

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060818\
 Data File : VX002397.D
 Acq On : 08 Jun 2018 12:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 9:30:23 AM

Quant Time: Jun 08 13:16:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	231670	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	171581	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
35) Dibromofluoromethane	5.51	113	136708	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
50) Toluene-d8	8.72	98	529535	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
62) 4-Bromofluorobenzene	11.14	95	203330	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	128846	48.39	ug/l	98
3) Chloromethane	1.32	50	142495	46.50	ug/l	99
4) Vinyl Chloride	1.41	62	162530	48.43	ug/l	99
5) Bromomethane	1.64	94	90694	47.60	ug/l	97
6) Chloroethane	1.72	64	107076	49.33	ug/l	100
7) Trichlorofluoromethane	1.93	101	276509	54.08	ug/l	100
8) Diethyl Ether	2.19	74	98855	54.63	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	155498	56.36	ug/l	99
10) Methyl Iodide	2.51	142	164271	42.33	ug/l	99
11) Tert butyl alcohol	3.08	59	194111	259.31	ug/l	99
12) 1,1-Dichloroethene	2.37	96	137712	50.50	ug/l	99
13) Acrolein	2.30	56	104647	289.27	ug/l	98
14) Allyl chloride	2.73	41	278276	47.02	ug/l	99
15) Acrylonitrile	3.15	53	422082	271.59	ug/l	100
16) Acetone	2.45	43	451410	289.59	ug/l	100
17) Carbon Disulfide	2.57	76	325035	45.23	ug/l	99
18) Methyl Acetate	2.78	43	204570	56.08	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	517997	54.78	ug/l	99
20) Methylene Chloride	2.86	84	157215	54.53	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	146259	48.64	ug/l	97
22) Diisopropyl ether	3.88	45	493918	49.96	ug/l	99
23) Vinyl Acetate	3.83	43	2284512	238.14	ug/l	100
24) 1,1-Dichloroethane	3.70	63	292130	49.95	ug/l	99
25) 2-Butanone	4.71	43	575850	229.29	ug/l	99
26) 2,2-Dichloropropane	4.59	77	212210	46.42	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	149797	45.81	ug/l	94
28) Bromochloromethane	5.03	49	136389	55.20	ug/l	99
29) Tetrahydrofuran	5.17	42	363414	224.43	ug/l	99
30) Chloroform	5.22	83	266783	47.27	ug/l	97
31) Cyclohexane	5.58	56	228560	49.42	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	234855	49.07	ug/l	100
36) 1,1-Dichloropropene	5.81	75	192120	49.04	ug/l	99
37) Ethyl Acetate	4.87	43	222807	47.29	ug/l	99
38) Carbon Tetrachloride	5.79	117	207867	50.72	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	237105	48.99	ug/l	97
40) Benzene	6.15	78	578732	48.18	ug/l	99
41) Methacrylonitrile	5.07	41	125811	46.64	ug/l	99
42) 1,2-Dichloroethane	6.20	62	225893	47.33	ug/l	99
43) Isopropyl Acetate	6.47	43	375111	46.87	ug/l	99
44) Trichloroethene	7.22	130	164550	49.35	ug/l	96
45) 1,2-Dichloropropane	7.52	63	154199	47.55	ug/l	100
46) Dibromomethane	7.67	93	103861	47.24	ug/l	99
47) Bromodichloromethane	7.90	83	196155	49.33	ug/l	100
48) Methyl methacrylate	7.78	41	190777	47.46	ug/l	99
49) 1,4-Dioxane	7.76	88	70279	935.03	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1218306	244.46	ug/l	100
52) Toluene	8.79	92	380768	49.84	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	234687	49.22	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	221454	49.23	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	154579	49.19	ug/l	99
56) Ethyl methacrylate	9.18	69	244097	48.65	ug/l	99
57) 1,3-Dichloropropane	9.38	76	256107	48.58	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	573475	246.97	ug/l	99
59) 2-Hexanone	9.50	43	950182	246.84	ug/l	99
60) Dibromochloromethane	9.59	129	163655	51.78	ug/l	99
61) 1,2-Dibromoethane	9.68	107	164144	50.10	ug/l	99
64) Tetrachloroethene	9.34	164	180908	48.87	ug/l	98
65) Chlorobenzene	10.14	112	439633	49.22	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	162418	50.22	ug/l	99
67) Ethyl Benzene	10.26	91	758859	50.77	ug/l	98
68) m/p-Xylenes	10.37	106	589893	101.52	ug/l	100
69) o-Xylene	10.70	106	292372	50.56	ug/l	98
70) Styrene	10.71	104	488080	51.63	ug/l	99
71) Bromoform	10.86	173	128431	44.73	ug/l	100
73) Isopropylbenzene	11.02	105	801497	49.73	ug/l	100
74) N-amyl acetate	6.47	43	375111	43.20	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	236699	46.70	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	234907m	46.21	ug/l	
77) Bromobenzene	11.26	156	213742	47.24	ug/l	99
78) n-propylbenzene	11.37	91	912466	50.94	ug/l	100
79) 2-Chlorotoluene	11.43	91	536534	47.44	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	684975	49.55	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	65757	45.34	ug/l	97
82) 4-Chlorotoluene	11.51	91	636232	48.73	ug/l	99
83) tert-Butylbenzene	11.77	119	672718	49.98	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	703265	49.42	ug/l	99
85) sec-Butylbenzene	11.95	105	822567	52.13	ug/l	99
86) p-Isopropyltoluene	12.07	119	754331	52.48	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	396104	48.96	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	403526	48.39	ug/l	99
89) n-Butylbenzene	12.39	91	652988	54.17	ug/l	100
90) Hexachloroethane	12.60	117	112382	48.98	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	404679	48.35	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53315	48.10	ug/l	97

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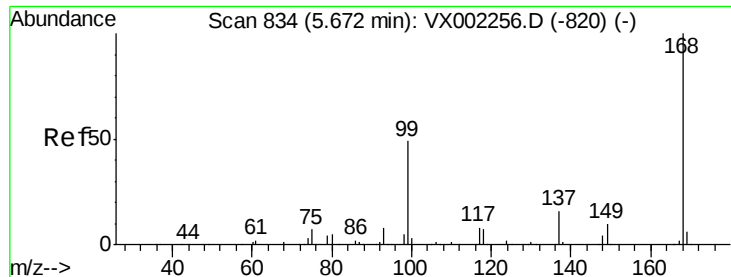
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	298330	50.83	ug/l	100
94) Hexachlorobutadiene	13.79	225	164241	56.63	ug/l	98
95) Naphthalene	13.84	128	844244	50.07	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	302969	50.62	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 256144

Ion Ratio Lower Upper

168 100

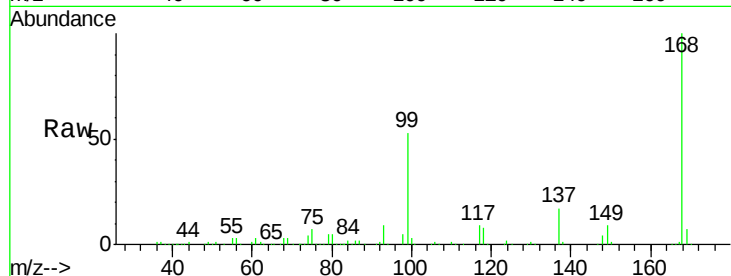
99 53.2 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

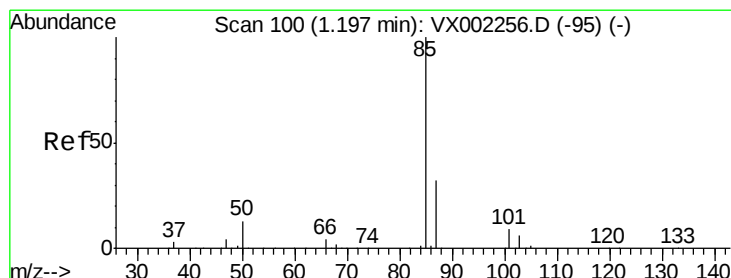
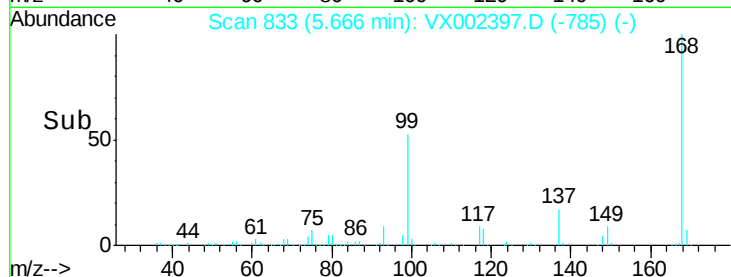
40000

20000

0

5.60 5.67 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.39 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002397.D

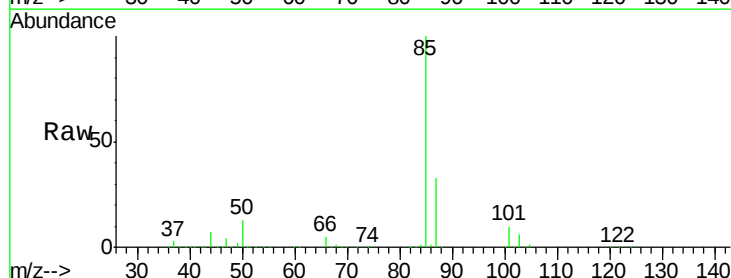
Acq: 08 Jun 2018 12:54

Tgt Ion: 85 Resp: 128846

Ion Ratio Lower Upper

85 100

87 33.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

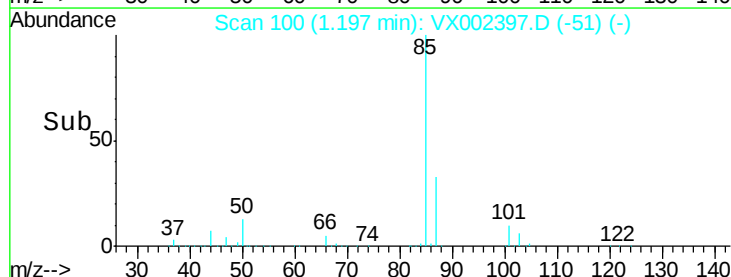
100000

50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 46.50 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 142495

Ion Ratio Lower Upper

50 100

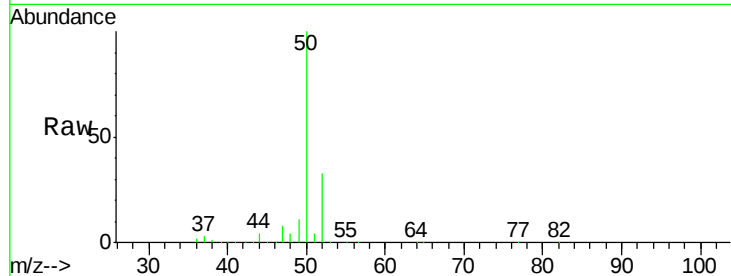
52 32.7 25.7 38.5

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

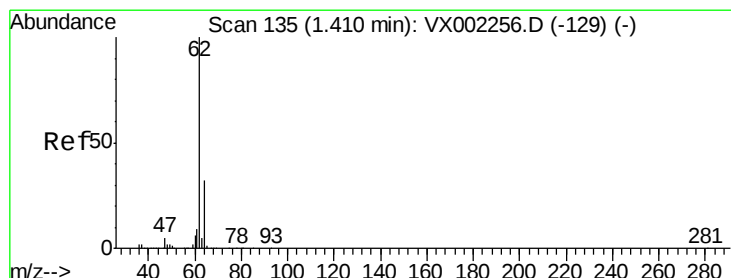
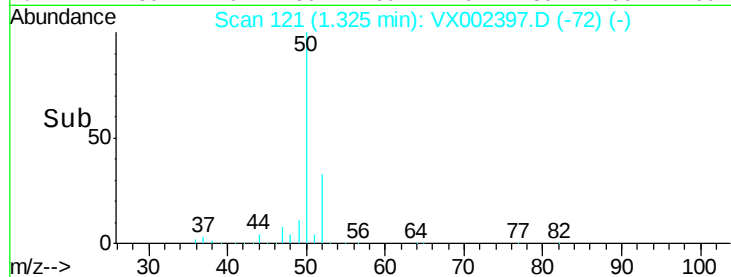
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 48.43 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002397.D

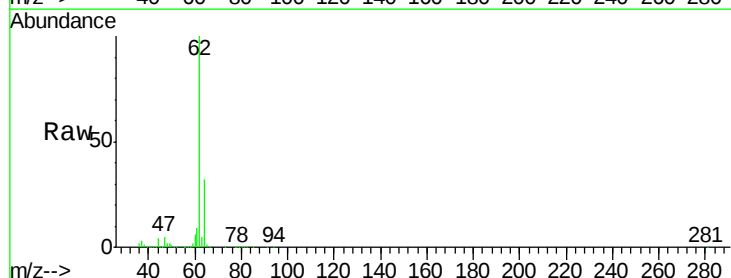
Acq: 08 Jun 2018 12:54

Tgt Ion: 62 Resp: 162530

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

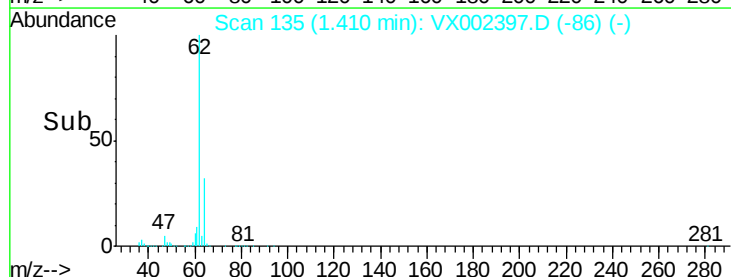
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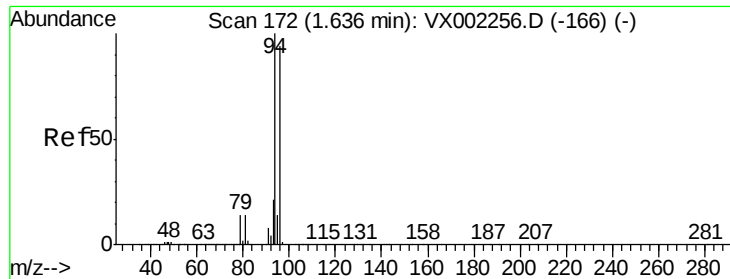
100000

50000

0

Time-->





#5

Bromomethane

Concen: 47.60 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 90694

Ion Ratio Lower Upper

94 100

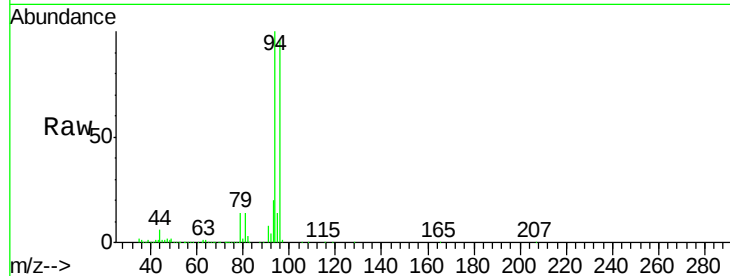
96 96.2 74.9 112.3

Manual Integrations

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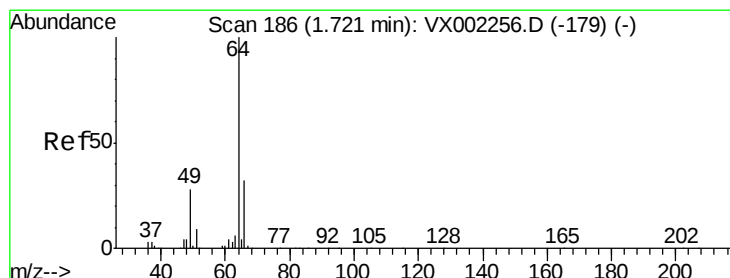
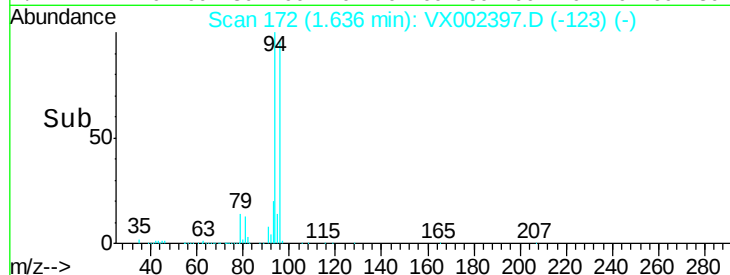
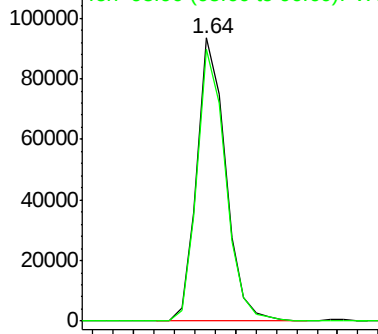
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.33 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002397.D

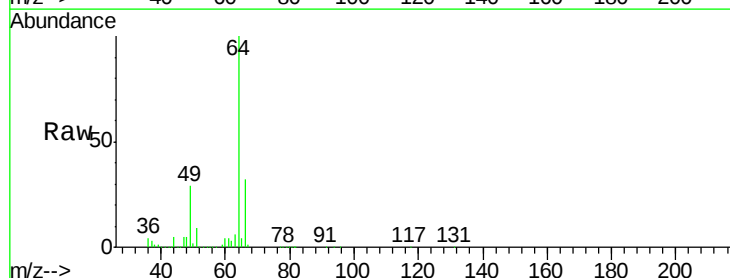
Acq: 08 Jun 2018 12:54

Tgt Ion: 64 Resp: 107076

Ion Ratio Lower Upper

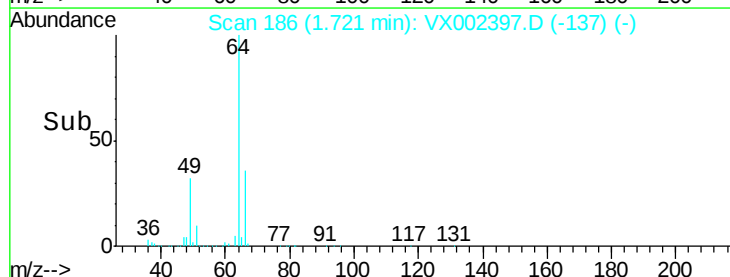
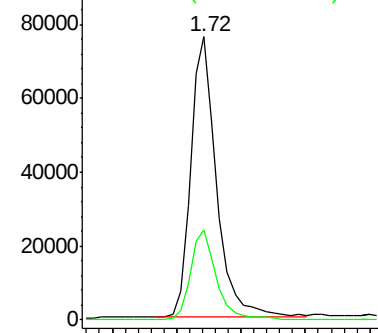
64 100

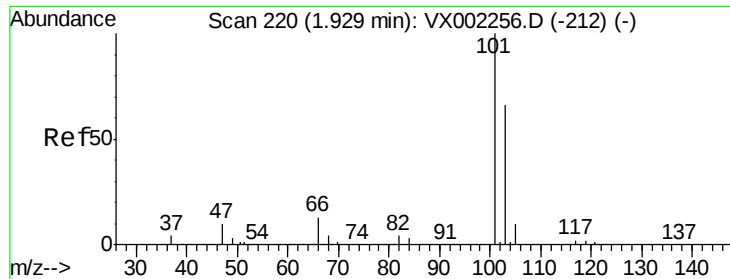
66 32.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

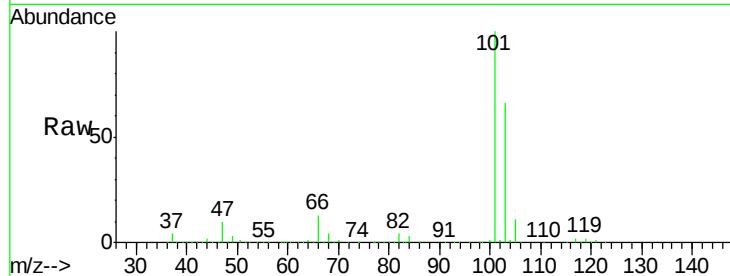
Trichlorofluoromethane
Concen: 54.08 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

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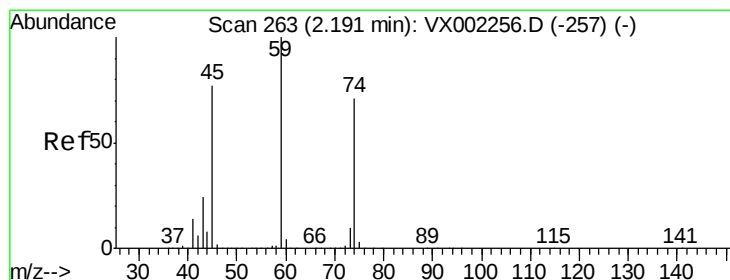
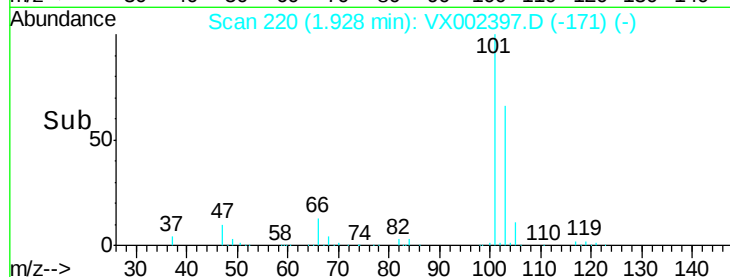
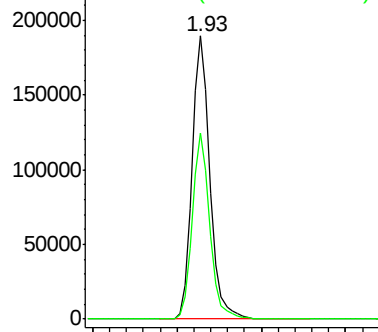
Tgt Ion: 101 Resp: 276509
Ion Ratio Lower Upper
101 100
103 65.6 52.8 79.2

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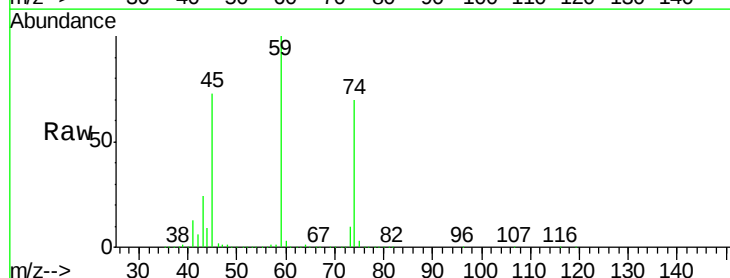
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



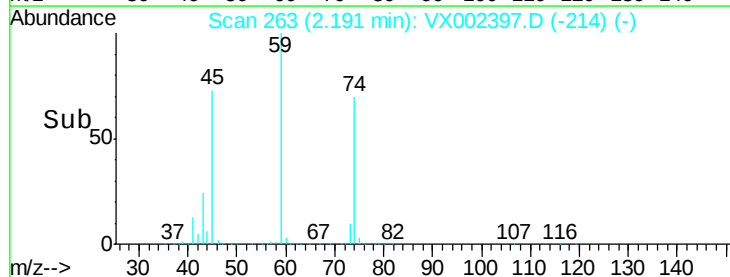
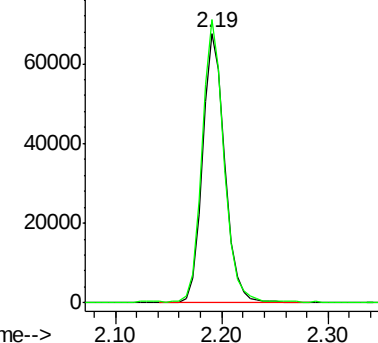
#8

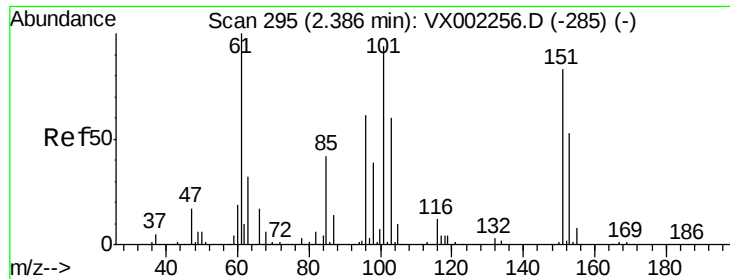
Diethyl Ether
Concen: 54.63 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Tgt Ion: 74 Resp: 98855
Ion Ratio Lower Upper
74 100
45 102.7 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.36 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Instrument :

MSVOA_X

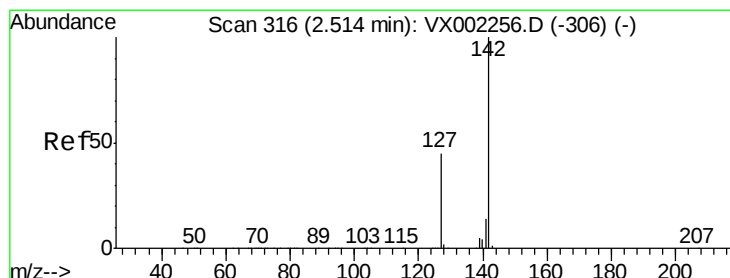
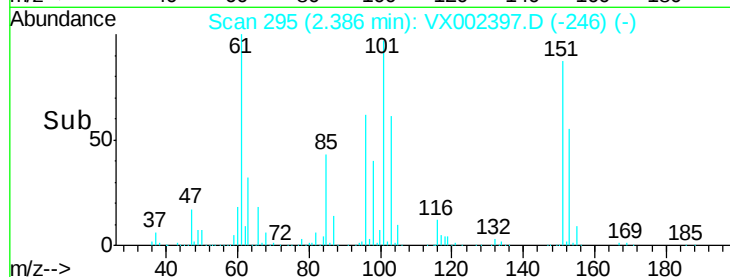
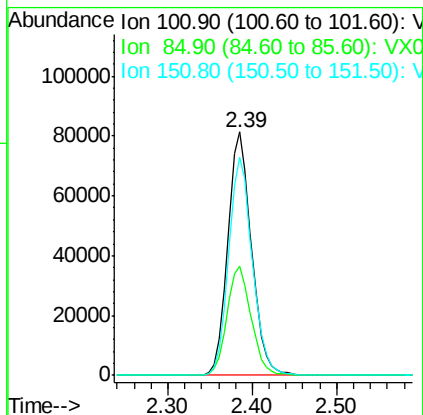
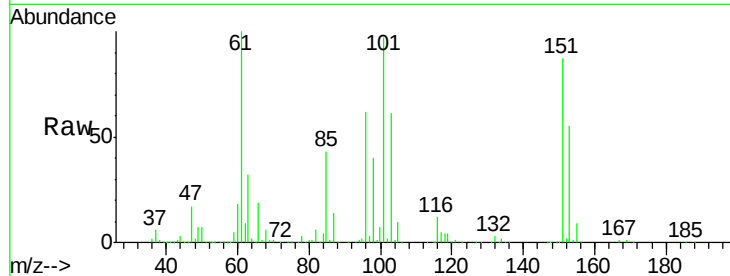
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	155498
Ion Ratio	Lower	Upper	
101	100		
85	45.6	36.0	54.0
151	89.6	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 42.33 ug/l

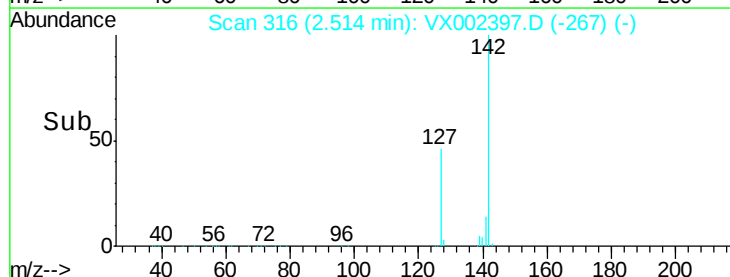
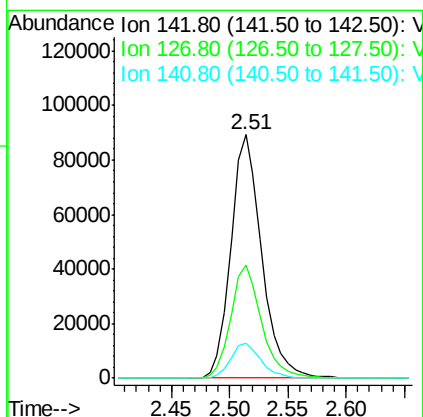
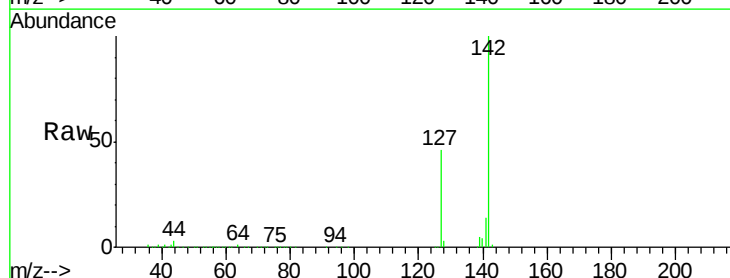
RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Tgt Ion:	142	Resp:	164271
Ion Ratio	Lower	Upper	
142	100		
127	46.3	36.6	55.0
141	14.4	11.3	16.9





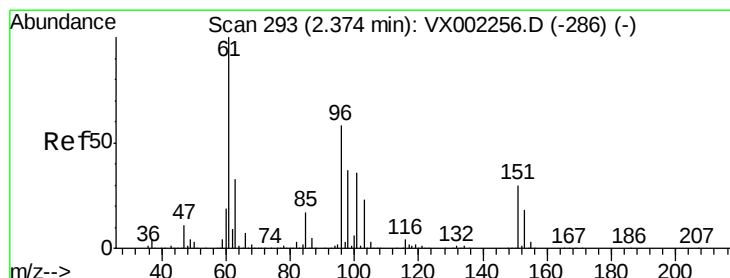
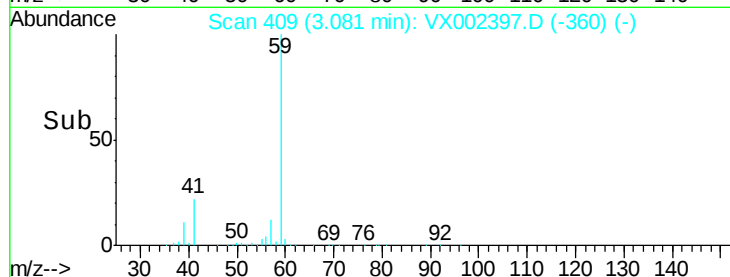
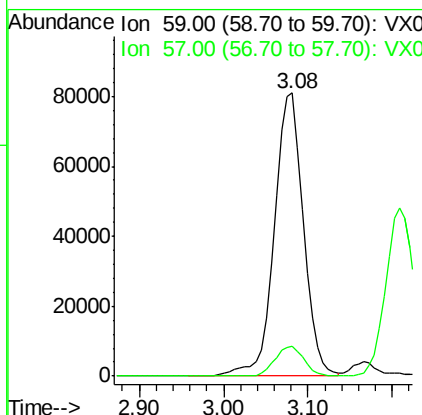
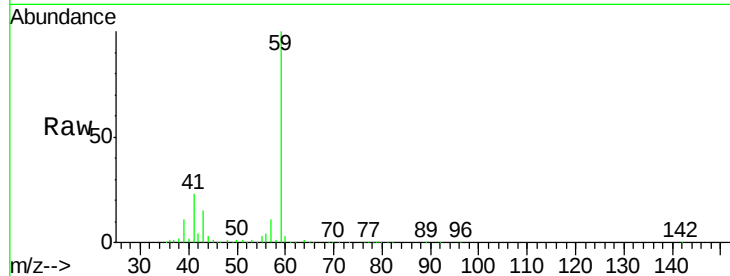
#11
Tert butyl alcohol
Concen: 259.31 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 194111
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2

