

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040718\
 Data File : VX000716.D
 Acq On : 07 Apr 2018 15:22
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

sam
 4/9/2018 2:02:16 PM

Quant Time: Apr 07 16:54:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 16:39:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	321451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	435344	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	399433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	239320	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	17946	5.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.14%	
35) Dibromofluoromethane	5.51	113	13571	4.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.54%	
50) Toluene-d8	8.72	98	53385	5.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.22%	
62) 4-Bromofluorobenzene	11.14	95	22369	5.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.56%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	14094	4.888	ug/l 93
3) Chloromethane	1.32	50	14257	6.012	ug/l 100
4) Vinyl Chloride	1.40	62	14151	5.713	ug/l 94
5) Bromomethane	1.64	94	10187	7.440	ug/l 96
6) Chloroethane	1.72	64	8936	5.907	ug/l 99
7) Trichlorofluoromethane	1.93	101	23074	5.690	ug/l 100
8) Diethyl Ether	2.19	74	8248	5.457	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	13772	5.796	ug/l 99
10) Methyl Iodide	2.51	142	11254	4.339	ug/l 98
11) Tert butyl alcohol	3.07	59	16157	24.410	ug/l 96
12) 1,1-Dichloroethene	2.37	96	12232	5.720	ug/l 95
13) Acrolein	2.29	56	8003	31.292	ug/l 94
14) Allyl chloride	2.73	41	23866	5.587	ug/l 97
15) Acrylonitrile	3.15	53	32745	24.729	ug/l 98
16) Acetone	2.45	43	29707	26.727	ug/l 98
17) Carbon Disulfide	2.57	76	36672	7.215	ug/l 98
18) Methyl Acetate	2.78	43	16622	4.698	ug/l 100
19) Methyl tert-butyl Ether	3.21	73	42977	5.201	ug/l 99
20) Methylene Chloride	2.86	84	24049	9.844	ug/l 99
21) trans-1,2-Dichloroethene	3.17	96	13169	5.746	ug/l 98
22) Diisopropyl ether	3.87	45	44845	5.103	ug/l 99
23) Vinyl Acetate	3.83	43	198019	25.914	ug/l 98
24) 1,1-Dichloroethane	3.70	63	24871	5.436	ug/l 96
25) 2-Butanone	4.71	43	51239	25.020	ug/l 99
26) 2,2-Dichloropropane	4.59	77	24759	5.447	ug/l 95
27) cis-1,2-Dichloroethene	4.60	96	16587	5.633	ug/l 98
28) Bromochloromethane	5.03	49	11302	5.597	ug/l 98
29) Tetrahydrofuran	5.17	42	32282	24.710	ug/l 99
30) Chloroform	5.22	83	26120	5.312	ug/l 97
31) Cyclohexane	5.59	56	23801	6.231	ug/l 92
32) 1,1,1-Trichloroethane	5.50	97	25570	5.457	ug/l 99
36) 1,1-Dichloropropene	5.81	75	20932	6.070	ug/l 97
37) Ethyl Acetate	4.87	43	20517	5.241	ug/l 97
38) Carbon Tetrachloride	5.79	117	23537	5.623	ug/l 98

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 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	25024	6.314	ug/l	96
40) Benzene	6.15	78	56279	5.597	ug/l	100
41) Methacrylonitrile	5.06	41	12412	5.381	ug/l	96
42) 1,2-Dichloroethane	6.20	62	22046	5.507	ug/l	97
43) Isopropyl Acetate	6.47	43	35642	5.184	ug/l	100
44) Trichloroethene	7.22	130	17210	5.564	ug/l	94
45) 1,2-Dichloropropane	7.52	63	14994	5.531	ug/l	97
46) Dibromomethane	7.67	93	10024	5.394	ug/l	97
47) Bromodichloromethane	7.90	83	20571	5.246	ug/l	99
48) Methyl methacrylate	7.79	41	18239	5.168	ug/l	98
49) 1,4-Dioxane	7.76	88	7445	104.087	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	103818	25.388	ug/l	98
52) Toluene	8.79	92	37759	5.622	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	25295	5.432	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	24525	5.232	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	14695	5.293	ug/l	99
56) Ethyl methacrylate	9.19	69	23079	5.114	ug/l	98
57) 1,3-Dichloropropane	9.38	76	24700	5.535	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	45529	23.822	ug/l	99
59) 2-Hexanone	9.51	43	79208	25.190	ug/l	100
60) Dibromochloromethane	9.59	129	17737	5.085	ug/l	100
61) 1,2-Dibromoethane	9.68	107	15748	5.332	ug/l	98
64) Tetrachloroethene	9.34	164	17047	5.692	ug/l	97
65) Chlorobenzene	10.15	112	43794	5.543	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	16463	5.297	ug/l	99
67) Ethyl Benzene	10.26	91	73500	5.541	ug/l	99
68) m/p-Xylenes	10.37	106	57722	11.133	ug/l	99
69) o-Xylene	10.70	106	27875	5.476	ug/l	98
70) Styrene	10.72	104	46372	5.329	ug/l	98
71) Bromoform	10.87	173	15209	4.988	ug/l #	100
73) Isopropylbenzene	11.02	105	75620	5.419	ug/l	100
74) N-amyl acetate	6.47	43	35642	5.194	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	21745	5.209	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	21155m	5.237	ug/l	
77) Bromobenzene	11.26	156	21463	5.372	ug/l	98
78) n-propylbenzene	11.37	91	86584	5.460	ug/l	98
79) 2-Chlorotoluene	11.43	91	51089	5.427	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	64801	5.397	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	7906	5.096	ug/l #	88
82) 4-Chlorotoluene	11.52	91	61566	5.409	ug/l	99
83) tert-Butylbenzene	11.77	119	65661	5.300	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	67050	5.390	ug/l	99
85) sec-Butylbenzene	11.95	105	78892	5.434	ug/l	99
86) p-Isopropyltoluene	12.07	119	73885	5.460	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	39760	5.354	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	40594	5.369	ug/l	93
89) n-Butylbenzene	12.40	91	66060	5.511	ug/l	100
90) Hexachloroethane	12.60	117	13016	5.258	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	38532	5.264	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	5560	4.962	ug/l	99

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

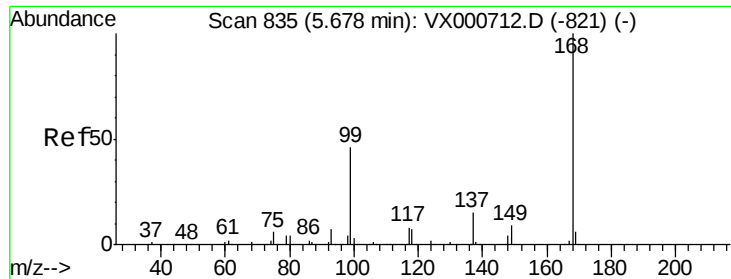
Manual Integrations
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 07 16:39:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	33260	5.414	ug/l	99
94) Hexachlorobutadiene	13.79	225	16507	5.476	ug/l	99
95) Naphthalene	13.84	128	84965	5.097	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	31472	5.237	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 168 Resp: 321451

Ion Ratio Lower Upper

168 100

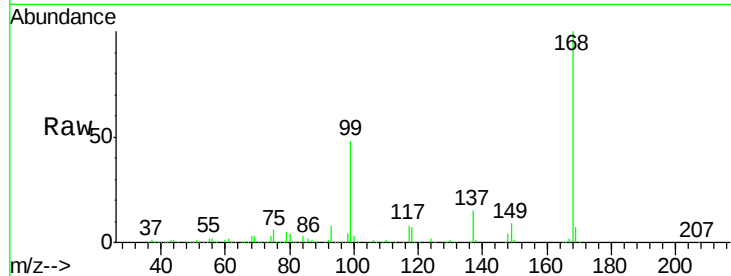
99 47.9 37.2 55.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

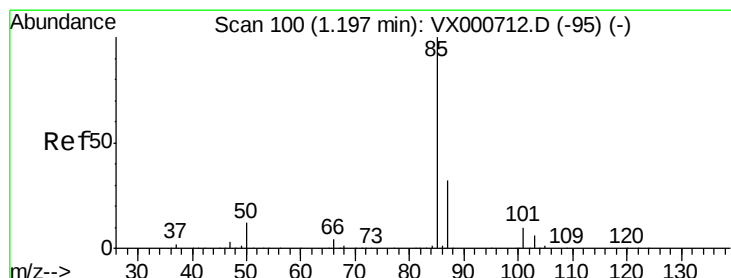
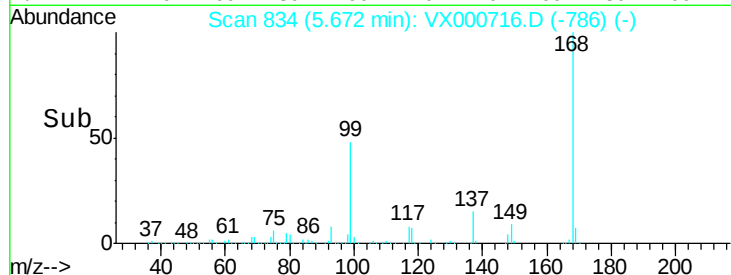
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 4.888 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000716.D

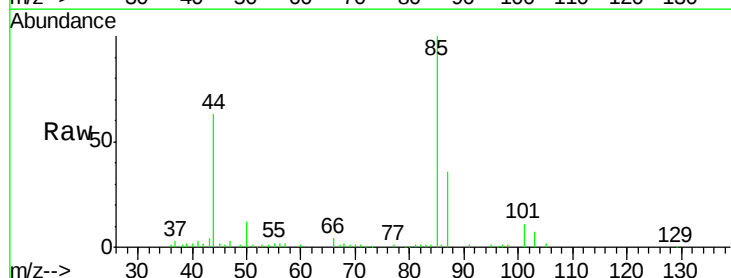
Acq: 07 Apr 2018 15:22

Tgt Ion: 85 Resp: 14094

Ion Ratio Lower Upper

85 100

87 36.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

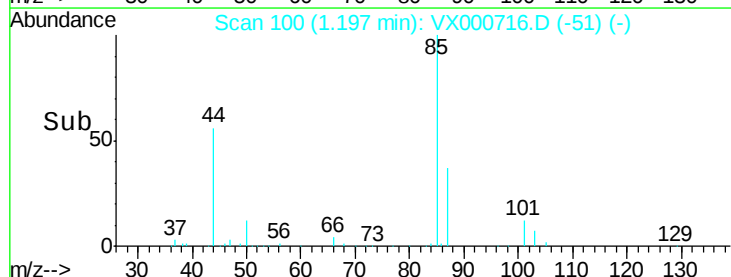
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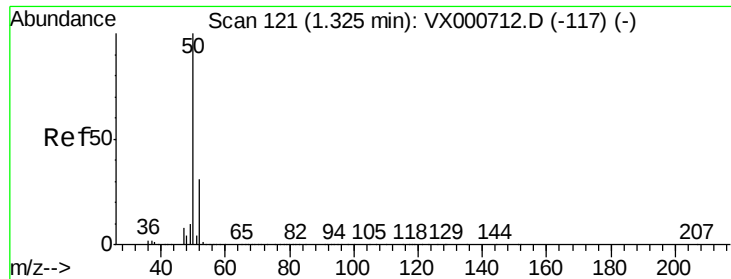
5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 6.012 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tgt Ion: 50 Resp: 14257

Ion Ratio Lower Upper

50 100

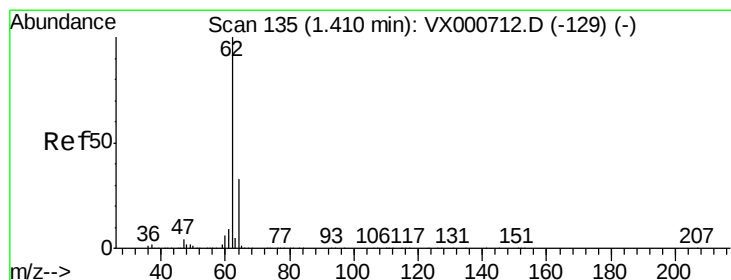
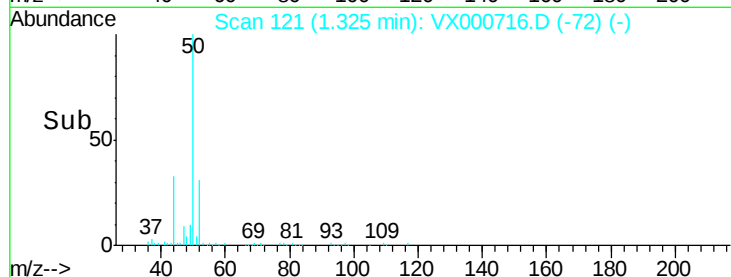
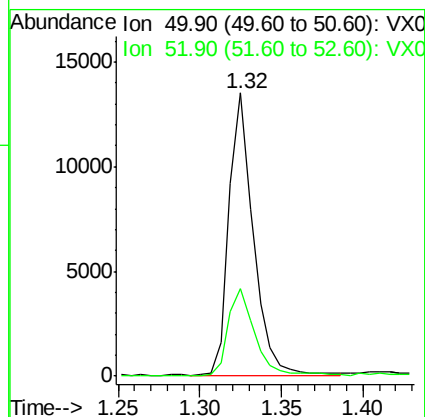
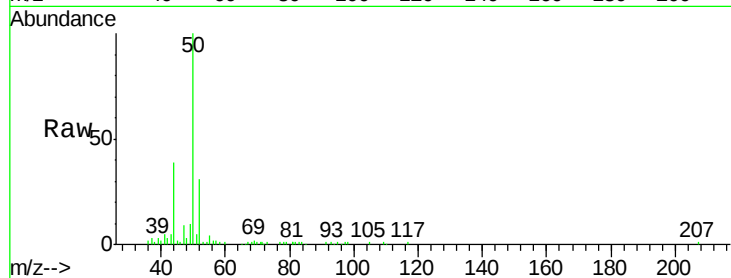
52 31.1 24.9 37.3

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#4

Vinyl Chloride

Concen: 5.713 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000716.D

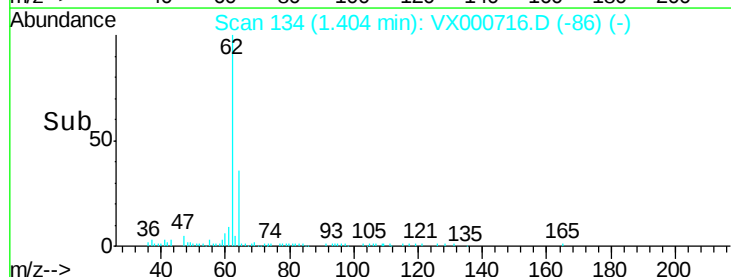
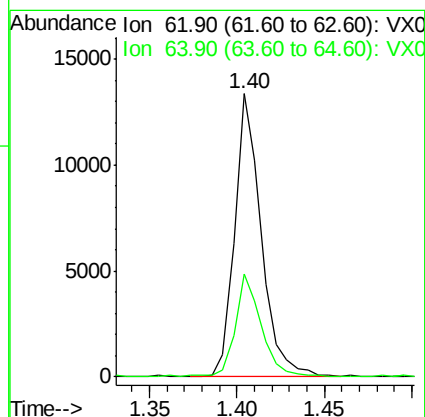
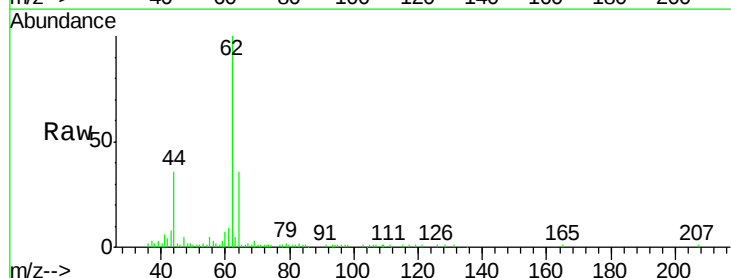
Acq: 07 Apr 2018 15:22

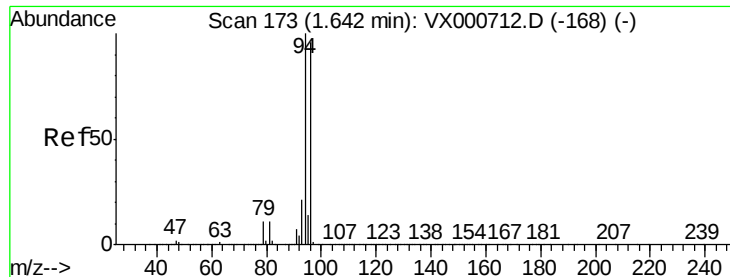
Tgt Ion: 62 Resp: 14151

Ion Ratio Lower Upper

62 100

64 36.2 26.2 39.2





#5

Bromomethane

Concen: 7.440 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 94 Resp: 10187

Ion Ratio Lower Upper

94 100

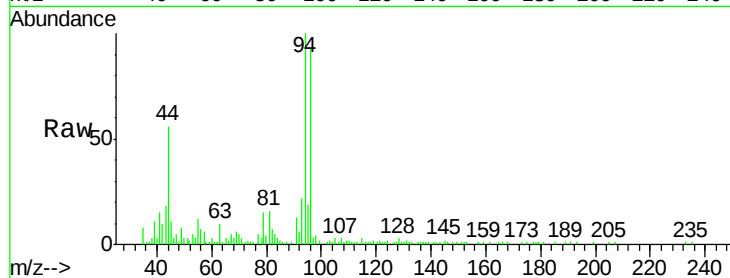
96 92.0 76.5 114.7

Manual Integrations

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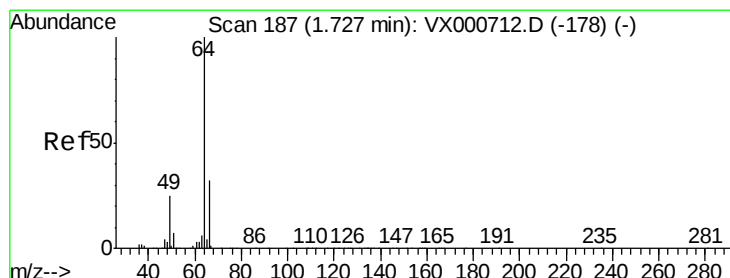
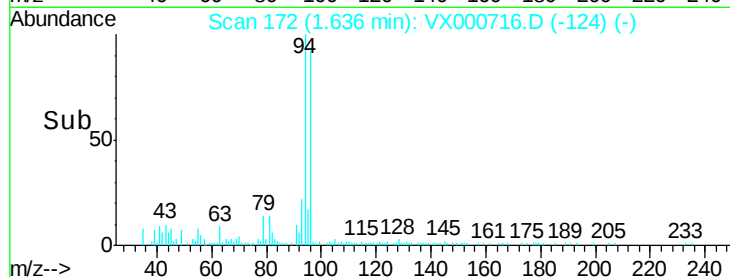
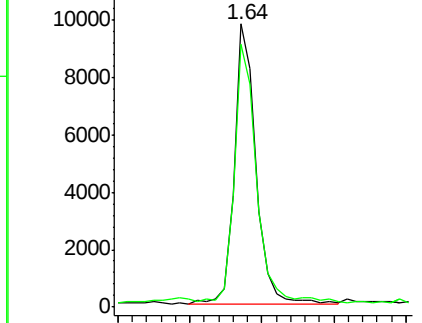
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 5.907 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000716.D

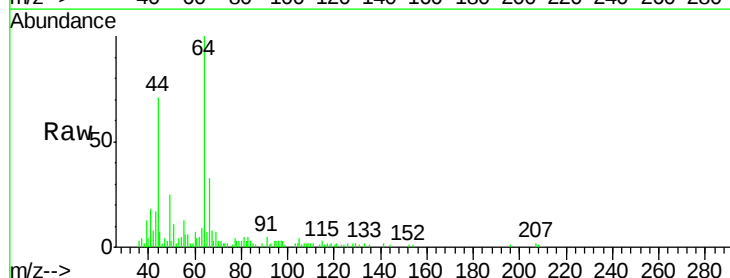
Acq: 07 Apr 2018 15:22

Tgt Ion: 64 Resp: 8936

Ion Ratio Lower Upper

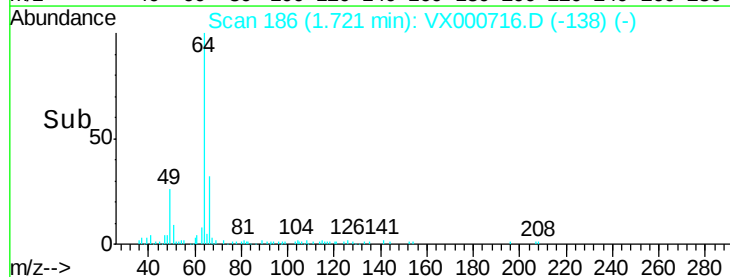
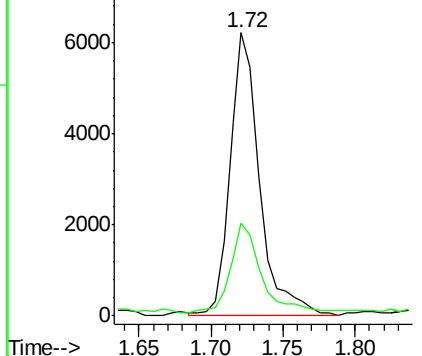
64 100

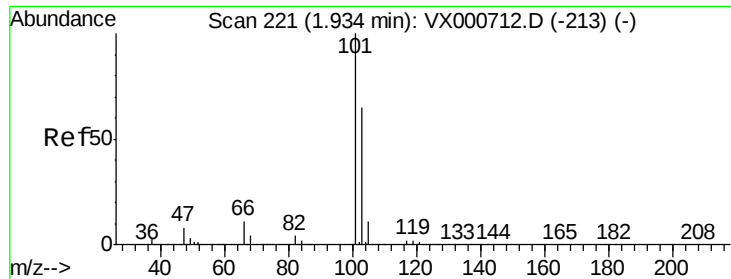
66 31.4 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

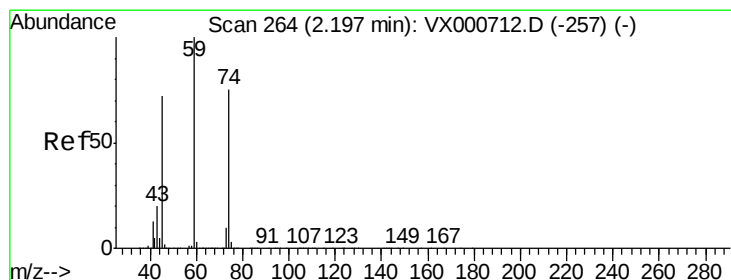
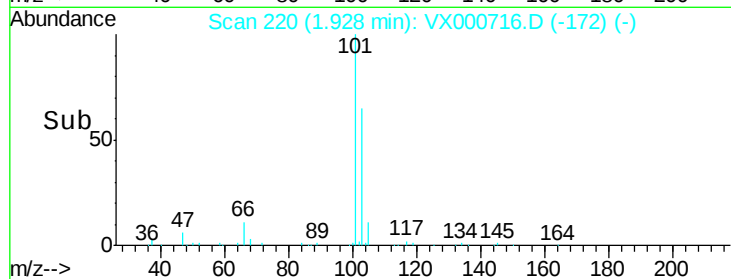
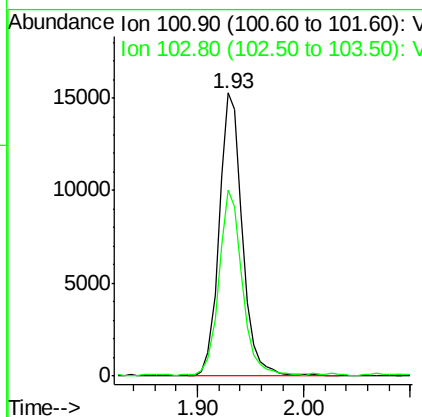
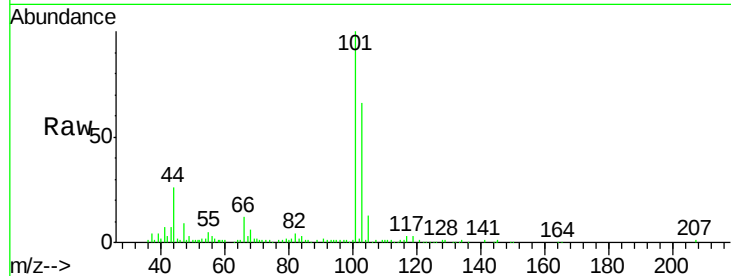
Trichlorofluoromethane
Concen: 5.690 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.01 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

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VSTDIC005

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.1	78.1

Manual Integrations
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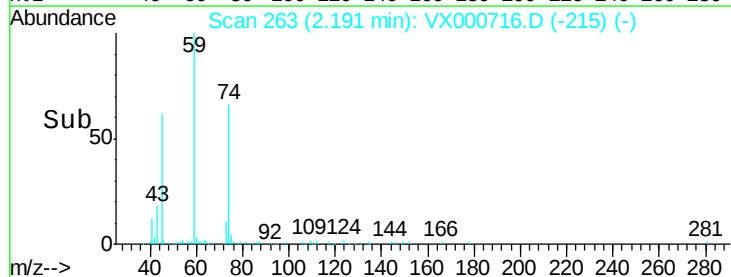
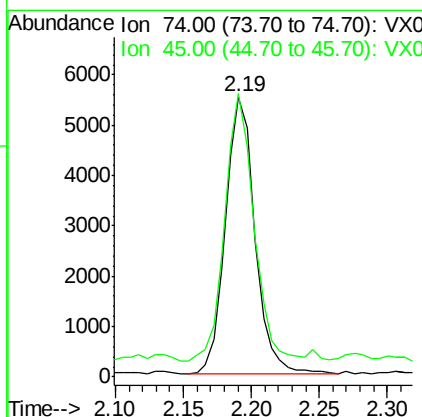
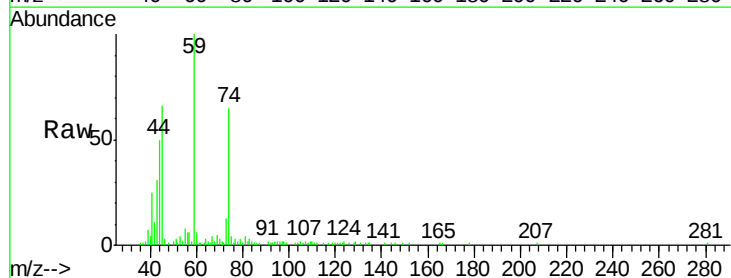
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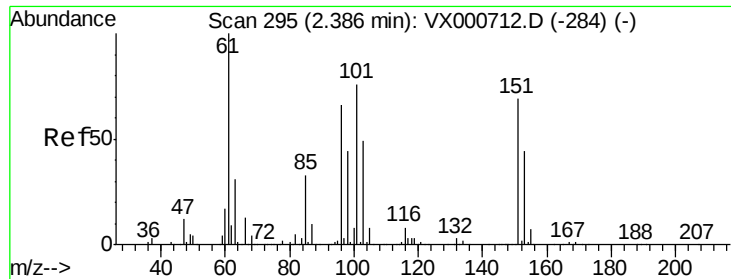


#8

Diethyl Ether
Concen: 5.457 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.3	48.4	145.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.796 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

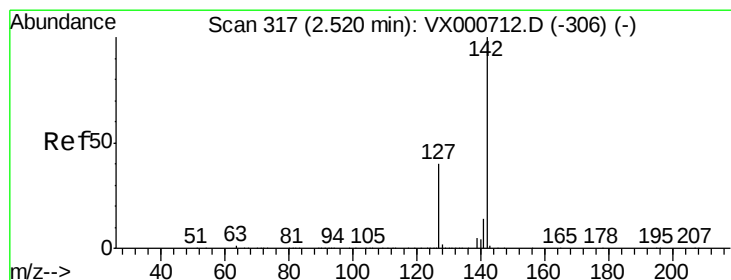
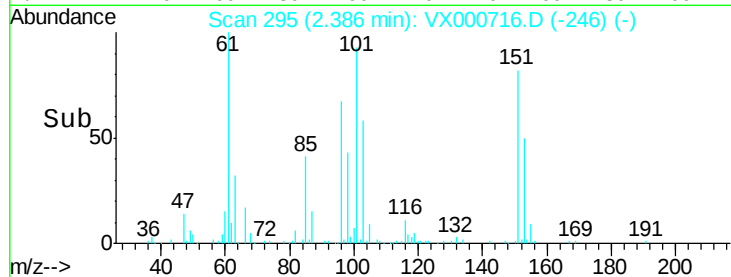
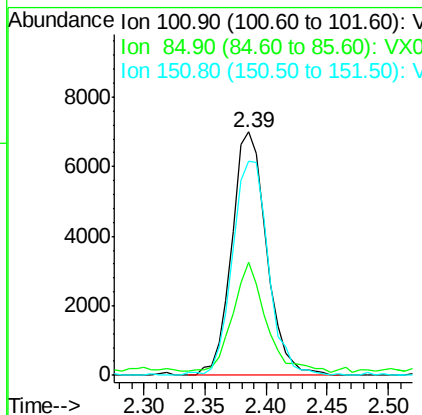
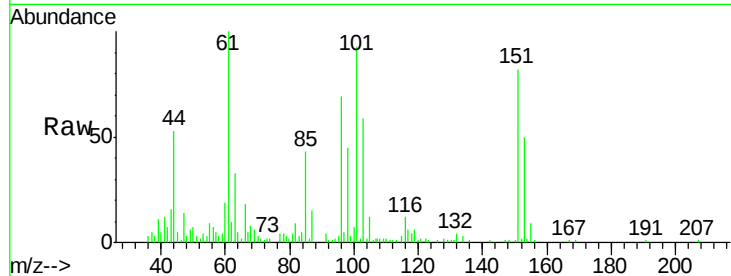
ClientSampleId :

VSTDIC005

Tgt Ion:	101	Resp:	13772
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.3	51.5
151	91.5	73.8	110.8

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#10

Methyl Iodide

Concen: 4.339 ug/l

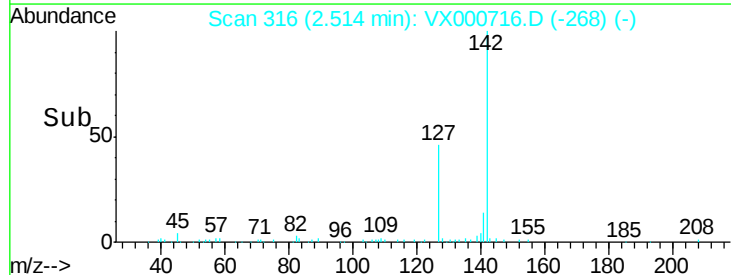
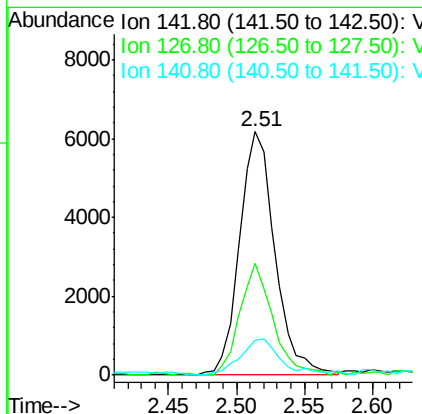
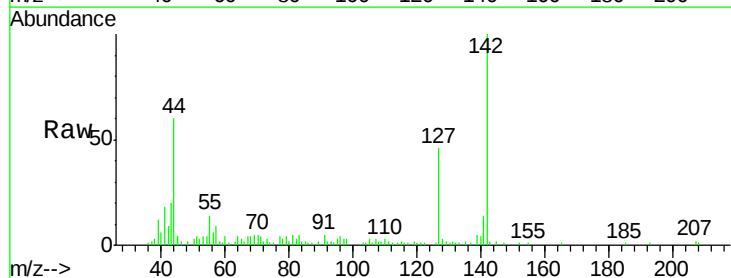
RT: 2.51 min Scan# 316

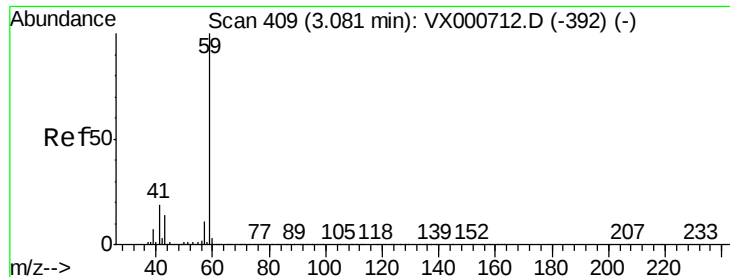
Delta R.T. -0.01 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Tgt Ion:	142	Resp:	11254
Ion Ratio	Lower	Upper	
142	100		
127	43.0	33.9	50.9
141	16.8	11.4	17.0





