

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX020918\
 Data File : VX000043.D
 Acq On : 09 Feb 2018 15:08
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ClientSampled :
 VSTDICC001

Manual Integrations
 APPROVED

sam
 2/14/2018 5:29:23 PM

Quant Time: Feb 09 22:59:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 22:29:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	139925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	222674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	208854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	115995	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	1756	1.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.36%	
35) Dibromofluoromethane	5.51	113	1280	0.99	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	1.98%	
50) Toluene-d8	8.73	98	5278	1.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.18%	
62) 4-Bromofluorobenzene	11.15	95	2166	1.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	1439	1.13	ug/l	91
3) Chloromethane	1.32	50	1472	1.11	ug/l	97
4) Vinyl Chloride	1.41	62	1591	1.07	ug/l	97
5) Bromomethane	1.65	94	918	0.81	ug/l #	77
6) Chloroethane	1.73	64	1047	1.19	ug/l #	85
7) Trichlorofluoromethane	1.94	101	2788	1.08	ug/l	90
8) Diethyl Ether	2.20	74	1038	1.16	ug/l	59
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1612	1.12	ug/l #	95
12) 1,1-Dichloroethene	2.38	96	1584	1.14	ug/l	93
14) Allyl chloride	2.73	41	2924	1.21	ug/l #	87
15) Acrylonitrile	3.15	53	5724	5.47	ug/l	98
16) Acetone	2.45	43	5455	4.49	ug/l	97
17) Carbon Disulfide	2.57	76	4532	1.15	ug/l #	84
18) Methyl Acetate	2.78	43	2132	0.91	ug/l #	84
19) Methyl tert-butyl Ether	3.22	73	5159	1.11	ug/l	95
20) Methylene Chloride	2.87	84	1669	1.14	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	1707	1.16	ug/l #	83
22) Diisopropyl ether	3.89	45	4809	1.13	ug/l	92
23) Vinyl Acetate	3.83	43	18842	5.13	ug/l	98
24) 1,1-Dichloroethane	3.71	63	2700	1.08	ug/l #	95
25) 2-Butanone	4.72	43	7318	4.88	ug/l	95
26) 2,2-Dichloropropane	4.60	77	2304	1.08	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	1541	1.07	ug/l	96
28) Bromochloromethane	5.03	49	921	1.11	ug/l #	78
29) Tetrahydrofuran	5.18	42	4966	5.34	ug/l	99
30) Chloroform	5.23	83	2732	1.14	ug/l	90
31) Cyclohexane	5.59	56	2273	1.15	ug/l	91
32) 1,1,1-Trichloroethane	5.51	97	2514	1.09	ug/l #	48
36) 1,1-Dichloropropene	5.81	75	2306	1.26	ug/l	92
37) Ethyl Acetate	4.87	43	3000	1.18	ug/l #	95
38) Carbon Tetrachloride	5.79	117	2292	1.19	ug/l	92
39) Methylcyclohexane	7.46	83	2534	1.09	ug/l	92
40) Benzene	6.15	78	5966	1.11	ug/l	94
41) Methacrylonitrile	5.09	41	1395m	1.06	ug/l	

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 ALS Vial : 2 Sample Multiplier: 1

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 ClientSampleId :
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Manual Integrations
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Quant Time: Feb 09 22:59:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 22:29:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.21	62	2068	1.08	ug/l	94
43) Isopropyl Acetate	6.48	43	4221	1.13	ug/l	96
44) Trichloroethene	7.23	130	1834	1.08	ug/l	88
45) 1,2-Dichloropropane	7.52	63	1378	1.03	ug/l #	78
46) Dibromomethane	7.67	93	1055	1.01	ug/l	90
47) Bromodichloromethane	7.91	83	2017	1.04	ug/l	94
48) Methyl methacrylate	7.79	41	2199	1.20	ug/l	94
49) 1,4-Dioxane	7.77	88	931	17.61	ug/l #	80
51) 4-Methyl-2-Pentanone	8.66	43	13143	4.94	ug/l	99
52) Toluene	8.79	92	3823	1.06	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	2368	1.04	ug/l	90
54) cis-1,3-Dichloropropene	9.05	75	2191	0.99	ug/l #	88
55) 1,1,2-Trichloroethane	9.23	97	1695	1.12	ug/l	93
56) Ethyl methacrylate	9.19	69	2324	0.99	ug/l #	82
57) 1,3-Dichloropropane	9.38	76	2537	1.06	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	6001	5.75	ug/l	100
59) 2-Hexanone	9.51	43	10251	4.50	ug/l	97
60) Dibromochloromethane	9.59	129	1691	0.99	ug/l	98
61) 1,2-Dibromoethane	9.68	107	1682	1.01	ug/l	91
64) Tetrachloroethene	9.34	164	1586	1.00	ug/l	87
65) Chlorobenzene	10.15	112	4521	1.07	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.23	131	1484	0.96	ug/l #	65
67) Ethyl Benzene	10.26	91	7550	1.07	ug/l	95
68) m/p-Xylenes	10.37	106	5961	2.13	ug/l	99
69) o-Xylene	10.71	106	2718	1.00	ug/l	92
70) Styrene	10.72	104	4914	1.09	ug/l	99
71) Bromoform	10.87	173	1279	0.88	ug/l #	93
73) Isopropylbenzene	11.02	105	7856	1.10	ug/l	98
74) N-amyl acetate	6.48	43	4221	1.18	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.28	83	2665	1.09	ug/l	92
76) 1,2,3-Trichloropropane	11.30	75	2243m	1.01	ug/l	
77) Bromobenzene	11.26	156	2095	1.10	ug/l	97
78) n-propylbenzene	11.37	91	9036	1.09	ug/l	100
79) 2-Chlorotoluene	11.43	91	5328	1.13	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	6329	1.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	821	1.03	ug/l #	85
82) 4-Chlorotoluene	11.52	91	6392	1.12	ug/l	95
83) tert-Butylbenzene	11.78	119	6580	1.08	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	6467	1.04	ug/l	100
85) sec-Butylbenzene	11.96	105	8018	1.07	ug/l	98
86) p-Isopropyltoluene	12.07	119	7290	1.08	ug/l	93
87) 1,3-Dichlorobenzene	12.04	146	3981	1.08	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	4260m	1.14	ug/l	
89) n-Butylbenzene	12.40	91	7066	1.12	ug/l	98
90) Hexachloroethane	12.60	117	1297	1.20	ug/l	77
91) 1,2-Dichlorobenzene	12.40	146	3828	1.06	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	762	1.06	ug/l	93
93) 1,2,4-Trichlorobenzene	13.66	180	3061	1.10	ug/l	94
94) Hexachlorobutadiene	13.79	225	1389	1.09	ug/l	97
95) Naphthalene	13.85	128	9302	0.99	ug/l	99

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
ClientSampleId :
VSTDICC001

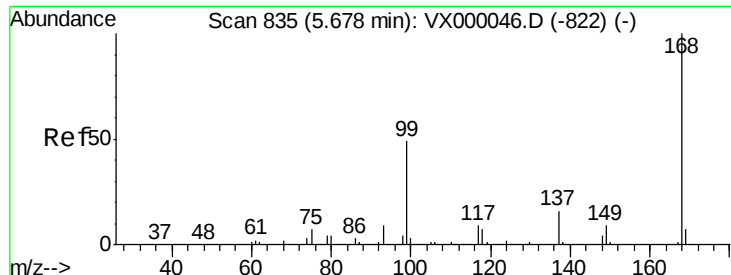
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 09 22:29:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.03	180	2786	1.02	ug/l	98

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



#1

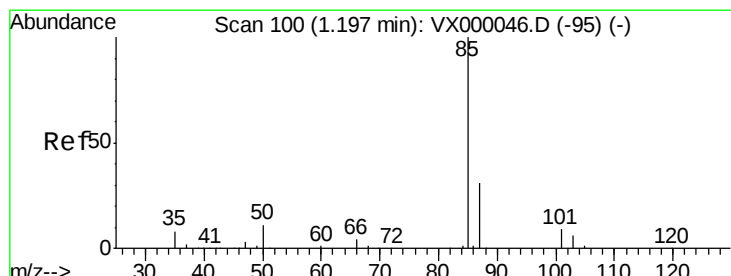
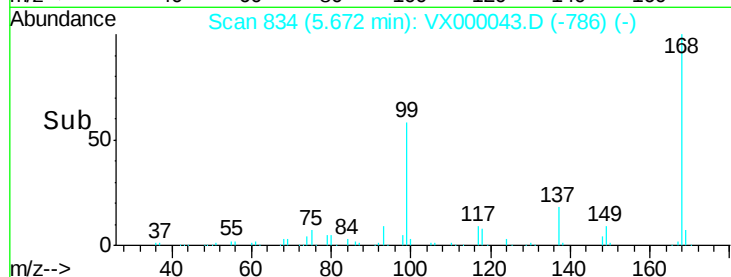
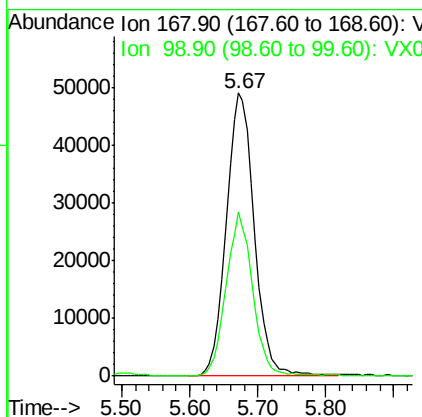
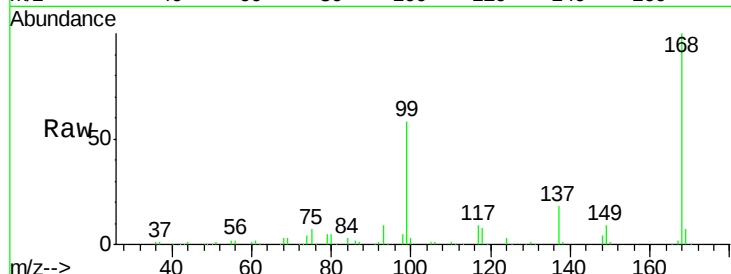
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Instrument :
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	139925		
99	58.1	39.4	59.2	

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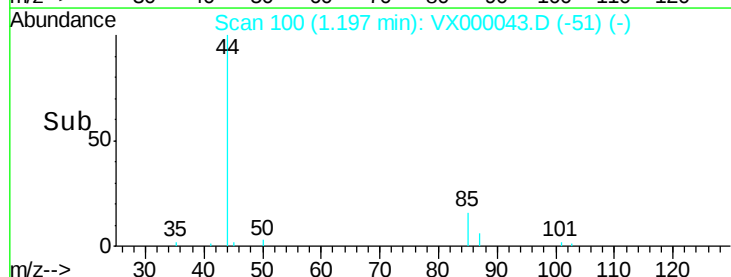
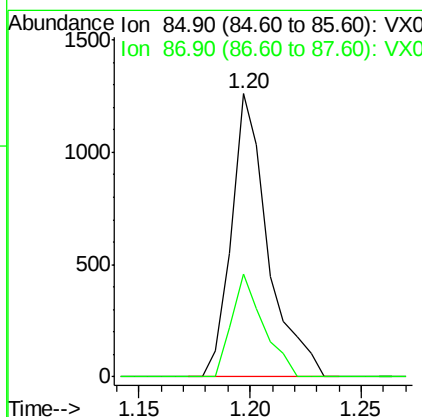
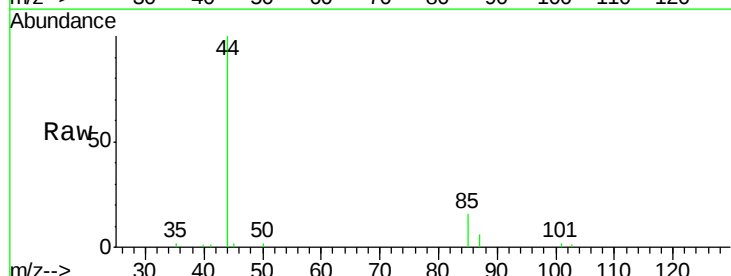
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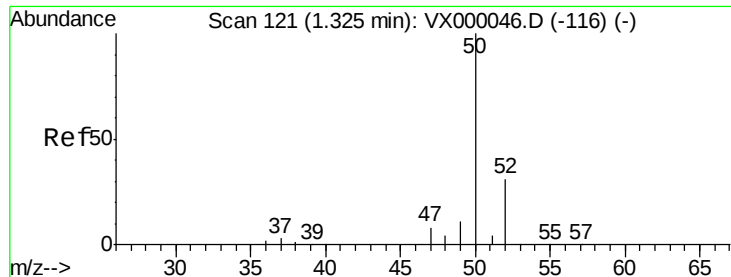


#2

Dichlorodifluoromethane
 Concen: 1.13 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. -0.00 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	1439		
87	36.5	15.7	47.0	





#3

Chloromethane

Concen: 1.11 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Instrument :

ClientSampled :