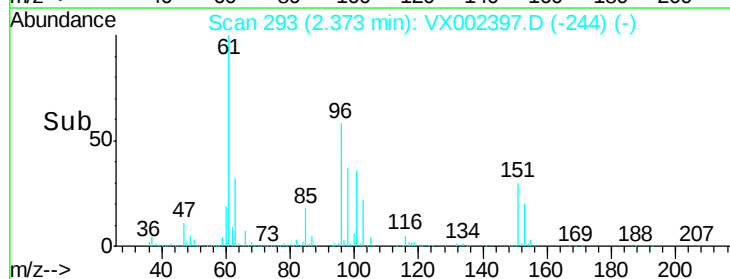
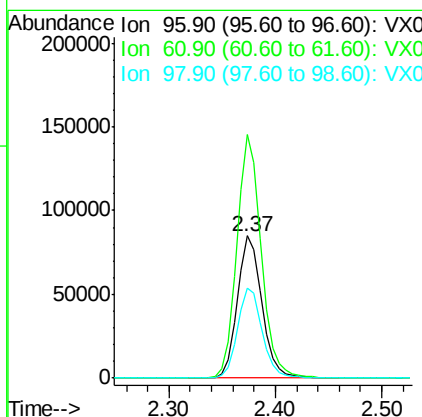
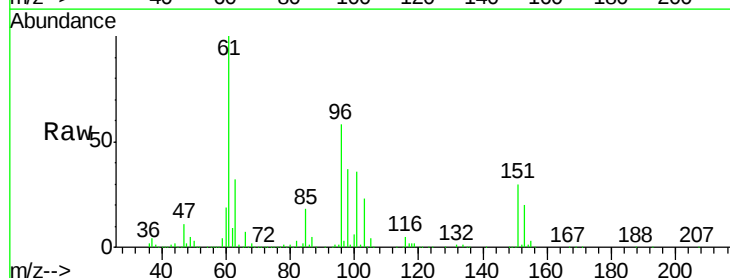
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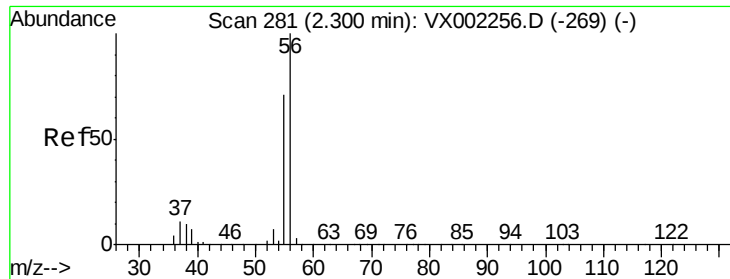
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#12
1,1-Dichloroethene
Concen: 50.50 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Tgt Ion: 96 Resp: 137712
Ion Ratio Lower Upper
96 100
61 171.4 137.9 206.9
98 63.5 51.6 77.4





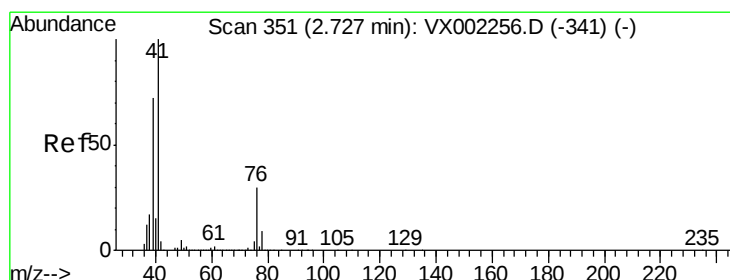
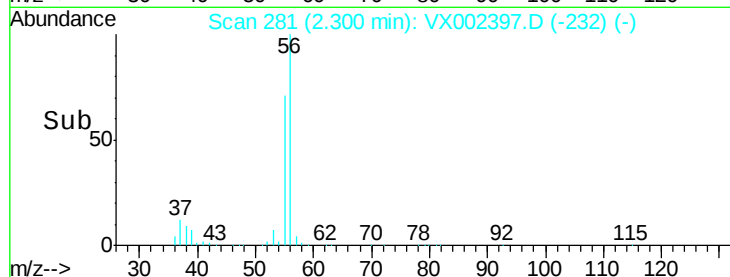
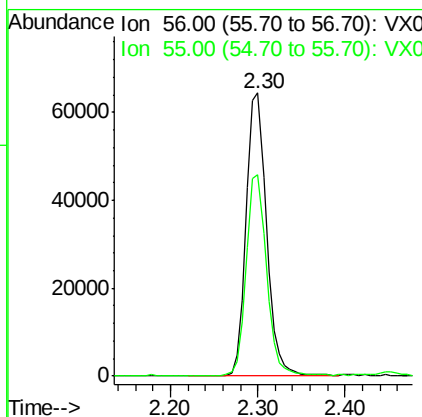
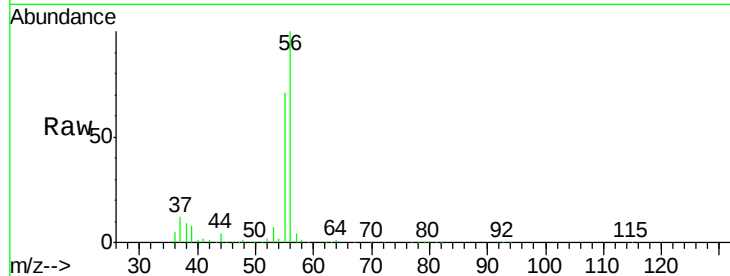
#13
Acrolein
Concen: 289.27 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
55	69.9	57.0	85.4

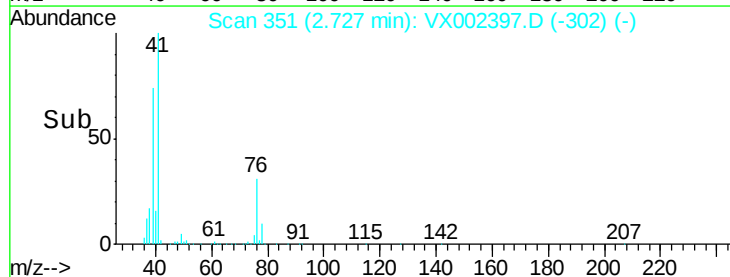
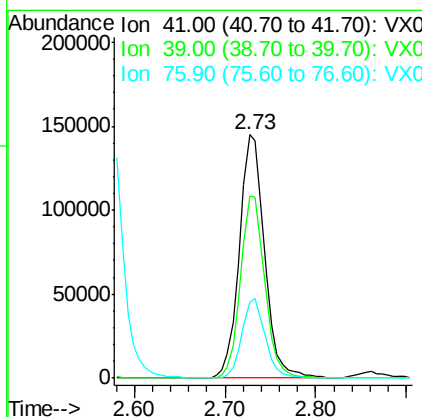
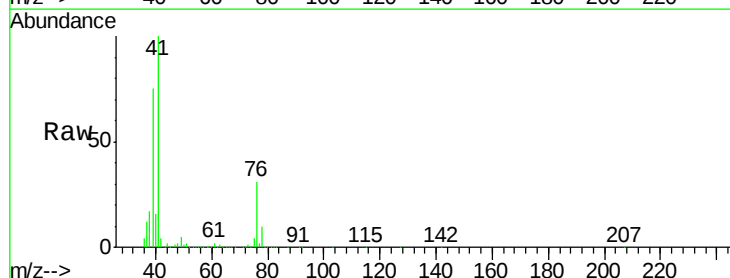
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6/11/2018 9:30:23 AM



#14
Allyl chloride
Concen: 47.02 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
41	100		
39	72.1	56.8	85.2
76	30.1	23.8	35.8





#15

Acrylonitrile

Concen: 271.59 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Instrument :

MSVOA_X

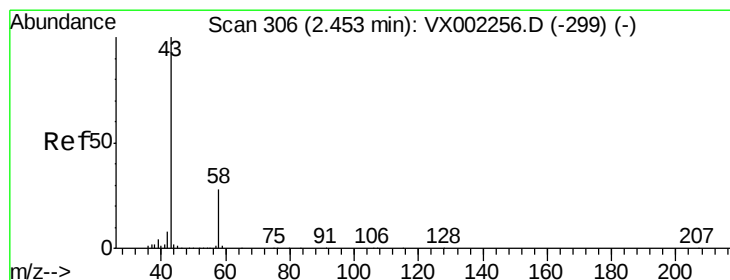
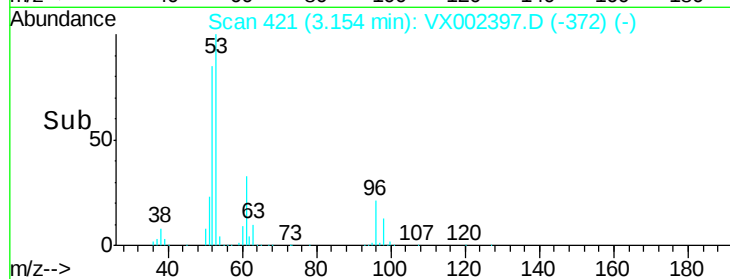
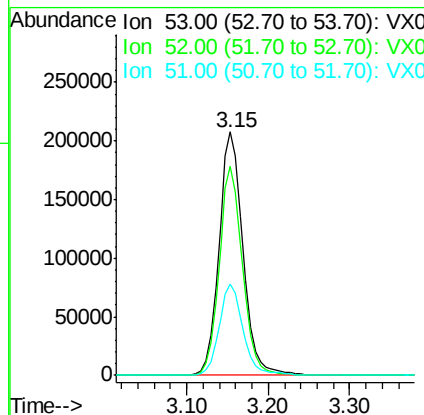
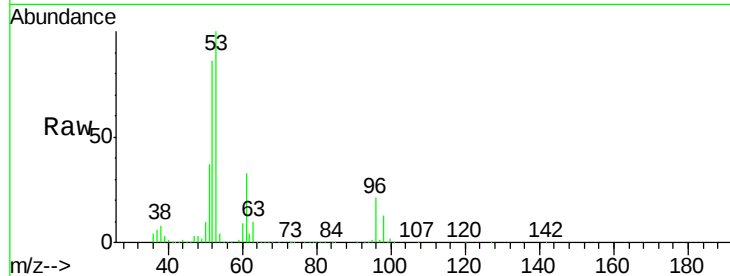
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	422082
Ion Ratio		Lower	Upper
53	100		
52	83.6	66.7	100.1
51	37.4	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 289.59 ug/l

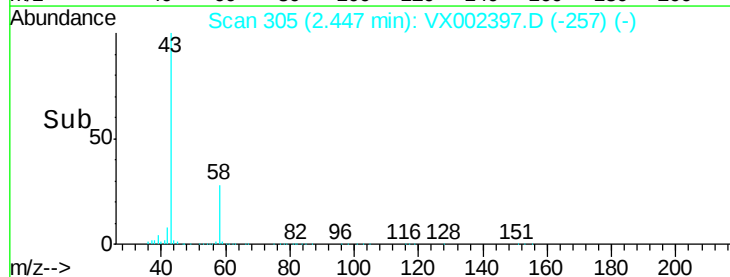
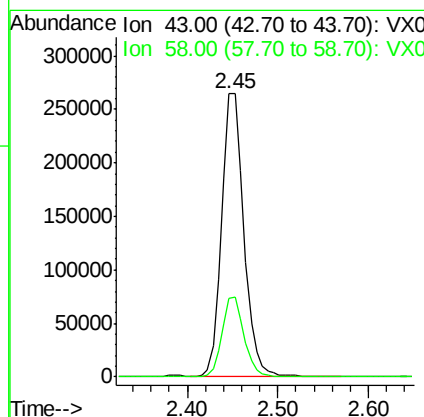
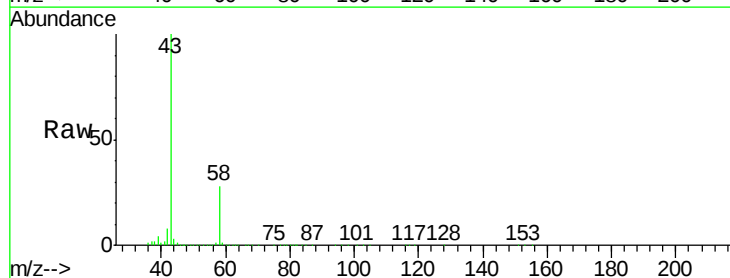
RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Tgt Ion:	43	Resp:	451410
Ion Ratio		Lower	Upper
43	100		
58	27.8	22.1	33.1





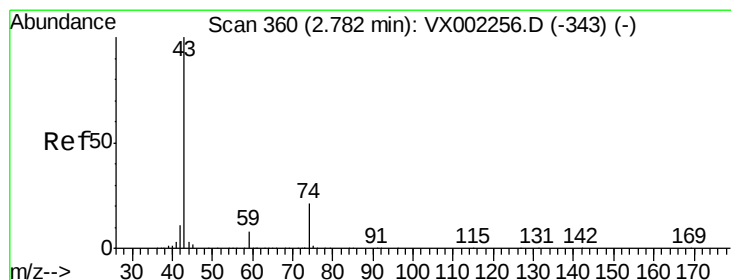
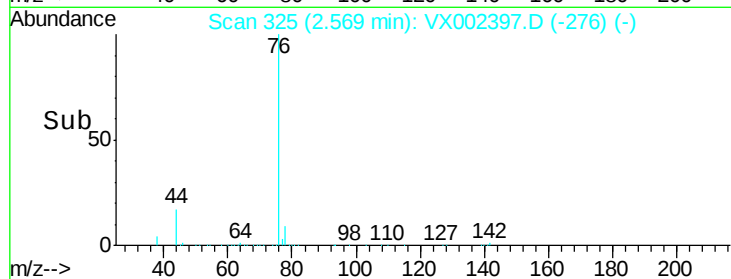
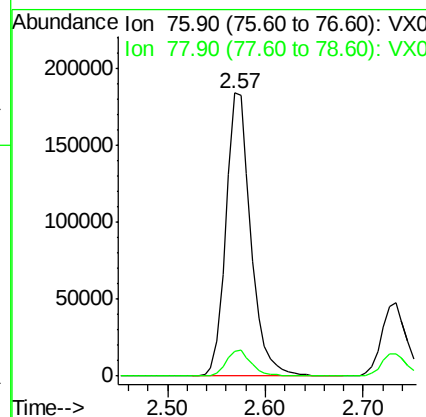
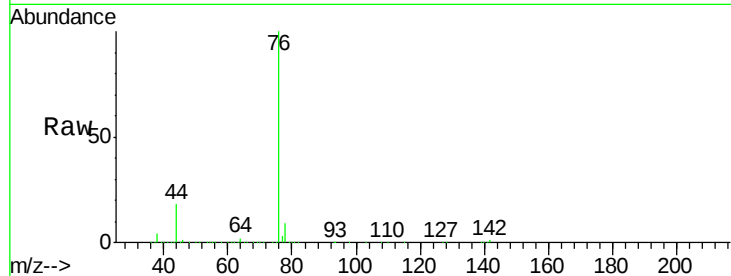
#17
Carbon Disulfide
Concen: 45.23 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.9	10.3

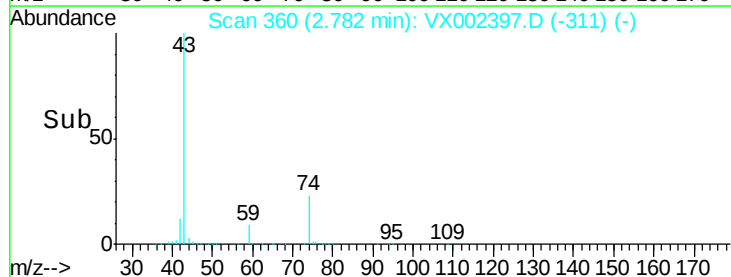
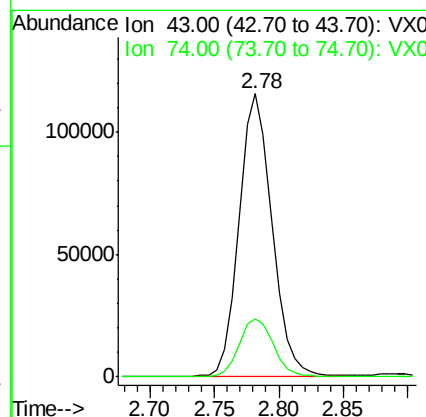
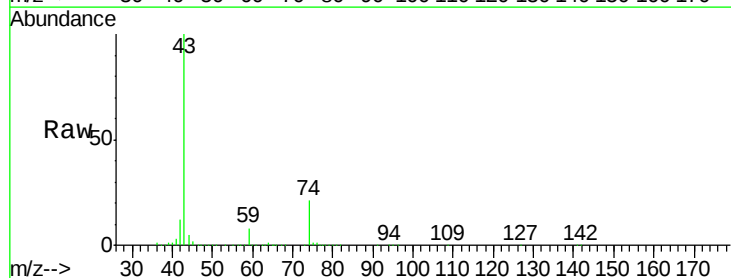
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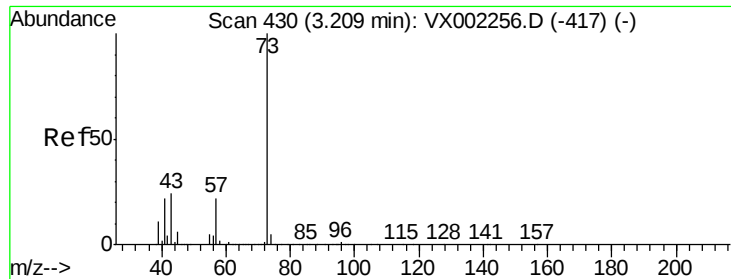
MMDadoda
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#18
Methyl Acetate
Concen: 56.08 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.1	16.7	25.1





#19

Methyl tert-butyl Ether

Concen: 54.78 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Tgt Ion: 73 Resp: 517997

Ion Ratio Lower Upper

73 100

57 21.7 17.7 26.5

Instrument :

MSVOA_X

ClientSampleId :

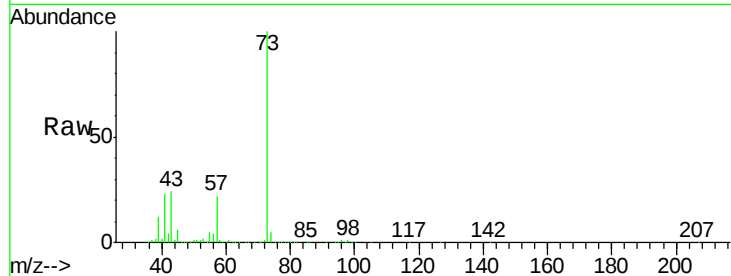
VSTDCCC050

Manual Integrations

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Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

250000

200000

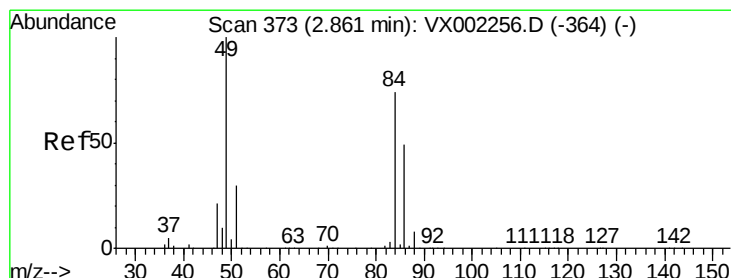
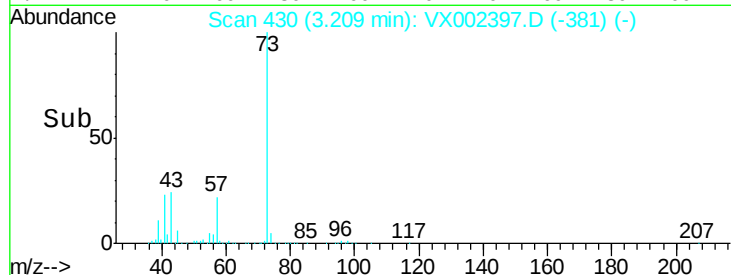
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 54.53 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Tgt Ion: 84 Resp: 157215

Ion Ratio Lower Upper

84 100

49 133.2 107.8 161.6

51 39.7 32.8 49.2

86 63.8 52.5 78.7

Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

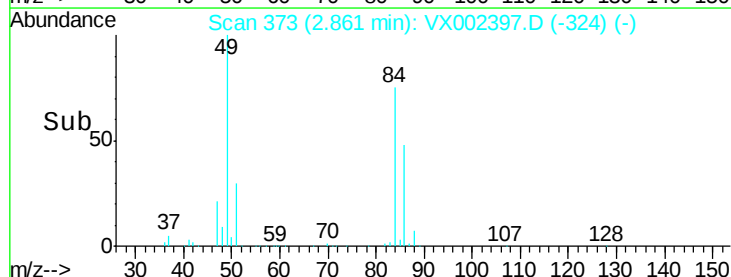
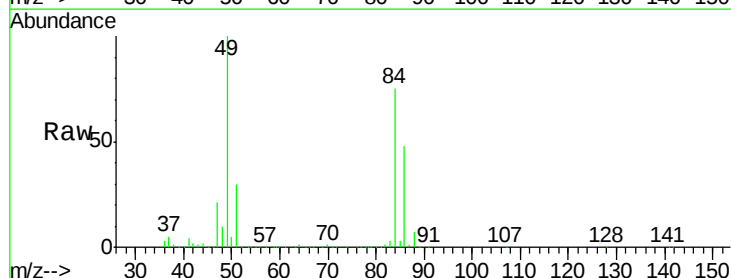
150000

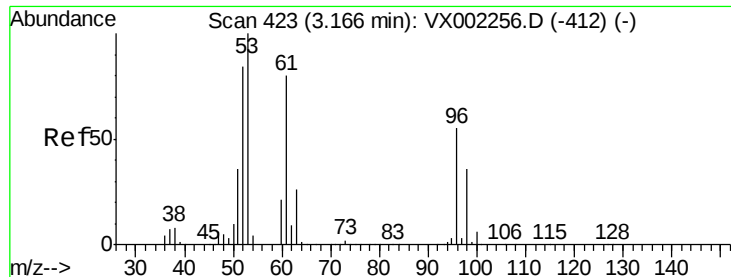
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 48.64 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 146259

Ion Ratio Lower Upper

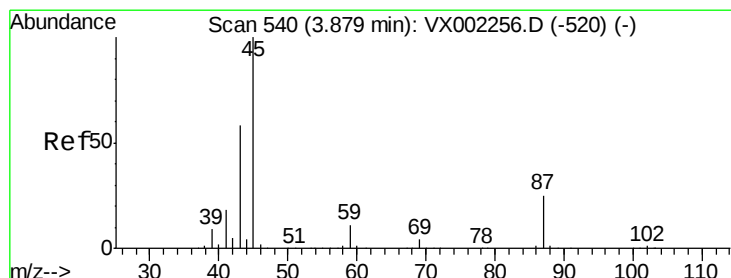
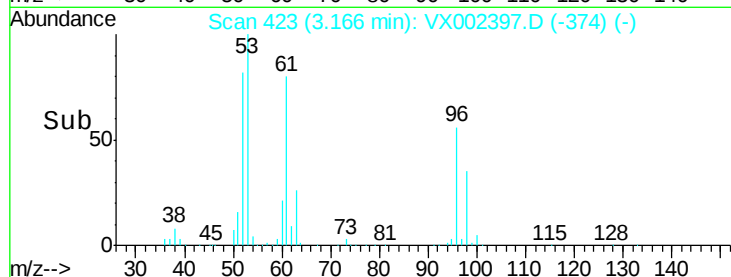
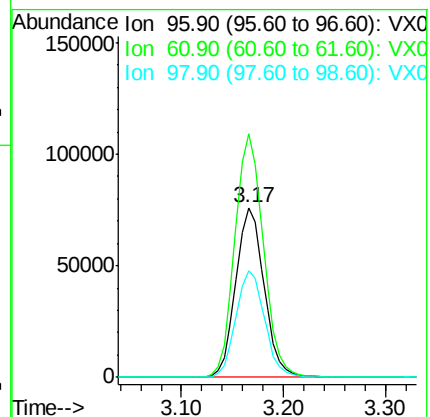
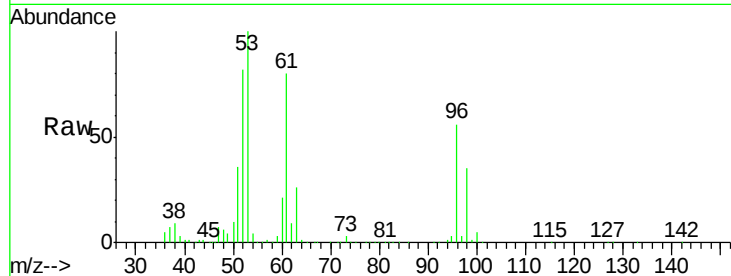
96 100

61 143.5 117.0 175.4

98 62.8 52.4 78.6

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#22

Diisopropyl ether

Concen: 49.96 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Tgt Ion: 45 Resp: 493918

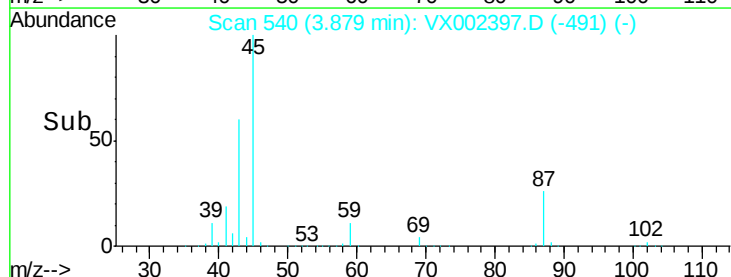
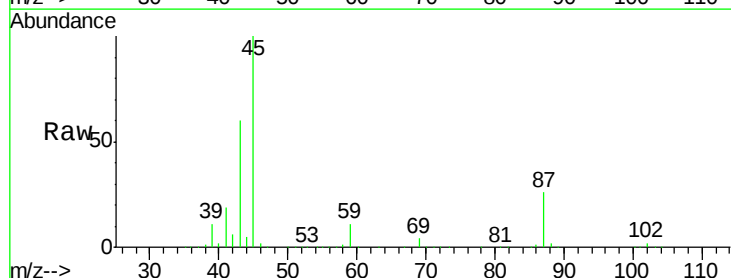
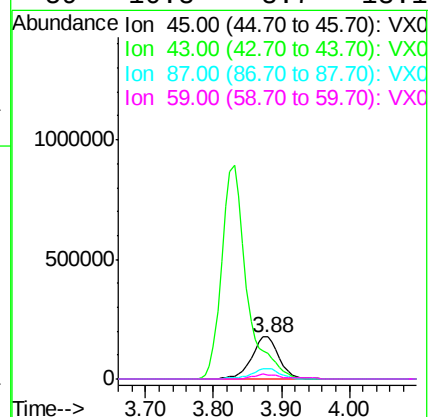
Ion Ratio Lower Upper

45 100

43 59.8 46.8 70.2

87 25.6 20.2 30.4

59 10.8 8.7 13.1





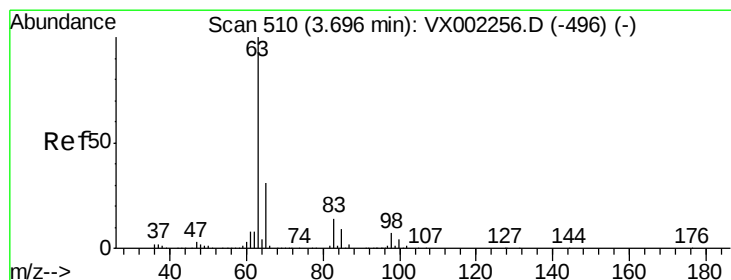
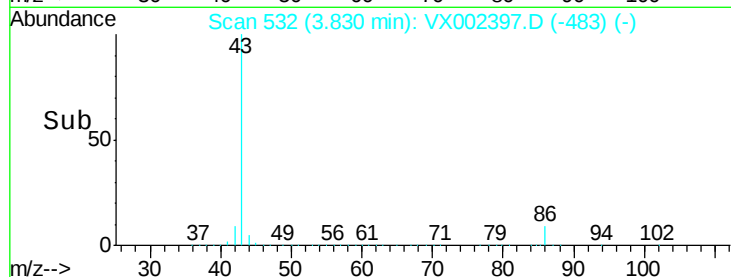
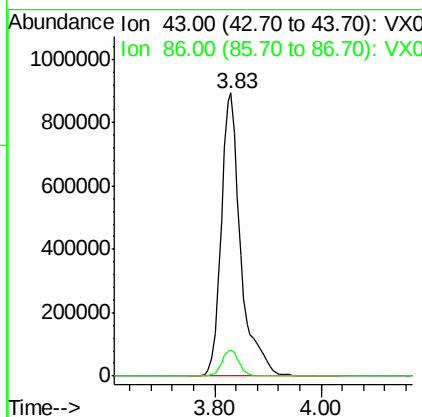
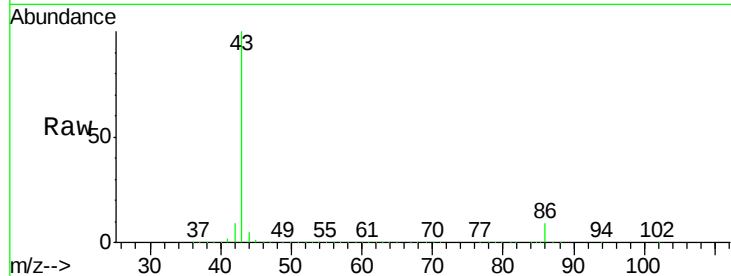
#23
 Vinyl Acetate
 Concen: 238.14 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX002397.D
 Acq: 08 Jun 2018 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2284512
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.4 11.0

