107622	47.383	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	99890	46.356	ug/l	93
22) Diisopropyl ether	3.87	45	367883	47.828	ug/l	89
23) Vinyl Acetate	3.82	43	1680434	248.064	ug/l #	92
24) 1,1-Dichloroethane	3.70	63	202015	48.307	ug/l	98
25) 2-Butanone	4.70	43	526919	255.149	ug/l	93
26) 2,2-Dichloropropane	4.58	77	136735	42.352	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	109475	47.125	ug/l	94
28) Bromochloromethane	5.02	49	98840	48.868	ug/l	90
29) Tetrahydrofuran	5.15	42	342288	254.688	ug/l	90
30) Chloroform	5.21	83	189956	48.561	ug/l	97
31) Cyclohexane	5.58	56	168010	48.557	ug/l #	82
32) 1,1,1-Trichloroethane	5.49	97	166453	48.212	ug/l	99
36) 1,1-Dichloropropene	5.80	75	138610	44.059	ug/l	99
37) Ethyl Acetate	4.85	43	176126	43.872	ug/l	96
38) Carbon Tetrachloride	5.78	117	146138	44.105	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	159705	45.973	ug/l	95
40) Benzene	6.14	78	414071	45.915	ug/l	99
41) Methacrylonitrile	5.06	41	101479	45.380	ug/l	95
42) 1,2-Dichloroethane	6.20	62	158279	46.200	ug/l	95
43) Isopropyl Acetate	6.46	43	269652	44.824	ug/l	96
44) Trichloroethene	7.21	130	113086	46.030	ug/l	96
45) 1,2-Dichloropropane	7.52	63	113093	46.644	ug/l	100
46) Dibromomethane	7.66	93	73015	46.627	ug/l	98
47) Bromodichloromethane	7.90	83	143188	47.112	ug/l	98
48) Methyl methacrylate	7.77	41	145667	49.704	ug/l	93
49) 1,4-Dioxane	7.76	88	64610	1008.817	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	991194	245.162	ug/l	93
52) Toluene	8.79	92	262039	47.810	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	157468	47.939	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	165050	46.670	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	109626	47.441	ug/l	98
56) Ethyl methacrylate	9.18	69	170673	49.518	ug/l	93
57) 1,3-Dichloropropane	9.37	76	183211	46.858	ug/l	100
59) 2-Hexanone	9.50	43	793253	248.847	ug/l	92
60) Dibromochloromethane	9.59	129	116863	48.472	ug/l	100
61) 1,2-Dibromoethane	9.67	107	114195	47.768	ug/l	99
64) Tetrachloroethene	9.34	164	113684	47.022	ug/l	98
65) Chlorobenzene	10.14	112	297232	47.927	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	109699	48.510	ug/l	98
67) Ethyl Benzene	10.25	91	514059	50.380	ug/l	97
68) m/p-Xylenes	10.36	106	397418	100.390	ug/l	94
69) o-Xylene	10.70	106	190256	51.083	ug/l	95
70) Styrene	10.71	104	320801	51.453	ug/l	96
71) Bromoform	10.86	173	98751	48.938	ug/l	100
73) Isopropylbenzene	11.02	105	520864	51.161	ug/l	99
74) N-amyl acetate	10.90	43	246027	48.770	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	180660	48.099	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	174905m	51.558	ug/l	
77) Bromobenzene	11.26	156	138782	48.913	ug/l	97
78) n-propylbenzene	11.36	91	603962	51.880	ug/l	99
79) 2-Chlorotoluene	11.42	91	360681	49.969	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	451008	51.785	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	51789	47.955	ug/l	97
82) 4-Chlorotoluene	11.51	91	428027	50.289	ug/l	99
83) tert-Butylbenzene	11.77	119	444534	51.205	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	463041	52.459	ug/l	97
85) sec-Butylbenzene	11.94	105	532110	51.366	ug/l	98
86) p-Isopropyltoluene	12.07	119	481795	52.027	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	258615	48.471	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	262171	46.978	ug/l	99
89) n-Butylbenzene	12.39	91	423025	50.601	ug/l	97
90) Hexachloroethane	12.60	117	79339	49.675	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	261513	48.445	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45470	50.067	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	193607	49.477	ug/l	99

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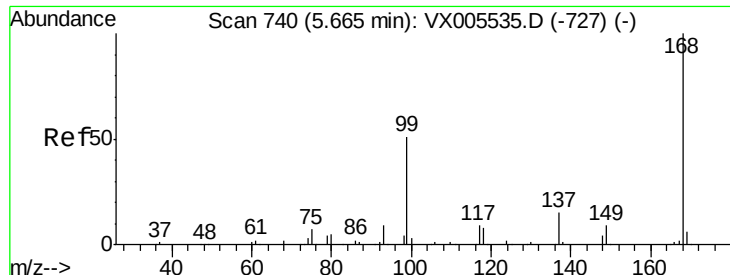
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	94020	46.364	ug/l	97
95) Naphthalene	13.83	128	608350	53.484	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	200526	50.553	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MS

Tot Ion:168 Resp: 210246

Ion Ratio Lower Upper

168 100

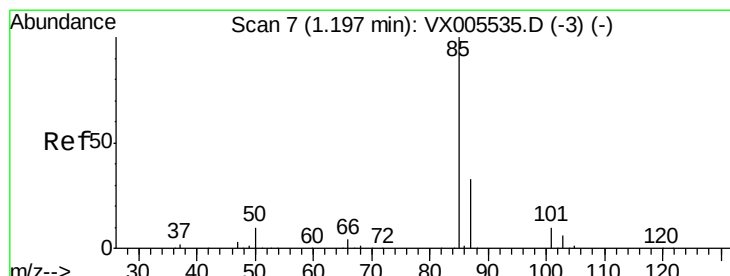
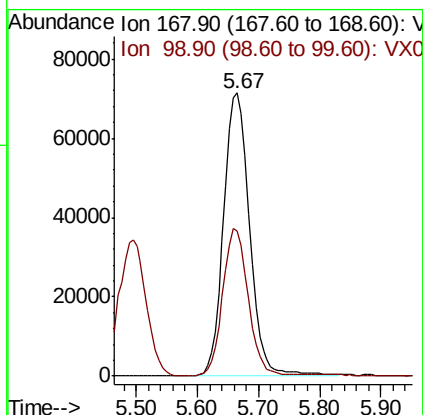
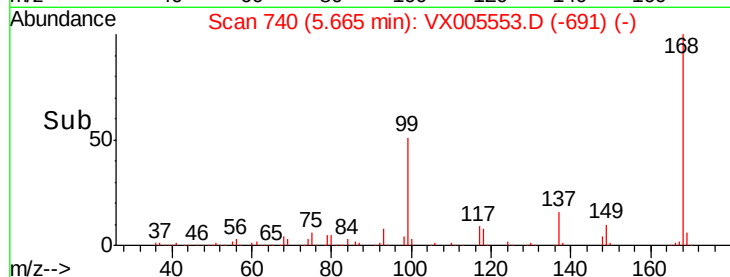
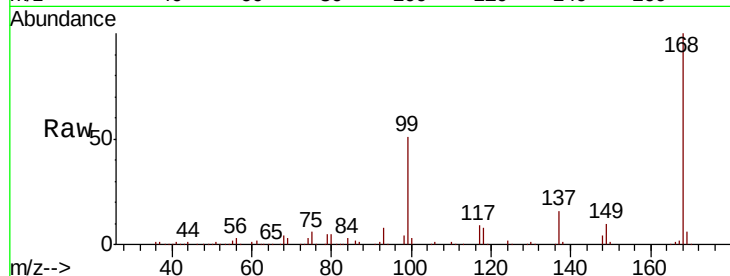
99 51.0 39.9 59.9

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10/26/2018 11:53:36 AM



#2

Dichlorodifluoromethane

Concen: 36.647 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005553.D

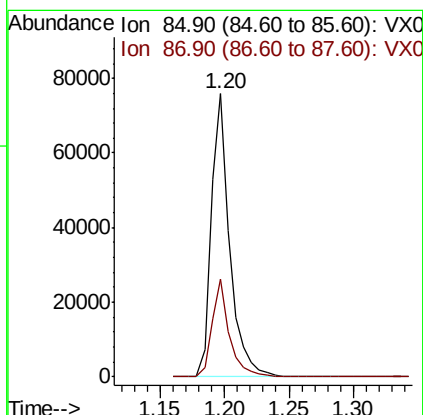
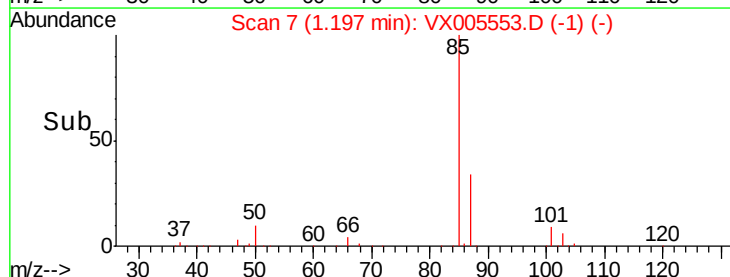
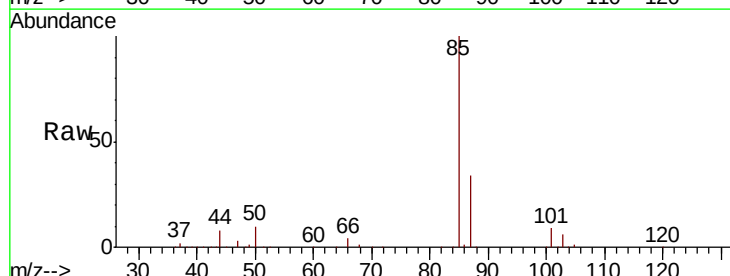
Acq: 24 Oct 2018 20:32

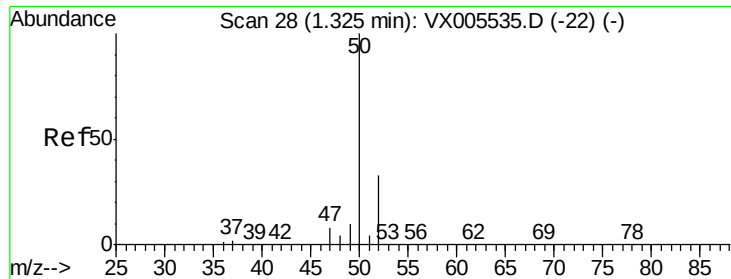
Tgt Ion: 85 Resp: 76050

Ion Ratio Lower Upper

85 100

87 34.4 17.0 50.9





#3

Chloromethane

Concen: 39.990 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MS

Tot Ion: 50 Resp: 105686

Ion Ratio Lower Upper

50 100

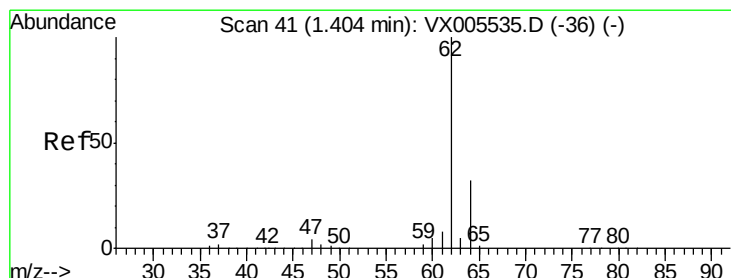
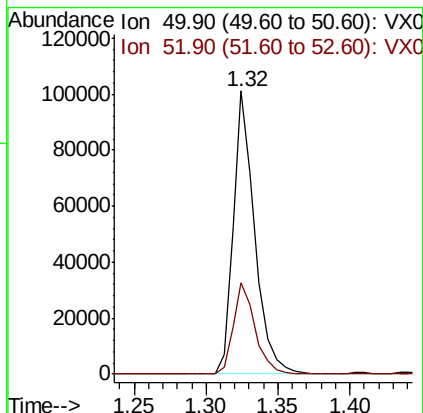
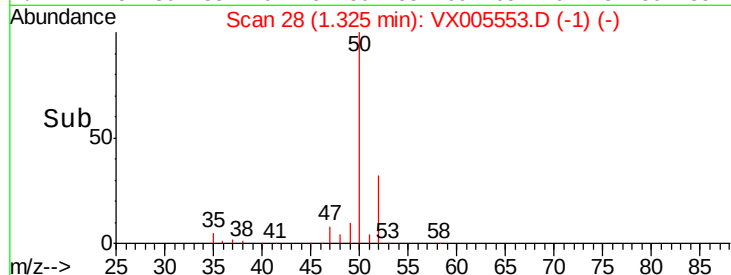
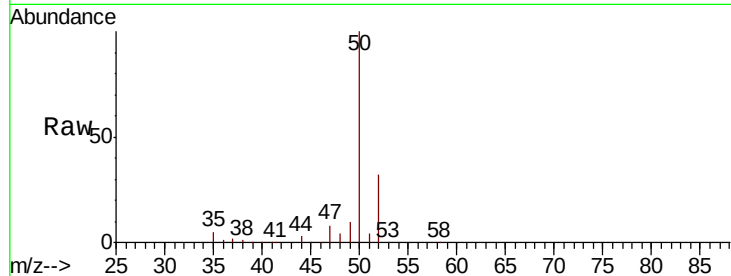
52 32.1 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 42.812 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005553.D

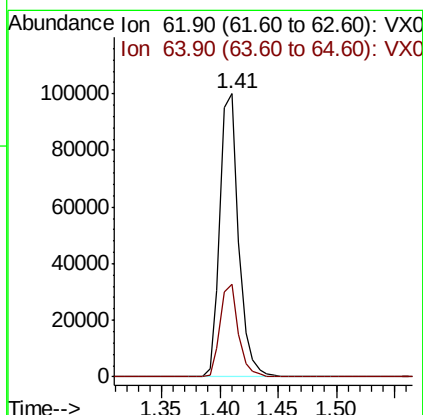
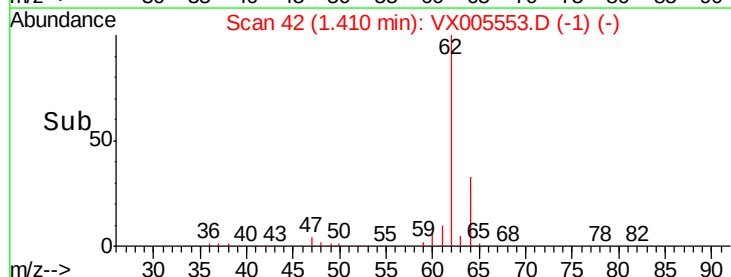
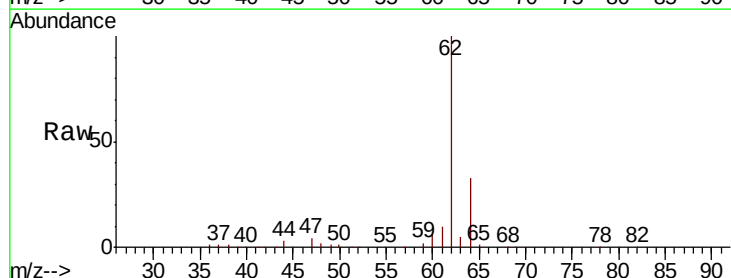
Acq: 24 Oct 2018 20:32

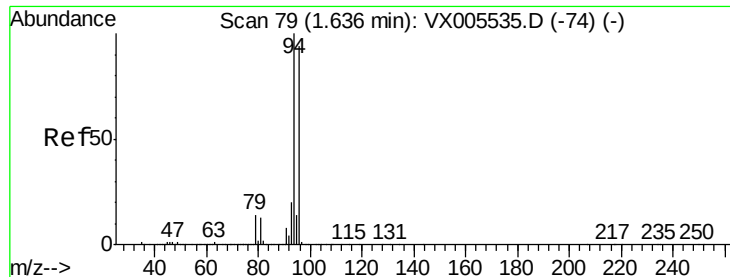
Tgt Ion: 62 Resp: 111253

Ion Ratio Lower Upper

62 100

64 32.9 25.8 38.8





#5

Bromomethane

Concen: 41.584 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MS

Tot Ion: 94 Resp: 67240

Ion Ratio Lower Upper

94 100

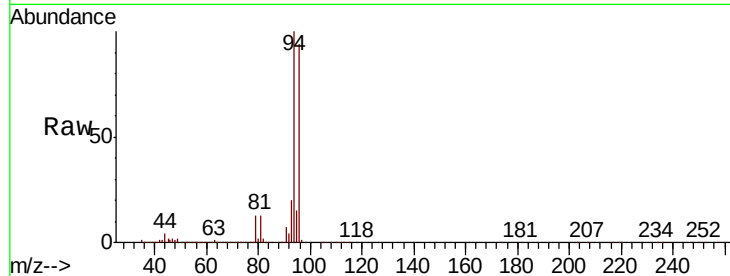
96 93.7 74.5 111.7

Manual Integrations

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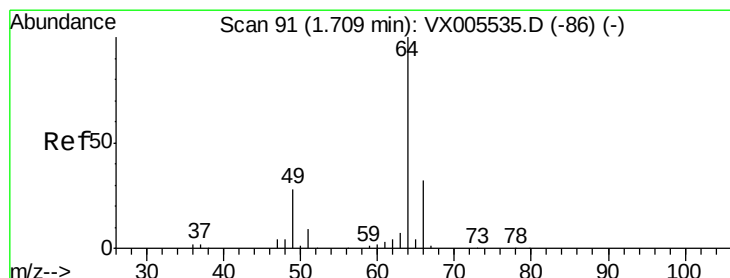
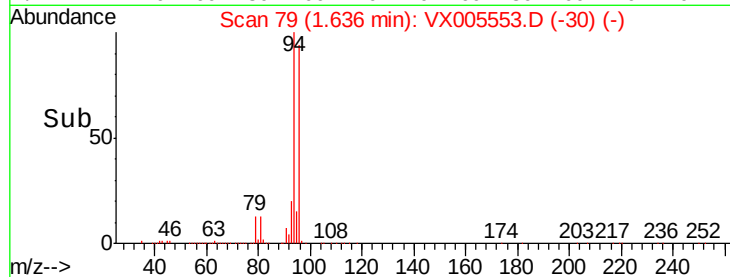
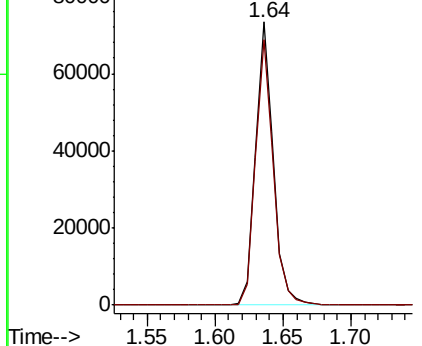
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.237 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005553.D

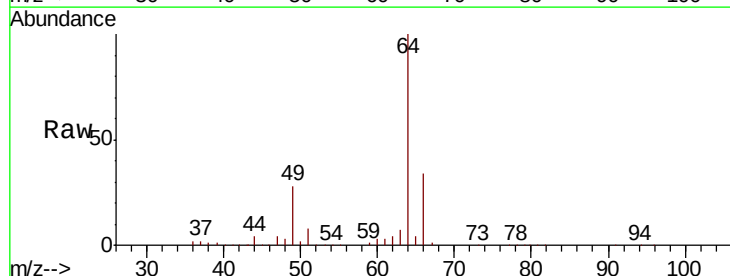
Acq: 24 Oct 2018 20:32

Tgt Ion: 64 Resp: 71777

Ion Ratio Lower Upper

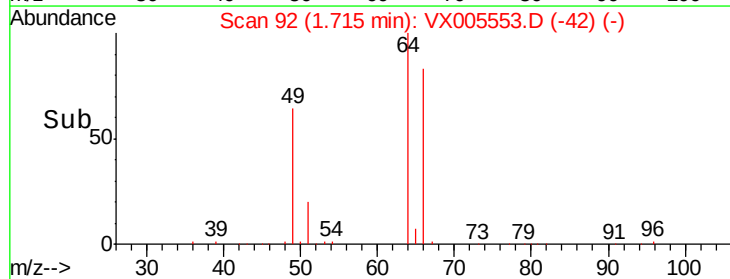
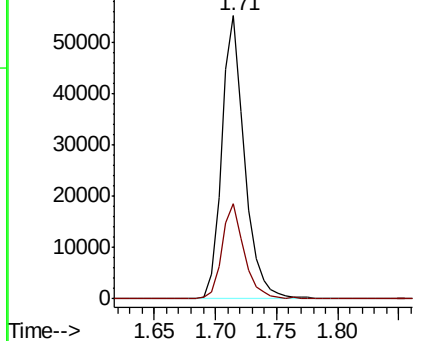
64 100

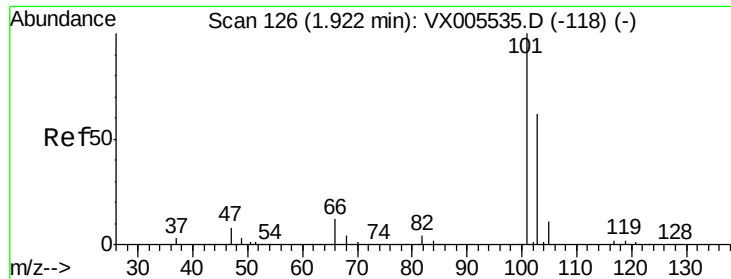
66 33.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

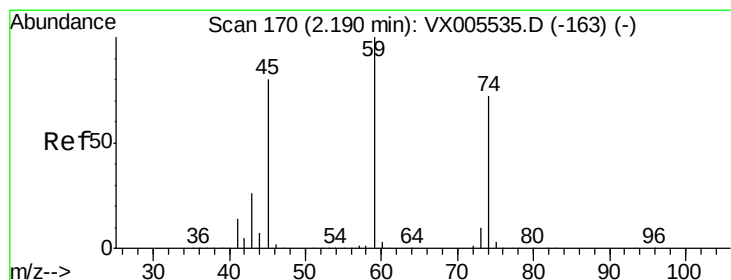
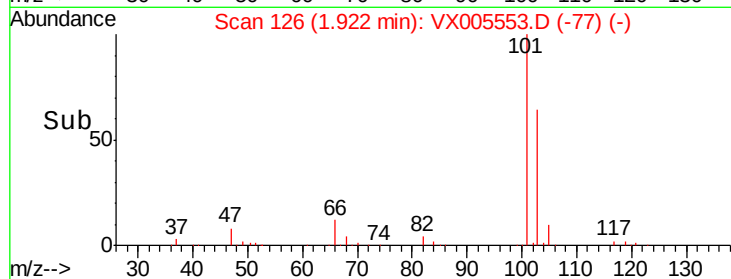
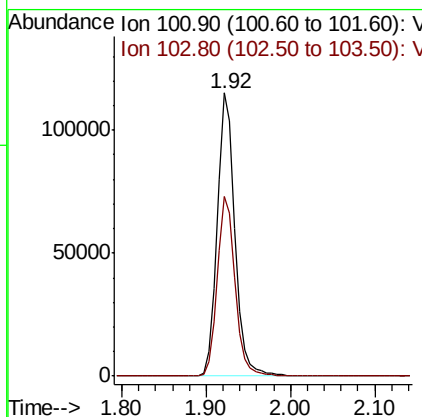
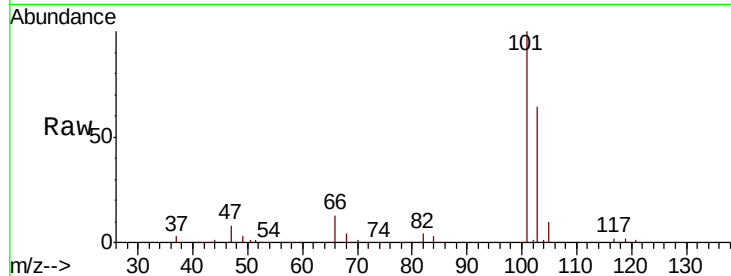
Trichlorofluoromethane
Concen: 46.336 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	48.9	73.3

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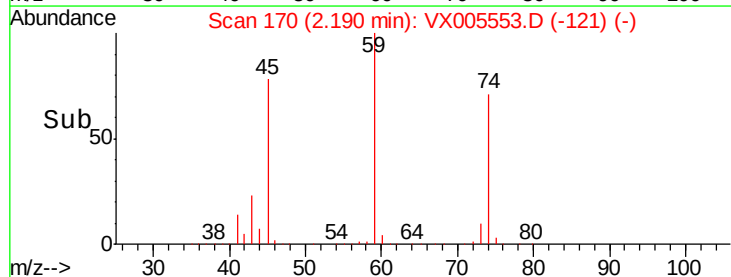
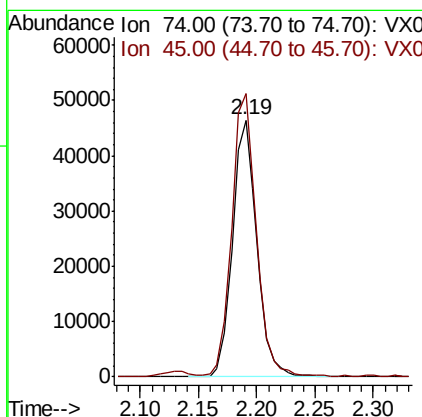
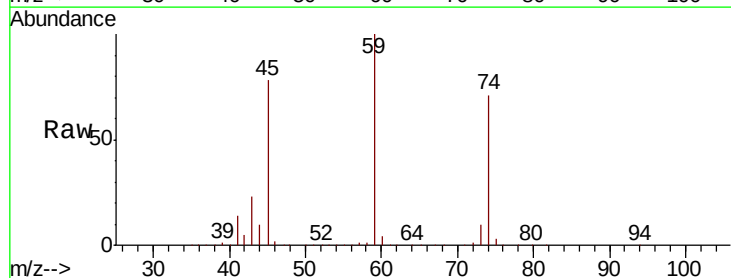
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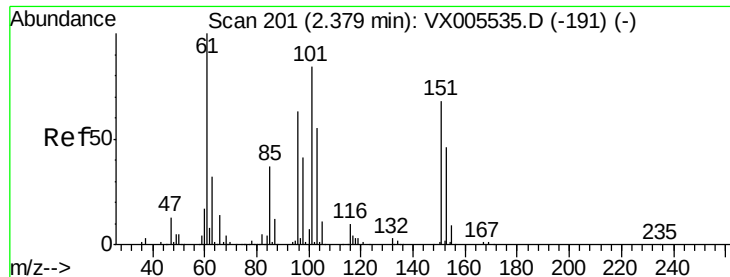


#8

Diethyl Ether
Concen: 46.945 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.5	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.180 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

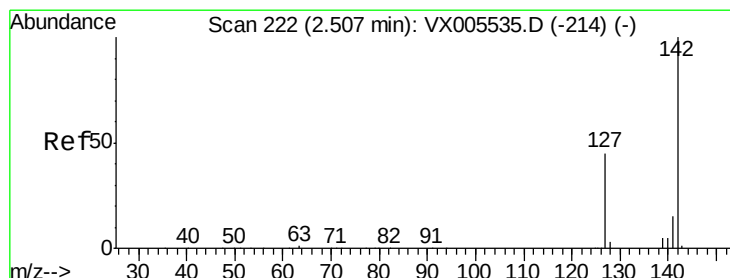
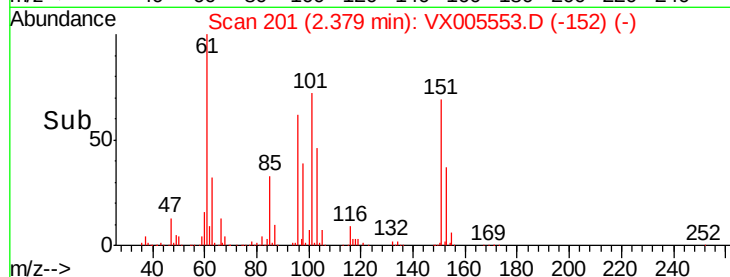
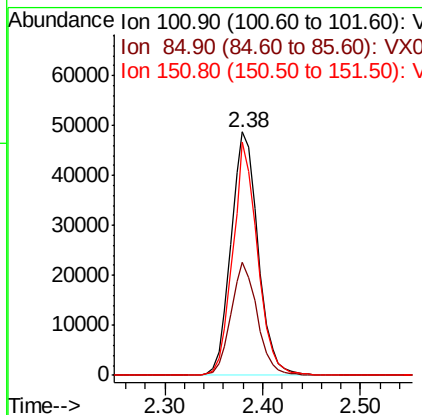
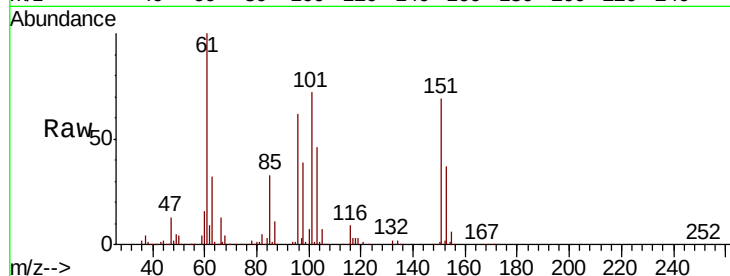
ClientSampleId :

S37-0008MS

Tot Ion:	101	Resp:	93600
Ion Ratio	Lower	Upper	
101	100		
85	45.0	34.2	51.4
151	87.7	65.0	97.6

Manual Integrations
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10/26/2018 11:53:36 AM



#10

Methyl Iodide

Concen: 52.588 ug/l

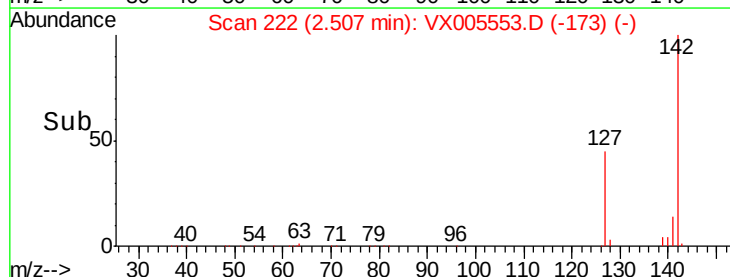
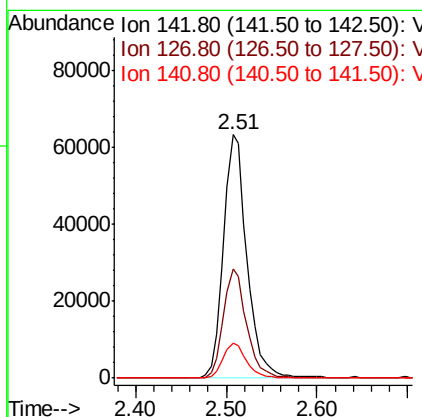
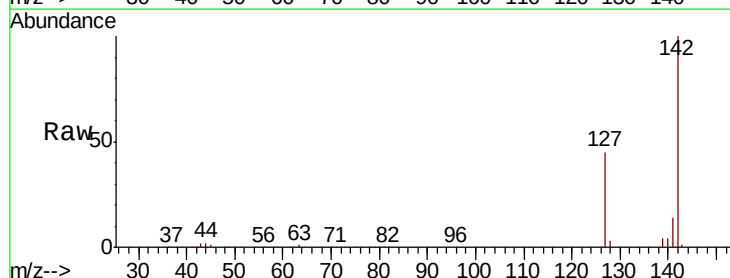
RT: 2.51 min Scan# 222

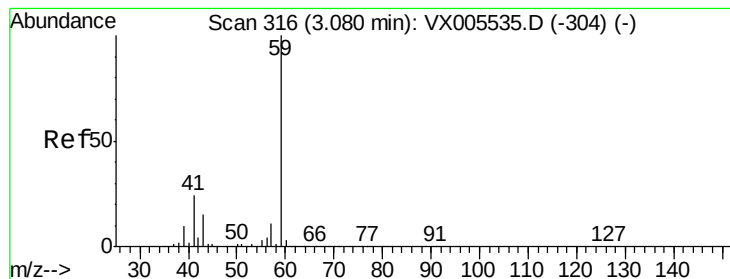
Delta R.T. 0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Tgt Ion:	142	Resp:	114107
Ion Ratio	Lower	Upper	
142	100		
127	44.3	33.8	50.6
141	14.5	11.4	17.0