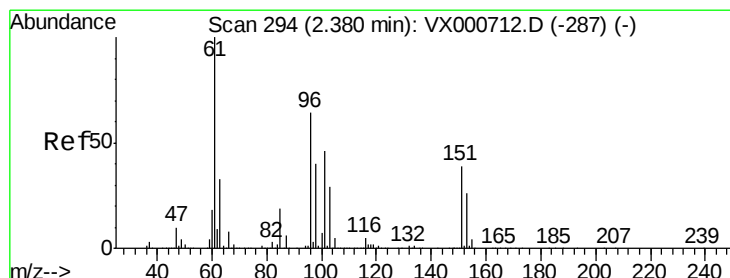
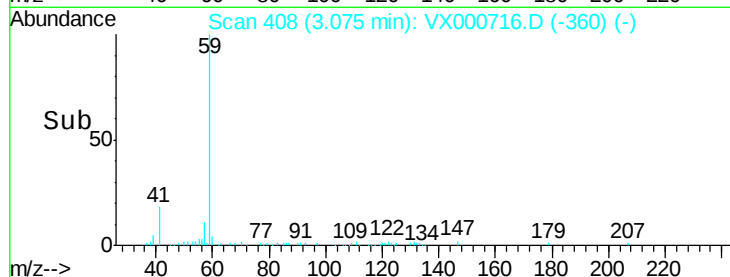
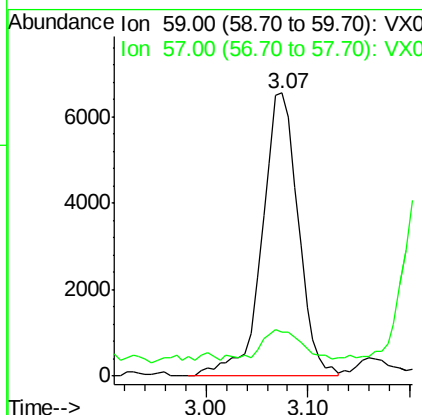
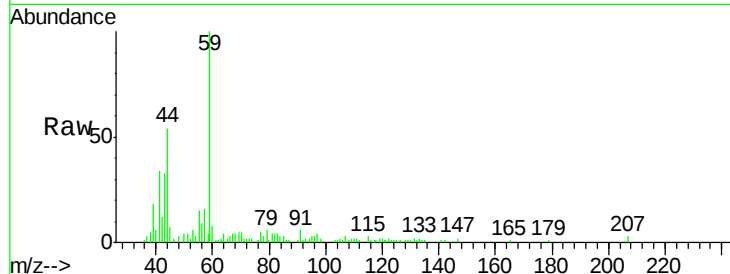
#11
Tert butyl alcohol
Concen: 24.410 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.9	8.4	12.6

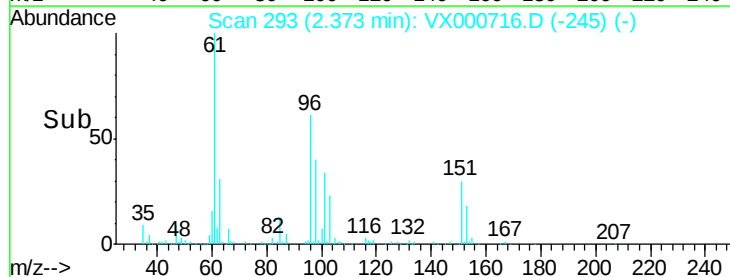
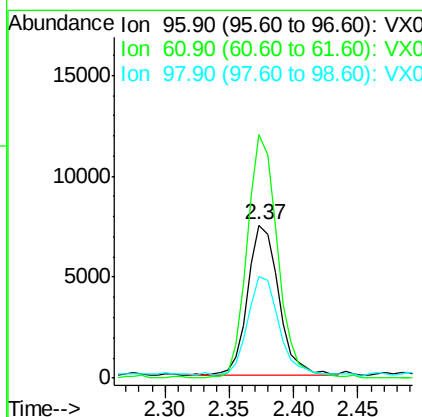
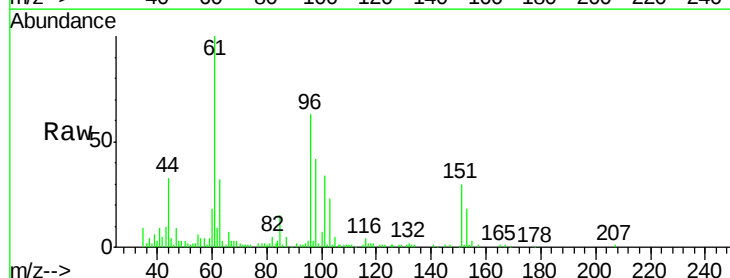
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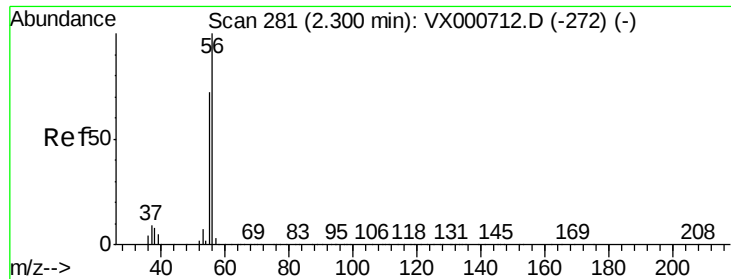
sam
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#12
1,1-Dichloroethene
Concen: 5.720 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.9	125.0	187.4
98	65.8	50.5	75.7





#13

Acrolein

Concen: 31.292 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 8003

Ion Ratio Lower Upper

56 100

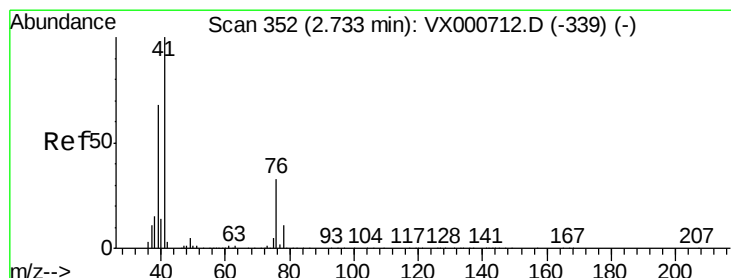
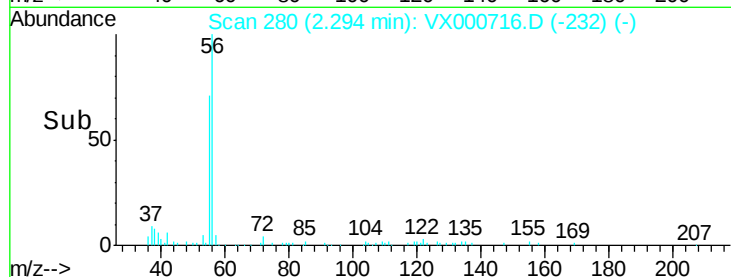
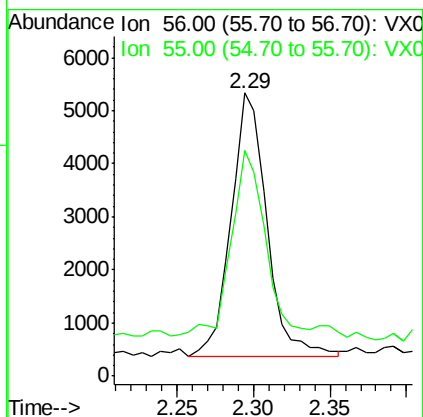
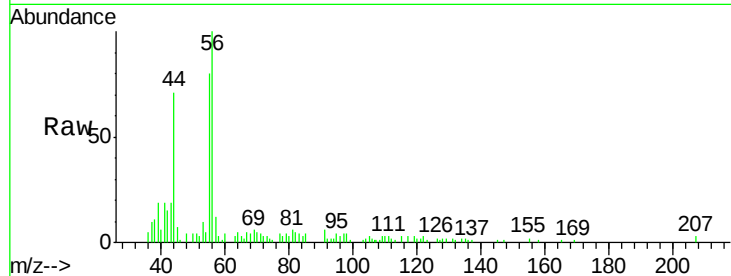
55 67.1 57.4 86.2

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#14

Allyl chloride

Concen: 5.587 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

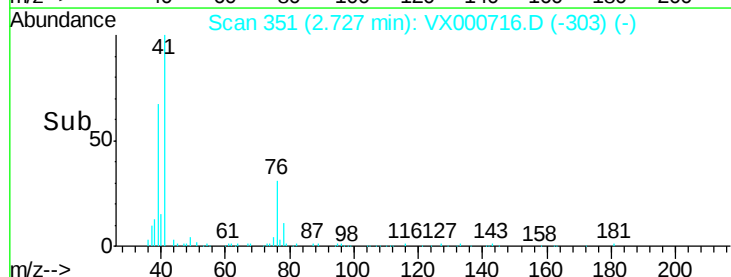
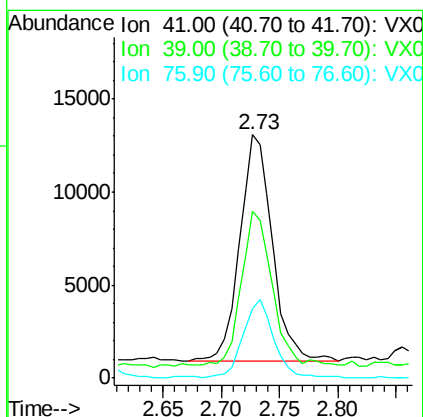
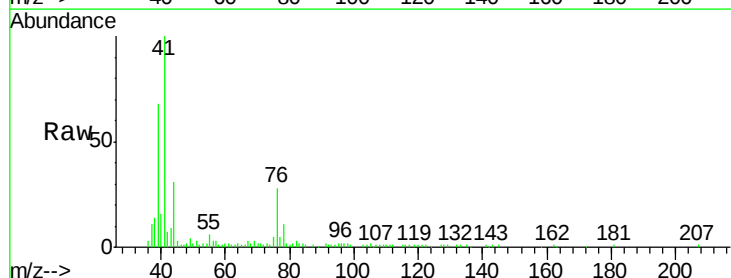
Tgt Ion: 41 Resp: 23866

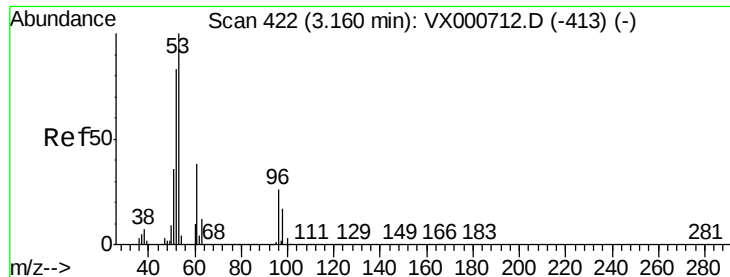
Ion Ratio Lower Upper

41 100

39 68.3 52.4 78.6

76 32.8 25.9 38.9





#15

Acrylonitrile

Concen: 24.729 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

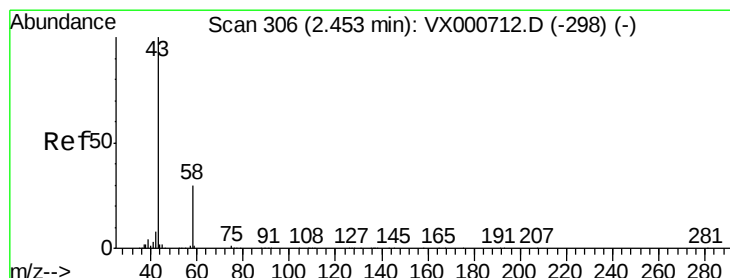
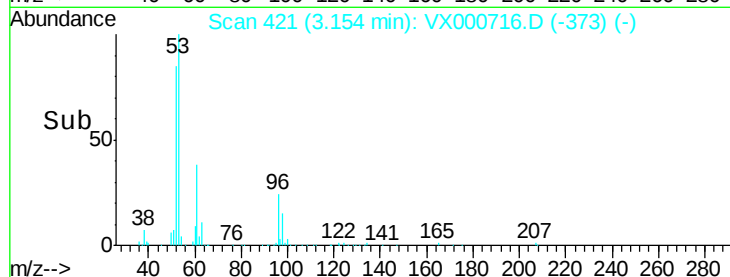
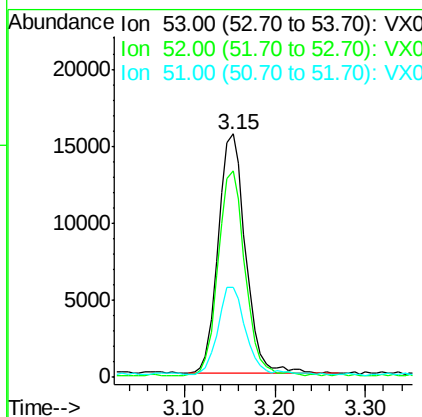
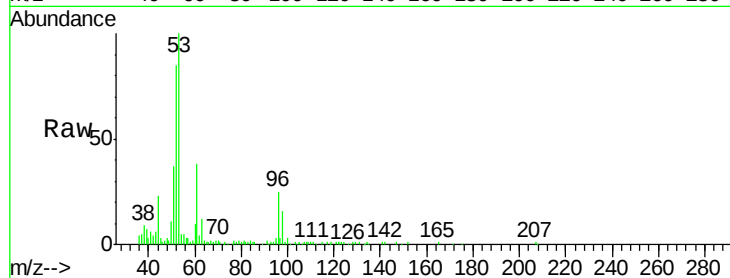
ClientSampleId :

VSTDIC005

Tgt Ion:	53	Resp:	32745
Ion	Ratio	Lower	Upper
53	100		
52	84.8	66.1	99.1
51	36.0	29.1	43.7

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#16

Acetone

Concen: 26.727 ug/l

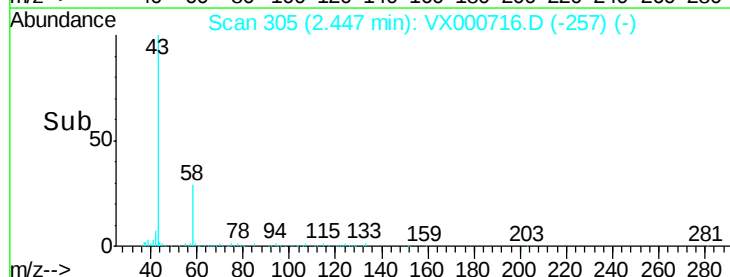
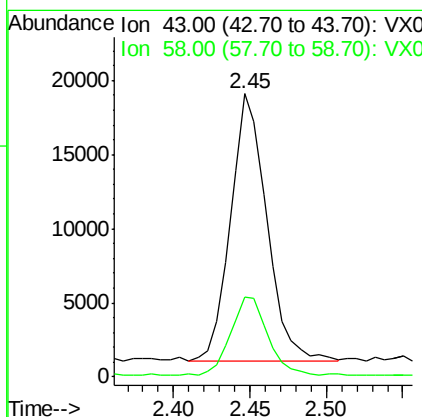
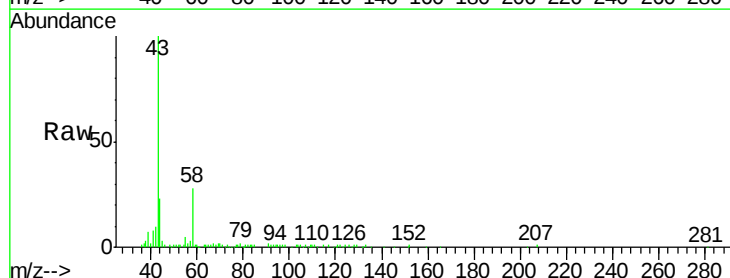
RT: 2.45 min Scan# 305

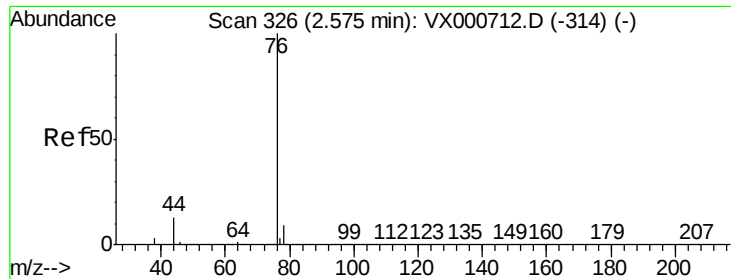
Delta R.T. -0.01 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Tgt Ion:	43	Resp:	29707
Ion	Ratio	Lower	Upper
43	100		
58	28.9	24.0	36.0





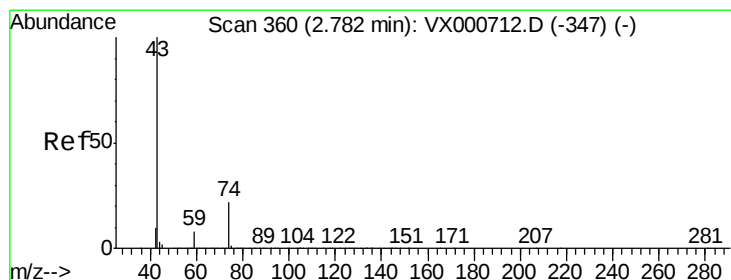
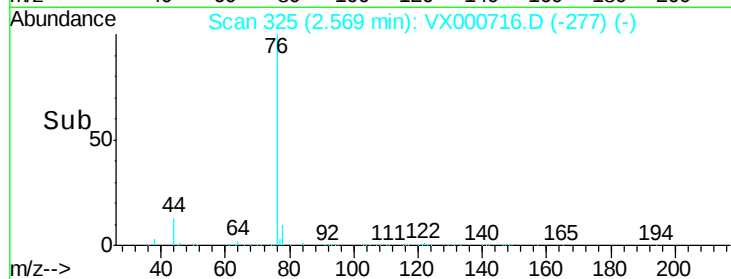
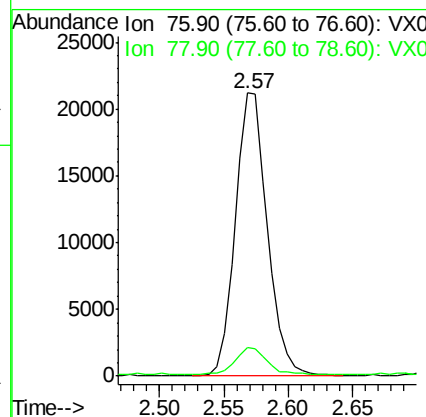
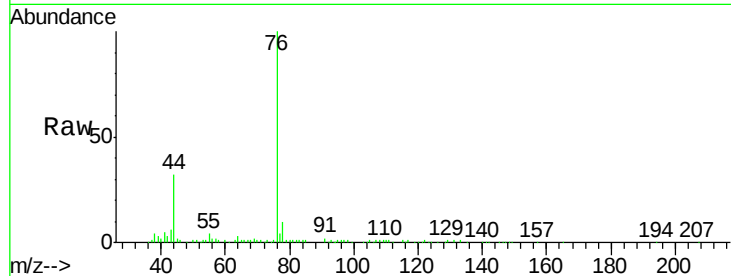
#17
Carbon Disulfide
Concen: 7.215 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.1	10.7

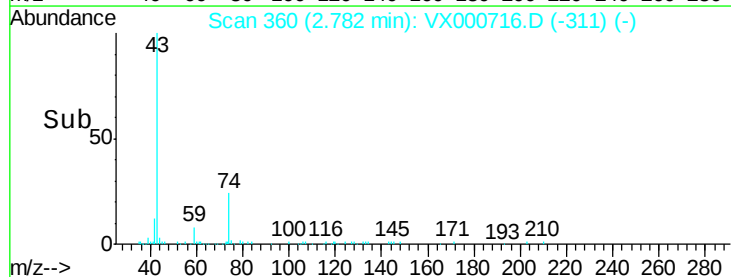
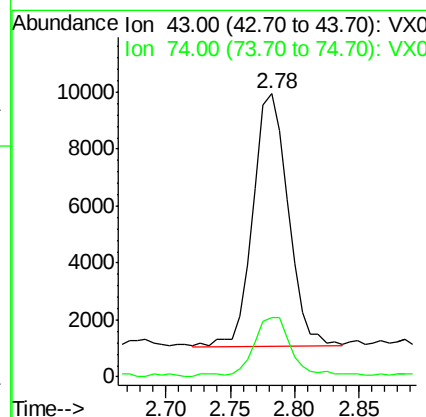
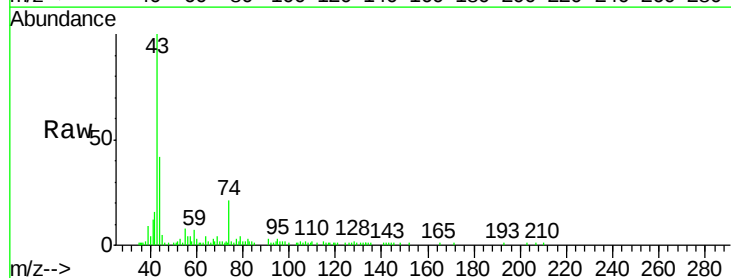
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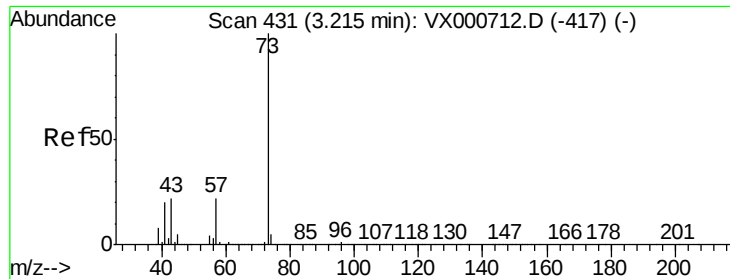
sam
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#18
Methyl Acetate
Concen: 4.698 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.0	28.6





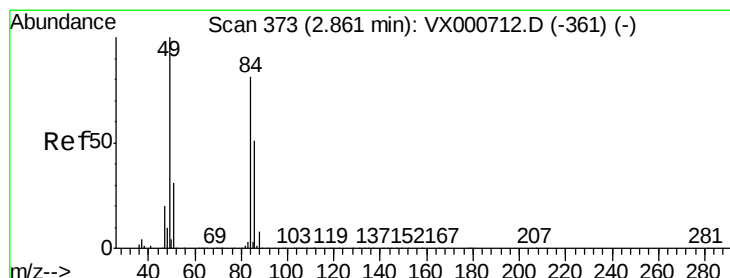
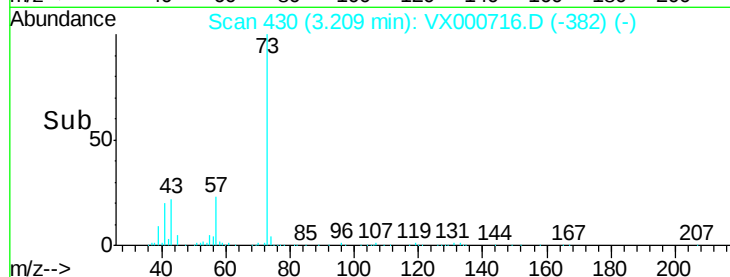
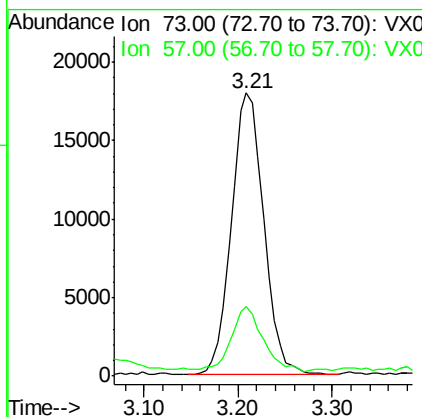
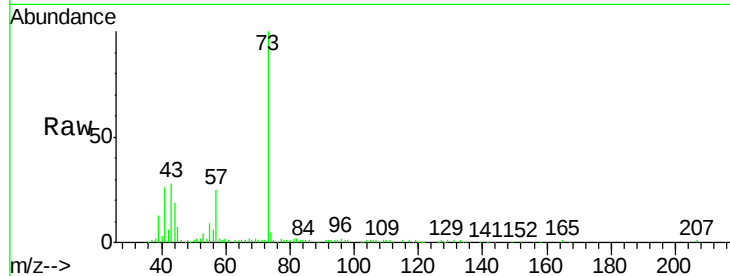
#19
Methyl tert-butyl Ether
Concen: 5.201 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 42977
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9

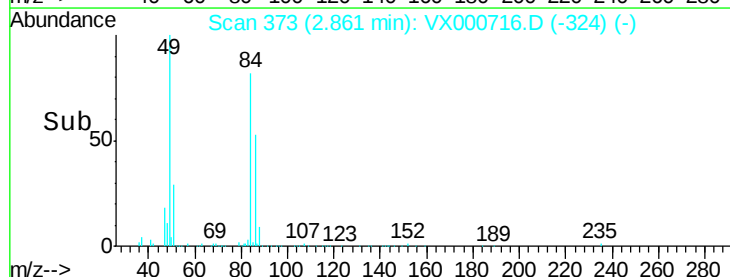
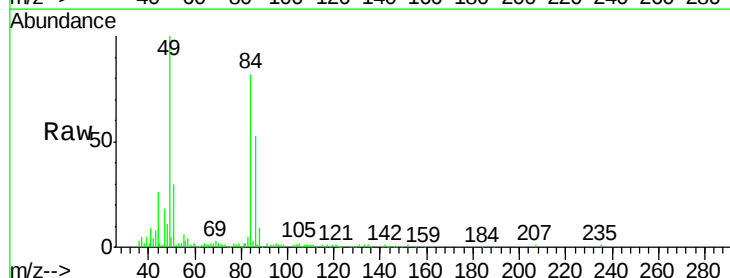
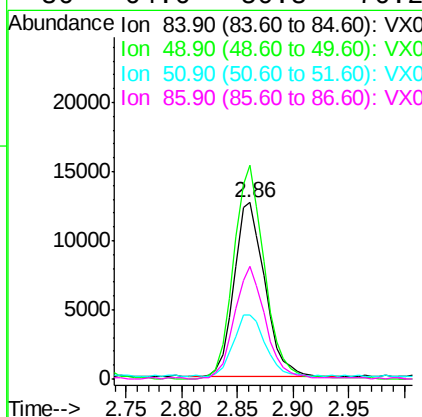
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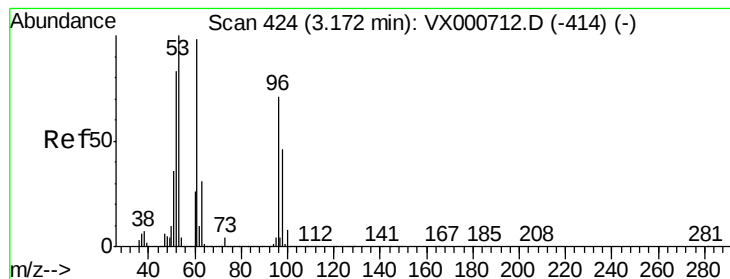
sam
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#20
Methylene Chloride
Concen: 9.844 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Tgt Ion: 84 Resp: 24049
Ion Ratio Lower Upper
84 100
49 122.9 98.6 148.0
51 35.7 30.8 46.2
86 64.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 5.746 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

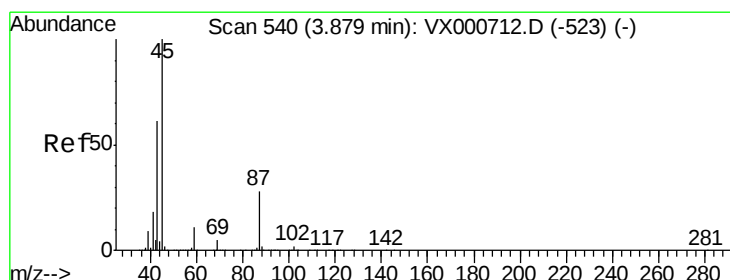
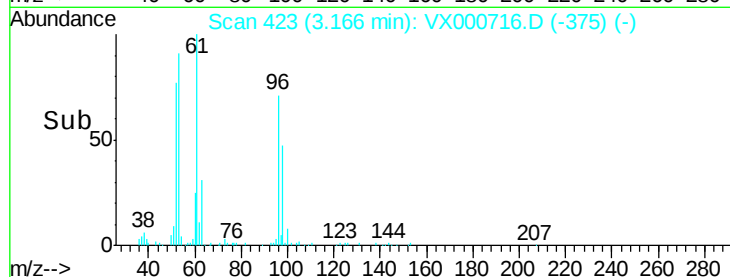
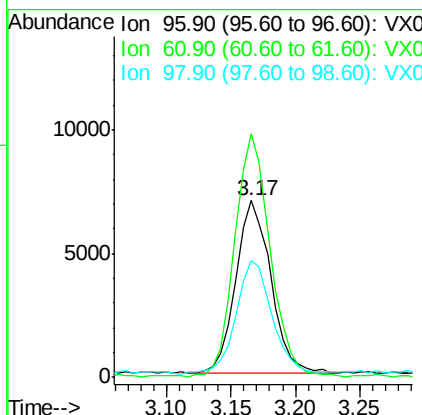
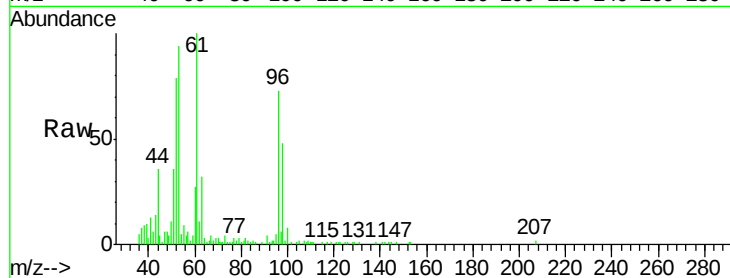
ClientSampleId :

VSTDIC005

Tgt Ion:	96	Resp:	13169
Ion	Ratio	Lower	Upper
96	100		
61	141.0	109.8	164.6
98	64.7	51.5	77.3

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#22

Diisopropyl ether

Concen: 5.103 ug/l

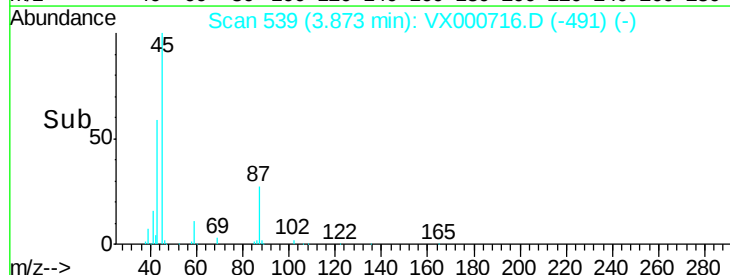
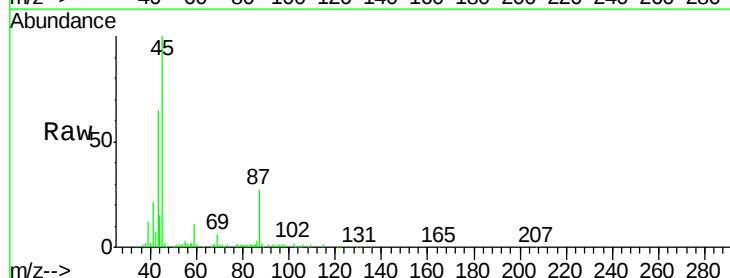
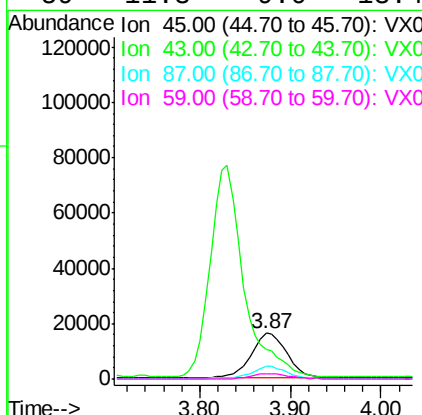
RT: 3.87 min Scan# 539

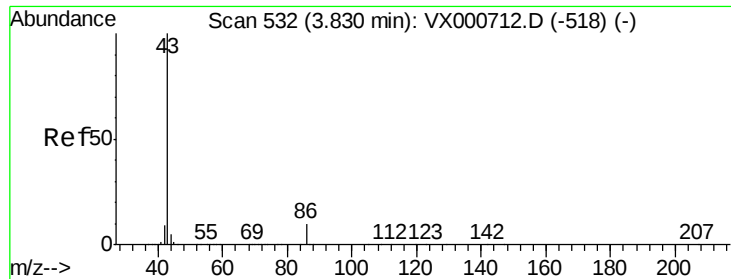
Delta R.T. -0.01 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Tgt Ion:	45	Resp:	44845
Ion	Ratio	Lower	Upper
45	100		
43	60.7	49.2	73.8
87	27.3	22.7	34.1
59	11.3	9.0	13.4