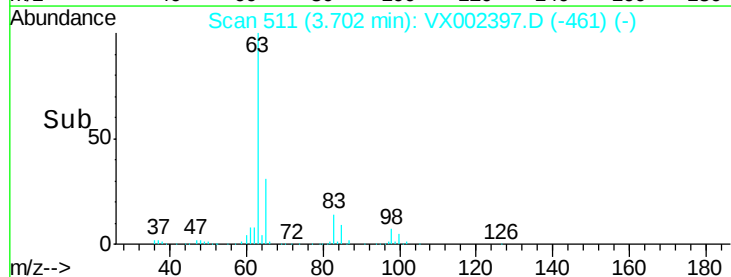
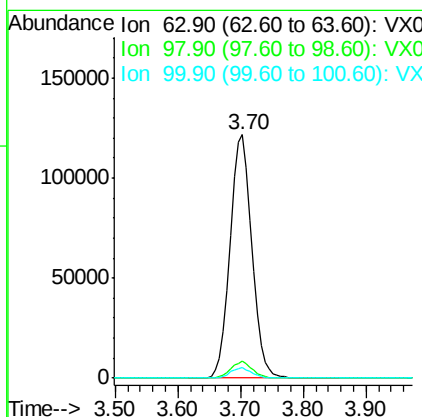
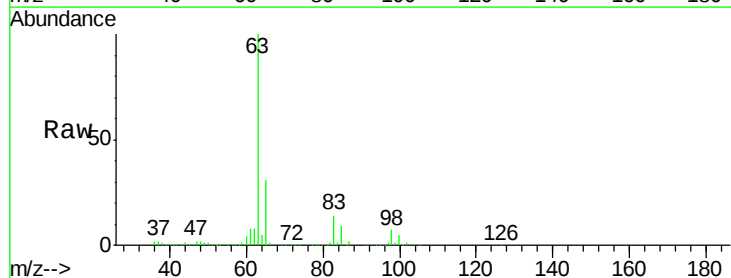
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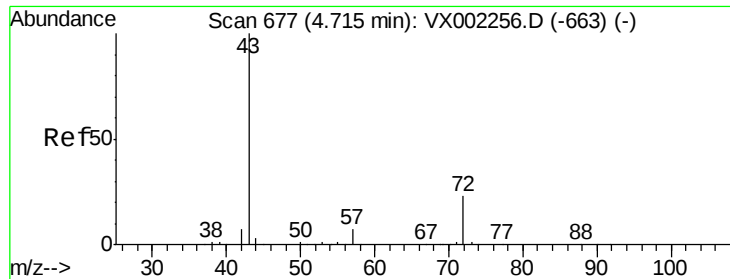
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#24
 1,1-Dichloroethane
 Concen: 49.95 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VX002397.D
 Acq: 08 Jun 2018 12:54

Tgt Ion: 63 Resp: 292130
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.2
 100 4.5 2.0 6.0





#25

2-Butanone

Concen: 229.29 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 575850

Ion Ratio Lower Upper

43 100

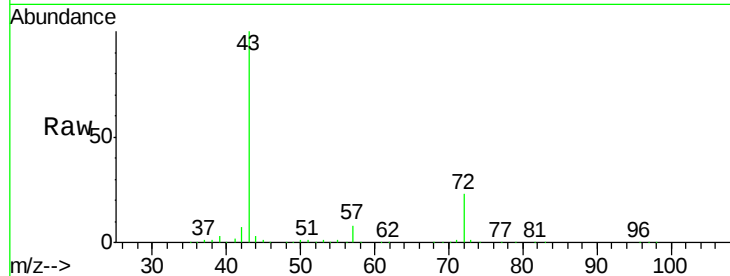
72 23.4 18.5 27.7

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

200000

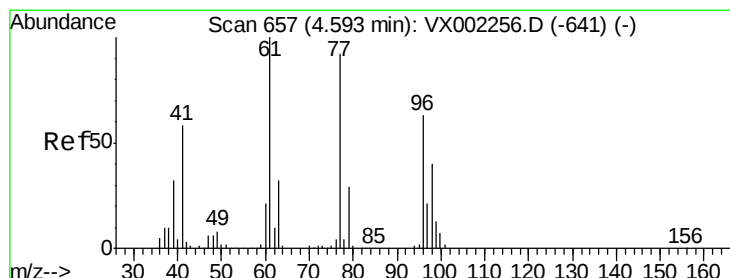
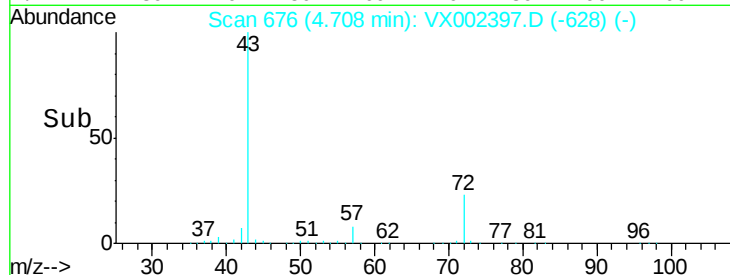
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 46.42 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002397.D

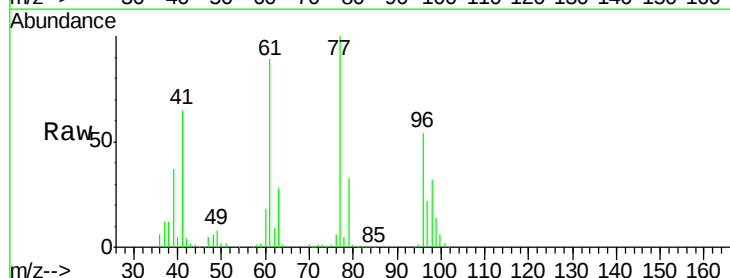
Acq: 08 Jun 2018 12:54

Tgt Ion: 77 Resp: 212210

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

80000

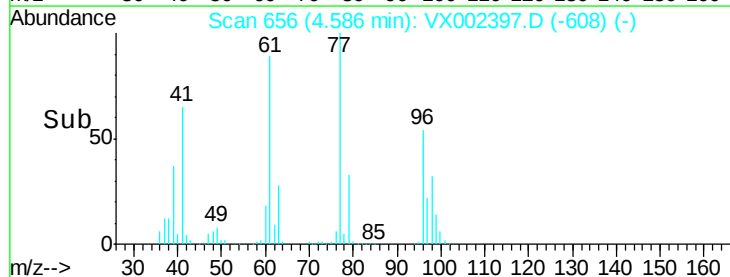
60000

40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 45.81 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002397.D

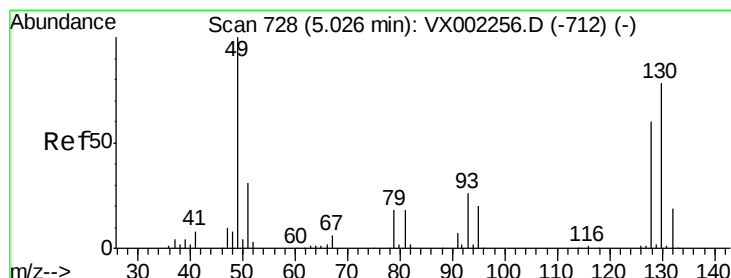
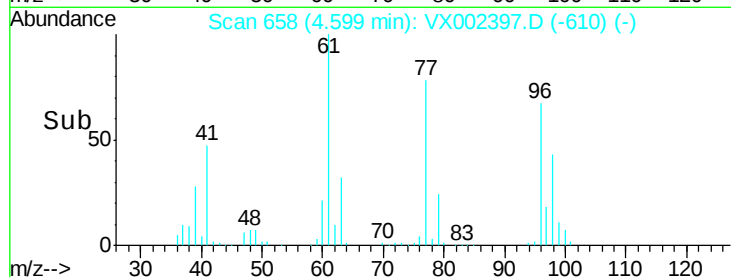
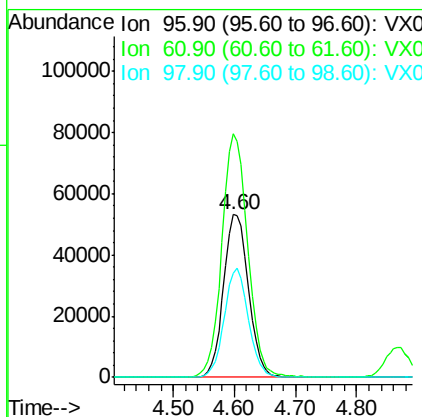
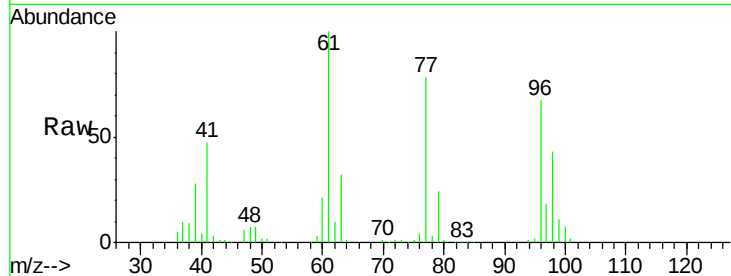
Acq: 08 Jun 2018 12:54

Tgt Ion:	96	Resp:	149797
Ion	Ratio	Lower	Upper
96	100		
61	155.0	0.0	330.2
98	64.7	0.0	130.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
6/11/2018 9:30:23 AM



#28

Bromochloromethane

Concen: 55.20 ug/l

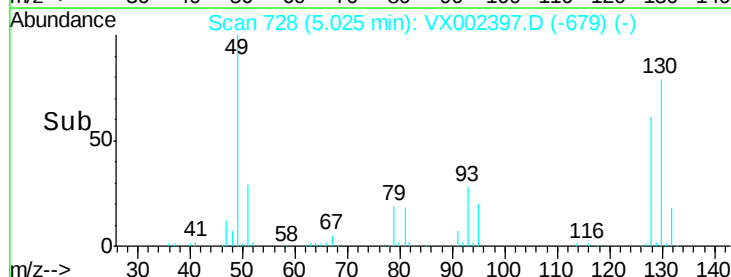
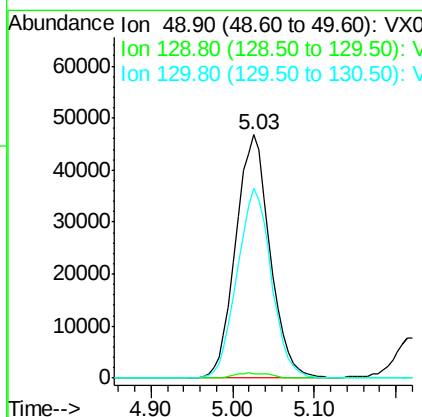
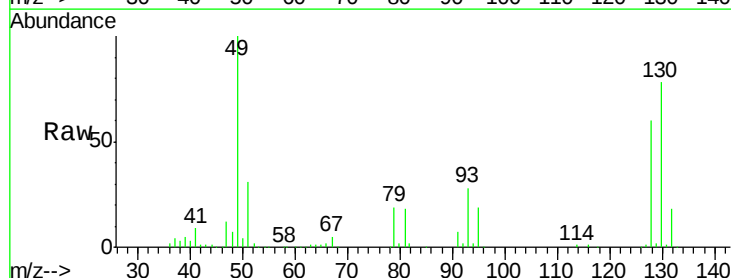
RT: 5.03 min Scan# 728

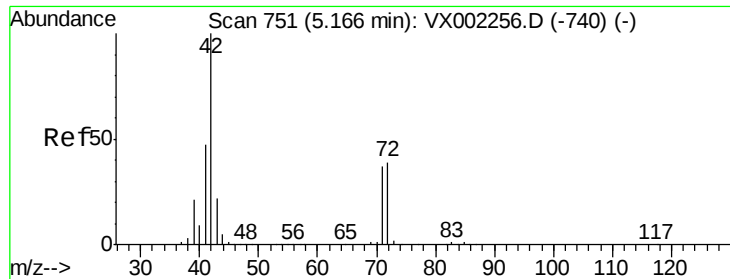
Delta R.T. 0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Tgt Ion:	49	Resp:	136389
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	77.8	61.2	91.8





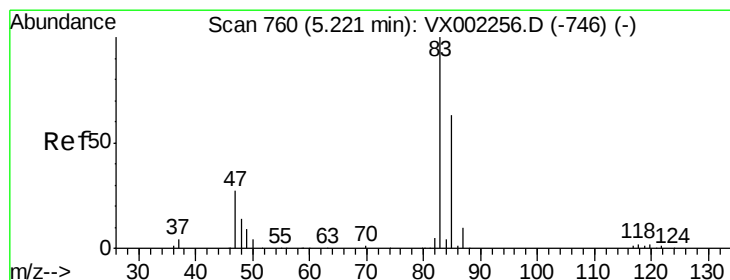
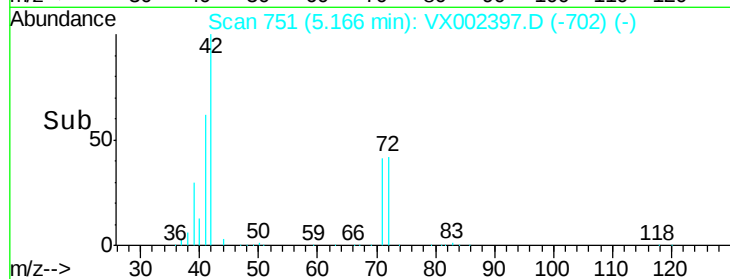
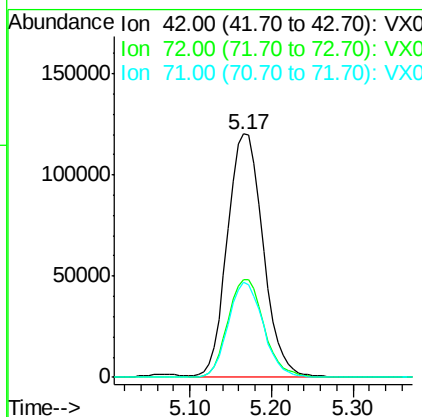
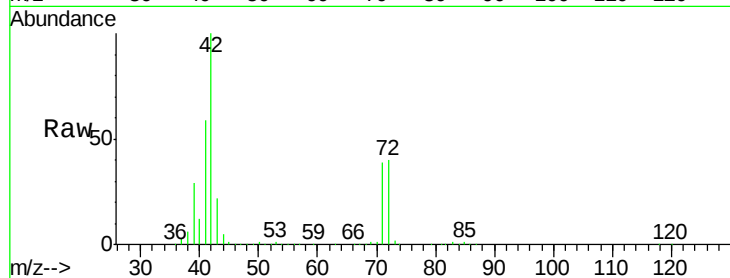
#29
Tetrahydrofuran
Concen: 224.43 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.0	48.0
71	38.4	30.1	45.1

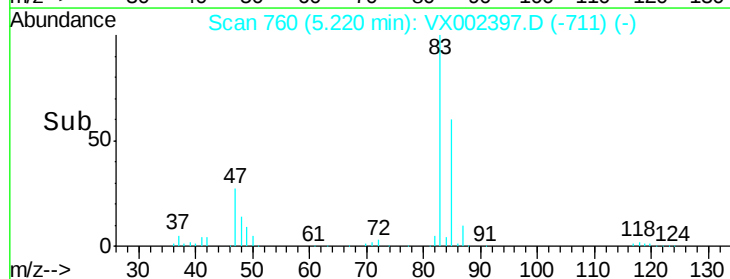
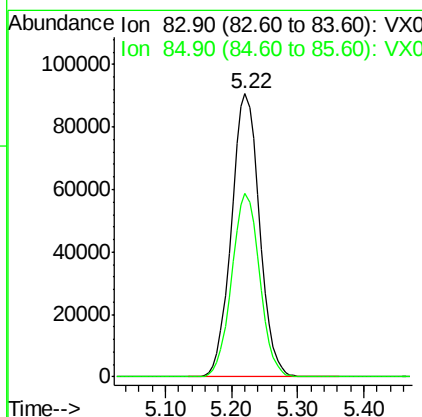
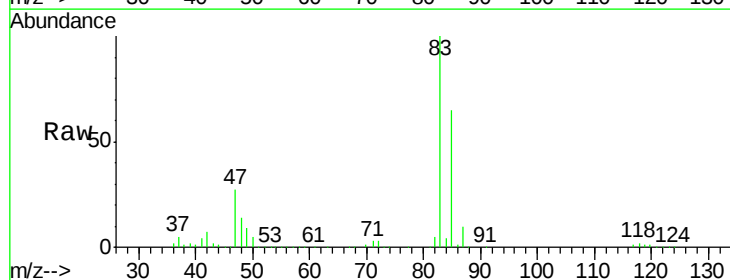
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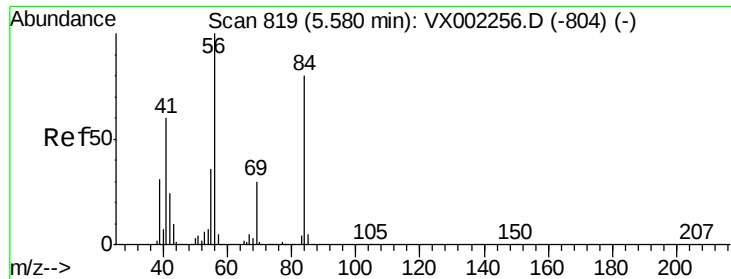
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#30
Chloroform
Concen: 47.27 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.4	75.6





#31

Cyclohexane

Concen: 49.42 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Instrument :

MSVOA_X

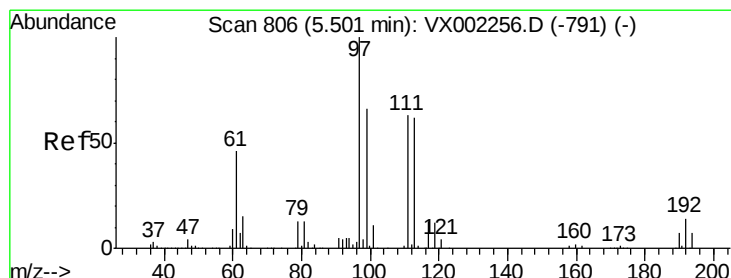
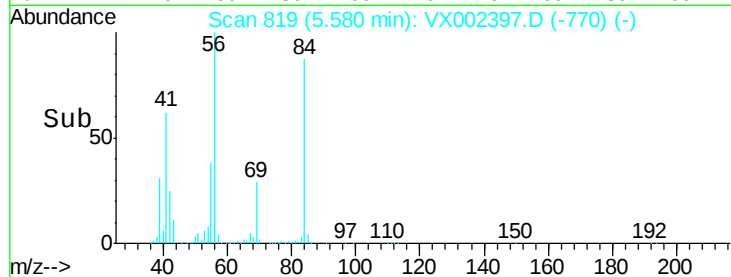
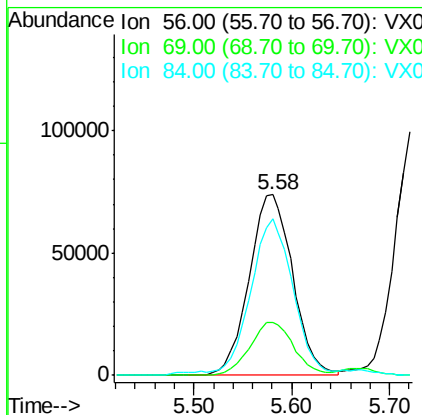
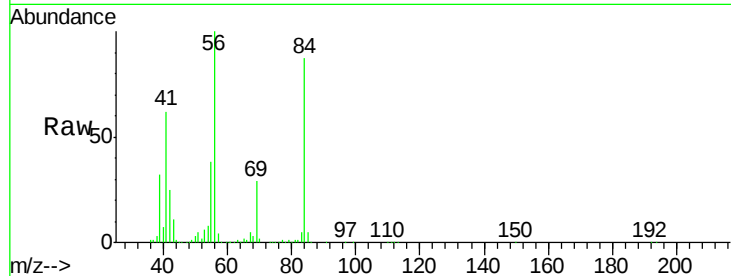
ClientSampleId :

VSTDCCC050

Tgt Ion:	56	Resp:	228560
Ion Ratio	Lower	Upper	
56	100		
69	29.3	23.7	35.5
84	85.3	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 49.07 ug/l

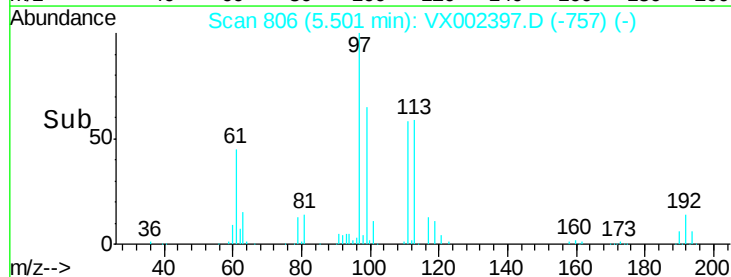
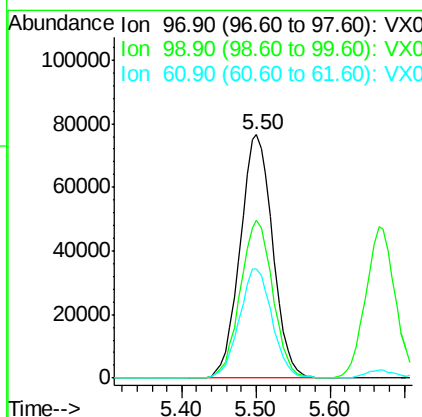
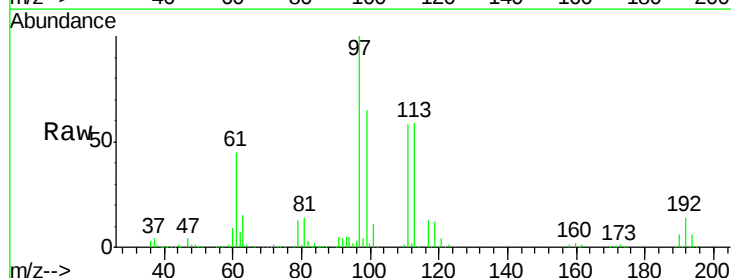
RT: 5.50 min Scan# 806

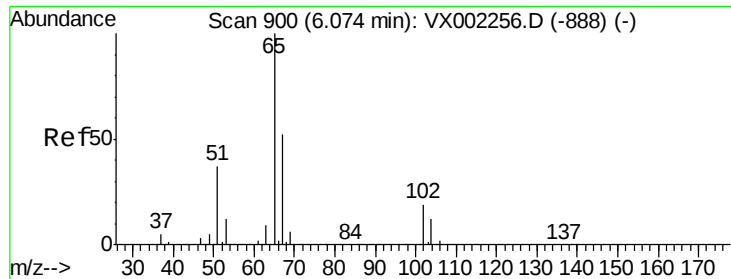
Delta R.T. -0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Tgt Ion:	97	Resp:	234855
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.6	77.4
61	45.3	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 46.61 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 171581

Ion Ratio Lower Upper

65 100

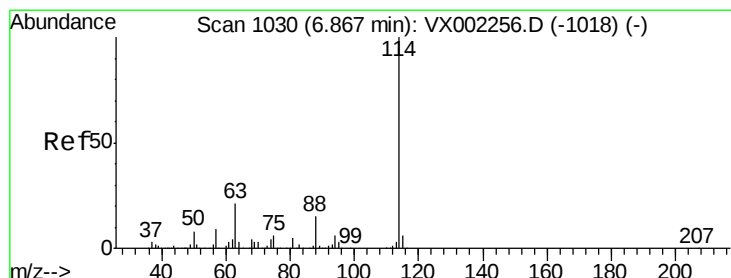
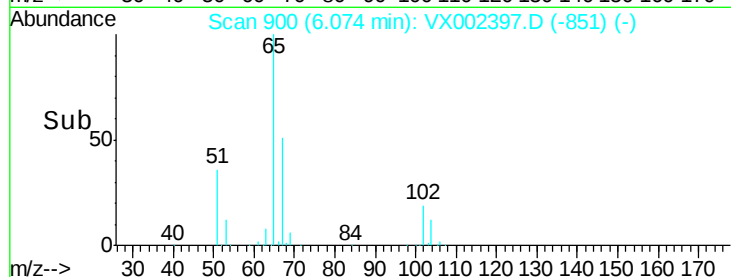
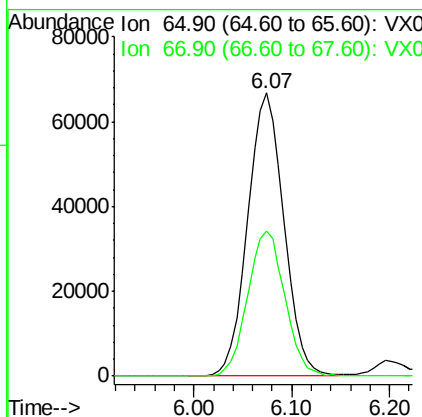
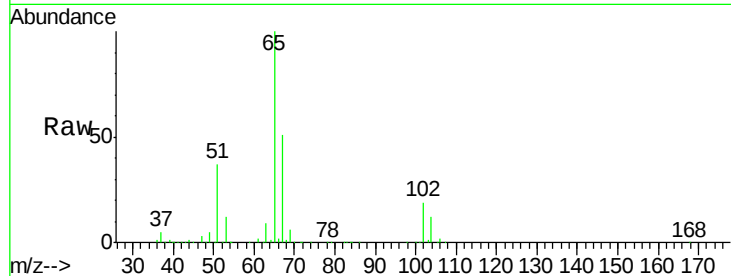
67 52.5 0.0 102.6

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

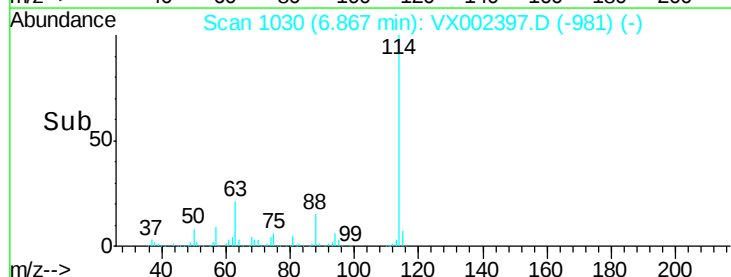
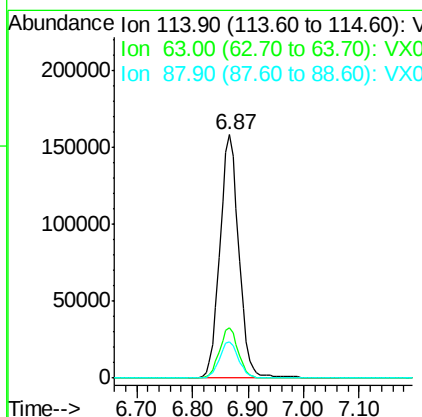
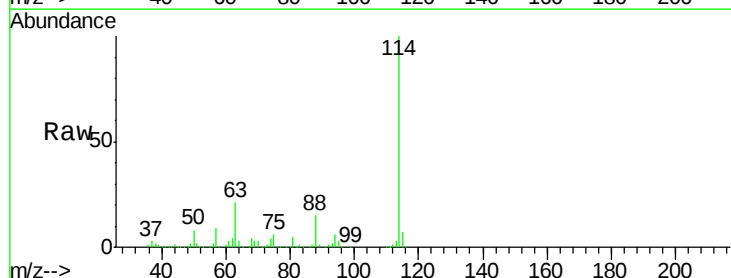
Tgt Ion: 114 Resp: 372674

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

88 15.1 0.0 30.0





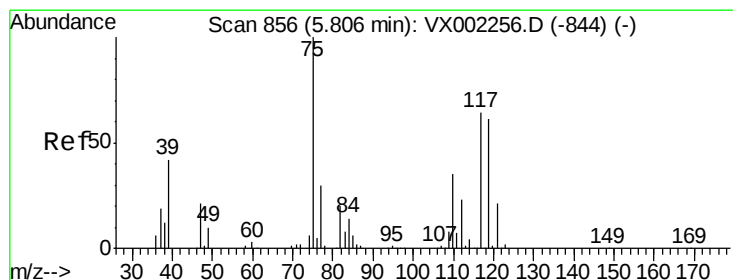
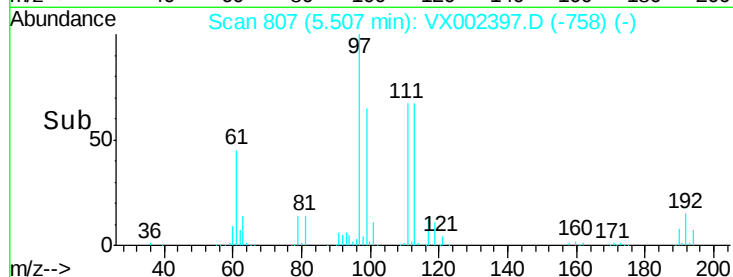
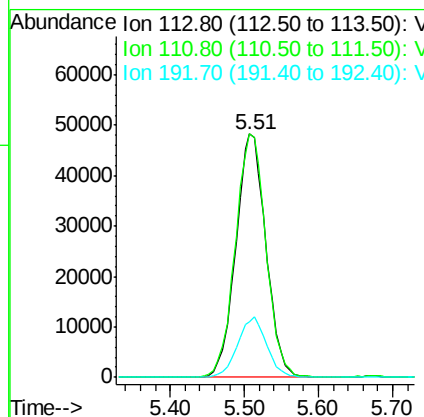
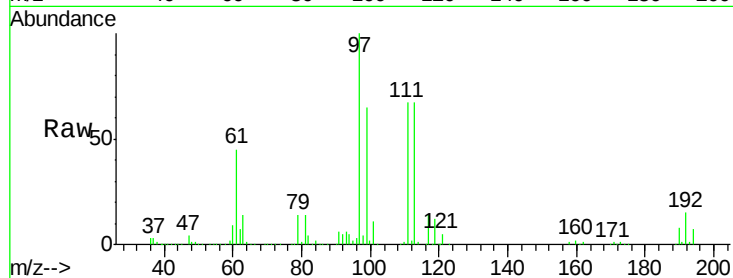
#35
Dibromofluoromethane
Concen: 46.65 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	136708		
111	101.5	81.4	122.0	
192	23.7	19.1	28.7	