VSTDIC001

Tgt Ion: 50 Resp: 1472

Ion Ratio Lower Upper

50 100

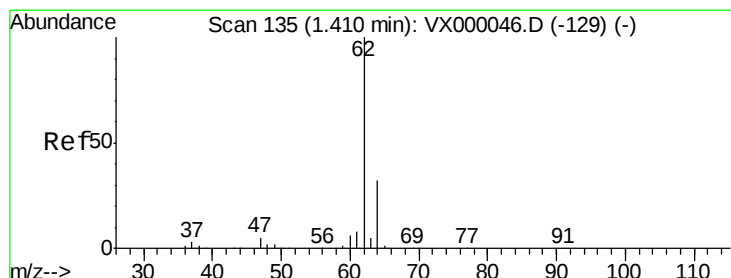
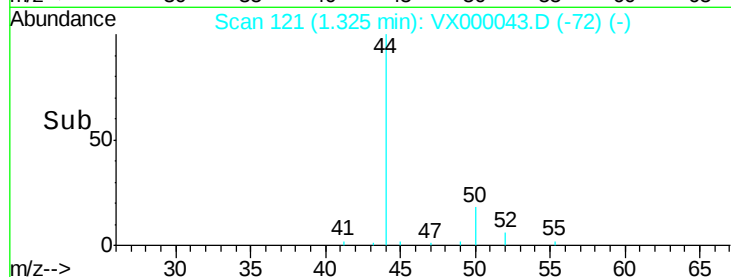
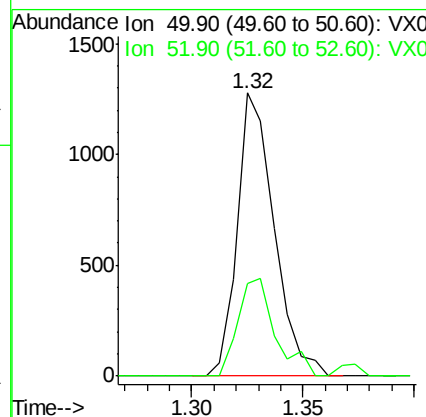
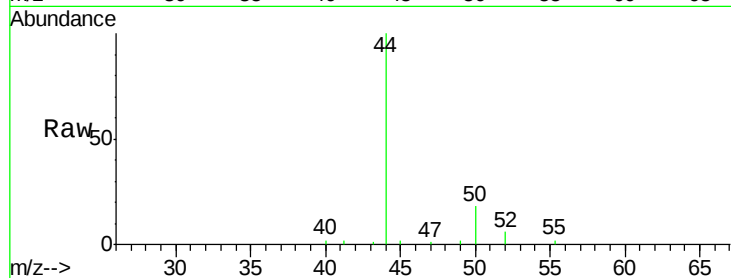
52 32.9 25.0 37.6

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#4

Vinyl Chloride

Concen: 1.07 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000043.D

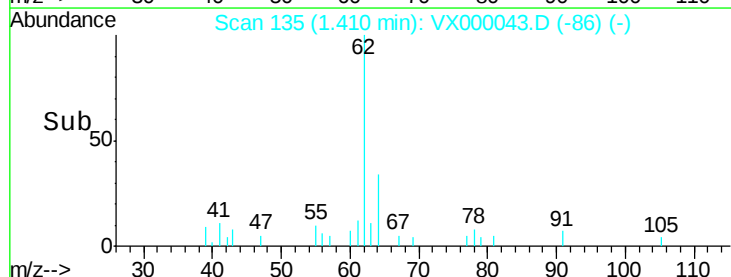
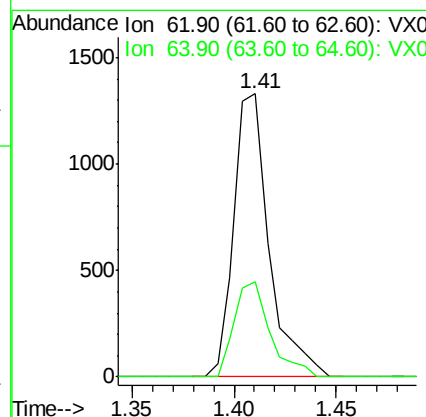
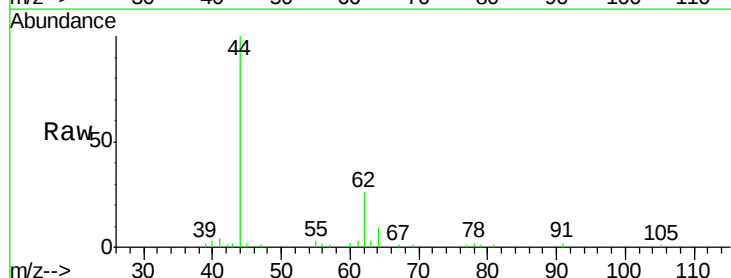
Acq: 09 Feb 2018 15:08

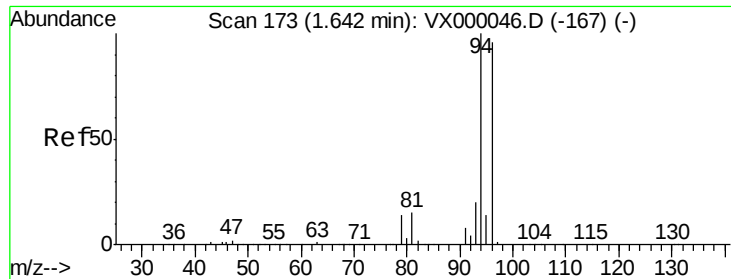
Tgt Ion: 62 Resp: 1591

Ion Ratio Lower Upper

62 100

64 33.5 25.4 38.0





#5

Bromomethane

Concen: 0.81 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Instrument :

ClientSampleId :

VSTDIC001

Tgt Ion: 94 Resp: 918

Ion Ratio Lower Upper

94 100

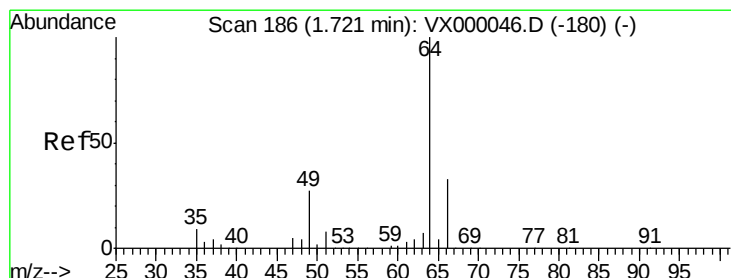
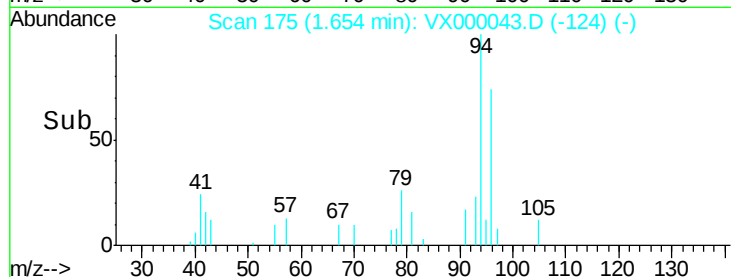
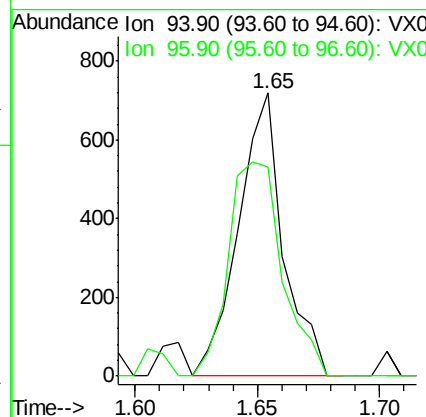
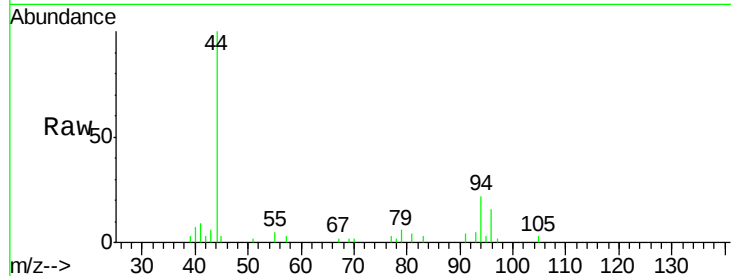
96 73.9 76.7 115.1#

Manual Integrations

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#6

Chloroethane

Concen: 1.19 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000043.D

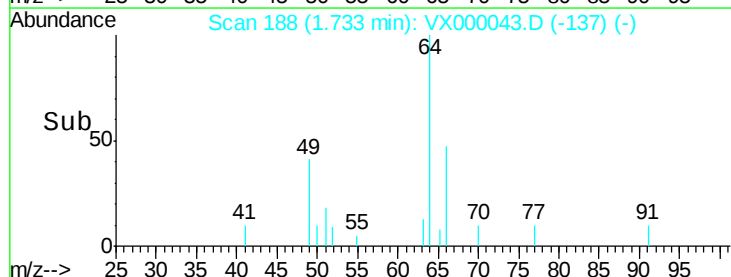
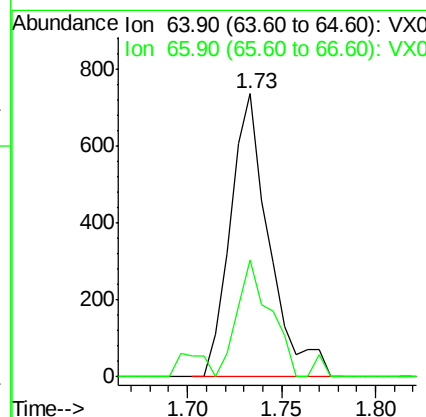
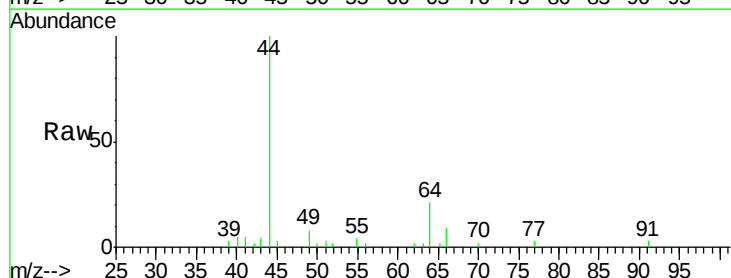
Acq: 09 Feb 2018 15:08

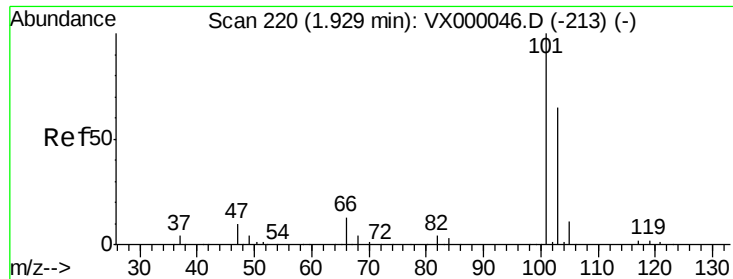
Tgt Ion: 64 Resp: 1047

Ion Ratio Lower Upper

64 100

66 41.3 26.4 39.6#





#7

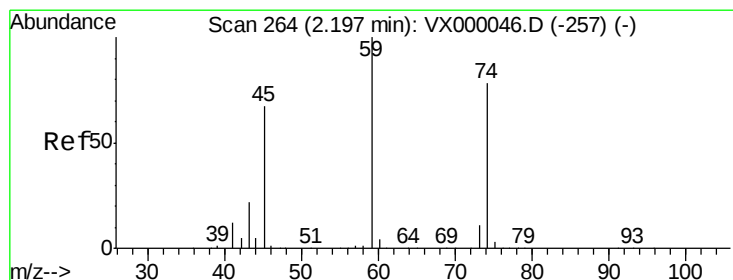
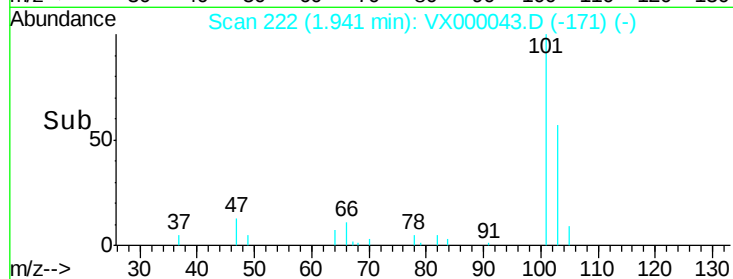
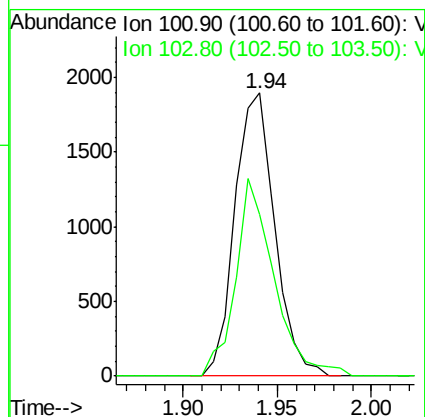
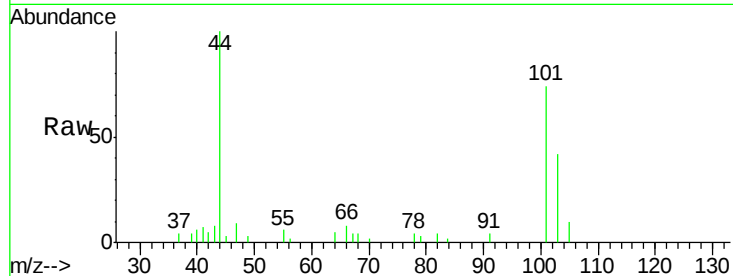
Trichlorofluoromethane
 Concen: 1.08 ug/l
 RT: 1.94 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Instrument :
 ClientSampled :
 VSTDIC001

Tgt Ion:101 Resp: 2788
 Ion Ratio Lower Upper
 101 100
 103 57.3 52.3 78.5

Manual Integrations
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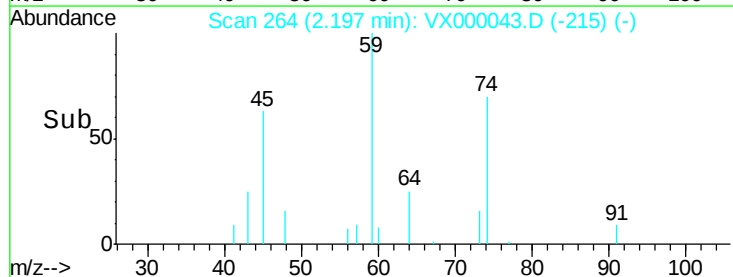
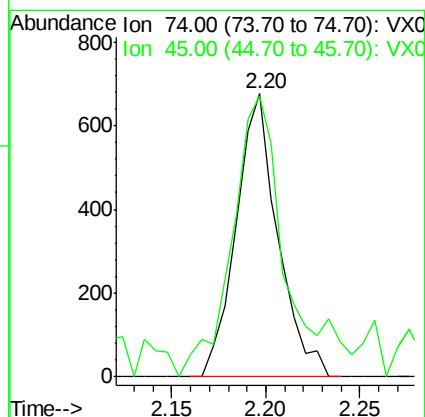
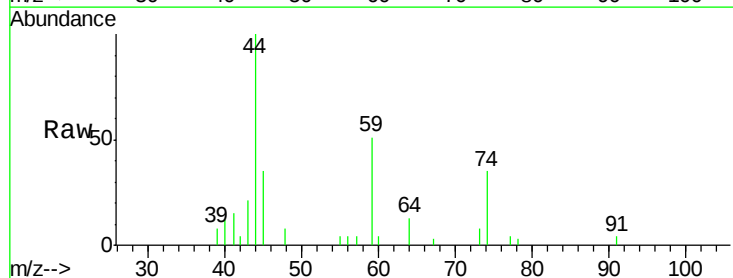
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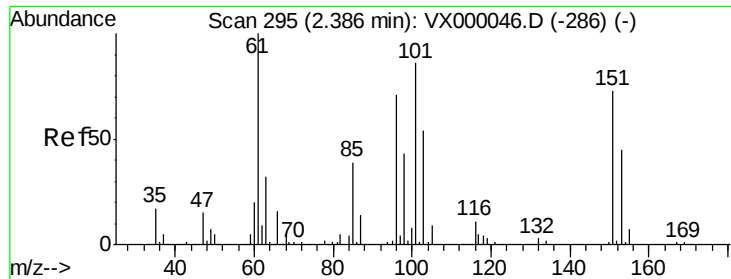