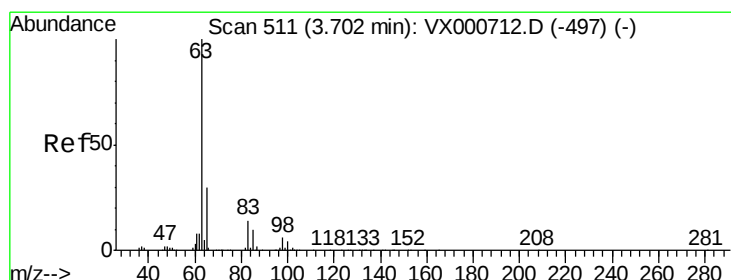
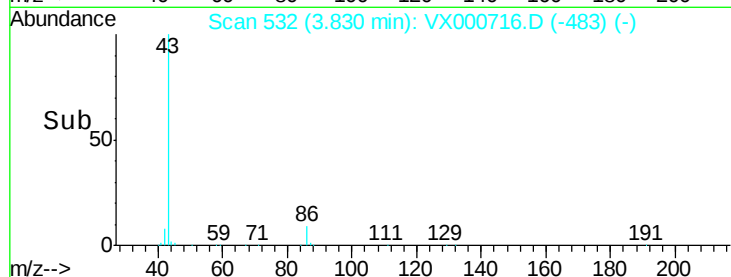
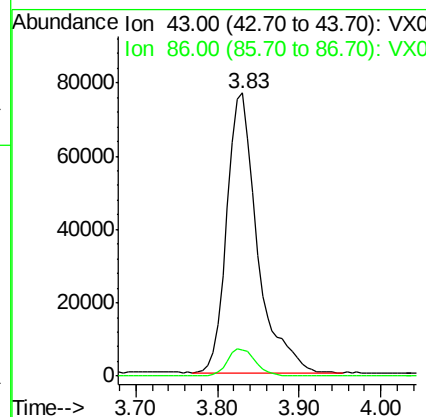
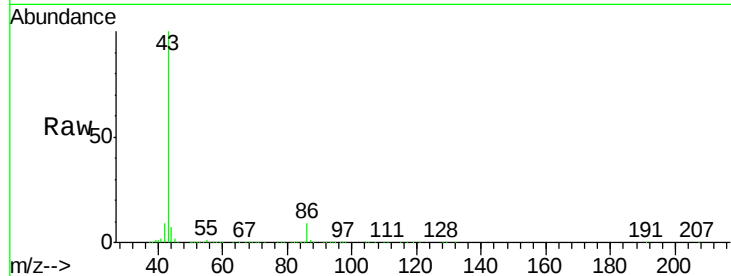
#23
 Vinyl Acetate
 Concen: 25.914 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX000716.D
 Acq: 07 Apr 2018 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
43	100		
86	9.3	8.0	12.0

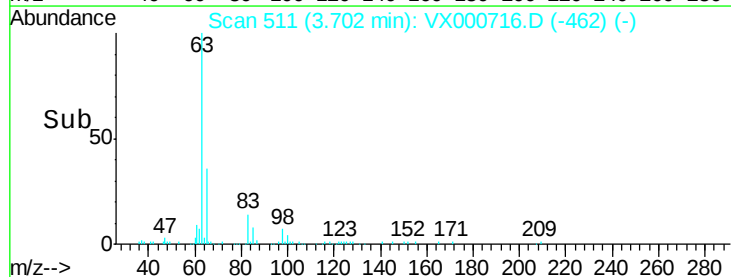
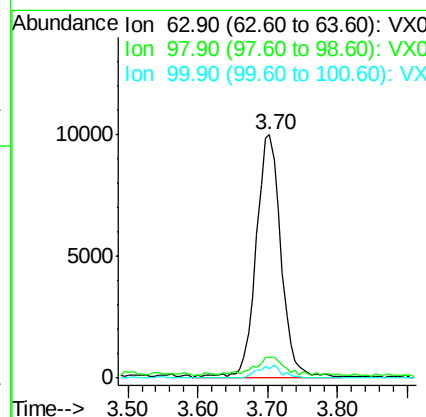
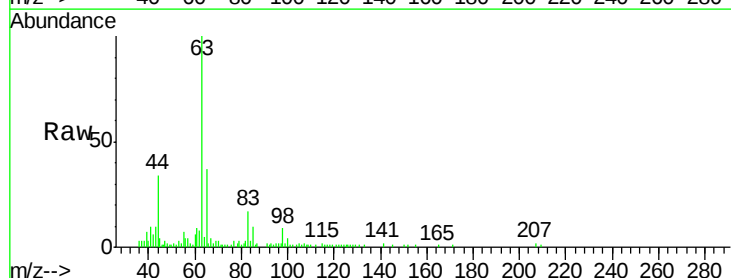
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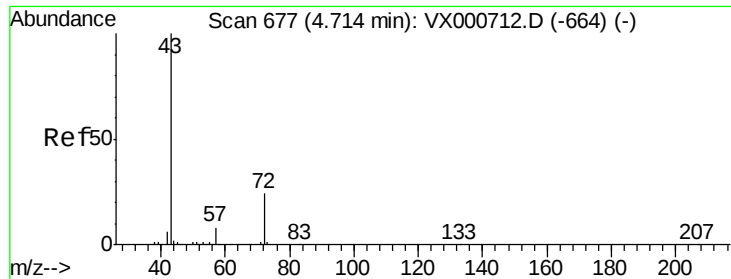
sam
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#24
 1,1-Dichloroethane
 Concen: 5.436 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VX000716.D
 Acq: 07 Apr 2018 15:22

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.6	2.9	8.8
100	3.7	2.1	6.3





#25

2-Butanone

Concen: 25.020 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 51239

Ion Ratio Lower Upper

43 100

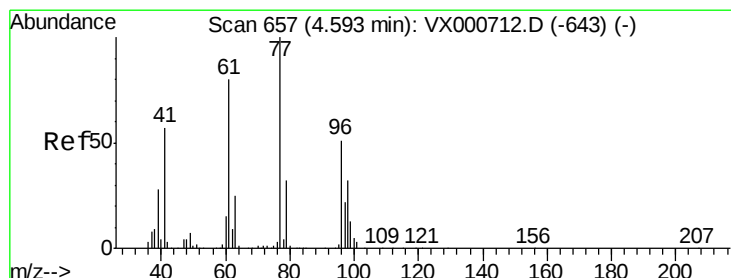
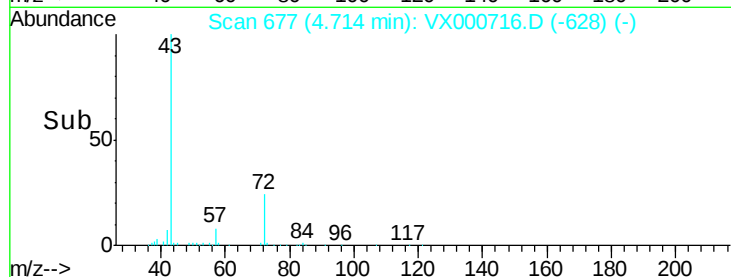
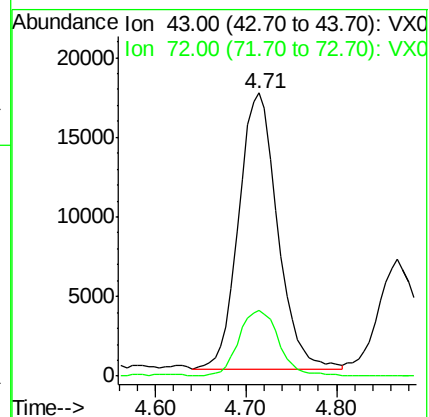
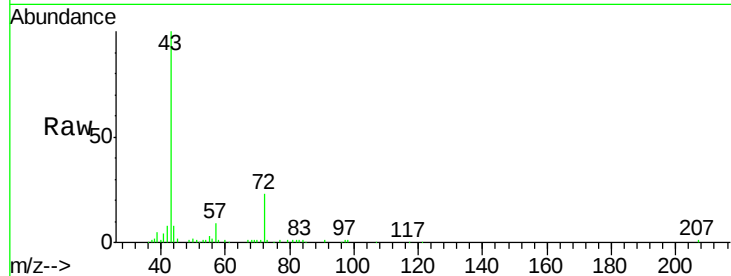
72 24.1 19.0 28.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 5.447 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000716.D

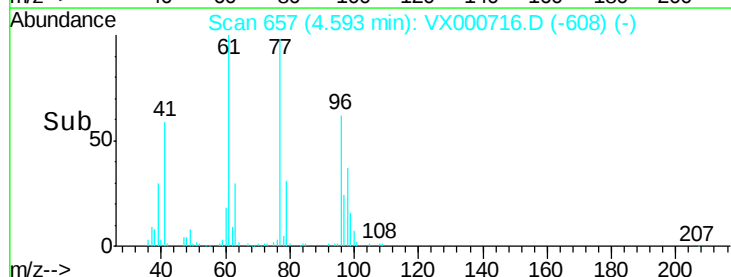
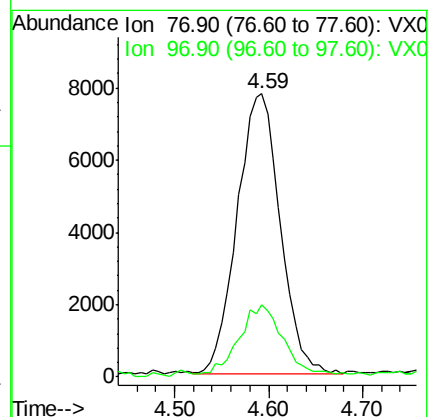
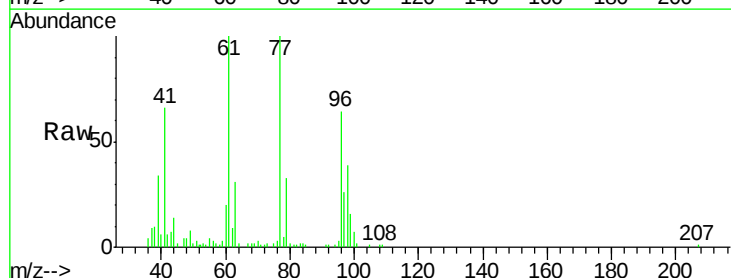
Acq: 07 Apr 2018 15:22

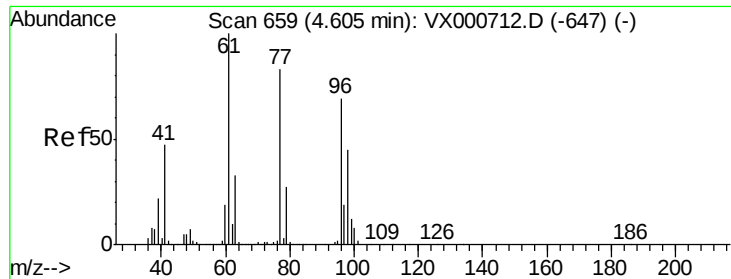
Tgt Ion: 77 Resp: 24759

Ion Ratio Lower Upper

77 100

97 25.1 11.3 33.9





#27

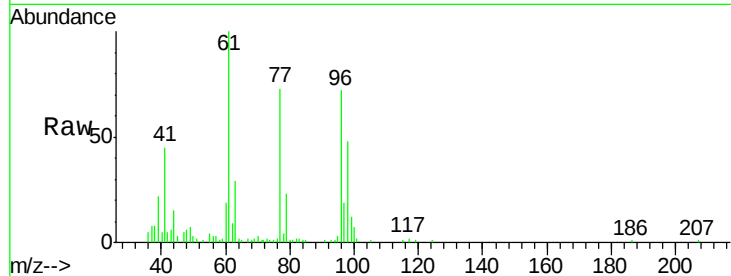
cis-1,2-Dichloroethene
Concen: 5.633 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

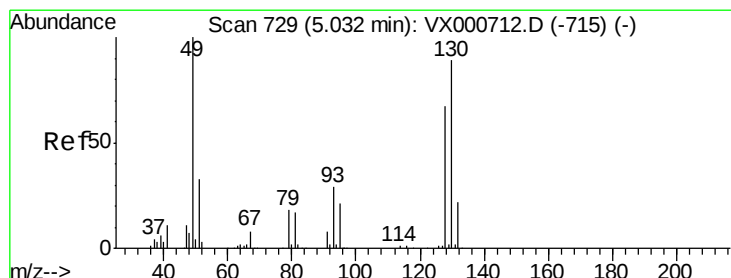
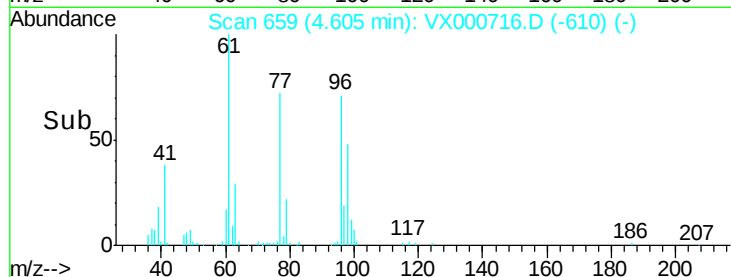
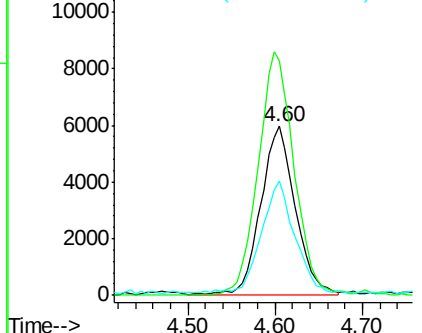
Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	301.0
98	63.2	0.0	129.6

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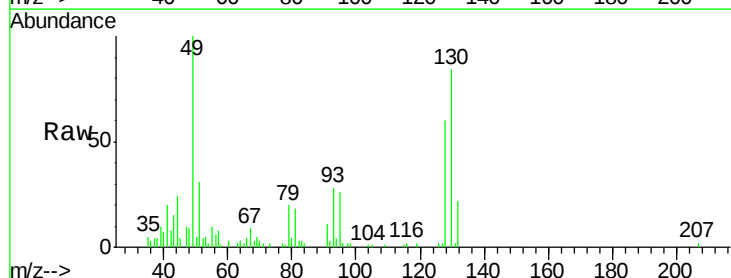
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



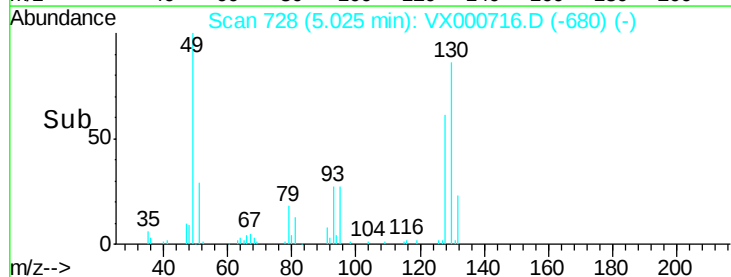
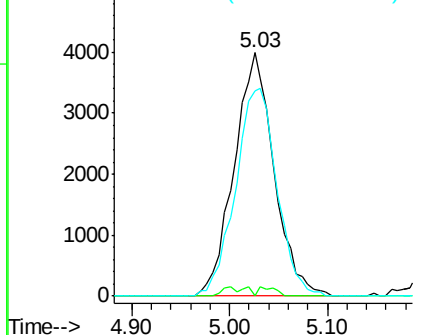
#28

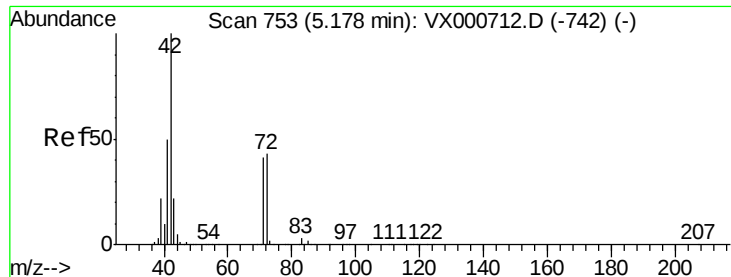
Bromochloromethane
Concen: 5.597 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	5.4
130	88.4	69.0	103.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 24.710 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

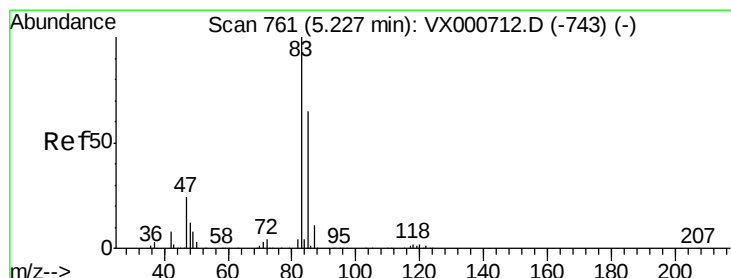
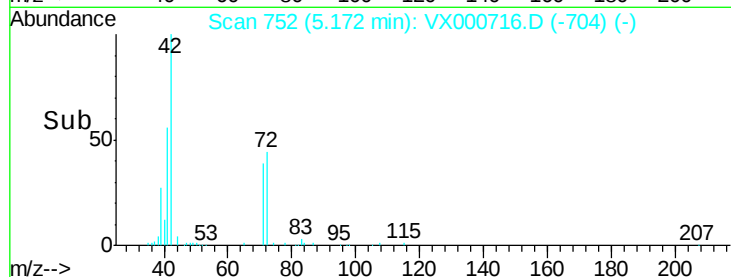
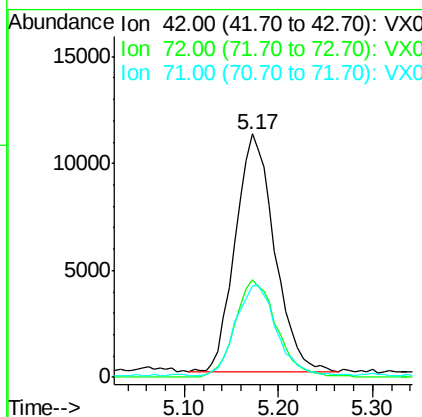
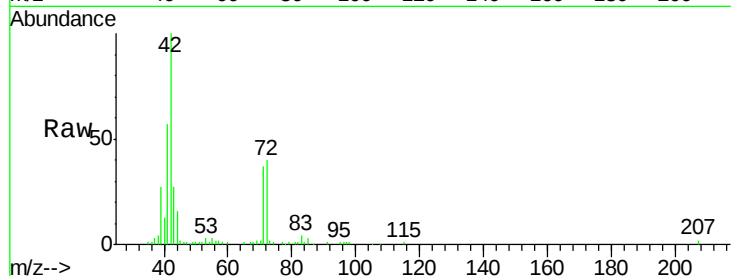
ClientSampled :

VSTDIC005

Tgt Ion:	42	Resp:	32282
Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.4	51.6
71	40.8	32.0	48.0

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#30

Chloroform

Concen: 5.312 ug/l

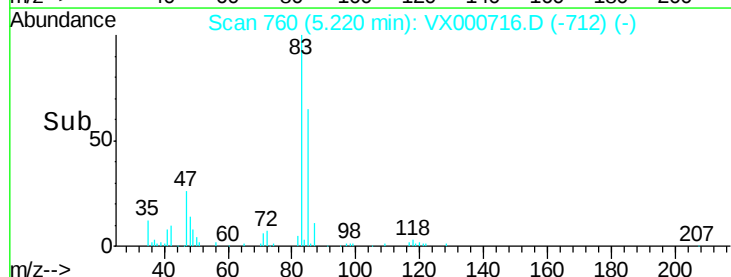
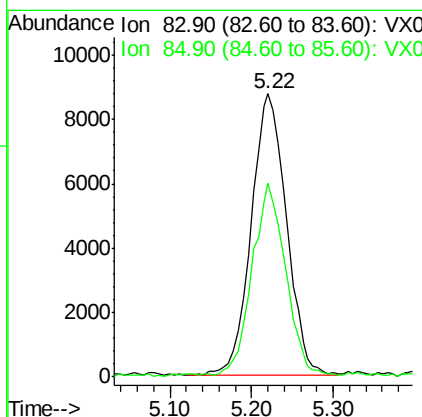
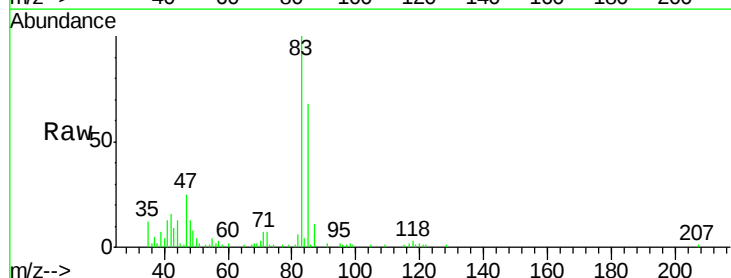
RT: 5.22 min Scan# 760

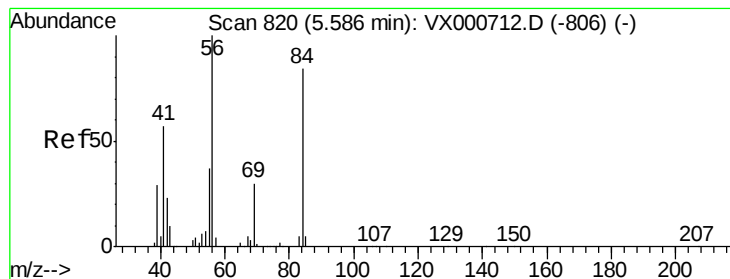
Delta R.T. -0.01 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Tgt Ion:	83	Resp:	26120
Ion	Ratio	Lower	Upper
83	100		
85	68.0	52.3	78.5





#31

Cyclohexane

Concen: 6.231 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

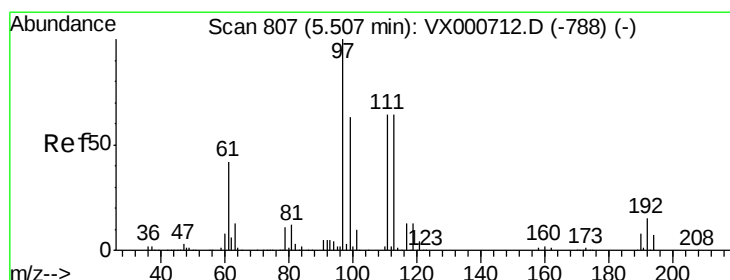
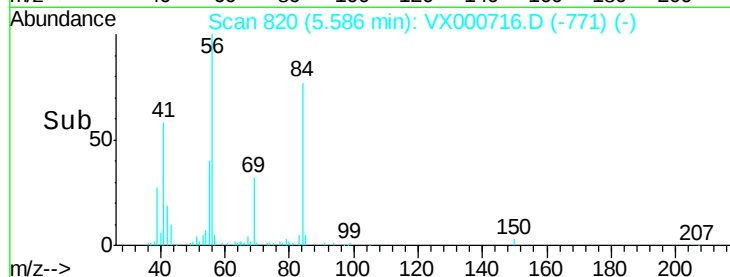
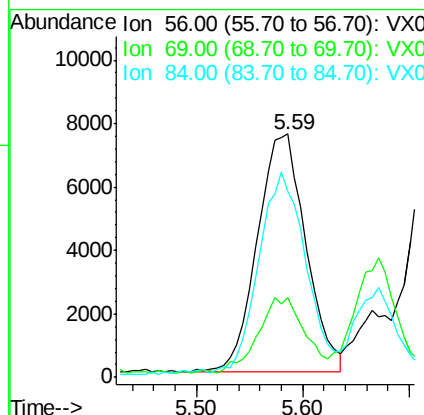
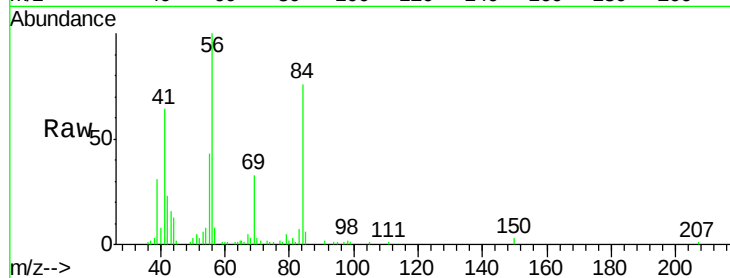
ClientSampleId :

VSTDIC005

Tgt Ion:	56	Resp:	23801
Ion Ratio	Lower	Upper	
56	100		
69	32.0	23.8	35.6
84	75.6	67.4	101.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 5.457 ug/l

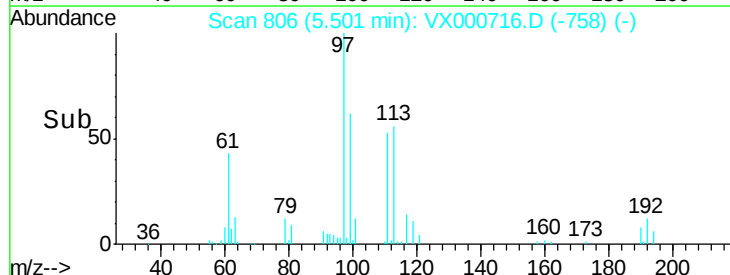
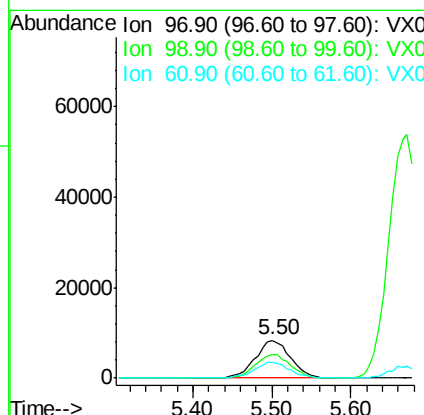
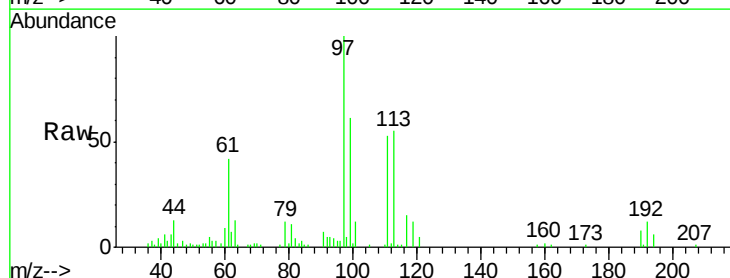
RT: 5.50 min Scan# 806

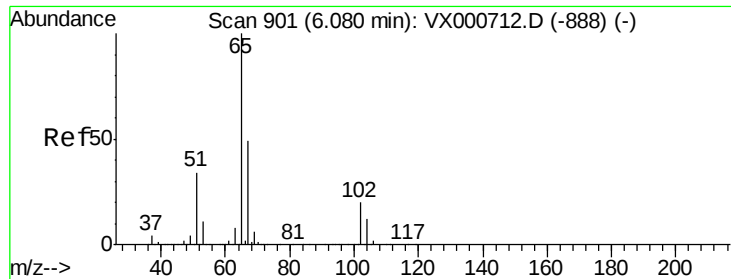
Delta R.T. -0.01 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Tgt Ion:	97	Resp:	25570
Ion Ratio	Lower	Upper	
97	100		
99	63.7	51.4	77.2
61	42.2	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 5.070 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 17946

Ion Ratio Lower Upper

65 100

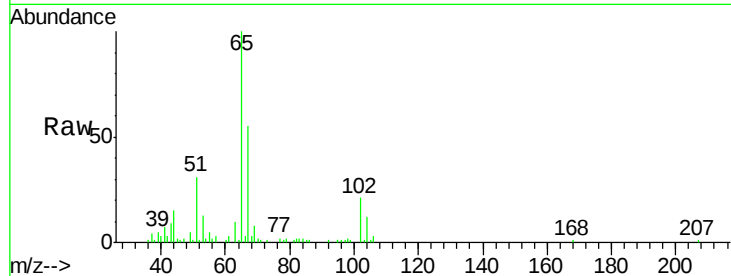
67 51.2 0.0 102.6

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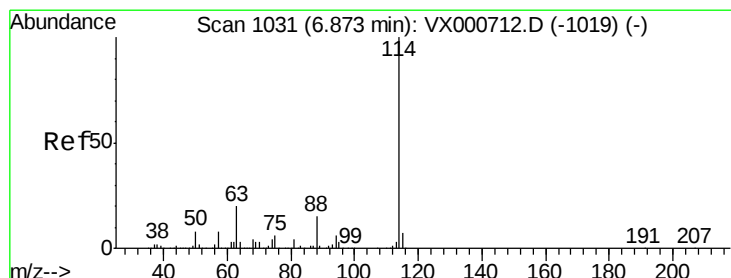
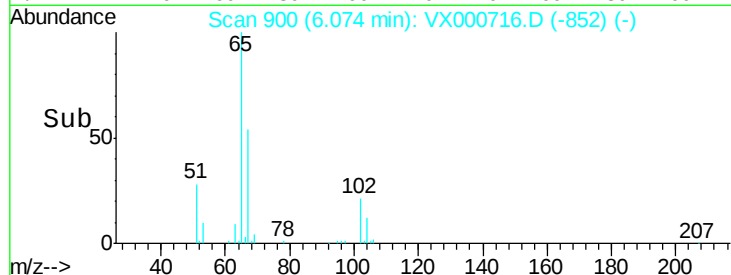
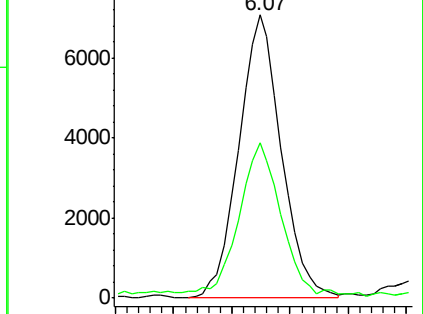
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

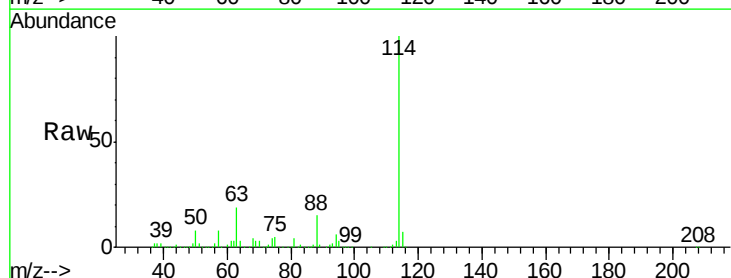
Tgt Ion: 114 Resp: 435344

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

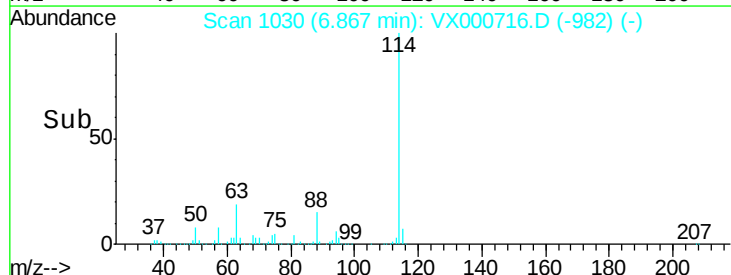
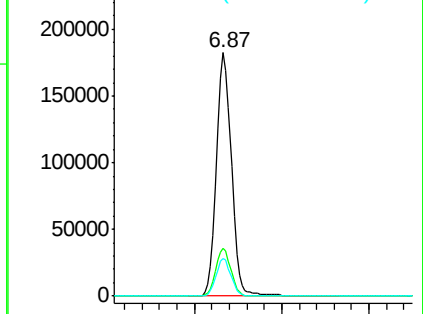
88 15.5 0.0 30.6

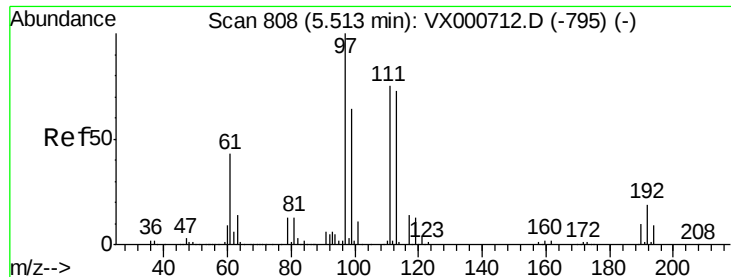


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 4.773 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