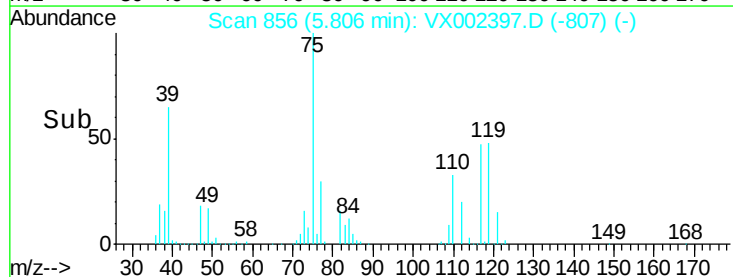
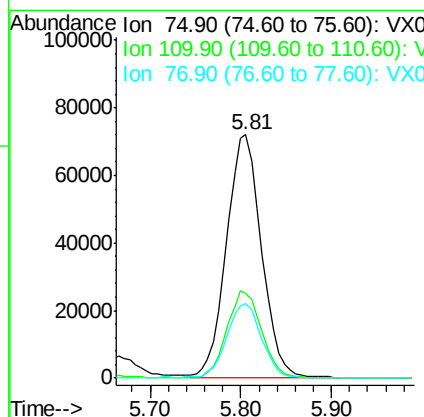
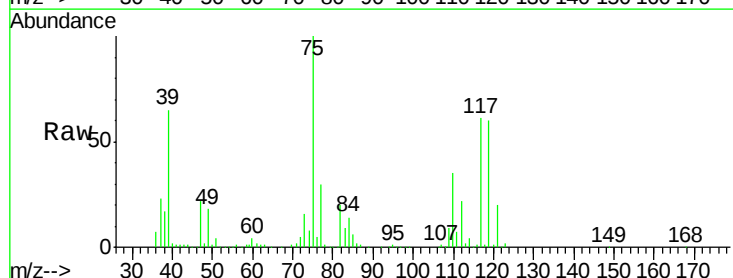
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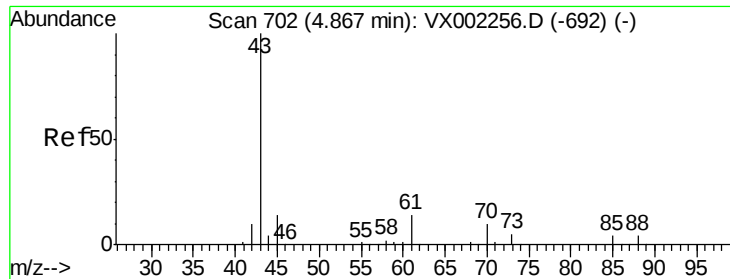
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#36
1,1-Dichloropropene
Concen: 49.04 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	192120		
110	36.0	18.1	54.4	
77	30.8	24.3	36.5	





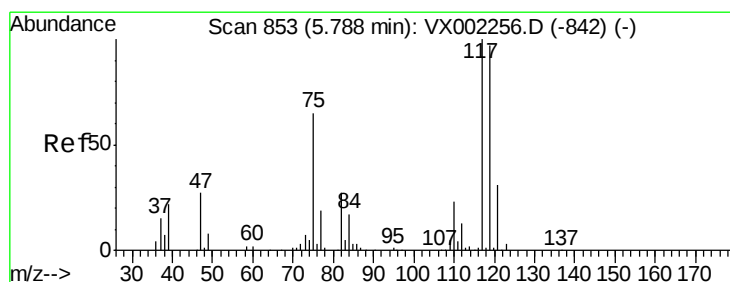
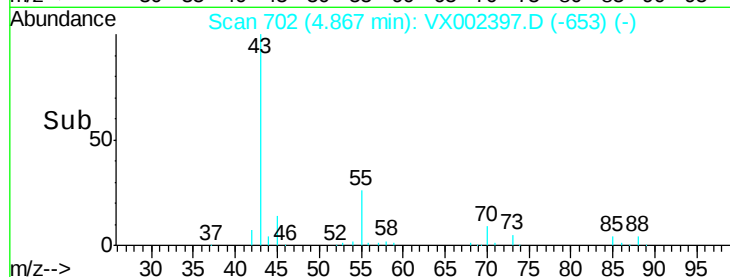
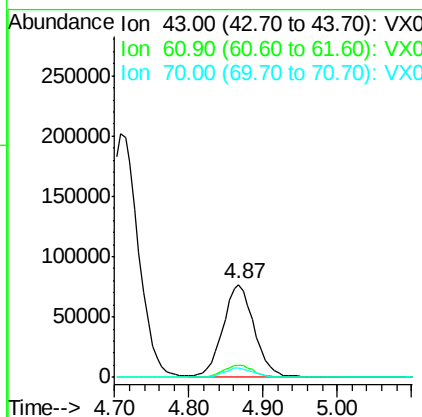
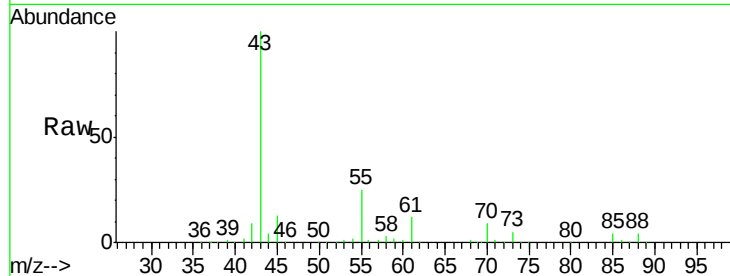
#37
Ethyl Acetate
Concen: 47.29 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.4	15.6
70	9.5	7.6	11.4

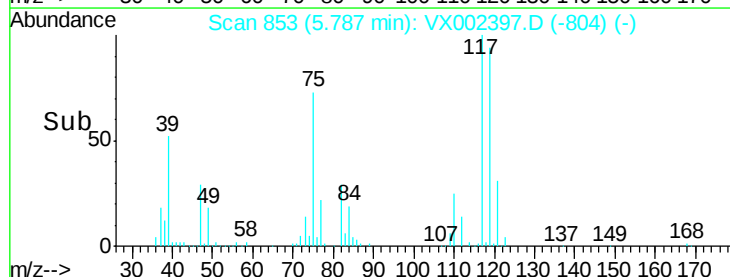
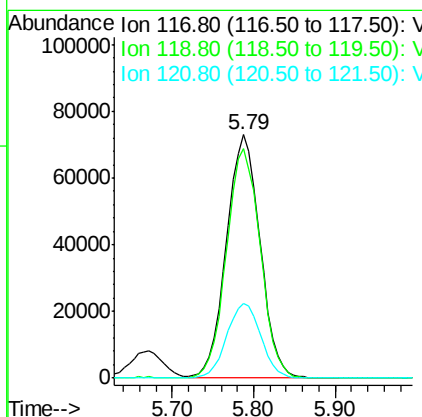
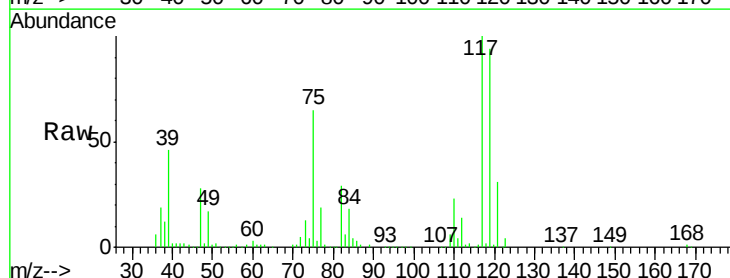
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#38
Carbon Tetrachloride
Concen: 50.72 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.4	116.0
121	30.7	24.4	36.6





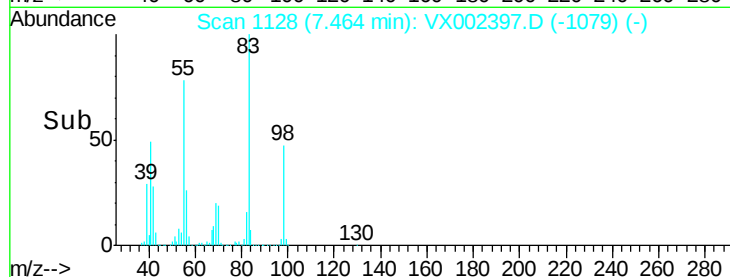
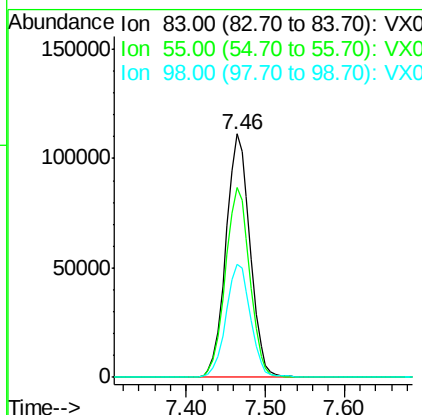
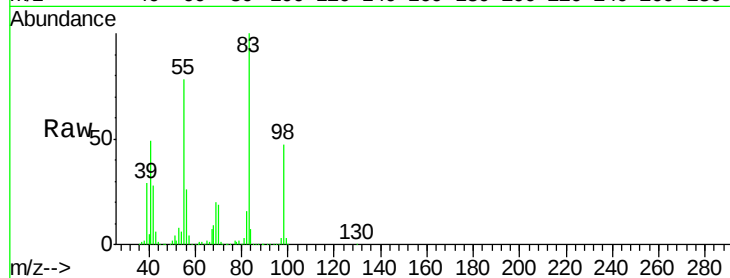
#39
Methylcyclohexane
Concen: 48.99 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.8	65.4	98.0
98	46.7	37.4	56.0

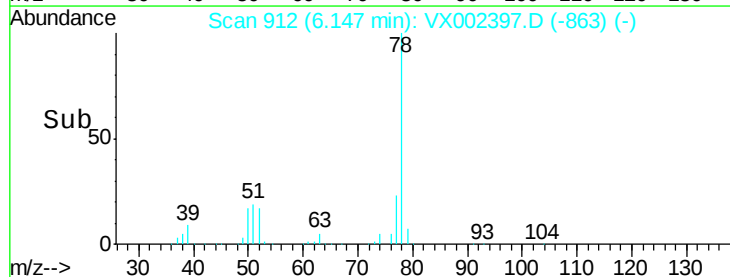
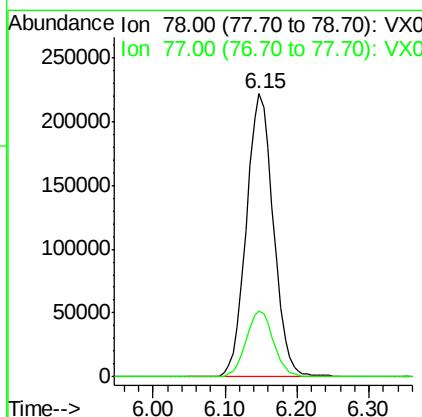
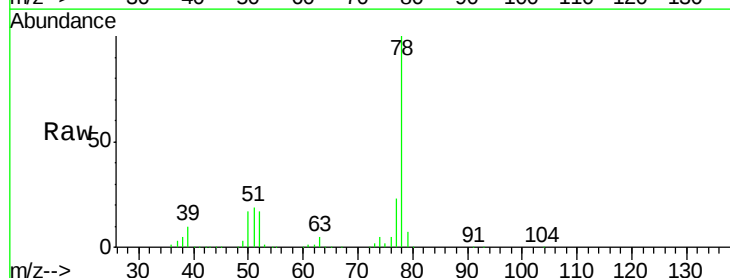
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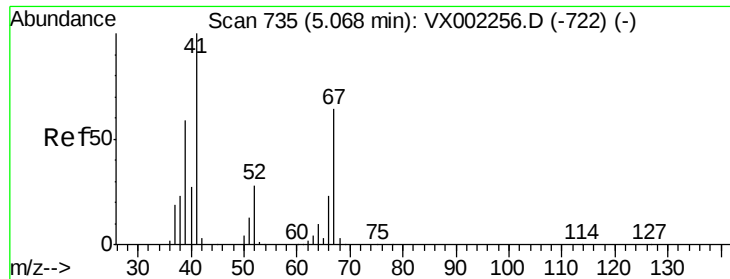
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#40
Benzene
Concen: 48.18 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.1	28.7





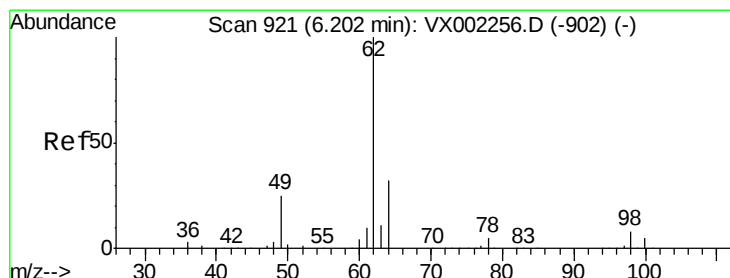
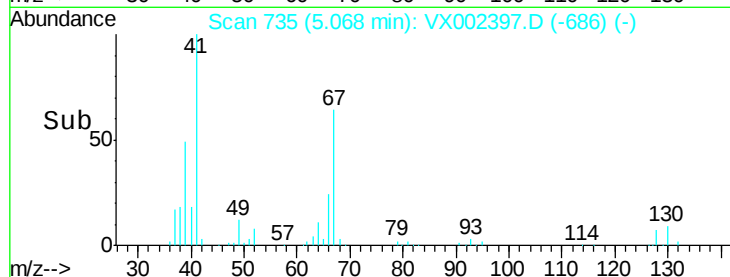
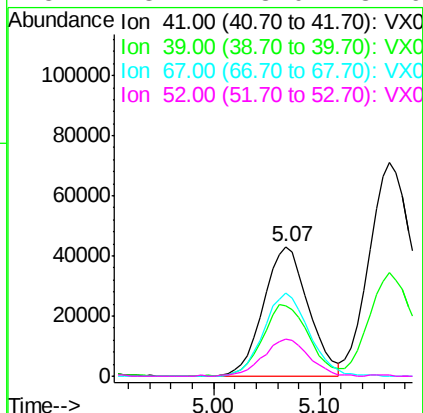
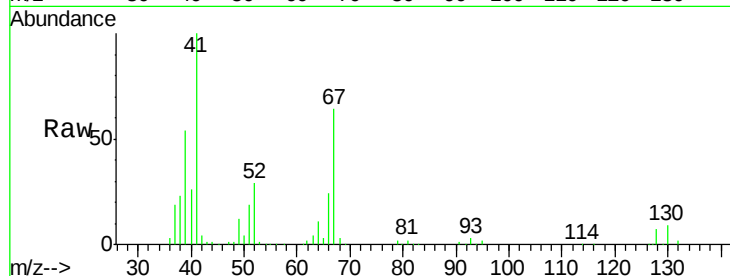
#41
Methacrylonitrile
Concen: 46.64 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.7	45.8	68.6	
67	65.0	51.3	76.9	
52	28.4	23.0	34.6	

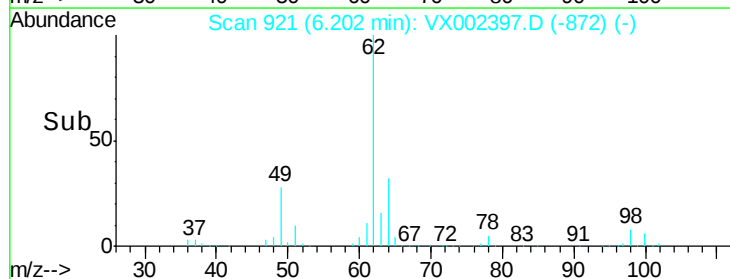
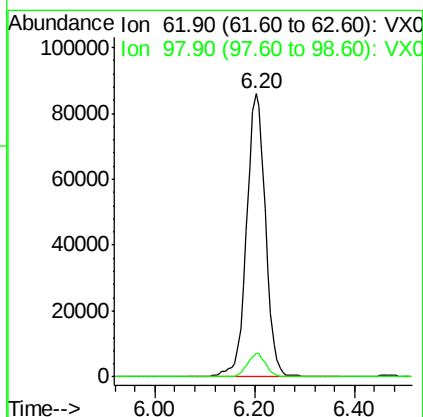
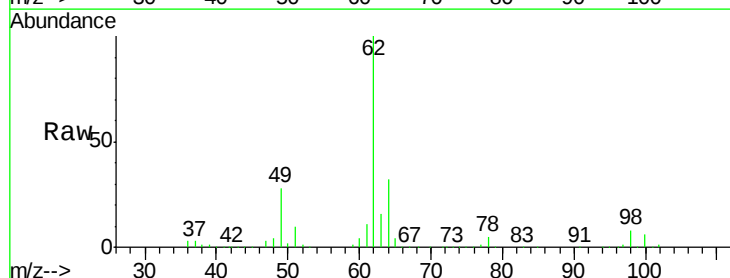
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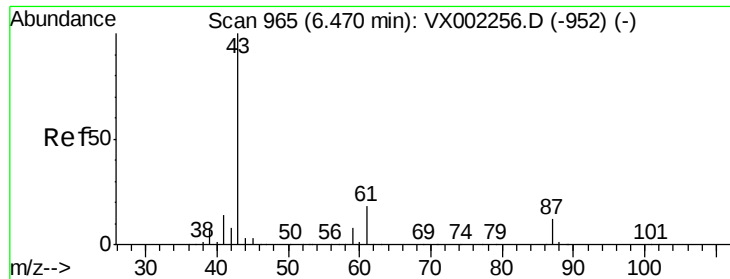
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#42
1,2-Dichloroethane
Concen: 47.33 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.0	0.0	16.6	





#43

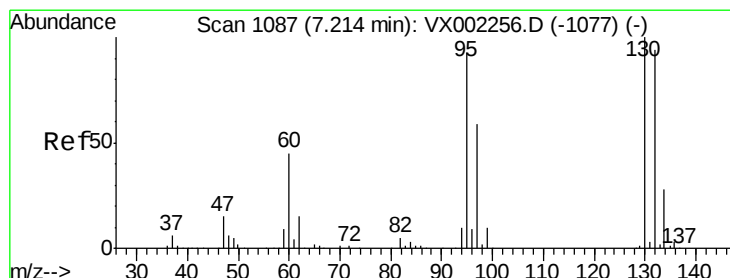
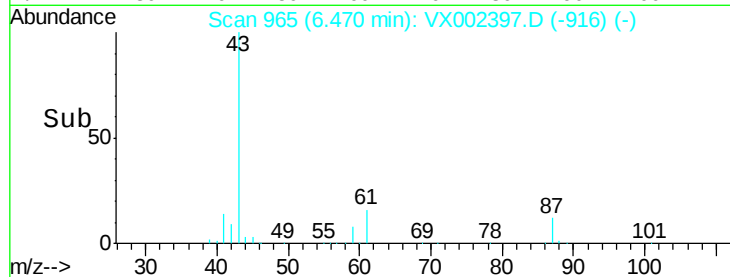
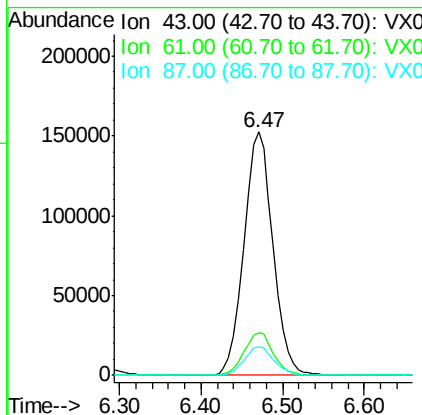
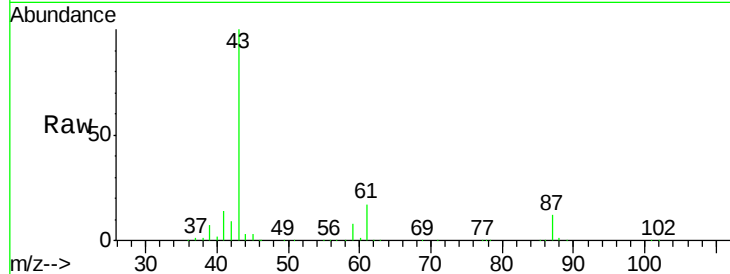
Isopropyl Acetate
 Concen: 46.87 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002397.D
 Acq: 08 Jun 2018 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.4	21.6
87	12.1	9.5	14.3

Manual Integrations
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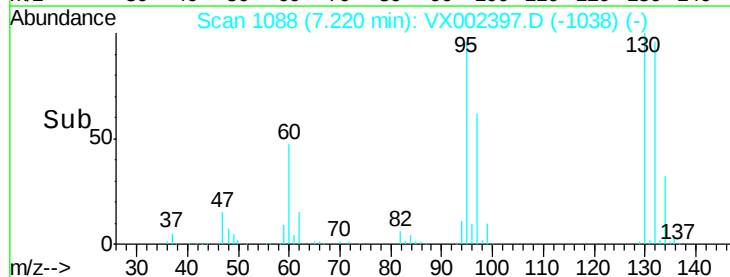
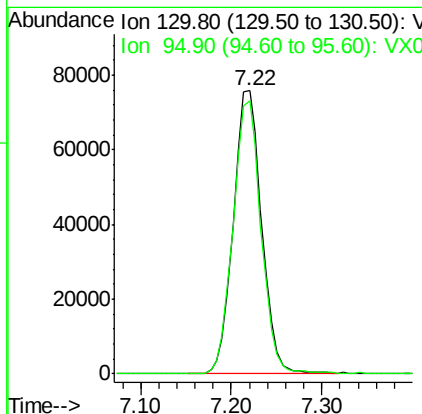
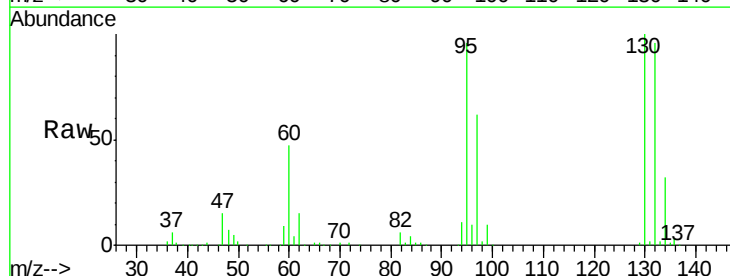
MMDadoda
 6/11/2018 9:30:23 AM

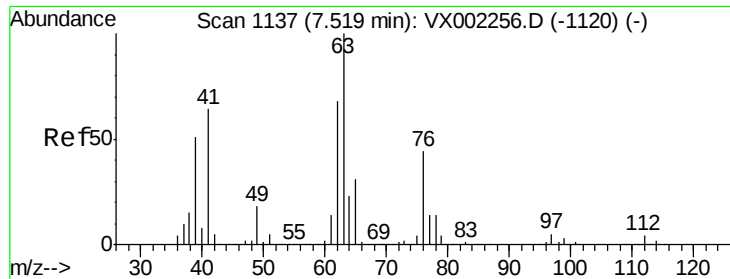


#44

Trichloroethene
 Concen: 49.35 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002397.D
 Acq: 08 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	185.4





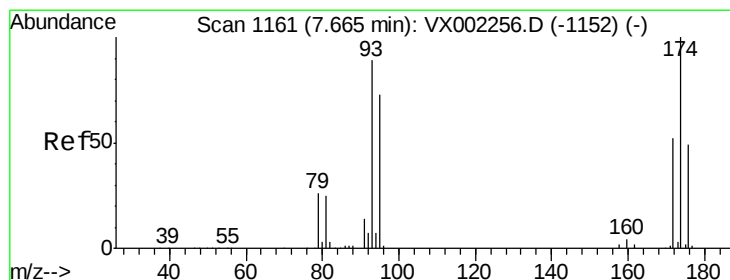
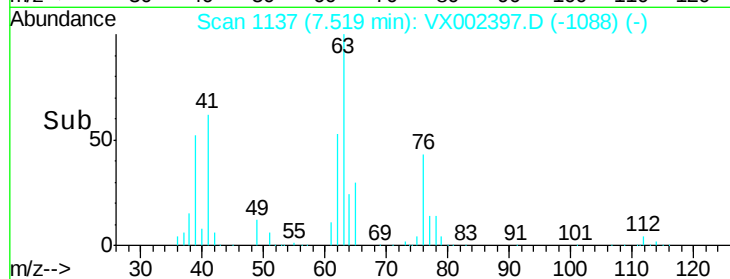
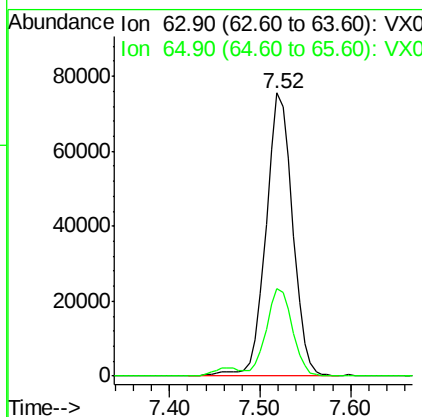
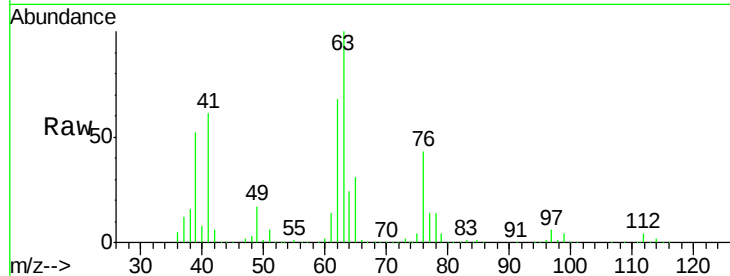
#45
 1,2-Dichloropropane
 Concen: 47.55 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002397.D
 Acq: 08 Jun 2018 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 154199
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1

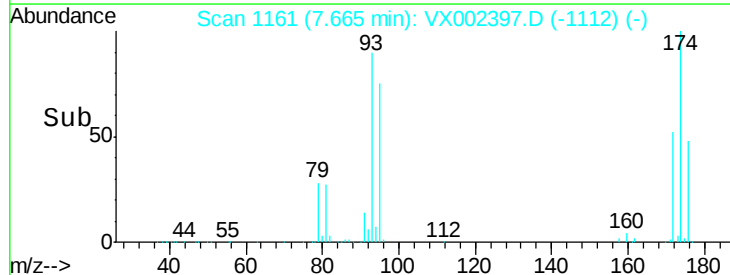
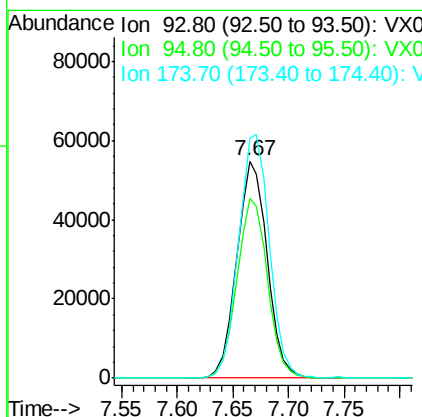
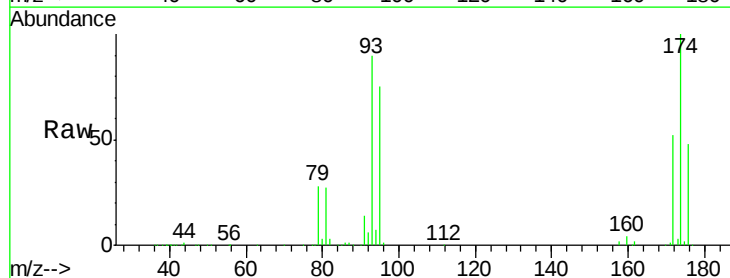
Manual Integrations
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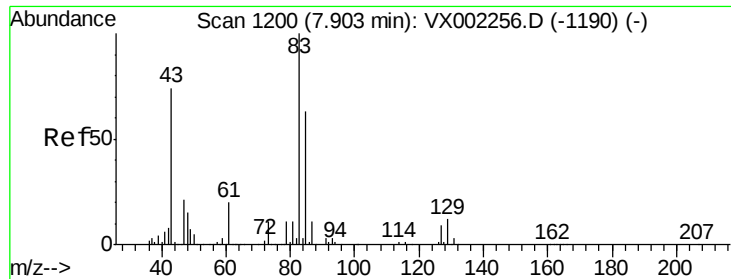
MMDadoda
 6/11/2018 9:30:23 AM



#46
 Dibromomethane
 Concen: 47.24 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002397.D
 Acq: 08 Jun 2018 12:54

Tgt Ion: 93 Resp: 103861
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.9 98.9
 174 114.5 92.4 138.6





#47

Bromodichloromethane

Concen: 49.33 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Instrument :

MSVOA_X

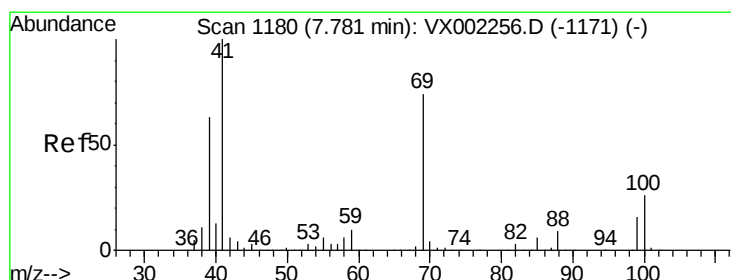
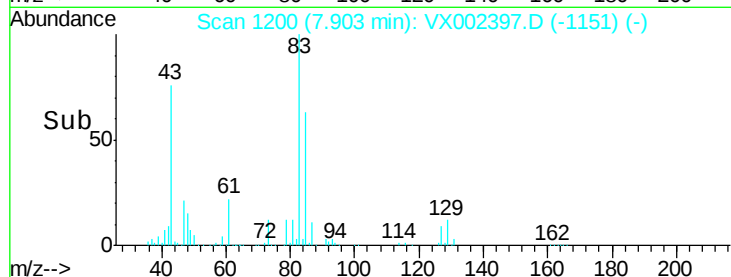
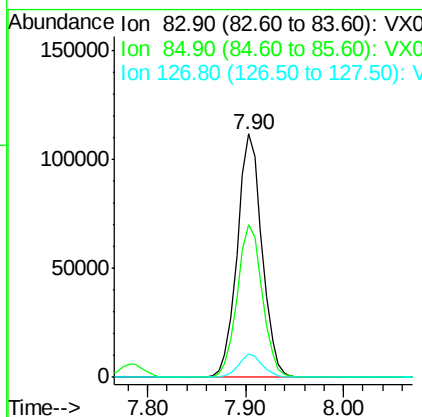
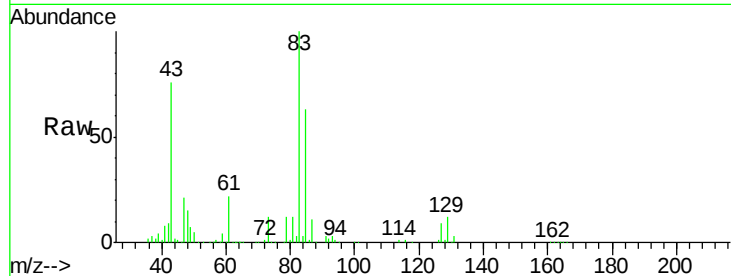
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	196155
Ion	Ratio	Lower	Upper
83	100		
85	62.8	50.3	75.5
127	9.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 47.46 ug/l