#8

Diethyl Ether
 Concen: 1.16 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Tgt Ion: 74 Resp: 1038
 Ion Ratio Lower Upper
 74 100
 45 127.2 44.3 132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.12 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Instrument :

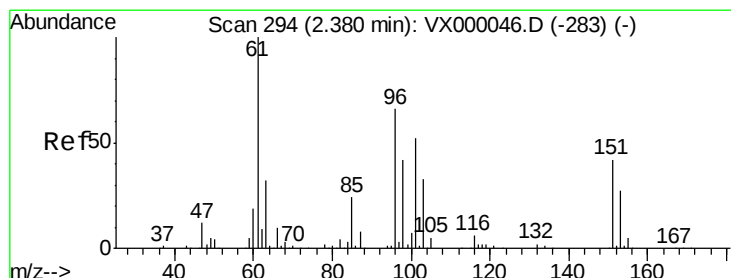
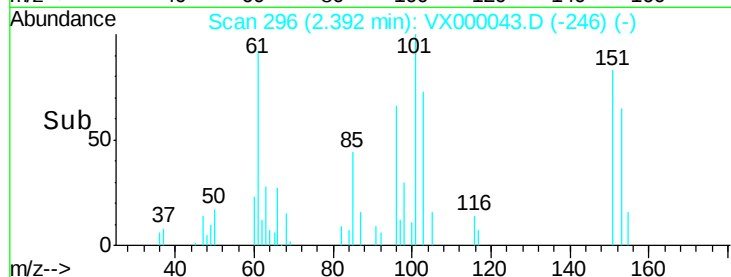
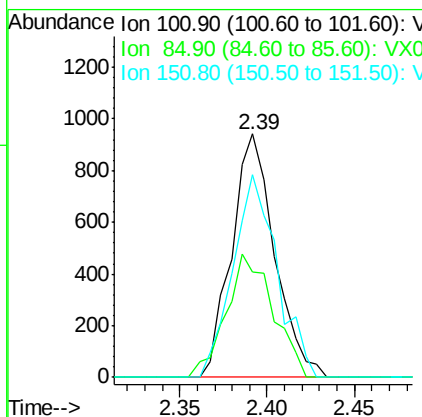
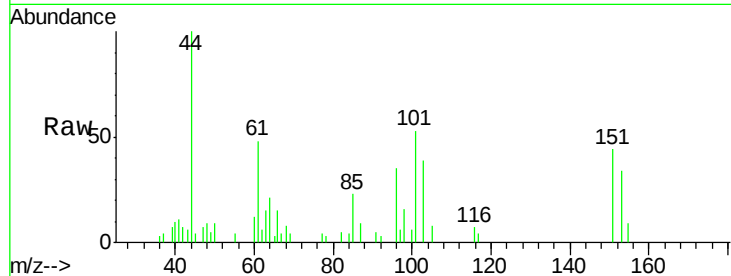
ClientSampled :

VSTDIC001

Tgt Ion	Ratio	Lower	Upper
101	100		
85	55.0	36.6	54.8#
151	85.8	68.8	103.2

Manual Integrations
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#12

1,1-Dichloroethene

Concen: 1.14 ug/l

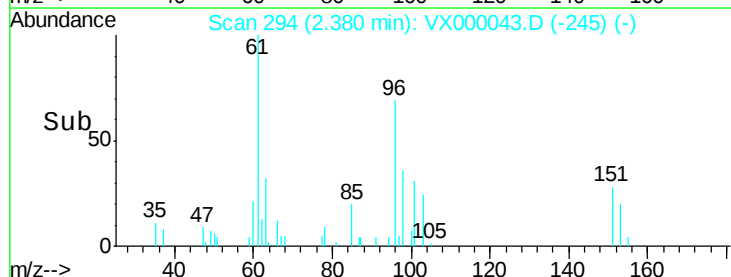
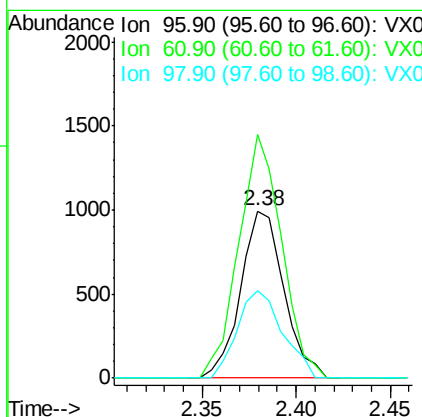
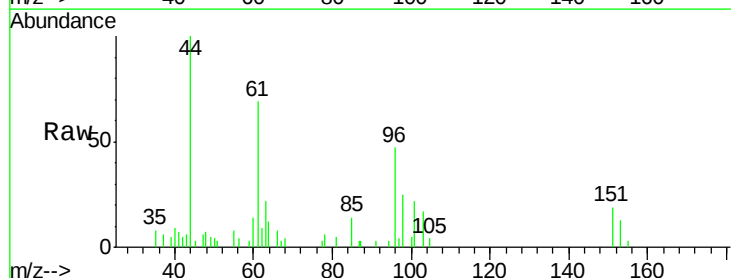
RT: 2.38 min Scan# 294

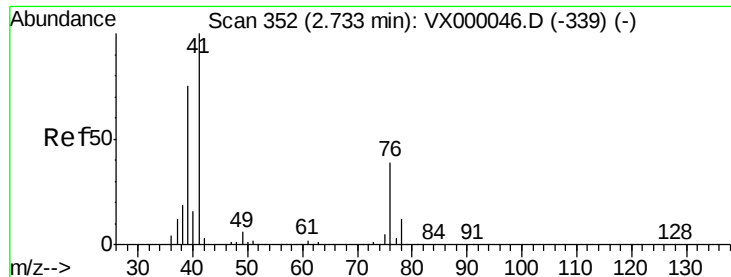
Delta R.T. -0.00 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.7	120.3	180.5
98	52.5	51.0	76.4





#14

Allyl chloride

Concen: 1.21 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Instrument :

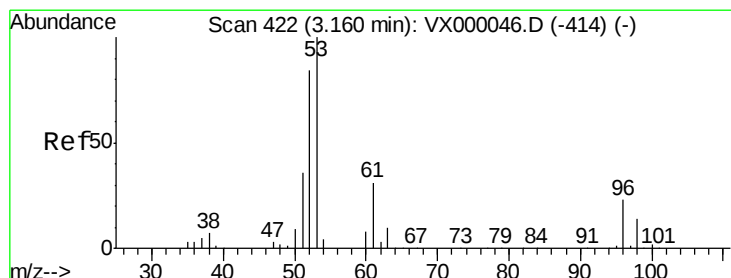
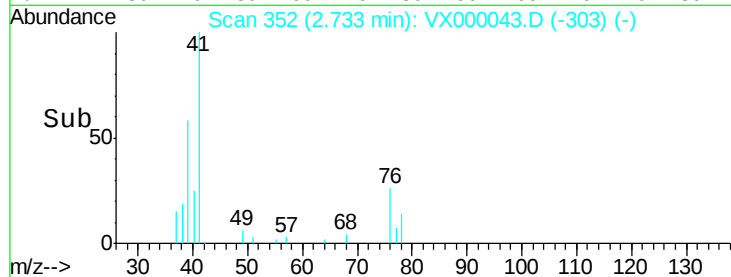
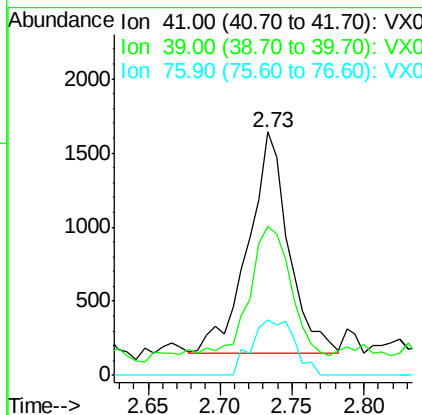
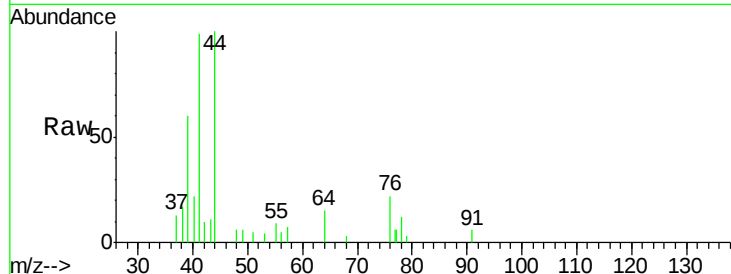
ClientSampled :

VSTDIC001

Tgt Ion:	41	Resp:	2924
Ion Ratio	Lower	Upper	
41	100		
39	59.8	55.8	83.6
76	26.6	28.7	43.1#

Manual Integrations
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#15

Acrylonitrile

Concen: 5.47 ug/l

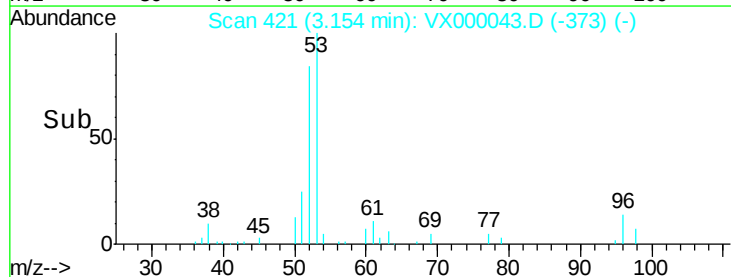
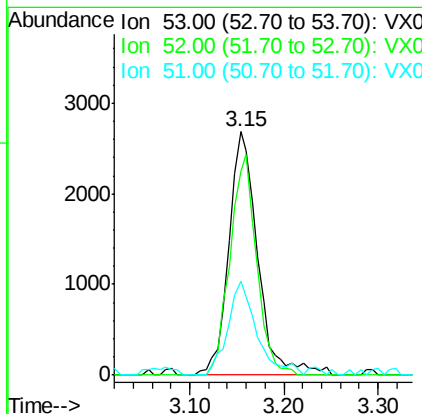
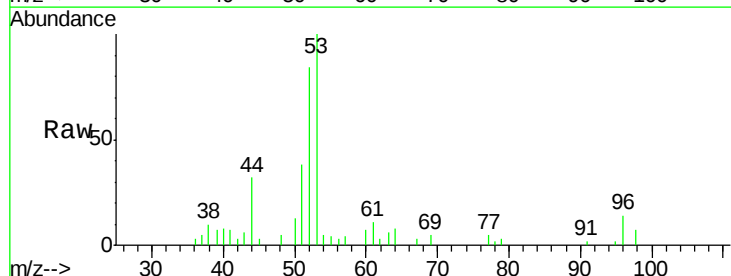
RT: 3.15 min Scan# 421

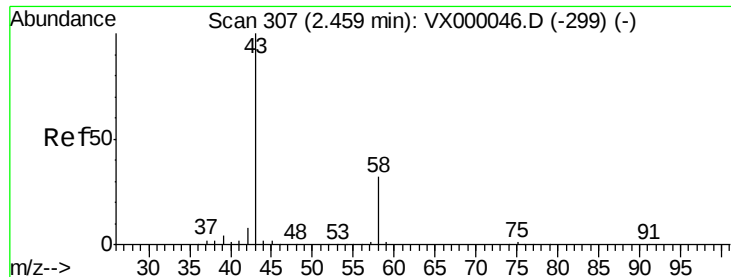
Delta R.T. -0.01 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Tgt Ion:	53	Resp:	5724
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.5	99.7
51	38.6	29.1	43.7





#16

Acetone

Concen: 4.49 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.01 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Instrument :

ClientSampled :