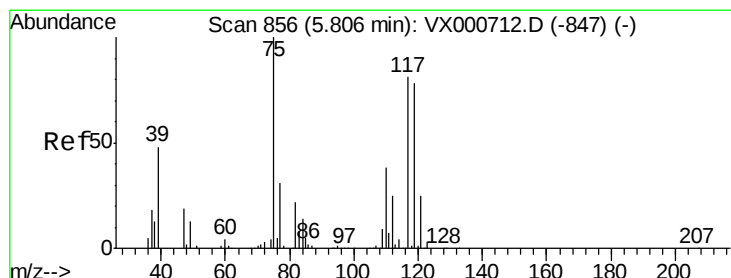
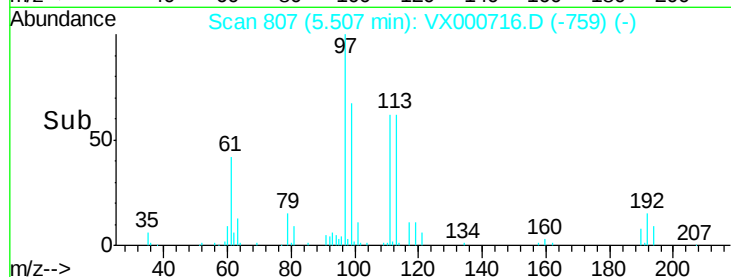
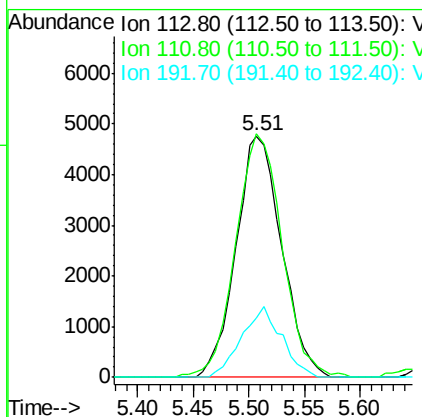
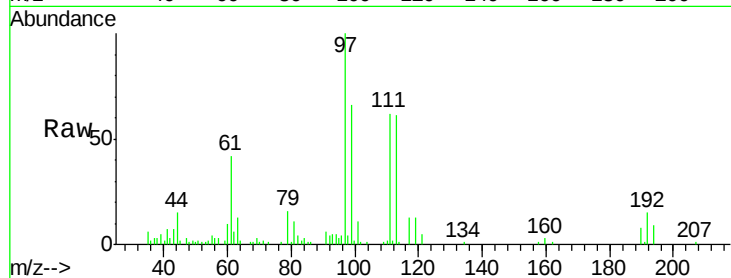
ClientSampleId :

VSTDIC005

Tgt Ion:	113	Resp:	13571
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.5	122.3
192	25.6	20.0	30.0

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#36

1,1-Dichloropropene

Concen: 6.070 ug/l

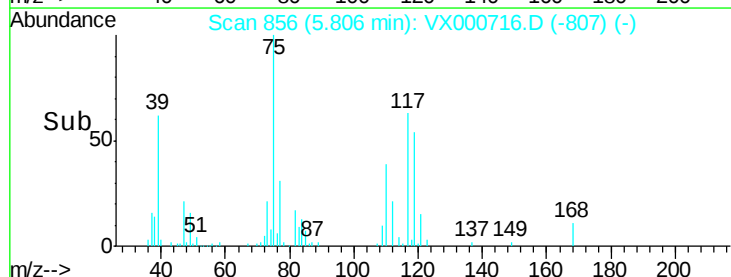
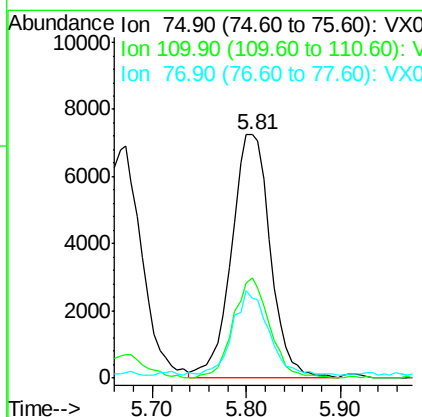
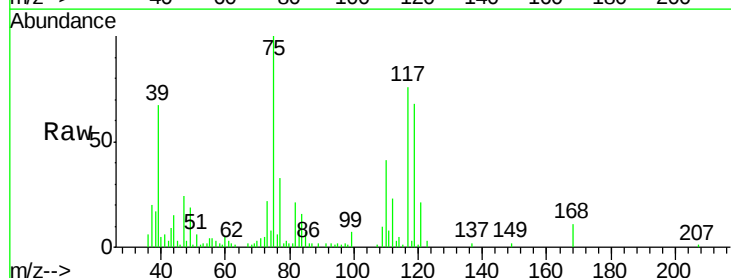
RT: 5.81 min Scan# 856

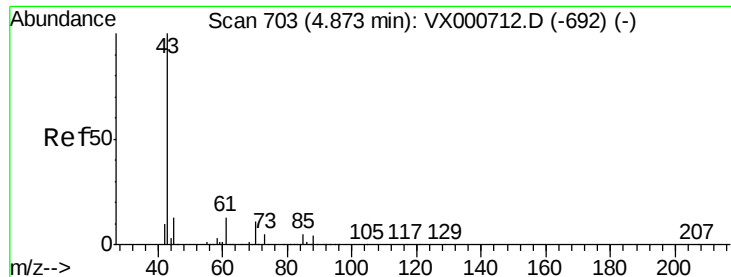
Delta R.T. 0.00 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Tgt Ion:	75	Resp:	20932
Ion Ratio	Lower	Upper	
75	100		
110	38.7	18.6	56.0
77	32.5	24.6	37.0





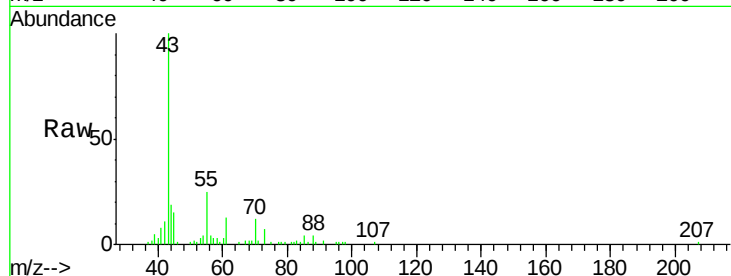
#37
Ethyl Acetate
Concen: 5.241 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

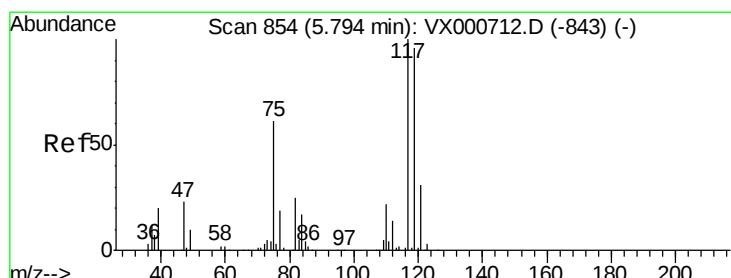
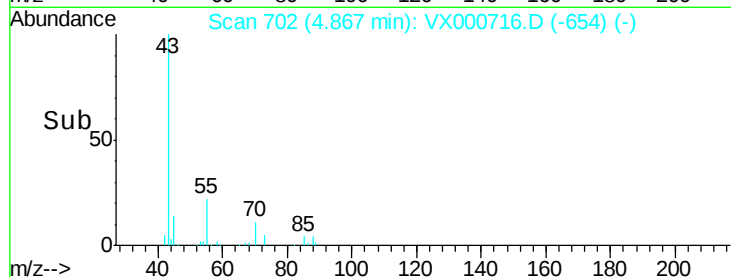
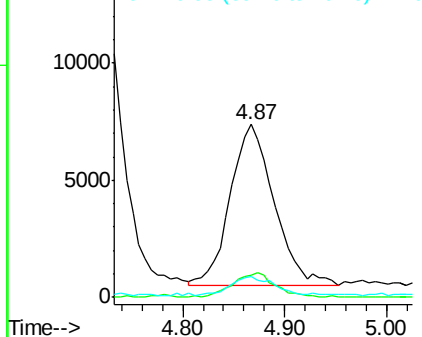
Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.5	15.7
70	11.1	8.4	12.6

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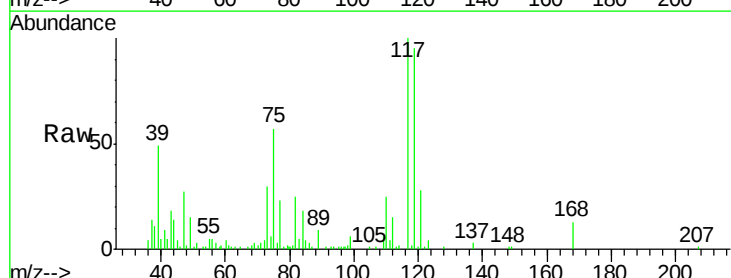


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

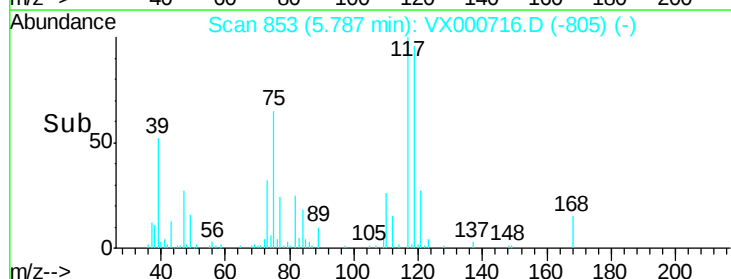
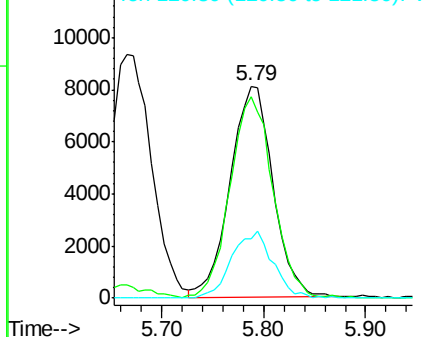


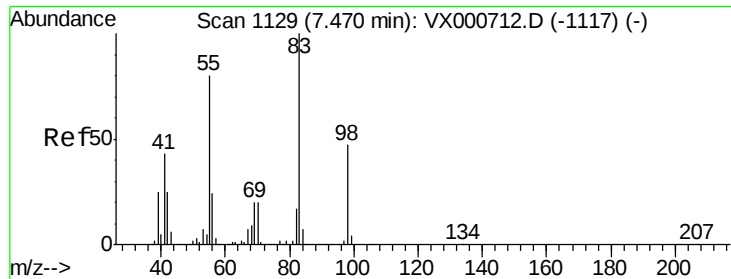
#38
Carbon Tetrachloride
Concen: 5.623 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.7	115.1
121	27.9	24.7	37.1



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





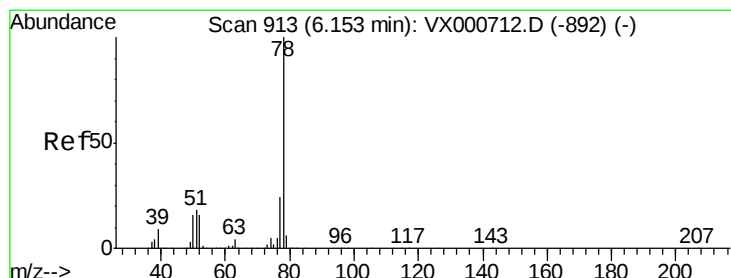
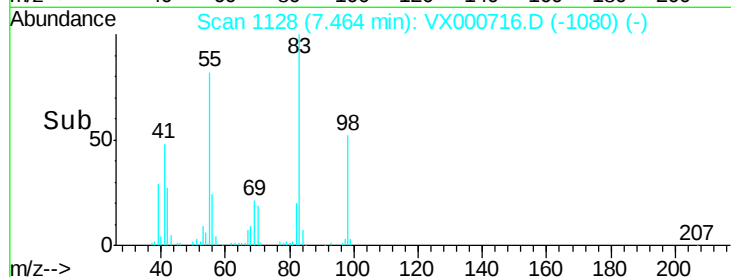
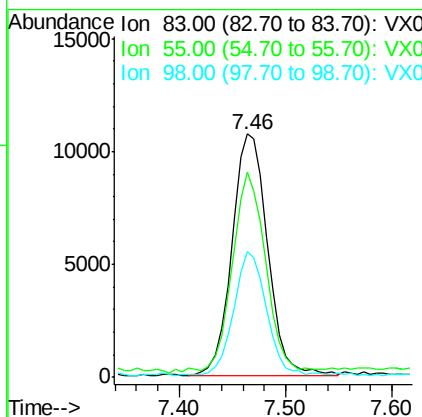
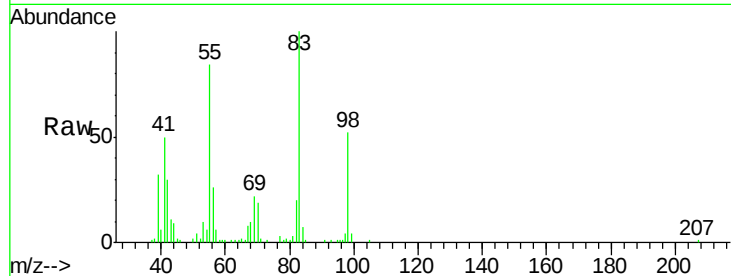
#39
Methylcyclohexane
Concen: 6.314 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
83	100		
55	82.0	63.7	95.5
98	51.2	37.2	55.8

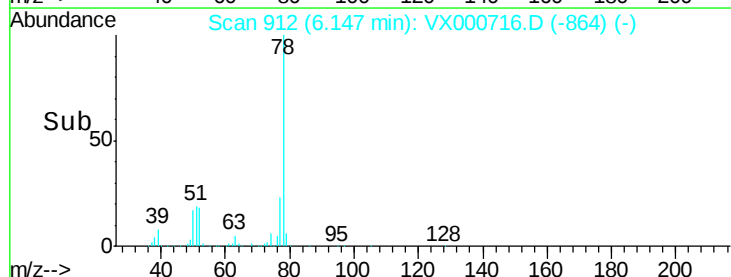
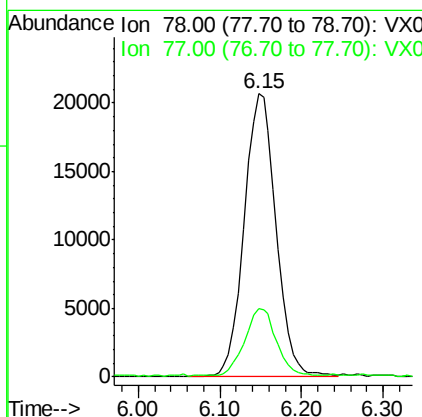
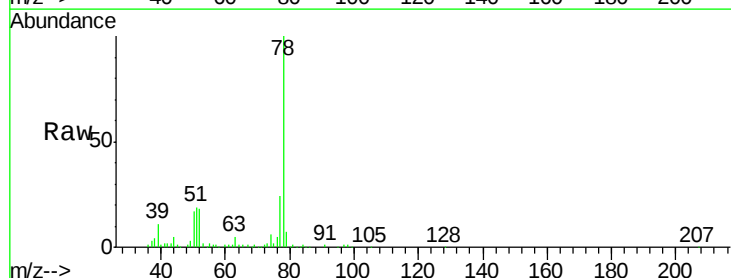
Manual Integrations
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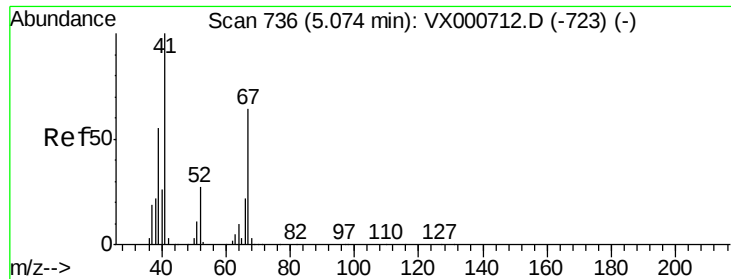
sam
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#40
Benzene
Concen: 5.597 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





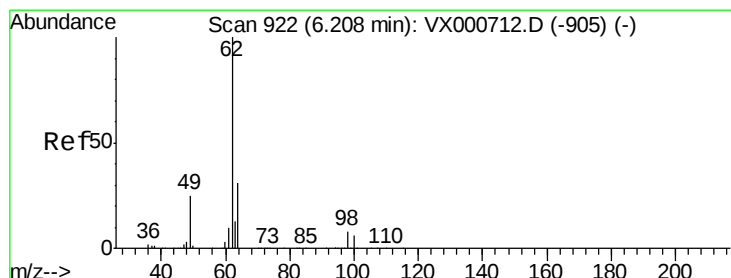
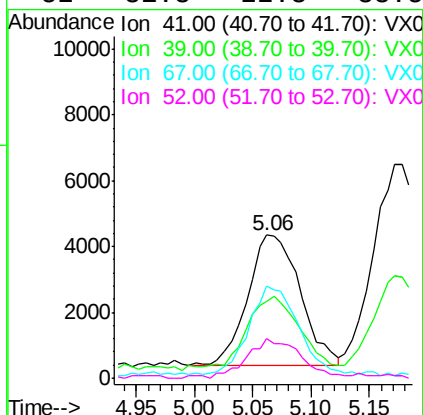
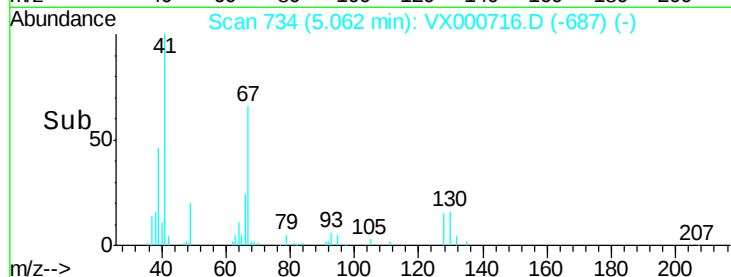
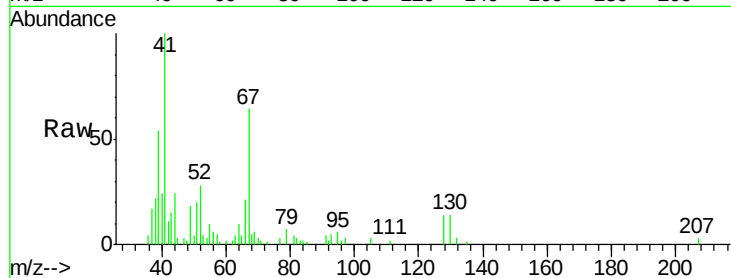
#41
Methacrylonitrile
Concen: 5.381 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.7	45.3	67.9
67	63.3	52.7	79.1
52	31.3	22.3	33.5

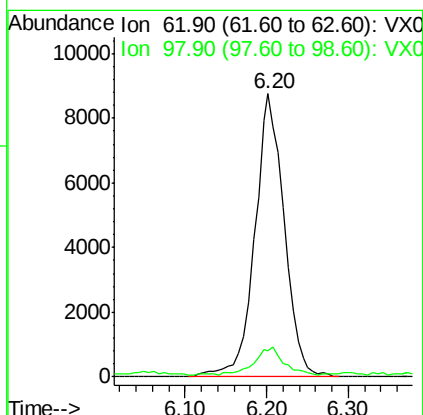
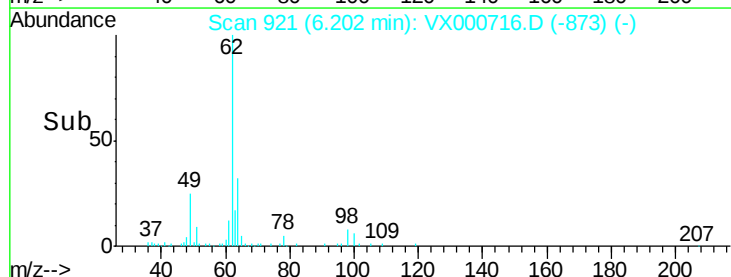
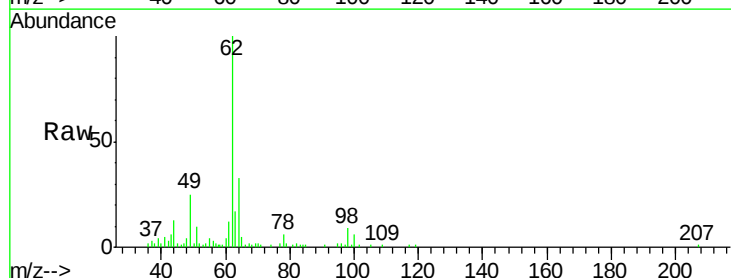
Manual Integrations
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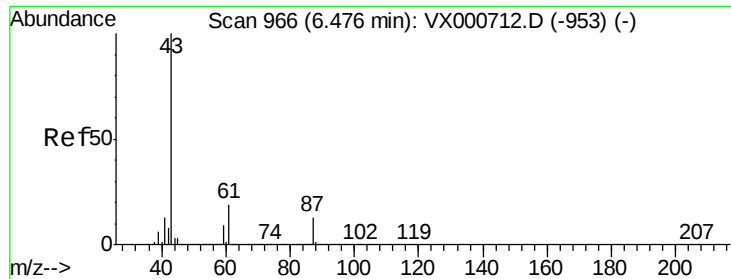
sam
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#42
1,2-Dichloroethane
Concen: 5.507 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	17.2





#43

Isopropyl Acetate

Concen: 5.184 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

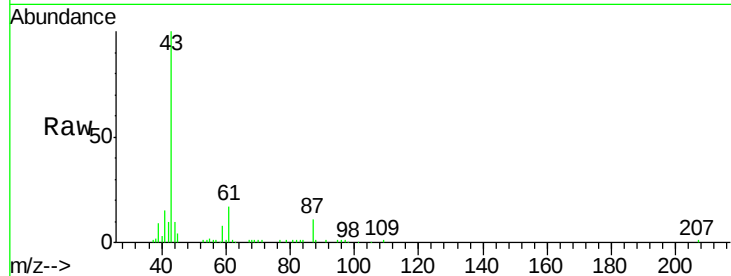
ClientSampleId :

VSTDIC005

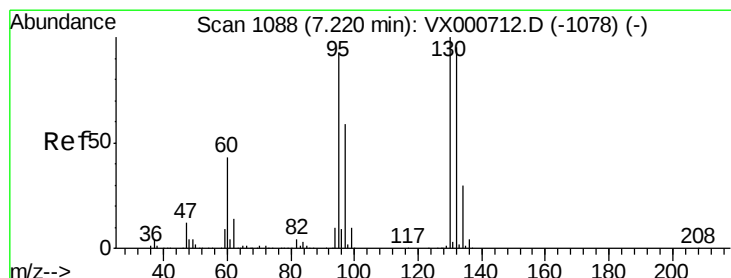
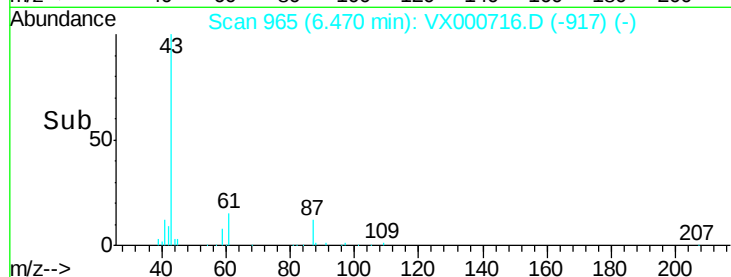
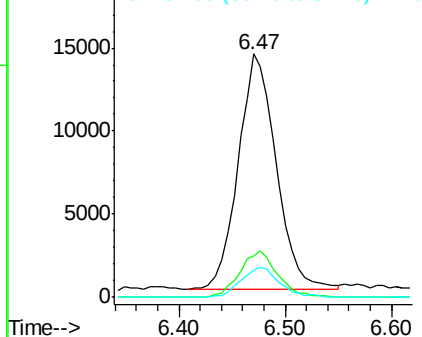
Tgt Ion:	43	Resp:	35642
Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.4	23.0
87	13.1	10.4	15.6

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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 5.564 ug/l

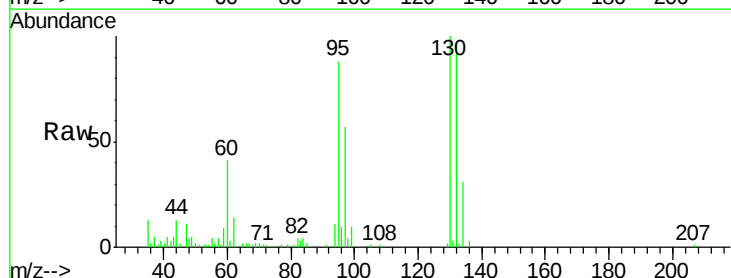
RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

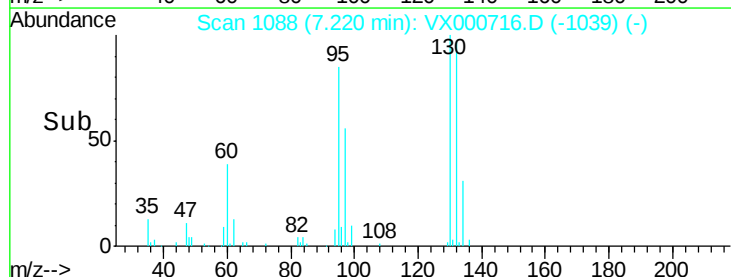
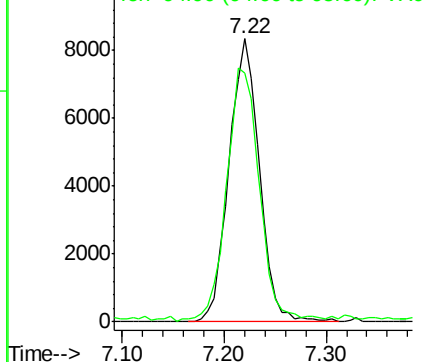
Lab File: VX000716.D

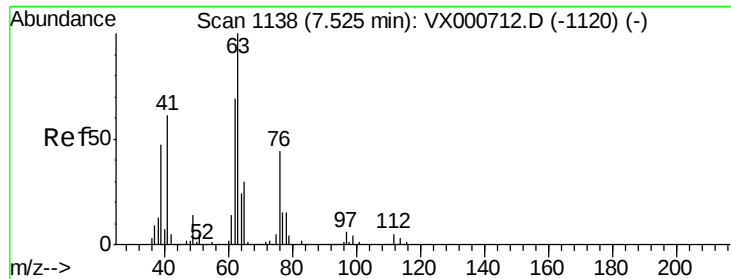
Acq: 07 Apr 2018 15:22

Tgt Ion:	130	Resp:	17210
Ion	Ratio	Lower	Upper
130	100		
95	87.0	0.0	185.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





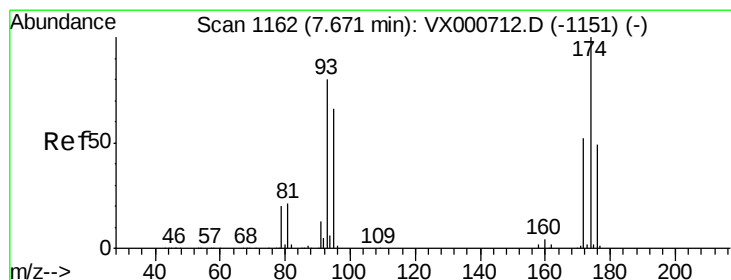
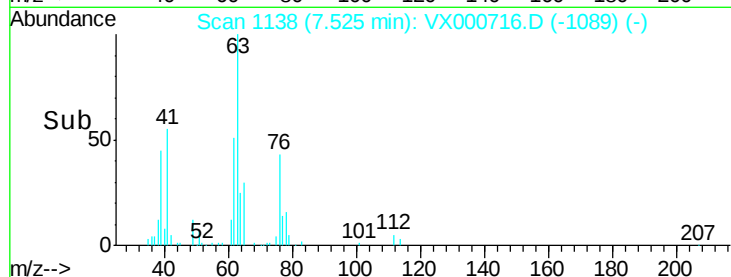
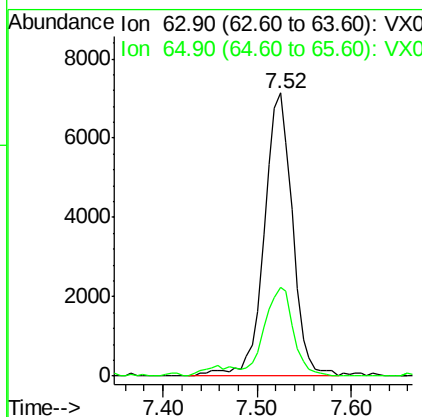
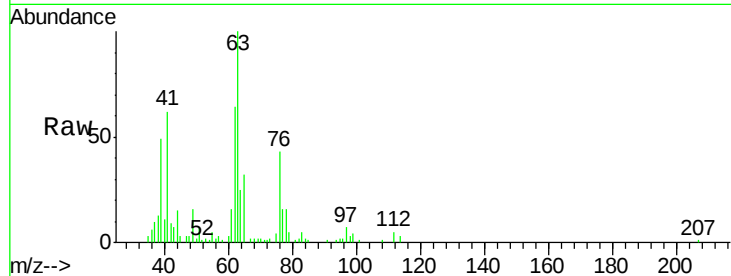
#45
 1,2-Dichloropropane
 Concen: 5.531 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000716.D
 Acq: 07 Apr 2018 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 63 Resp: 14994
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.2 36.2

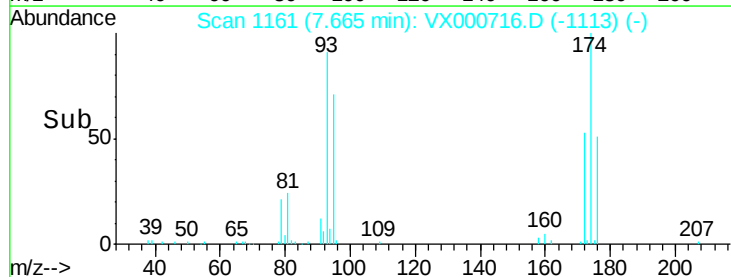
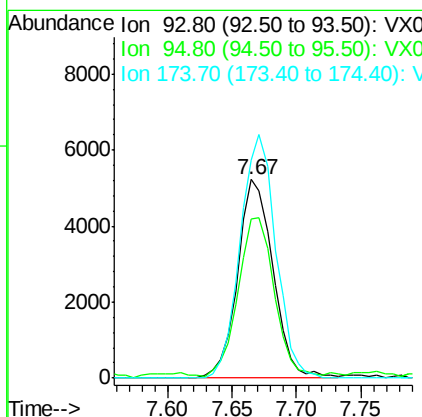
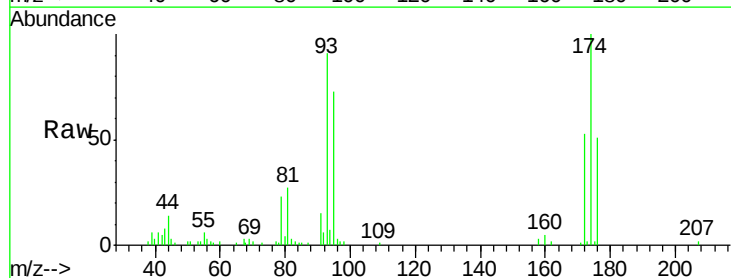
Manual Integrations
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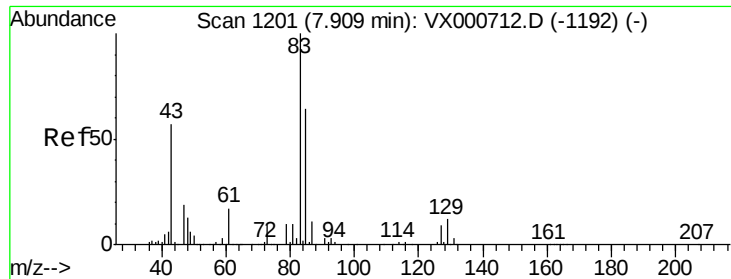
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#46
 Dibromomethane
 Concen: 5.394 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX000716.D
 Acq: 07 Apr 2018 15:22

Tgt Ion: 93 Resp: 10024
 Ion Ratio Lower Upper
 93 100
 95 80.9 66.0 99.0
 174 121.6 100.2 150.2