#11

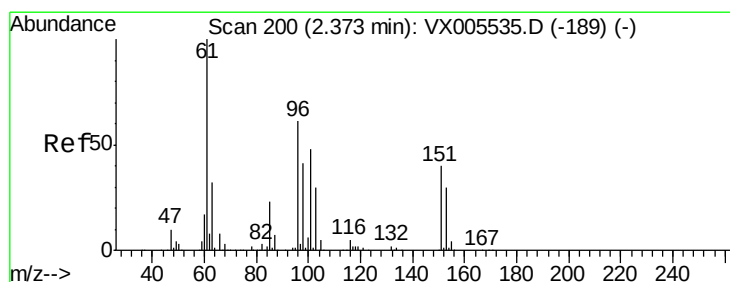
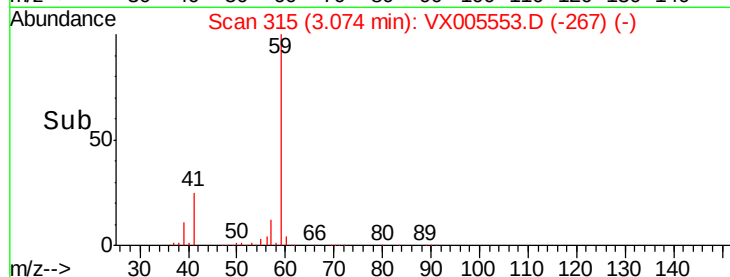
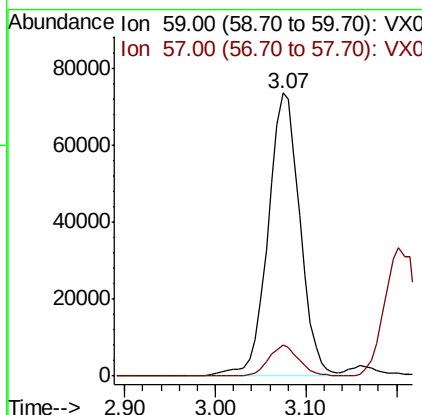
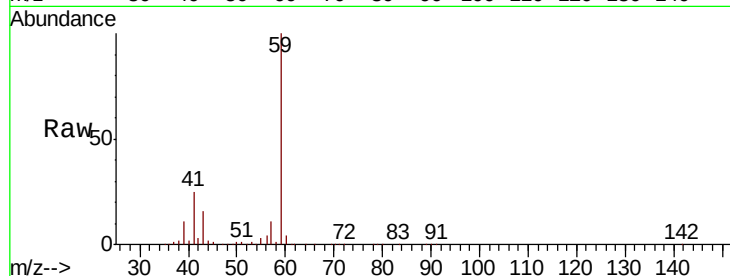
Tert butyl alcohol
Concen: 260.009 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Instrument :
MSVOA_X
ClientSampleId :
S37-0008MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

Manual Integrations
APPROVED

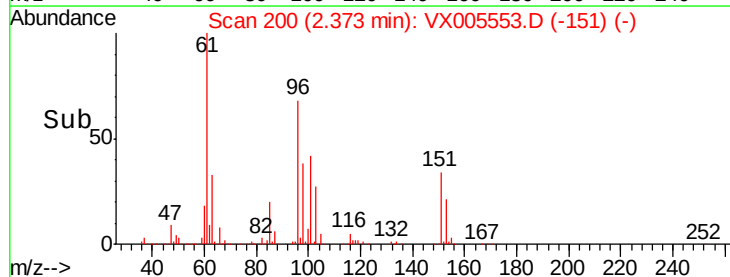
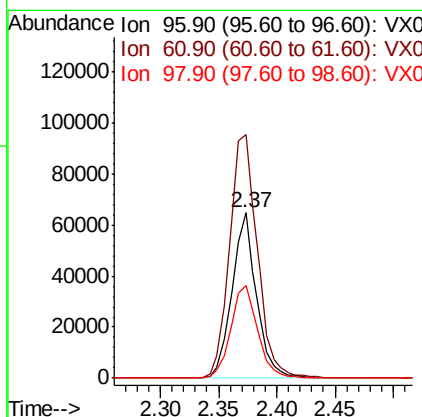
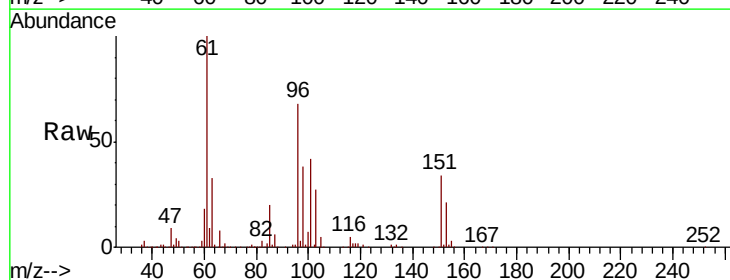
MMDadoda
10/26/2018 11:53:36 AM

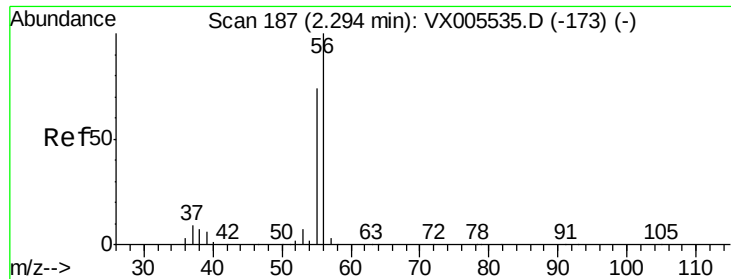


#12

1,1-Dichloroethene
Concen: 48.017 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.5	128.8	193.2
98	56.1	52.2	78.2





#13

Acrolein

Concen: 256.777 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MS

Tot Ion: 56 Resp: 90461

Ion Ratio Lower Upper

56 100

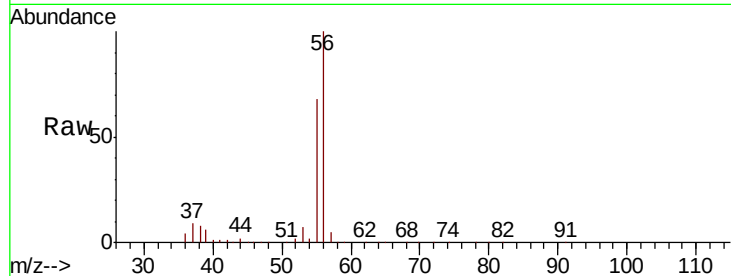
55 71.2 54.7 82.1

Manual Integrations

APPROVED

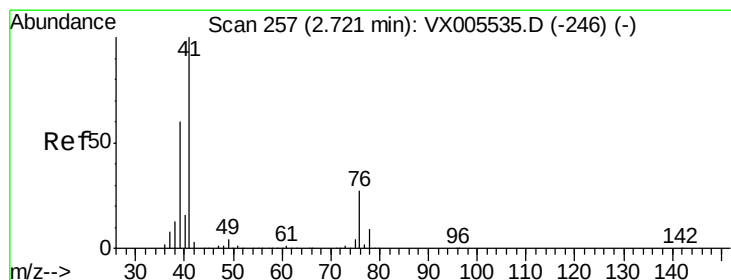
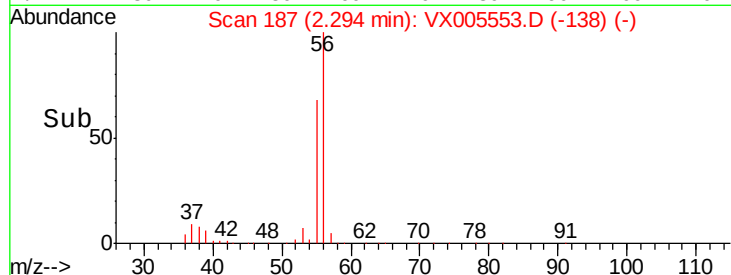
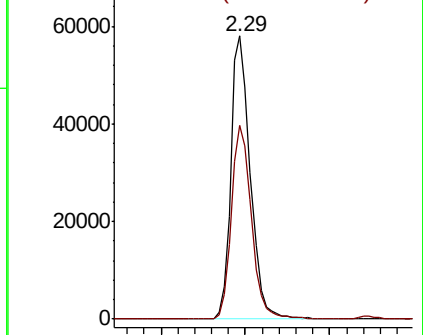
MMDadoda

10/26/2018 11:53:36 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.845 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

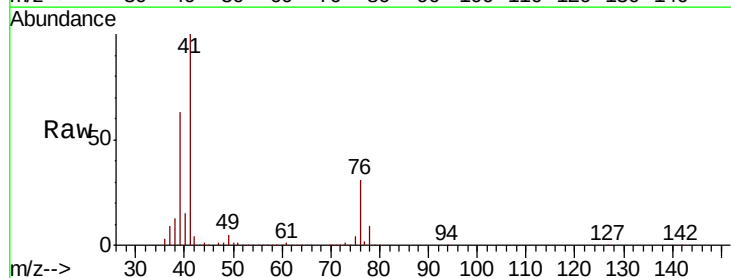
Tgt Ion: 41 Resp: 206334

Ion Ratio Lower Upper

41 100

39 60.1 48.9 73.3

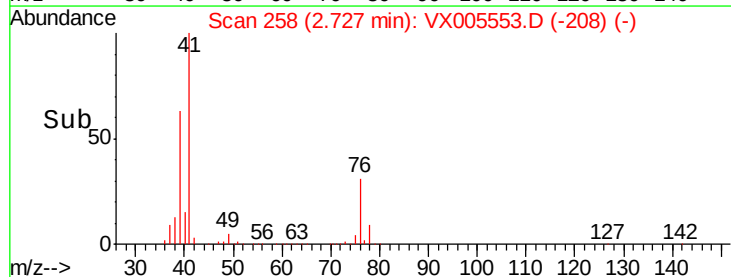
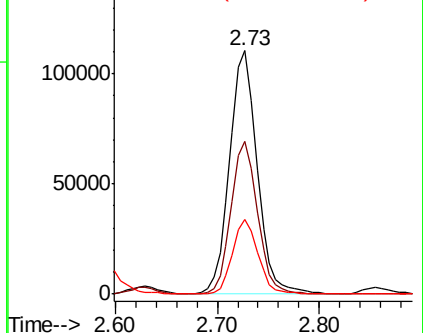
76 28.4 26.7 40.1

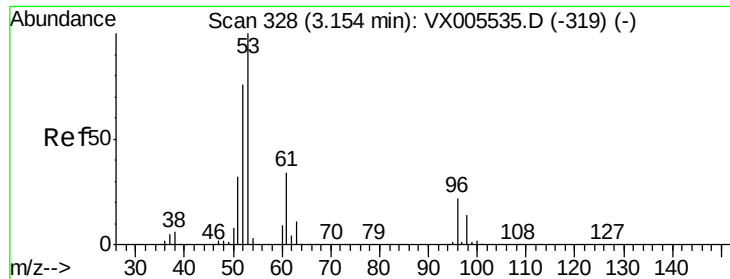


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 252.738 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

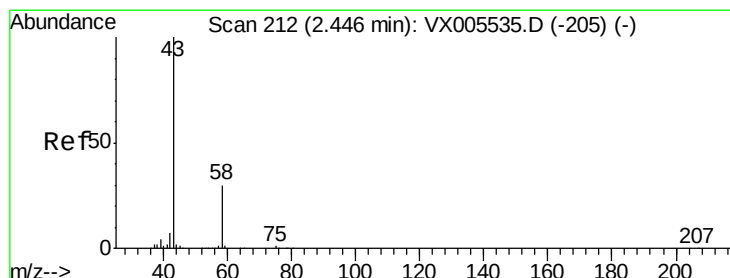
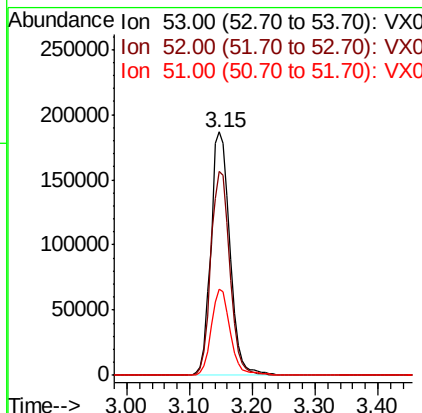
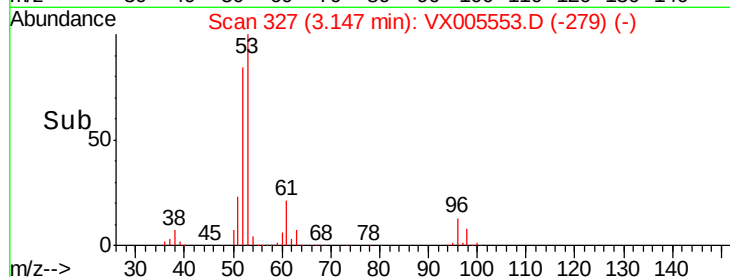
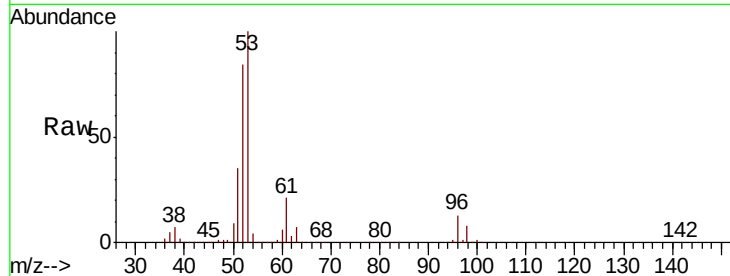
ClientSampleId :

S37-0008MS

Tot Ion:	53	Resp:	391401
Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.2	97.8
51	35.1	28.2	42.2

Manual Integrations
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10/26/2018 11:53:36 AM



#16

Acetone

Concen: 259.453 ug/l

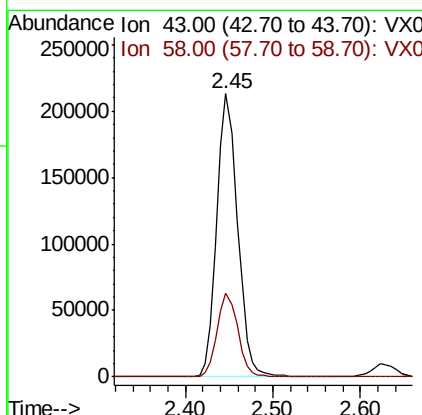
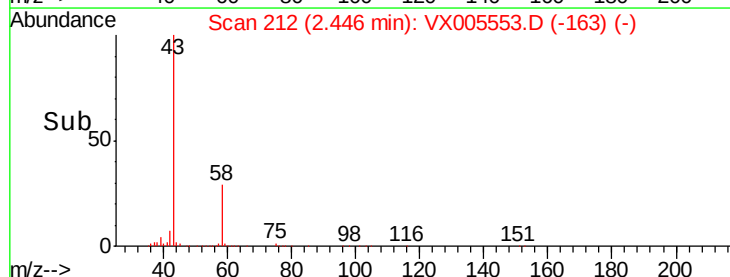
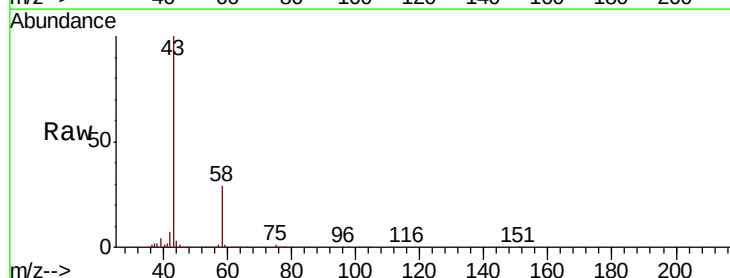
RT: 2.45 min Scan# 212

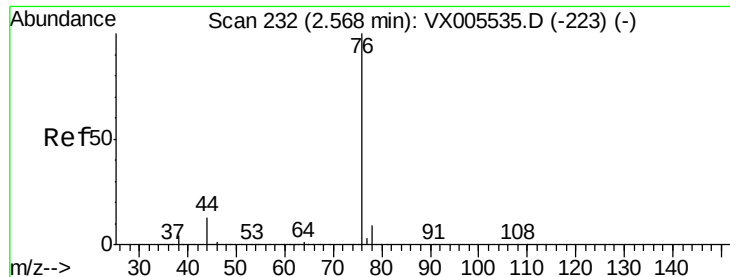
Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Tgt Ion:	43	Resp:	351857
Ion	Ratio	Lower	Upper
43	100		
58	29.4	26.2	39.4





#17

Carbon Disulfide

Concen: 44.965 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MS

Tot Ion: 76 Resp: 270514

Ion Ratio Lower Upper

76 100

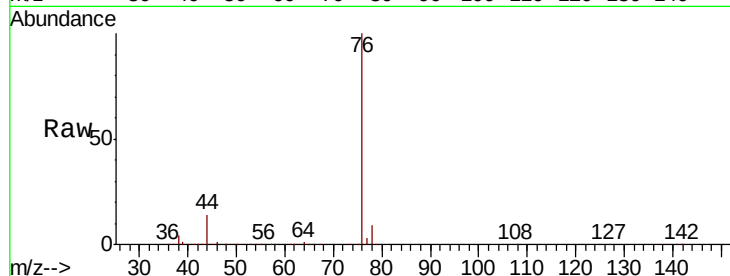
78 9.0 7.0 10.6

Manual Integrations

APPROVED

MMDadoda

10/26/2018 11:53:36 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

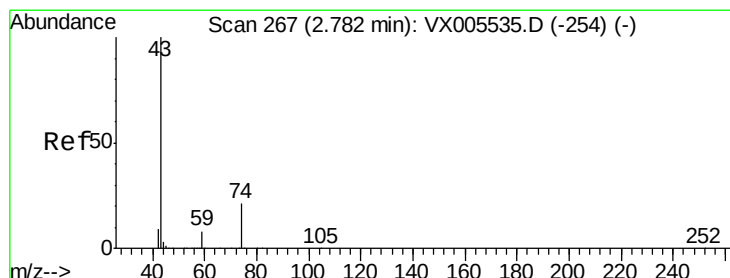
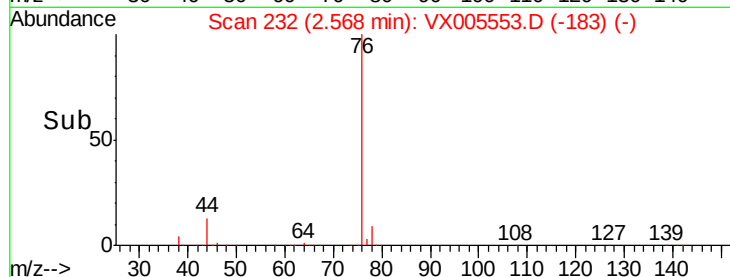
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 50.777 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005553.D

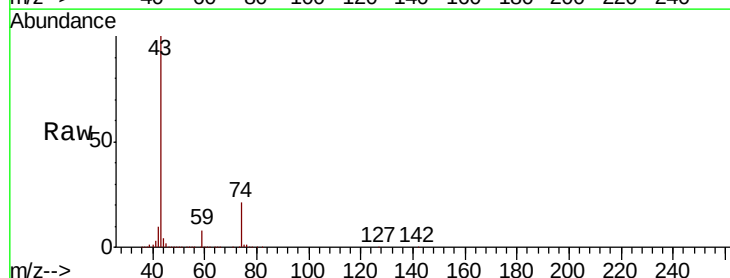
Acq: 24 Oct 2018 20:32

Tgt Ion: 43 Resp: 170037

Ion Ratio Lower Upper

43 100

74 20.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

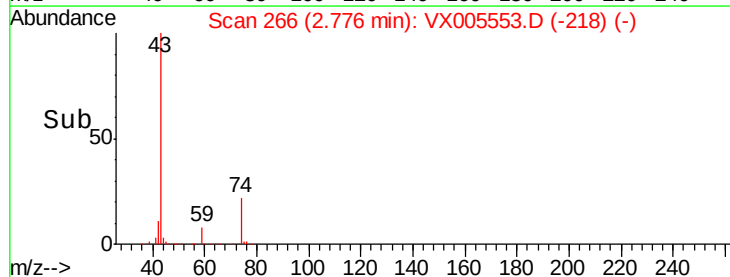
60000

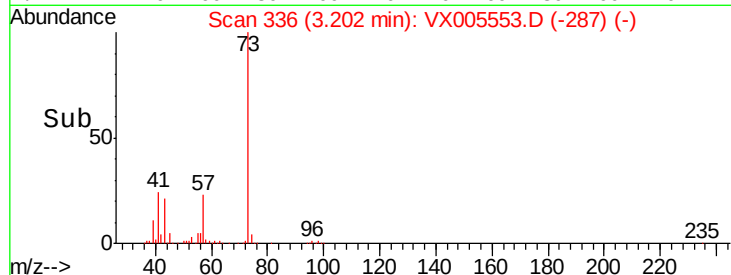
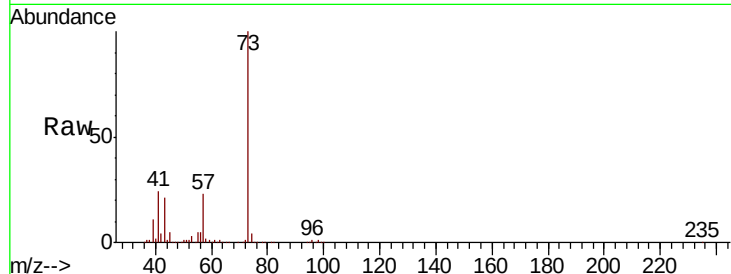
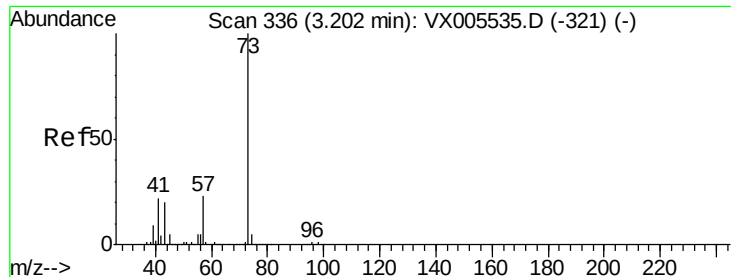
40000

20000

0

Time-->





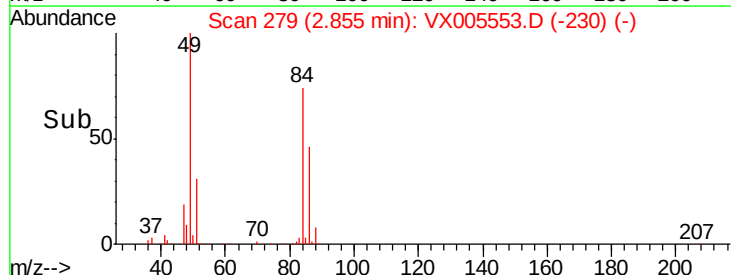
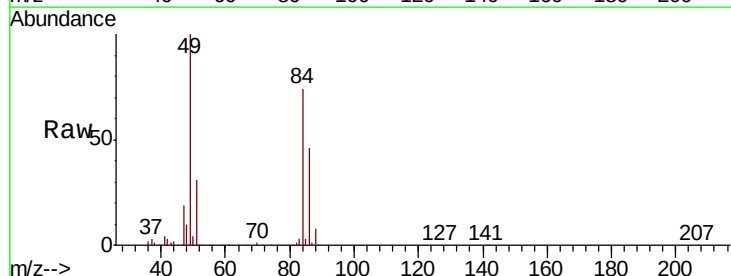
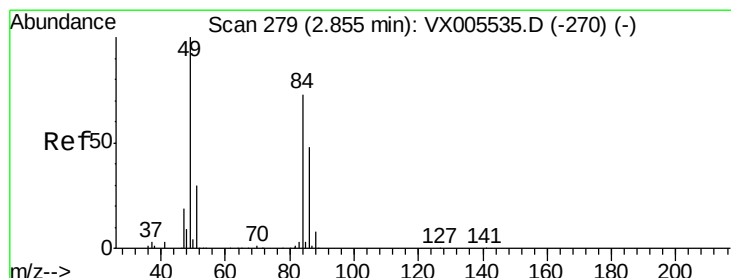
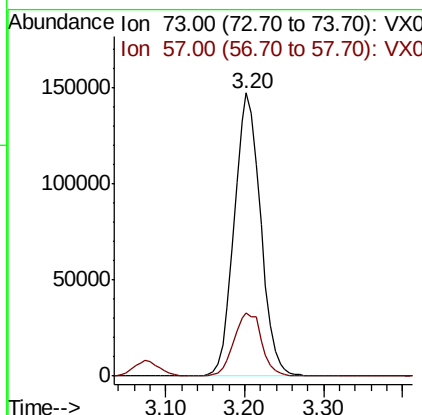
#19
Methyl tert-butyl Ether
Concen: 48.593 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 20:32

Tot Ion	73	Resp	342097
Ion Ratio	100	Lower	Upper
73	100	17.1	25.7
57	22.5		

Instrument :
MSVOA_X
ClientSampleId :
S37-0008MS

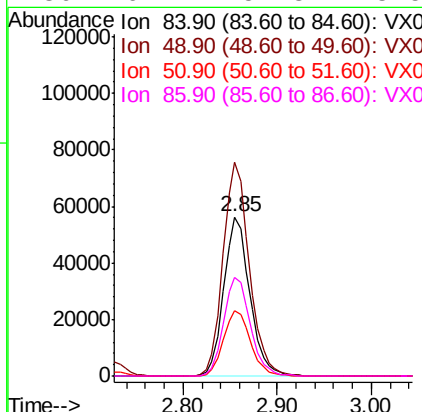
Manual Integrations
APPROVED

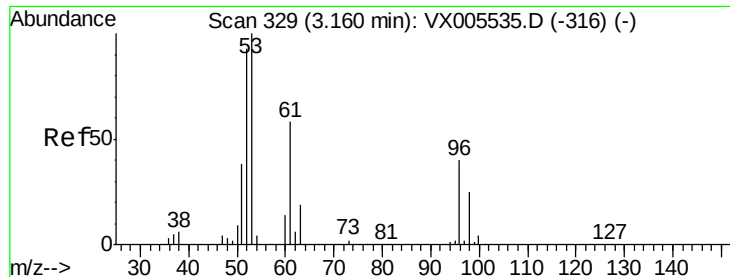
MMDadoda
10/26/2018 11:53:36 AM



#20
Methylene Chloride
Concen: 47.383 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 20:32

Tgt Ion	84	Resp	107622
Ion Ratio	100	Lower	Upper
84	100	101.2	151.8
49	134.6	29.5	44.3
51	41.3	52.3	78.5
86	62.2		





#21

trans-1,2-Dichloroethene

Concen: 46.356 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MS

Tot Ion: 96 Resp: 99890

Ion Ratio Lower Upper

96 100

61 153.2 113.8 170.6

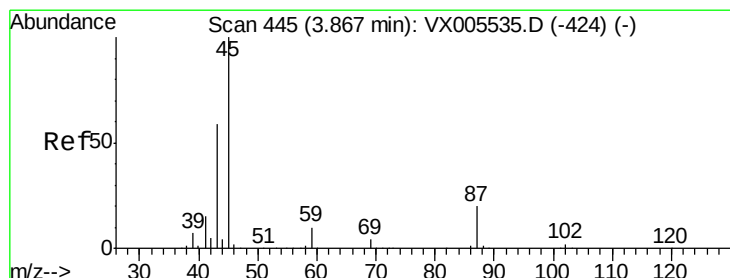
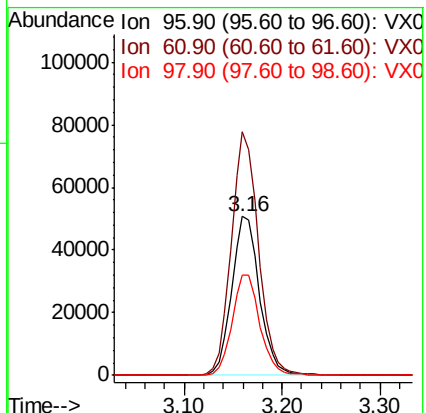
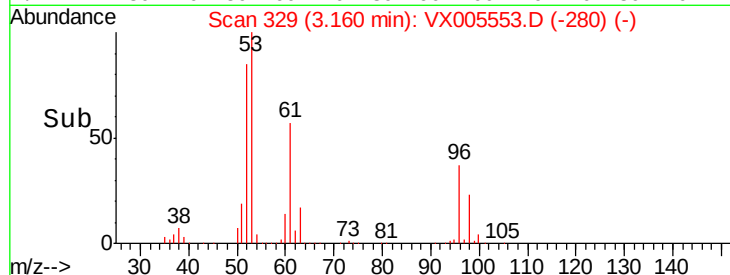
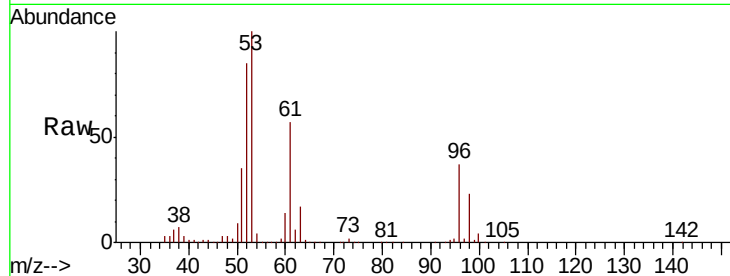
98 63.5 51.8 77.8

Manual Integrations

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MMDadoda

10/26/2018 11:53:36 AM



#22

Diisopropyl ether

Concen: 47.828 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Tgt Ion: 45 Resp: 367883

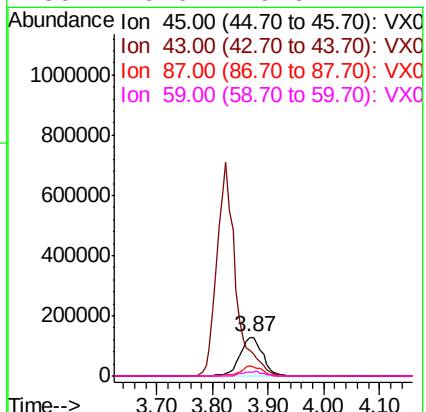
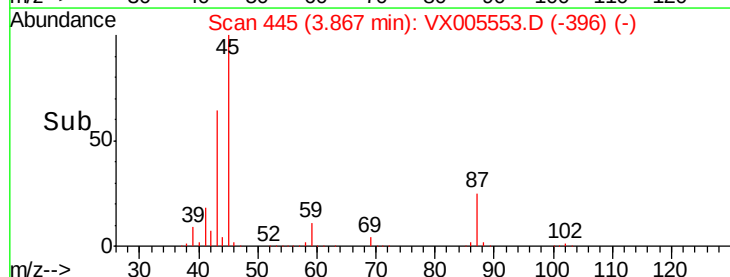
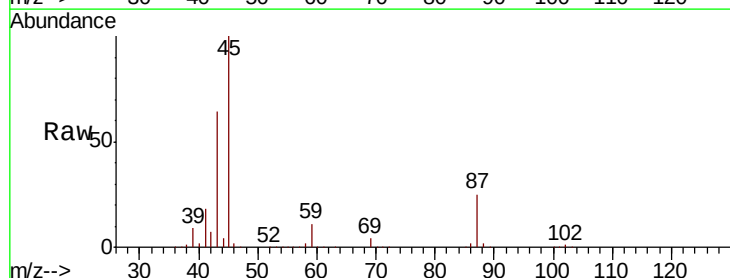
Ion Ratio Lower Upper