VSTDIC001

Tgt Ion: 43 Resp: 5455

Ion Ratio Lower Upper

43 100

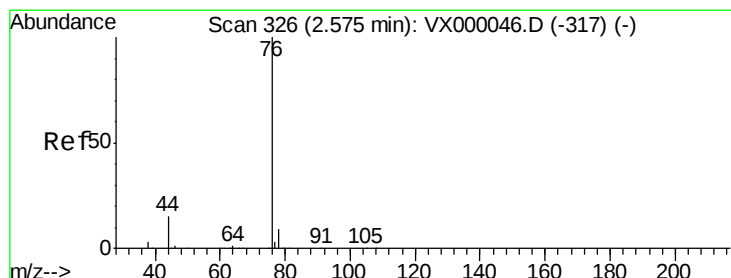
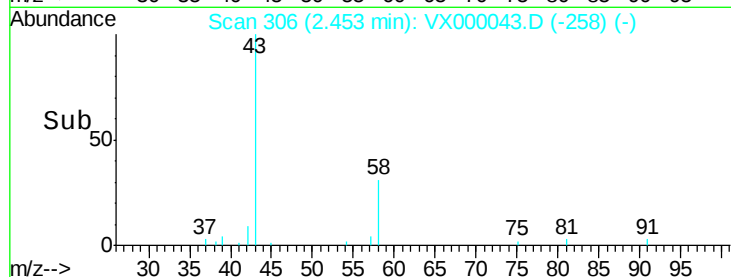
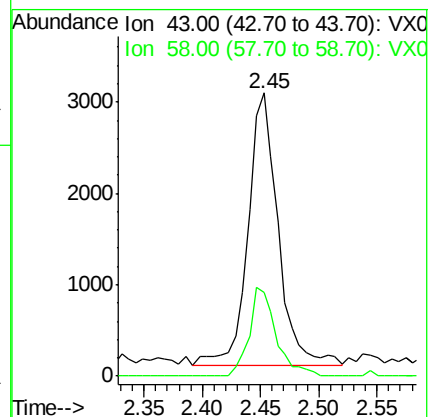
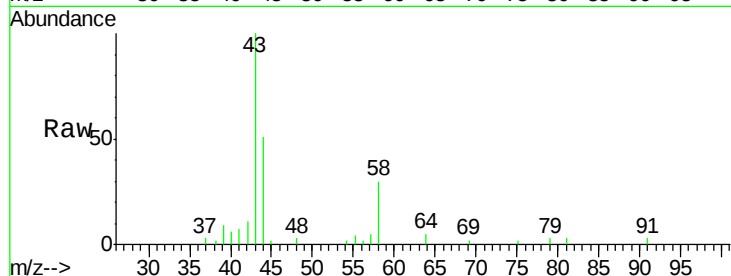
58 30.8 25.9 38.9

Manual Integrations

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#17

Carbon Disulfide

Concen: 1.15 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000043.D

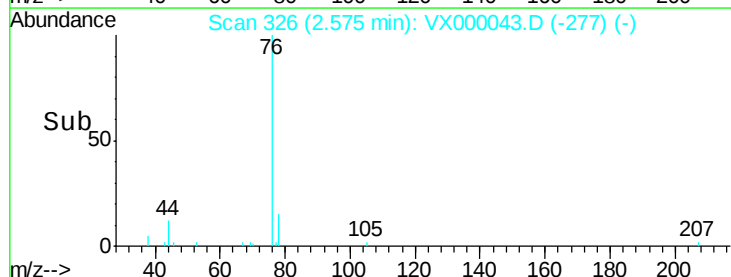
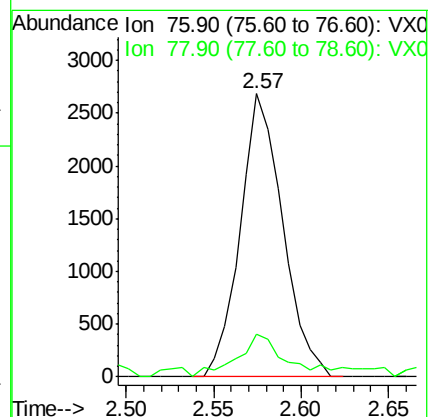
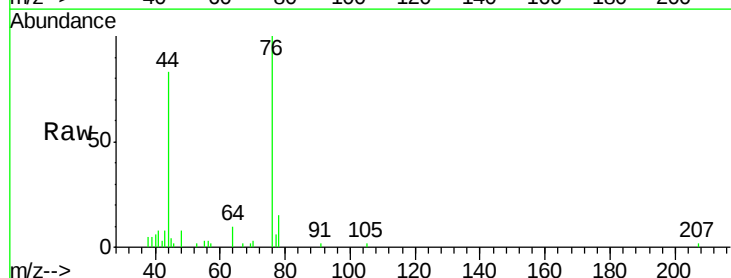
Acq: 09 Feb 2018 15:08

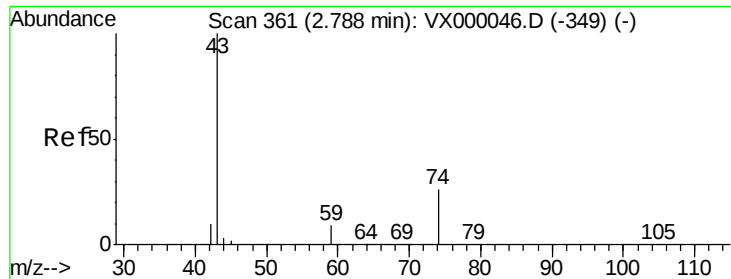
Tgt Ion: 76 Resp: 4532

Ion Ratio Lower Upper

76 100

78 15.2 7.5 11.3#





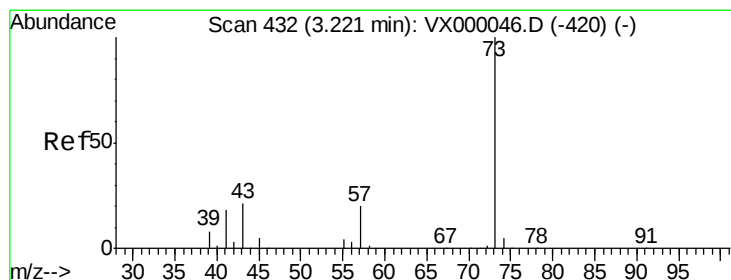
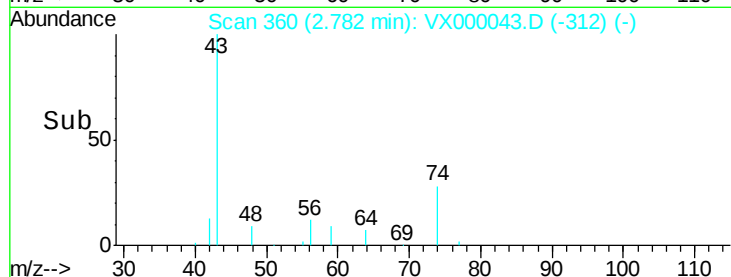
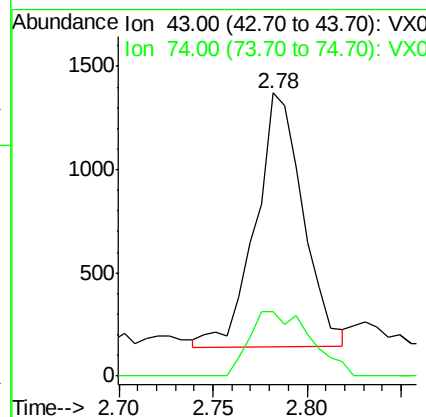
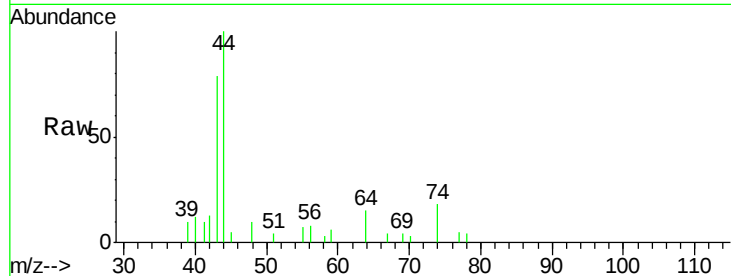
#18
Methyl Acetate
Concen: 0.91 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Instrument :
ClientSampled :
VSTDIC001

Tgt Ion: 43 Resp: 2132
Ion Ratio Lower Upper
43 100
74 33.3 20.2 30.4#

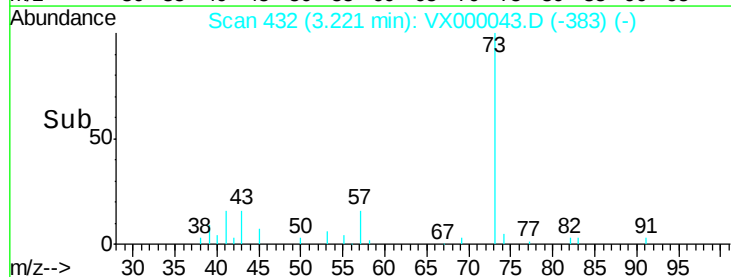
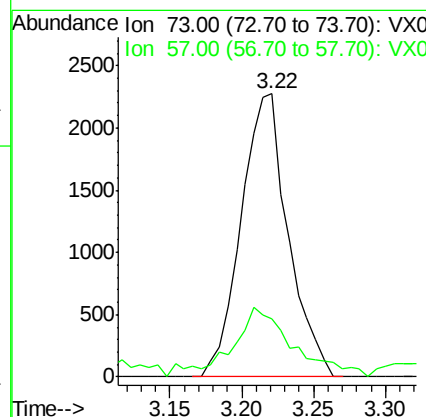
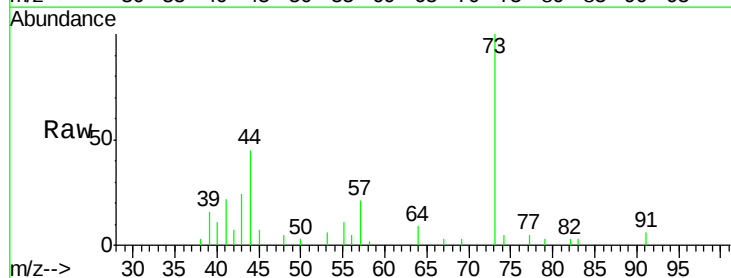
Manual Integrations
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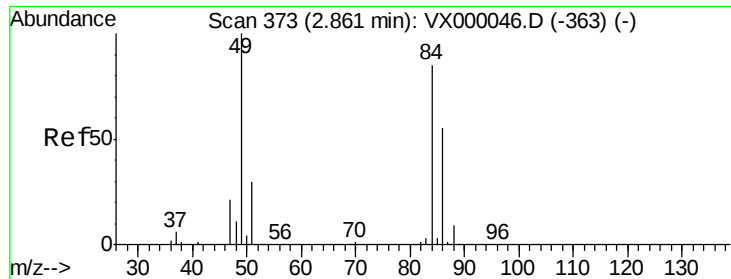
sam
2/14/2018 5:29:23 PM



#19
Methyl tert-butyl Ether
Concen: 1.11 ug/l
RT: 3.22 min Scan# 432
Delta R.T. -0.00 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

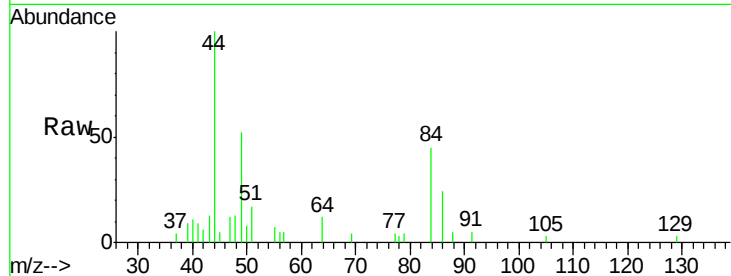
Tgt Ion: 73 Resp: 5159
Ion Ratio Lower Upper
73 100
57 18.0 16.2 24.4





#20
Methylene Chloride
Concen: 1.14 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

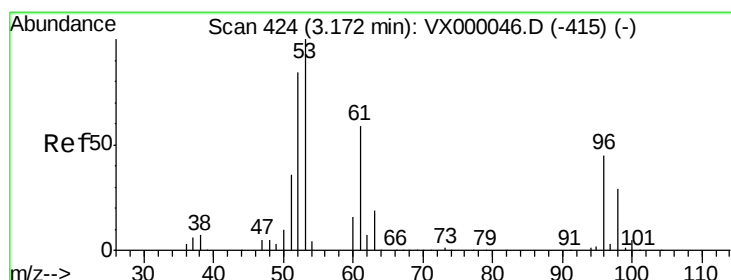
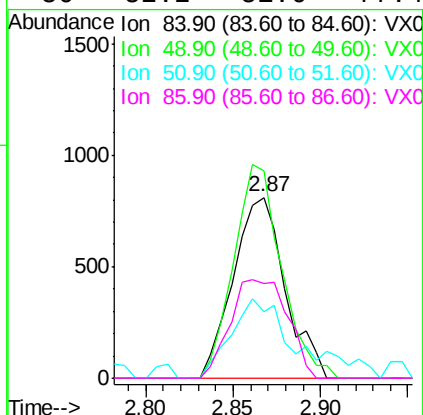
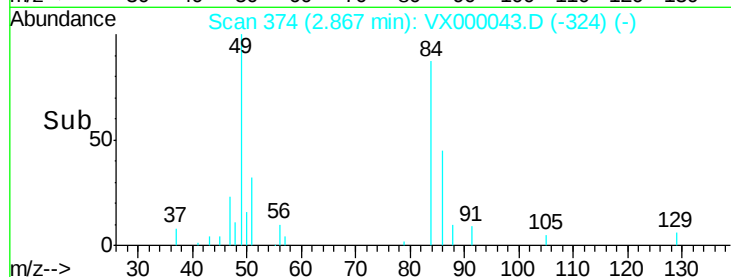
Instrument :
ClientSampleId :
VSTDIC001



Tgt Ion:	84	Resp:	1669
Ion	Ratio	Lower	Upper
84	100		
49	114.8	94.4	141.6
51	37.0	28.3	42.5
86	52.2	51.6	77.4