#47

Bromodichloromethane

Concen: 5.246 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

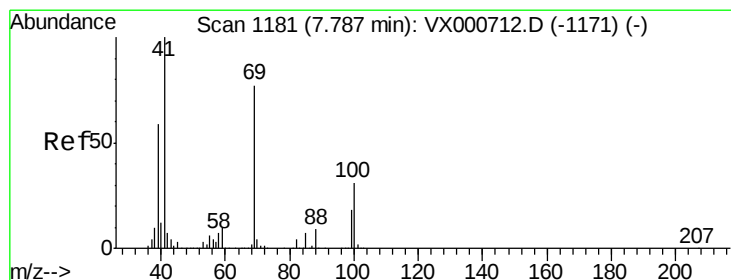
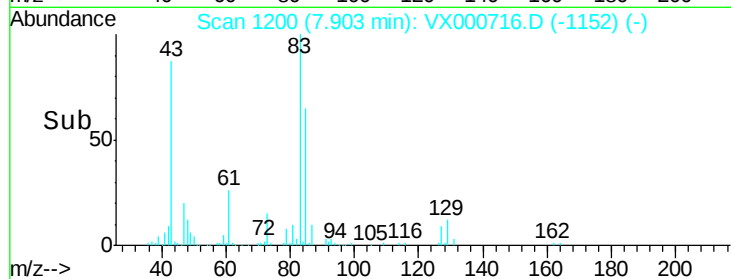
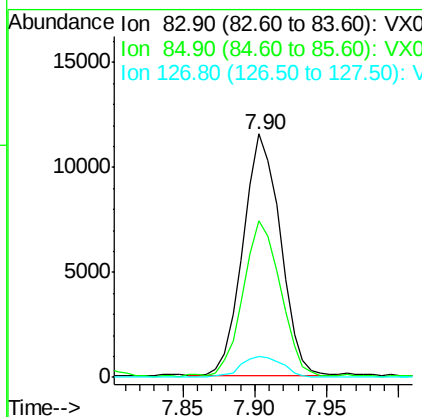
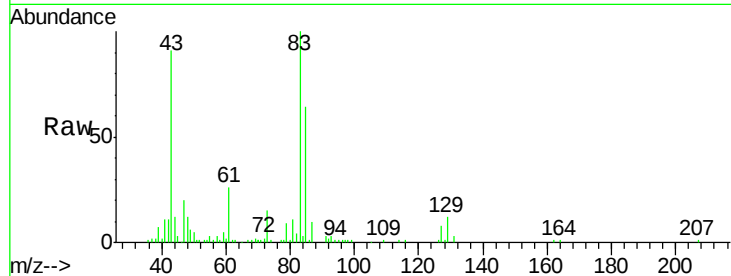
ClientSampleId :

VSTDIC005

Tgt Ion:	83	Resp:	20571
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.0	76.4
127	8.5	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 5.168 ug/l

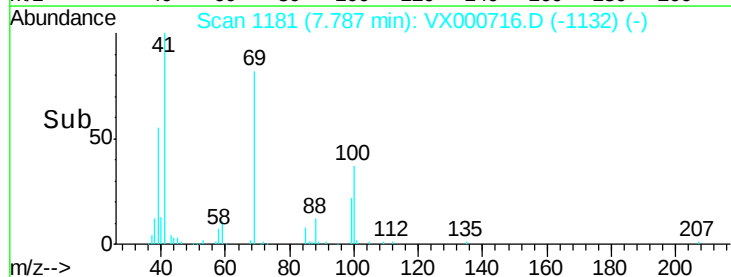
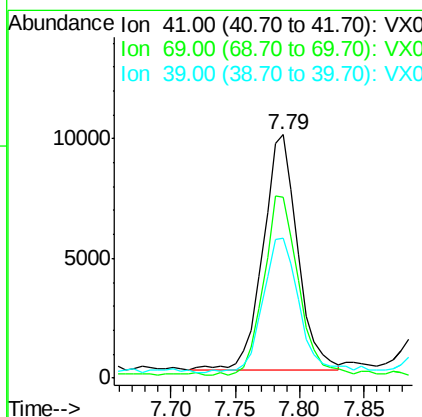
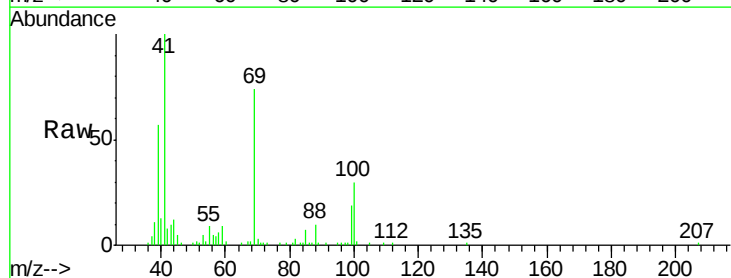
RT: 7.79 min Scan# 1181

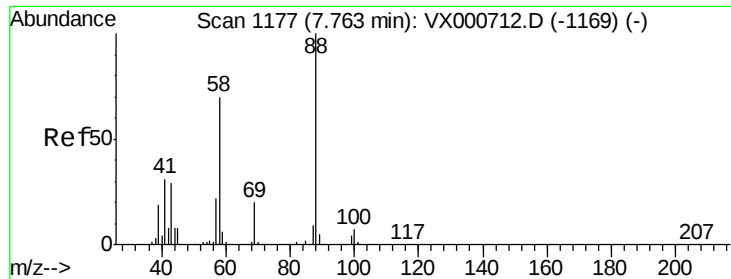
Delta R.T. 0.00 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Tgt Ion:	41	Resp:	18239
Ion	Ratio	Lower	Upper
41	100		
69	76.7	62.0	93.0
39	61.5	47.0	70.4





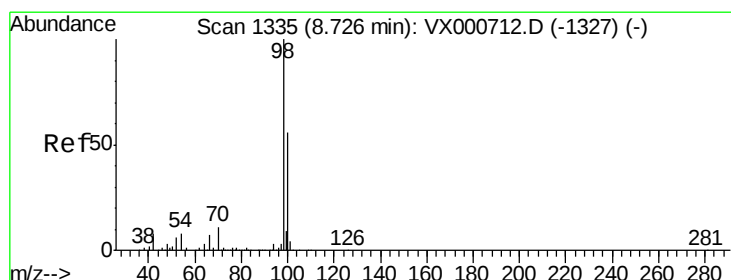
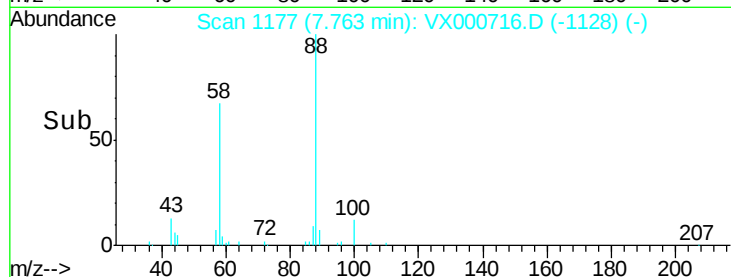
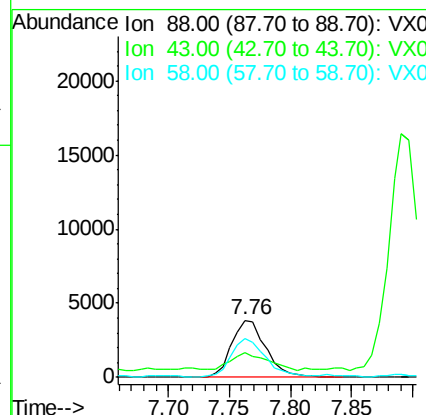
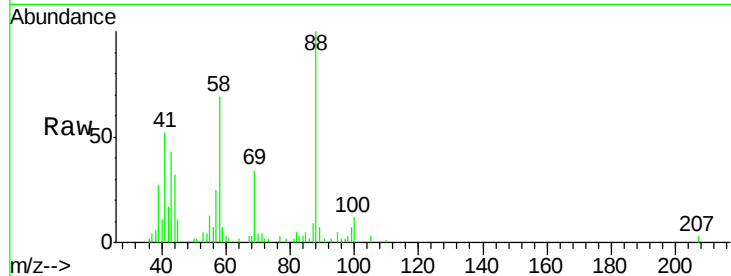
#49
1,4-Dioxane
Concen: 104.087 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.7	27.9	41.9
58	72.5	57.0	85.4

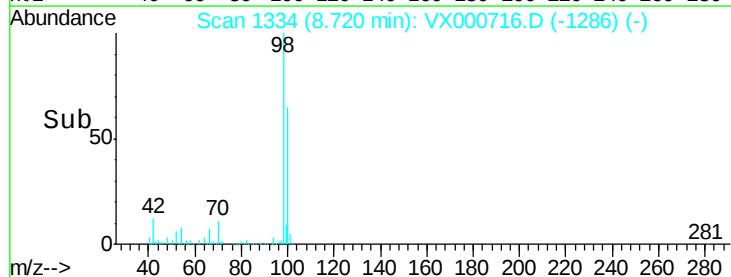
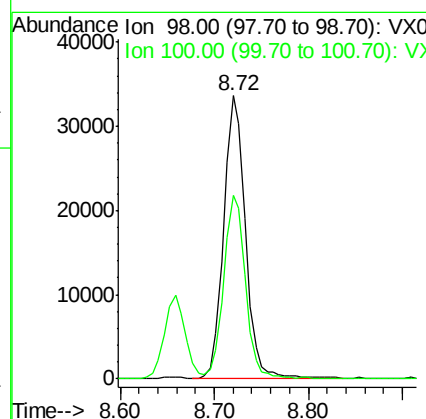
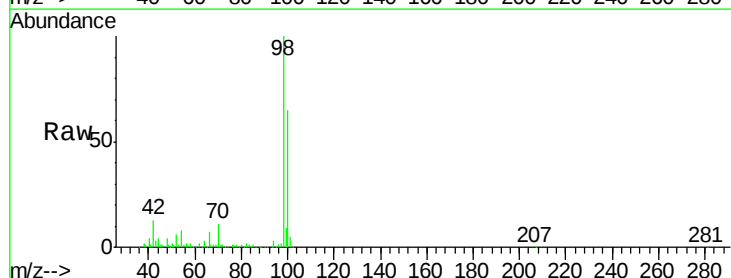
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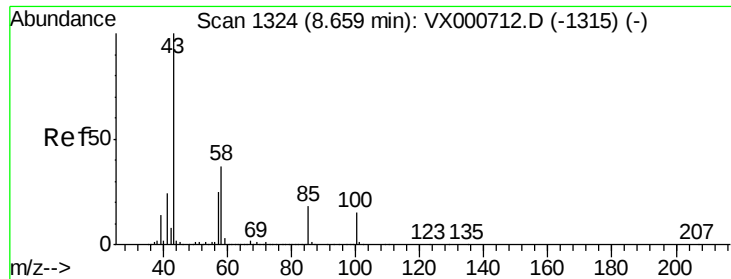
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#50
Toluene-d8
Concen: 5.114 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 25.388 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 103818

Ion Ratio Lower Upper

43 100

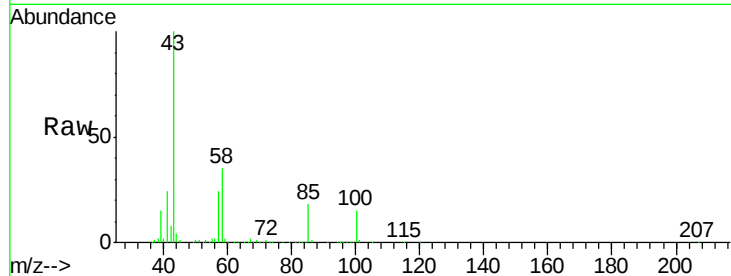
58 37.0 30.6 46.0

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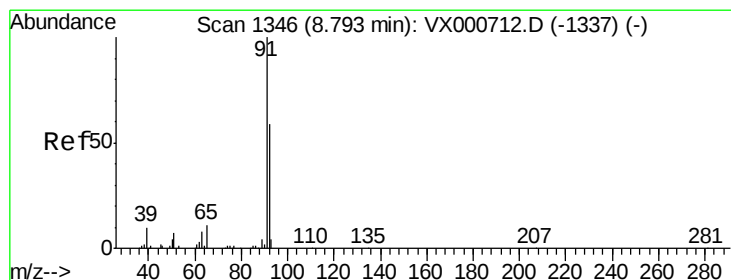
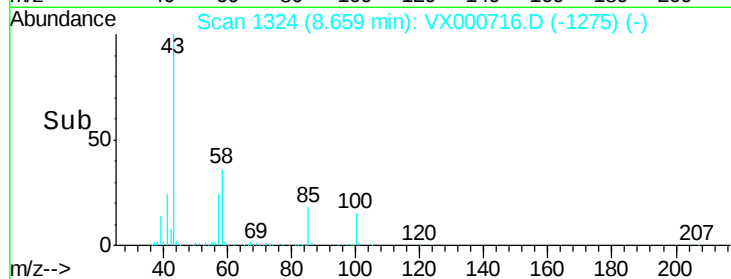
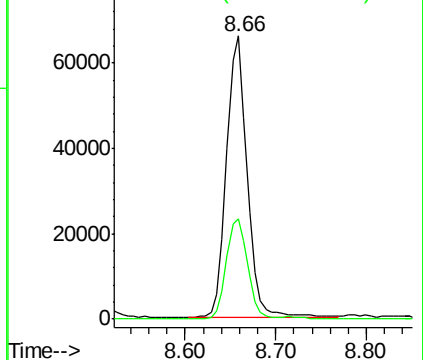
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 5.622 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000716.D

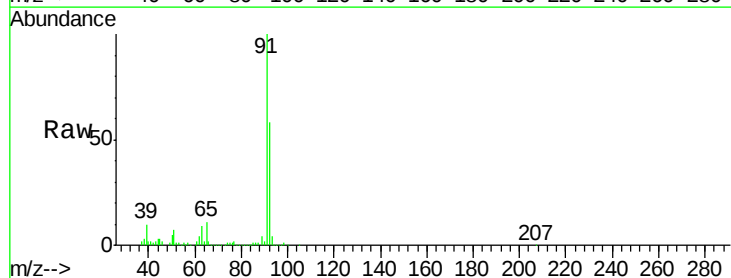
Acq: 07 Apr 2018 15:22

Tgt Ion: 92 Resp: 37759

Ion Ratio Lower Upper

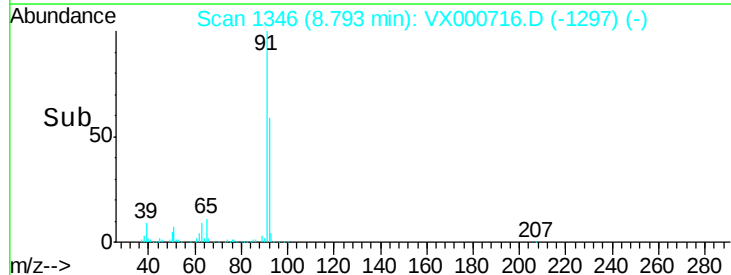
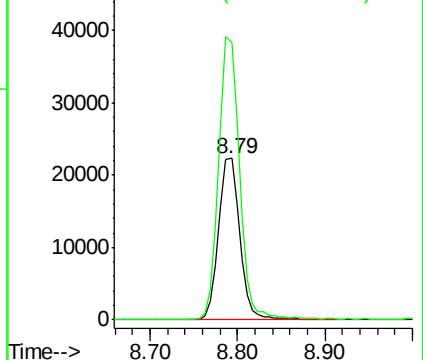
92 100

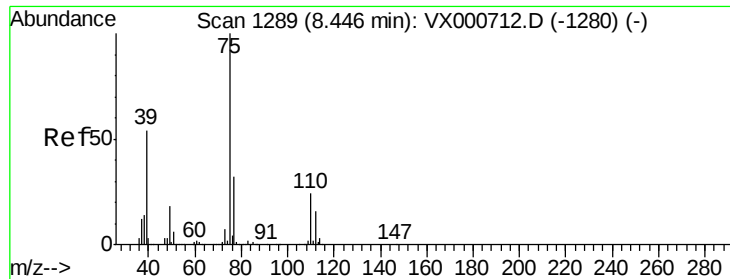
91 169.9 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





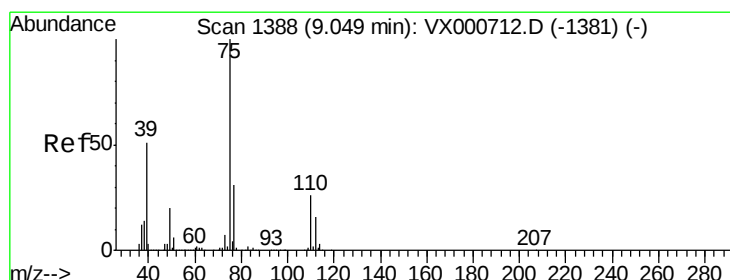
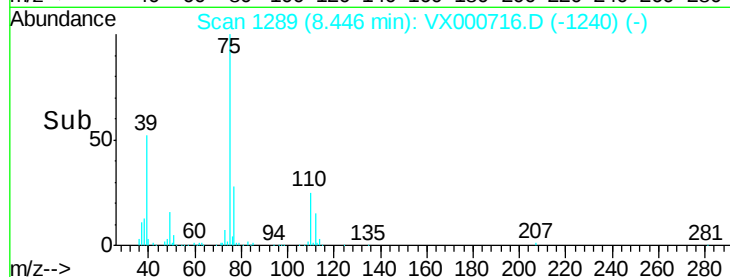
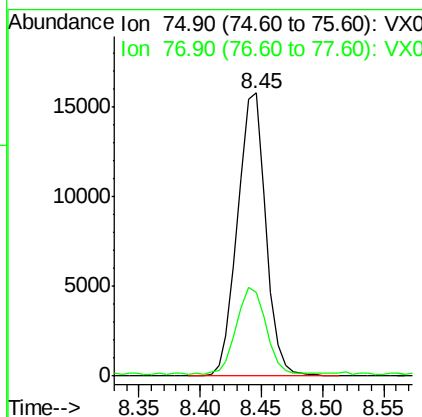
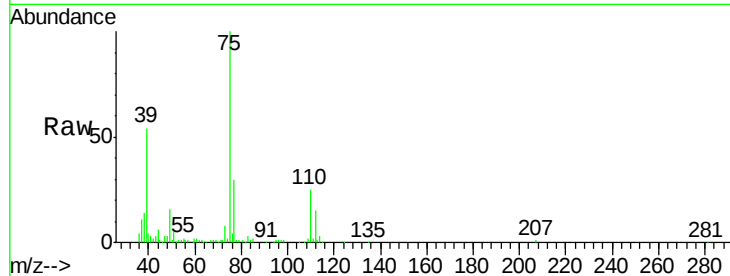
#53
t-1,3-Dichloropropene
Concen: 5.432 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 25295
Ion Ratio Lower Upper
75 100
77 29.1 25.4 38.0

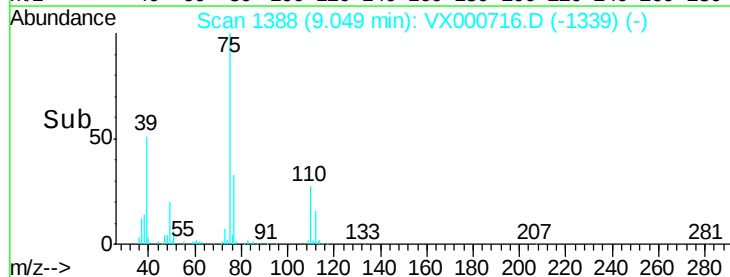
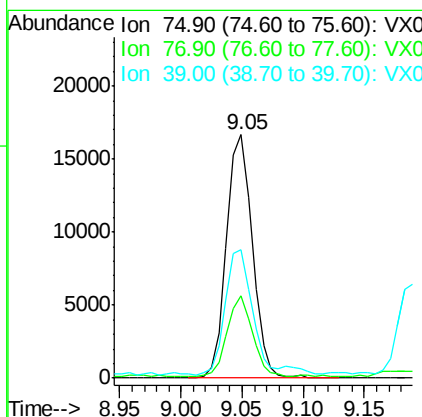
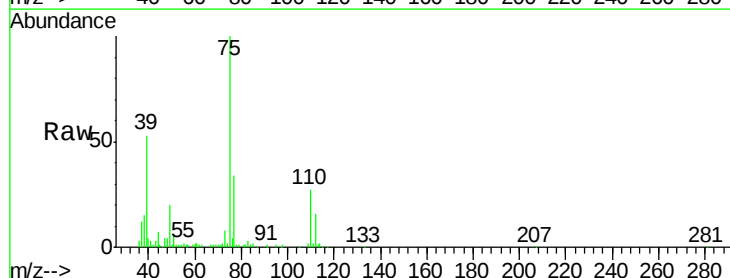
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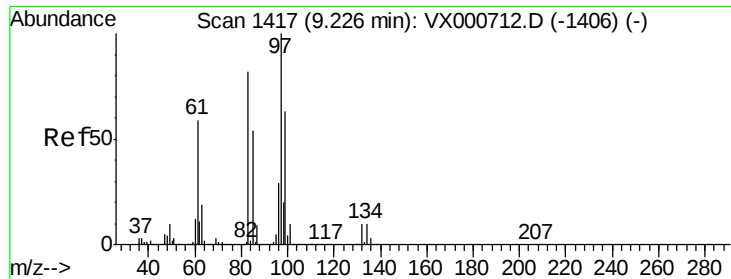
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#54
cis-1,3-Dichloropropene
Concen: 5.232 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Tgt Ion: 75 Resp: 24525
Ion Ratio Lower Upper
75 100
77 33.3 25.2 37.8
39 51.1 40.5 60.7





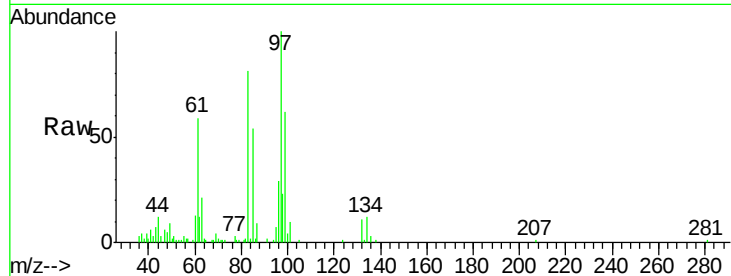
#55
 1,1,2-Trichloroethane
 Concen: 5.293 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000716.D
 Acq: 07 Apr 2018 15:22

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

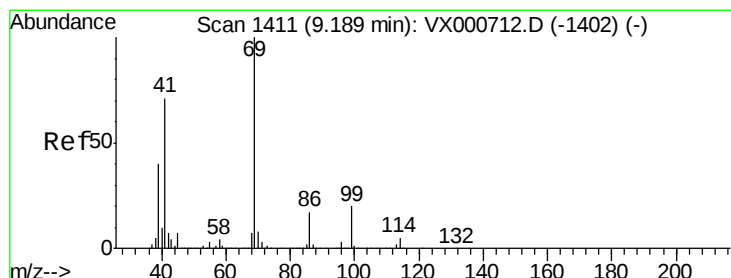
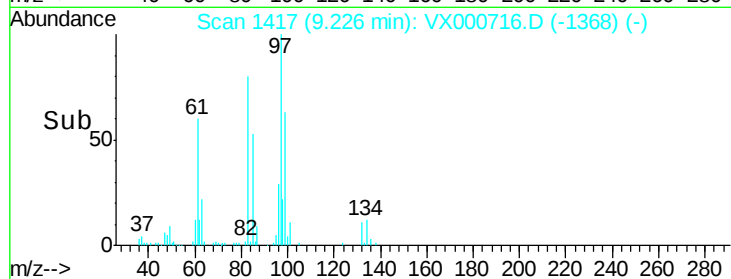
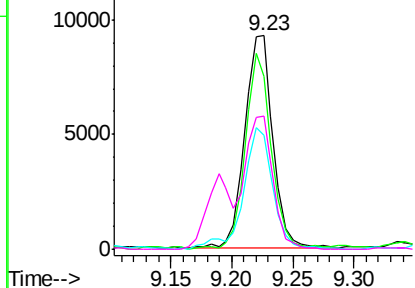
Tgt Ion	Ratio	Resp	Lower	Upper
97	100	14695		
83	81.5	65.7	98.5	
85	54.0	42.8	64.2	
99	62.6	50.6	76.0	

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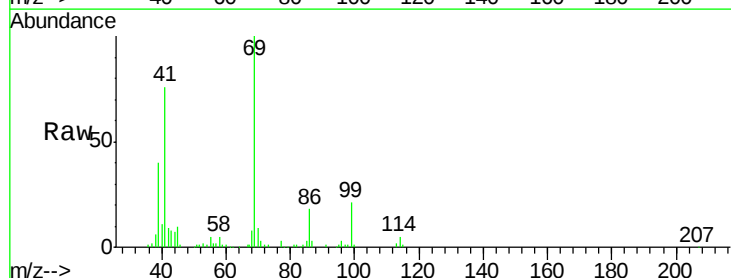


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

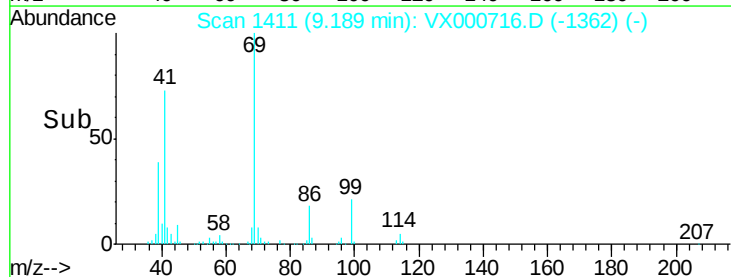
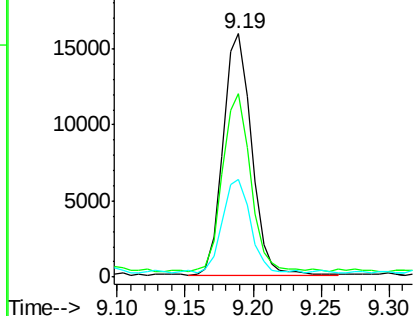


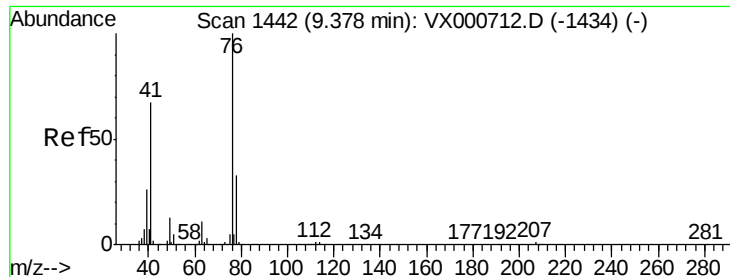
#56
 Ethyl methacrylate
 Concen: 5.114 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000716.D
 Acq: 07 Apr 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	23079		
41	72.5	56.4	84.6	
39	38.0	31.4	47.2	



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





#57

1,3-Dichloropropane

Concen: 5.535 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 24700

Ion Ratio Lower Upper

76 100

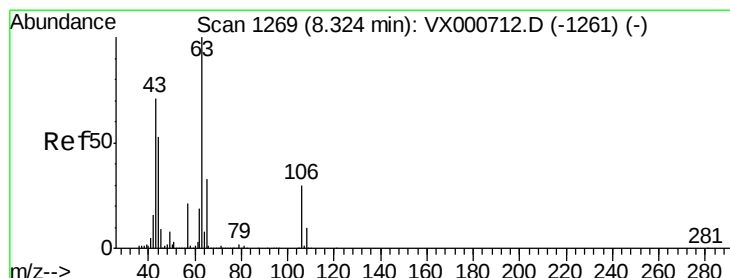
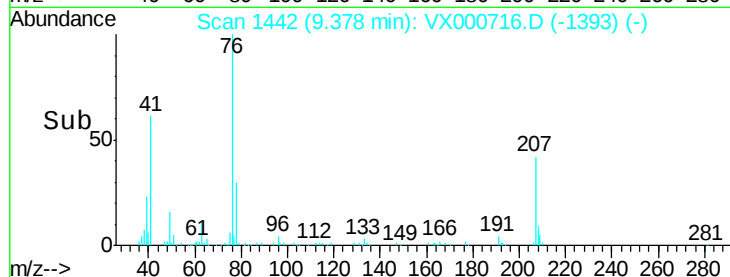
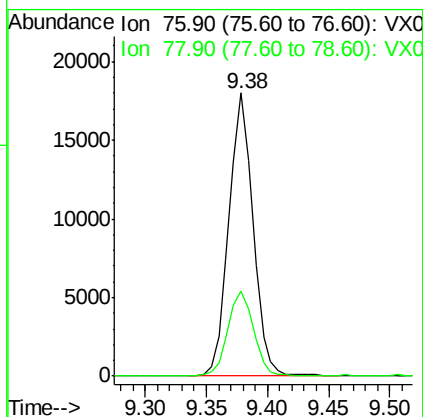
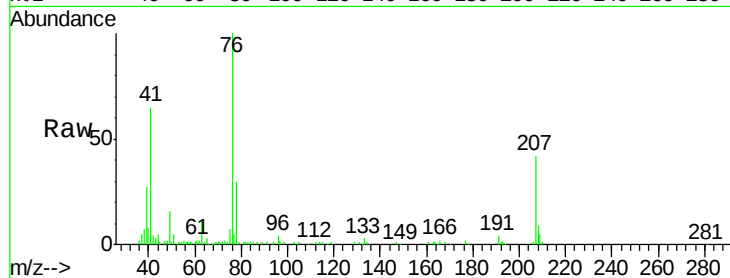
78 32.1 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 23.822 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000716.D

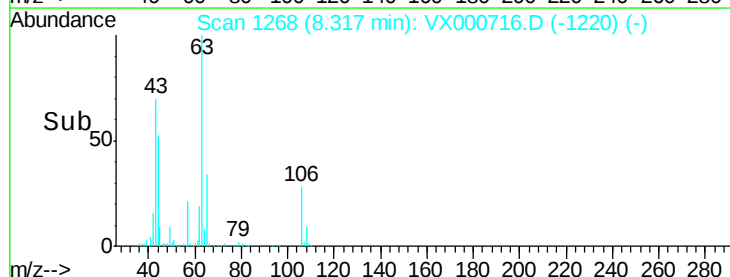
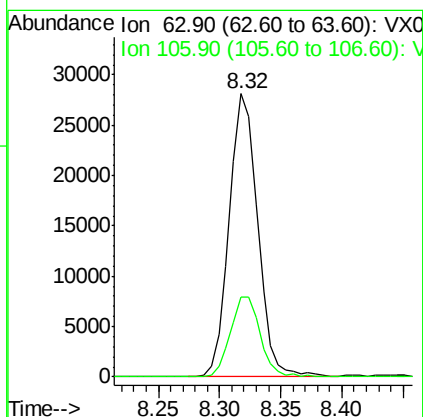
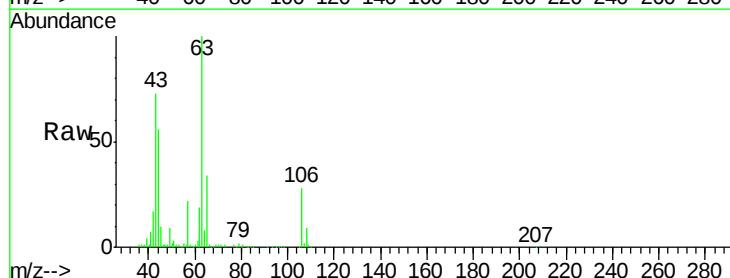
Acq: 07 Apr 2018 15:22

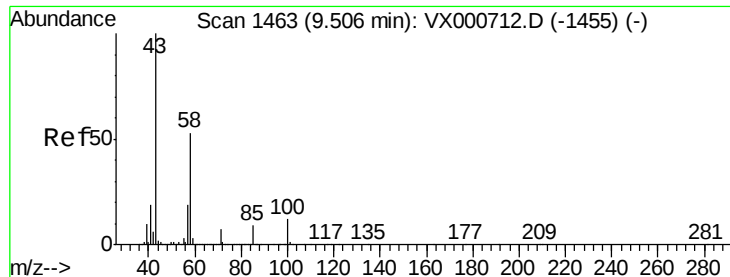
Tgt Ion: 63 Resp: 45529

Ion Ratio Lower Upper

63 100

106 29.4 24.0 36.0





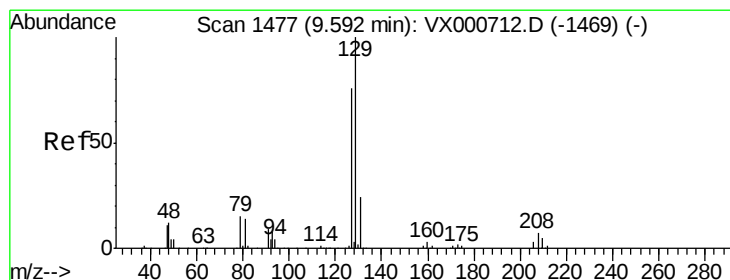
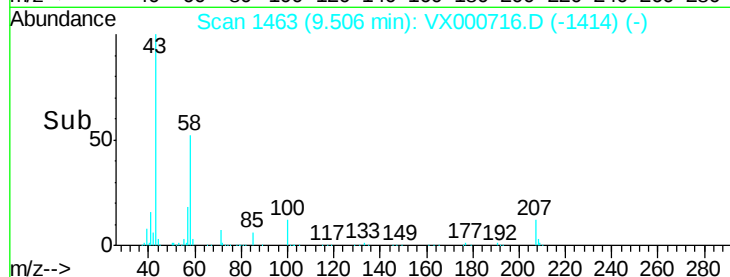
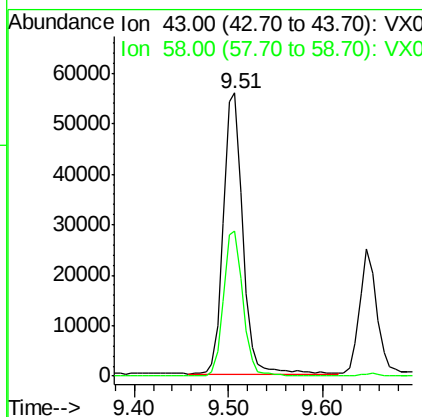
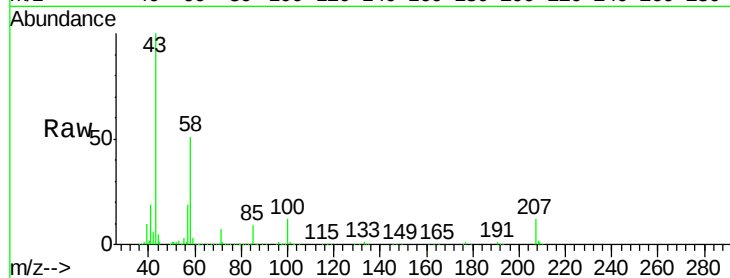
#59
2-Hexanone
Concen: 25.190 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 79208
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8