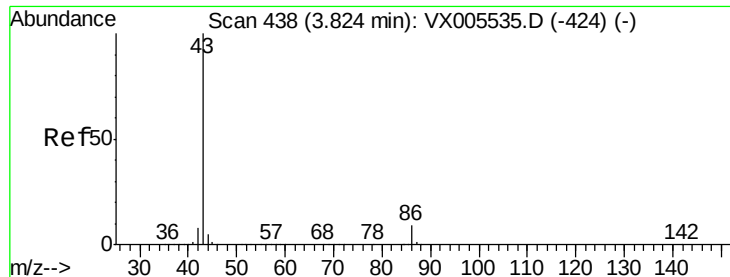
45 100

43 64.1 42.8 64.2

87 25.4 22.6 34.0

59 10.6 9.6 14.4





#23

Vinyl Acetate

Concen: 248.064 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MS

Tot Ion: 43 Resp: 1680434

Ion Ratio Lower Upper

43 100

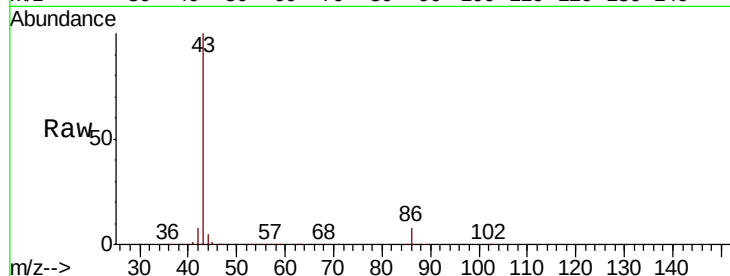
86 8.1 8.9 13.3#

Manual Integrations

APPROVED

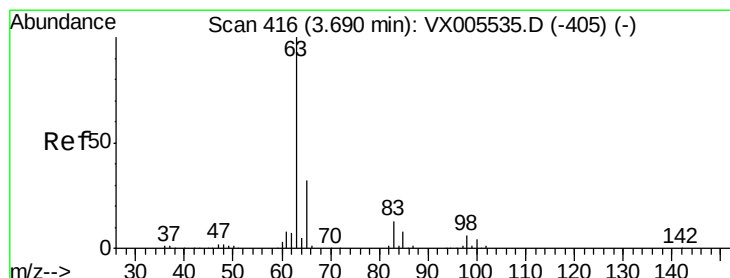
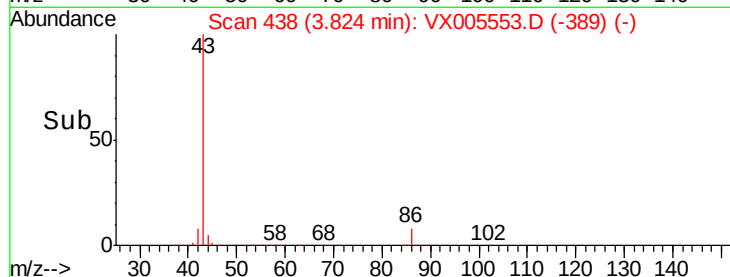
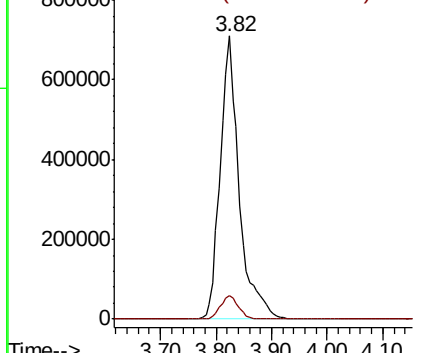
MMDadoda

10/26/2018 11:53:36 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.307 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005535.D

Acq: 24 Oct 2018 20:32

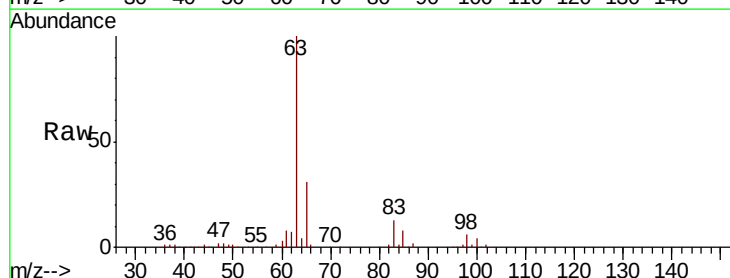
Tgt Ion: 63 Resp: 202015

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.4

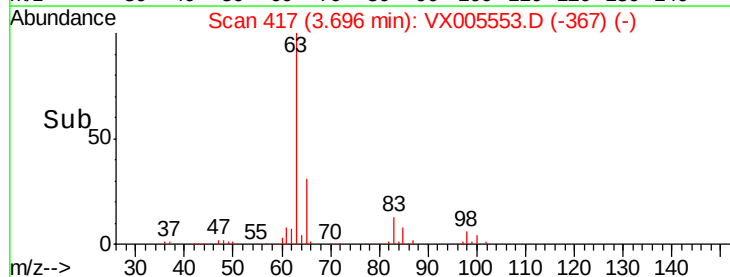
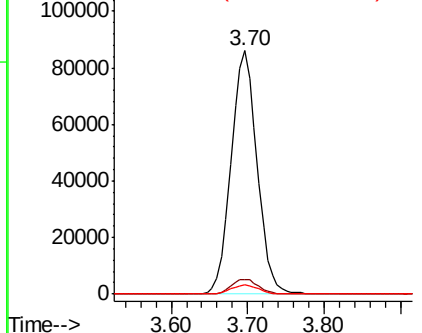
100 4.0 2.4 7.1

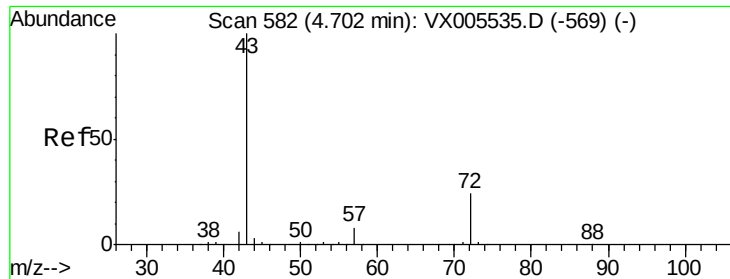


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 255.149 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MS

Tot Ion: 43 Resp: 526919

Ion Ratio Lower Upper

43 100

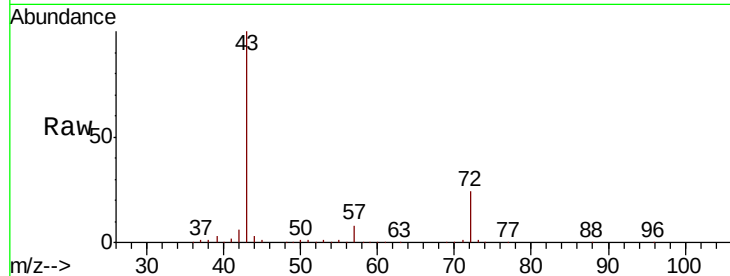
72 23.6 22.0 33.0

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

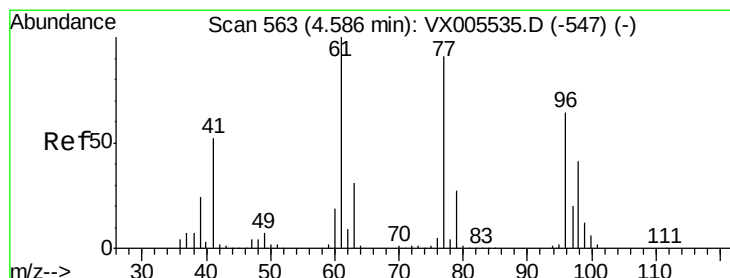
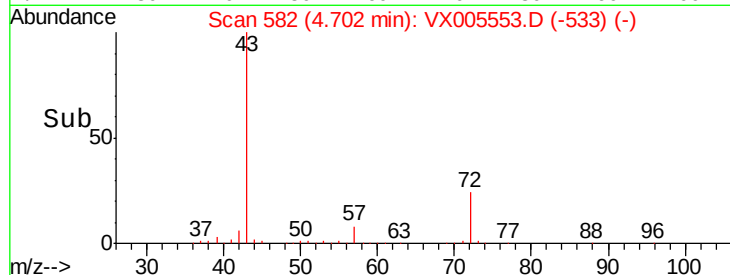
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 42.352 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005553.D

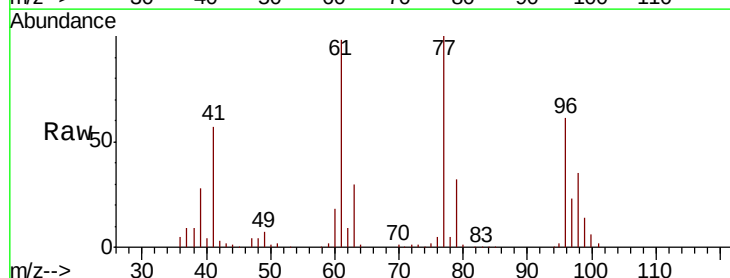
Acq: 24 Oct 2018 20:32

Tgt Ion: 77 Resp: 136735

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

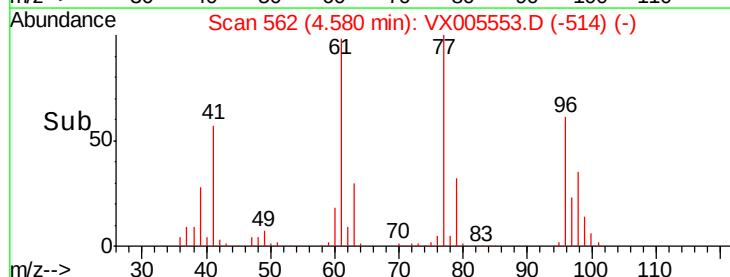
30000

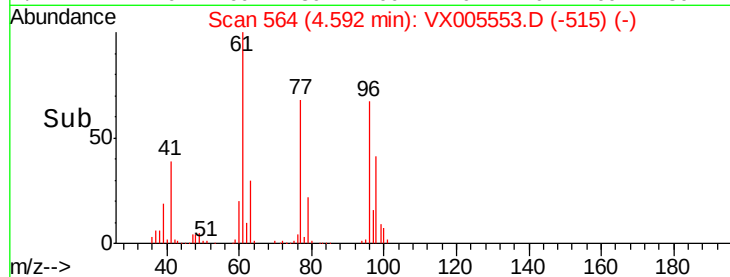
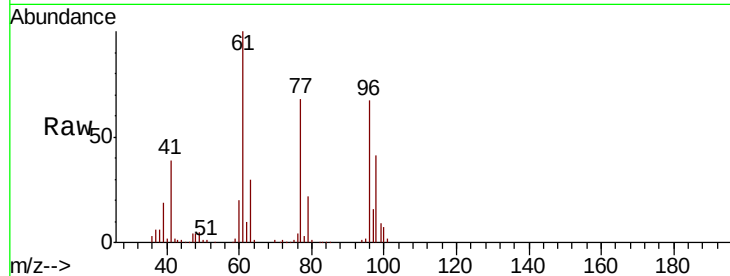
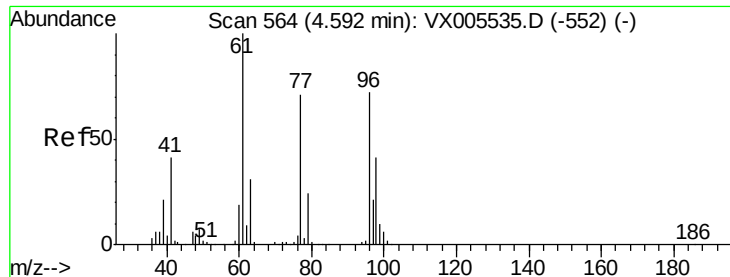
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 47.125 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Tot Ion:	96	Resp:	109475
Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	282.6
98	62.7	0.0	130.2

Instrument :

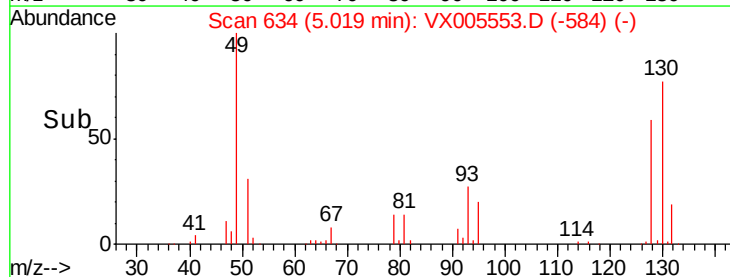
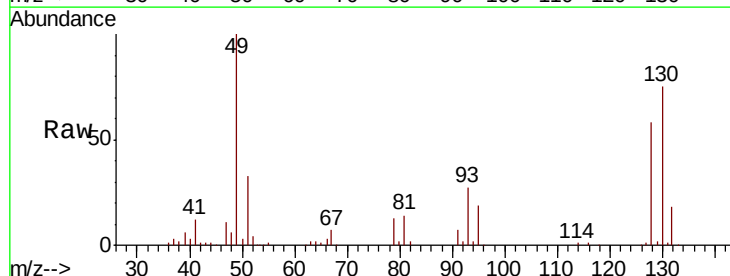
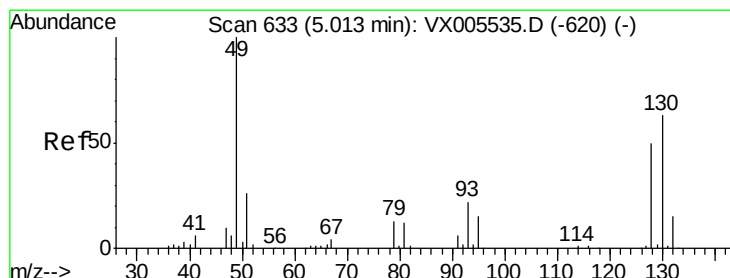
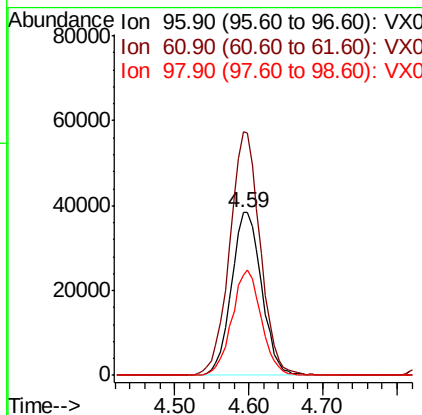
MSVOA_X

ClientSampleId :

S37-0008MS

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#28

Bromochloromethane

Concen: 48.868 ug/l

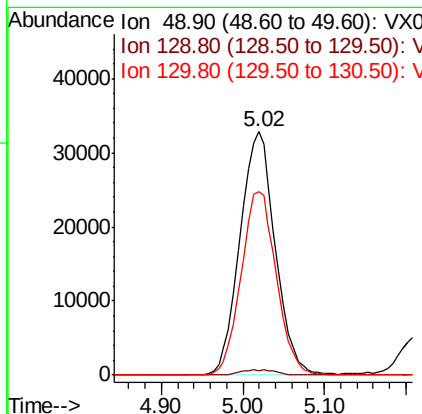
RT: 5.02 min Scan# 634

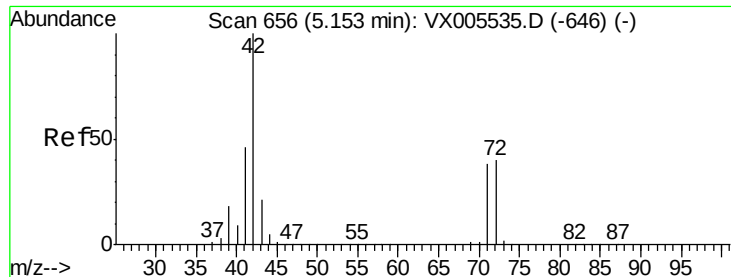
Delta R.T. 0.01 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Tgt Ion:	49	Resp:	98840
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	75.2	67.5	101.3





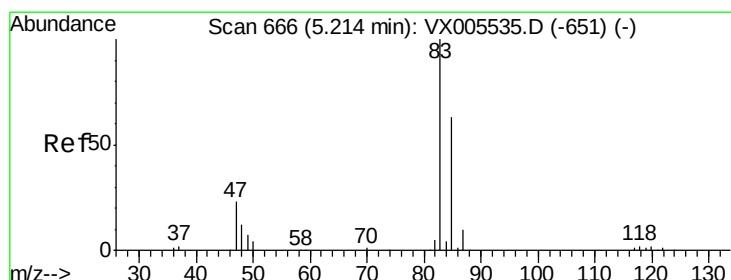
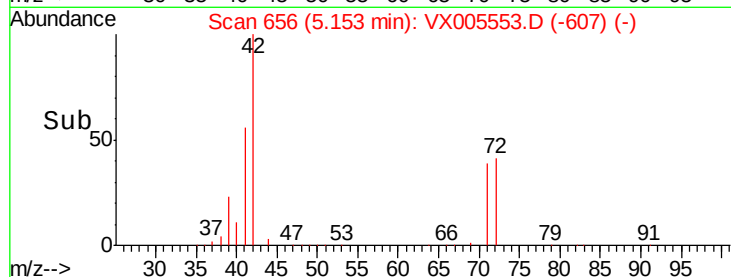
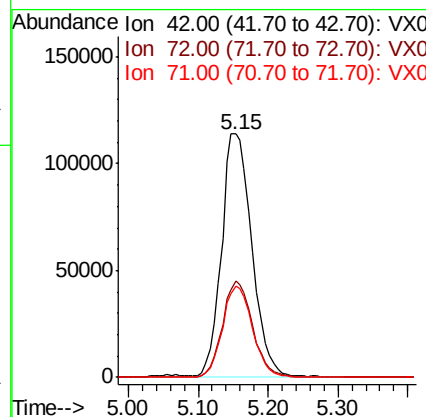
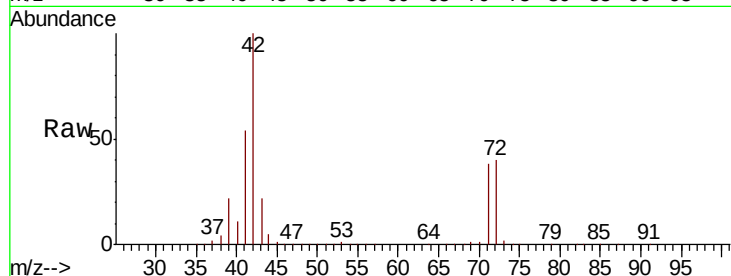
#29
Tetrahydrofuran
Concen: 254.688 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Instrument :
MSVOA_X
ClientSampleId :
S37-0008MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.4	37.4	56.0
71	37.3	34.5	51.7

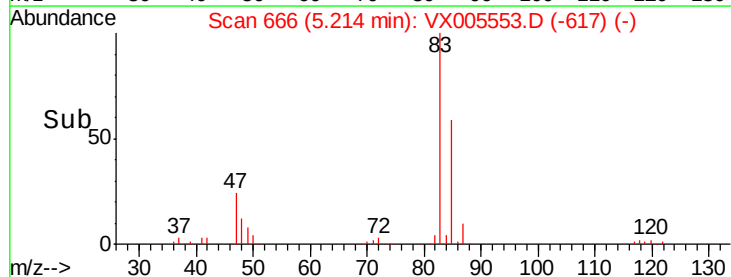
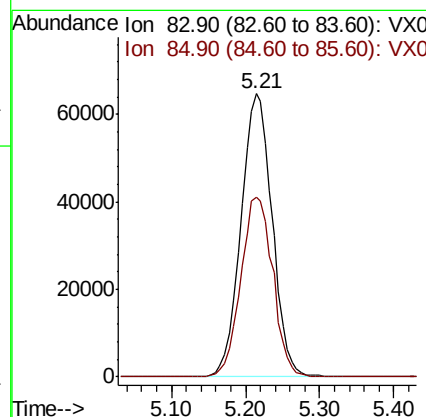
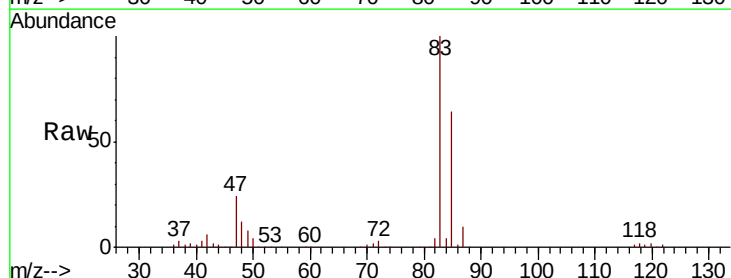
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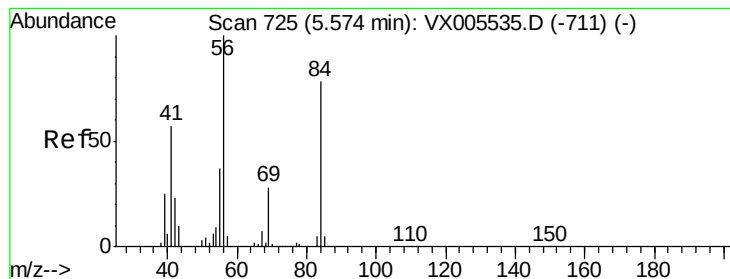
MMDadoda
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#30
Chloroform
Concen: 48.561 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.6	79.0





#31

Cyclohexane

Concen: 48.557 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

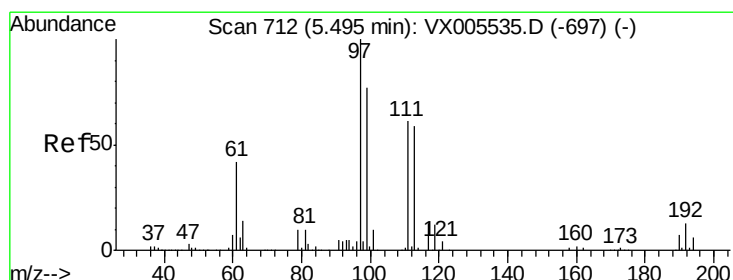
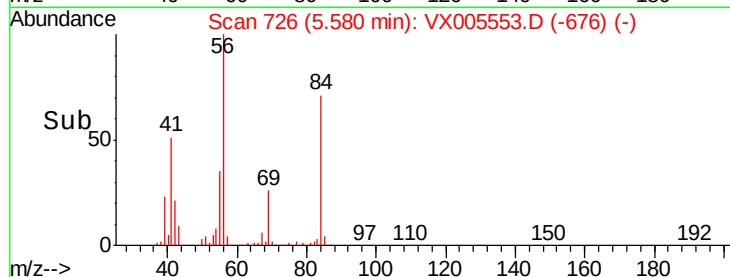
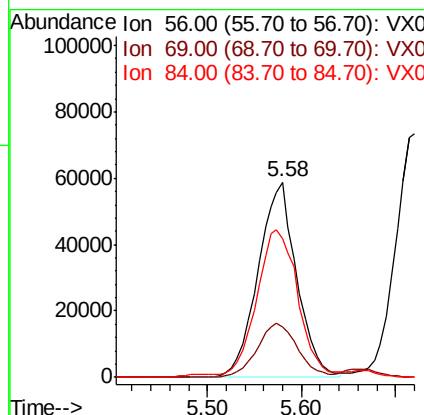
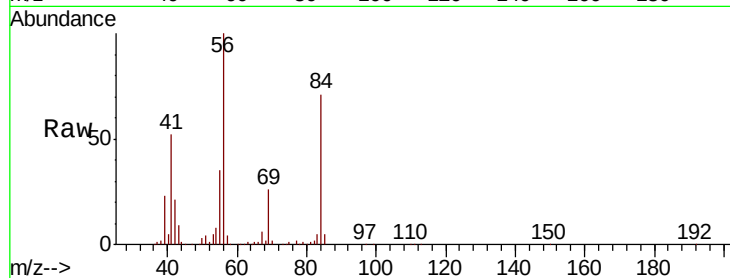
ClientSampleId :

S37-0008MS

Tot Ion:	56	Resp:	168010
Ion	Ratio	Lower	Upper
56	100		
69	26.0	25.4	38.2
84	70.1	71.4	107.2#

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#32

1,1,1-Trichloroethane

Concen: 48.212 ug/l

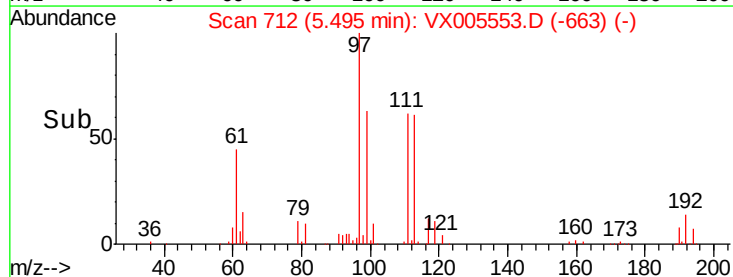
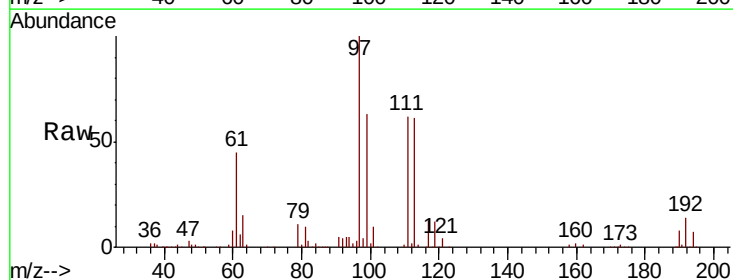
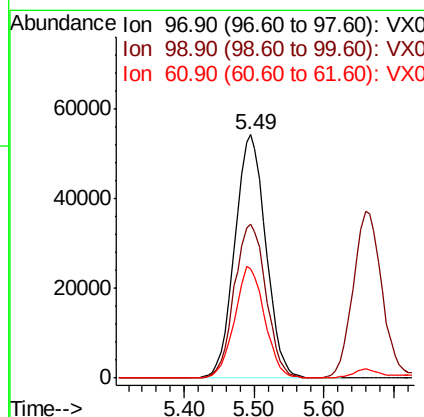
RT: 5.49 min Scan# 712

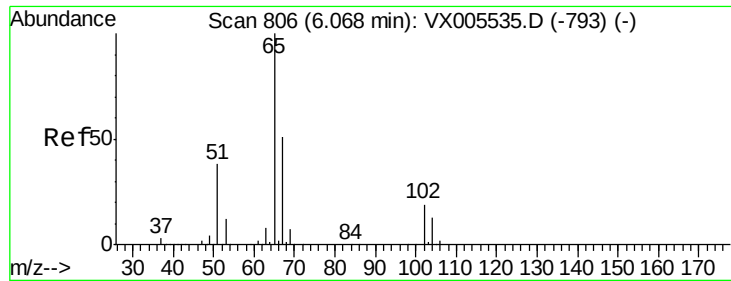
Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Tgt Ion:	97	Resp:	166453
Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.0	78.0
61	44.6	34.9	52.3





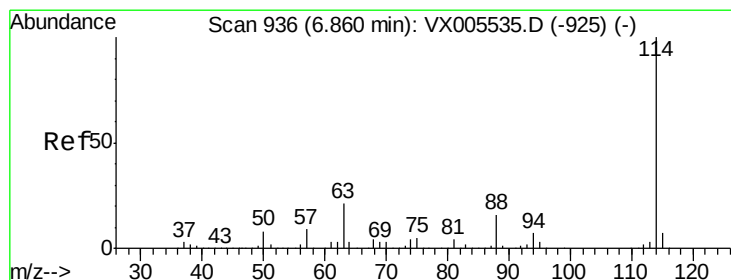
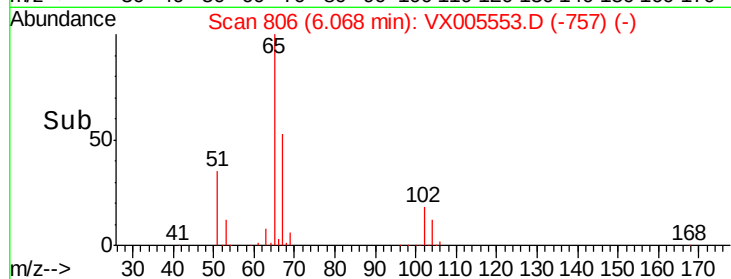
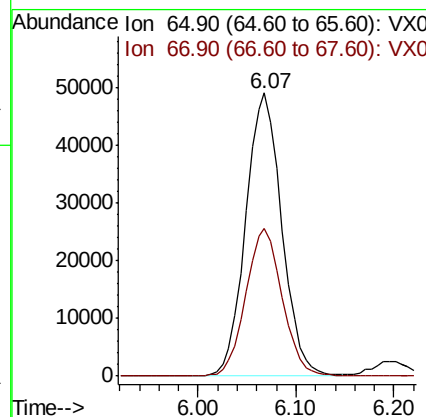
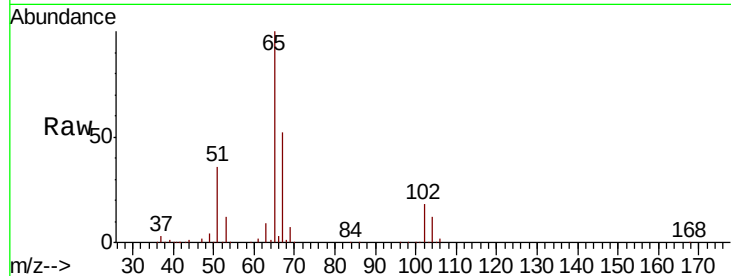
#33
 1,2-Dichloroethane-d4
 Concen: 48.932 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.8

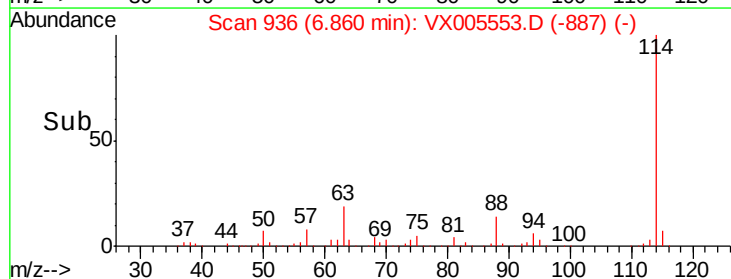
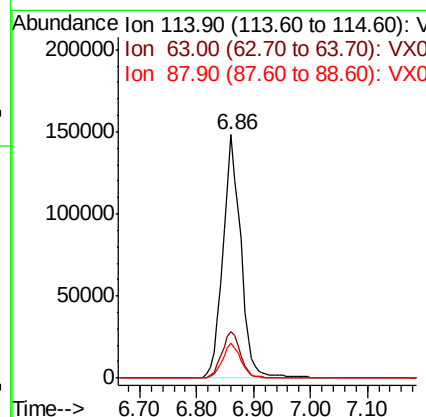
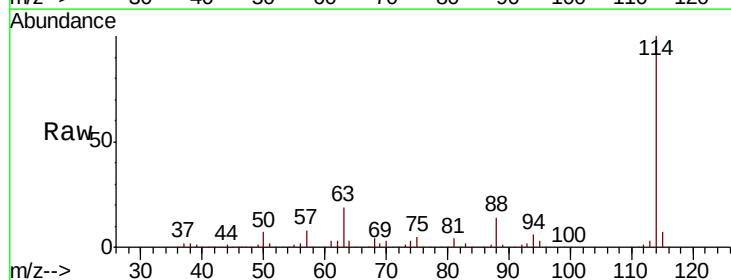
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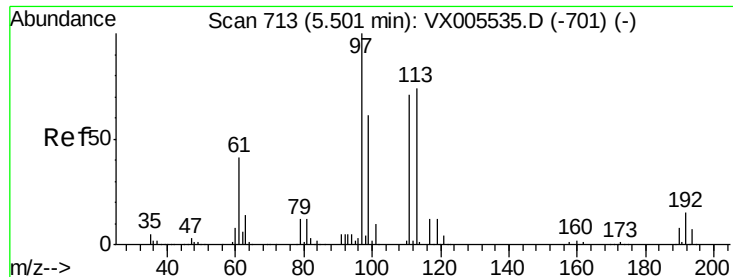
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.0
88	14.1	0.0	30.4