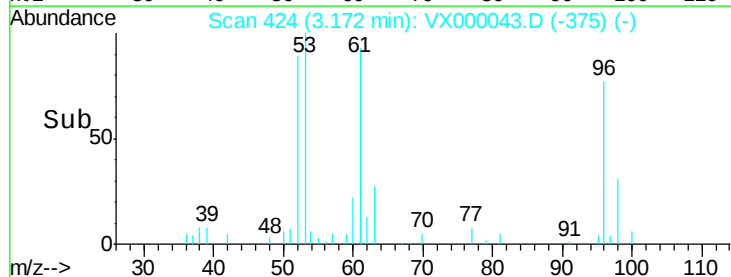
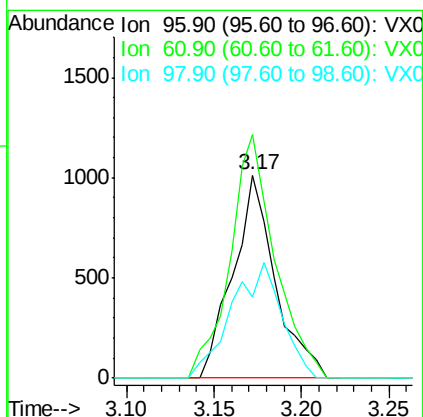
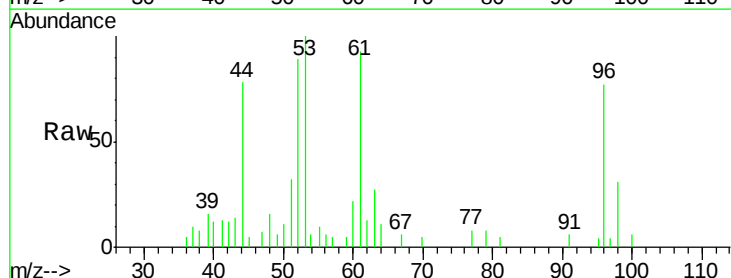
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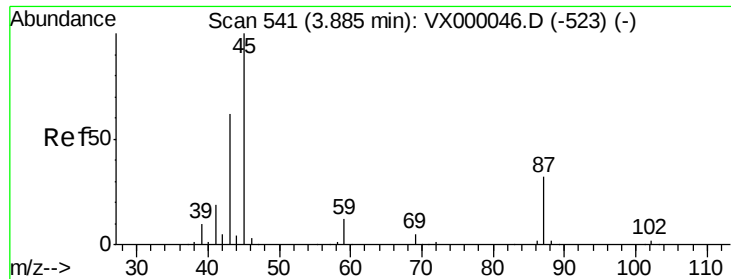
sam
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#21
trans-1,2-Dichloroethene
Concen: 1.16 ug/l
RT: 3.17 min Scan# 424
Delta R.T. -0.00 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Tgt Ion:	96	Resp:	1707
Ion	Ratio	Lower	Upper
96	100		
61	120.1	104.9	157.3
98	40.0	52.4	78.6#





#22

Diisopropyl ether

Concen: 1.13 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

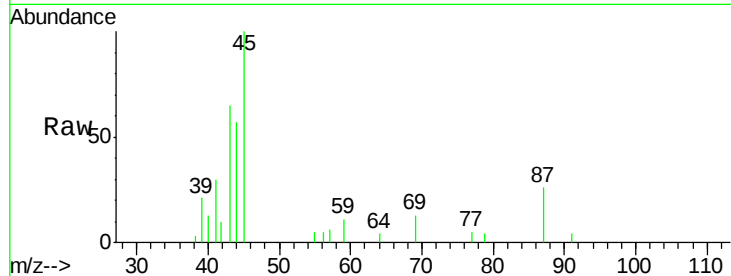
Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Instrument :

ClientSampled :

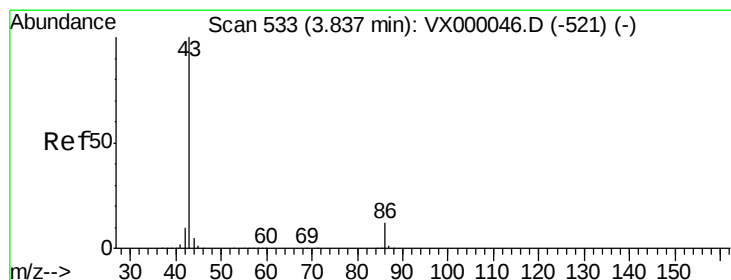
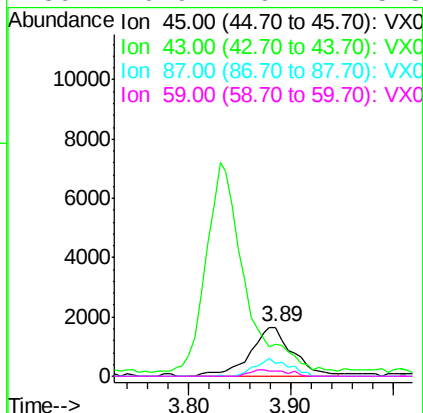
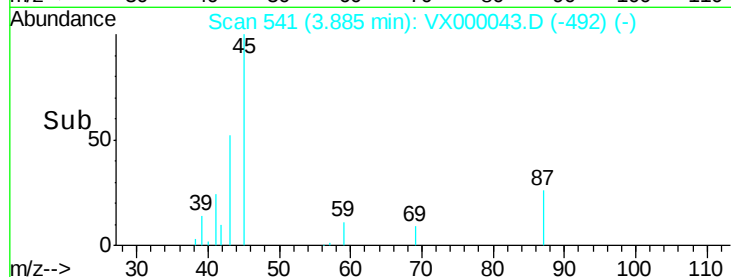
VSTDIC001



Tgt Ion:	45	Resp:	4809
Ion Ratio	Lower	Upper	
45	100		
43	55.7	49.6	74.4
87	25.9	25.9	38.9
59	10.9	9.2	13.8

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#23

Vinyl Acetate

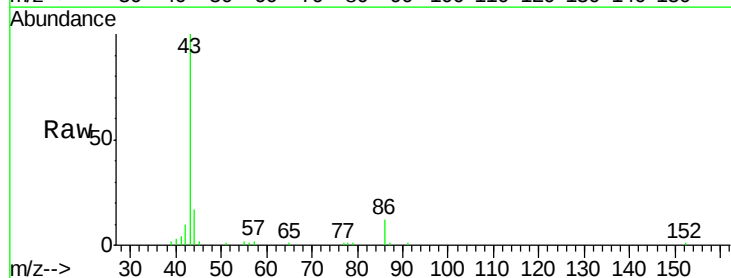
Concen: 5.13 ug/l

RT: 3.83 min Scan# 532

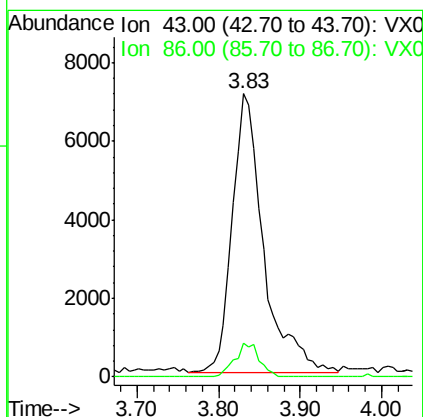
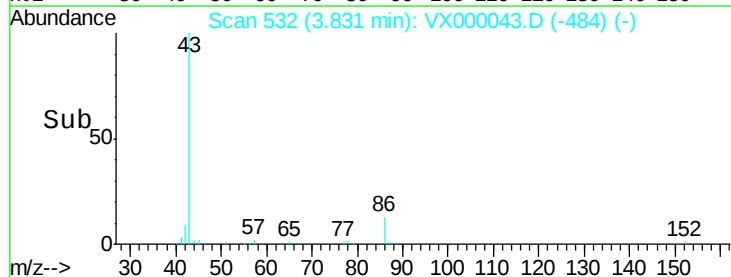
Delta R.T. -0.01 min

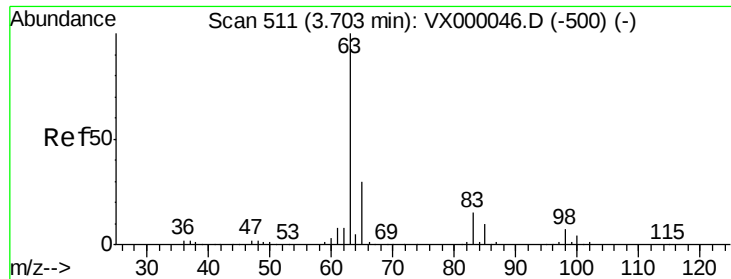
Lab File: VX000043.D

Acq: 09 Feb 2018 15:08



Tgt Ion:	43	Resp:	18842
Ion Ratio	Lower	Upper	
43	100		
86	12.3	9.3	13.9





#24

1,1-Dichloroethane

Concen: 1.08 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

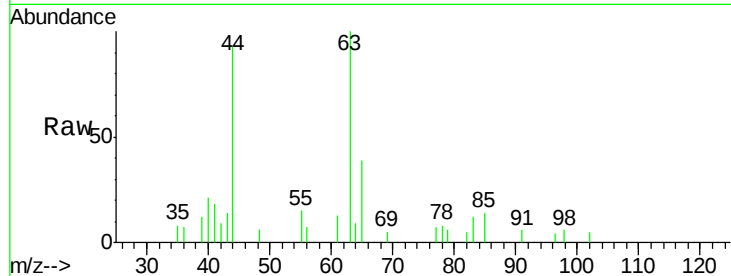
Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Instrument :

ClientSampled :

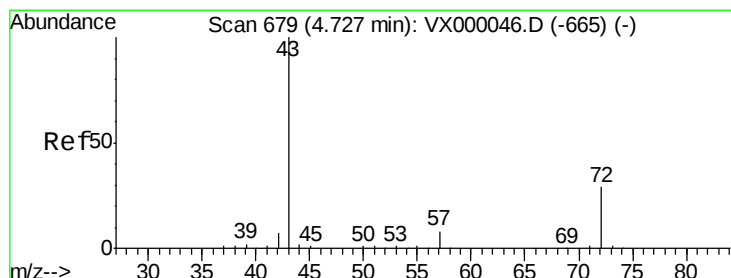
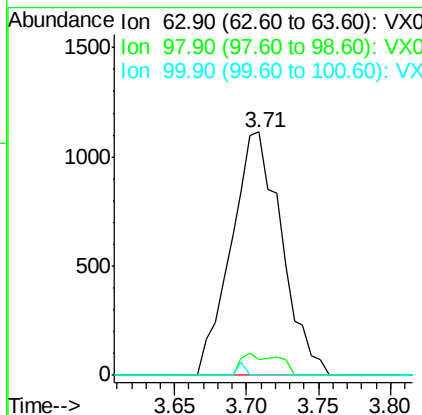
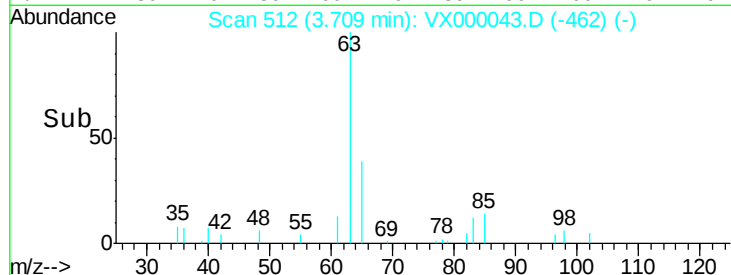
VSTDIC001



Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.3	9.9
100	0.0	2.1	6.2#

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#25

2-Butanone

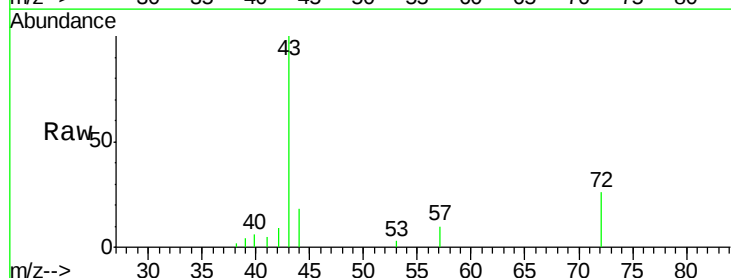
Concen: 4.88 ug/l

RT: 4.72 min Scan# 678

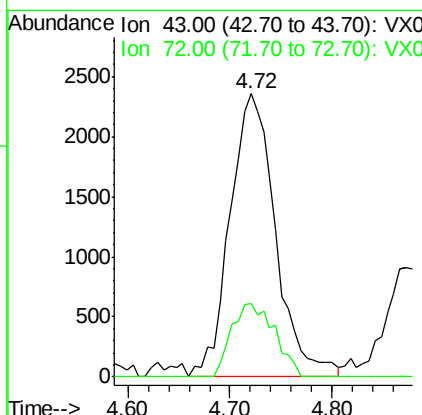
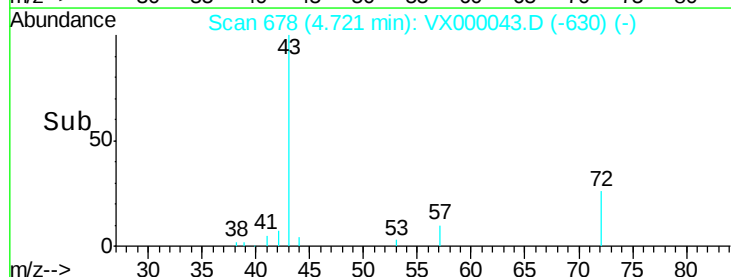
Delta R.T. -0.01 min

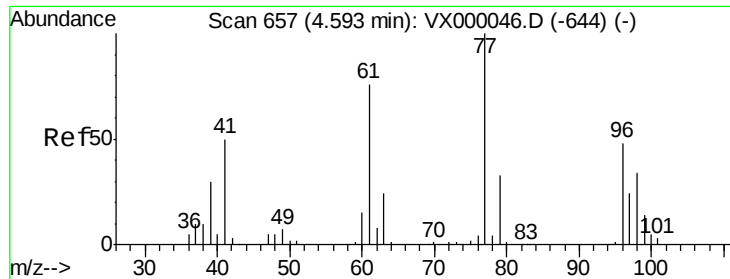
Lab File: VX000043.D

Acq: 09 Feb 2018 15:08



Tgt Ion	Ratio	Lower	Upper
43	100		
72	26.1	23.0	34.6





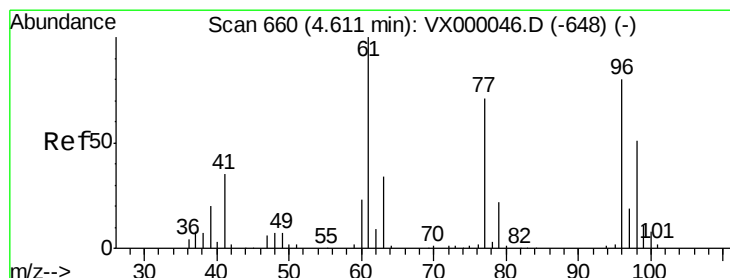
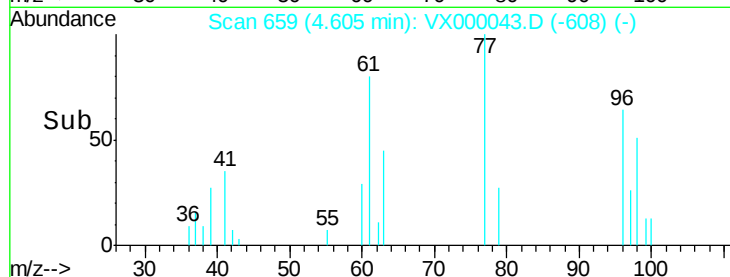
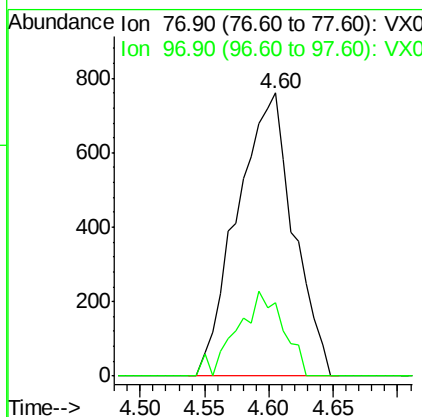
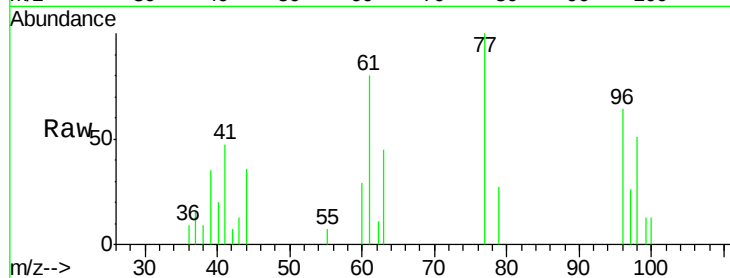
#26
 2,2-Dichloropropane
 Concen: 1.08 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Instrument :
 ClientSampled :
 VSTDIC001