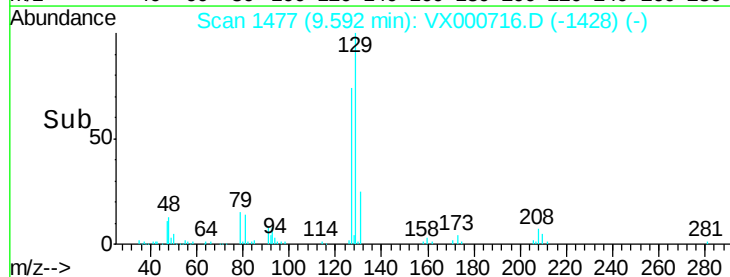
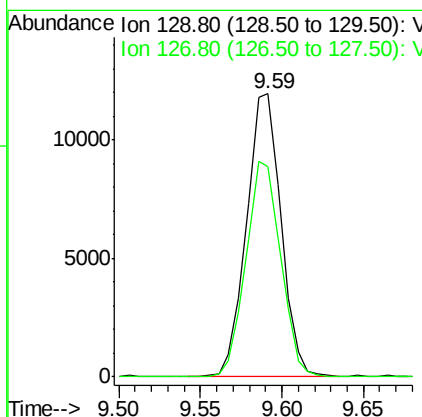
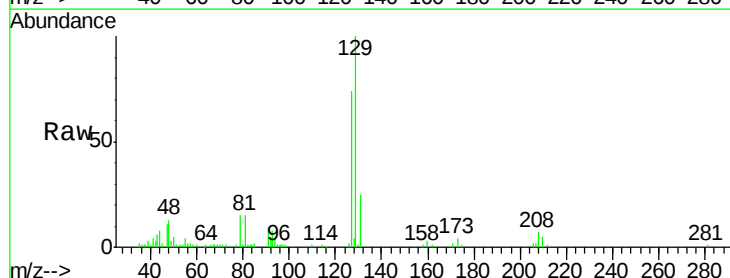
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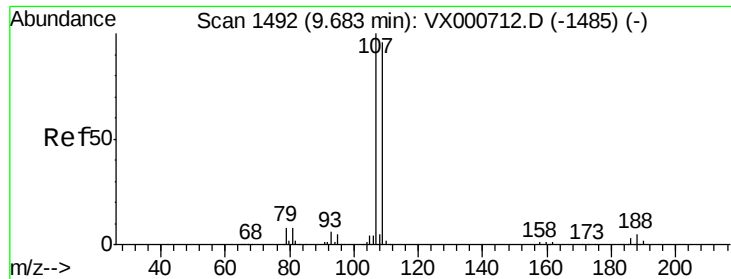
sam
4/9/2018 2:02:16 PM



#60
Dibromochloromethane
Concen: 5.085 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Tgt Ion: 129 Resp: 17737
Ion Ratio Lower Upper
129 100
127 76.5 38.2 114.6





#61

1,2-Dibromoethane

Concen: 5.332 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 107 Resp: 15748

Ion Ratio Lower Upper

107 100

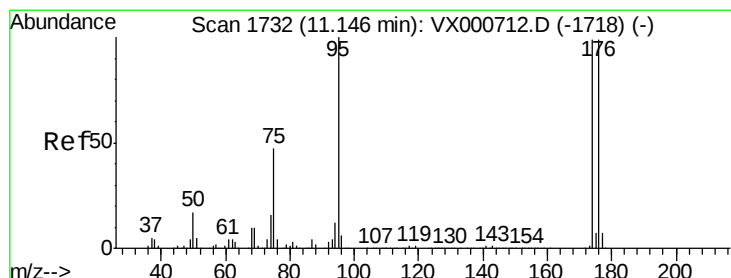
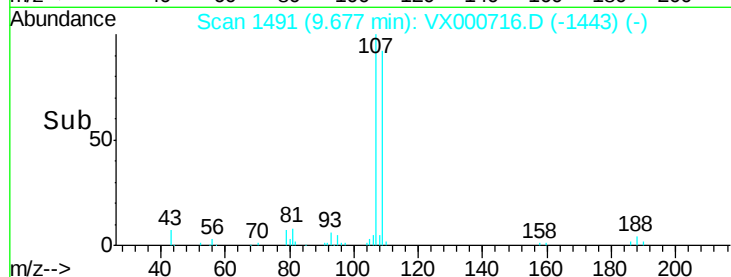
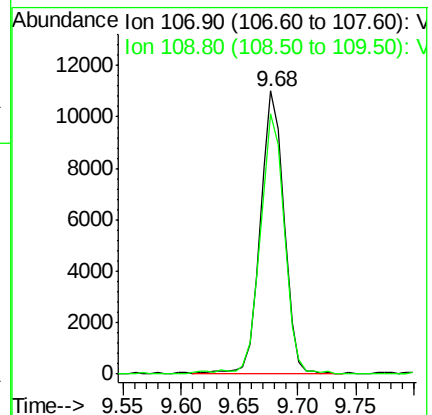
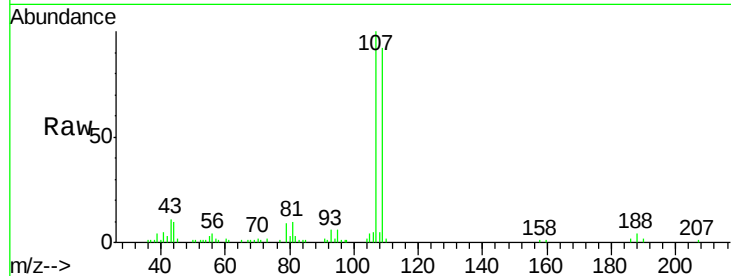
109 93.4 76.6 115.0

Manual Integrations

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sam

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#62

4-Bromofluorobenzene

Concen: 5.285 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

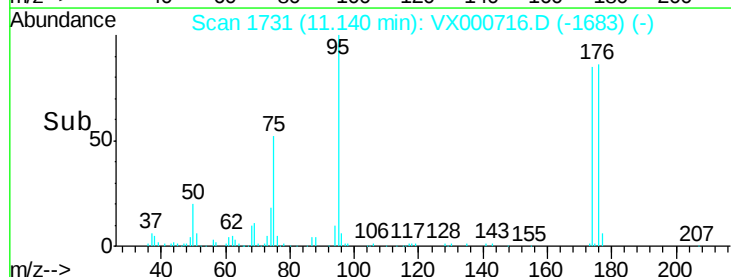
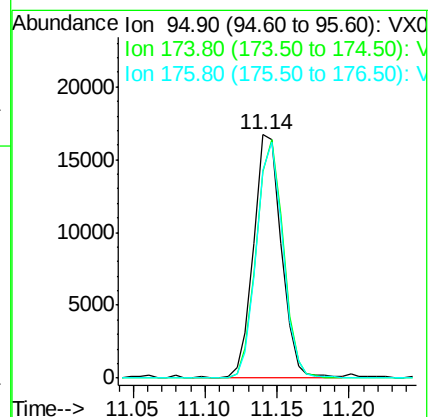
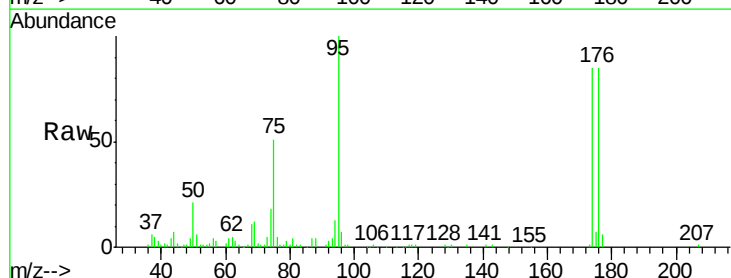
Tgt Ion: 95 Resp: 22369

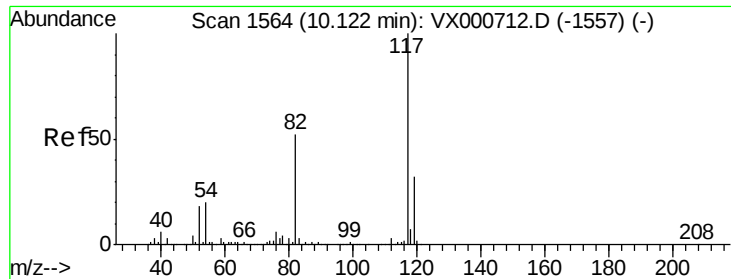
Ion Ratio Lower Upper

95 100

174 93.7 0.0 191.6

176 91.8 0.0 187.0





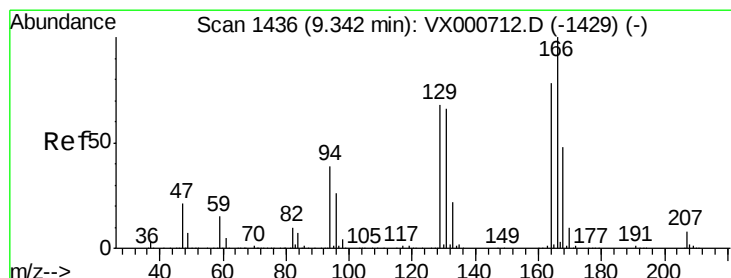
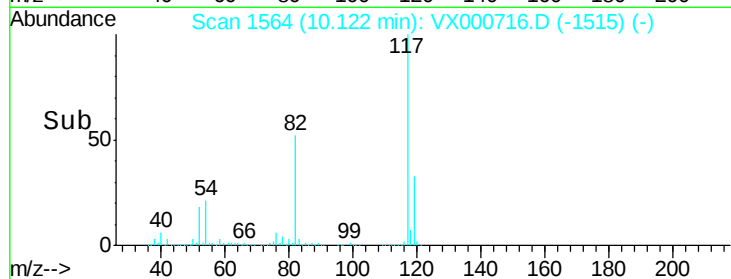
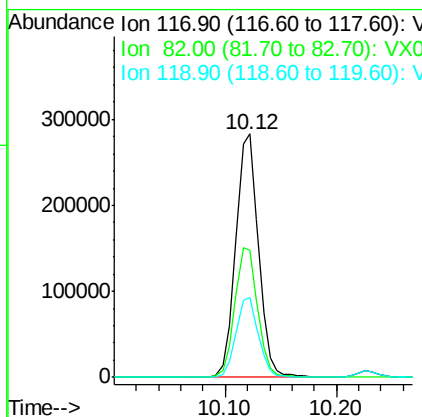
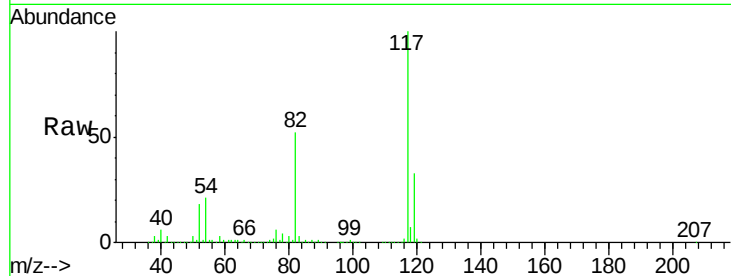
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	399433		
82	52.4	41.9	62.9	
119	32.5	25.8	38.8	

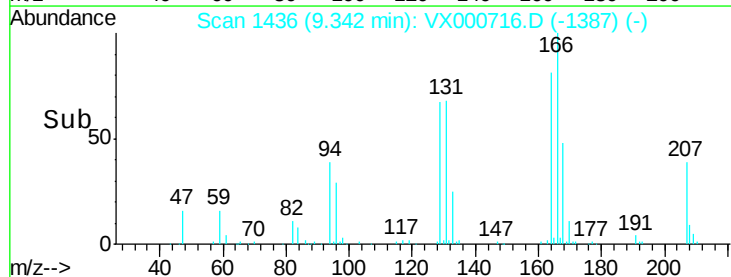
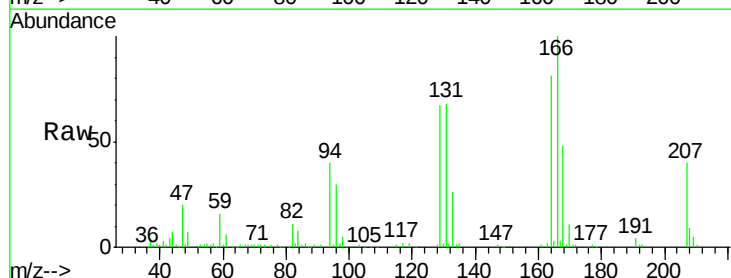
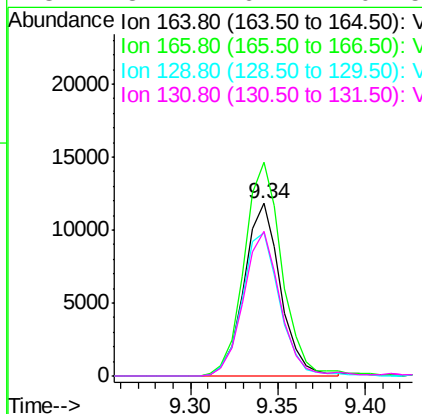
Manual Integrations
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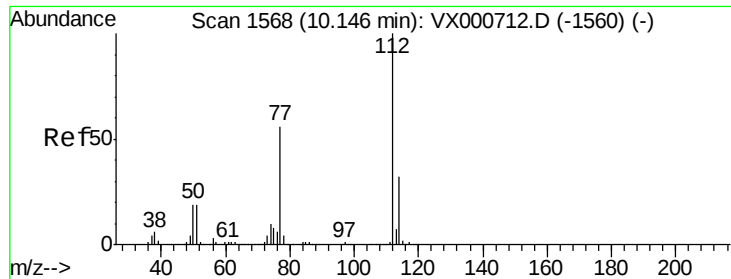
sam
4/9/2018 2:02:16 PM



#64
Tetrachloroethene
Concen: 5.692 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	17047		
166	123.7	102.4	153.6	
129	82.9	69.3	103.9	
131	84.1	67.7	101.5	





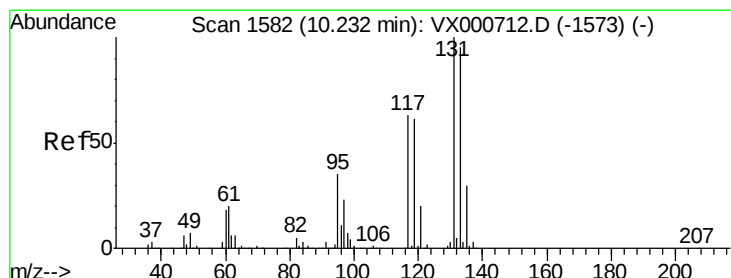
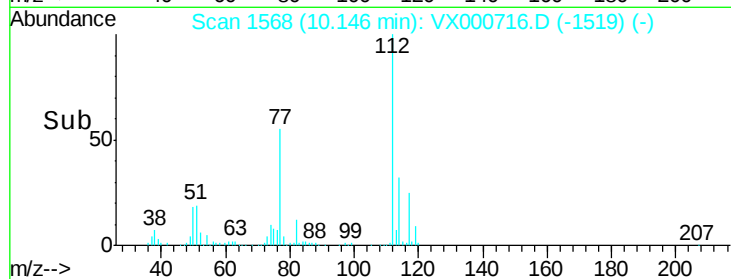
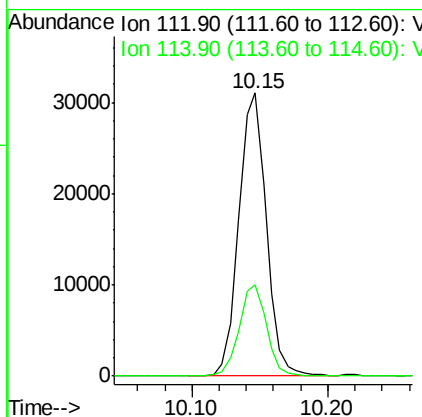
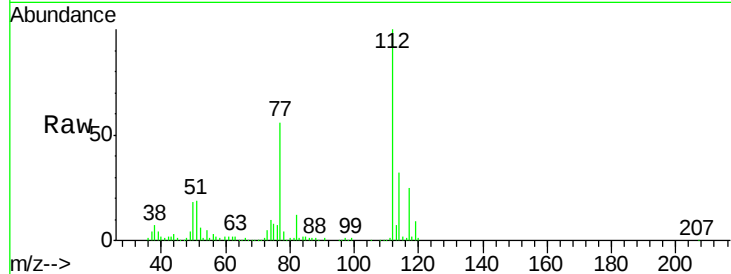
#65
Chlorobenzene
Concen: 5.543 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 43794
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6

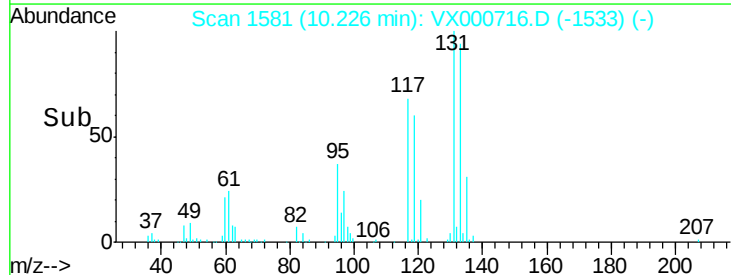
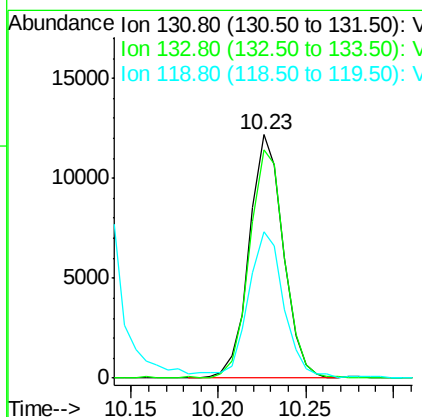
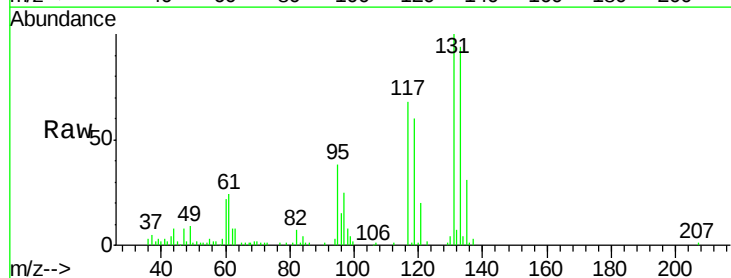
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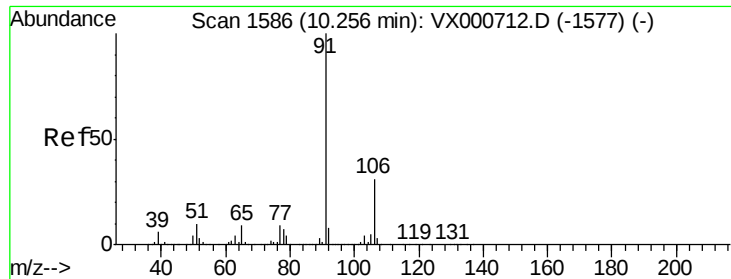
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.297 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Tgt Ion:131 Resp: 16463
Ion Ratio Lower Upper
131 100
133 96.7 48.0 144.2
119 61.4 31.5 94.5





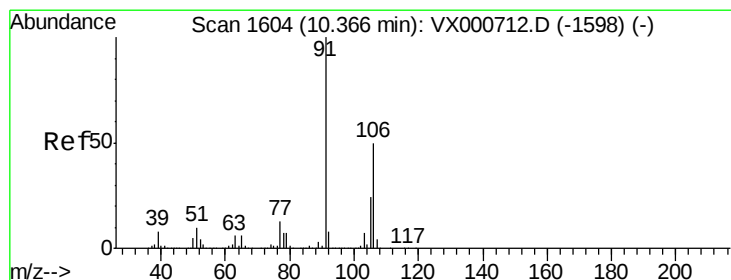
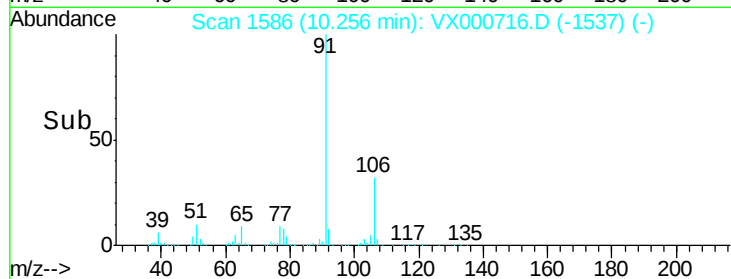
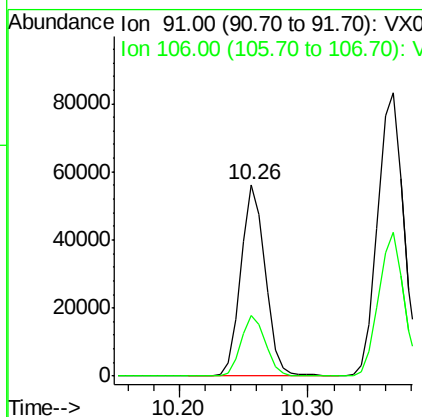
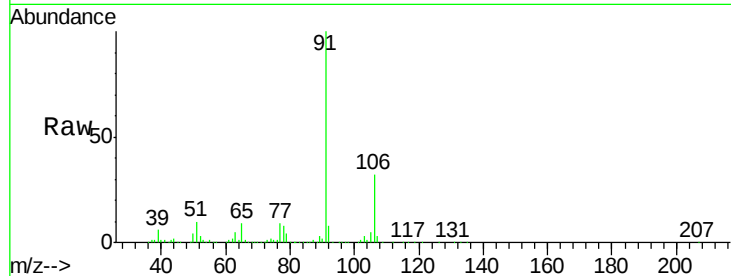
#67
Ethyl Benzene
Concen: 5.541 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 73500
Ion Ratio Lower Upper
91 100
106 31.8 25.1 37.7

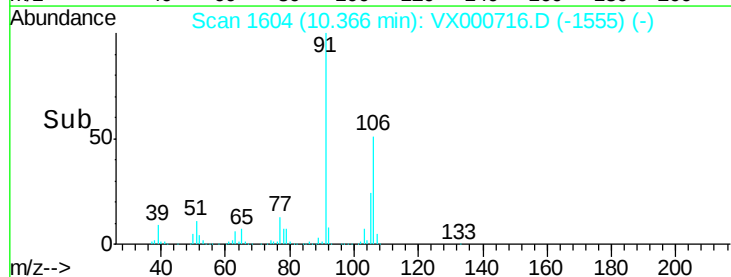
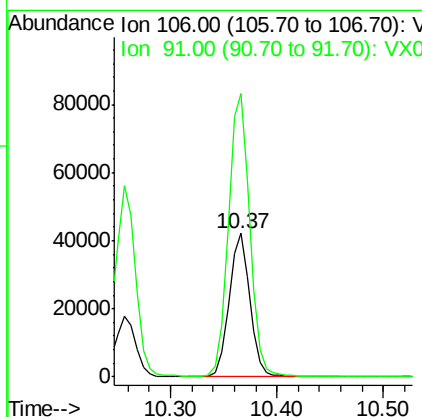
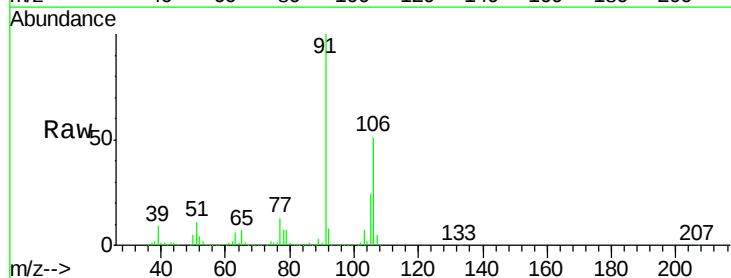
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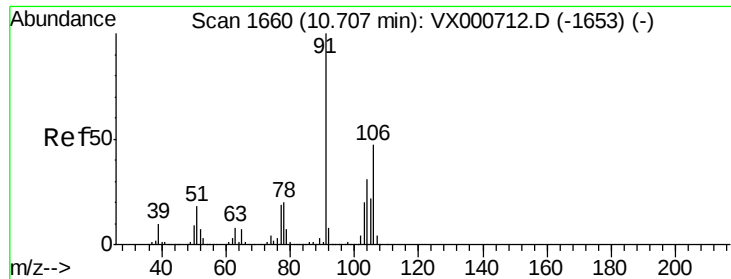
sam
4/9/2018 2:02:16 PM



#68
m/p-Xylenes
Concen: 11.133 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Tgt Ion: 106 Resp: 57722
Ion Ratio Lower Upper
106 100
91 200.9 159.7 239.5





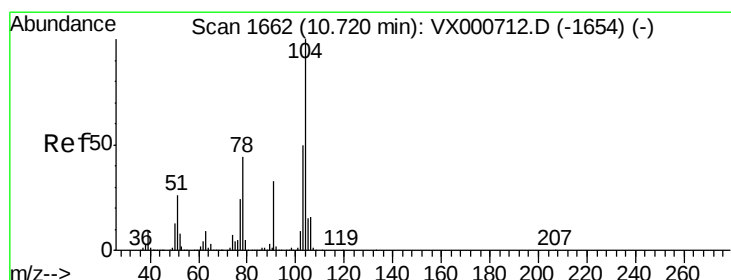
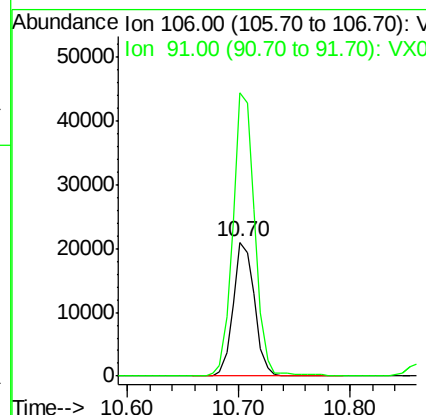
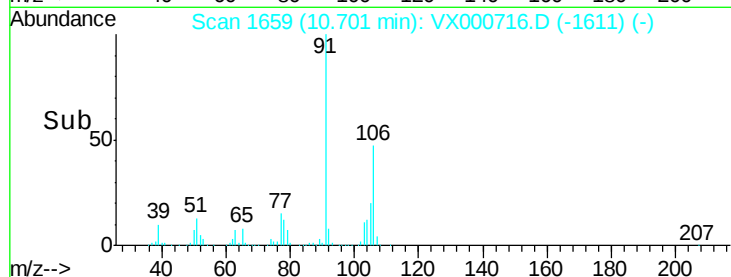
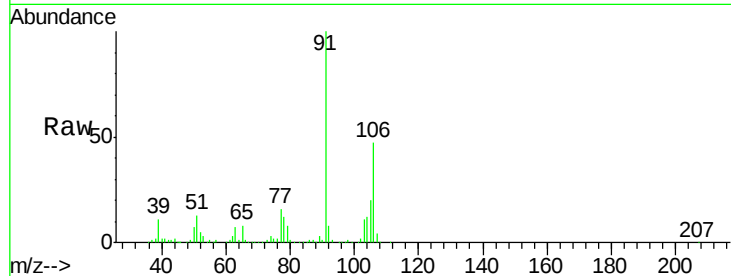
#69
o-Xylene
Concen: 5.476 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion:106 Resp: 27875
Ion Ratio Lower Upper
106 100
91 214.8 106.1 318.3

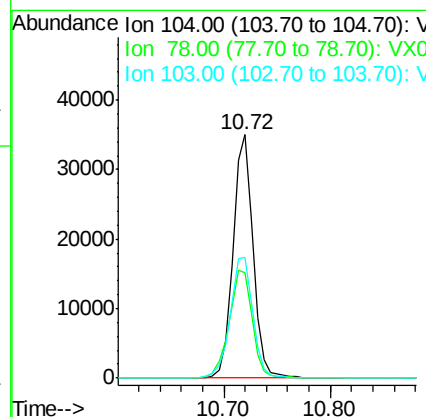
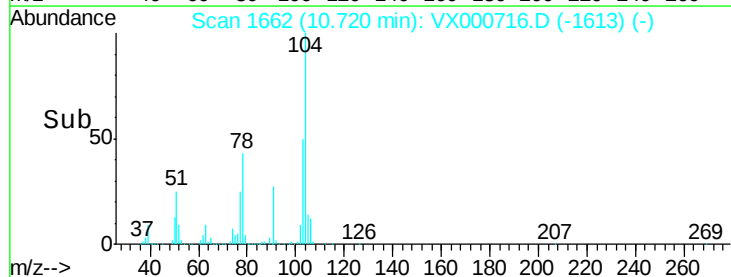
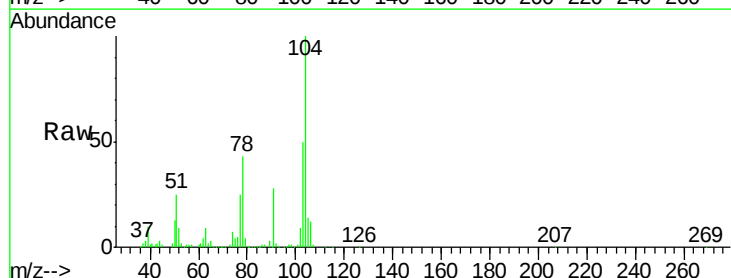
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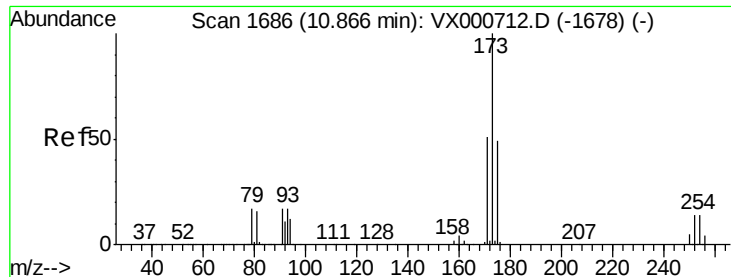
sam
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#70
Styrene
Concen: 5.329 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Tgt Ion:104 Resp: 46372
Ion Ratio Lower Upper
104 100
78 51.6 39.8 59.6
103 56.0 44.1 66.1





#71

Bromoform

Concen: 4.988 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

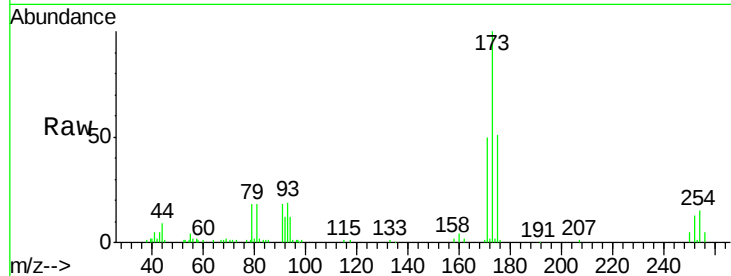
ClientSampleId :