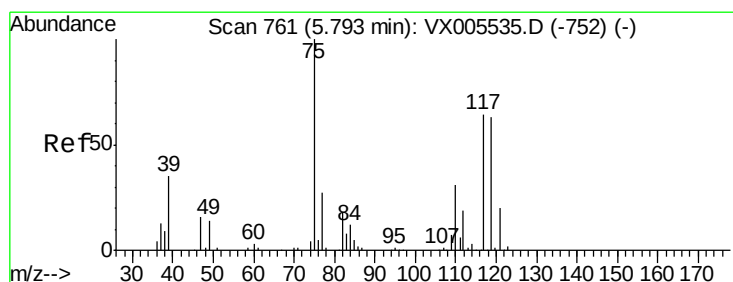
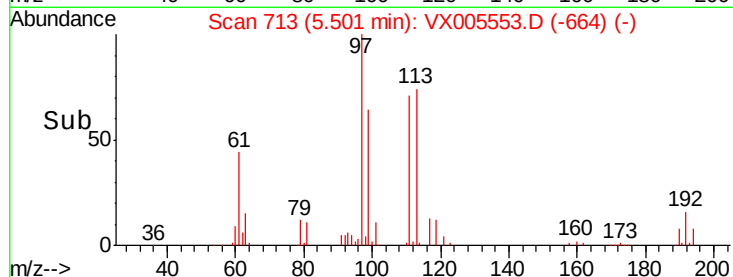
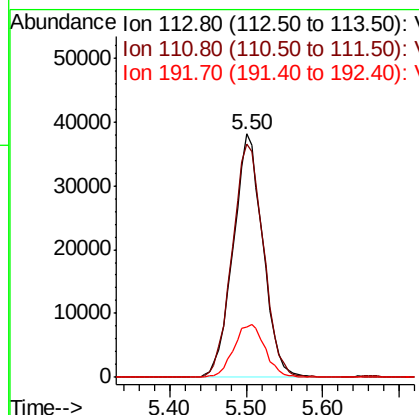
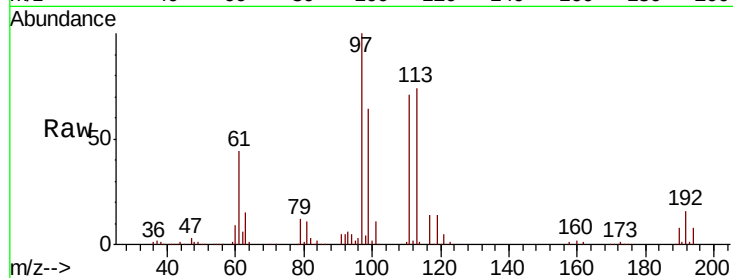
#35
 Dibromofluoromethane
 Concen: 46.538 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	102153		
111	101.2	82.4	123.6	
192	23.1	19.4	29.2	

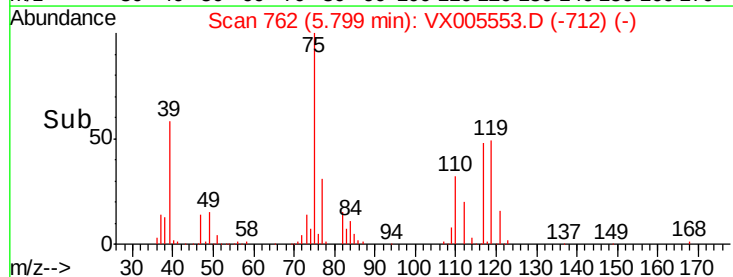
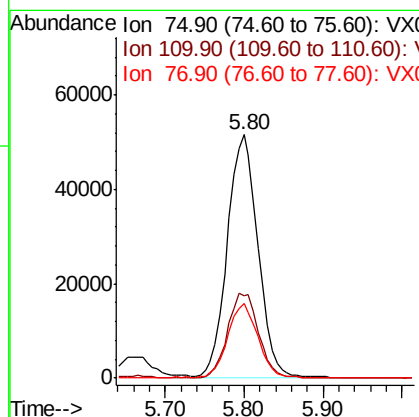
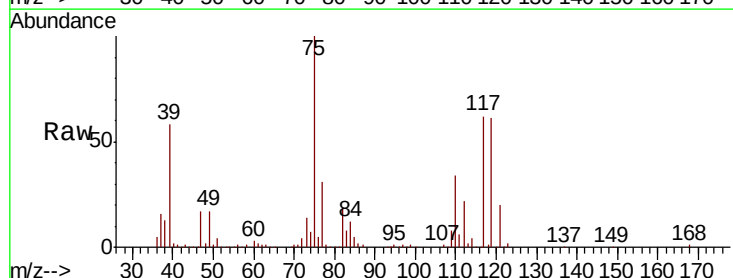
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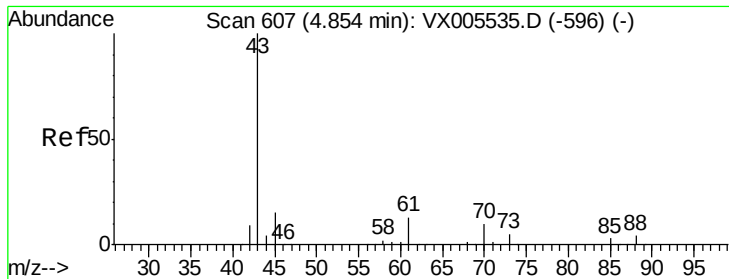
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#36
 1,1-Dichloropropene
 Concen: 44.059 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	138610		
110	35.7	18.0	54.0	
77	30.3	24.6	36.8	





#37

Ethyl Acetate

Concen: 43.872 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

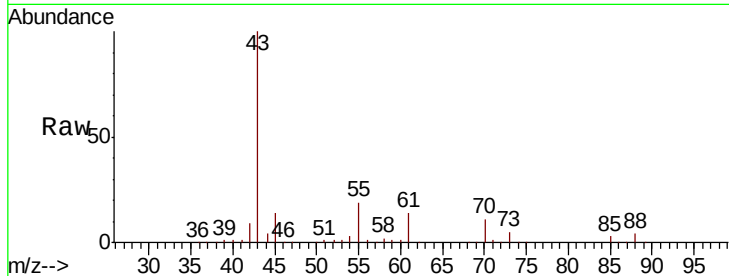
ClientSampled :

S37-0008MS

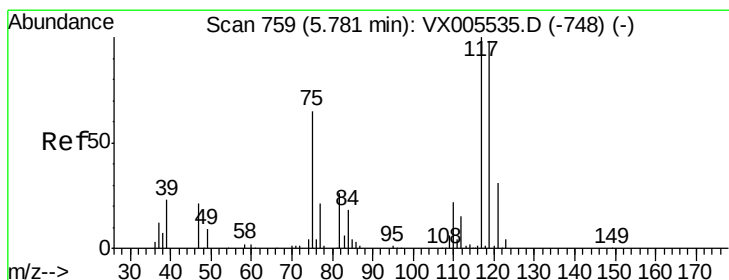
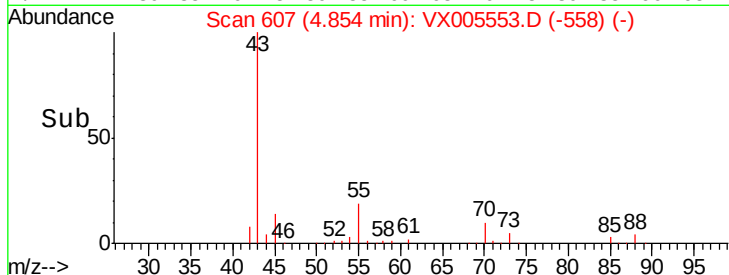
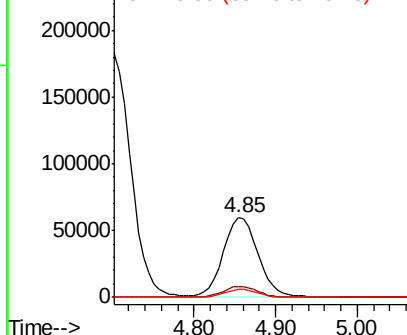
Tot Ion:	43	Resp:	176126
Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.5	17.3
70	9.6	9.0	13.6

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



#38

Carbon Tetrachloride

Concen: 44.105 ug/l

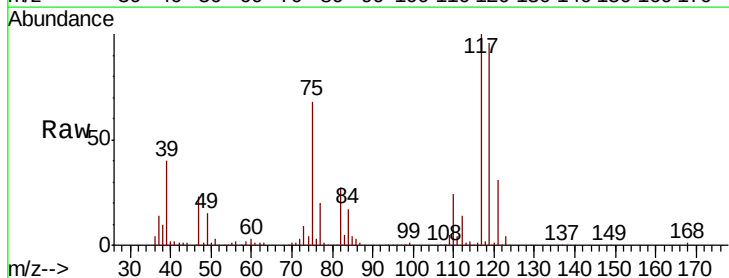
RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

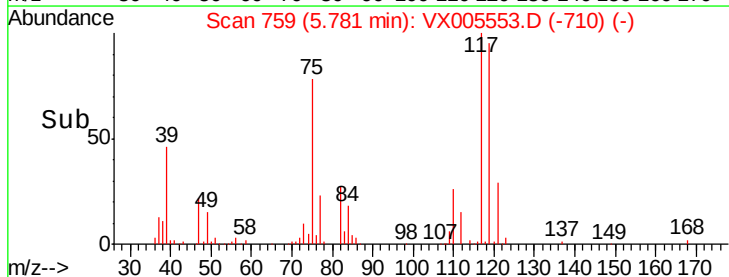
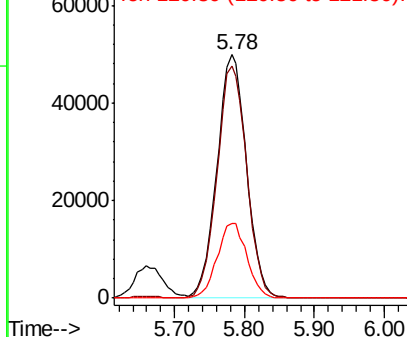
Lab File: VX005553.D

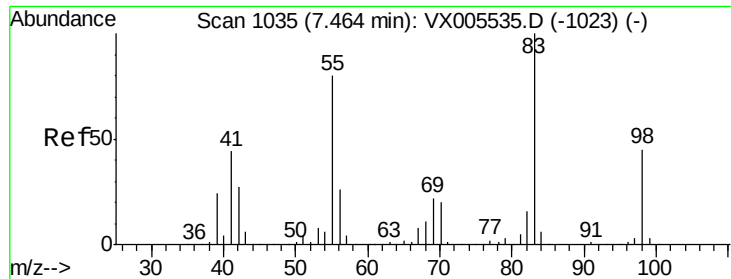
Acq: 24 Oct 2018 20:32

Tgt Ion:	117	Resp:	146138
Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.8	118.2
121	30.9	24.9	37.3



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





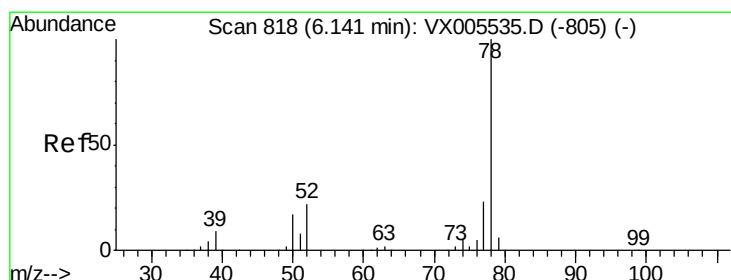
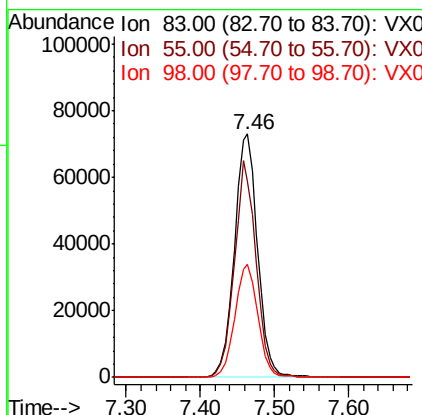
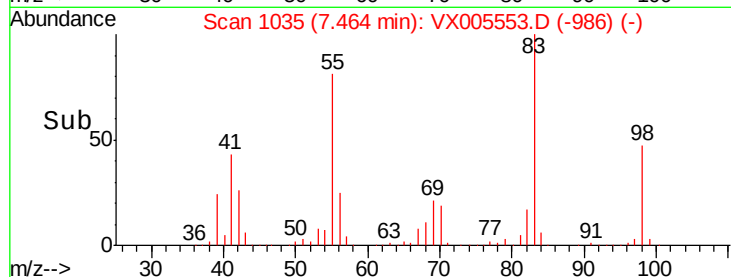
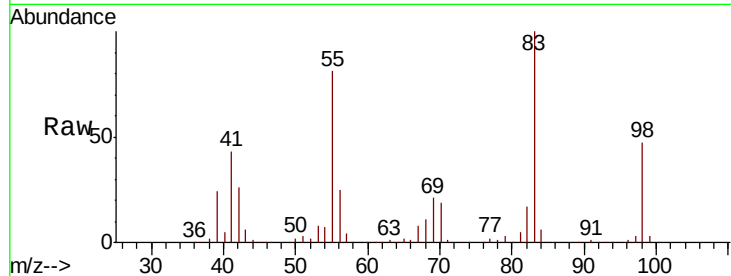
#39
Methylvlcyclohexane
Concen: 45.973 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Instrument :
MSVOA_X
ClientSampleId :
S37-0008MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	80.7	61.0	91.4	
98	46.5	39.6	59.4	

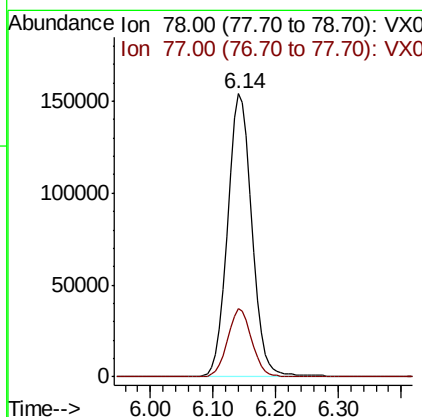
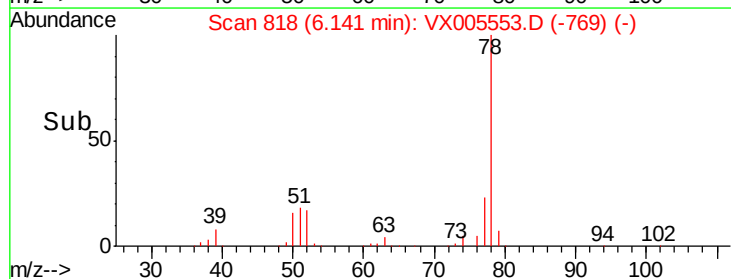
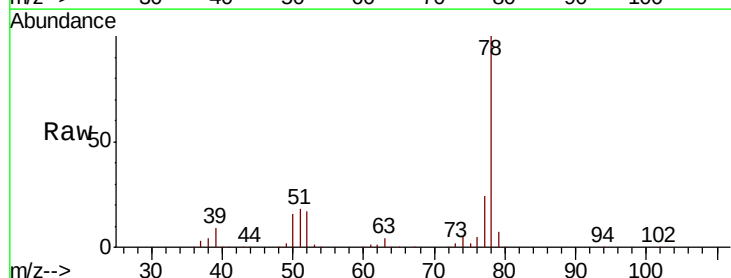
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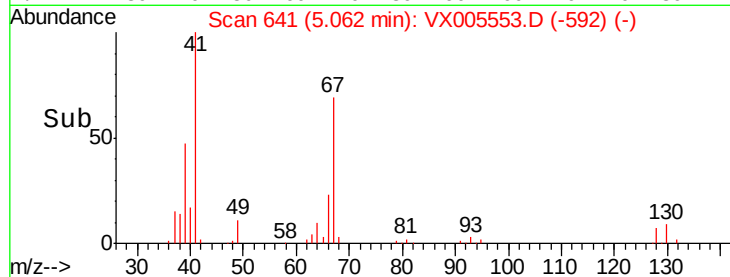
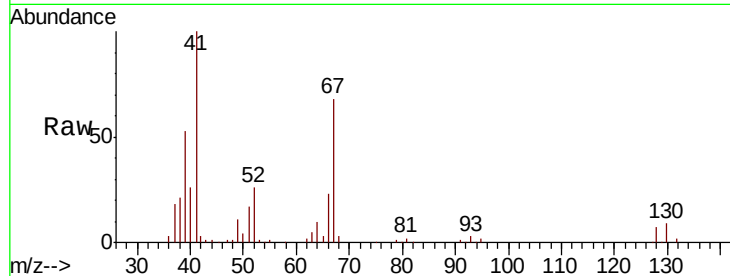
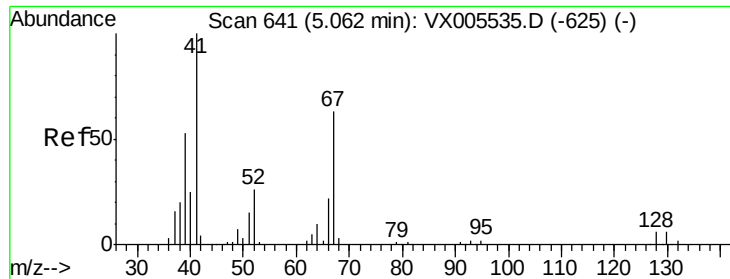
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#40
Benzene
Concen: 45.915 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.0	19.0	28.4	





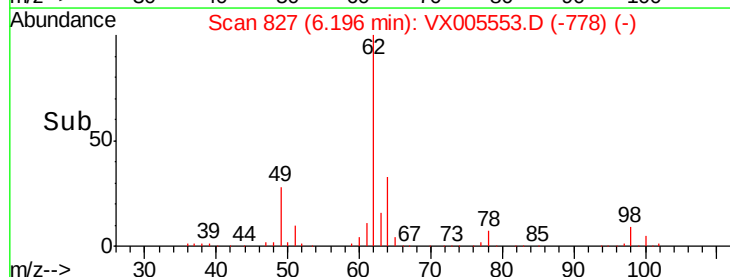
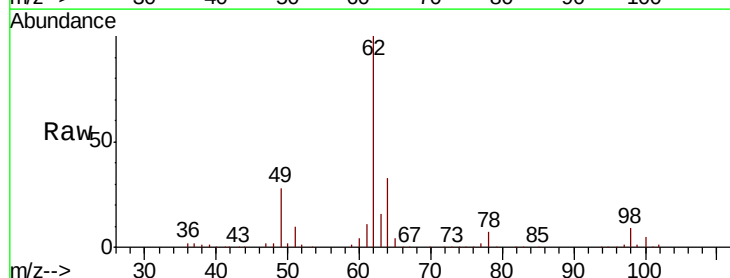
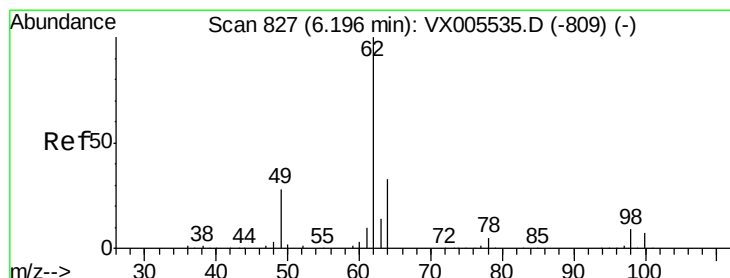
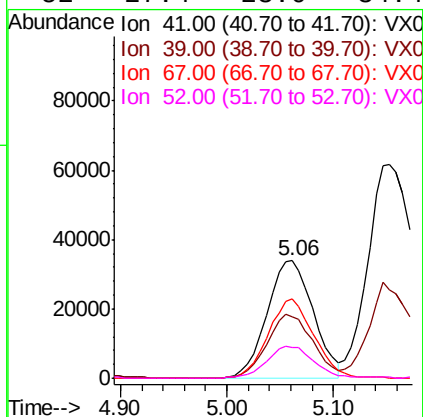
#41
Methacrylonitrile
Concen: 45.380 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 20:32

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.9	42.4	63.6	
67	67.0	59.2	88.8	
52	27.4	23.0	34.4	

Instrument :
MSVOA_X
ClientSampleId :
S37-0008MS

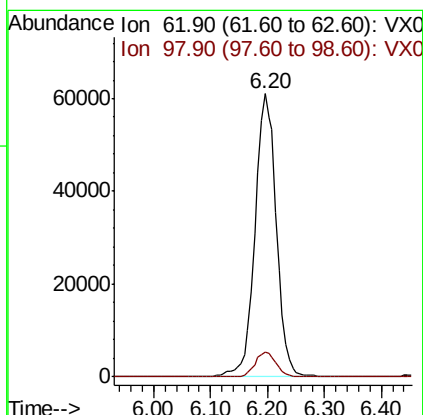
Manual Integrations
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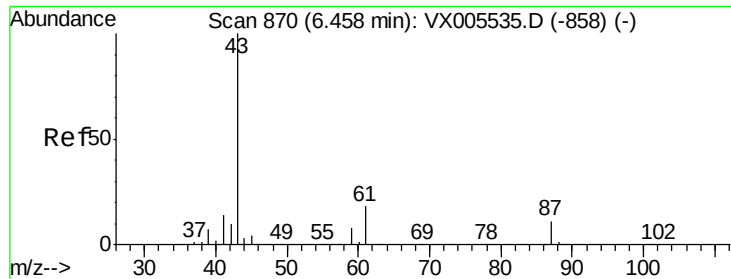
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#42
1,2-Dichloroethane
Concen: 46.200 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 20:32

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	20.6	





#43

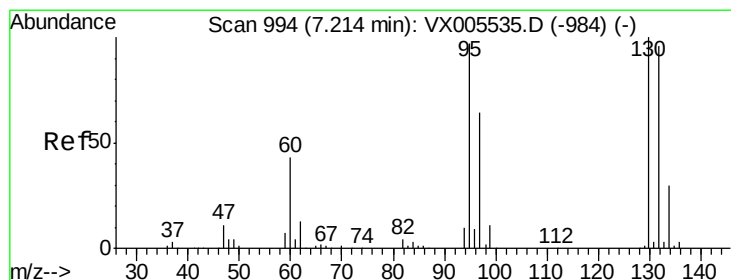
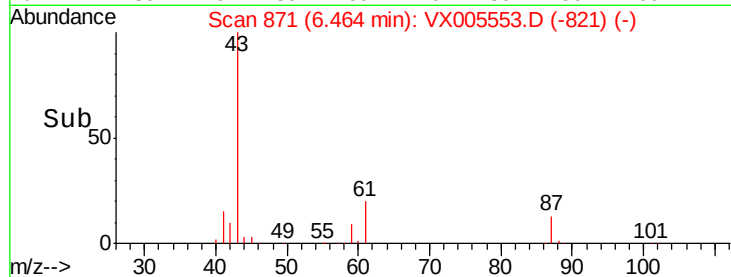
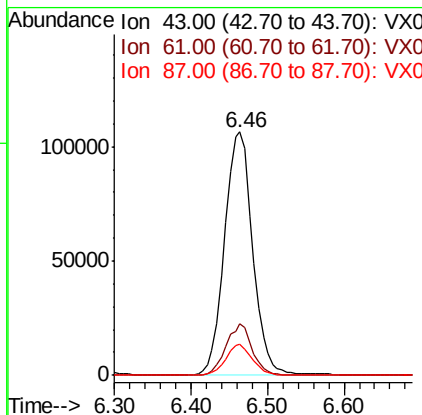
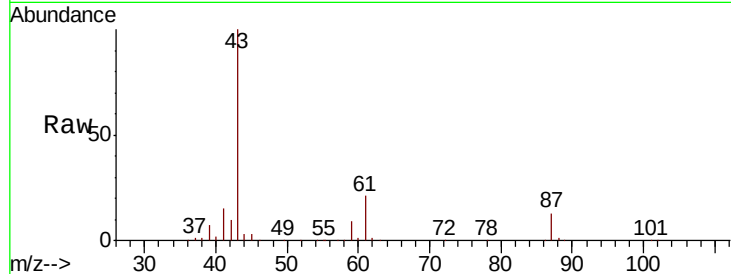
Isopropyl Acetate
 Concen: 44.824 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	17.0	25.4
87	12.2	11.4	17.2

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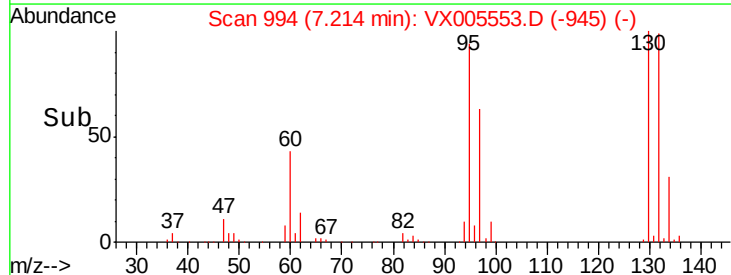
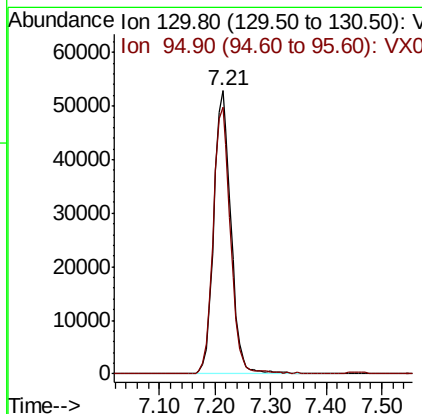
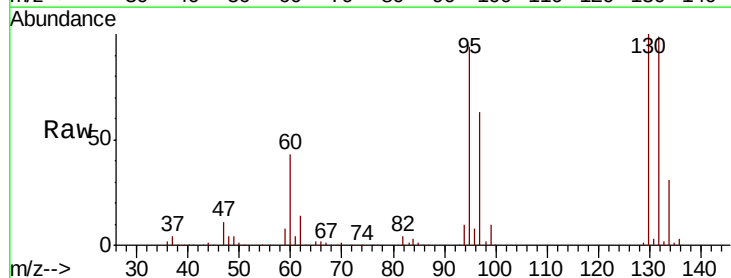
MMDadoda
 10/26/2018 11:53:36 AM

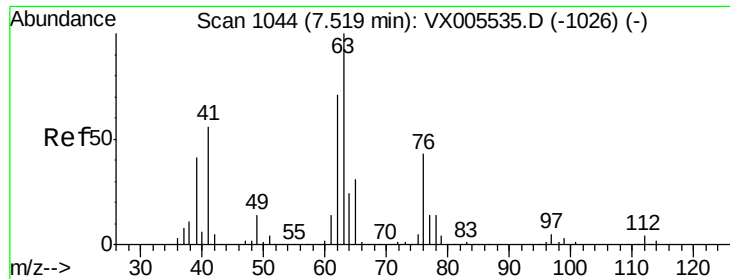


#44

Trichloroethene
 Concen: 46.030 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	181.6





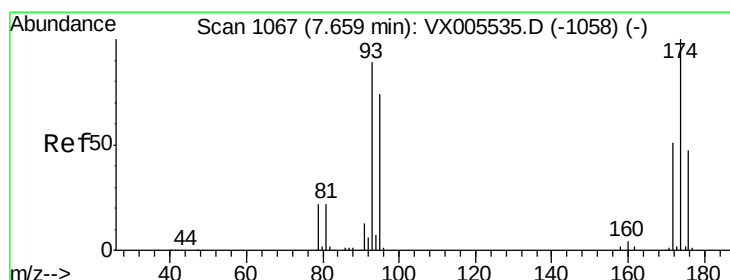
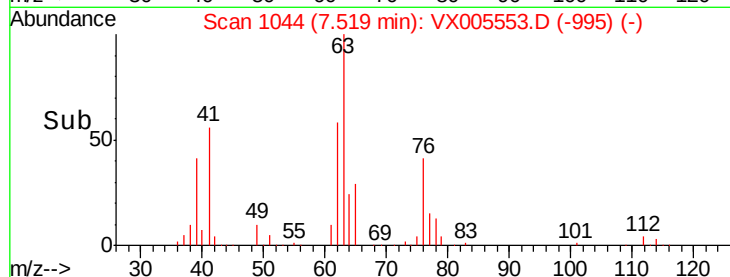
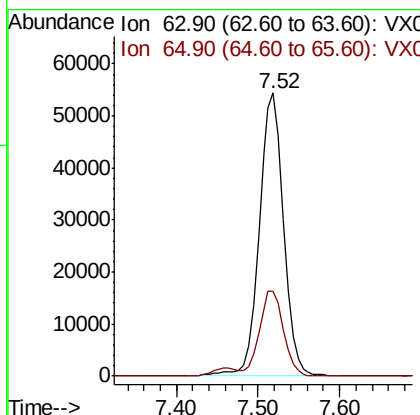
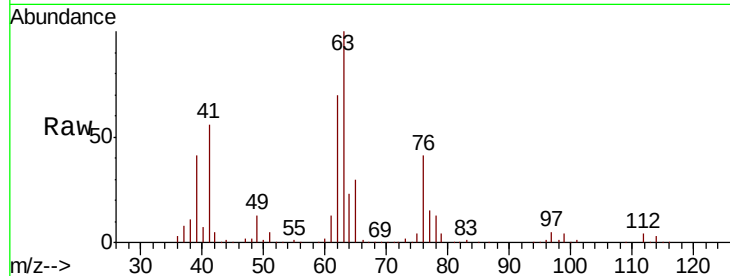
#45
 1,2-Dichloropropane
 Concen: 46.644 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.3	36.5

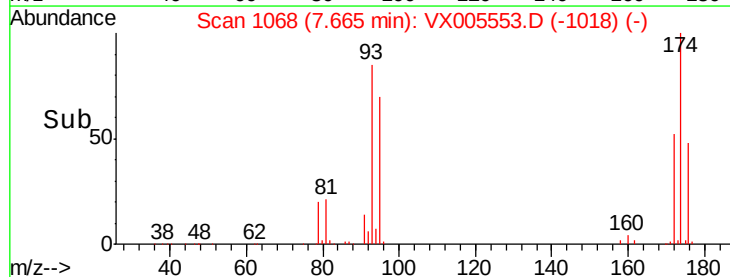
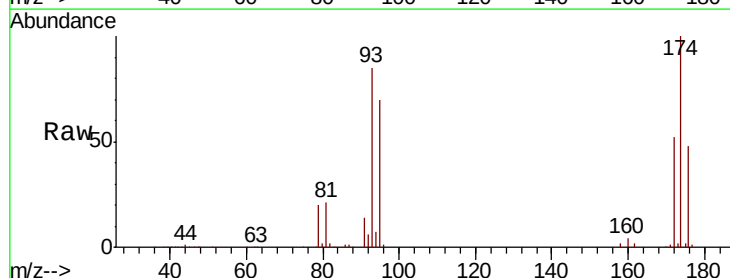
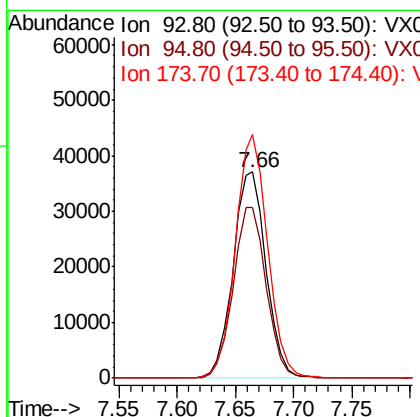
Manual Integrations
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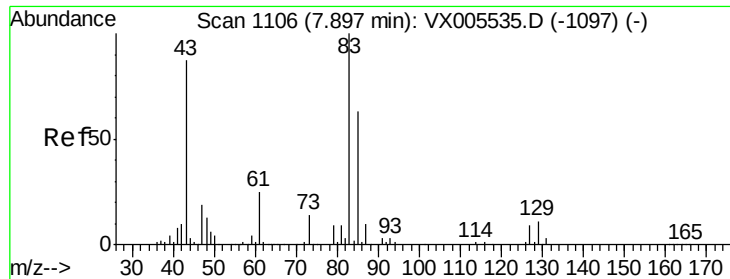
MMDadoda
 10/26/2018 11:53:36 AM



#46
 Dibromomethane
 Concen: 46.627 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	65.5	98.3
174	115.5	94.2	141.4





#47

Bromodichloromethane

Concen: 47.112 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

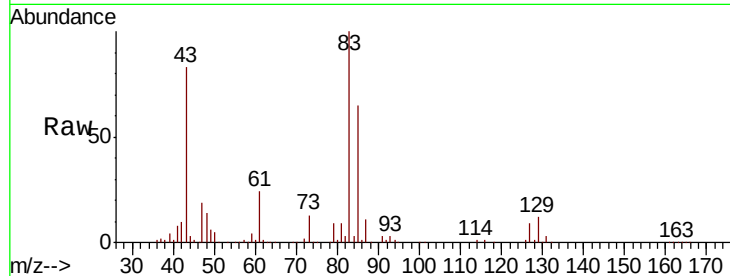
ClientSampleId :