Tgt Ion: 77 Resp: 2304
 Ion Ratio Lower Upper
 77 100
 97 24.6 11.8 35.4

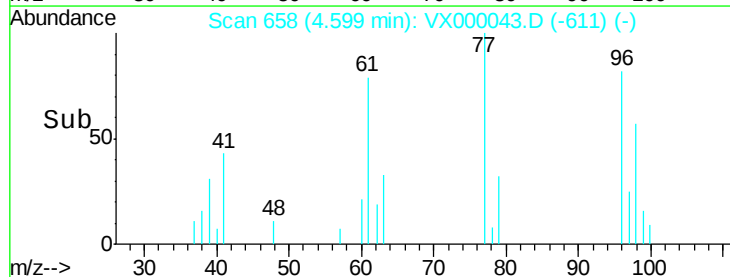
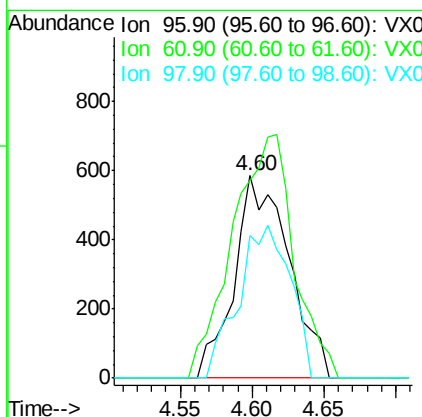
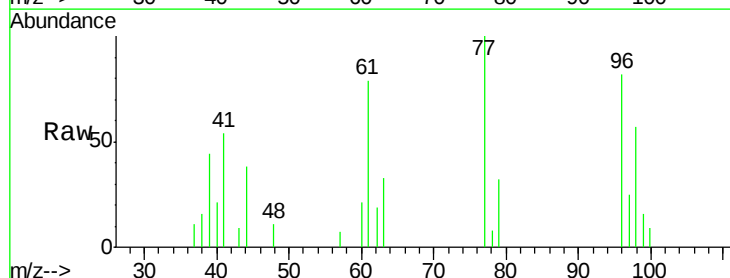
Manual Integrations
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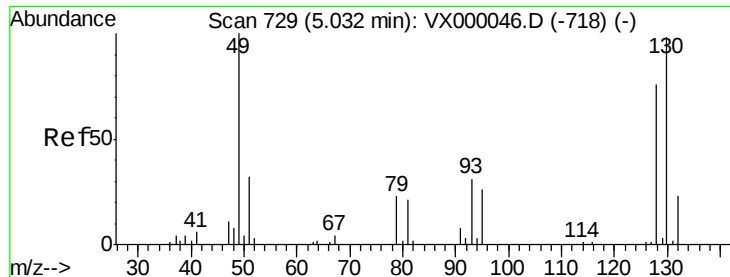
sam
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#27
 cis-1,2-Dichloroethene
 Concen: 1.07 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Tgt Ion: 96 Resp: 1541
 Ion Ratio Lower Upper
 96 100
 61 135.0 0.0 274.4
 98 72.1 0.0 132.4





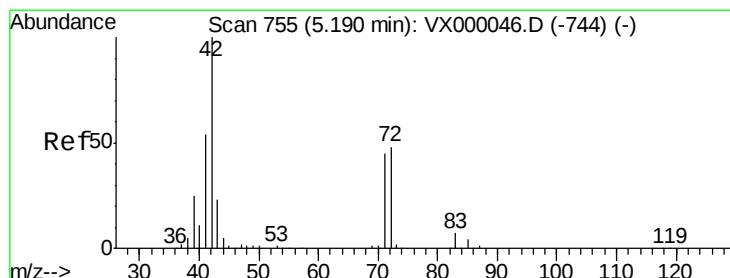
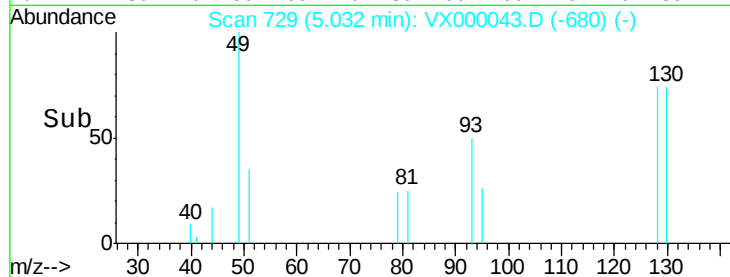
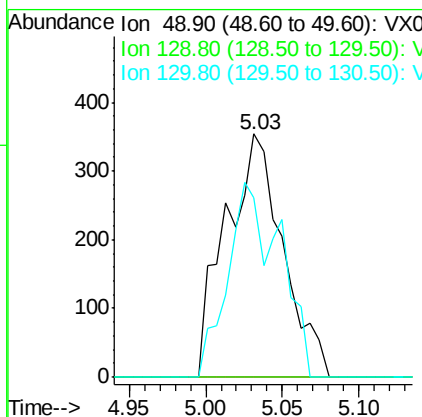
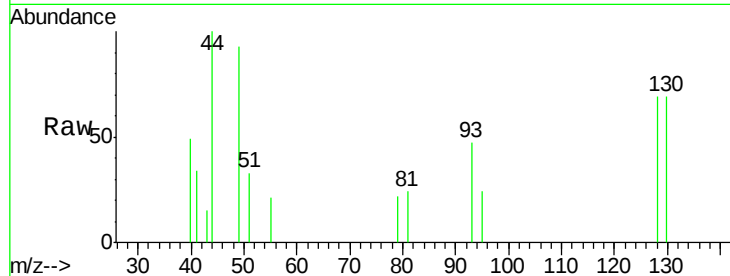
#28
Bromochloromethane
Concen: 1.11 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Instrument :
ClientSampleId :
VSTDIC001

Tgt Ion: 49 Resp: 921
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.0
130 73.0 75.6 113.4#

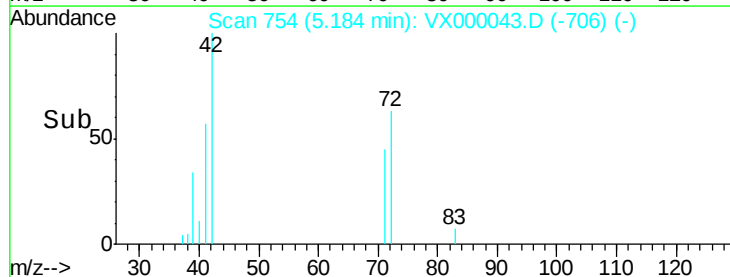
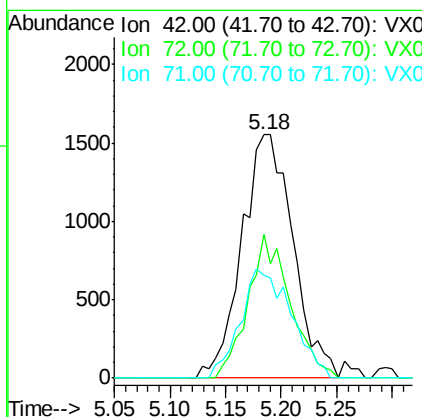
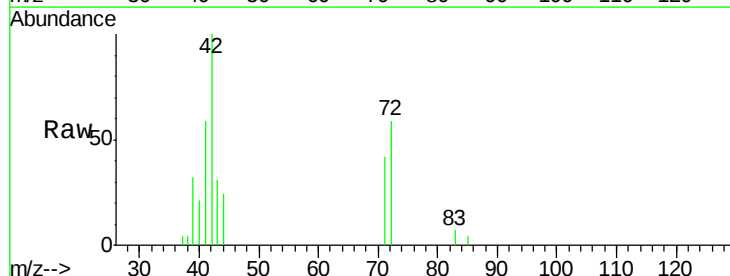
Manual Integrations
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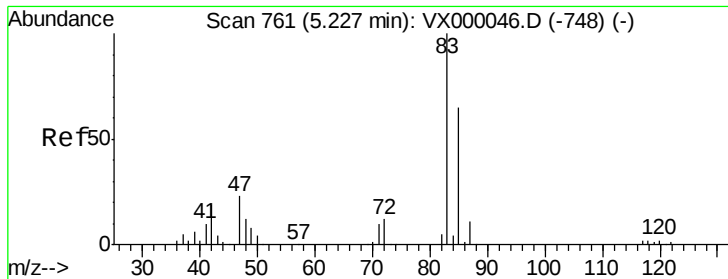
sam
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#29
Tetrahydrofuran
Concen: 5.34 ug/l
RT: 5.18 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Tgt Ion: 42 Resp: 4966
Ion Ratio Lower Upper
42 100
72 48.7 39.0 58.6
71 44.5 36.7 55.1





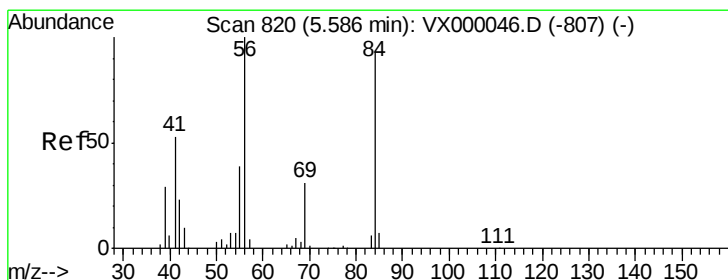
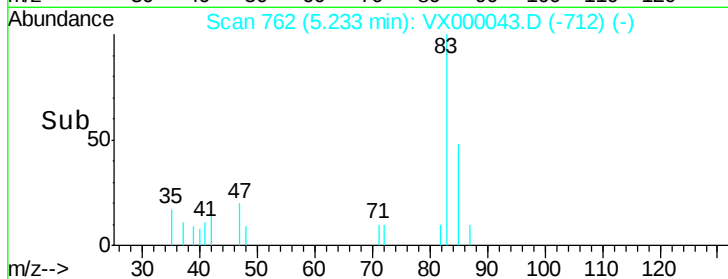
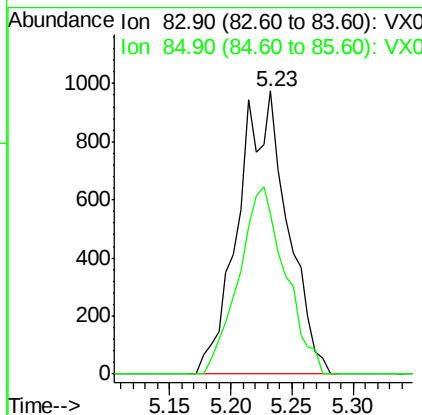
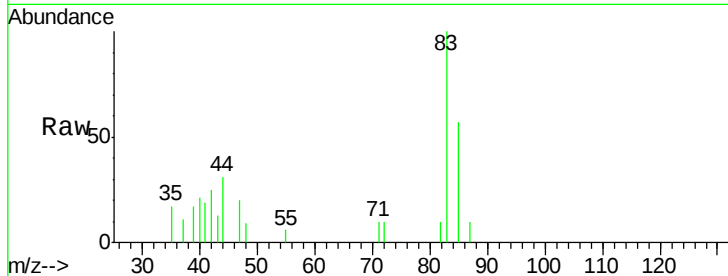
#30
Chloroform
Concen: 1.14 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Instrument :
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 2732
Ion Ratio Lower Upper
83 100
85 56.7 51.9 77.9