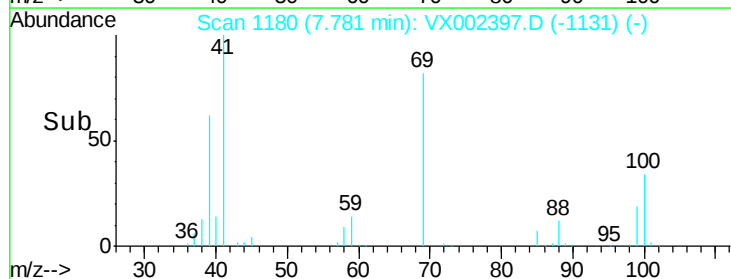
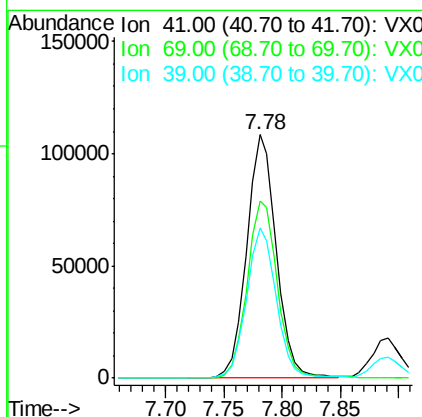
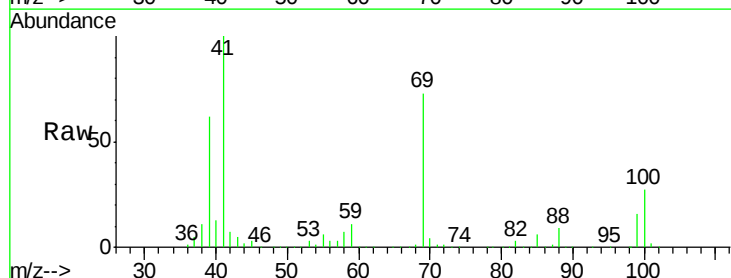
RT: 7.78 min Scan# 1180

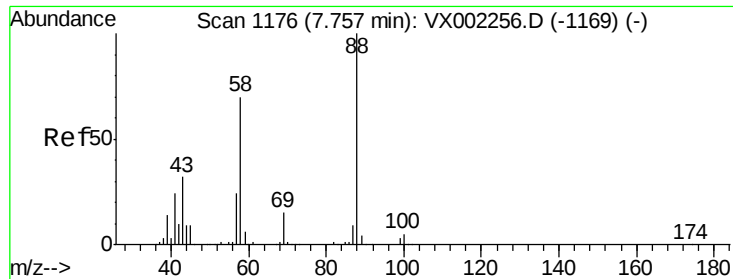
Delta R.T. -0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Tgt Ion:	41	Resp:	190777
Ion	Ratio	Lower	Upper
41	100		
69	75.2	59.1	88.7
39	62.0	48.9	73.3





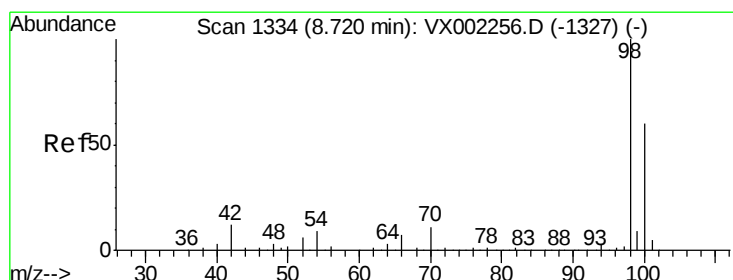
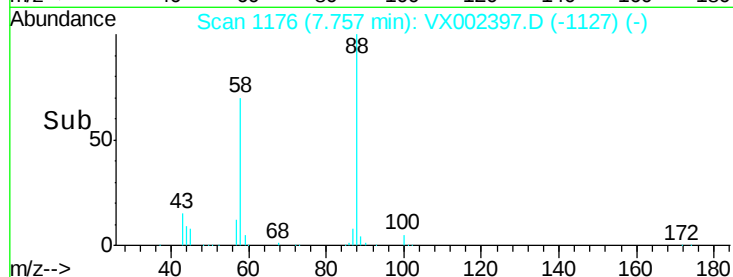
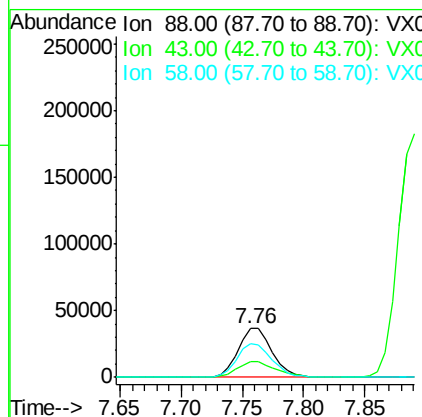
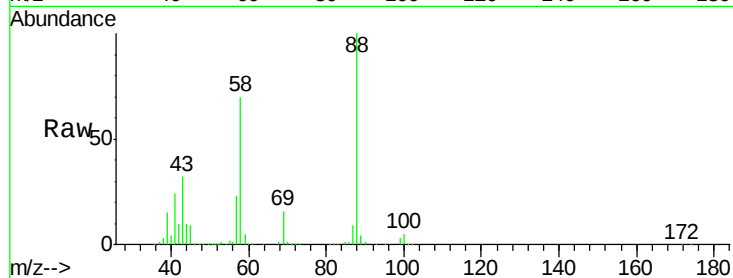
#49
1,4-Dioxane
Concen: 935.03 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.9	29.8	44.6
58	71.6	57.1	85.7

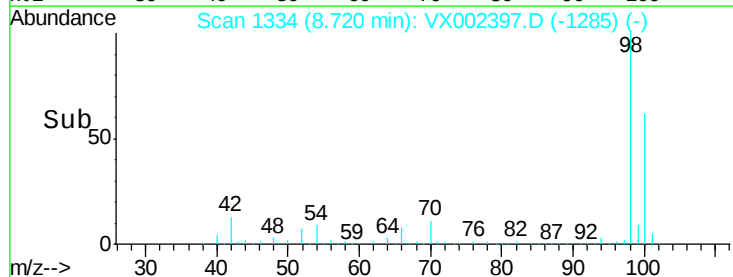
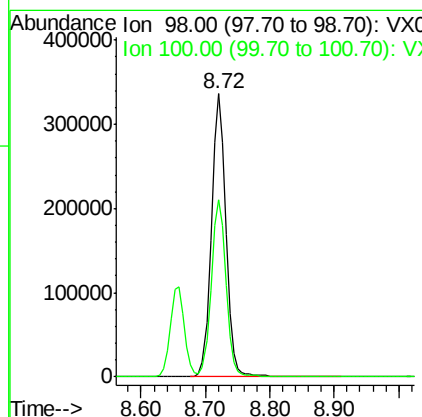
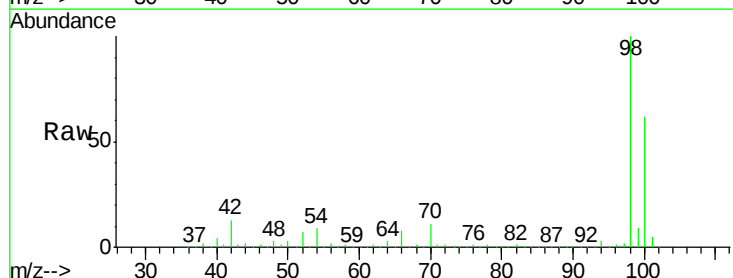
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#50
Toluene-d8
Concen: 47.14 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 244.46 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1218306

Ion Ratio Lower Upper

43 100

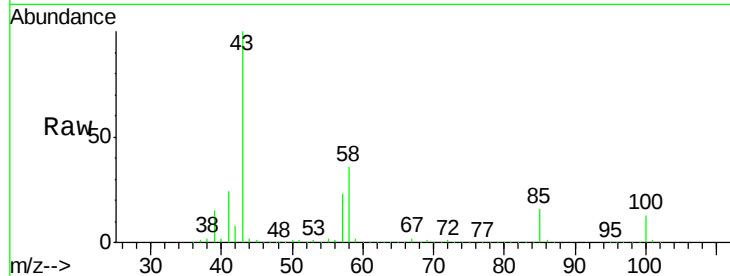
58 35.9 28.6 42.8

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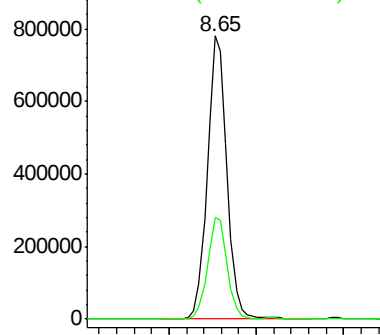
MMDadoda

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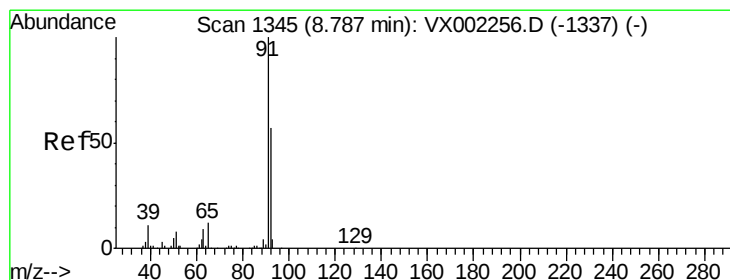
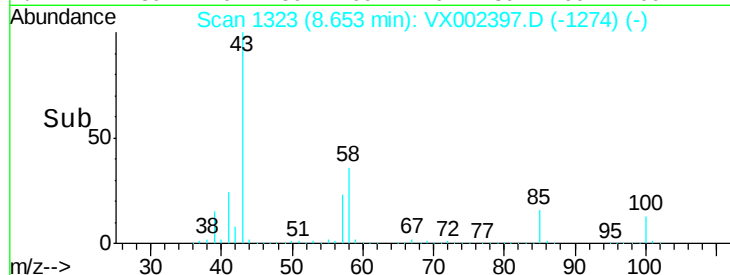


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 49.84 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002397.D

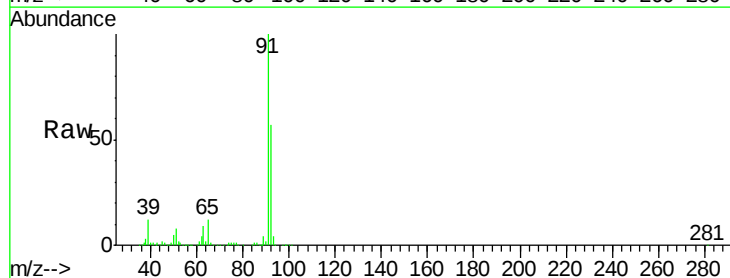
Acq: 08 Jun 2018 12:54

Tgt Ion: 92 Resp: 380768

Ion Ratio Lower Upper

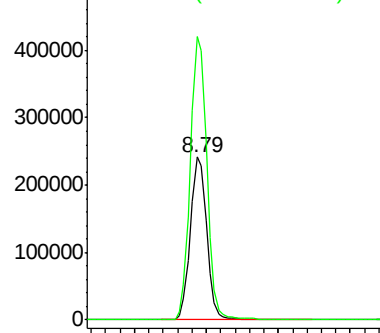
92 100

91 175.8 140.4 210.6

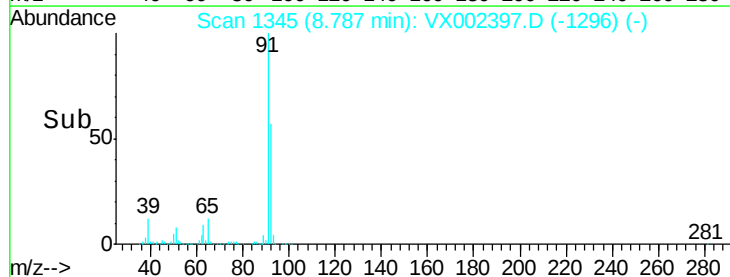


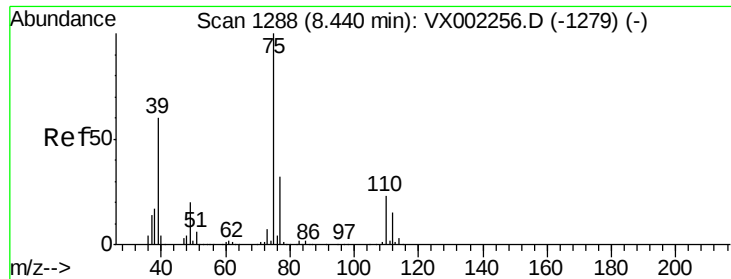
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#53

t-1,3-Dichloropropene

Concen: 49.22 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 234687

Ion Ratio Lower Upper

75 100

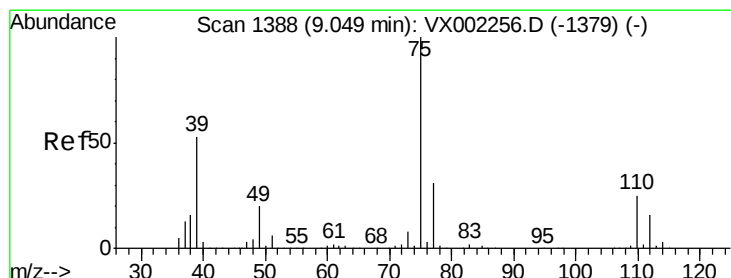
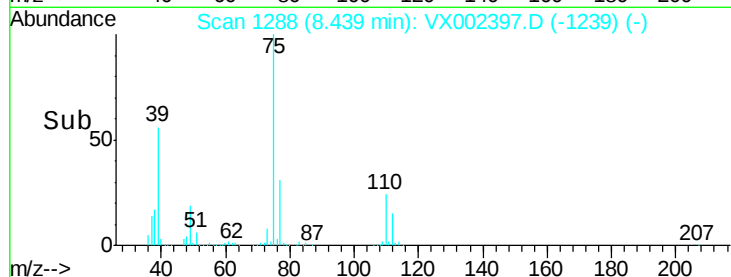
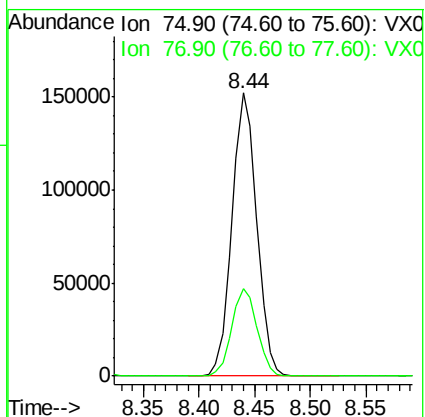
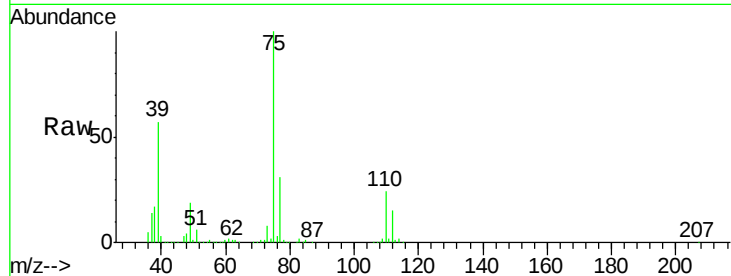
77 30.8 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 49.23 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

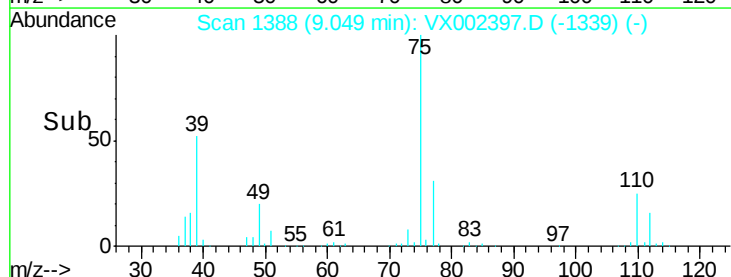
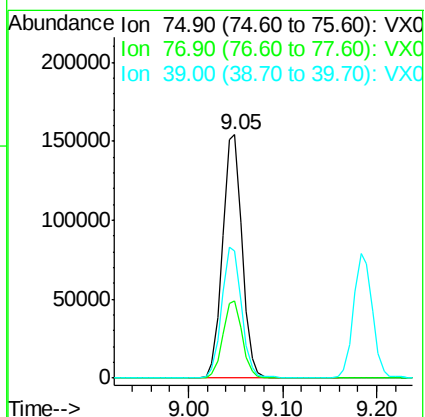
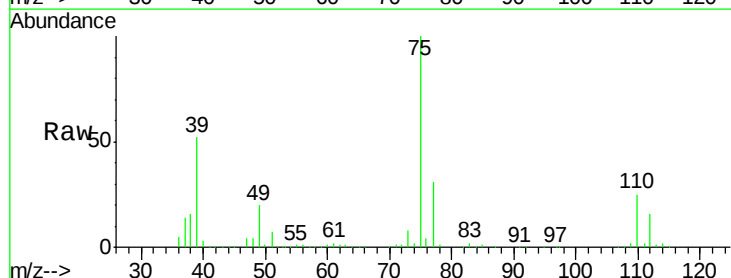
Tgt Ion: 75 Resp: 221454

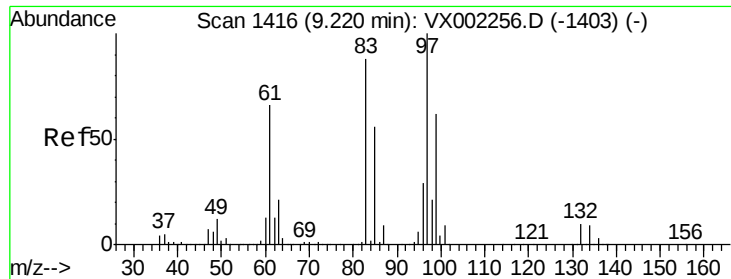
Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

39 51.9 42.4 63.6





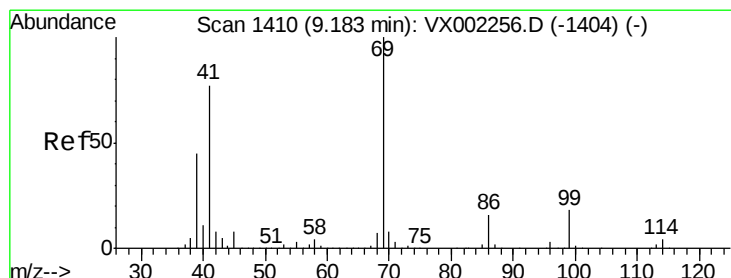
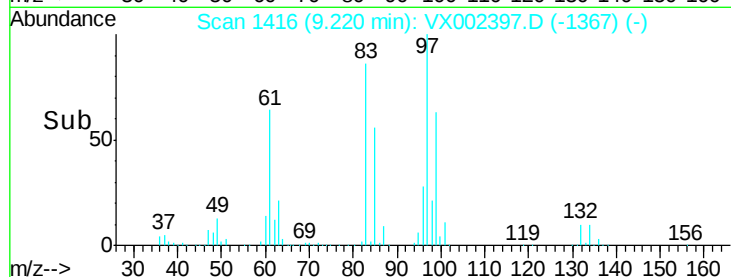
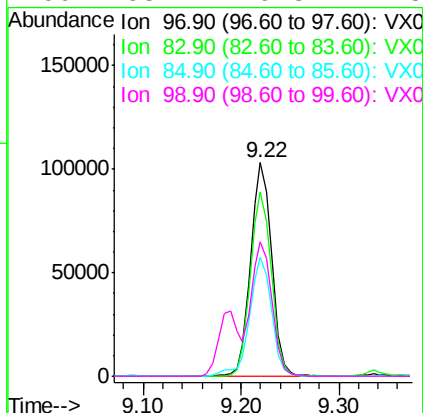
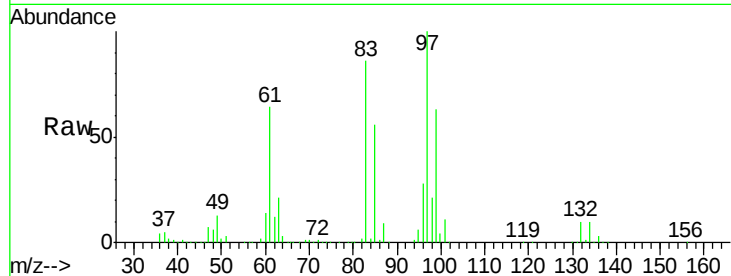
#55
 1,1,2-Trichloroethane
 Concen: 49.19 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002397.D
 Acq: 08 Jun 2018 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	154579
Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.2	105.2
85	55.9	44.9	67.3
99	63.1	49.8	74.8

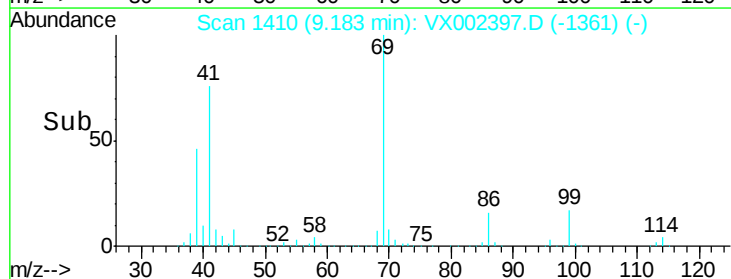
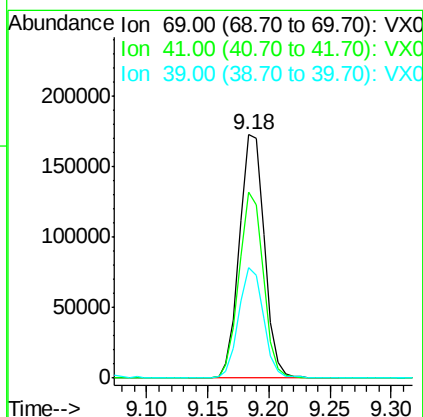
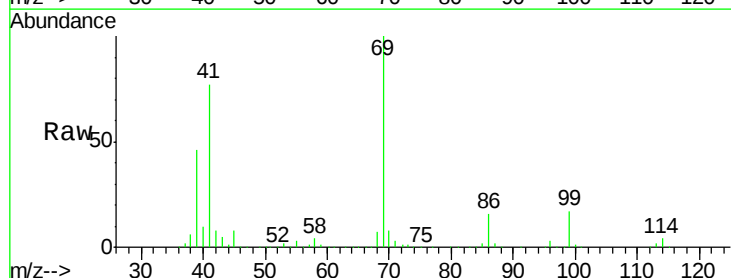
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#56
 Ethyl methacrylate
 Concen: 48.65 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002397.D
 Acq: 08 Jun 2018 12:54

Tgt Ion:	69	Resp:	244097
Ion	Ratio	Lower	Upper
69	100		
41	73.9	60.3	90.5
39	44.8	35.8	53.8





#57

1,3-Dichloropropane

Concen: 48.58 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 256107

Ion Ratio Lower Upper

76 100

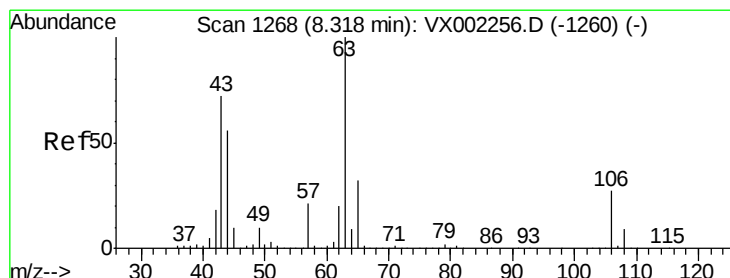
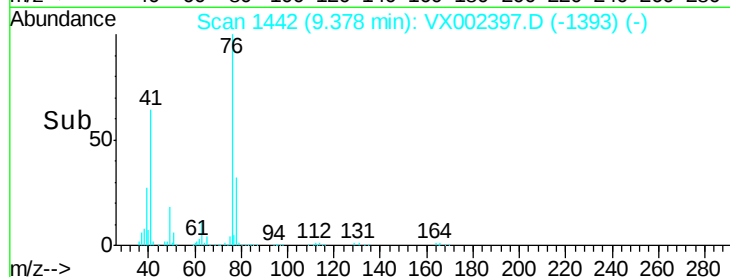
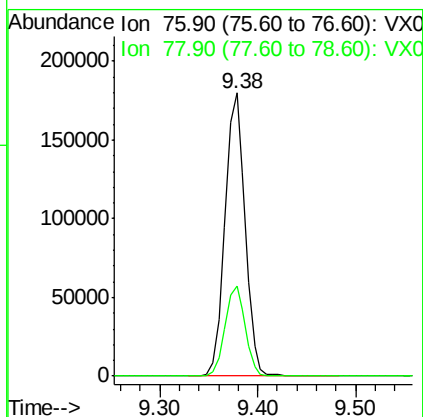
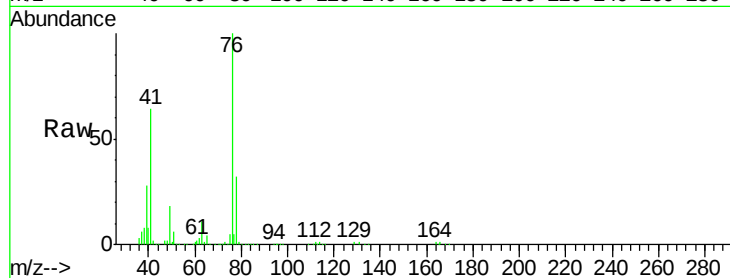
78 32.1 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 246.97 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002397.D

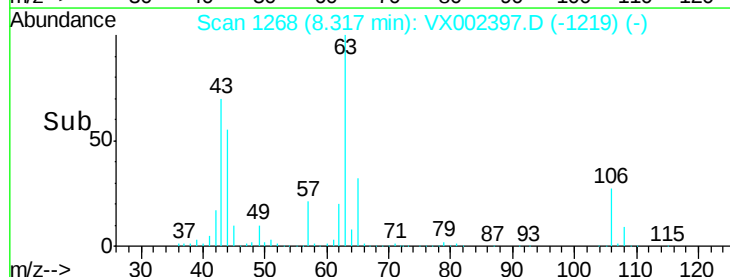
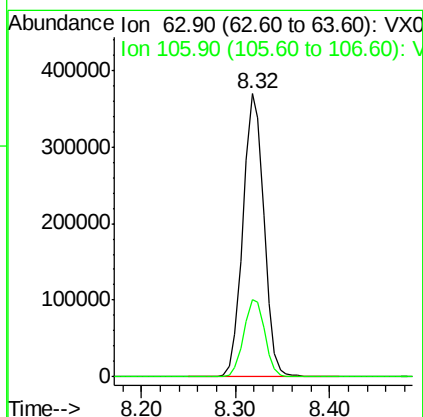
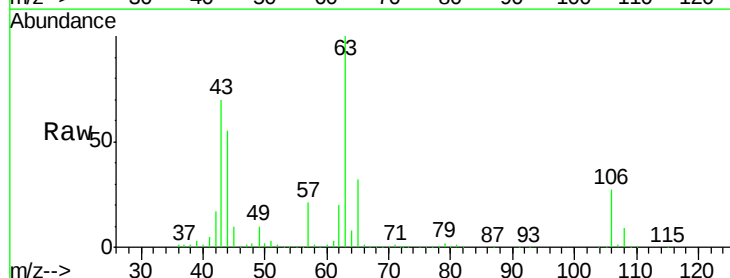
Acq: 08 Jun 2018 12:54

Tgt Ion: 63 Resp: 573475

Ion Ratio Lower Upper

63 100

106 27.8 21.8 32.8





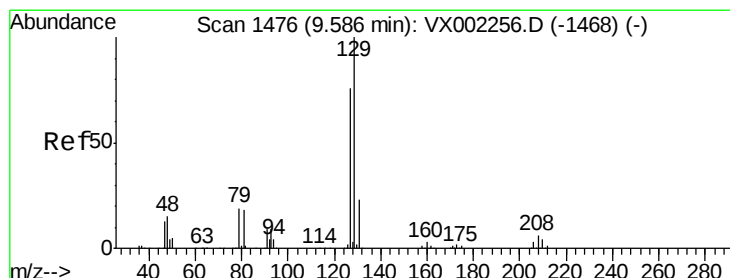
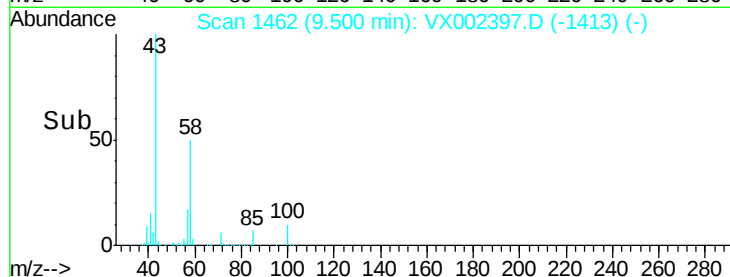
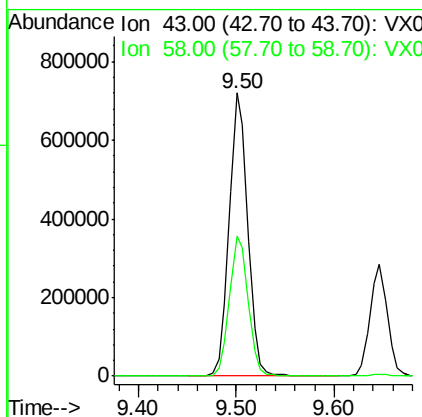
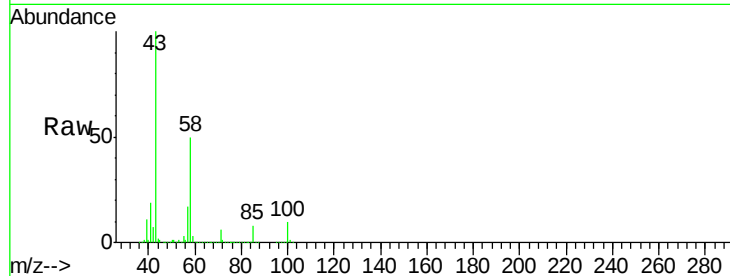
#59
2-Hexanone
Concen: 246.84 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 950182
Ion Ratio Lower Upper
43 100
58 50.1 24.6 73.6