S37-0008MS

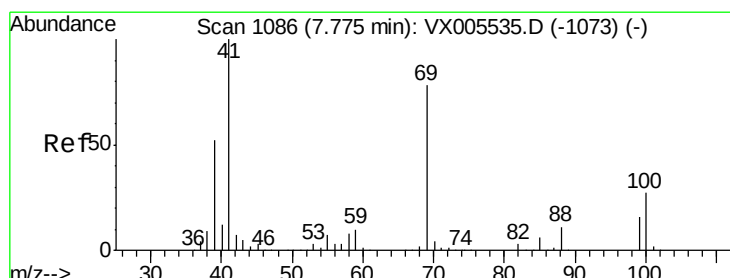
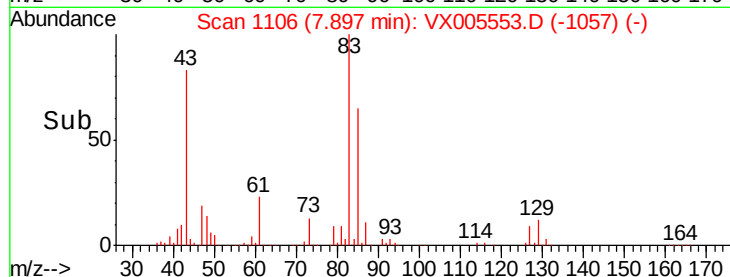
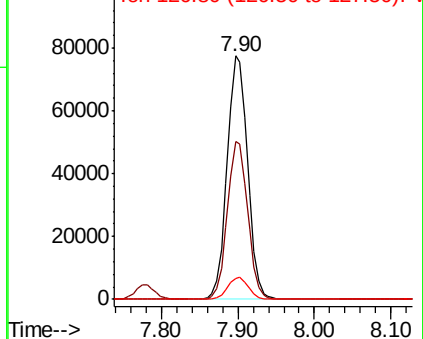
Tot Ion:	83	Resp:	143188
Ion Ratio	Lower	Upper	
83	100		
85	65.0	50.9	76.3
127	8.8	7.3	10.9

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



#48

Methyl methacrylate

Concen: 49.704 ug/l

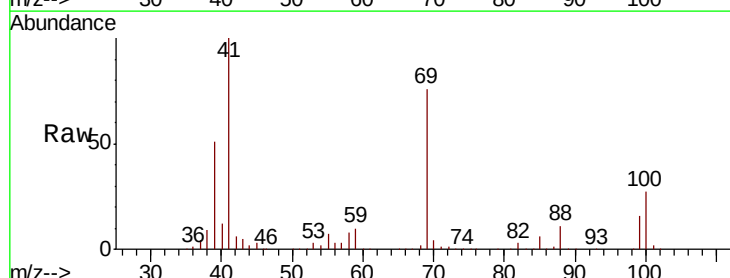
RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

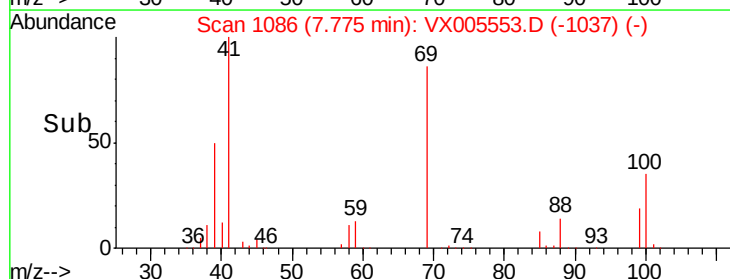
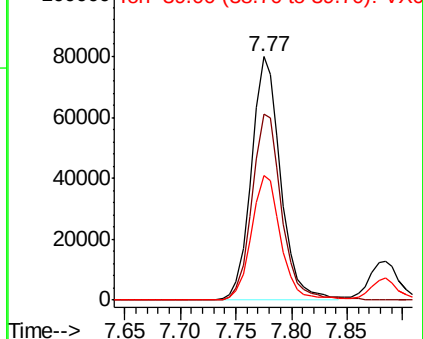
Lab File: VX005553.D

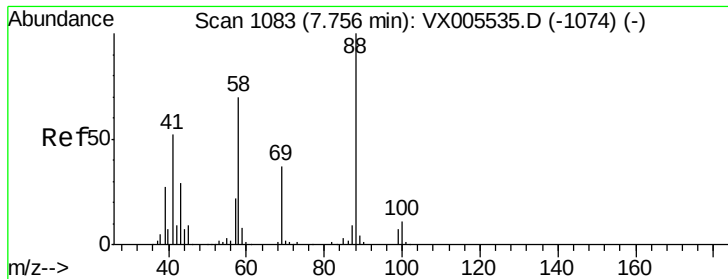
Acq: 24 Oct 2018 20:32

Tgt Ion:	41	Resp:	145667
Ion Ratio	Lower	Upper	
41	100		
69	78.5	70.2	105.4
39	51.6	42.7	64.1



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





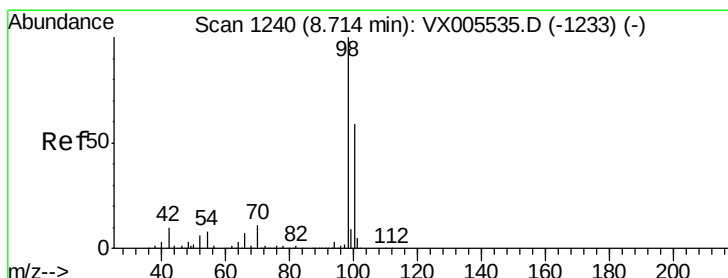
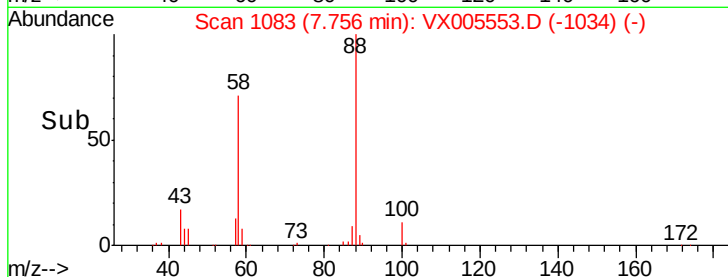
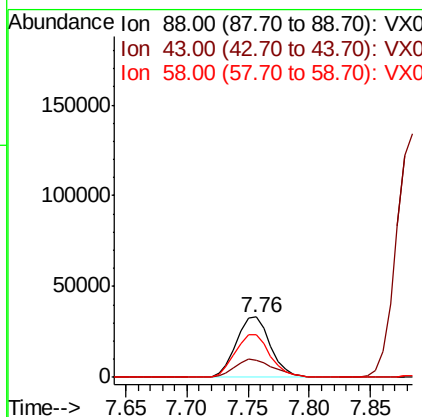
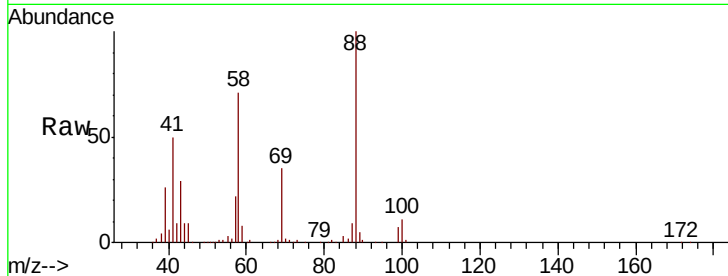
#49
1,4-Dioxane
Concen: 1008.817 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 20:32

Instrument :
MSVOA_X
ClientSampleId :
S37-0008MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.3	24.7	37.1
58	73.9	55.3	82.9

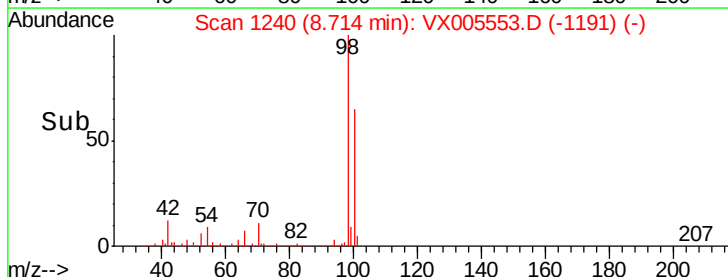
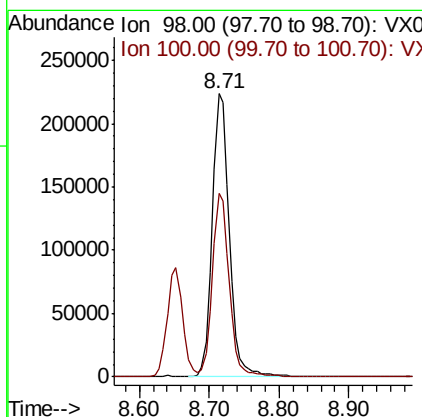
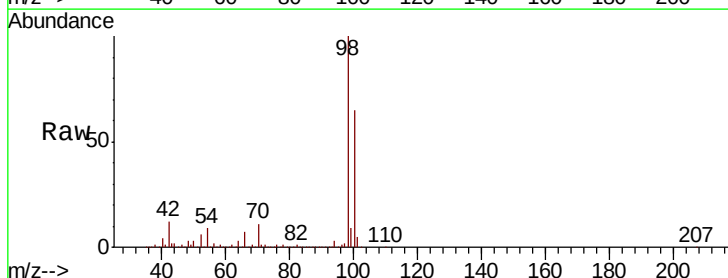
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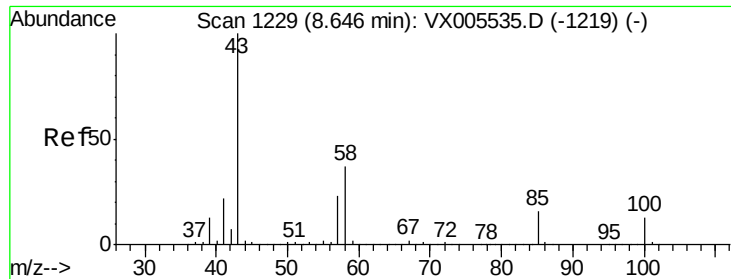
MMDadoda
10/26/2018 11:53:36 AM



#50
Toluene-d8
Concen: 47.867 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 20:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 245.162 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MS

Tot Ion: 43 Resp: 991194

Ion Ratio Lower Upper

43 100

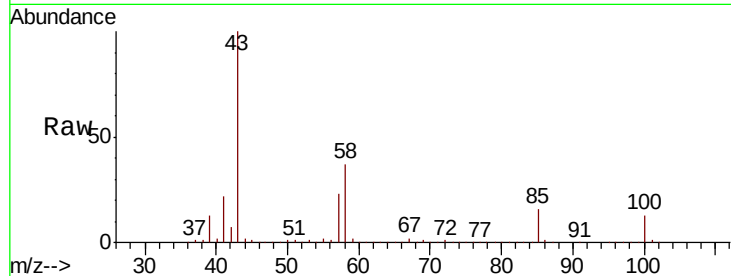
58 37.1 33.1 49.7

Manual Integrations

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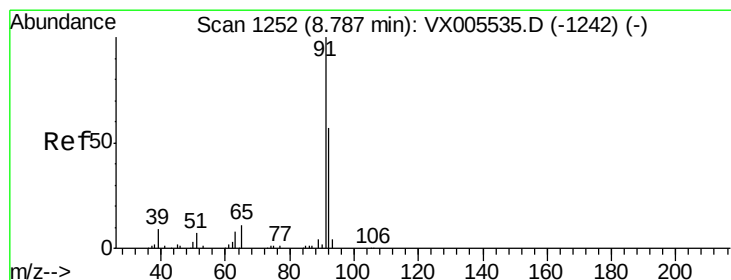
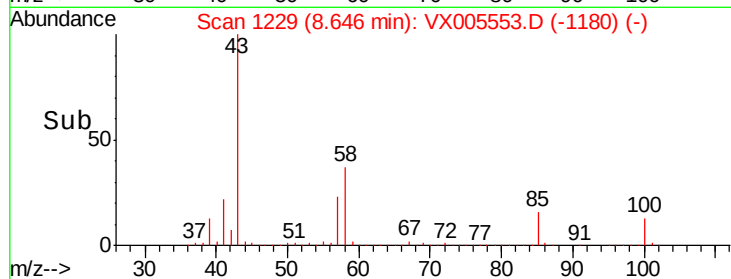
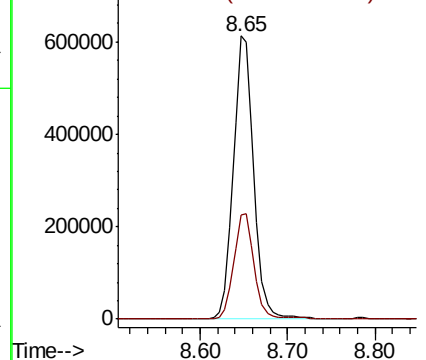
MMDadoda

10/26/2018 11:53:36 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.810 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005553.D

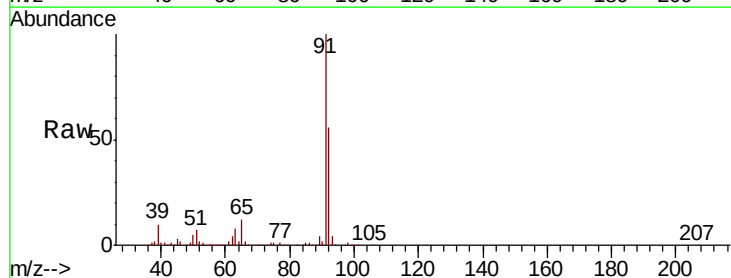
Acq: 24 Oct 2018 20:32

Tgt Ion: 92 Resp: 262039

Ion Ratio Lower Upper

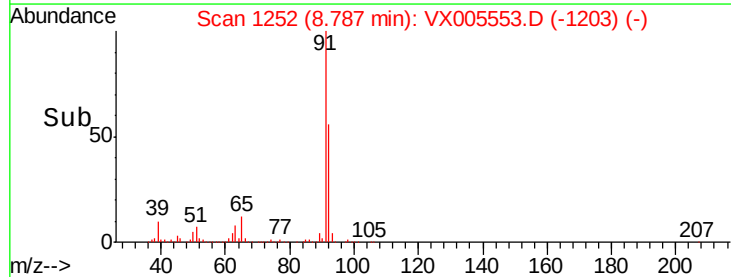
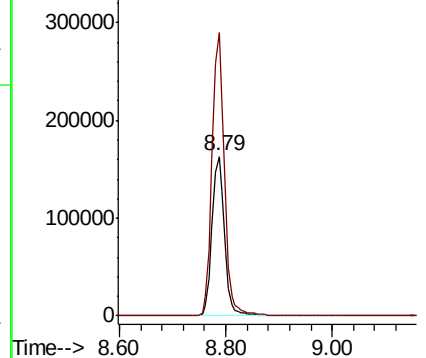
92 100

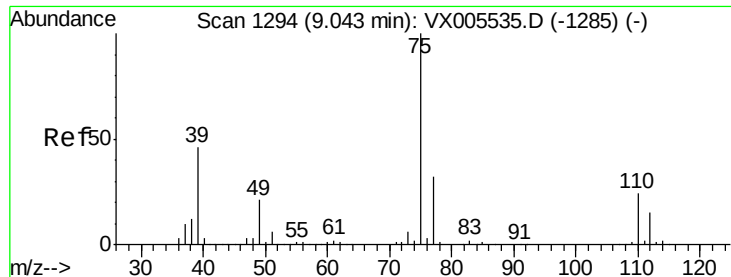
91 175.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





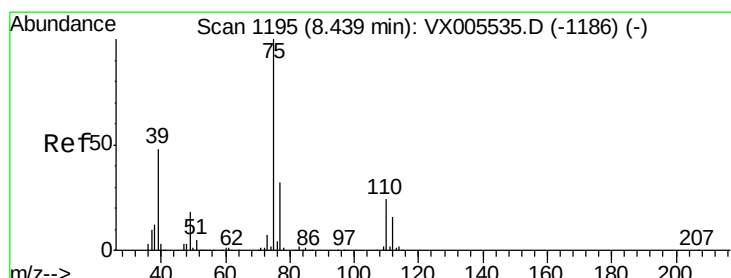
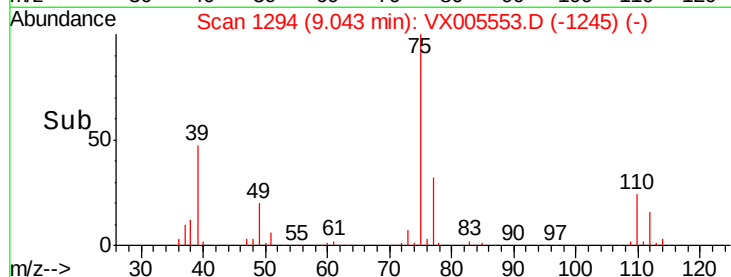
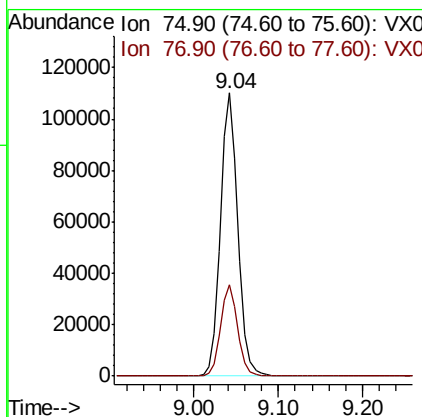
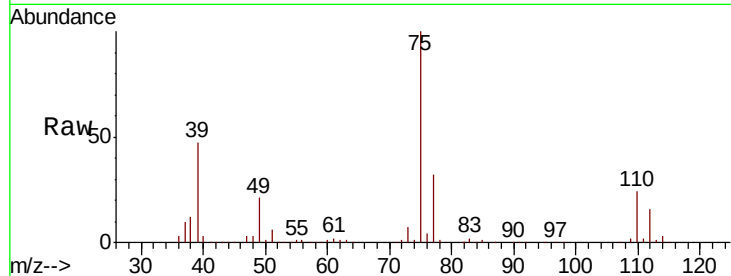
#53
t-1,3-Dichloropropene
Concen: 47.939 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Instrument :
MSVOA_X
ClientSampleId :
S37-0008MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.6	37.0

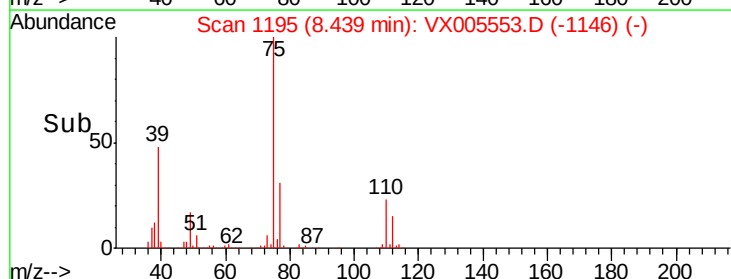
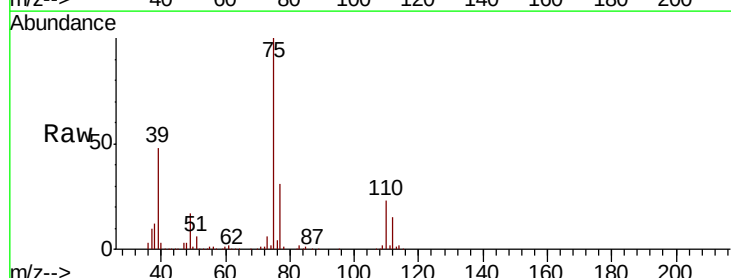
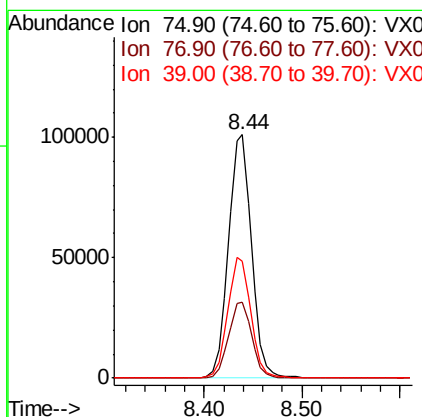
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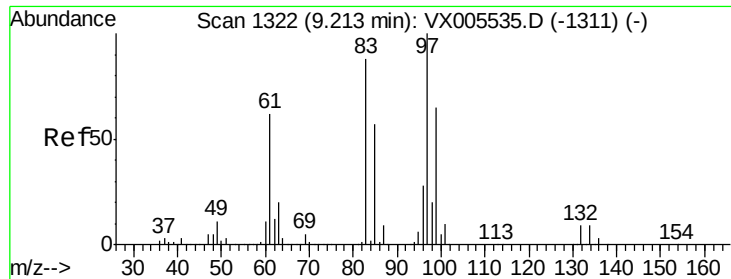
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 46.670 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.2	39.2
39	47.9	36.4	54.6





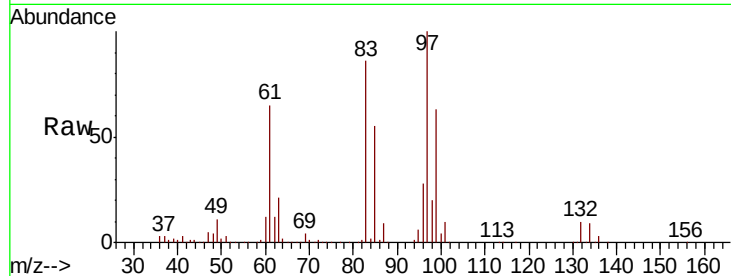
#55
1,1,2-Trichloroethane
Concen: 47.441 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Instrument :
MSVOA_X
ClientSampleId :
S37-0008MS

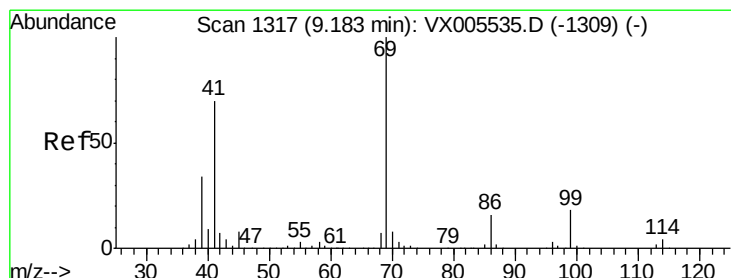
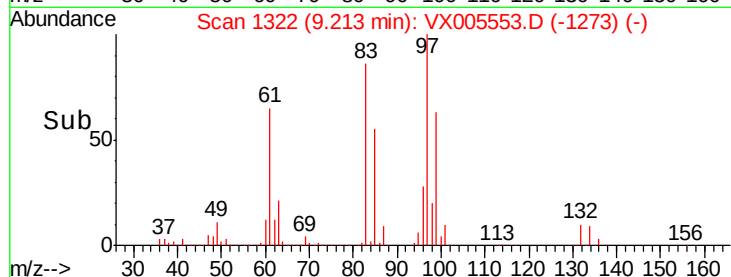
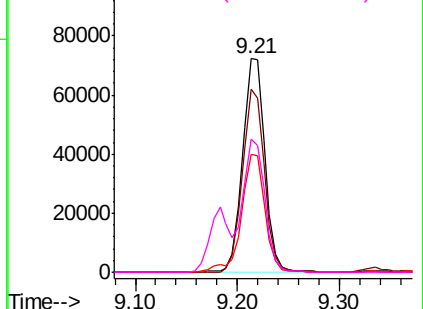
Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		109626		
83	85.8	66.4	99.6		
85	55.4	43.3	64.9		
99	62.5	49.0	73.4		

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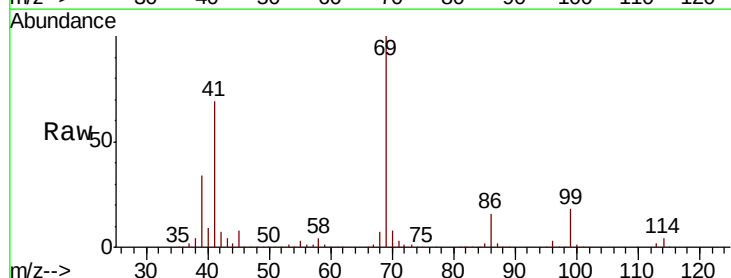


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

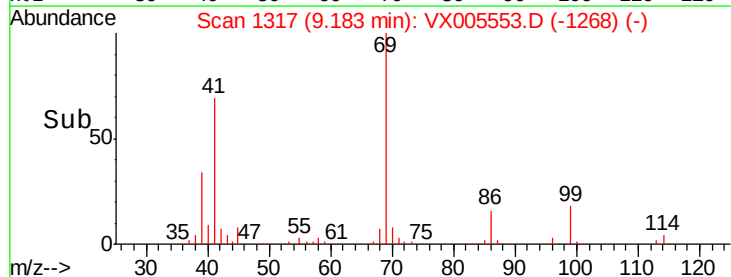
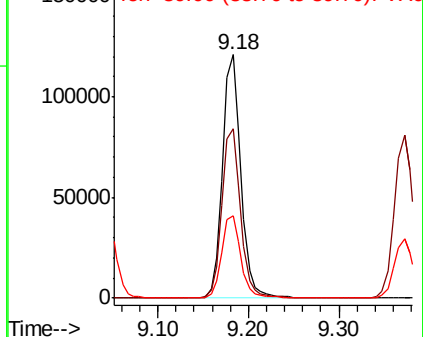


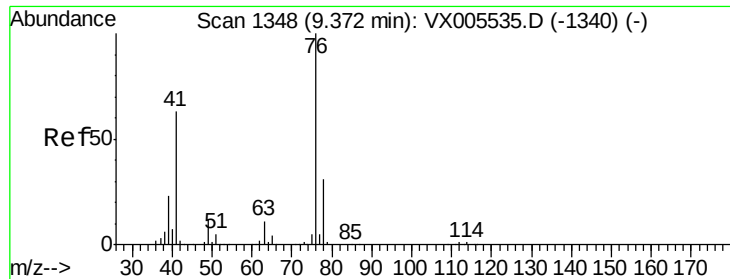
#56
Ethyl methacrylate
Concen: 49.518 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		170673		
41	70.7	51.0	76.4		
39	35.2	26.1	39.1		



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





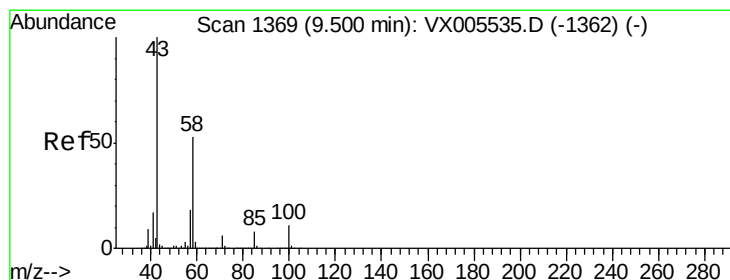
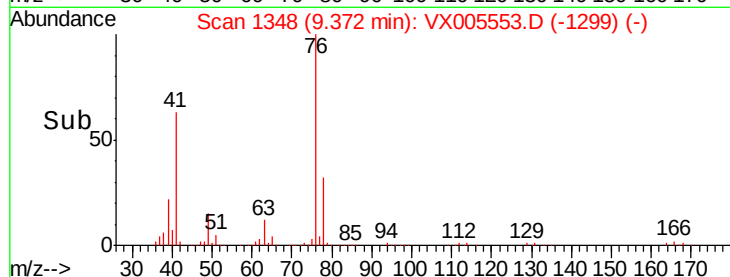
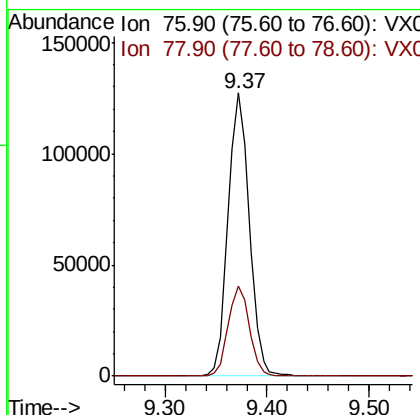
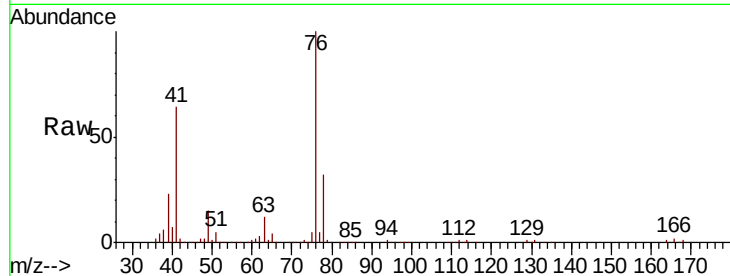
#57
 1,3-Dichloropropane
 Concen: 46.858 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.5	38.3

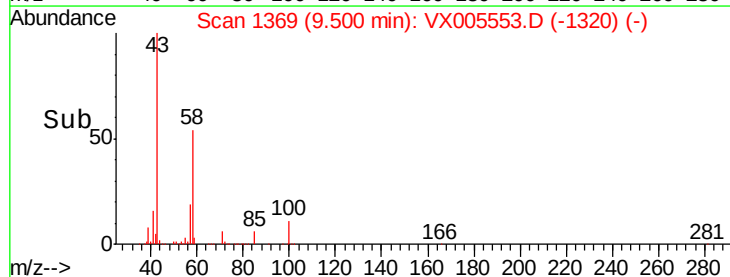
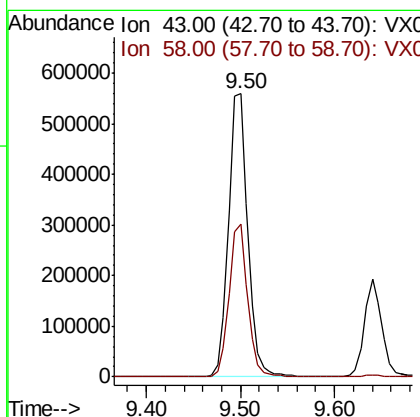
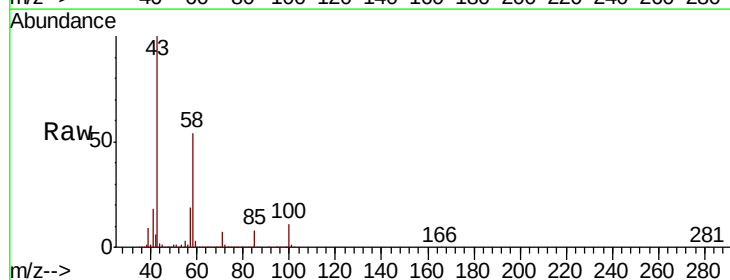
Manual Integrations
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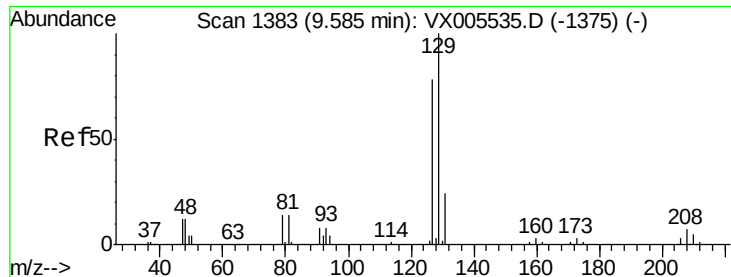
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 10/26/2018 11:53:36 AM



#59
 2-Hexanone
 Concen: 248.847 ug/l
 RT: 9.50 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	52.4	29.0	87.0





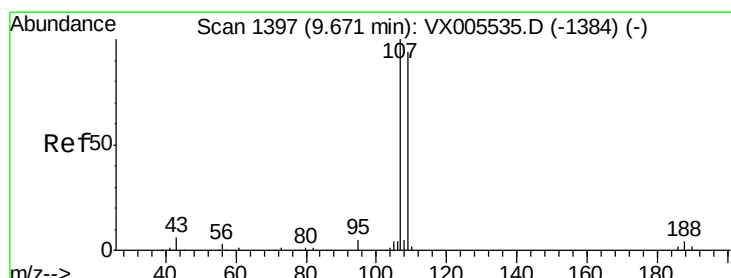
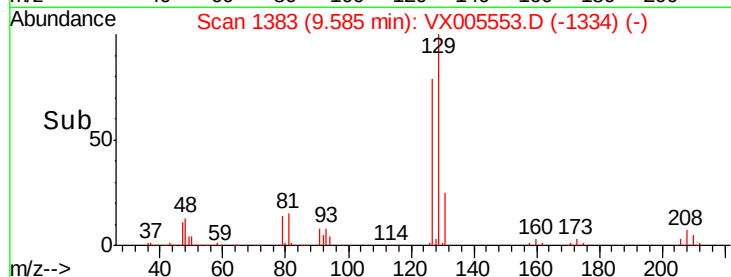
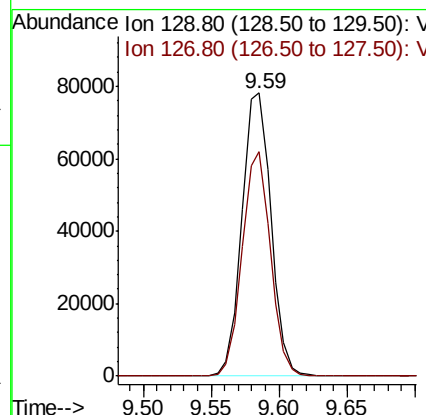
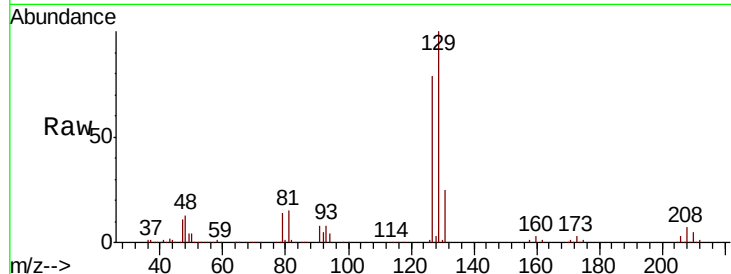
#60
Dibromochloromethane
Concen: 48.472 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Instrument :
MSVOA_X
ClientSampleId :
S37-0008MS