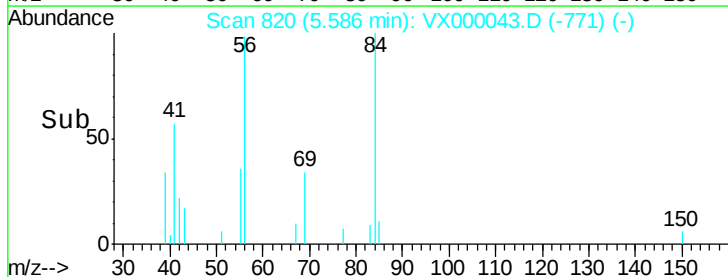
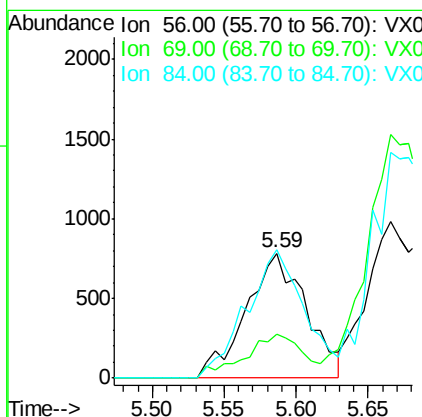
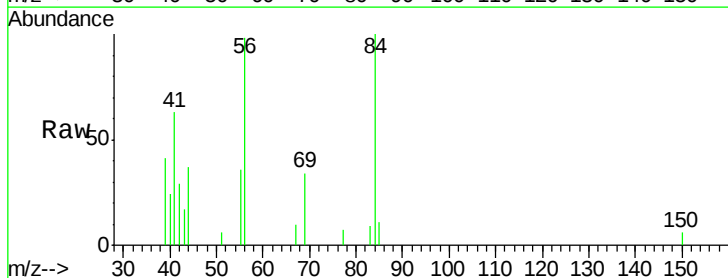
Manual Integrations
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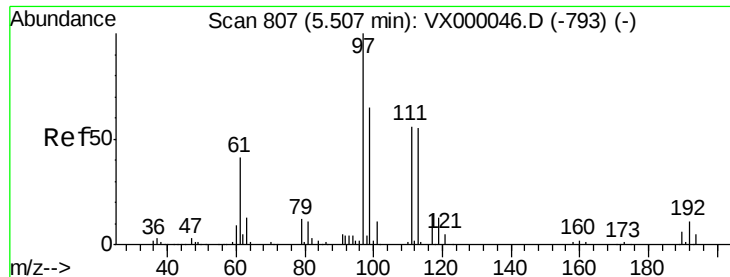
sam
2/14/2018 5:29:23 PM



#31
Cyclohexane
Concen: 1.15 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Tgt Ion: 56 Resp: 2273
Ion Ratio Lower Upper
56 100
69 35.3 24.5 36.7
84 102.5 74.8 112.2





#32

1,1,1-Trichloroethane

Concen: 1.09 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Instrument :

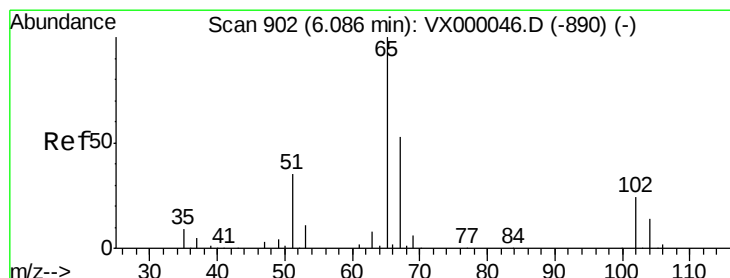
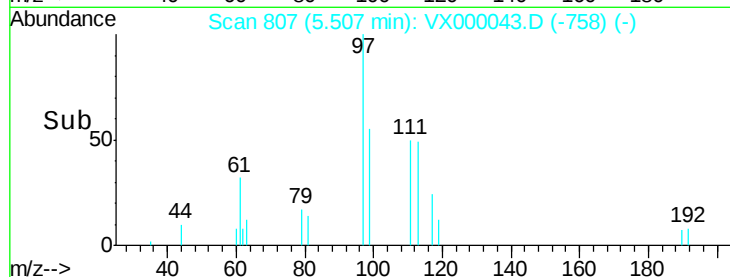
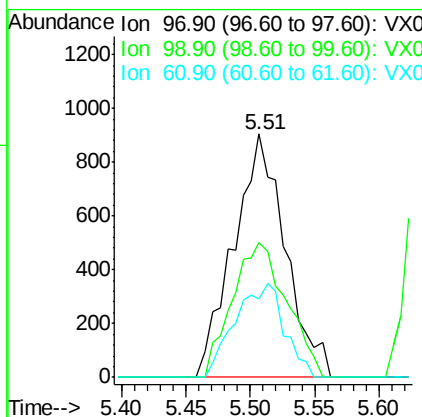
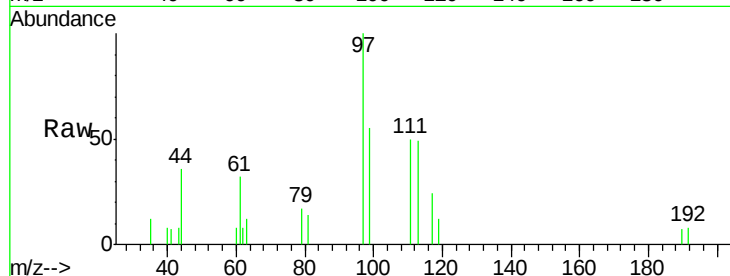
ClientSampled :

VSTDIC001

Tgt Ion:	97	Resp:	2514
Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.8	76.2#
61	37.0	32.1	48.1

Manual Integrations
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sam
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#33

1,2-Dichloroethane-d4

Concen: 1.18 ug/l

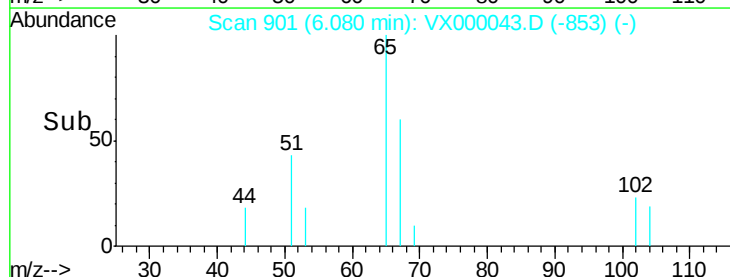
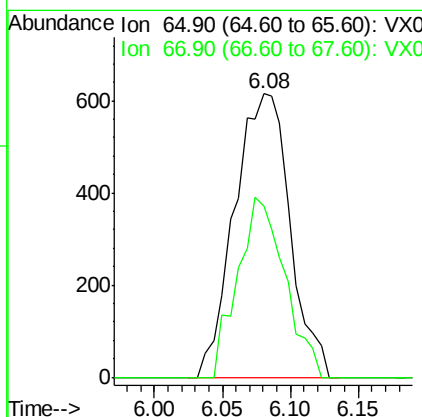
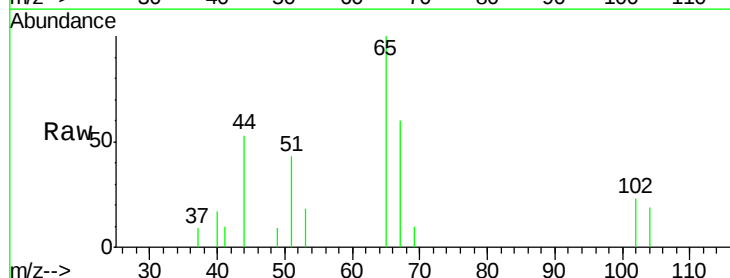
RT: 6.08 min Scan# 901

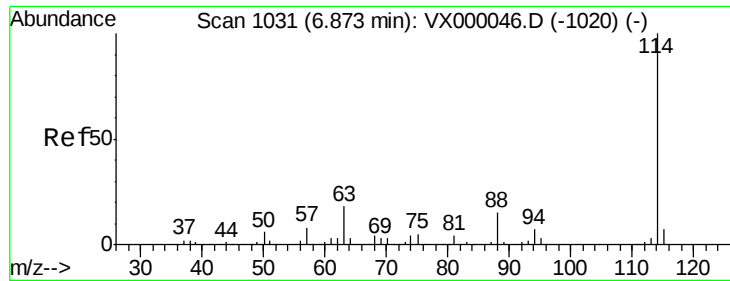
Delta R.T. -0.01 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Tgt Ion:	65	Resp:	1756
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.0





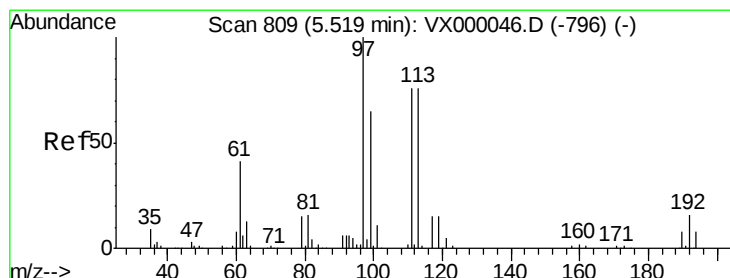
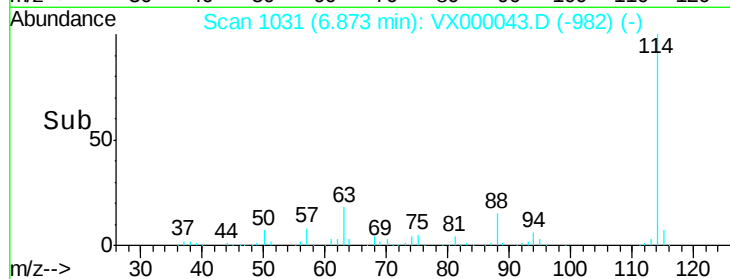
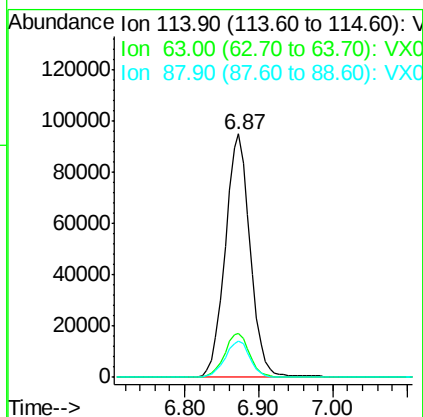
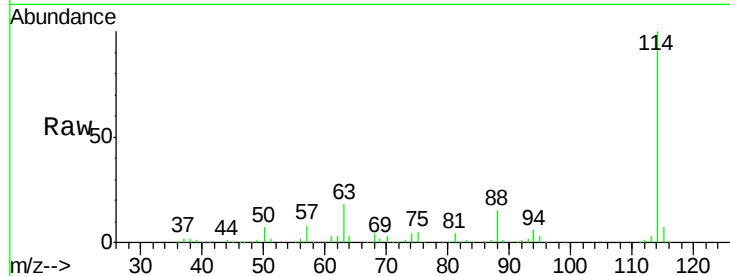
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Instrument :
 ClientSampleId :
 VSTDIC001

Tgt Ion:114 Resp: 222674
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.0
 88 14.9 0.0 30.4

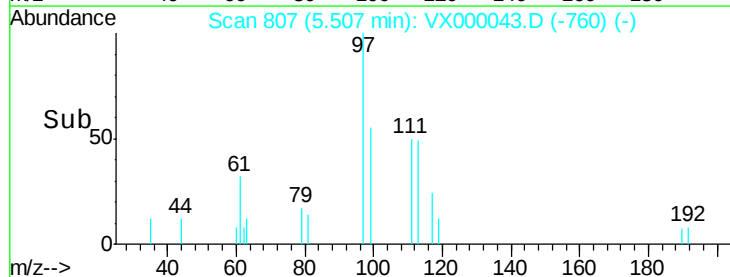
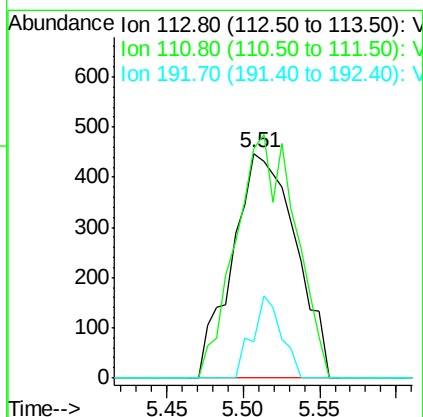
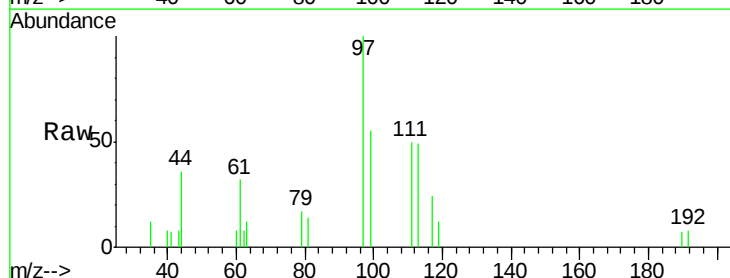
Manual Integrations
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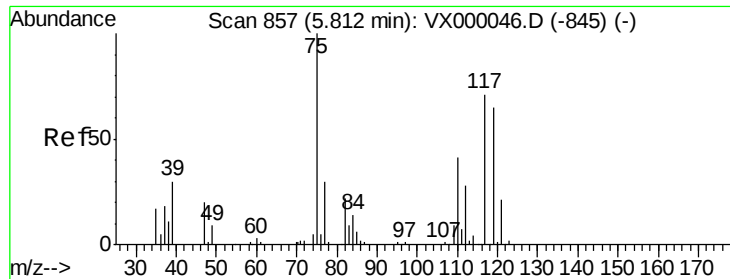
sam
 2/14/2018 5:29:23 PM



#35
 Dibromofluoromethane
 Concen: 0.99 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Tgt Ion:113 Resp: 1280
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.5 120.7
 192 16.9 16.9 25.3#