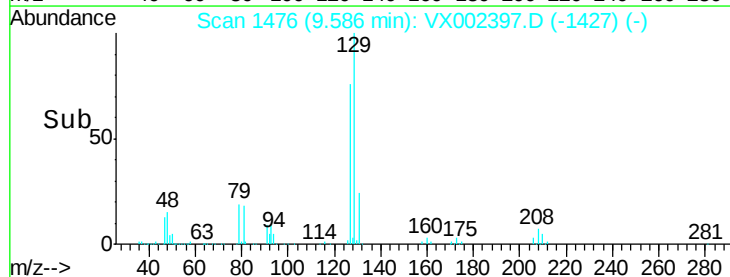
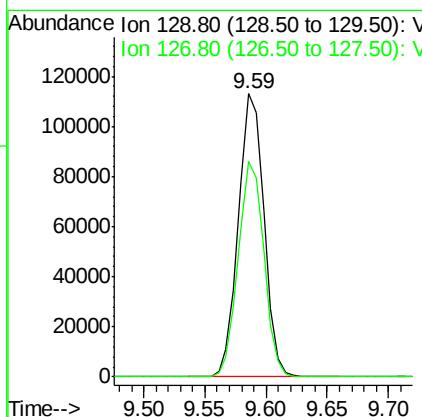
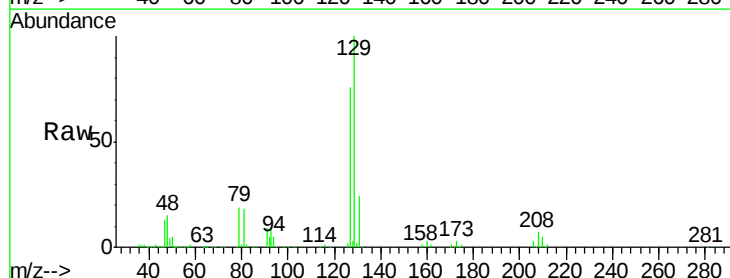
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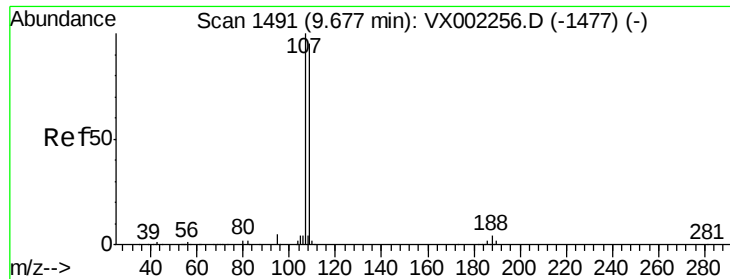
MMDadoda
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#60
Dibromochloromethane
Concen: 51.78 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Tgt Ion: 129 Resp: 163655
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.10 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 164144

Ion Ratio Lower Upper

107 100

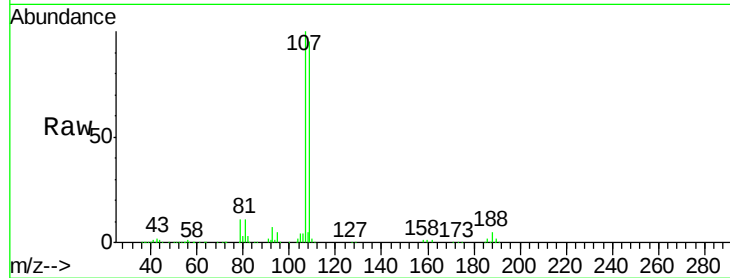
109 94.9 75.3 112.9

Manual Integrations

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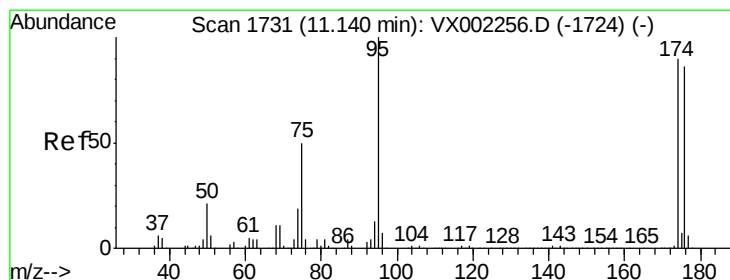
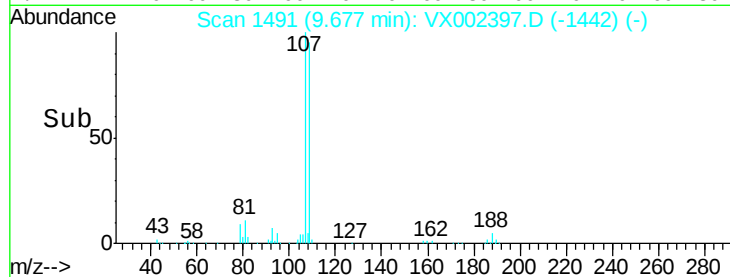
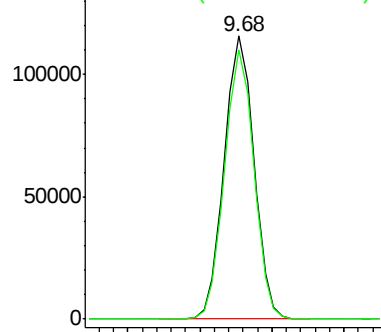
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.94 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

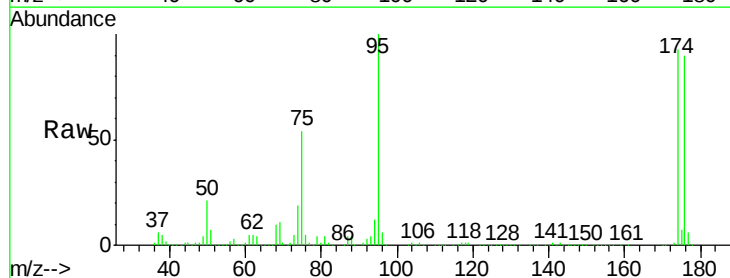
Tgt Ion: 95 Resp: 203330

Ion Ratio Lower Upper

95 100

174 96.5 0.0 187.4

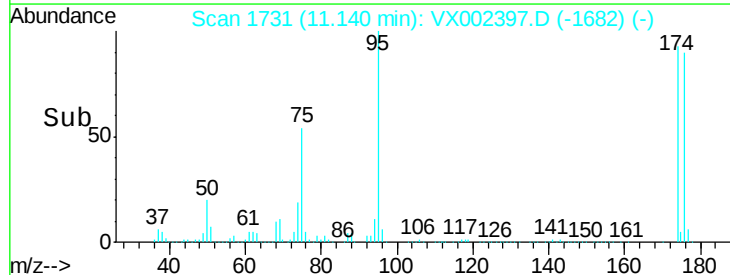
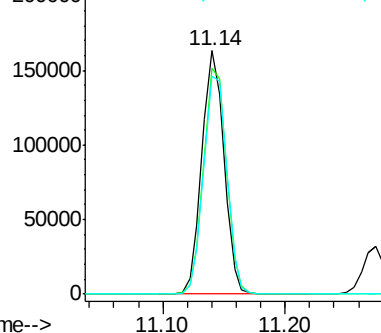
176 94.4 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





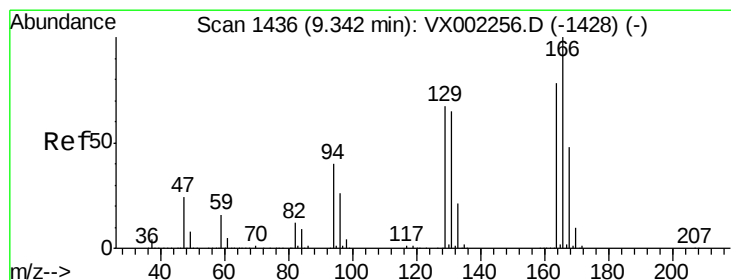
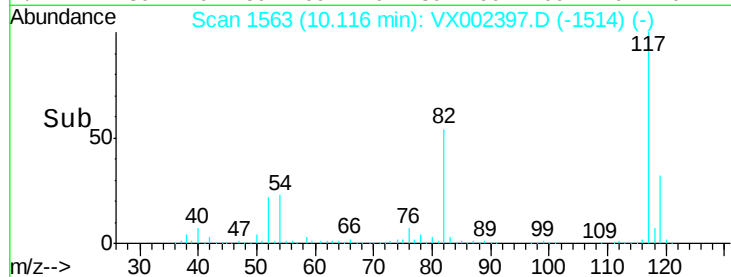
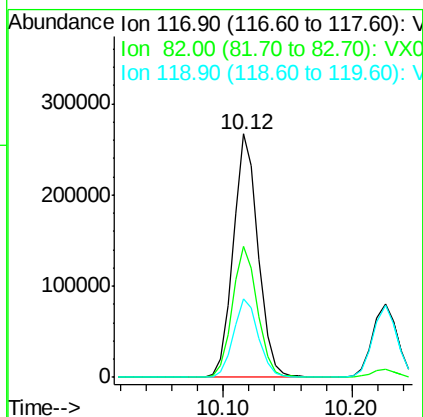
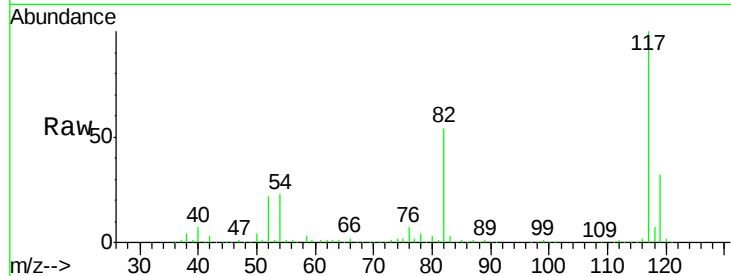
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	358961		
82	53.9	45.0	67.4	
119	32.4	25.8	38.6	

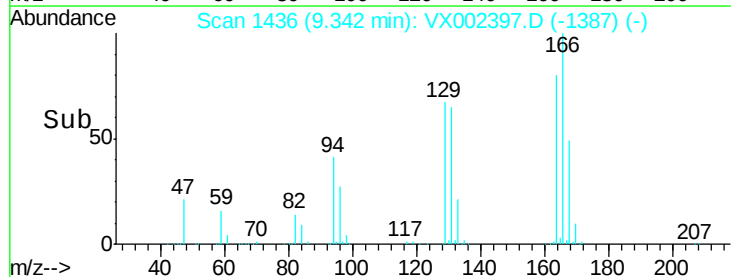
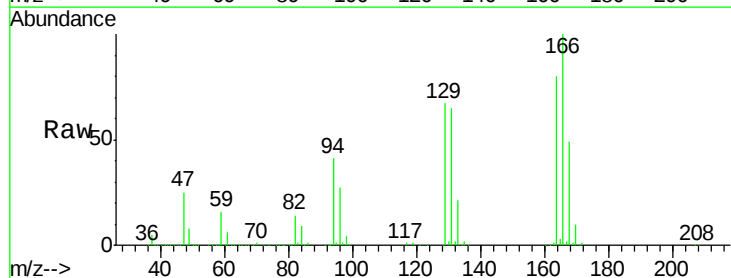
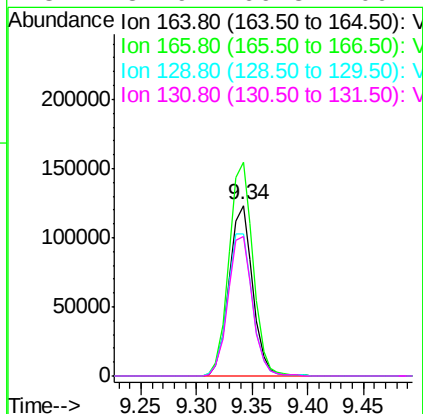
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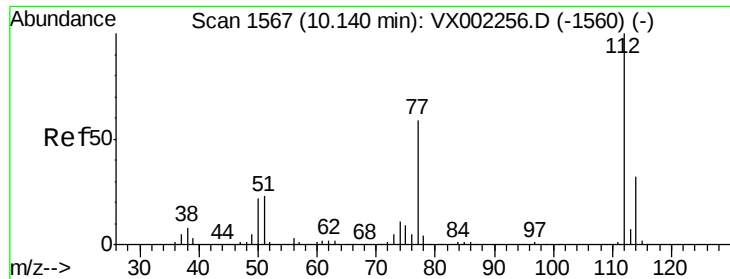
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#64
Tetrachloroethene
Concen: 48.87 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	180908		
166	125.2	102.9	154.3	
129	83.6	68.6	102.8	
131	81.9	66.8	100.2	





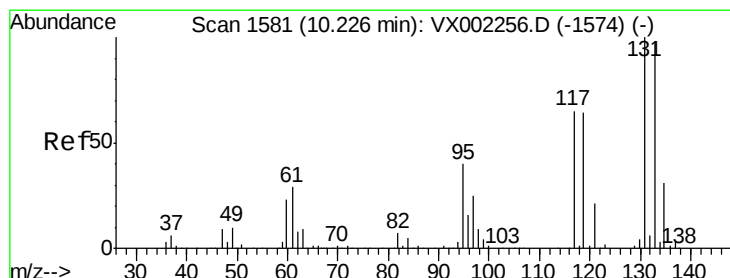
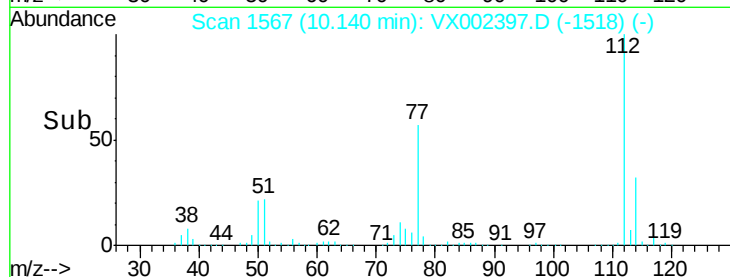
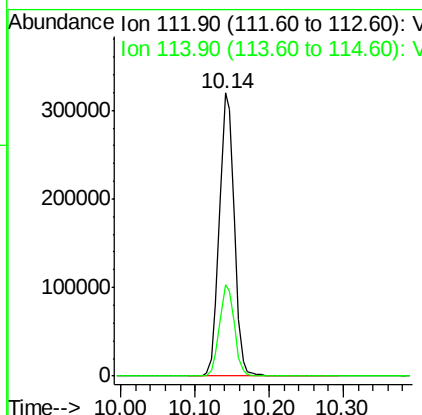
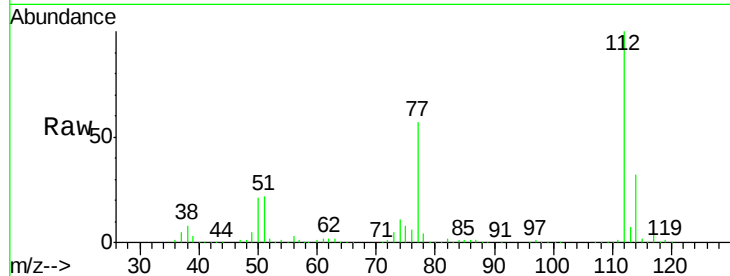
#65
Chlorobenzene
Concen: 49.22 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 439633
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9

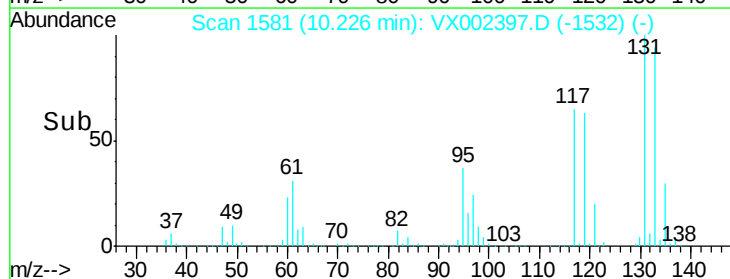
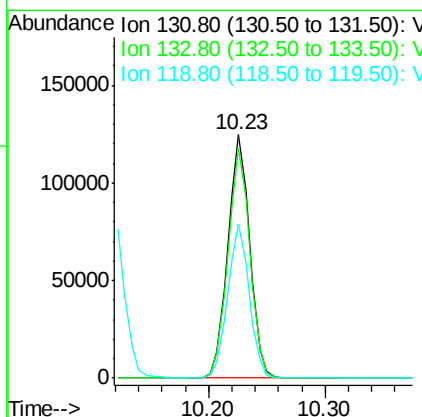
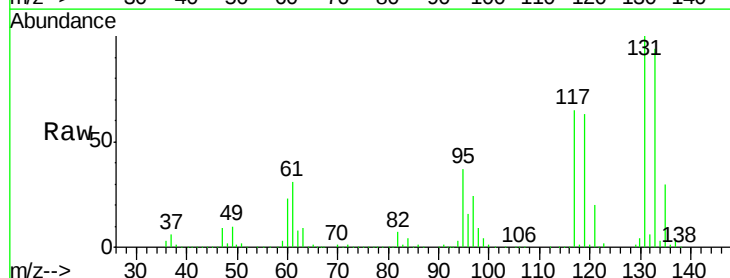
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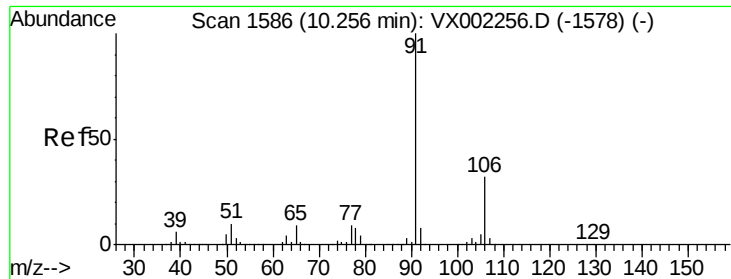
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.22 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Tgt Ion:131 Resp: 162418
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.6
119 62.6 31.8 95.3





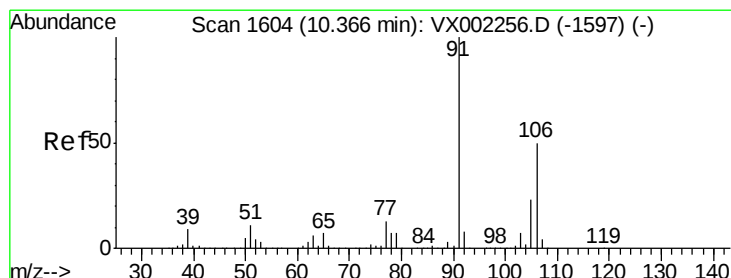
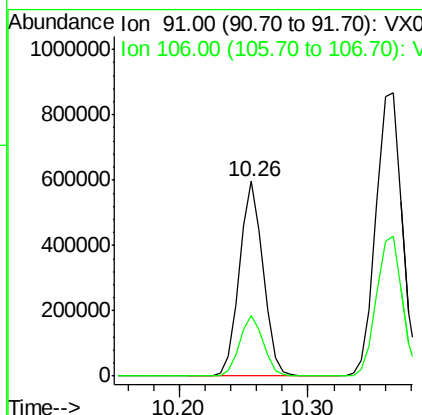
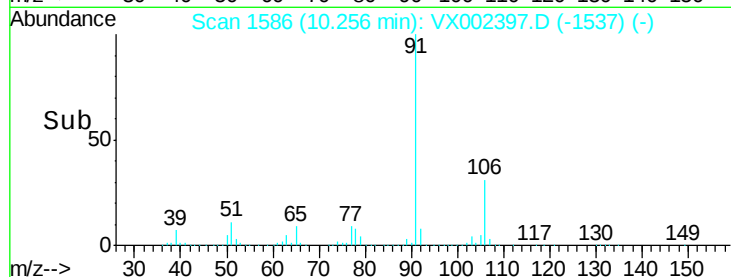
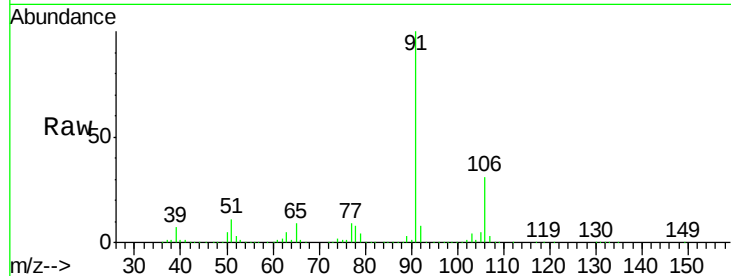
#67
Ethyl Benzene
Concen: 50.77 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 758859
Ion Ratio Lower Upper
91 100
106 30.8 25.5 38.3

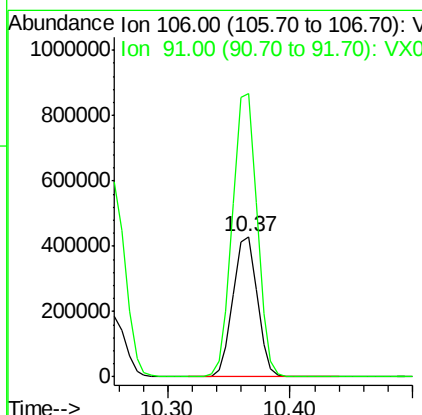
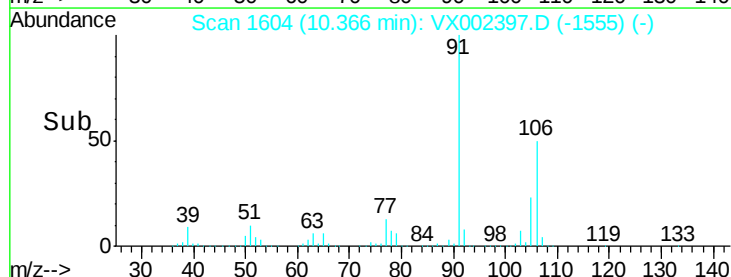
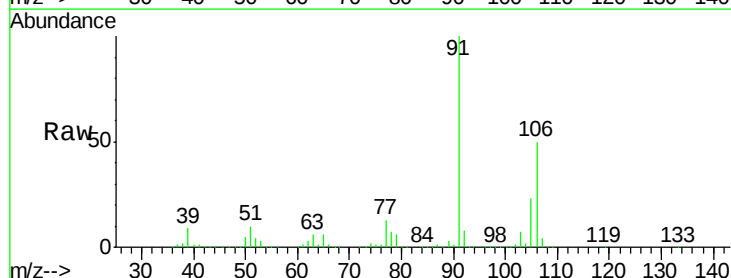
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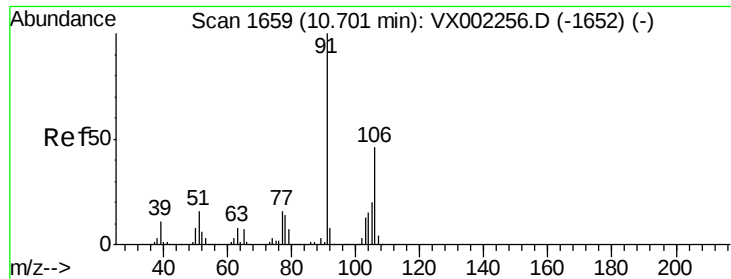
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#68
m/p-Xylenes
Concen: 101.52 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Tgt Ion: 106 Resp: 589893
Ion Ratio Lower Upper
106 100
91 204.7 163.4 245.2





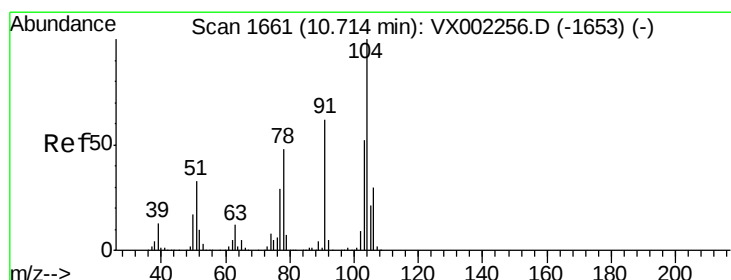
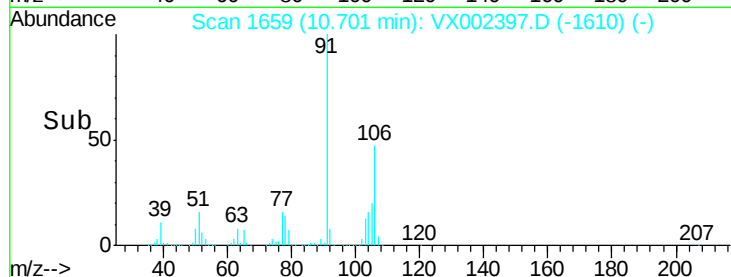
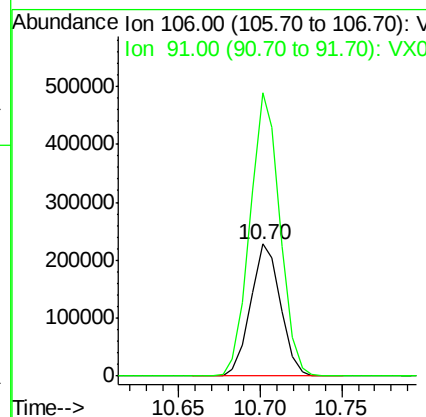
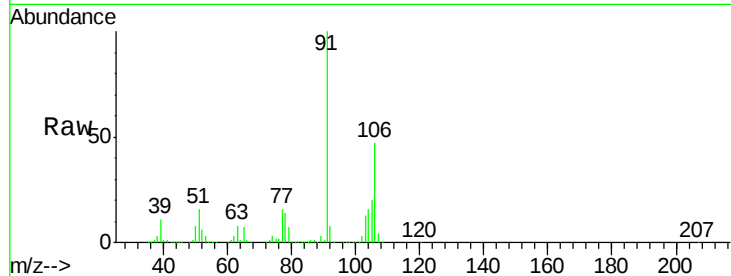
#69
o-Xylene
Concen: 50.56 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 292372
Ion Ratio Lower Upper
106 100
91 213.6 108.2 324.6

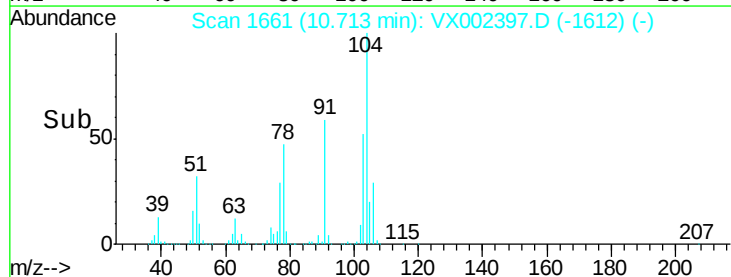
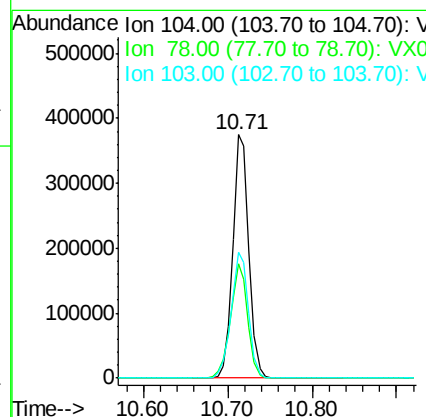
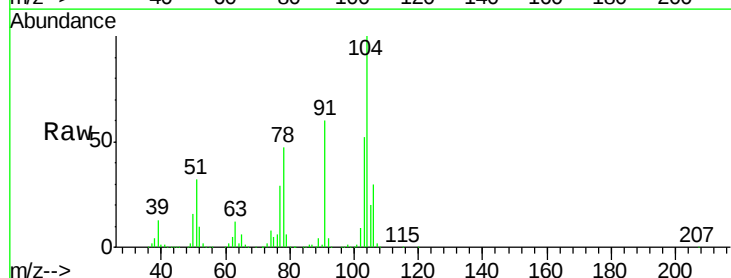
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#70
Styrene
Concen: 51.63 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Tgt Ion:104 Resp: 488080
Ion Ratio Lower Upper
104 100
78 50.7 41.0 61.6
103 56.1 44.2 66.4





#71

Bromoform

Concen: 44.73 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Instrument :

MSVOA_X

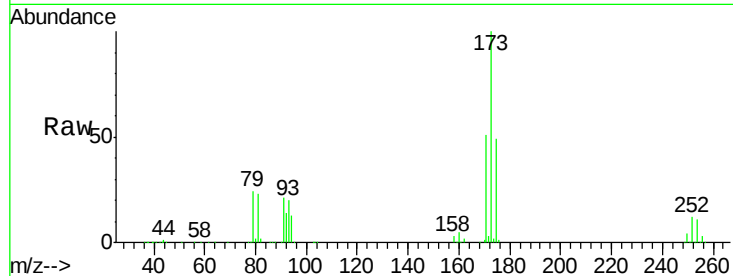
ClientSampleId :

VSTDCCC050

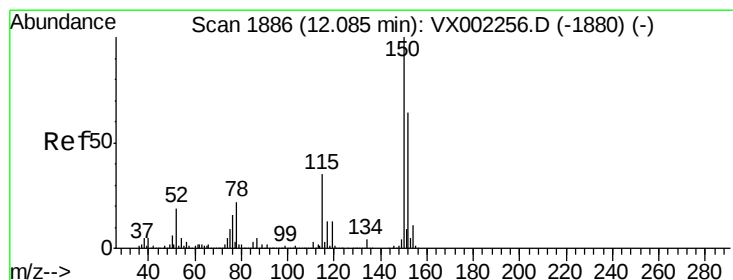
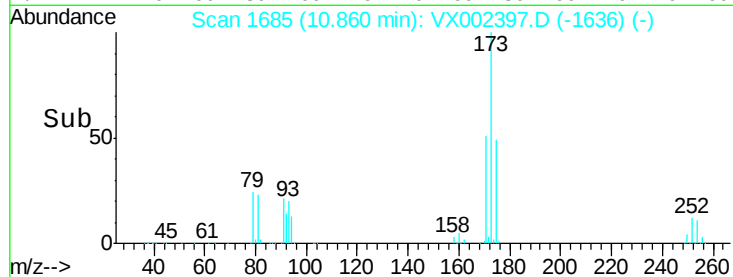
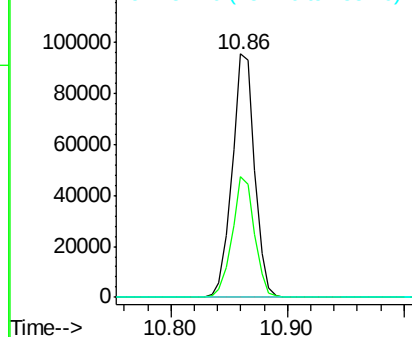
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.7	74.1
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

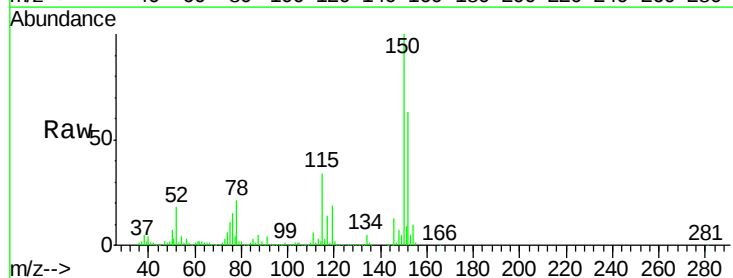
RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