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.5	115.5

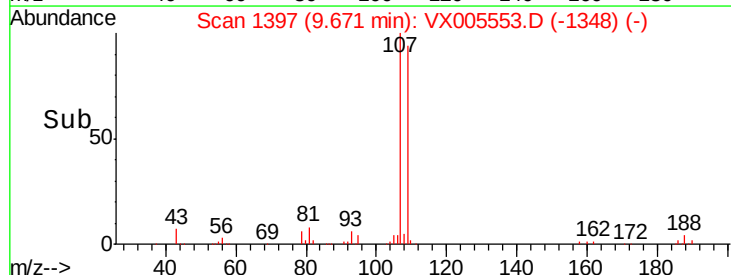
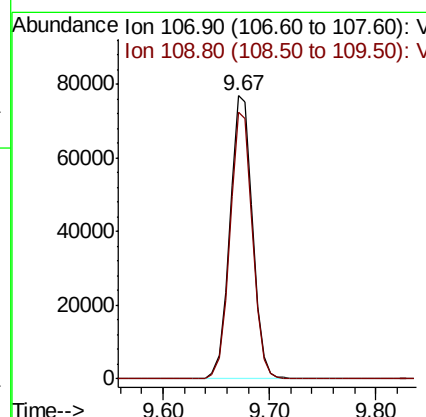
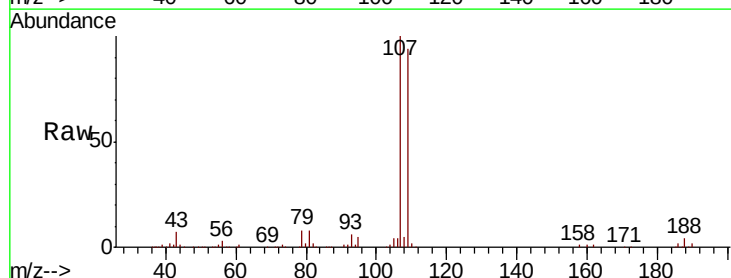
Manual Integrations
APPROVED

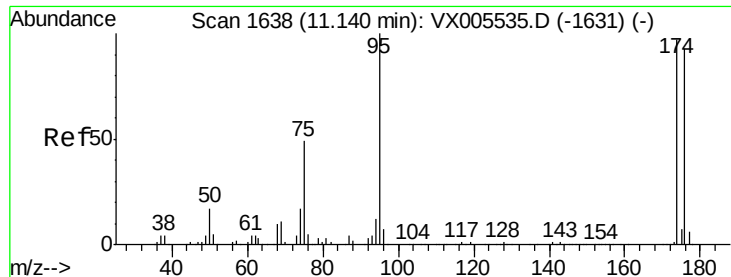
MMDadoda
10/26/2018 11:53:36 AM



#61
1,2-Dibromoethane
Concen: 47.768 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.9	76.0	114.0





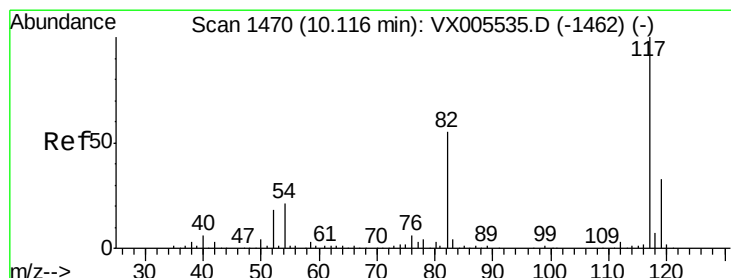
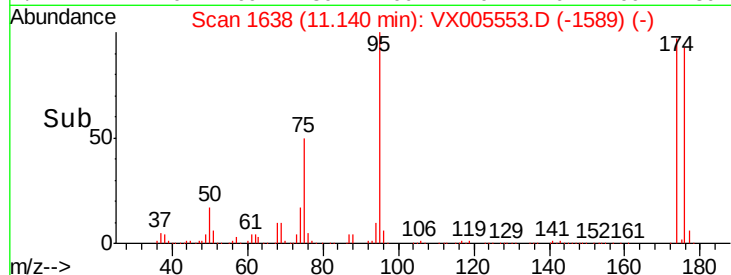
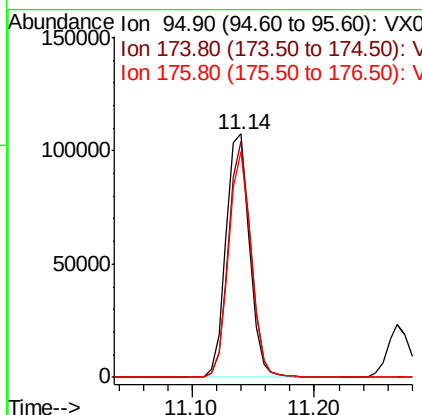
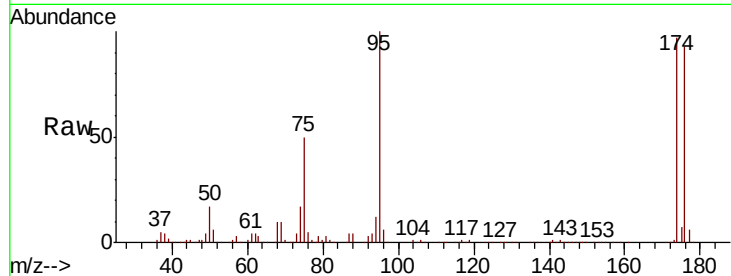
#62
4-Bromofluorobenzene
Concen: 48.038 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Instrument :
MSVOA_X
ClientSampleId :
S37-0008MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	143086		
174	92.3	0.0	185.2	
176	88.5	0.0	178.6	

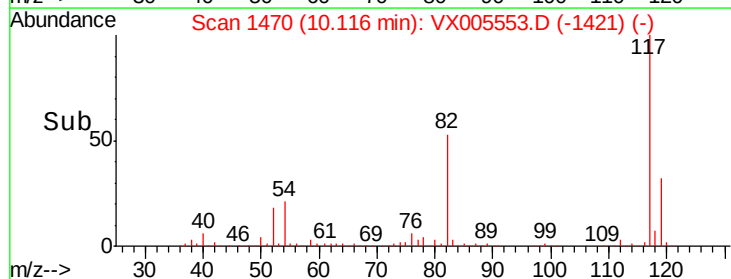
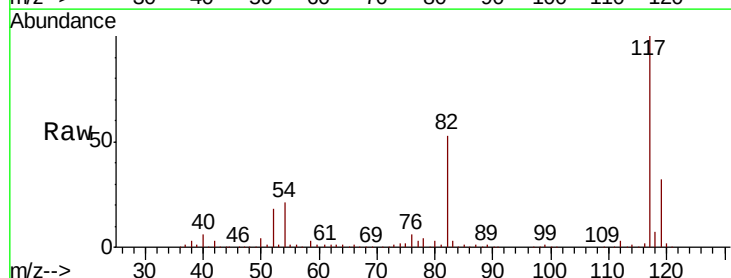
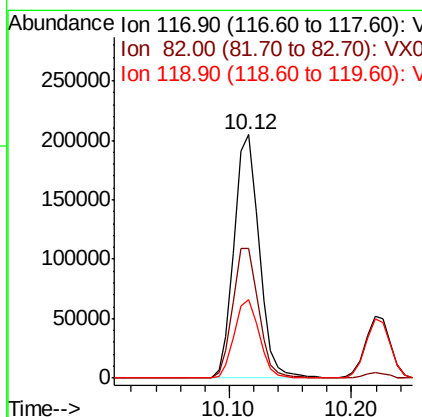
Manual Integrations
APPROVED

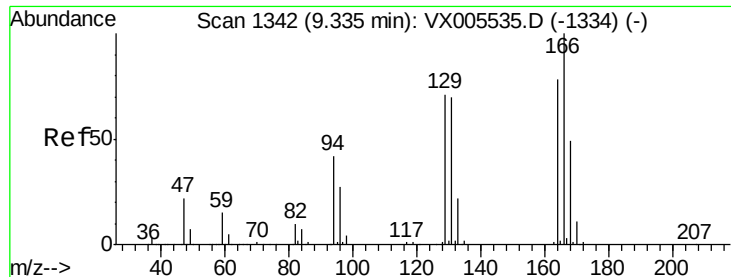
MMDadoda
10/26/2018 11:53:36 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	291240		
82	53.3	47.8	71.6	
119	32.2	29.3	43.9	





#64

Tetrachloroethene

Concen: 47.022 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

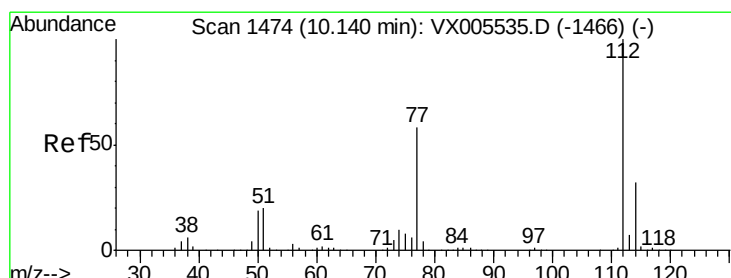
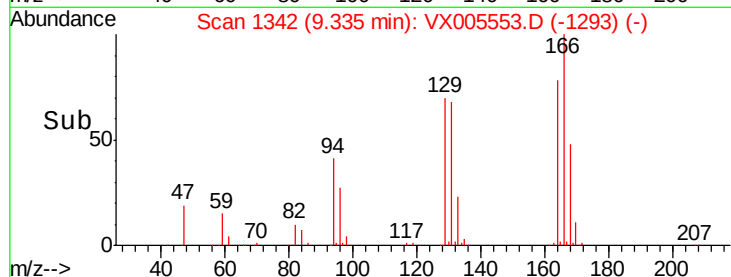
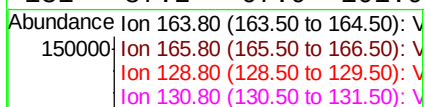
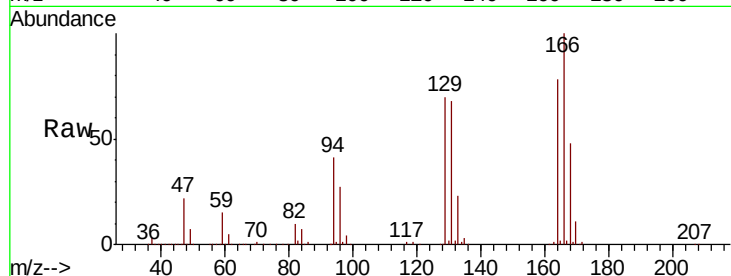
ClientSampled :

S37-0008MS

Tot Ion:	164	Resp:	113684
Ion Ratio	Lower	Upper	
164	100		
166	128.1	102.8	154.2
129	90.3	69.4	104.0
131	87.2	67.9	101.9

Manual Integrations
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10/26/2018 11:53:36 AM



#65

Chlorobenzene

Concen: 47.927 ug/l

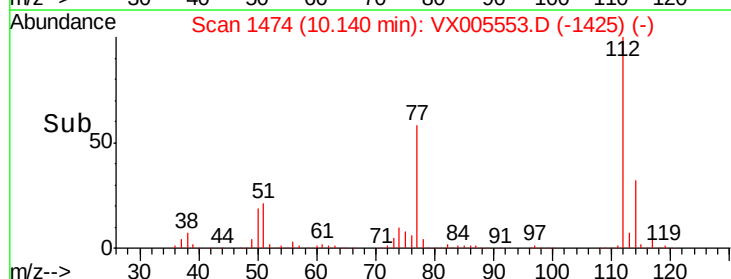
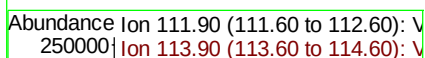
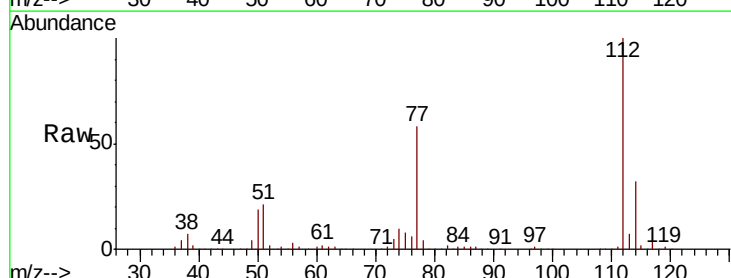
RT: 10.14 min Scan# 1474

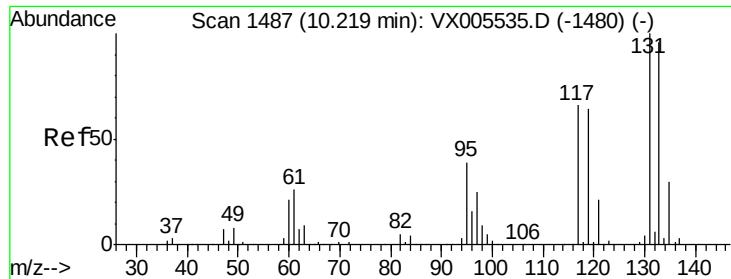
Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Tgt Ion:	112	Resp:	297232
Ion Ratio	Lower	Upper	
112	100		
114	32.1	27.8	41.8





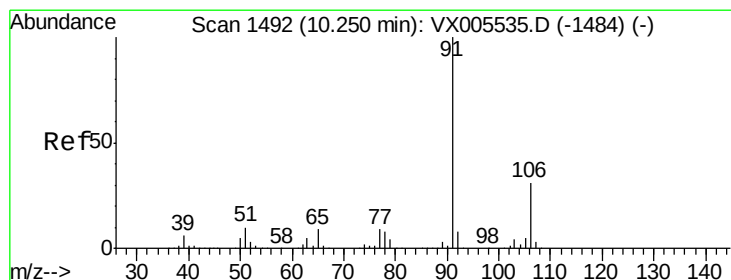
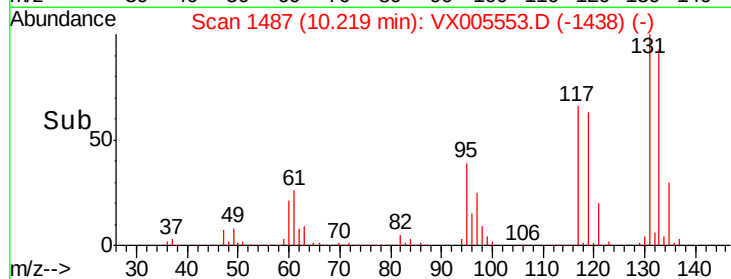
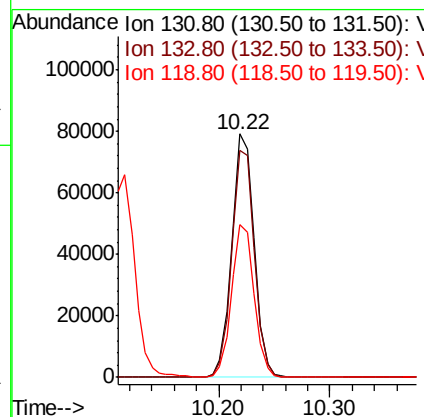
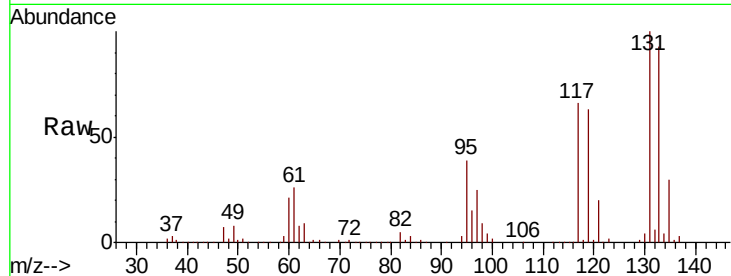
#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.510 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.5	48.1	144.4
119	63.3	32.9	98.6

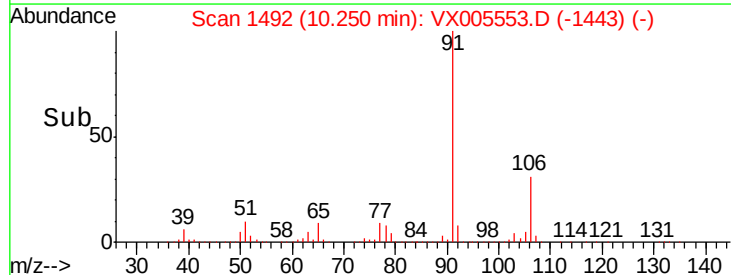
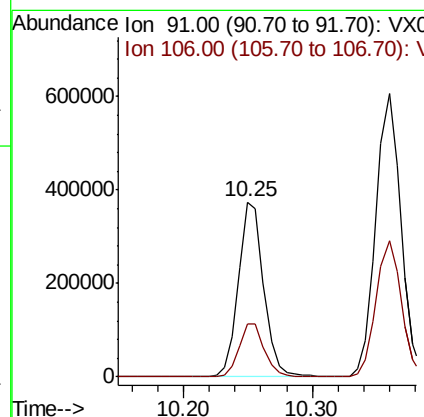
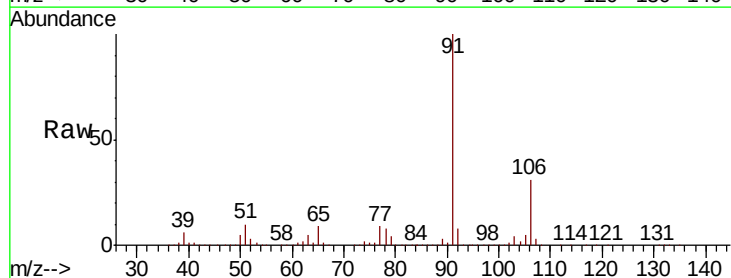
Manual Integrations
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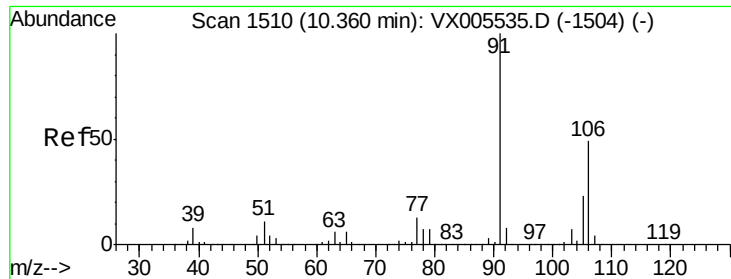
MMDadoda
 10/26/2018 11:53:36 AM



#67
 Ethyl Benzene
 Concen: 50.380 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.6	25.9	38.9





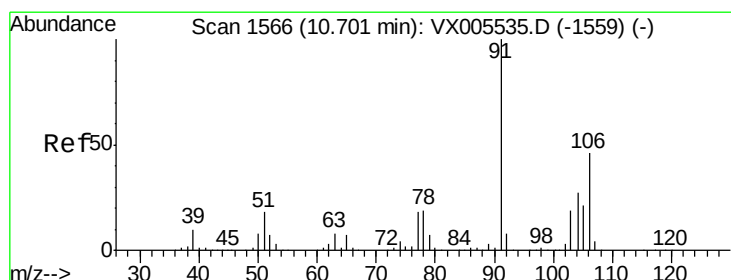
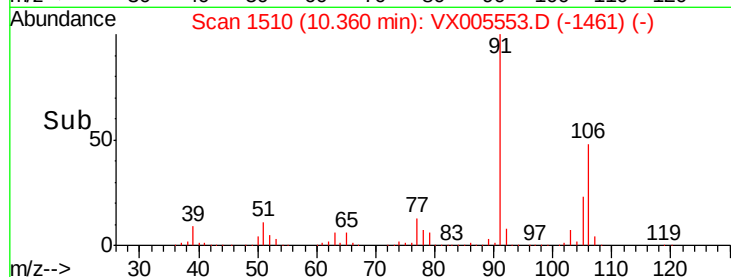
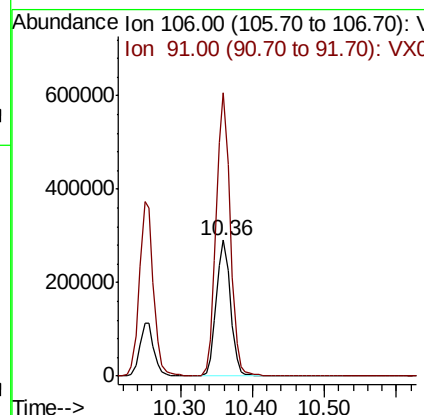
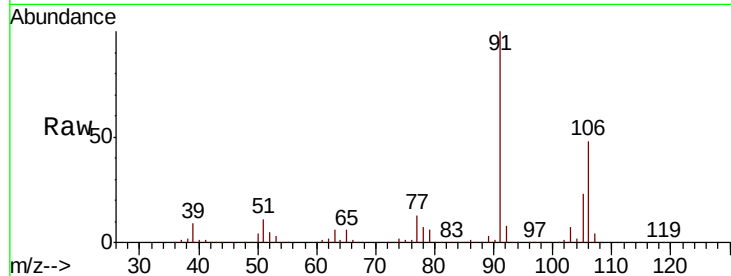
#68
m/p-Xylenes
Concen: 100.390 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Instrument :
MSVOA_X
ClientSampleId :
S37-0008MS

Tot Ion:106 Resp: 397418
Ion Ratio Lower Upper
106 100
91 205.8 157.1 235.7

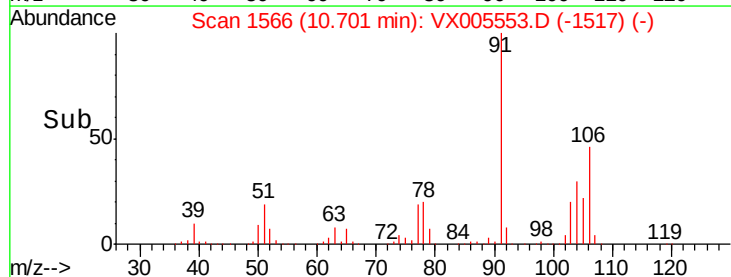
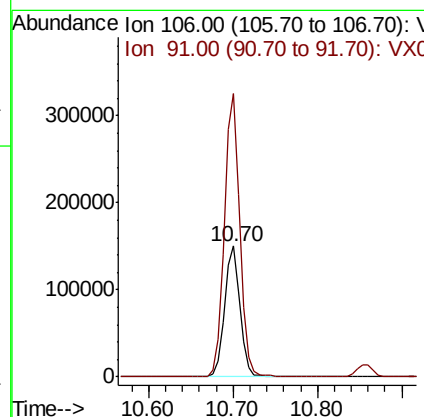
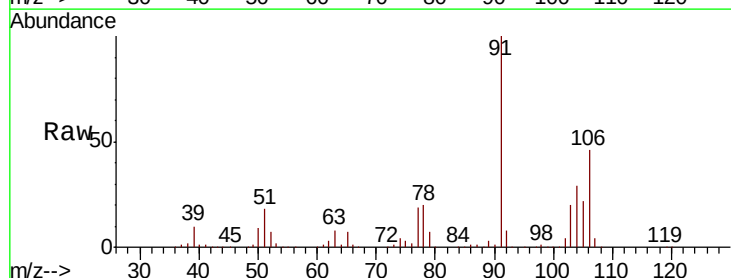
Manual Integrations
APPROVED

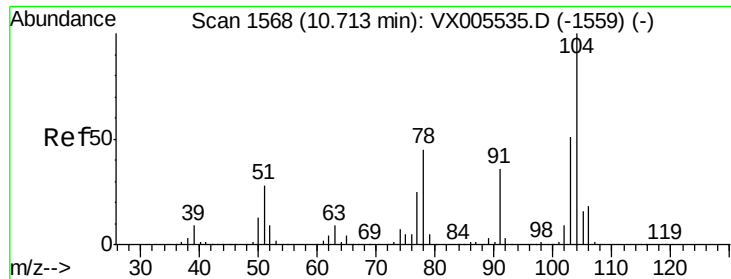
MMDadoda
10/26/2018 11:53:36 AM



#69
o-Xylene
Concen: 51.083 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Tgt Ion:106 Resp: 190256
Ion Ratio Lower Upper
106 100
91 217.8 105.1 315.1





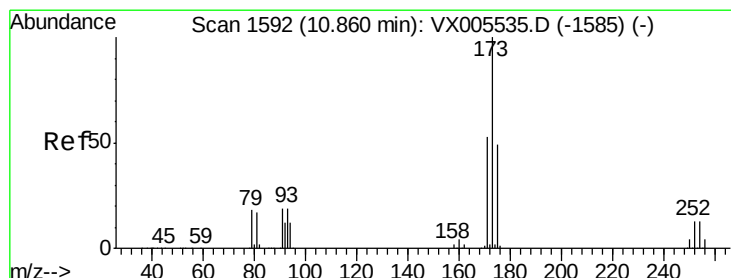
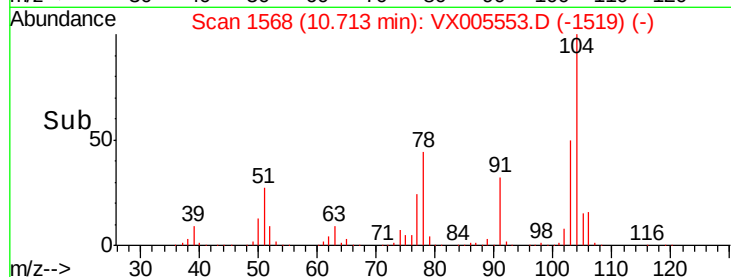
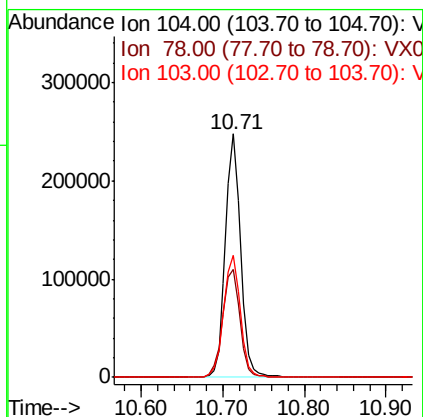
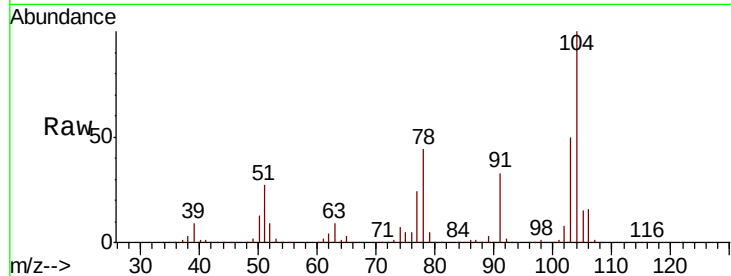
#70
Stvrene
Concen: 51.453 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Instrument :
MSVOA_X
ClientSampleId :
S37-0008MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.9	37.4	56.0
103	55.5	43.8	65.6

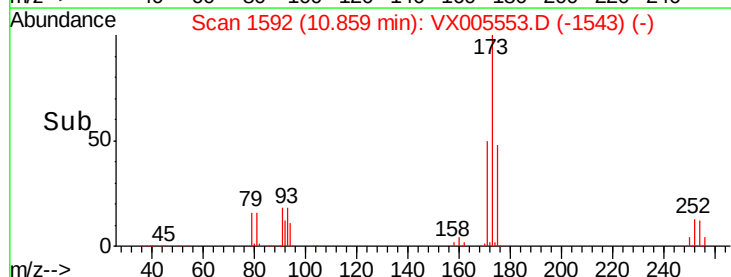
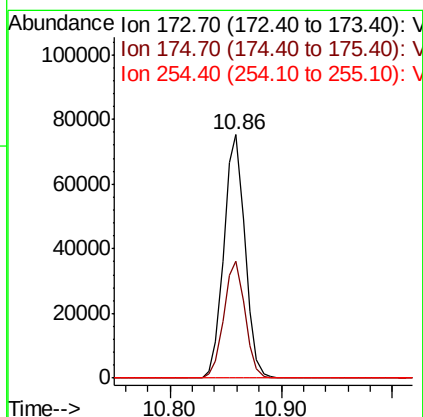
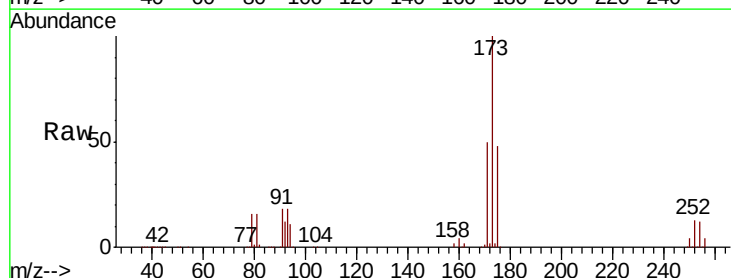
Manual Integrations
APPROVED

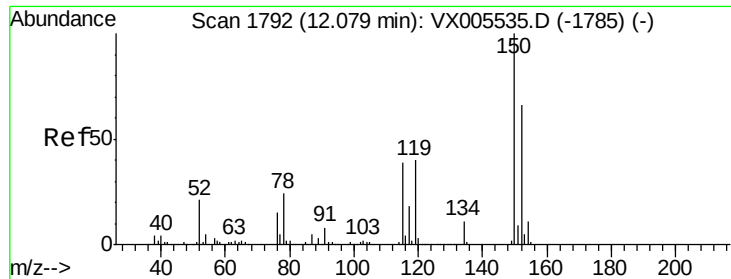
MMDadoda
10/26/2018 11:53:36 AM



#71
Bromoform
Concen: 48.938 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005553.D
Acq: 24 Oct 2018 20:32

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.3
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

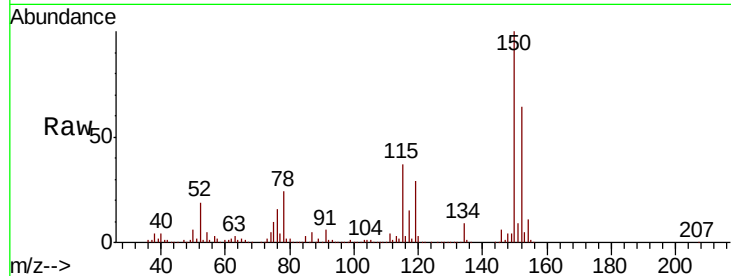
ClientSampleId :

S37-0008MS

Tot Ion:	152	Resp:	166550
Ion Ratio	Lower	Upper	
152	100		
115	77.3	39.0	117.0
150	172.0	0.0	351.0