VSTDIC005

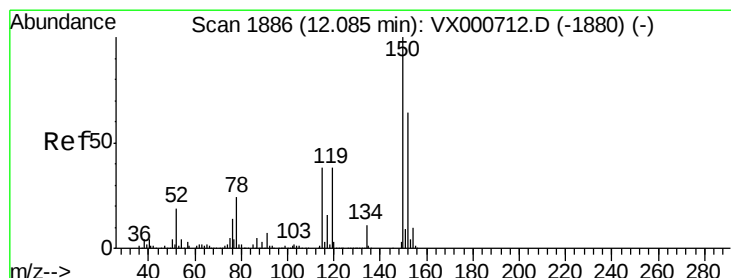
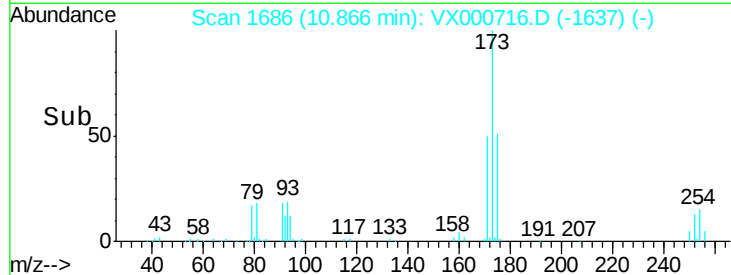
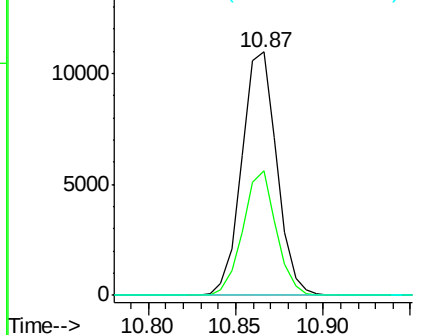
Tgt Ion:173 Resp: 15209
 Ion Ratio Lower Upper
 173 100
 175 48.5 24.2 72.6
 254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

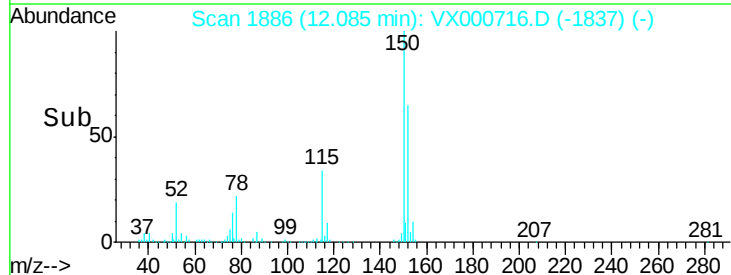
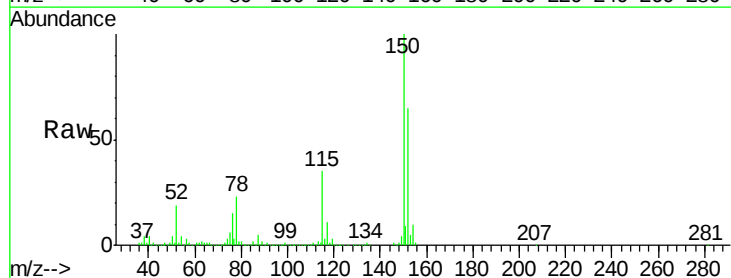
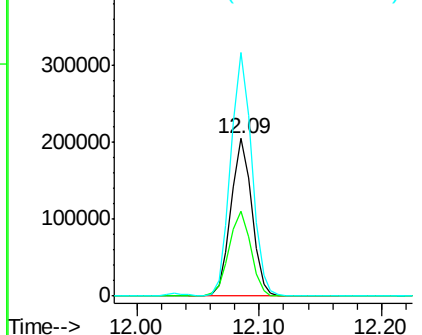
Delta R.T. 0.00 min

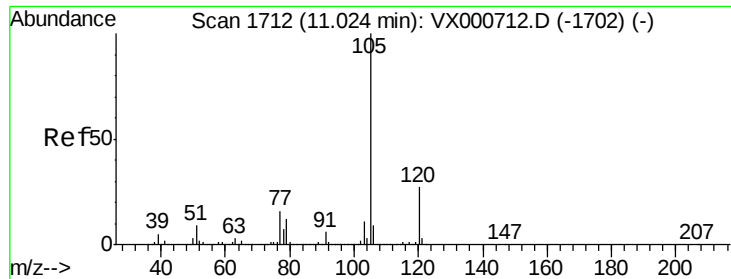
Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Tgt Ion:152 Resp: 239320
 Ion Ratio Lower Upper
 152 100
 115 56.8 37.7 113.1
 150 156.6 0.0 345.0

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





#73

Isopropylbenzene

Concen: 5.419 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 105 Resp: 75620

Ion Ratio Lower Upper

105 100

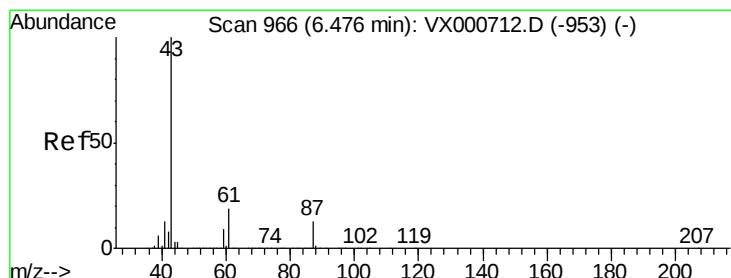
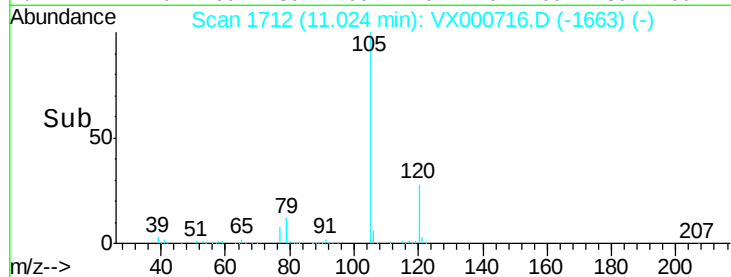
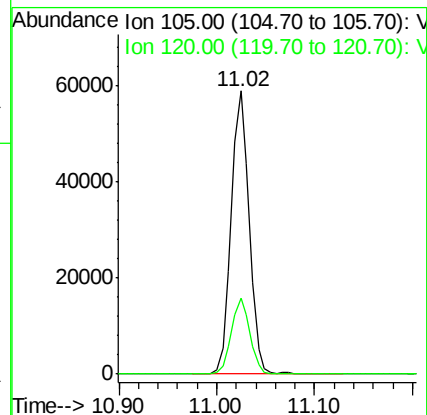
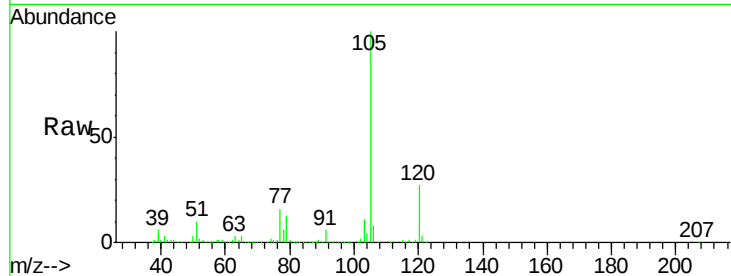
120 27.4 13.7 41.0

Manual Integrations

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sam

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#74

N-ethyl acetate

Concen: 5.194 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Tgt Ion: 43 Resp: 35642

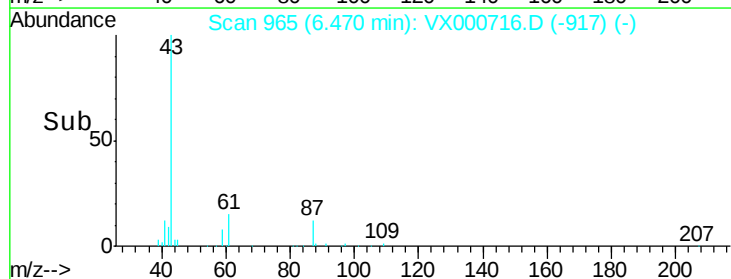
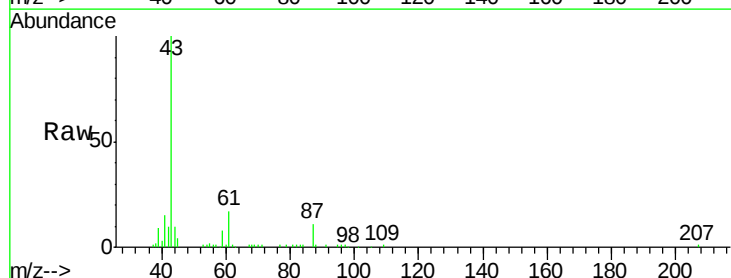
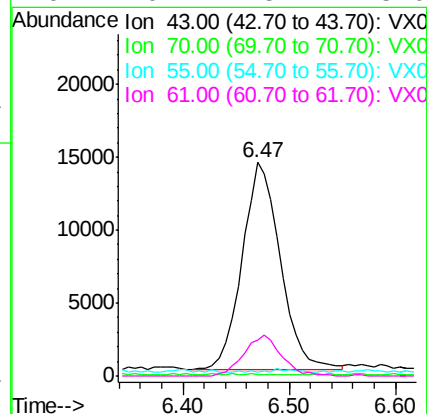
Ion Ratio Lower Upper

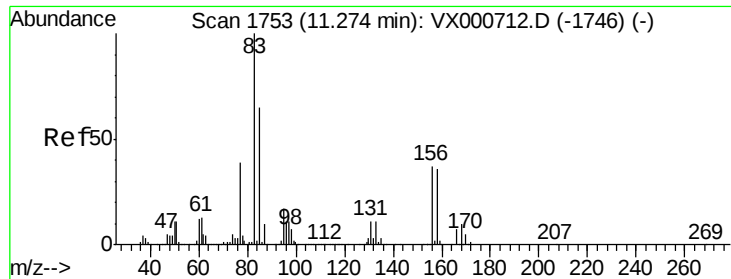
43 100

70 0.2 0.0 0.0#

55 0.3 0.0 0.0#

61 19.2 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.209 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 21745

Ion Ratio Lower Upper

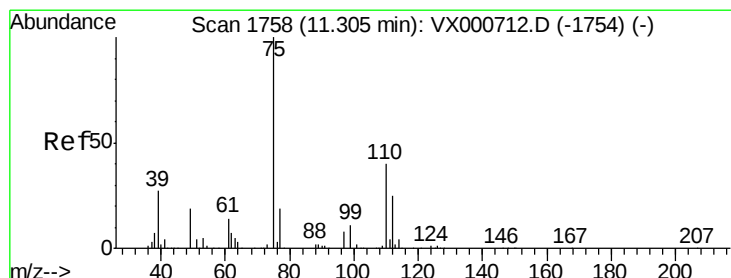
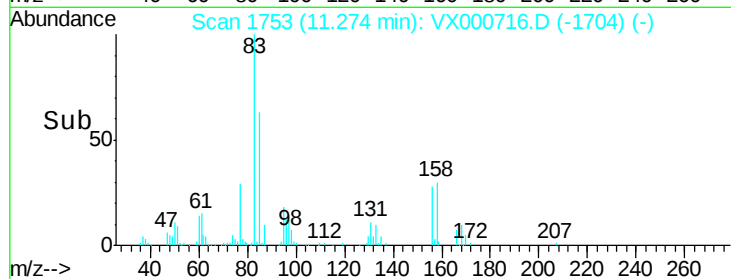
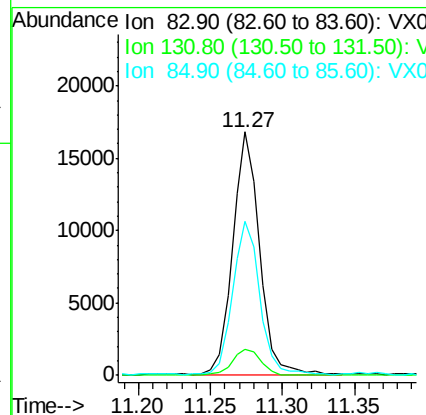
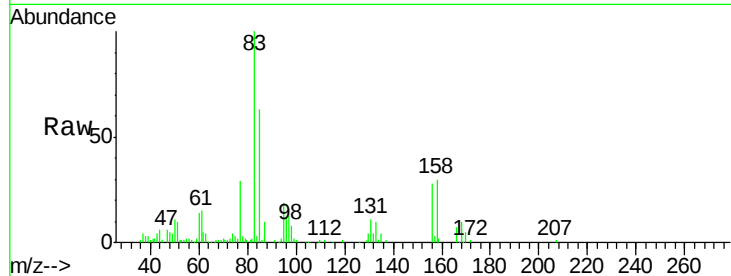
83 100

131 11.7 5.9 17.7

85 64.1 32.6 98.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 5.237 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000716.D

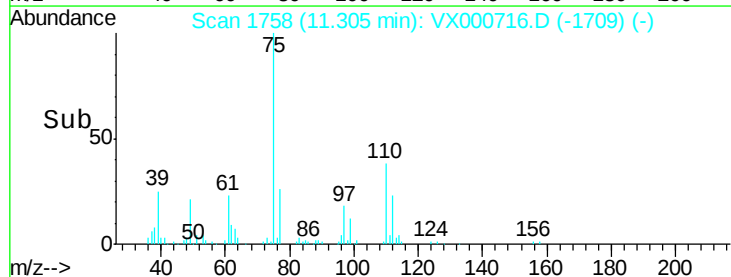
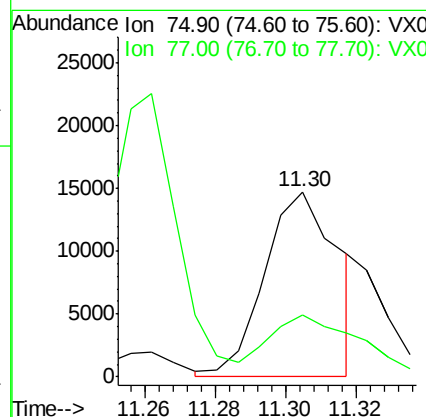
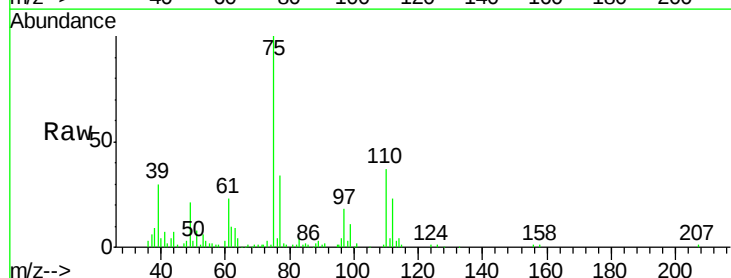
Acq: 07 Apr 2018 15:22

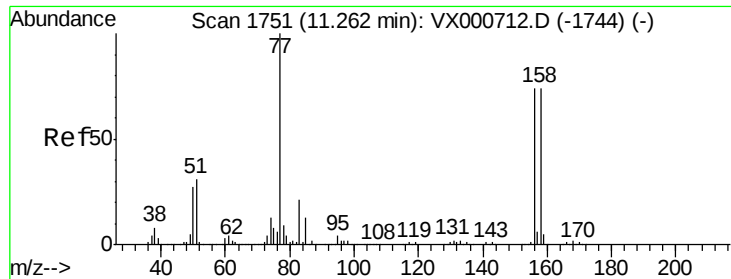
Tgt Ion: 75 Resp: 21155

Ion Ratio Lower Upper

75 100

77 40.9 21.3 63.7





#77

Bromobenzene

Concen: 5.372 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

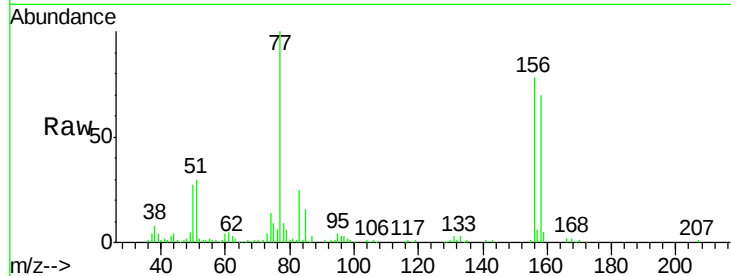
ClientSampleId :

VSTDIC005

Tgt Ion	Ratio	Lower	Upper
156	100		
77	138.0	68.3	205.1
158	96.1	49.1	147.3

Manual Integrations
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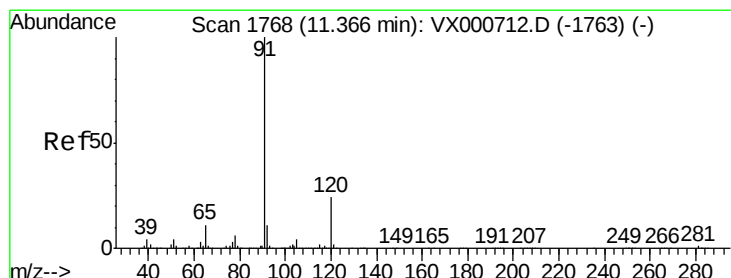
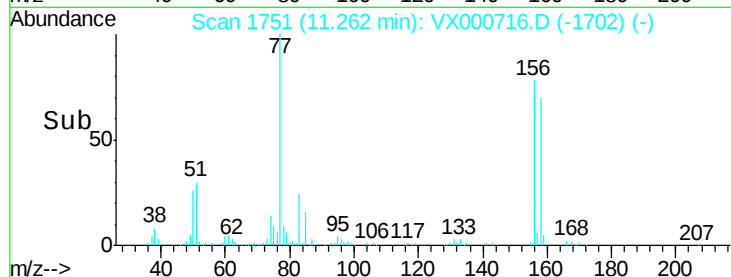
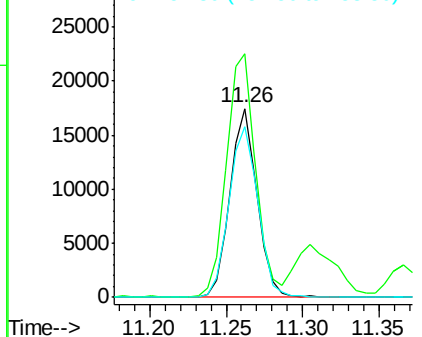
sam
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.460 ug/l

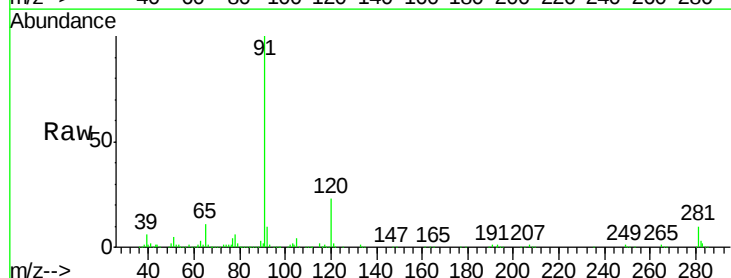
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000716.D

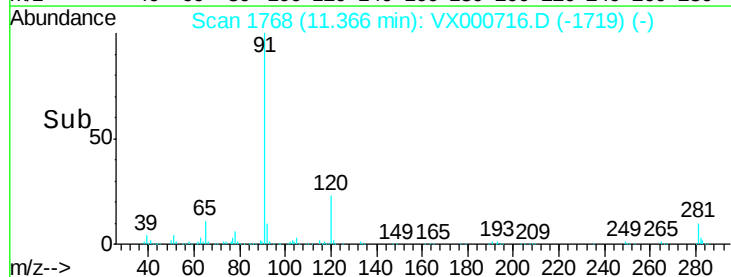
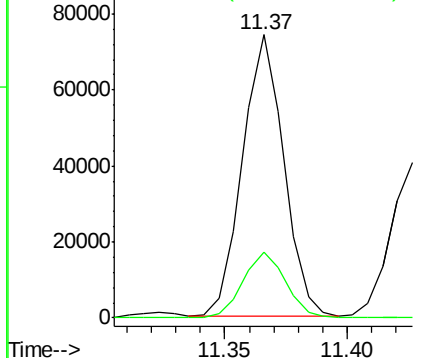
Acq: 07 Apr 2018 15:22

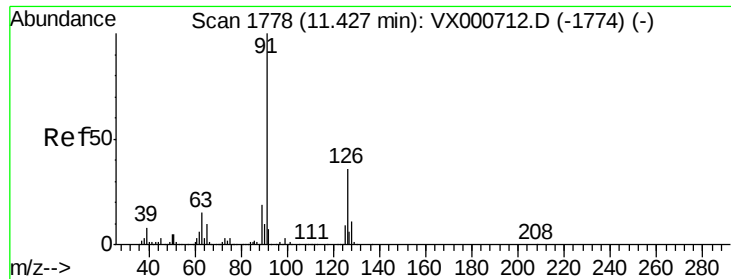
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.2	12.5	37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.427 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 51089

Ion Ratio Lower Upper

91 100

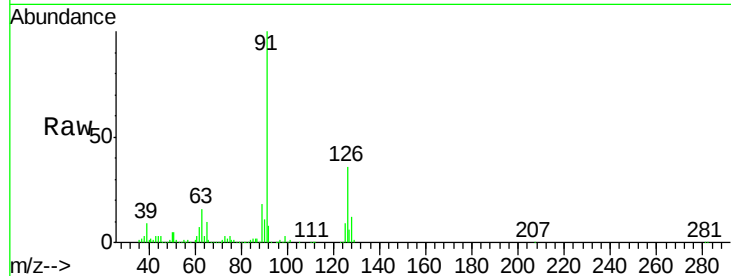
126 37.0 18.3 54.9

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX000716.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX000716.D (-1729) (-)

80000

60000

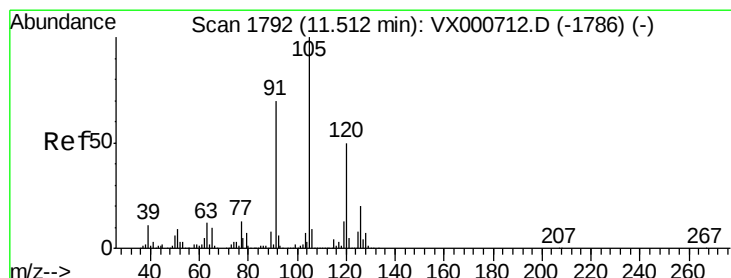
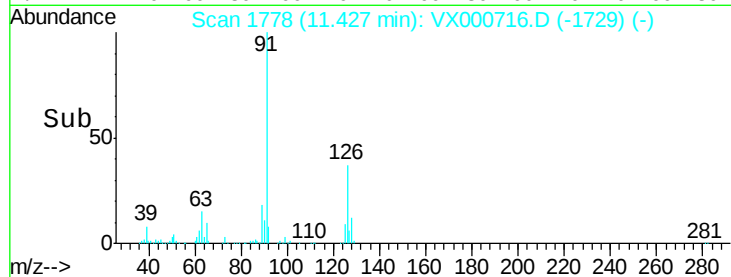
40000

20000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 5.397 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000716.D

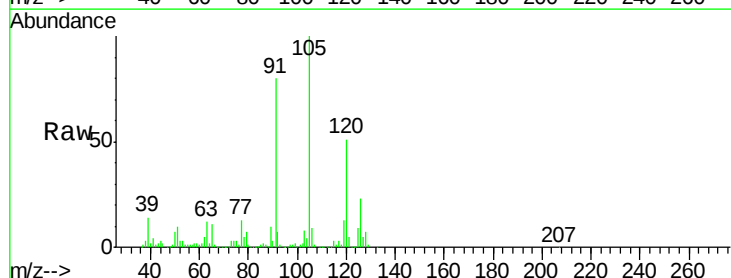
Acq: 07 Apr 2018 15:22

Tgt Ion: 105 Resp: 64801

Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX000716.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX000716.D (-1743) (-)

60000

50000

40000

30000

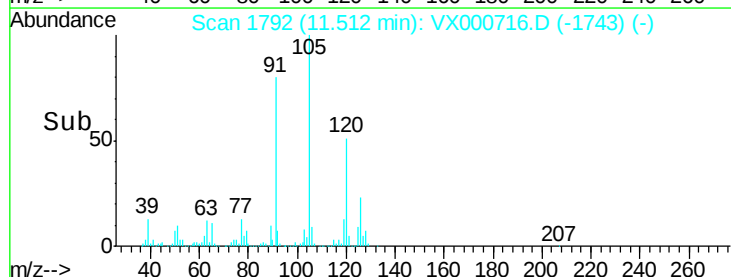
20000

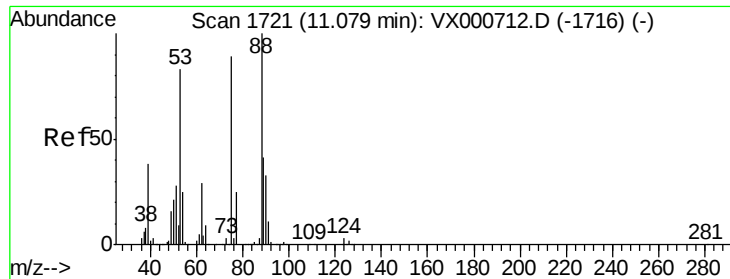
10000

0

11.45 11.50 11.55 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 5.096 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

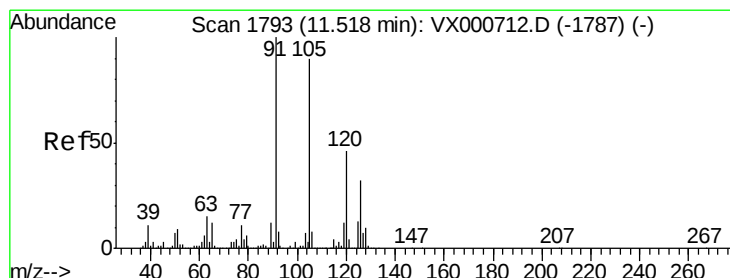
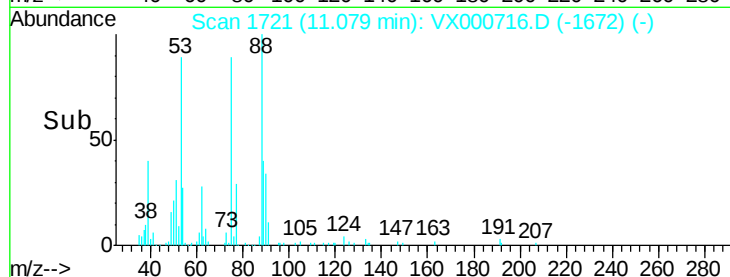
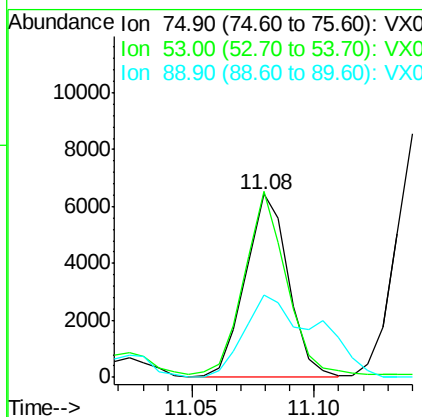
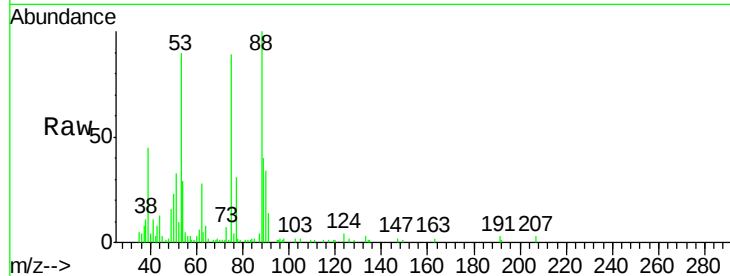
ClientSampleId :

VSTDIC005

Tgt Ion:	75	Resp:	7906
Ion Ratio	Lower	Upper	
75	100		
53	96.7	74.2	111.2
89	75.6	46.6	69.8#

Manual Integrations
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#82

4-Chlorotoluene

Concen: 5.409 ug/l

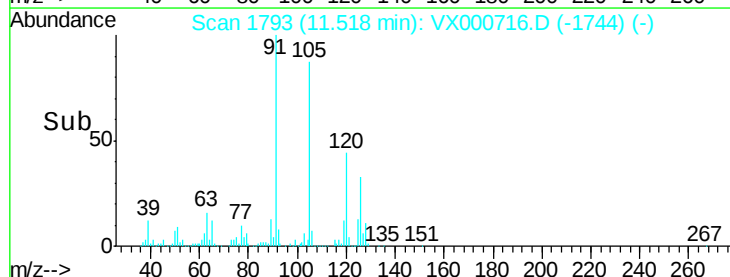
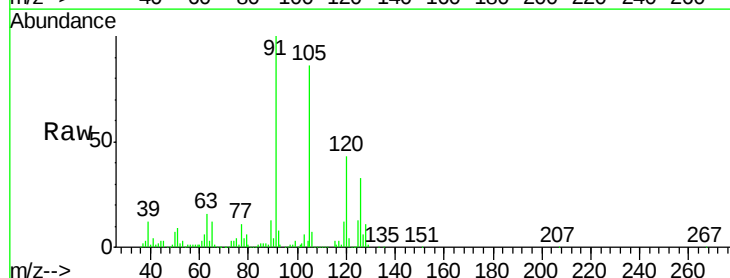
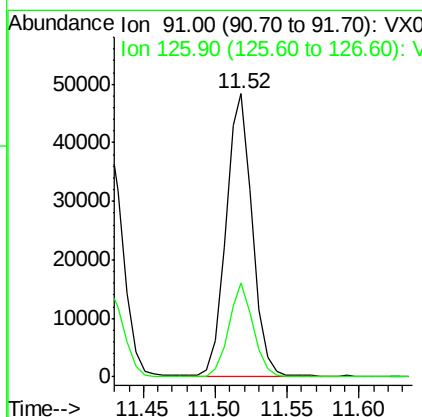
RT: 11.52 min Scan# 1793

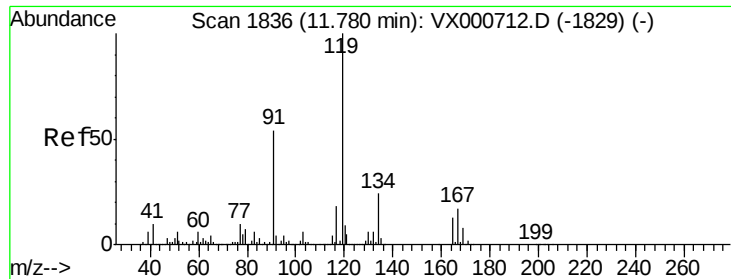
Delta R.T. 0.00 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Tgt Ion:	91	Resp:	61566
Ion Ratio	Lower	Upper	
91	100		
126	31.3	16.0	48.0





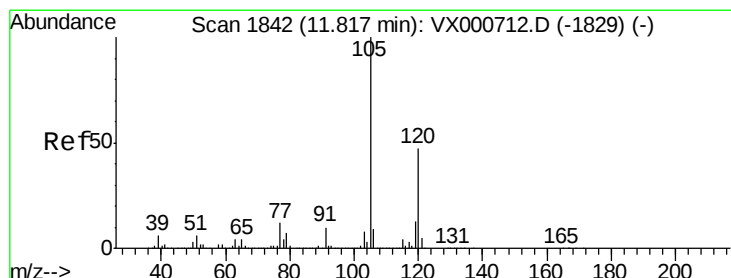
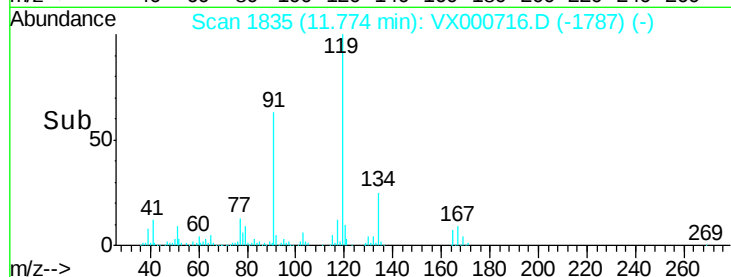
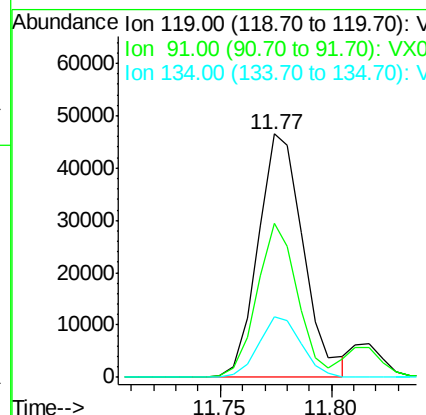
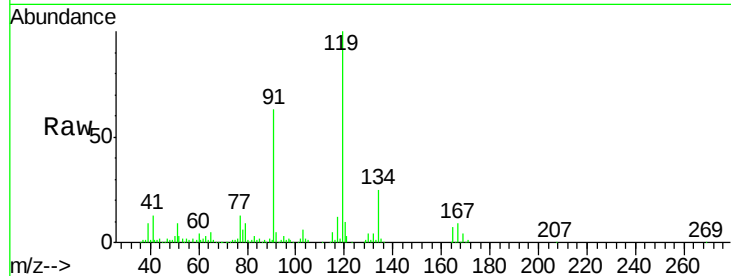
#83
 tert-Butylbenzene
 Concen: 5.300 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: VX000716.D
 Acq: 07 Apr 2018 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	65661		
91	56.3	27.3	81.8	
134	23.3	11.5	34.4	