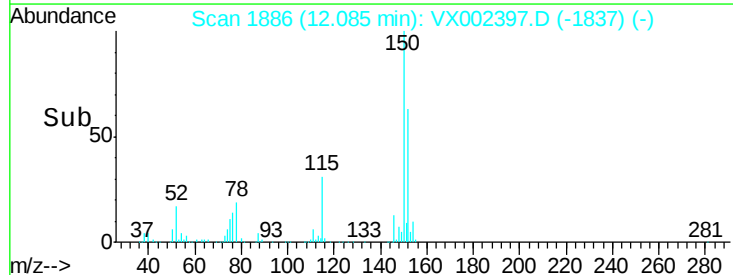
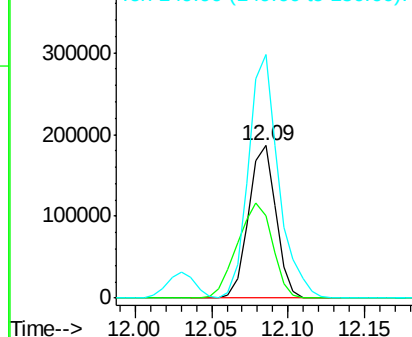
Lab File: VX002397.D

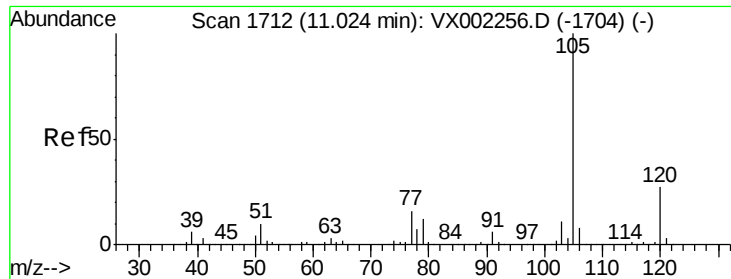
Acq: 08 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.2	40.1	120.2
150	175.6	0.0	347.2



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: 49.73 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 801497

Ion Ratio Lower Upper

105 100

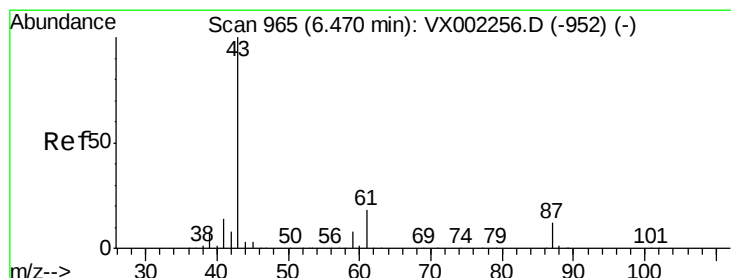
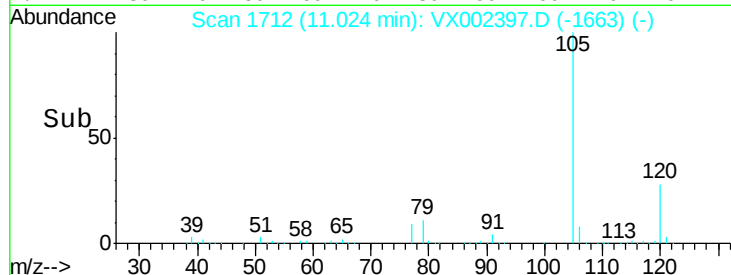
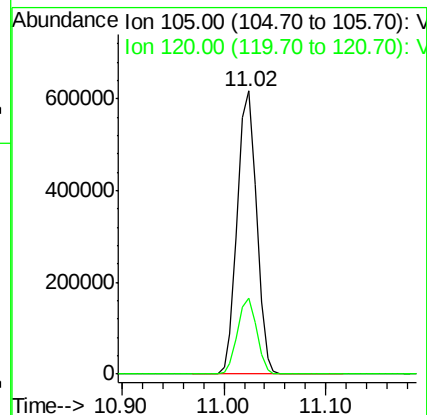
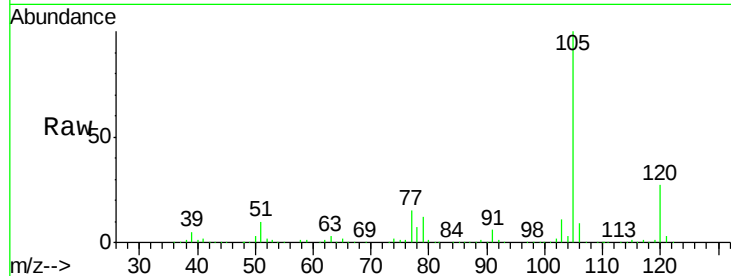
120 26.8 13.5 40.4

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#74

N-ethyl acetate

Concen: 43.20 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Tgt Ion: 43 Resp: 375111

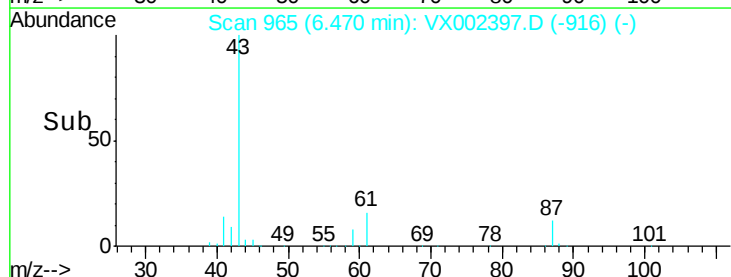
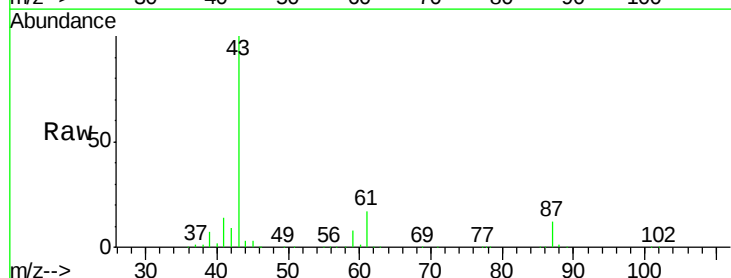
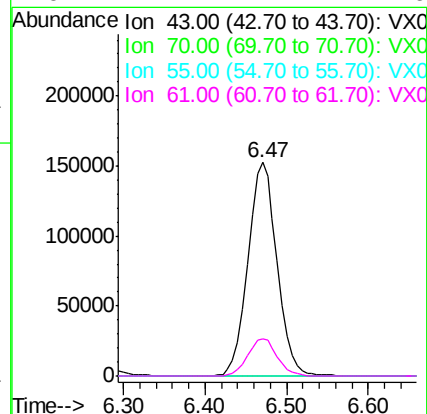
Ion Ratio Lower Upper

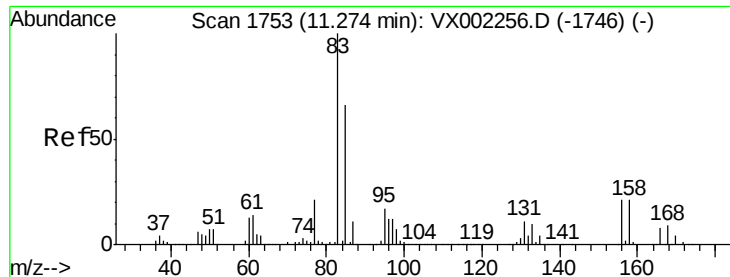
43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 17.7 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.70 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Instrument :

MSVOA_X

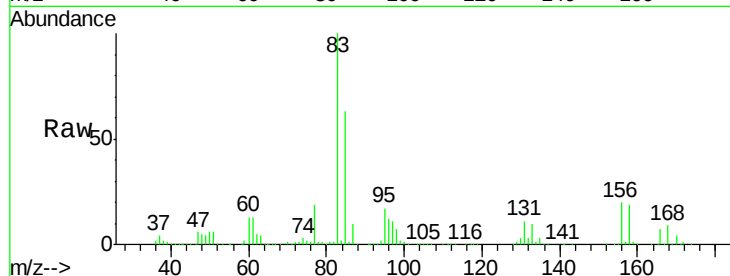
ClientSampleId :

VSTDCCC050

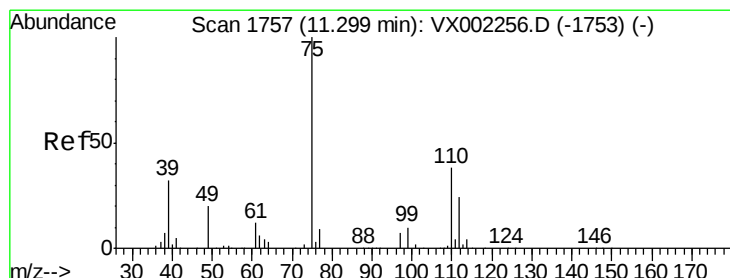
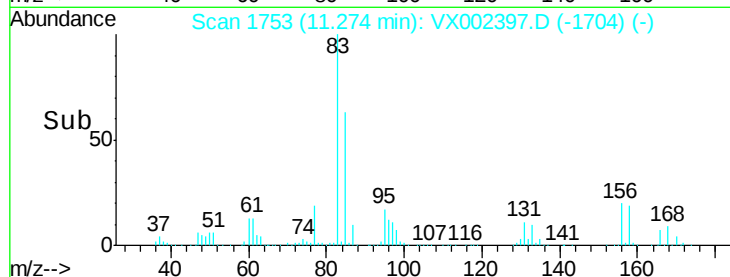
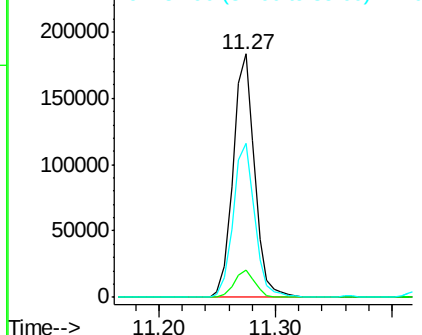
Tgt Ion:	83	Resp:	236699
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.6	16.8
85	63.6	32.4	97.2

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 46.21 ug/l m

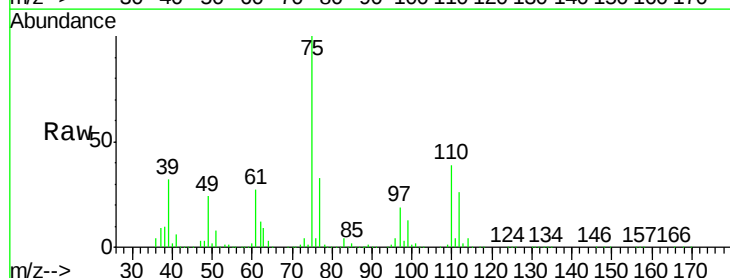
RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

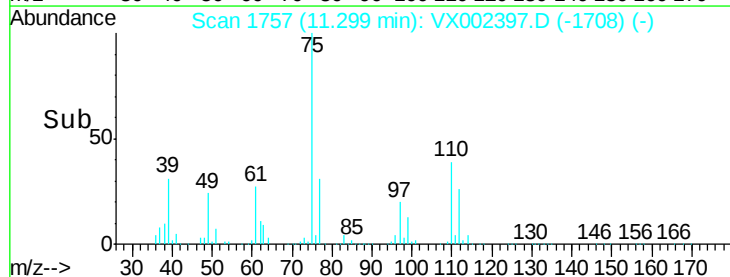
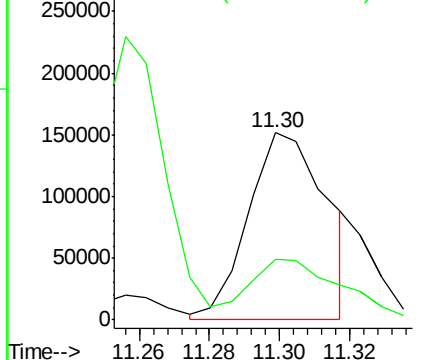
Lab File: VX002397.D

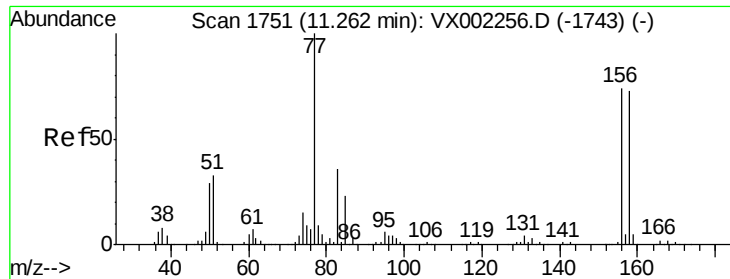
Acq: 08 Jun 2018 12:54

Tgt Ion:	75	Resp:	234907
Ion	Ratio	Lower	Upper
75	100		
77	38.2	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.24 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Instrument :

MSVOA_X

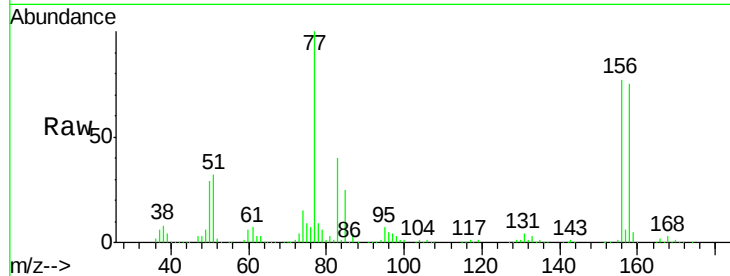
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	213742		
77	140.3	71.4	214.2	
158	98.0	48.9	146.6	

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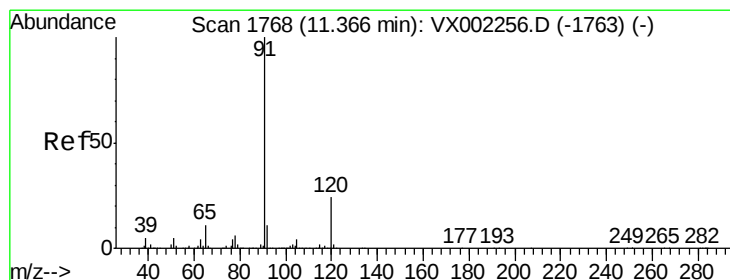
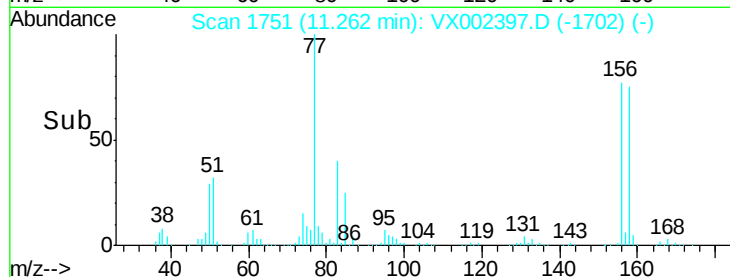
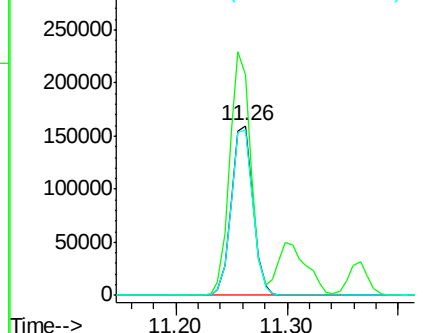
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.94 ug/l

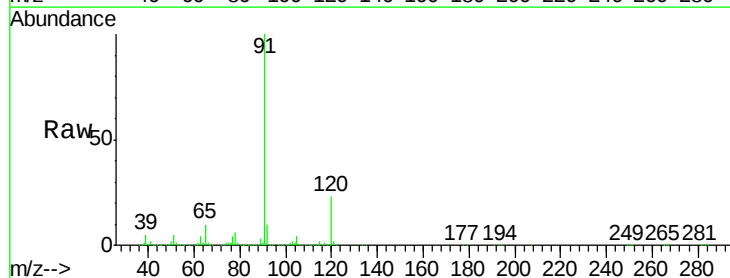
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002397.D

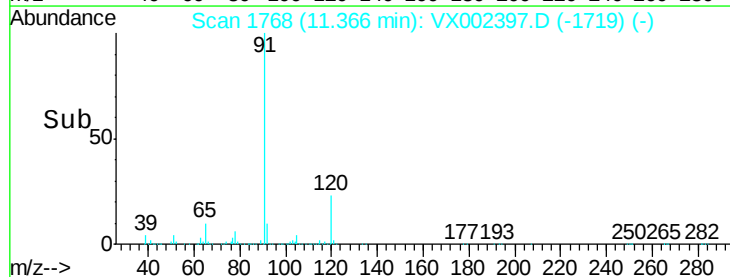
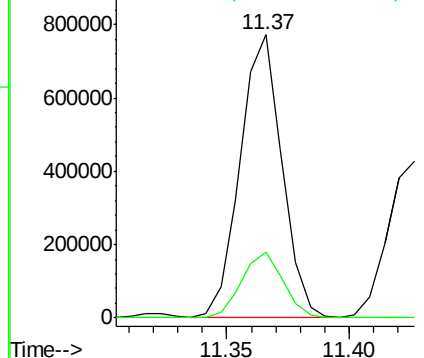
Acq: 08 Jun 2018 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	912466		
120	23.4	11.8	35.4	



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





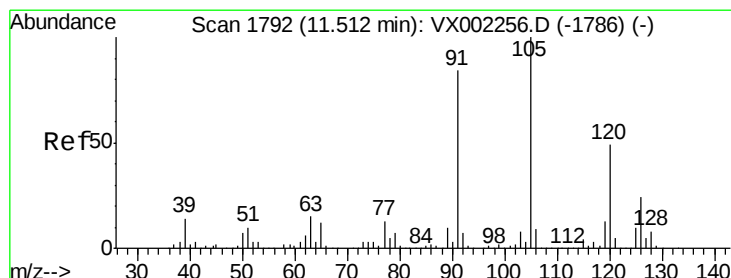
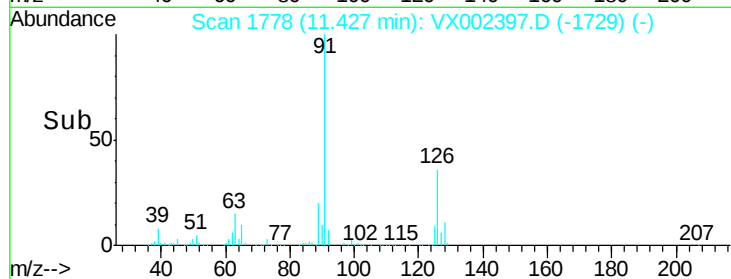
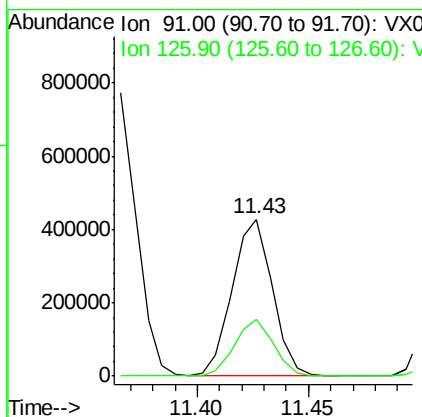
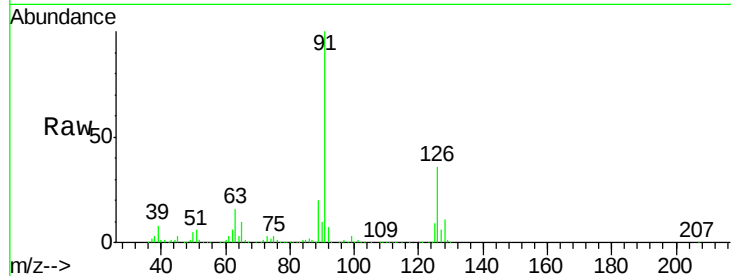
#79
 2-Chlorotoluene
 Concen: 47.44 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX002397.D
 Acq: 08 Jun 2018 12:54

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tgt Ion: 91 Resp: 536534
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.7 53.1

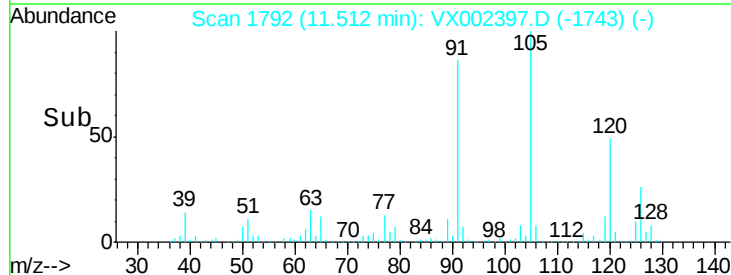
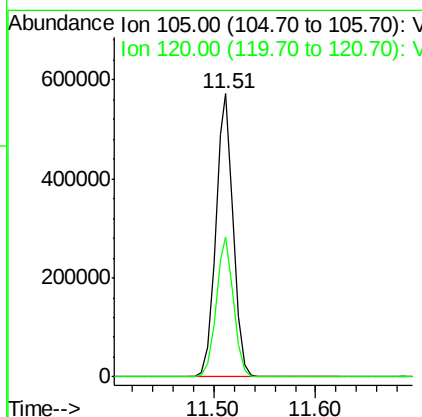
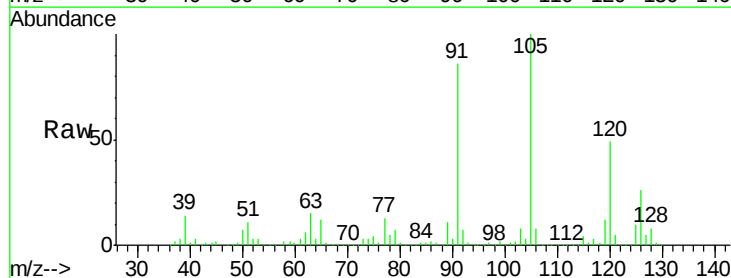
Manual Integrations
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.55 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002397.D
 Acq: 08 Jun 2018 12:54

Tgt Ion: 105 Resp: 684975
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.4 73.4





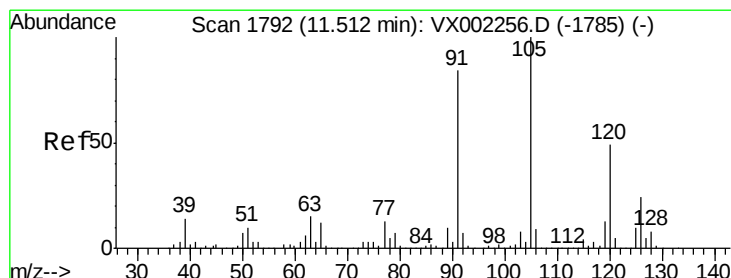
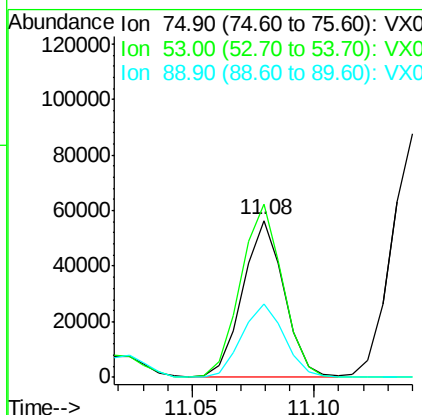
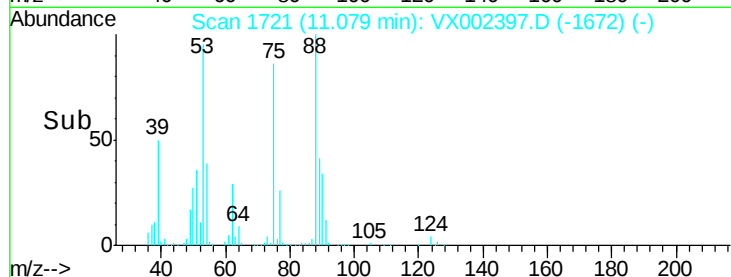
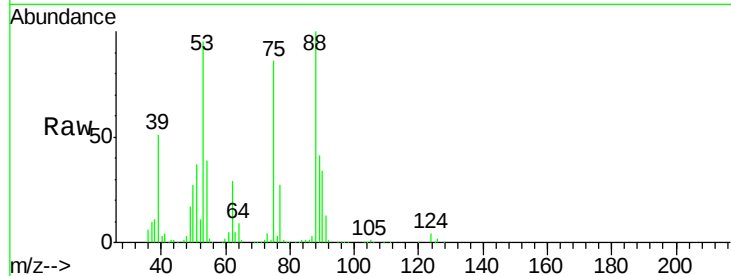
#81
trans-1,4-Dichloro-2-butene
Concen: 45.34 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	112.9	86.8	130.2
89	48.7	38.2	57.2

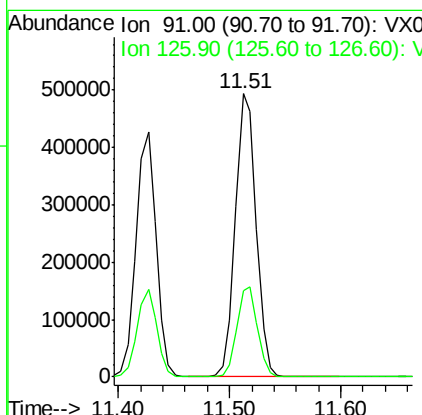
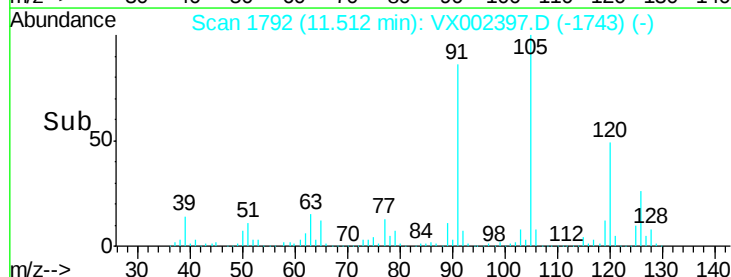
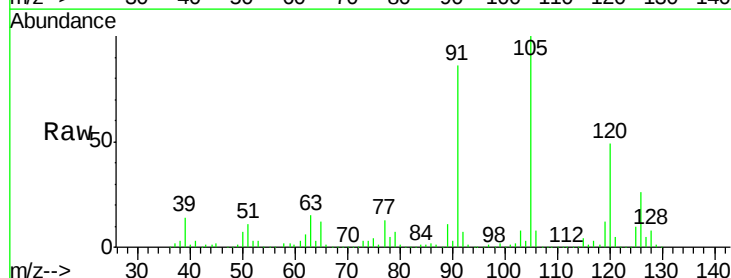
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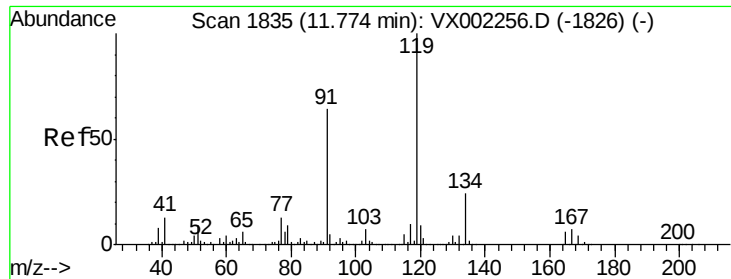
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#82
4-Chlorotoluene
Concen: 48.73 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.4	46.4





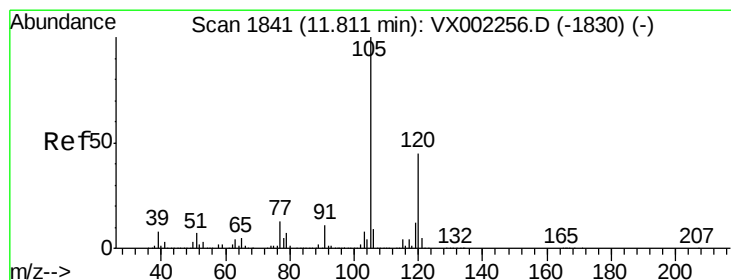
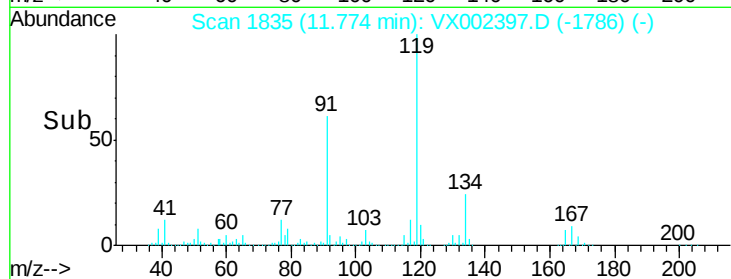
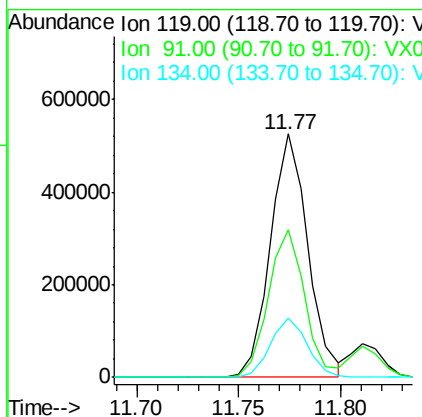
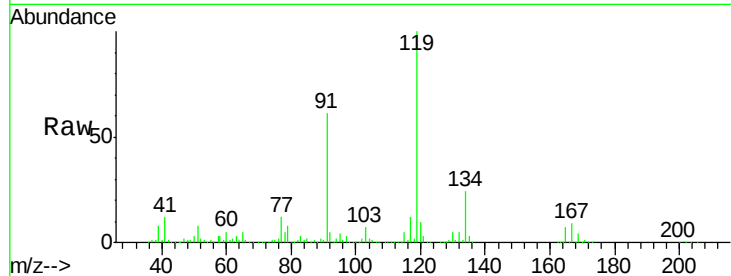
#83
 tert-Butylbenzene
 Concen: 49.98 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002397.D
 Acq: 08 Jun 2018 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	672718		
91	59.2	30.3	90.9	
134	23.8	11.7	35.1	