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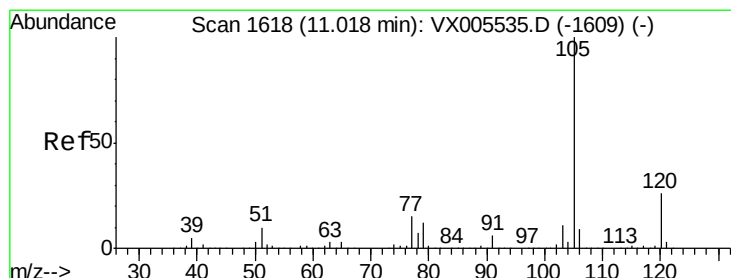
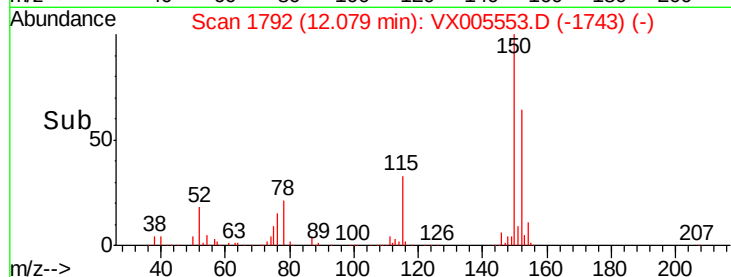
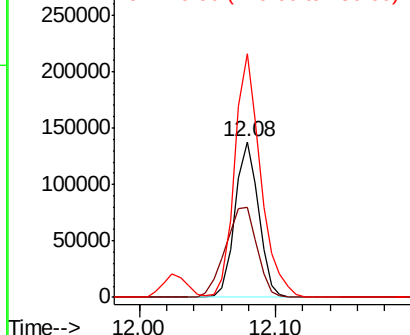


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 51.161 ug/l

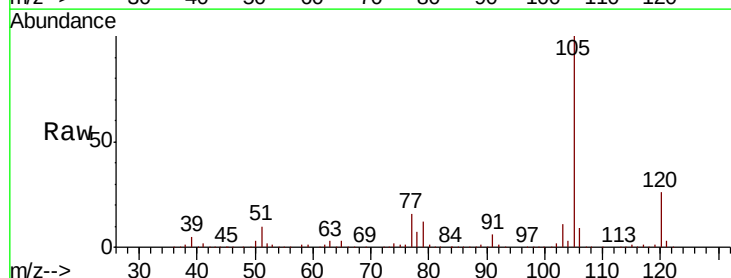
RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

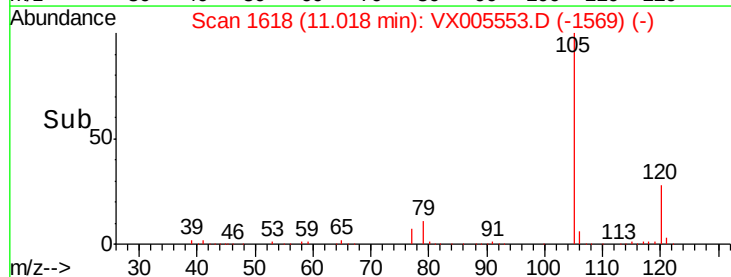
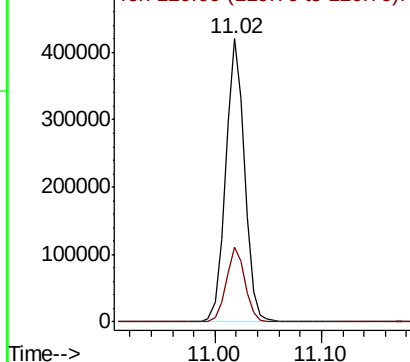
Tgt Ion:	105	Resp:	520864
Ion Ratio	Lower	Upper	
105	100		
120	26.3	13.5	40.4

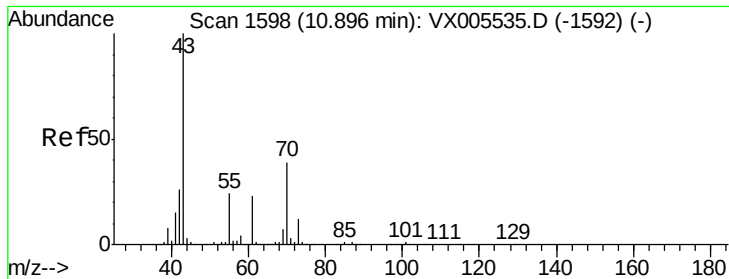


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 48.770 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

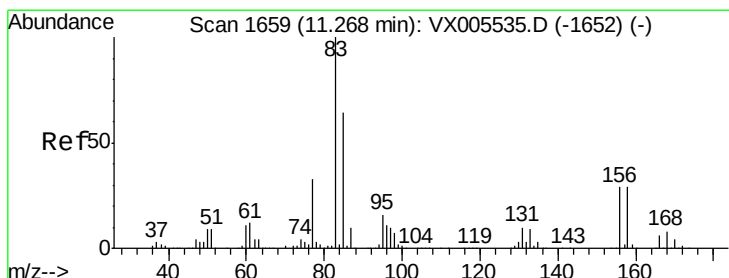
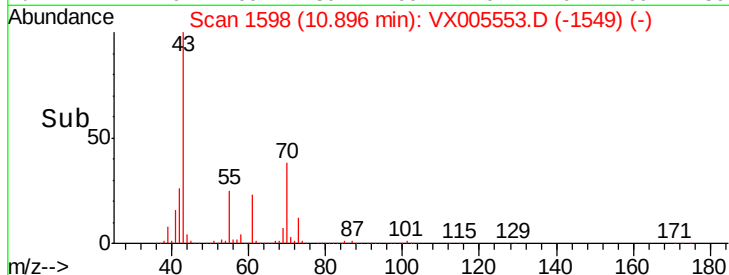
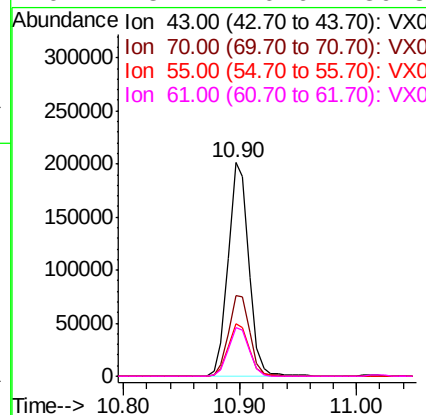
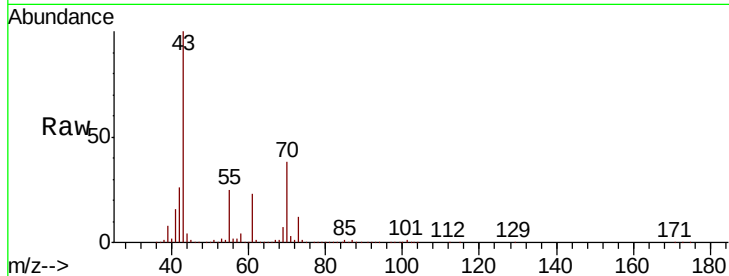
ClientSampleId :

S37-0008MS

Tot Ion:	43	Resp:	246027
Ion	Ratio	Lower	Upper
43	100		
70	39.2	37.4	56.0
55	25.2	21.8	32.8
61	23.2	20.6	30.8

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 48.099 ug/l

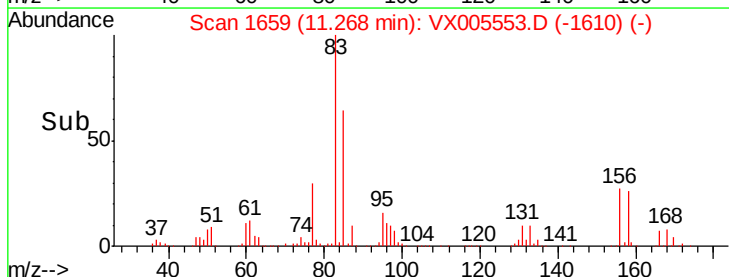
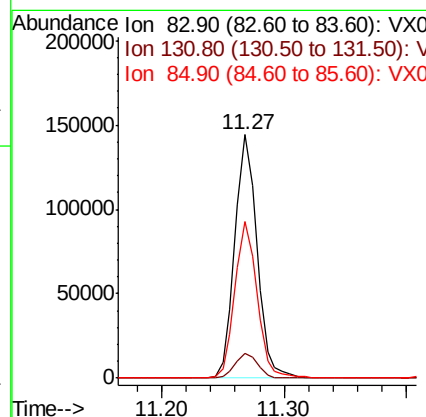
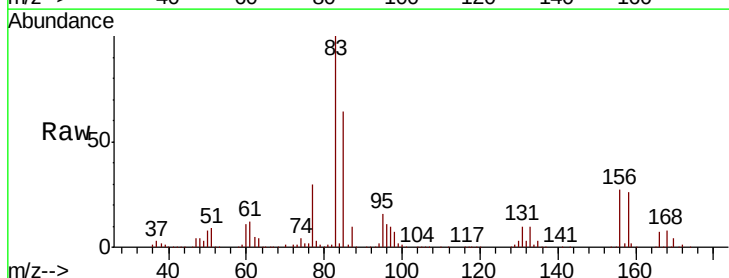
RT: 11.27 min Scan# 1659

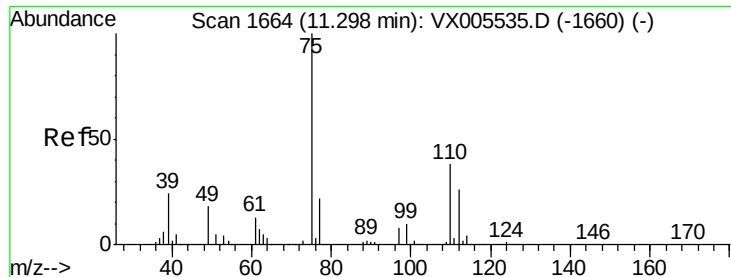
Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Tgt Ion:	83	Resp:	180660
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.2	15.6
85	64.4	32.3	96.8





#76

1,2,3-Trichloropropane

Concen: 51.558 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MS

Tot Ion: 75 Resp: 174905

Ion Ratio Lower Upper

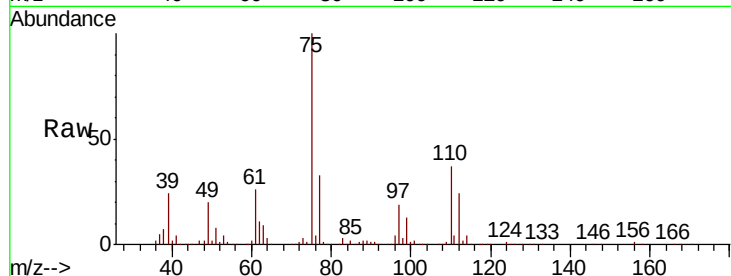
75 100

77 39.2 20.2 60.6

Manual Integrations
APPROVED

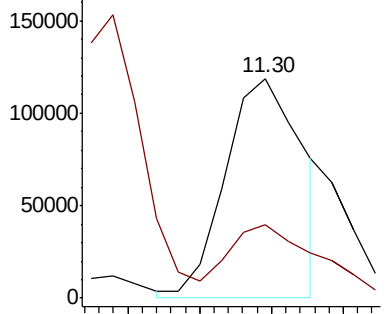
MMDadoda

10/26/2018 11:53:36 AM

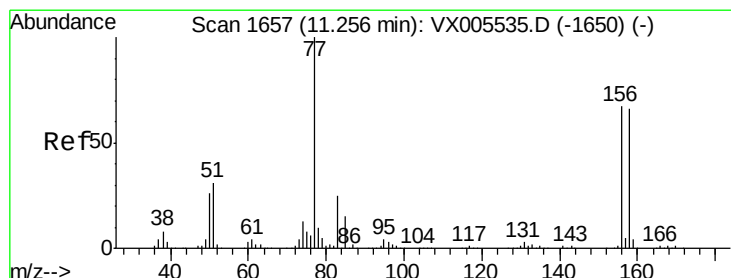
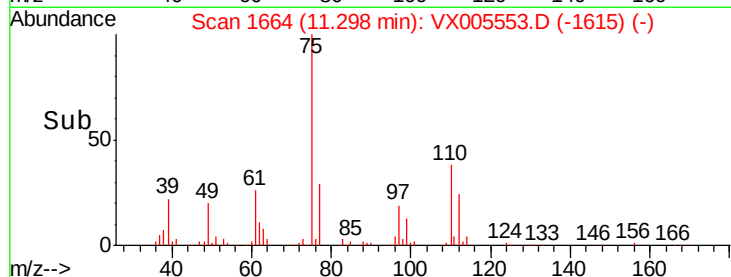


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#77

Bromobenzene

Concen: 48.913 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

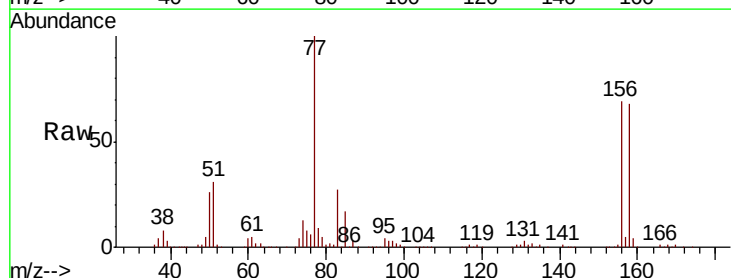
Tgt Ion: 156 Resp: 138782

Ion Ratio Lower Upper

156 100

77 148.9 71.5 214.3

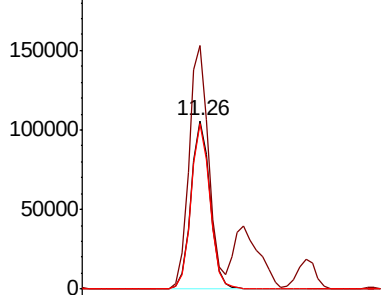
158 97.4 48.9 146.8



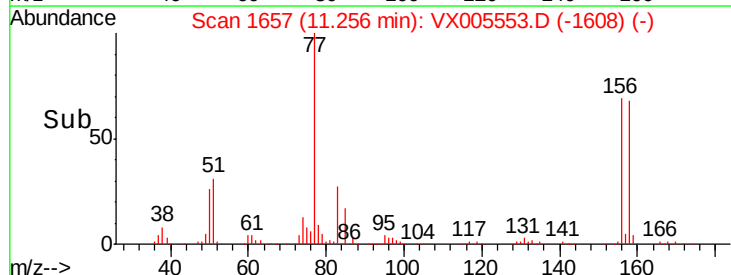
Abundance Ion 155.80 (155.50 to 156.50): V

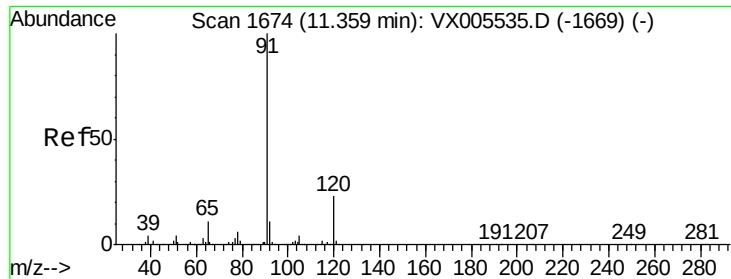
Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



Time-->





#78

n-propylbenzene

Concen: 51.880 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MS

Tot Ion: 91 Resp: 603962

Ion Ratio Lower Upper

91 100

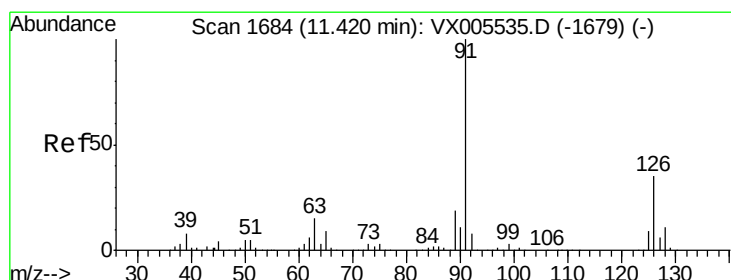
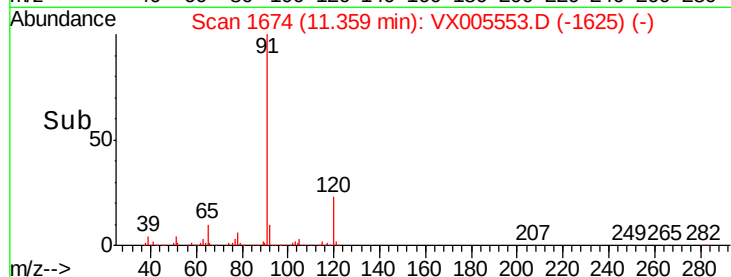
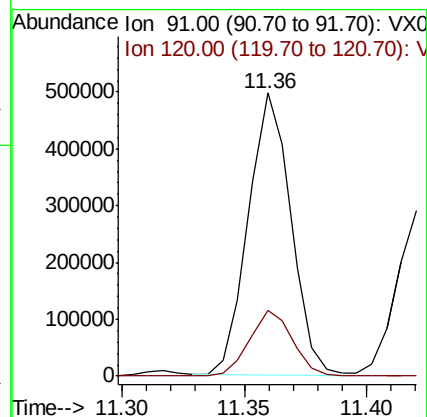
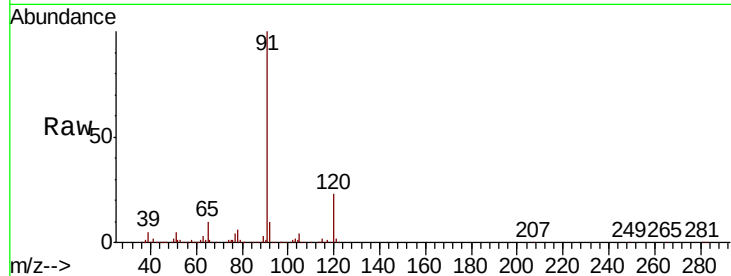
120 23.6 11.9 35.9

Manual Integrations

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#79

2-Chlorotoluene

Concen: 49.969 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005553.D

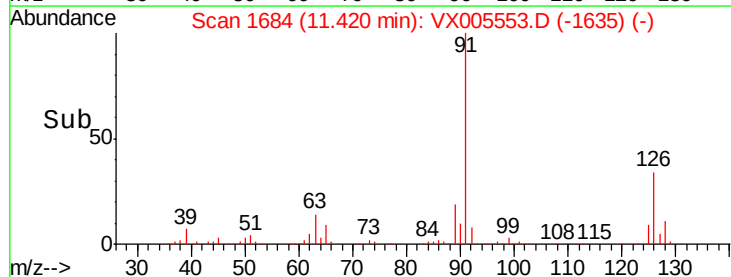
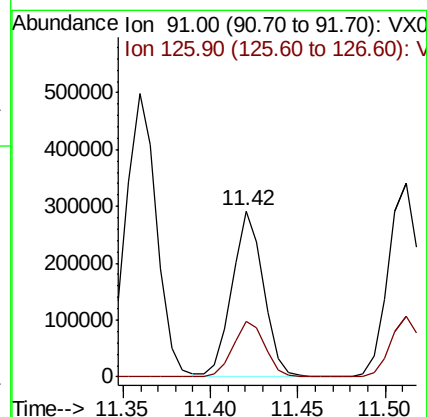
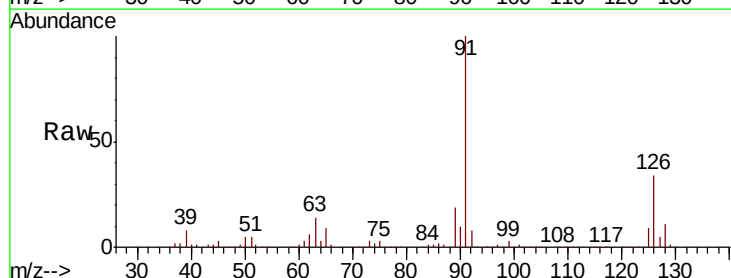
Acq: 24 Oct 2018 20:32

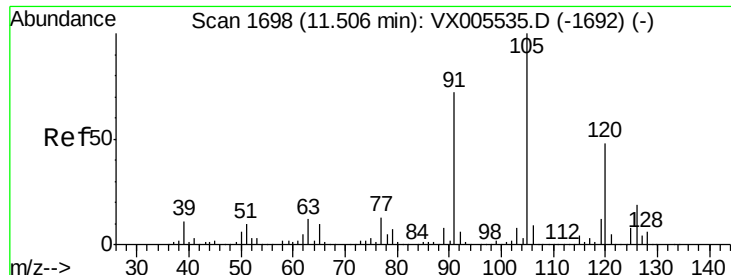
Tgt Ion: 91 Resp: 360681

Ion Ratio Lower Upper

91 100

126 34.7 17.9 53.7





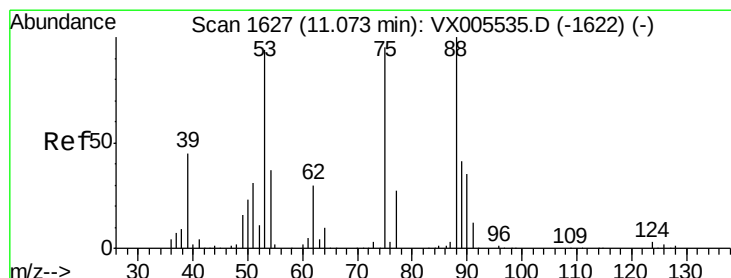
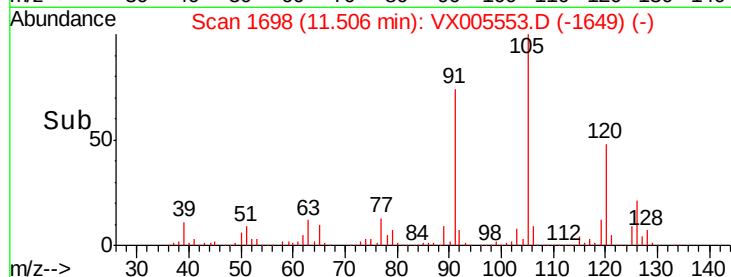
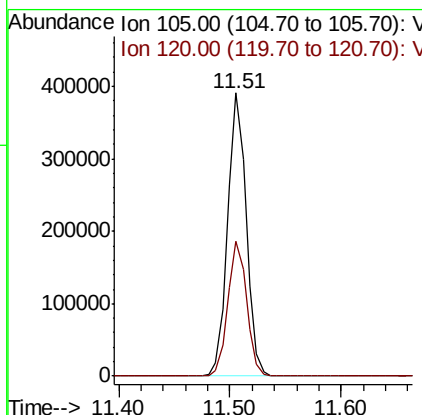
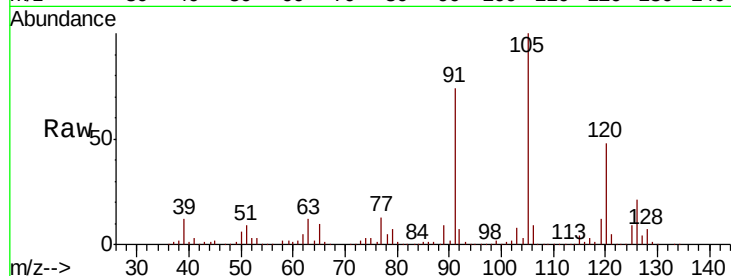
#80
 1,3,5-Trimethylbenzene
 Concen: 51.785 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MS

Tot Ion:105 Resp: 451008
 Ion Ratio Lower Upper
 105 100
 120 48.1 25.6 76.8

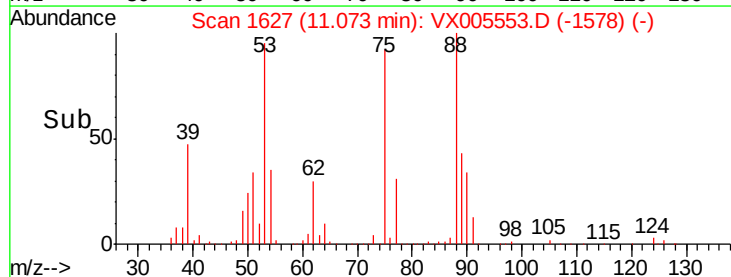
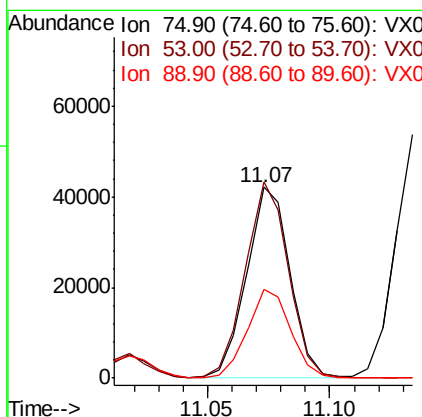
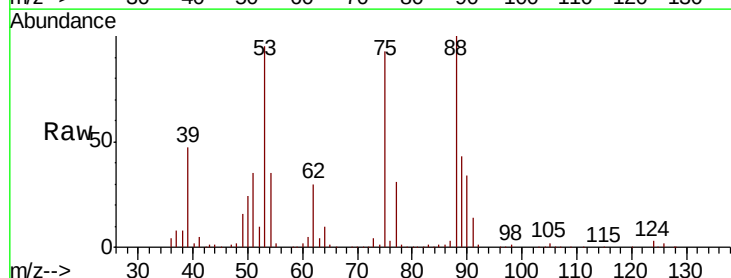
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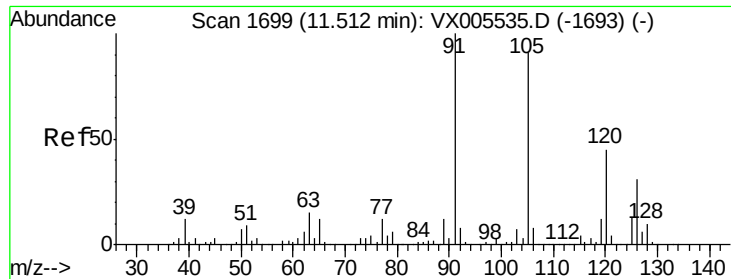
MMDadoda
 10/26/2018 11:53:36 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.955 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Tgt Ion: 75 Resp: 51789
 Ion Ratio Lower Upper
 75 100
 53 103.7 80.1 120.1
 89 46.9 37.2 55.8





#82

4-Chlorotoluene

Concen: 50.289 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

S37-0008MS

Tot Ion: 91 Resp: 428027

Ion Ratio Lower Upper

91 100

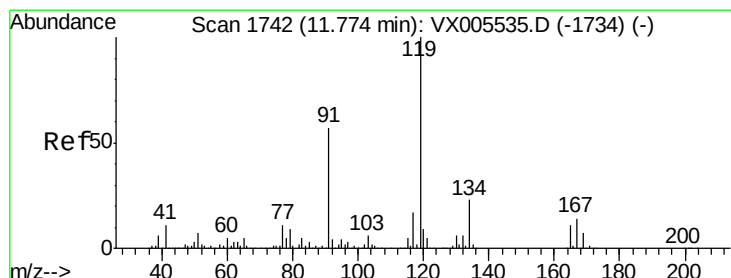
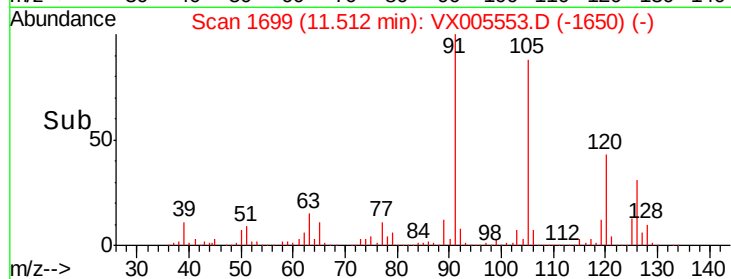
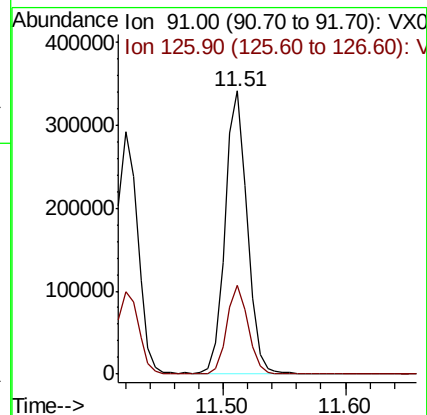
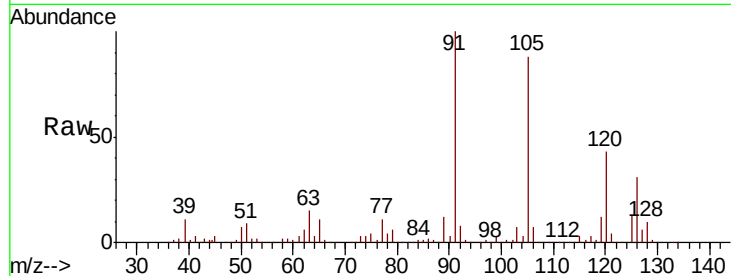
126 30.4 15.5 46.5

Manual Integrations

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MMDadoda

10/26/2018 11:53:36 AM



#83

tert-Butylbenzene

Concen: 51.205 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

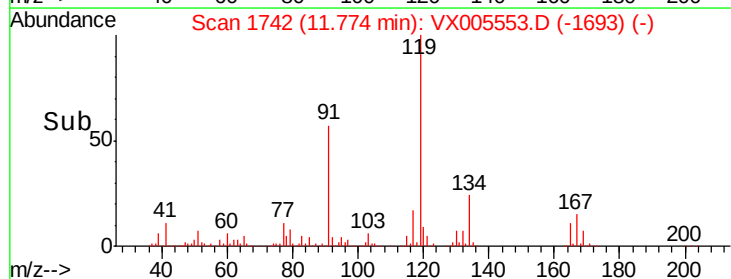
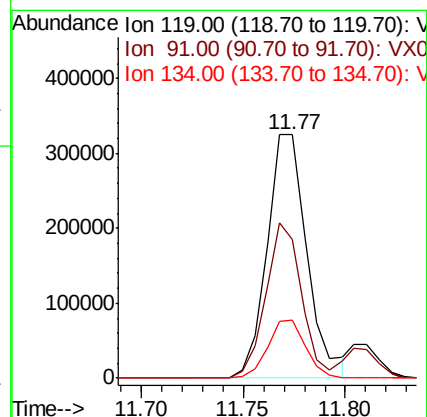
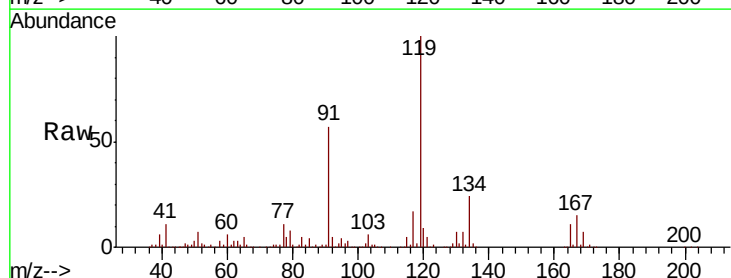
Tgt Ion: 119 Resp: 444534

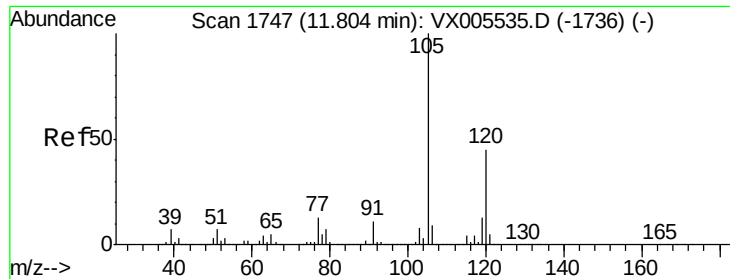
Ion Ratio Lower Upper

119 100

91 57.0 27.0 81.0

134 22.7 11.7 35.1





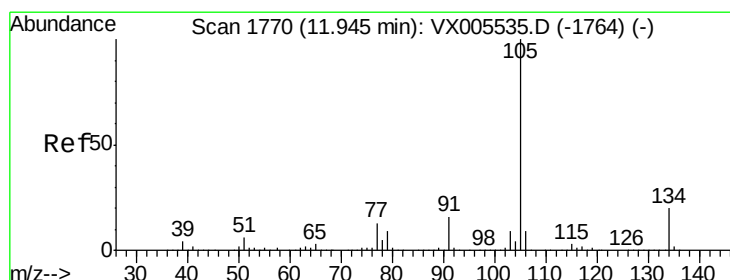
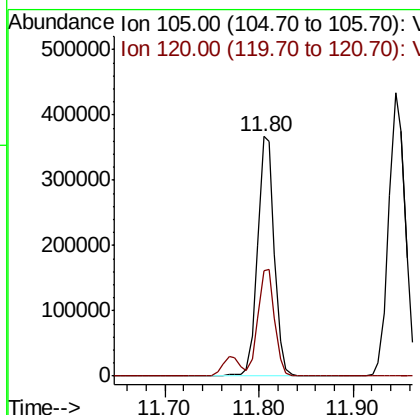
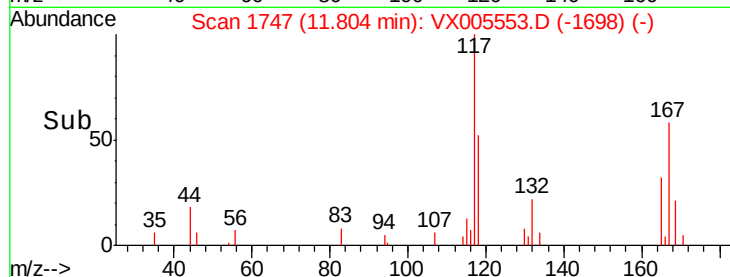
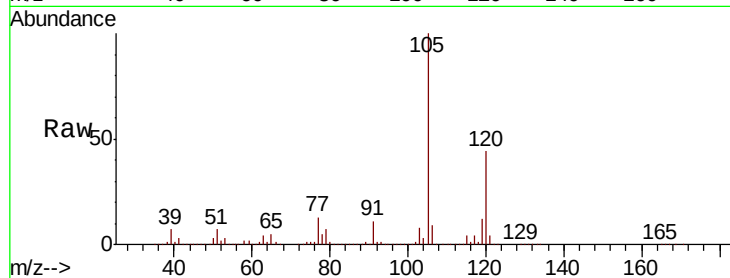
#84
 1,2,4-Trimethylbenzene
 Concen: 52.459 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Instrument :
 MSVOA_X
 ClientSampleID :
 S37-0008MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.7	23.2	69.6