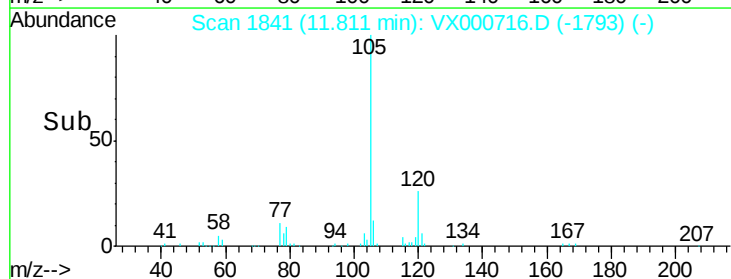
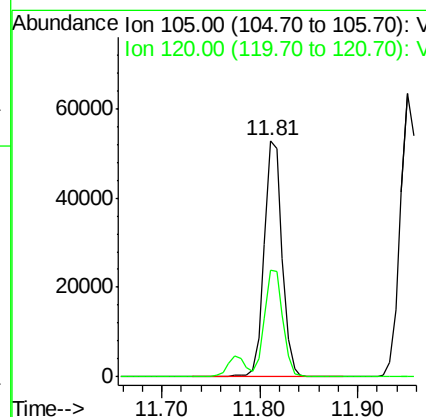
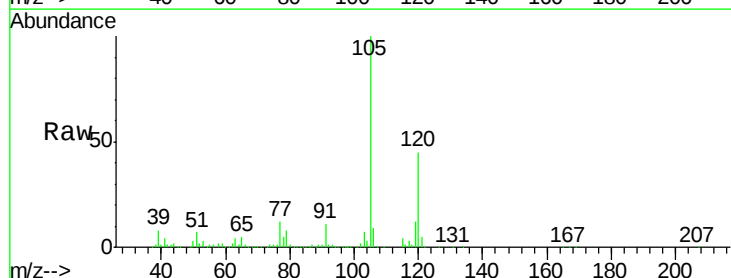
Manual Integrations
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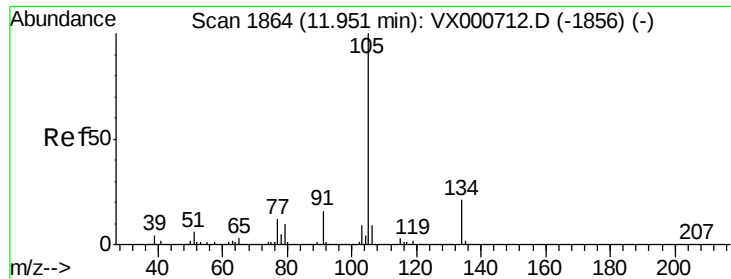
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#84
 1,2,4-Trimethylbenzene
 Concen: 5.390 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: VX000716.D
 Acq: 07 Apr 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	67050		
120	46.2	22.9	68.5	





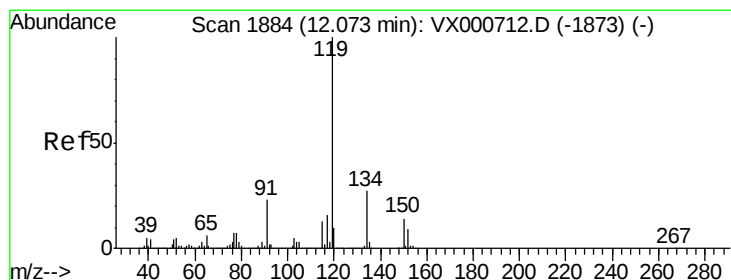
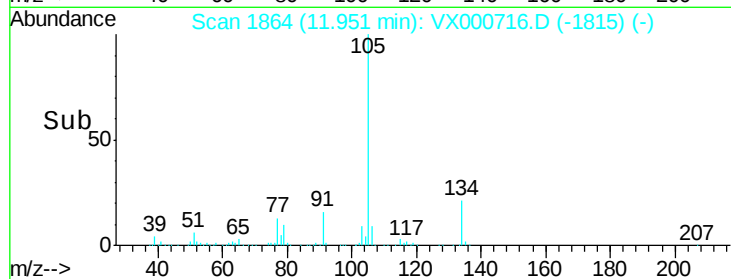
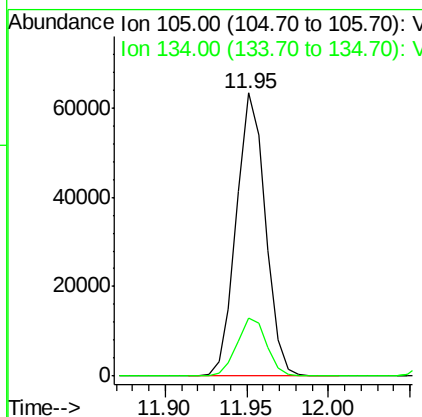
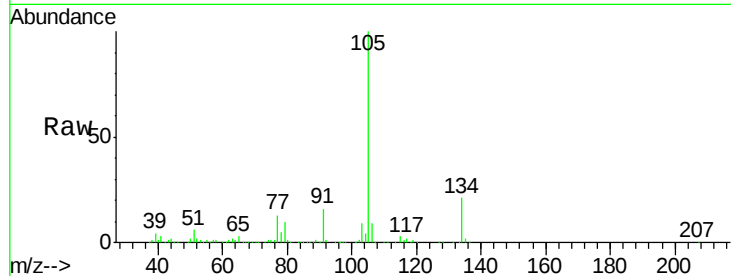
#85
 sec-Butylbenzene
 Concen: 5.434 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX000716.D
 Acq: 07 Apr 2018 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 78892
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.7 32.1

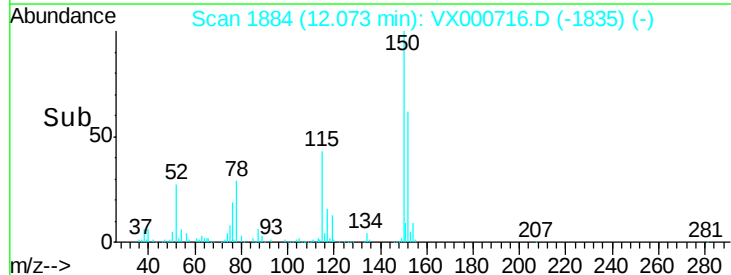
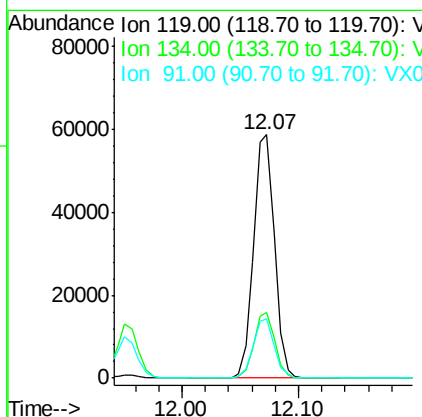
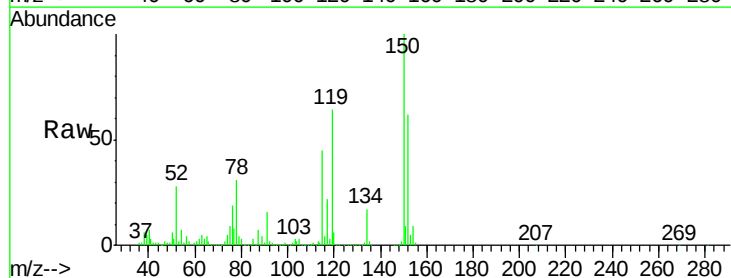
Manual Integrations
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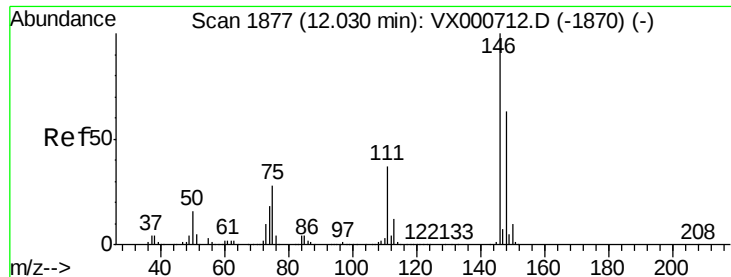
sam
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#86
 p-Isopropyltoluene
 Concen: 5.460 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000716.D
 Acq: 07 Apr 2018 15:22

Tgt Ion:119 Resp: 73885
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.2
 91 24.6 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 5.354 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

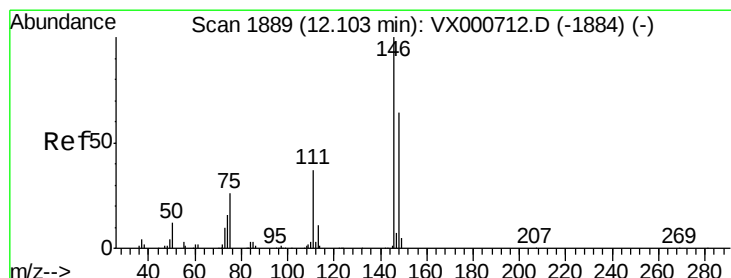
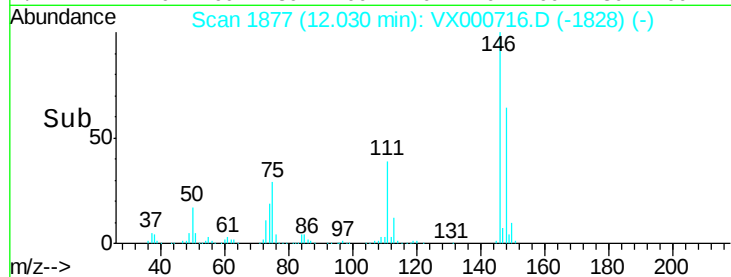
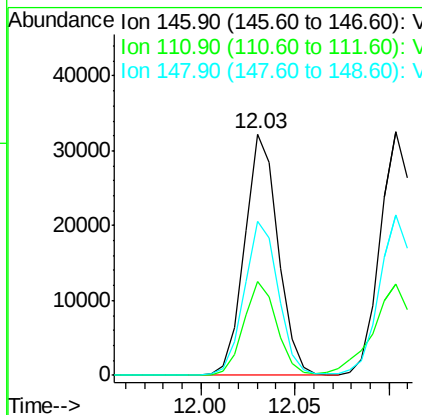
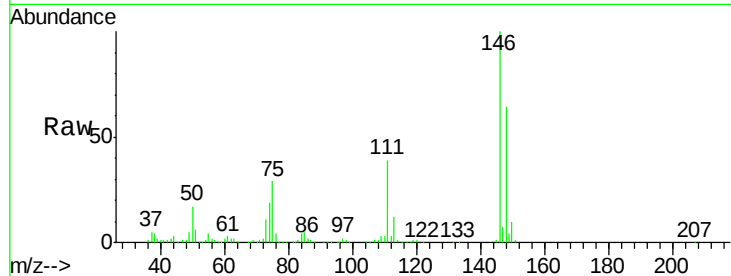
ClientSampled :

VSTDIC005

Tgt Ion:	146	Resp:	39760
Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.6	55.8
148	65.0	32.0	96.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 5.369 ug/l

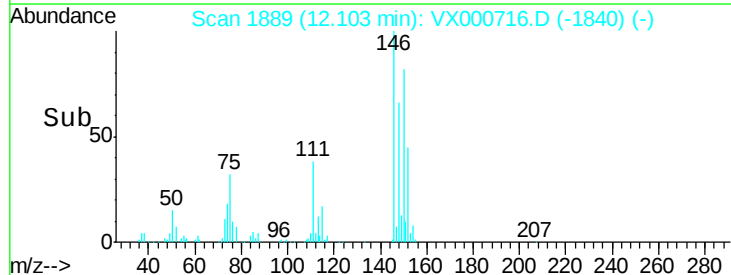
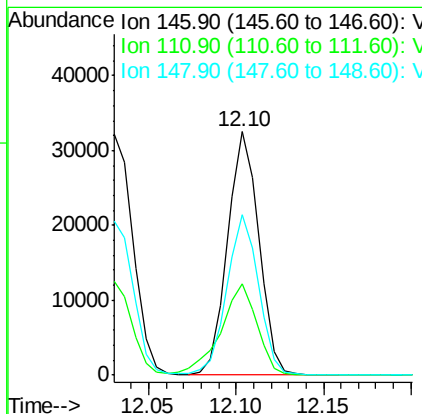
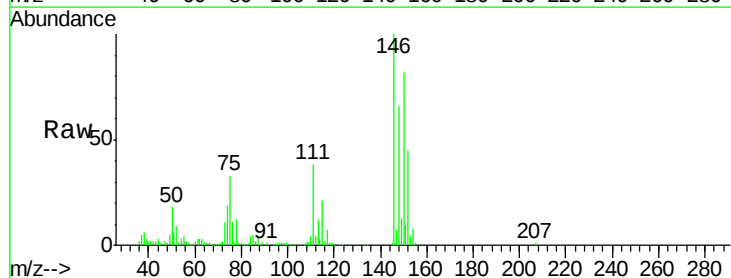
RT: 12.10 min Scan# 1889

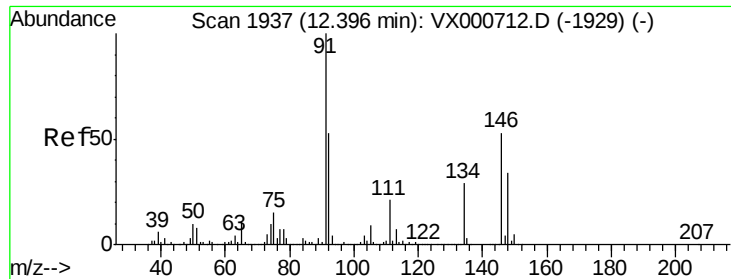
Delta R.T. 0.00 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Tgt Ion:	146	Resp:	40594
Ion	Ratio	Lower	Upper
146	100		
111	43.5	18.2	54.6
148	67.1	32.1	96.5





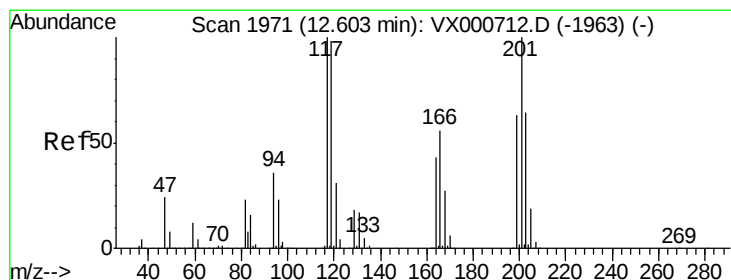
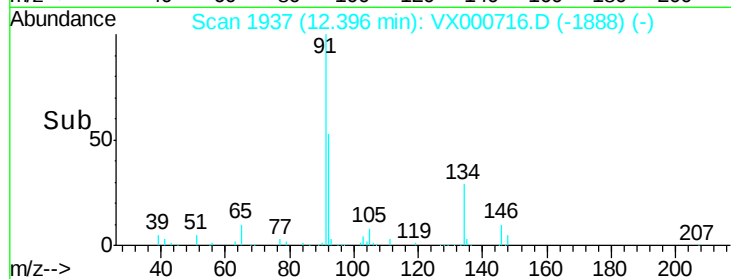
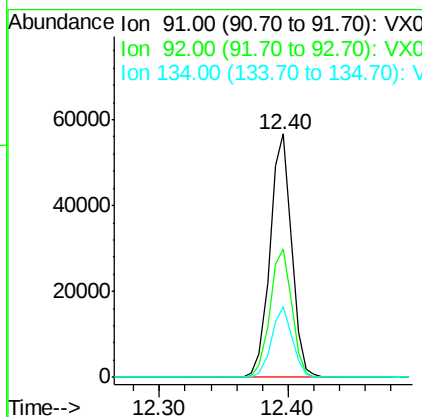
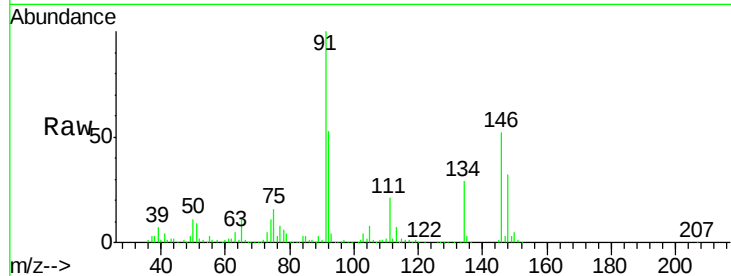
#89
n-Butylbenzene
Concen: 5.511 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 66060
Ion Ratio Lower Upper
91 100
92 53.4 26.7 80.0
134 28.3 14.4 43.0

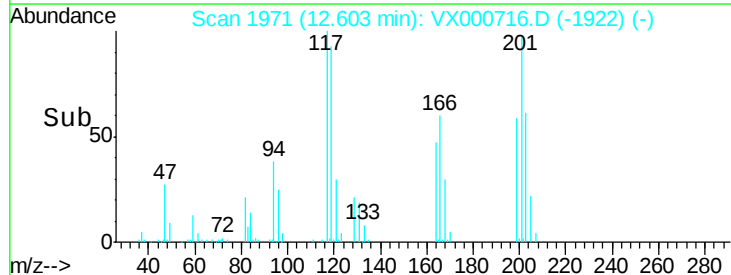
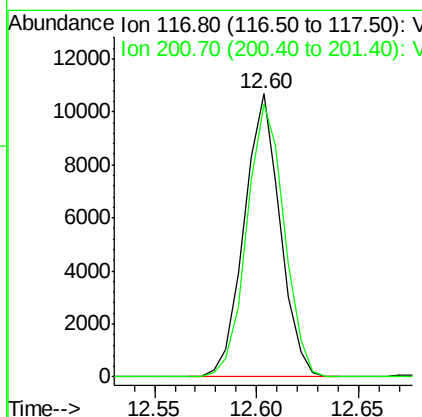
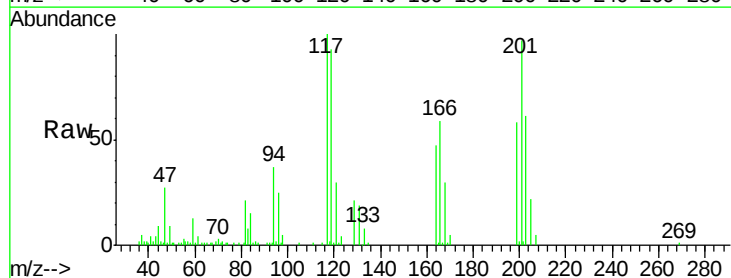
Manual Integrations
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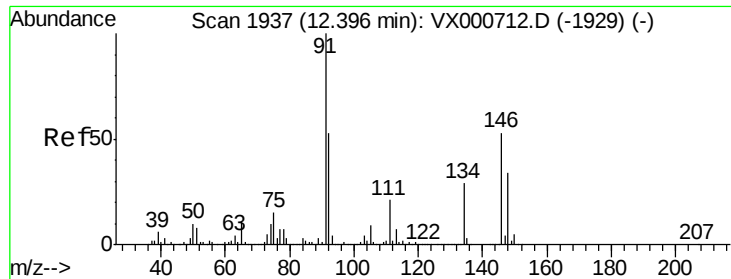
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#90
Hexachloroethane
Concen: 5.258 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000716.D
Acq: 07 Apr 2018 15:22

Tgt Ion: 117 Resp: 13016
Ion Ratio Lower Upper
117 100
201 100.5 51.2 153.6





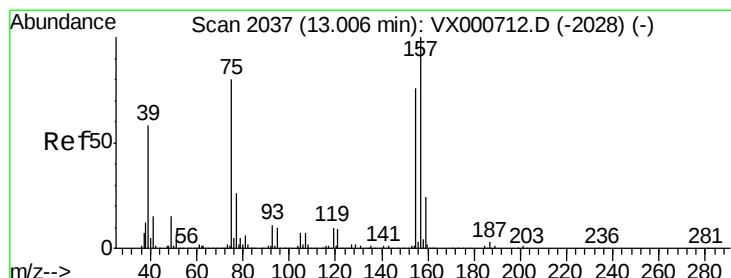
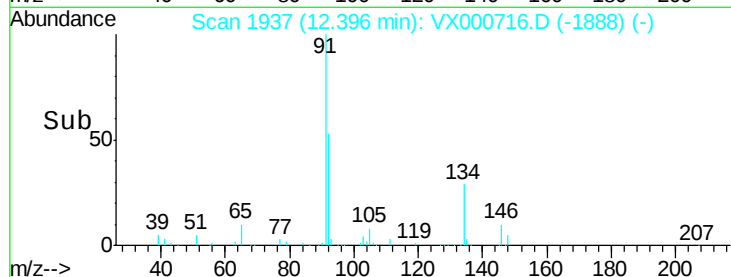
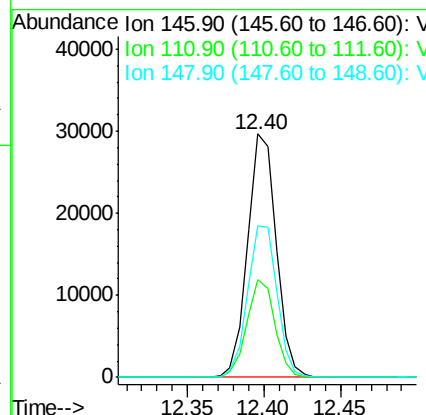
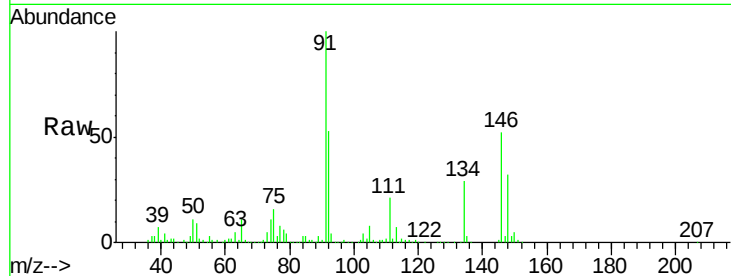
#91
 1,2-Dichlorobenzene
 Concen: 5.264 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000716.D
 Acq: 07 Apr 2018 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.3	57.9
148	64.2	31.9	95.7

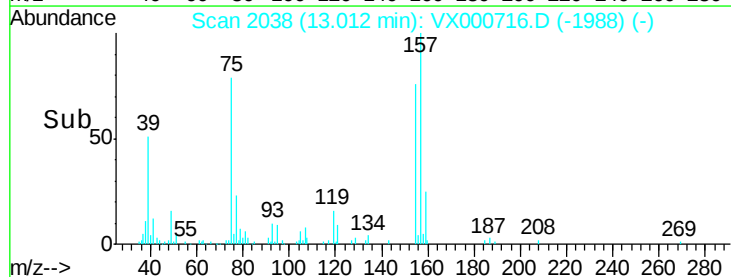
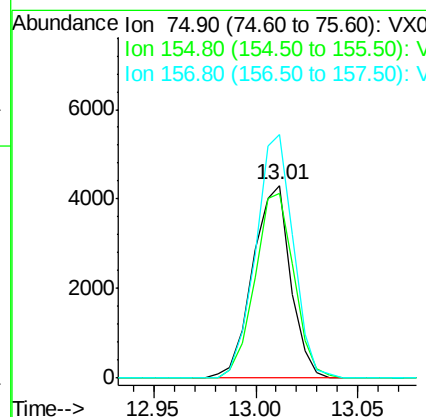
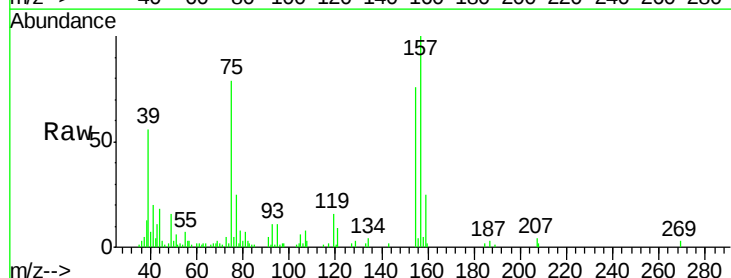
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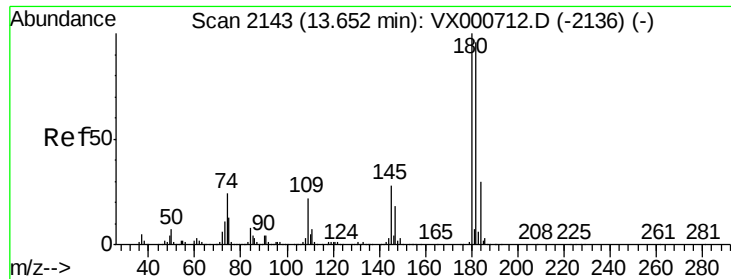
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.962 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: VX000716.D
 Acq: 07 Apr 2018 15:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.7	48.4	145.0
157	125.5	62.8	188.5





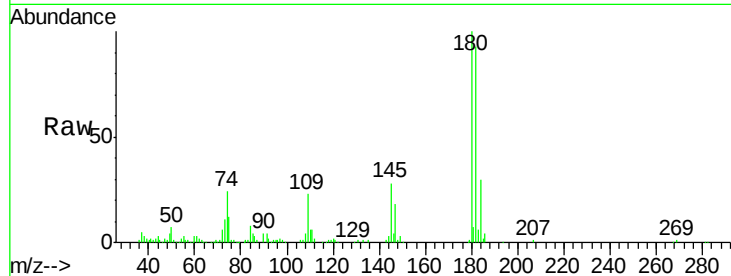
#93
 1,2,4-Trichlorobenzene
 Concen: 5.414 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000716.D
 Acq: 07 Apr 2018 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

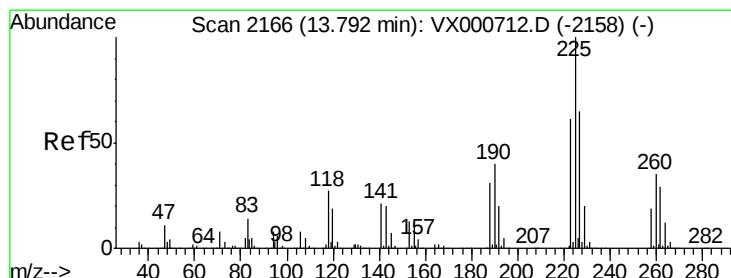
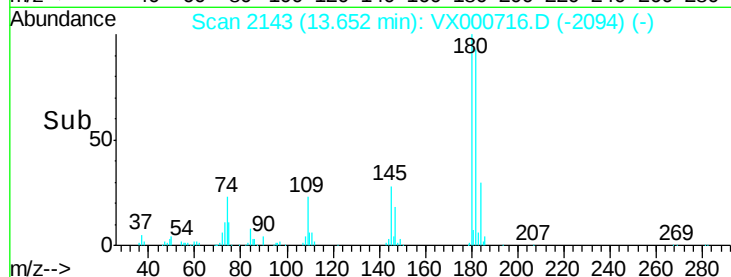
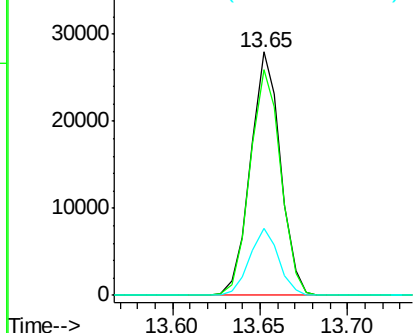
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.9	143.7
145	27.0	14.1	42.3

Manual Integrations
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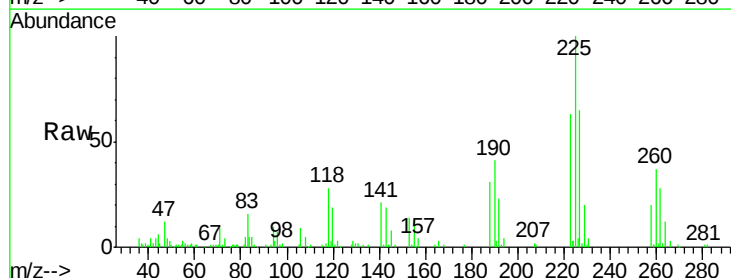


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

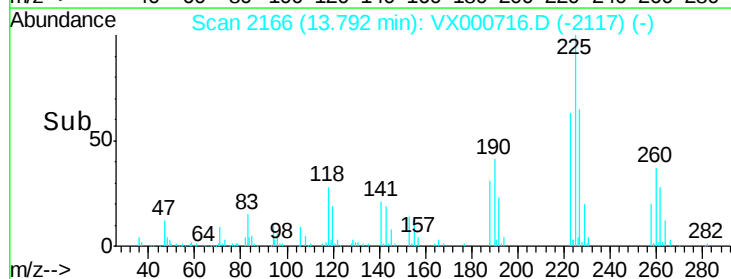
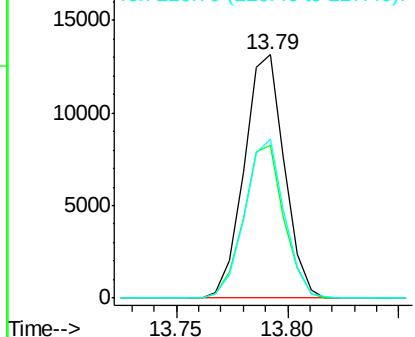


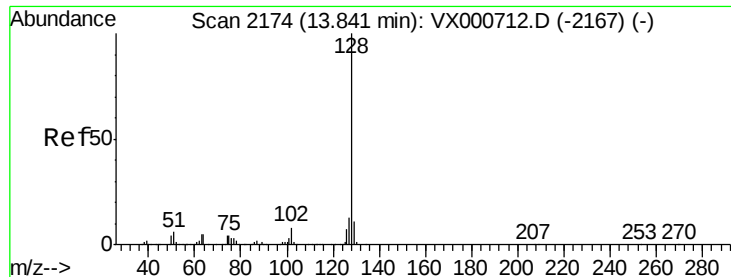
#94
 Hexachlorobutadiene
 Concen: 5.476 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000716.D
 Acq: 07 Apr 2018 15:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	30.9	92.8
227	64.1	31.9	95.7



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





#95

Naphthalene

Concen: 5.097 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Instrument :

MSVOA_X

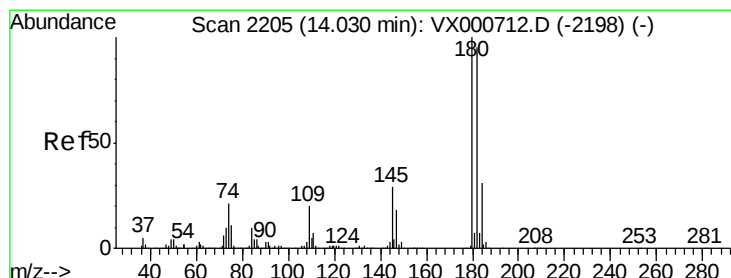
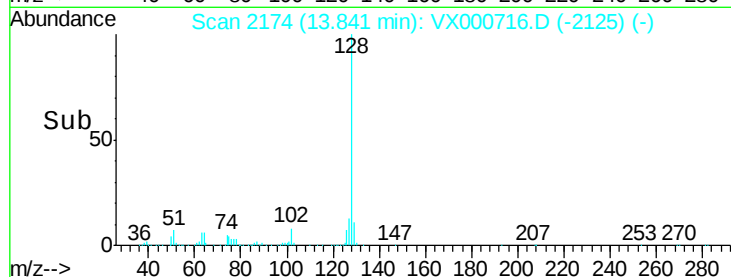
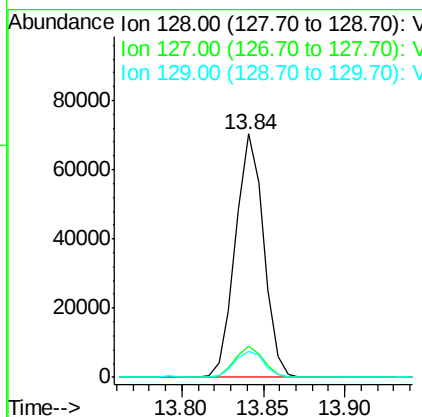
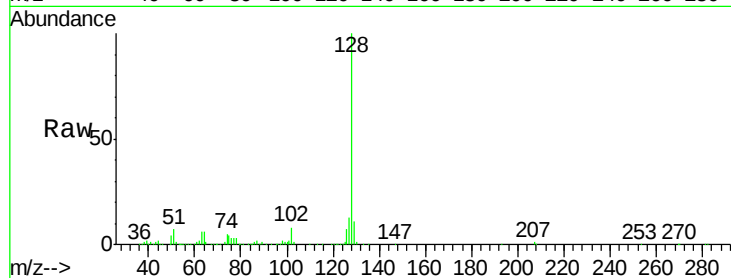
ClientSampleId :

VSTDIC005

Tgt Ion:	128	Resp:	84965
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	11.2	8.8	13.2

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#96

1,2,3-Trichlorobenzene

Concen: 5.237 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000716.D

Acq: 07 Apr 2018 15:22

Tgt Ion:	180	Resp:	31472
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.8	143.3
145	30.0	14.9	44.9