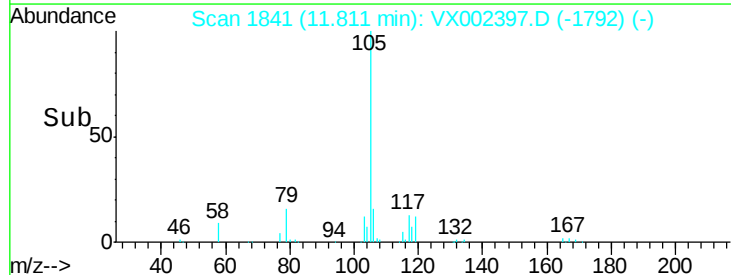
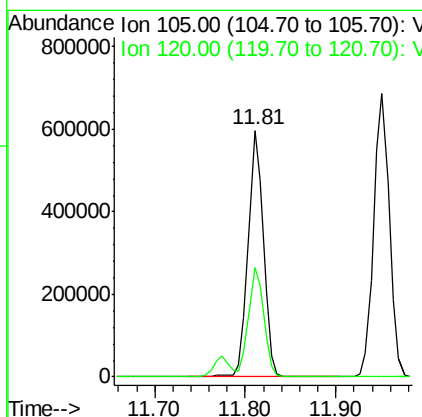
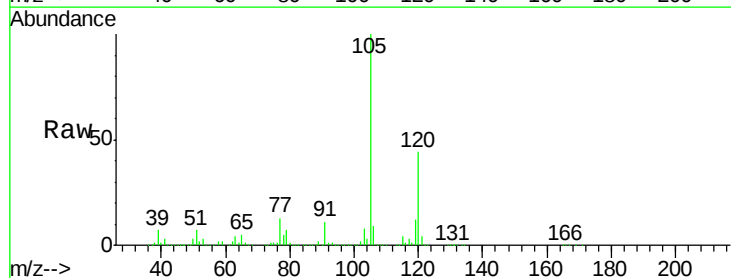
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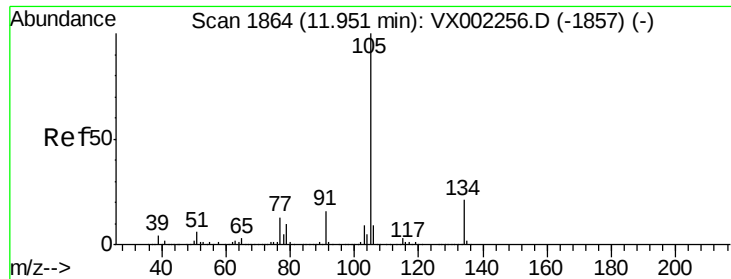
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.42 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002397.D
 Acq: 08 Jun 2018 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	703265		
120	44.0	22.3	66.8	





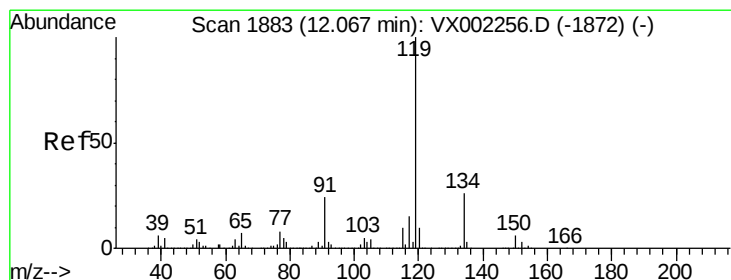
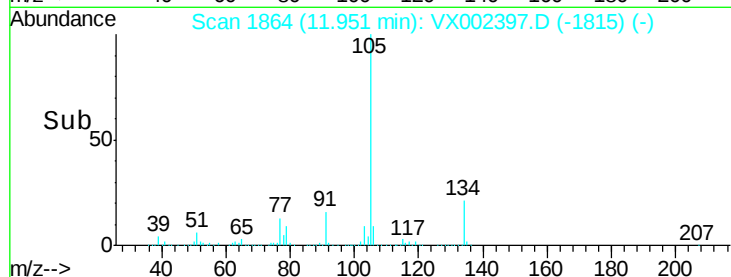
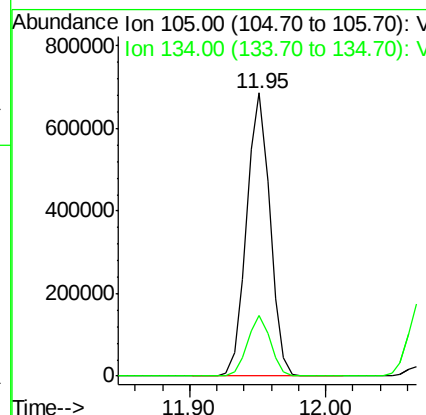
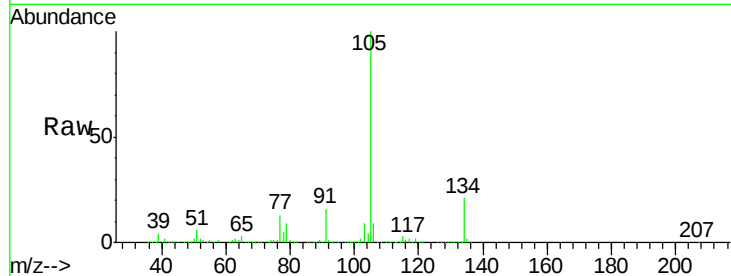
#85
 sec-Butylbenzene
 Concen: 52.13 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002397.D
 Acq: 08 Jun 2018 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.4	31.1

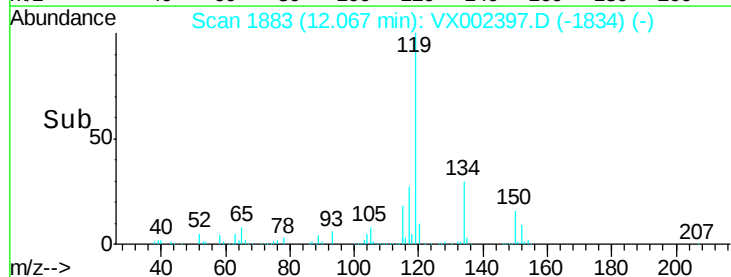
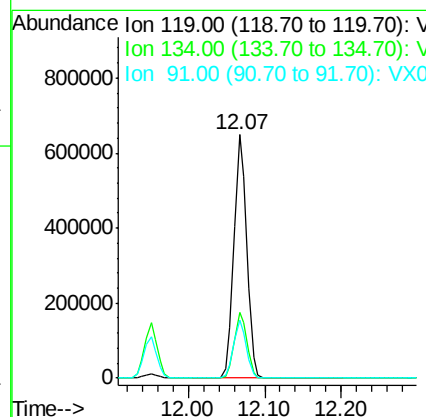
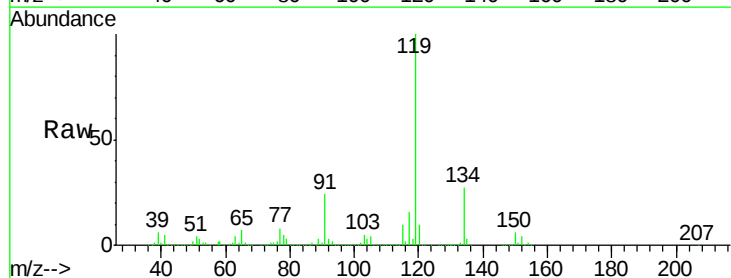
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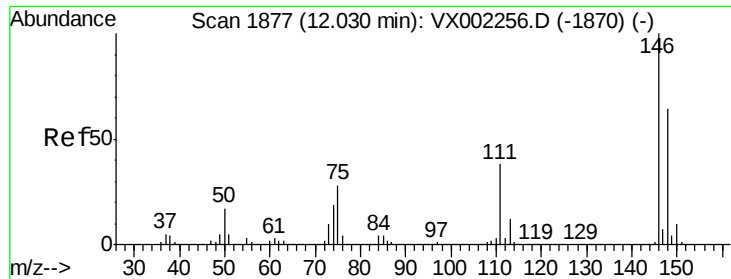
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#86
 p-Isopropyltoluene
 Concen: 52.48 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002397.D
 Acq: 08 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.4	40.1
91	23.6	11.9	35.7





#87

1,3-Dichlorobenzene

Concen: 48.96 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Instrument :

MSVOA_X

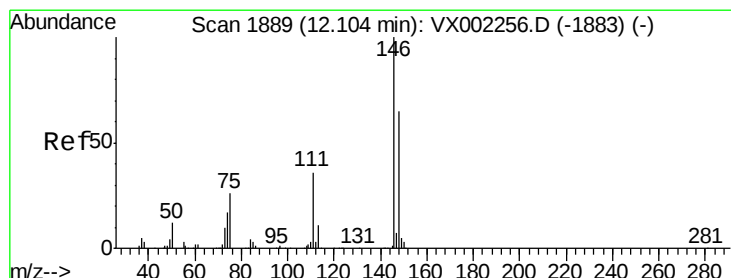
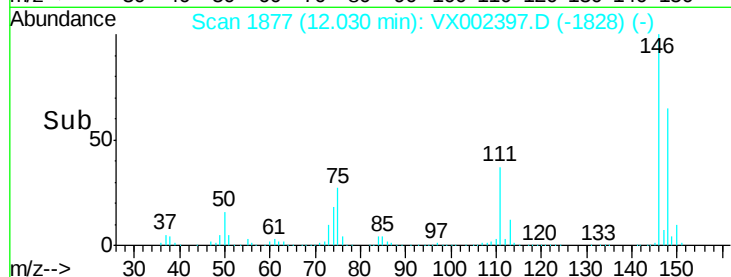
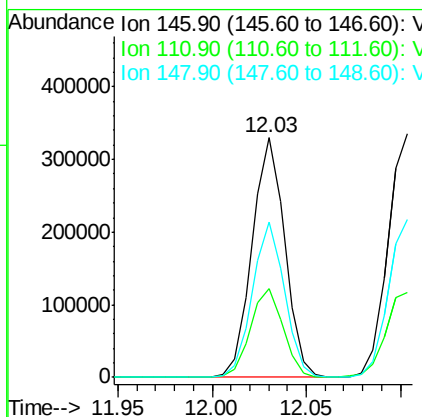
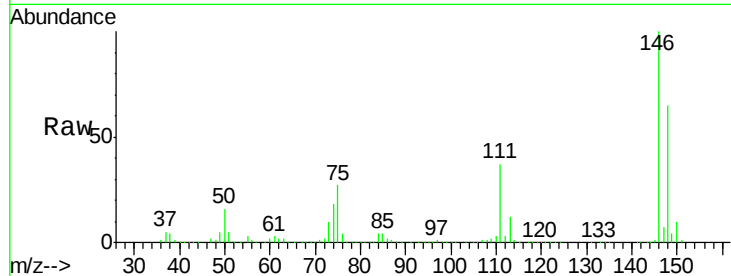
ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	396104
Ion Ratio	Lower	Upper	
146	100		
111	37.2	18.9	56.7
148	64.1	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 48.39 ug/l

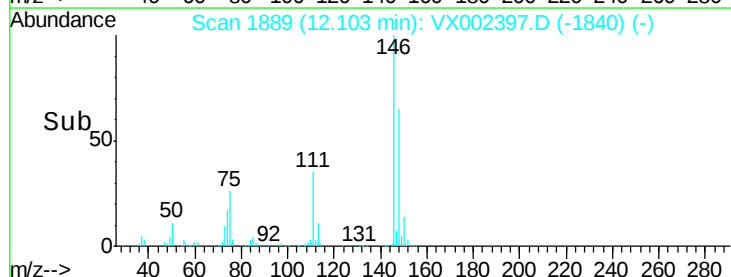
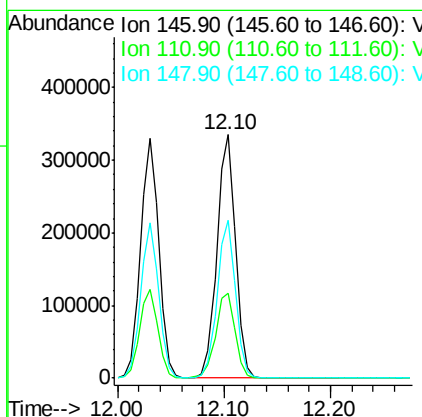
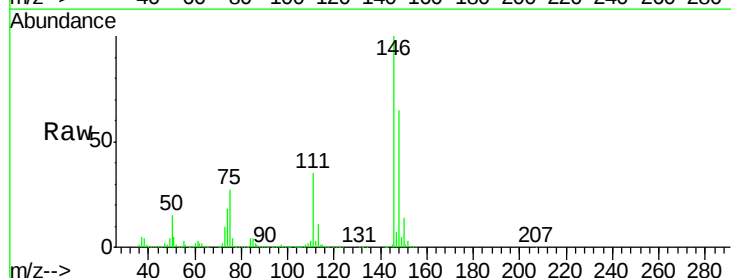
RT: 12.10 min Scan# 1889

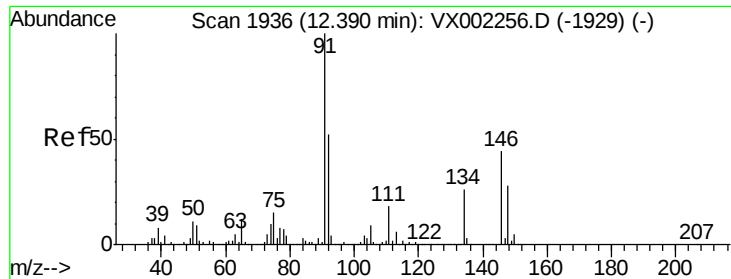
Delta R.T. -0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Tgt Ion:	146	Resp:	403526
Ion Ratio	Lower	Upper	
146	100		
111	36.4	18.7	56.1
148	64.1	32.4	97.0





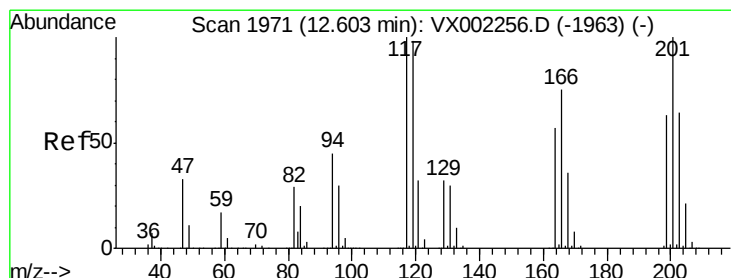
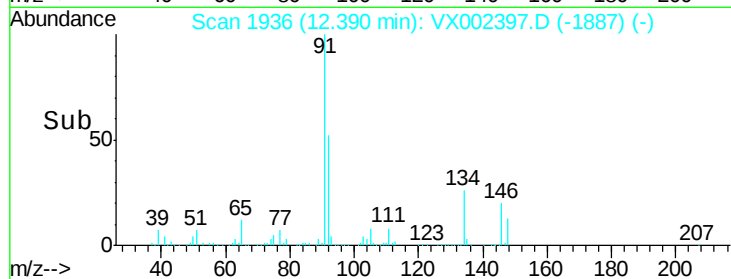
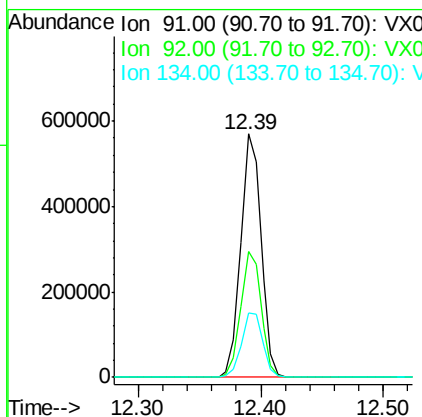
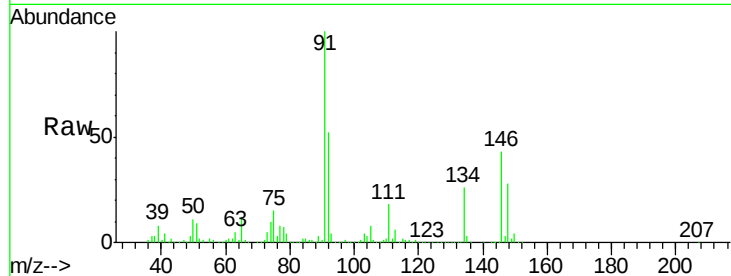
#89
n-Butylbenzene
Concen: 54.17 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.0	78.0
134	27.4	13.5	40.5

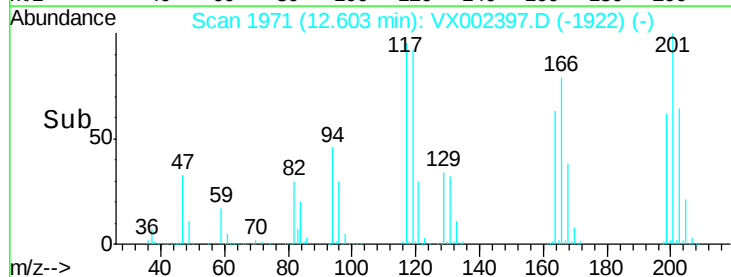
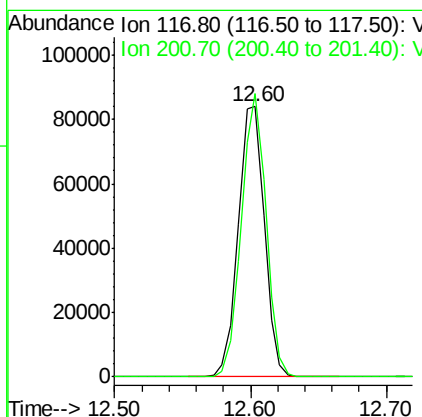
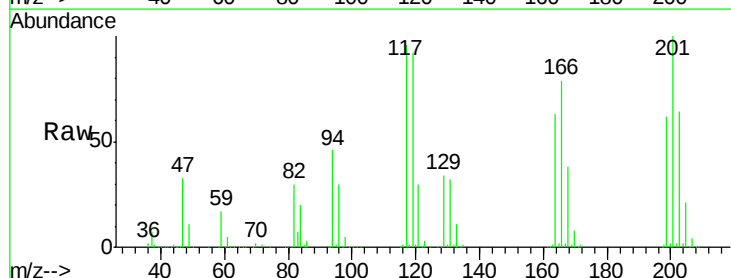
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#90
Hexachloroethane
Concen: 48.98 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002397.D
Acq: 08 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.9	49.0	147.0





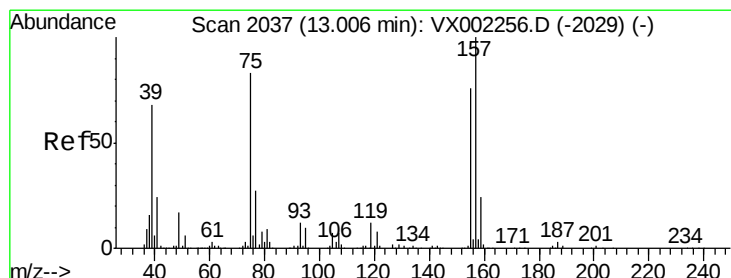
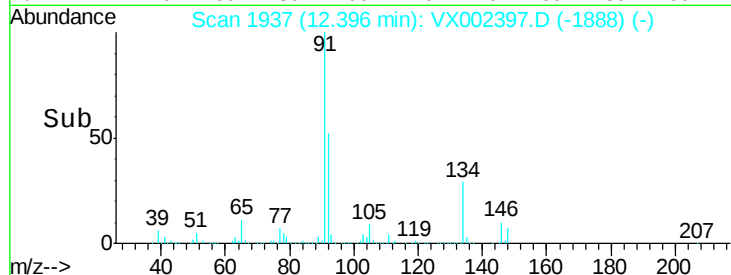
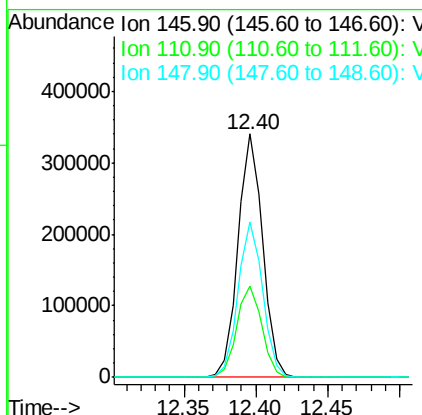
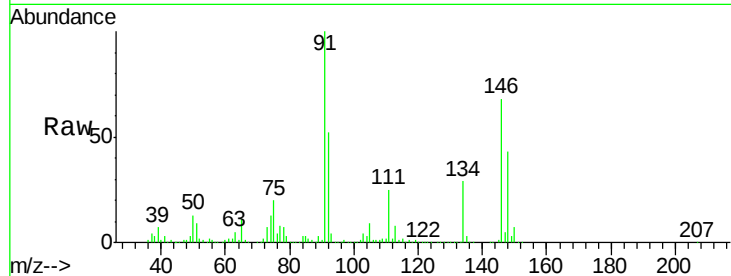
#91
 1,2-Dichlorobenzene
 Concen: 48.35 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002397.D
 Acq: 08 Jun 2018 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.1
148	64.1	31.7	95.1

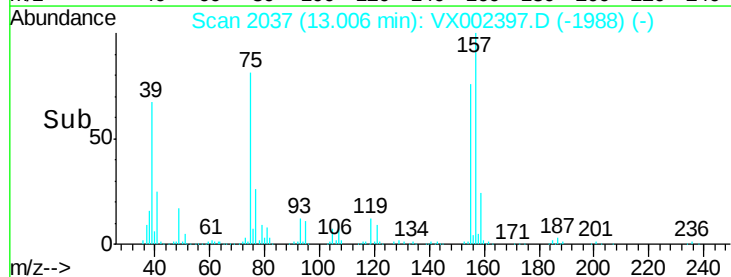
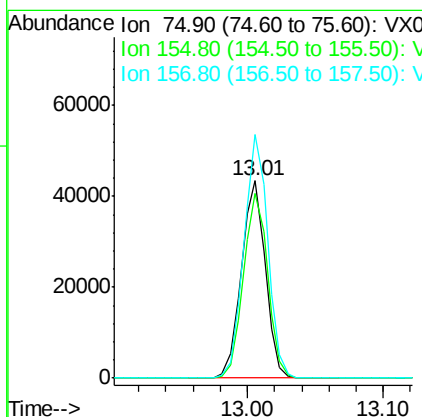
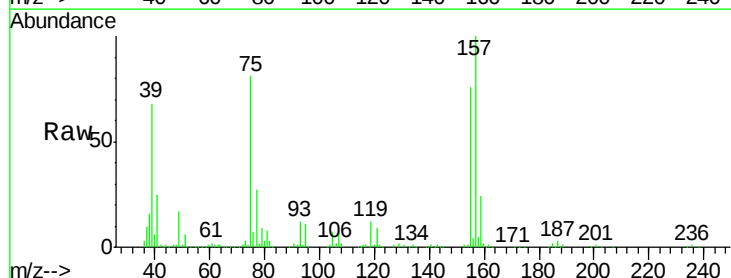
Manual Integrations
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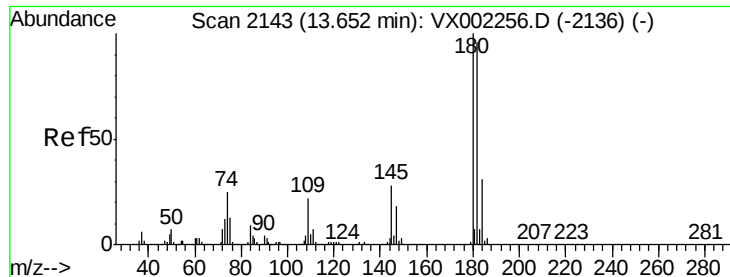
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.10 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002397.D
 Acq: 08 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.5	45.8	137.4
157	122.7	60.1	180.3





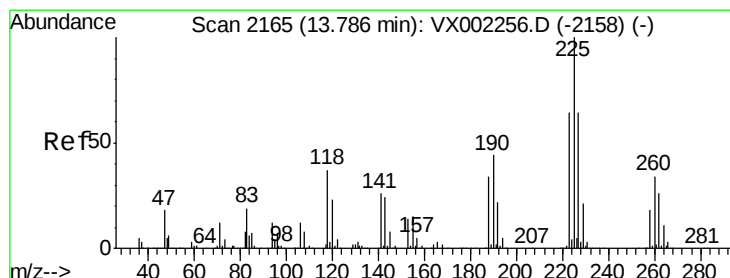
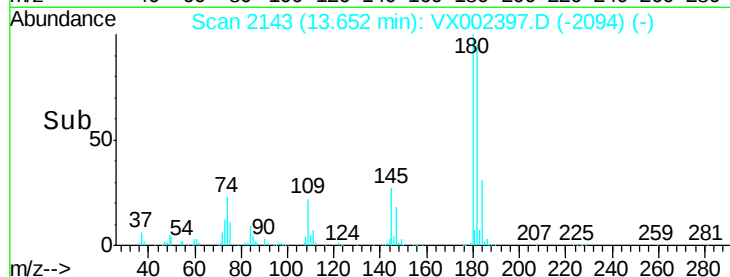
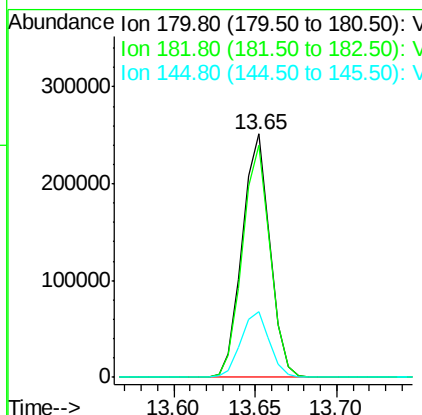
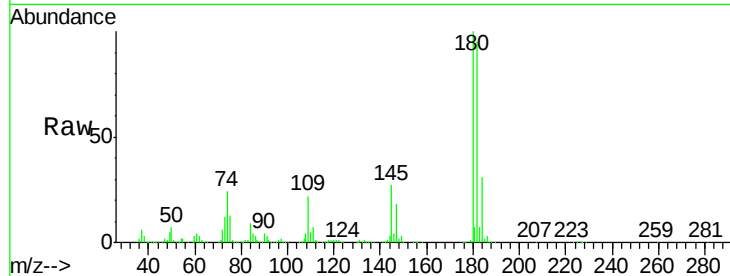
#93
 1,2,4-Trichlorobenzene
 Concen: 50.83 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002397.D
 Acq: 08 Jun 2018 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	298330		
182	95.4	47.7	143.1	
145	27.6	14.1	42.4	

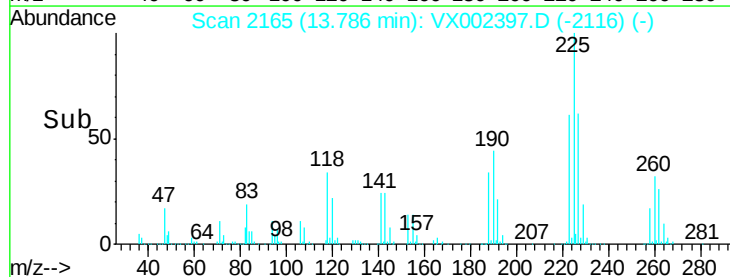
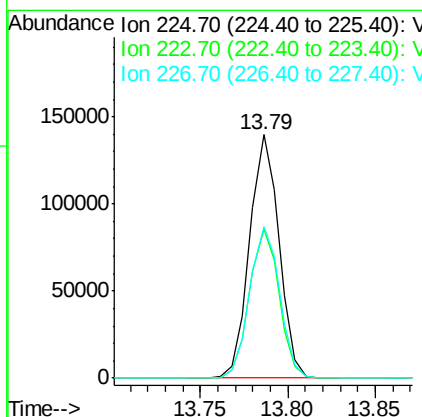
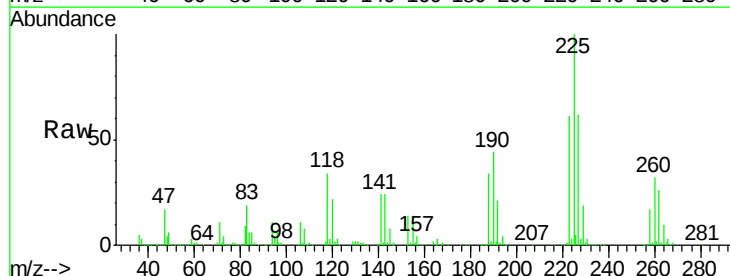
Manual Integrations
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#94
 Hexachlorobutadiene
 Concen: 56.63 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002397.D
 Acq: 08 Jun 2018 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	164241		
223	61.9	31.6	95.0	
227	63.4	32.4	97.2	





#95

Naphthalene

Concen: 50.07 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Instrument :

MSVOA_X

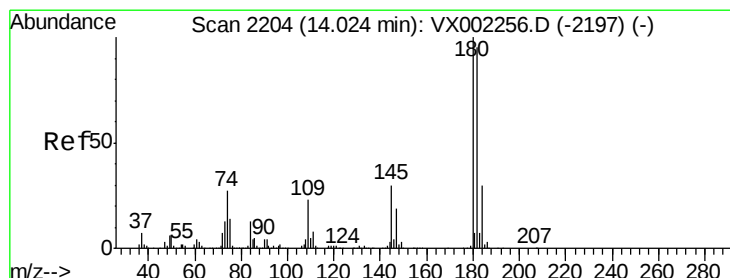
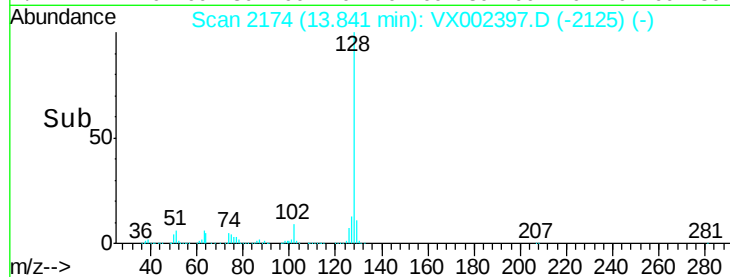
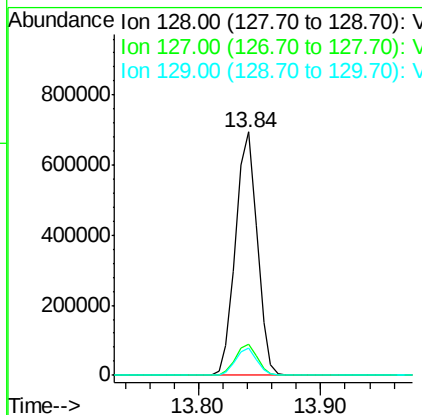
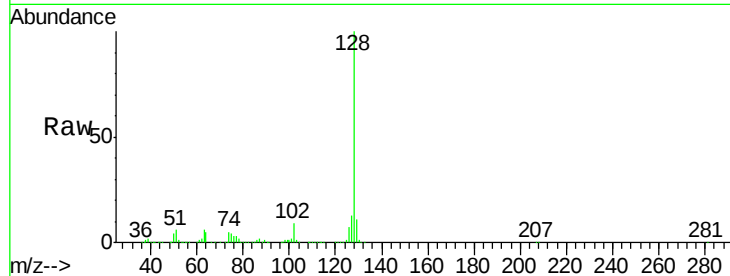
ClientSampleId :

VSTDCCC050

Tgt Ion:	128	Resp:	844244
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/11/2018 9:30:23 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.62 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002397.D

Acq: 08 Jun 2018 12:54

Tgt Ion:	180	Resp:	302969
Ion Ratio	Lower	Upper	
180	100		
182	96.1	48.0	144.0
145	29.4	14.8	44.3