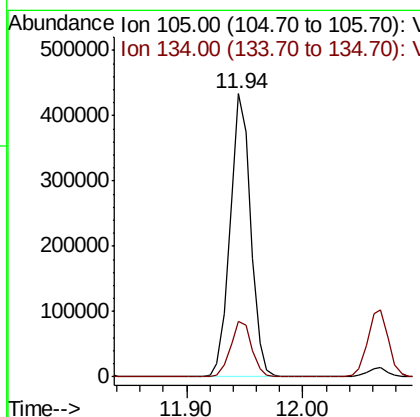
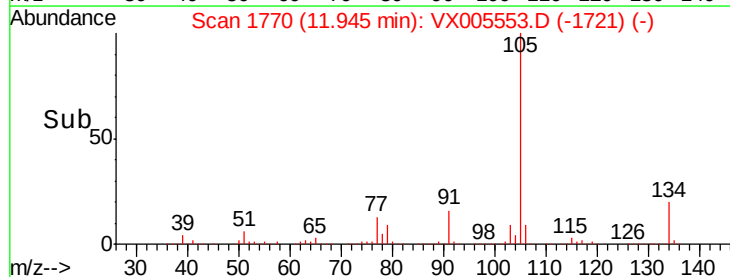
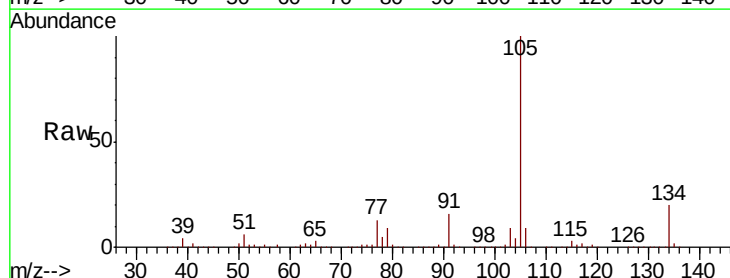
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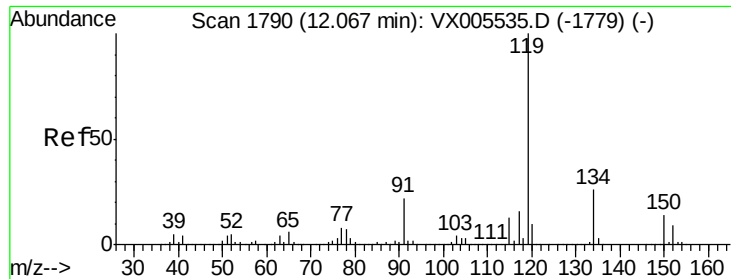
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#85
 sec-Butylbenzene
 Concen: 51.366 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.5	31.5





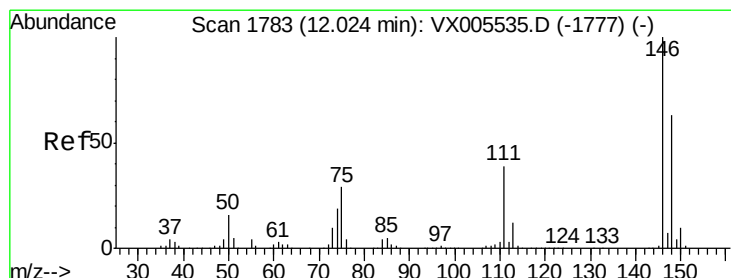
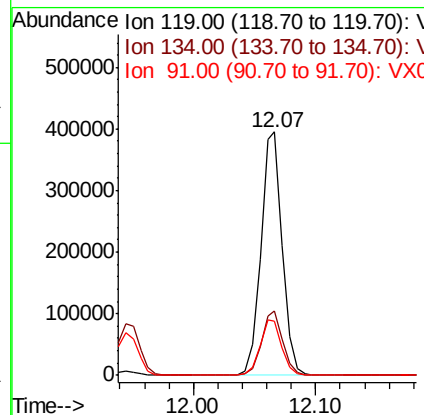
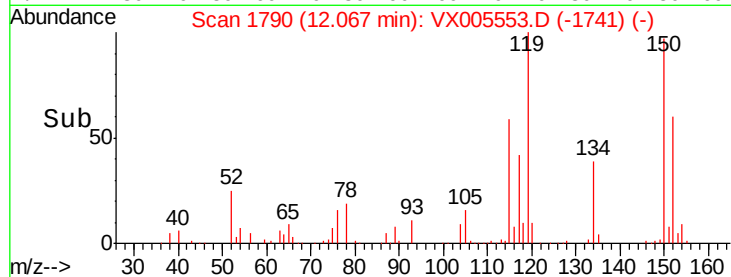
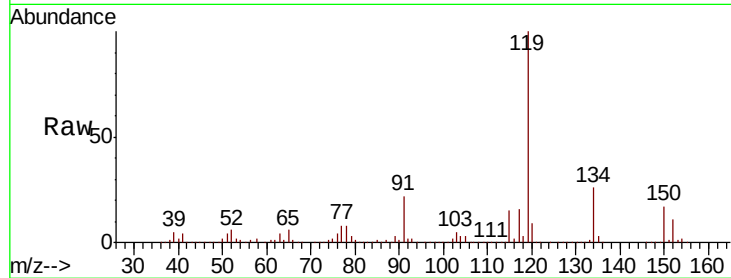
#86
 p-Isopropyltoluene
 Concen: 52.027 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	481795		
134	26.2		13.4	40.2
91	23.2		10.9	32.7

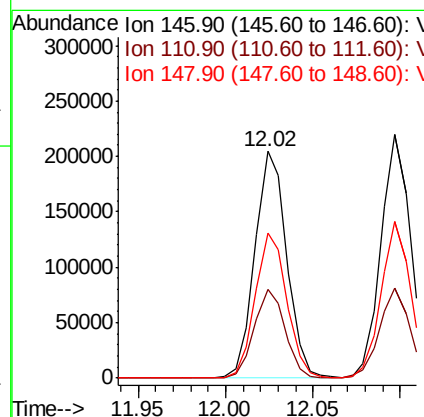
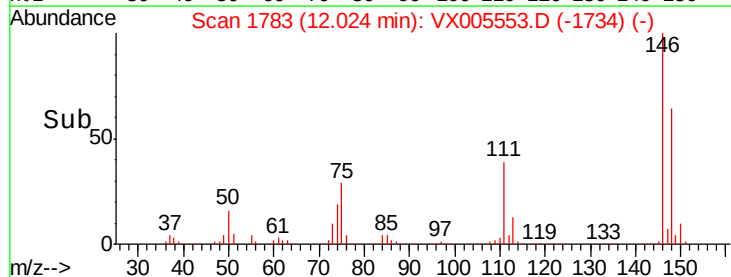
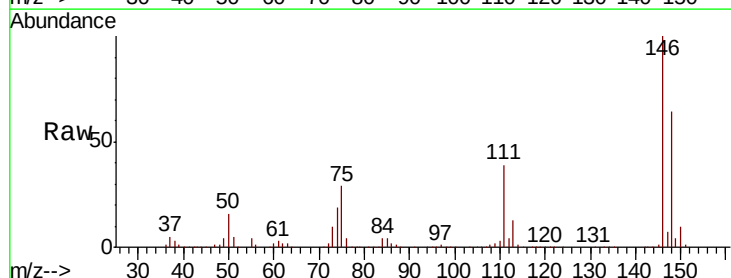
Manual Integrations
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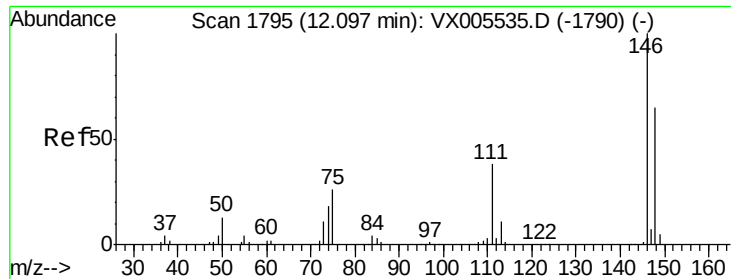
MMDadoda
 10/26/2018 11:53:36 AM



#87
 1,3-Dichlorobenzene
 Concen: 48.471 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	258615		
111	38.2		18.7	56.1
148	63.8		32.1	96.5





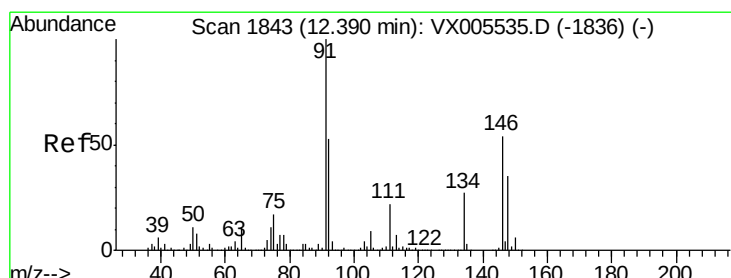
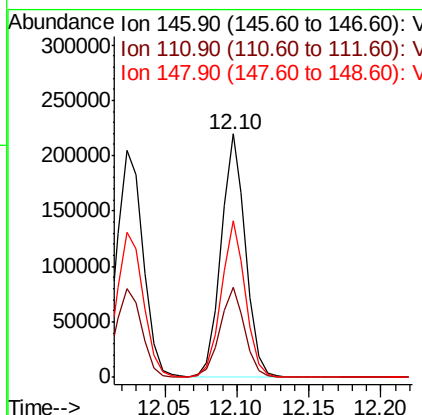
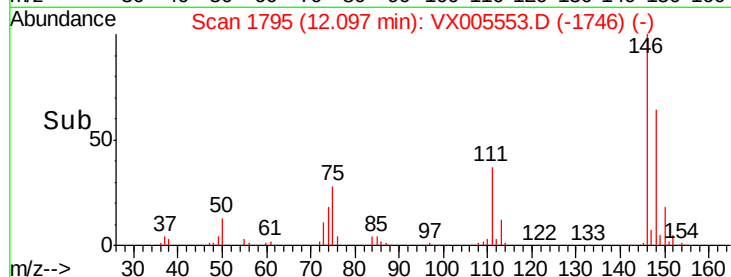
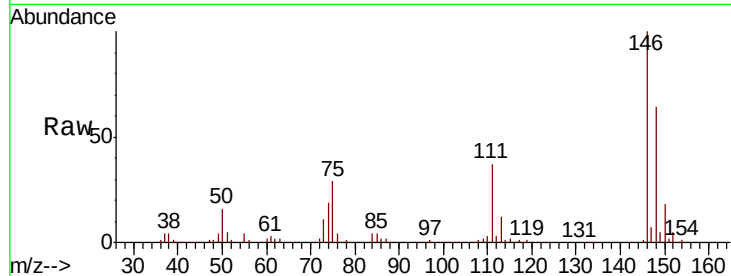
#88
 1,4-Dichlorobenzene
 Concen: 46.978 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Instrument :
 MSVOA_X
 ClientSampled :
 S37-0008MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	63.6	32.0	96.0

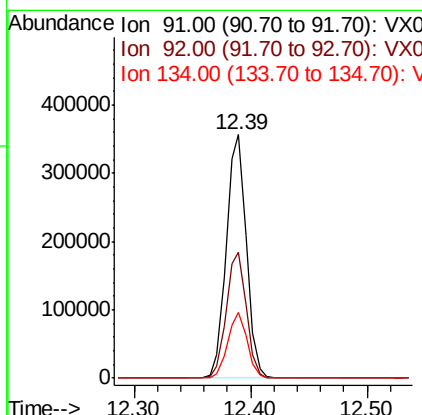
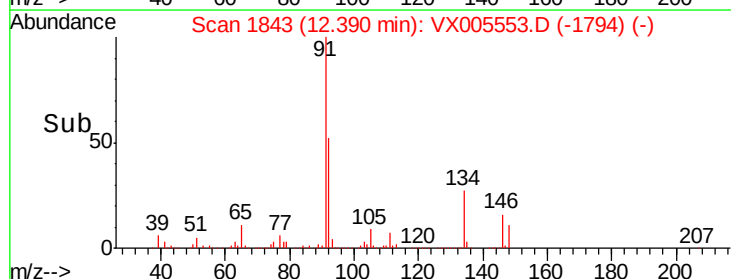
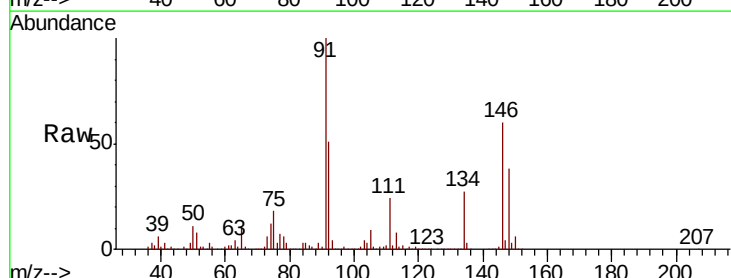
Manual Integrations
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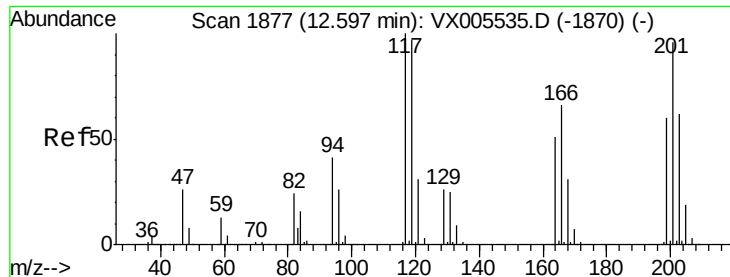
MMDadoda
 10/26/2018 11:53:36 AM



#89
 n-Butylbenzene
 Concen: 50.601 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.8	27.3	81.9
134	26.1	13.6	40.7





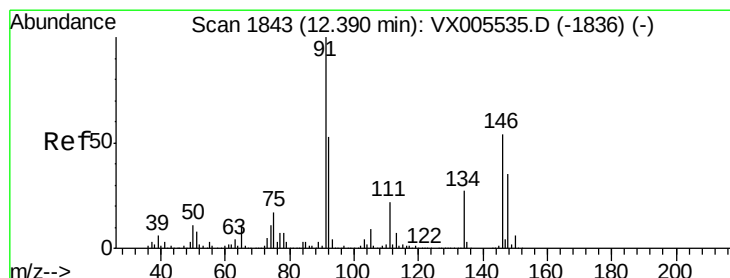
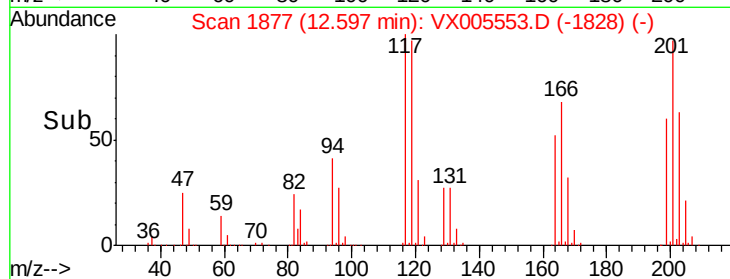
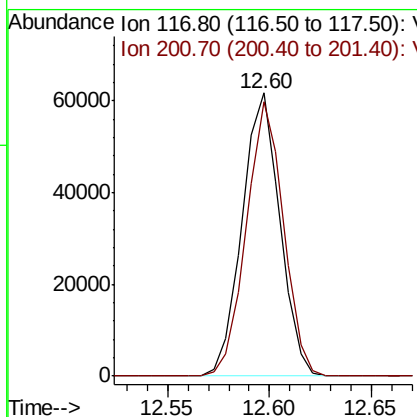
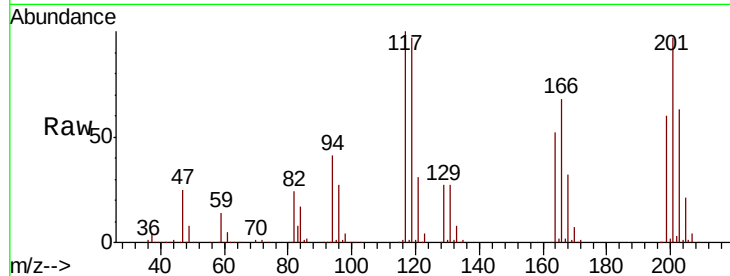
#90
 Hexachloroethane
 Concen: 49.675 ug/l
 RT: 12.60 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MS

Tot Ion	Ratio	Lower	Upper
117	100		
201	95.5	46.9	140.6

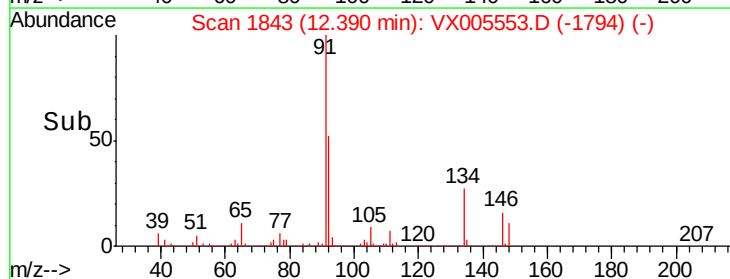
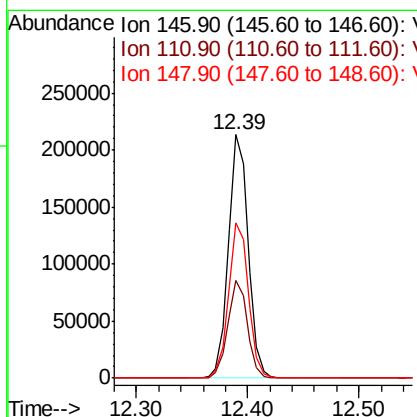
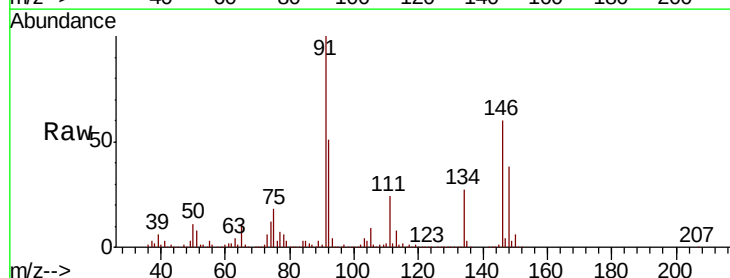
Manual Integrations
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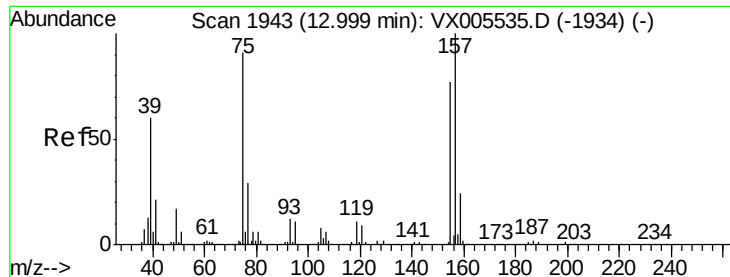
MMDadoda
 10/26/2018 11:53:36 AM



#91
 1,2-Dichlorobenzene
 Concen: 48.445 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.4	58.1
148	64.0	32.8	98.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.067 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

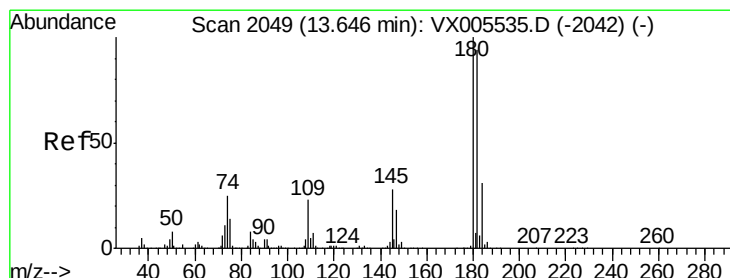
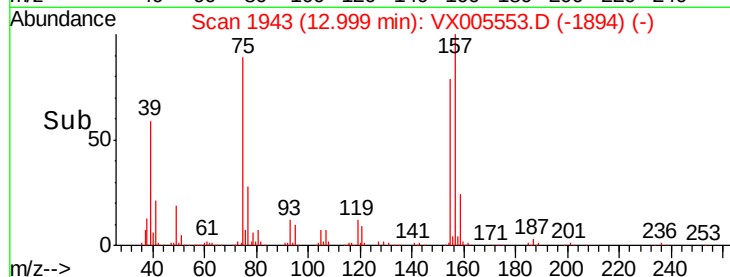
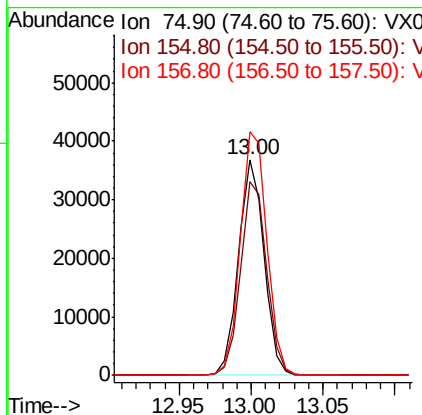
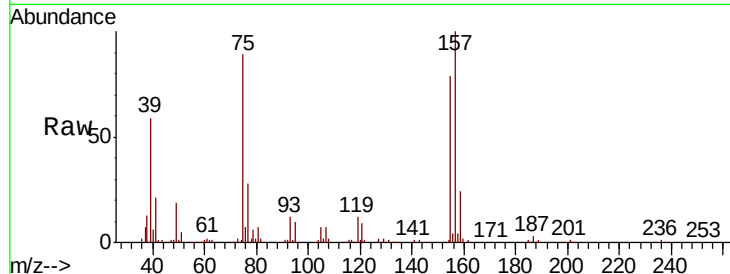
ClientSampleId :

S37-0008MS

Tot Ion:	75	Resp:	45470
Ion Ratio	Lower	Upper	
75	100		
155	91.4	48.0	144.2
157	116.7	61.4	184.1

Manual Integrations
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MMDadoda
10/26/2018 11:53:36 AM



#93

1,2,4-Trichlorobenzene

Concen: 49.477 ug/l

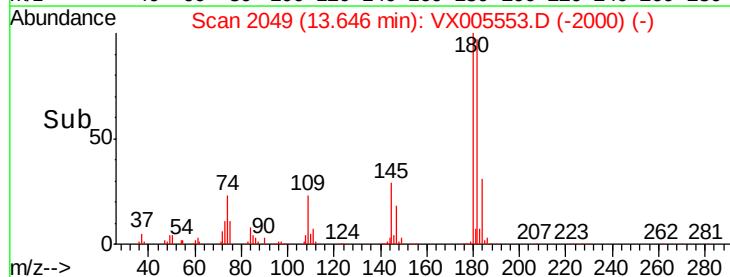
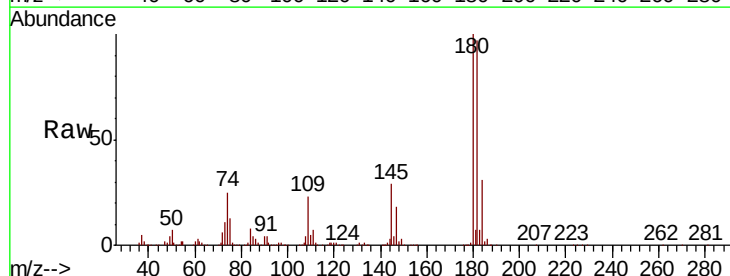
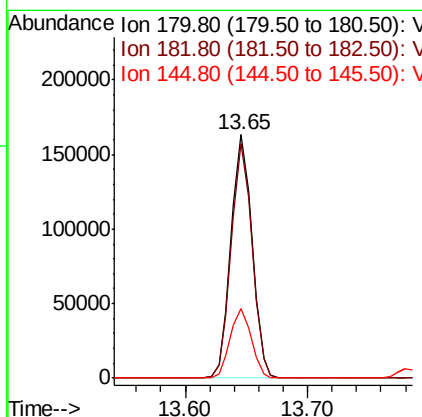
RT: 13.65 min Scan# 2049

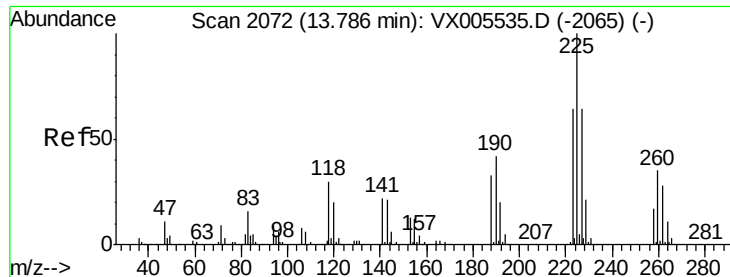
Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Tgt Ion:	180	Resp:	193607
Ion Ratio	Lower	Upper	
180	100		
182	95.8	48.4	145.0
145	28.8	14.3	42.9





#94

Hexachlorobutadiene

Concen: 46.364 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Instrument :

MSVOA_X

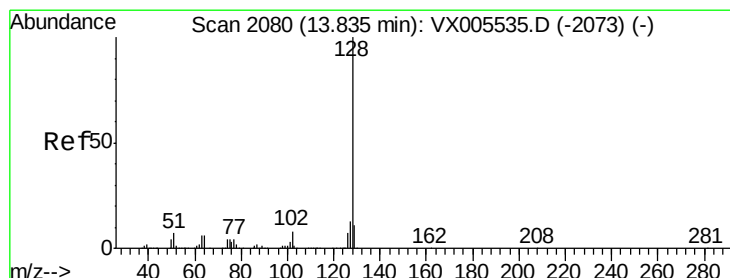
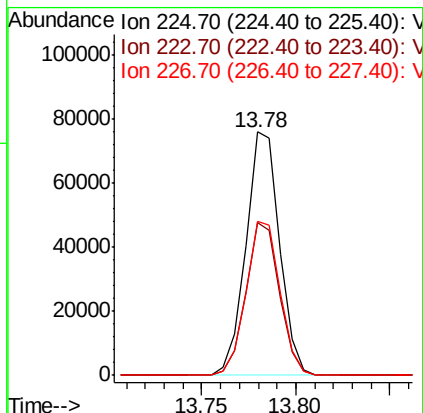
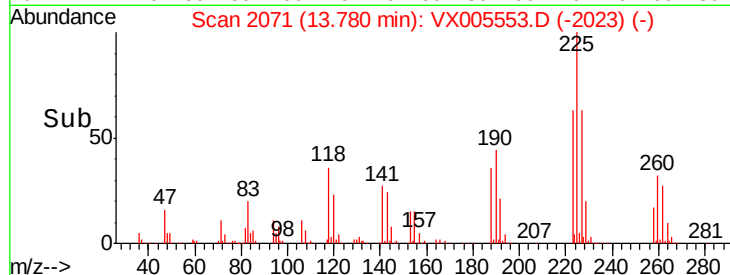
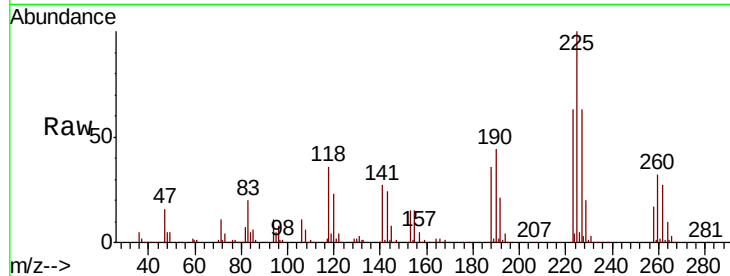
ClientSampleId :

S37-0008MS

Tot Ion:	225	Resp:	94020
Ion Ratio	Lower	Upper	
225	100		
223	62.4	30.1	90.5
227	64.0	30.8	92.4

Manual Integrations
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10/26/2018 11:53:36 AM



#95

Naphthalene

Concen: 53.484 ug/l

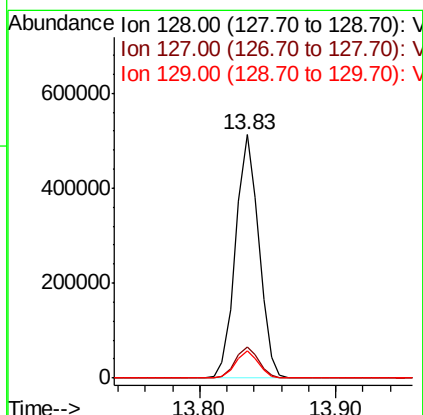
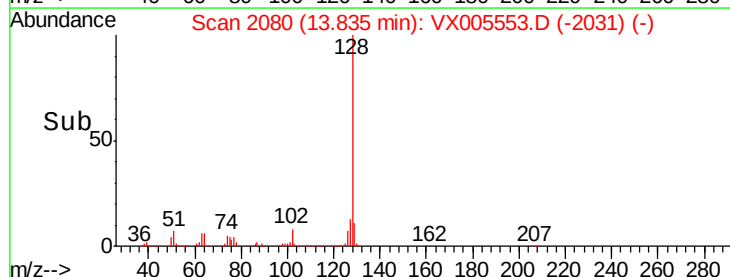
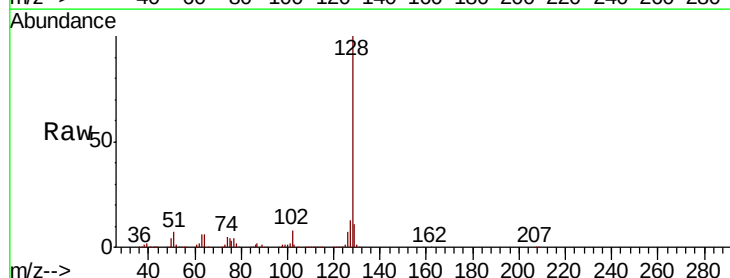
RT: 13.83 min Scan# 2080

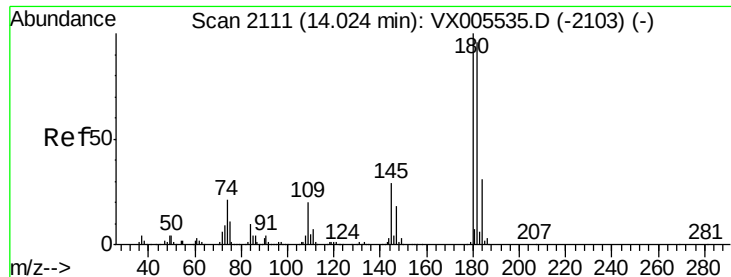
Delta R.T. -0.00 min

Lab File: VX005553.D

Acq: 24 Oct 2018 20:32

Tgt Ion:	128	Resp:	608350
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.2
129	11.0	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 50.553 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: VX005553.D
 Acq: 24 Oct 2018 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.4	48.5	145.6
145	29.8	14.9	44.9

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 11:53:36 AM