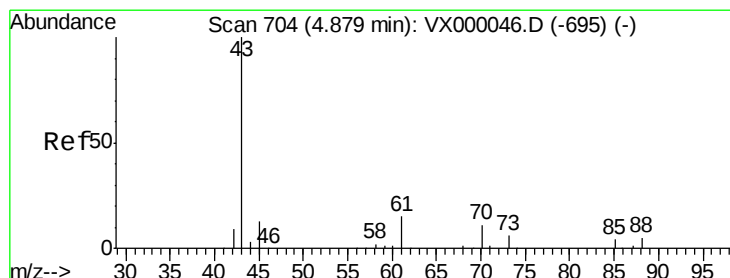
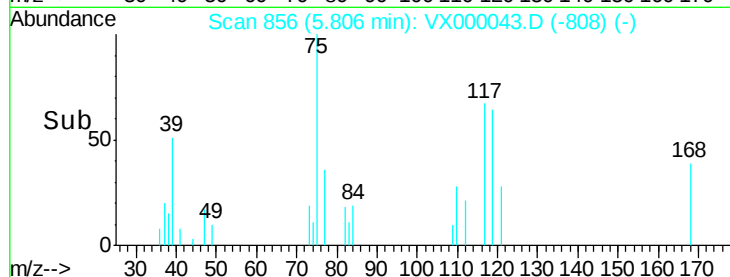
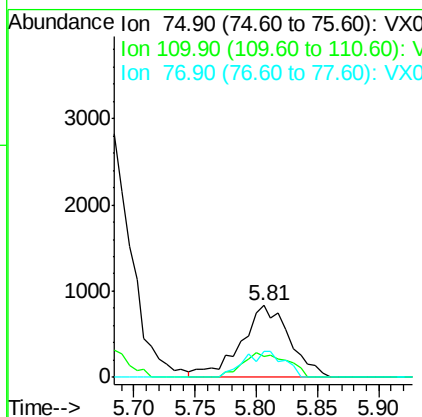
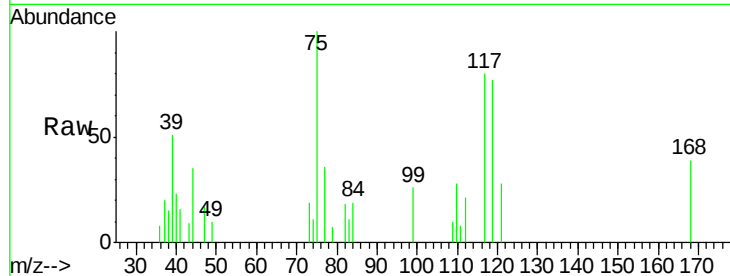
#36
 1,1-Dichloropropene
 Concen: 1.26 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Instrument :
 ClientSampled :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.2	19.4	58.4
77	29.4	24.2	36.4

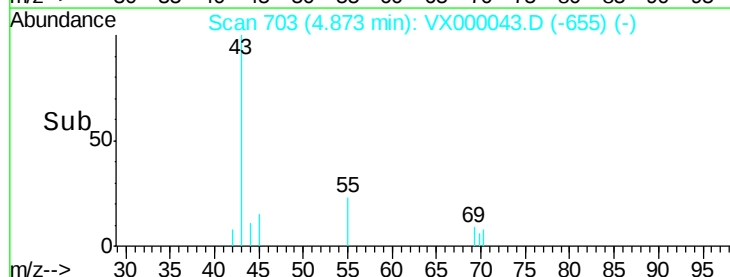
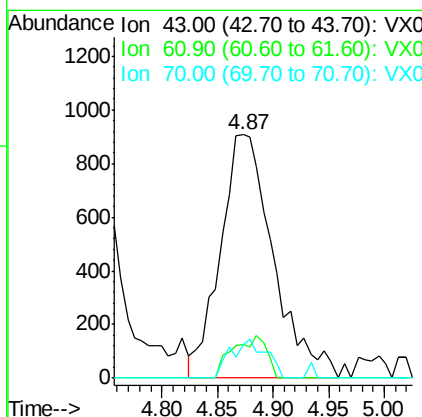
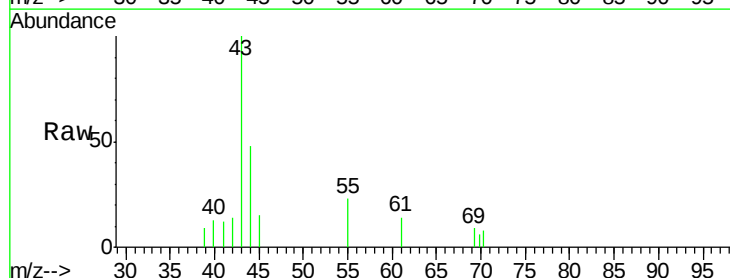
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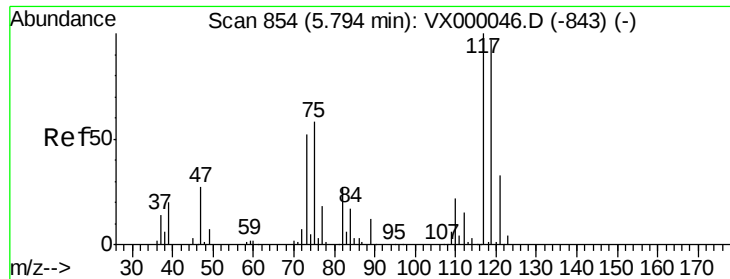
sam
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#37
 Ethyl Acetate
 Concen: 1.18 ug/l
 RT: 4.87 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Tgt Ion	Ratio	Lower	Upper
43	100		
61	11.2	11.4	17.2#
70	10.7	9.0	13.6





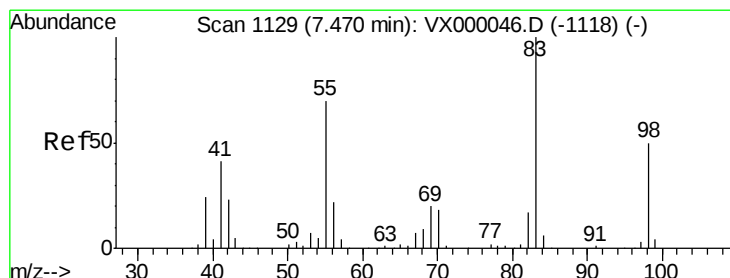
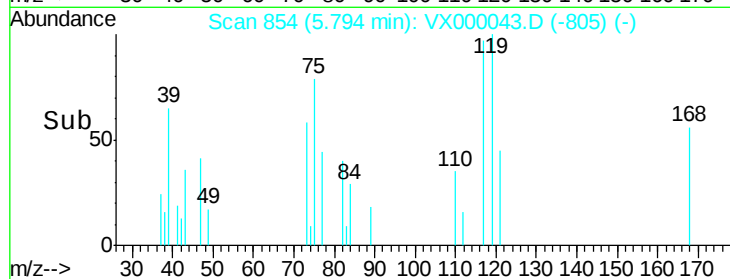
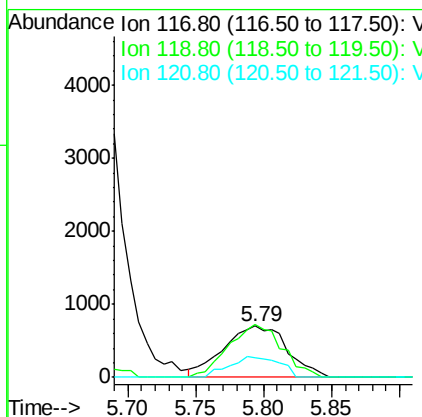
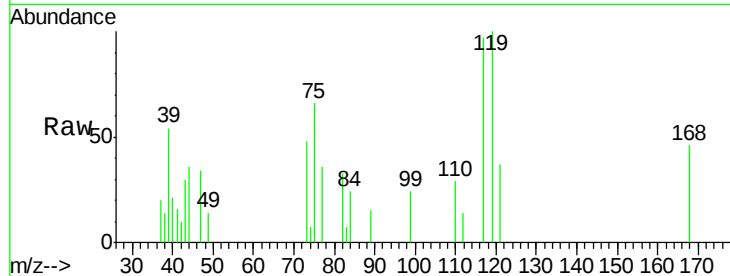
#38
Carbon Tetrachloride
Concen: 1.19 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Instrument :
ClientSampleId :
VSTDIC001

Tgt Ion: 117 Resp: 2292
Ion Ratio Lower Upper
117 100
119 103.1 76.9 115.3
121 38.4 25.8 38.8

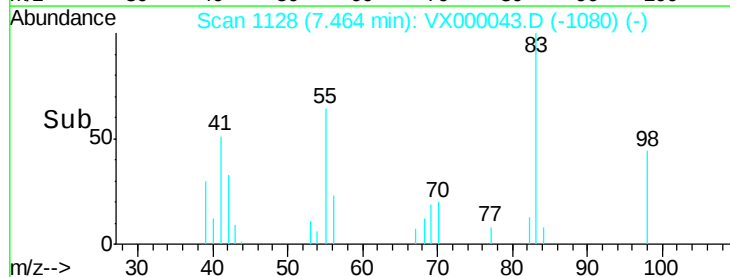
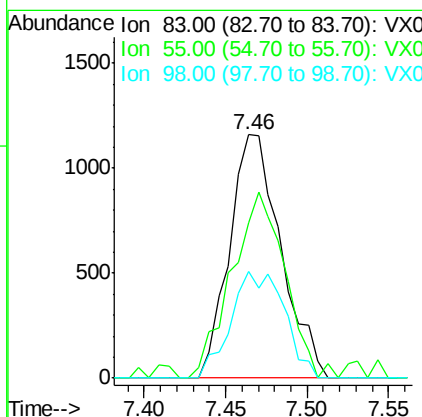
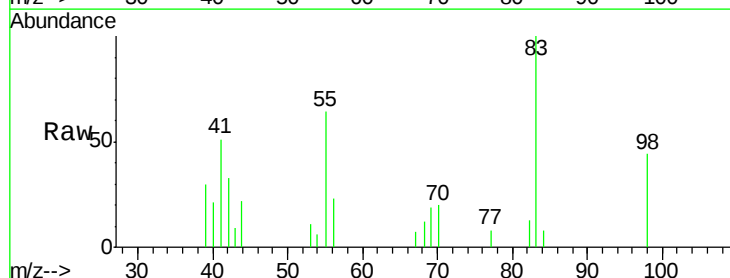
Manual Integrations
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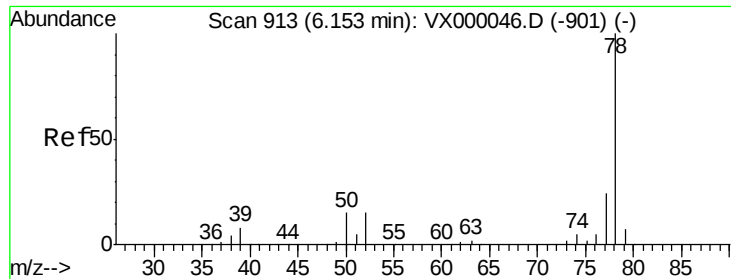
sam
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#39
Methylcyclohexane
Concen: 1.09 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Tgt Ion: 83 Resp: 2534
Ion Ratio Lower Upper
83 100
55 63.8 55.7 83.5
98 44.0 39.7 59.5





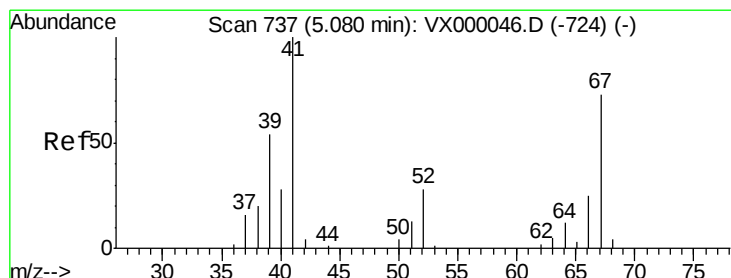
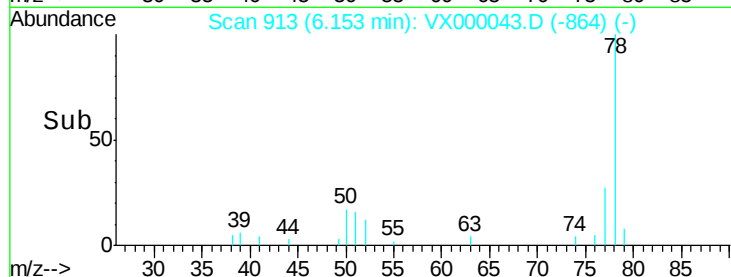
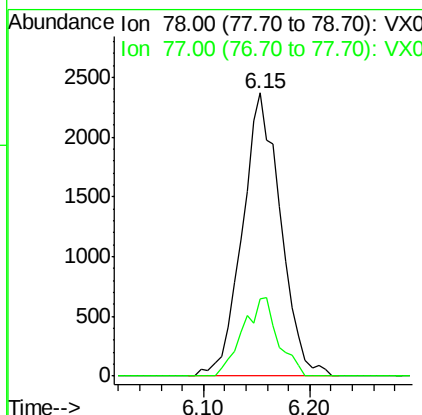
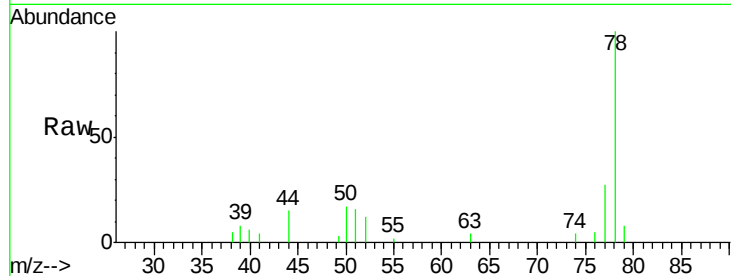
#40
Benzene
Concen: 1.11 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Instrument :
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 5966
Ion Ratio Lower Upper
78 100
77 27.4 19.4 29.2

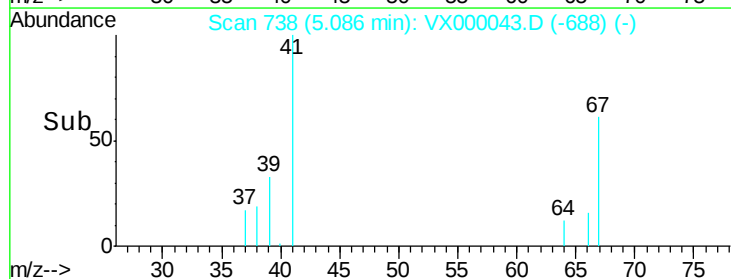
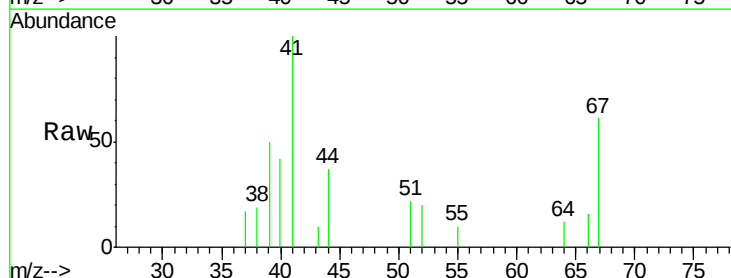
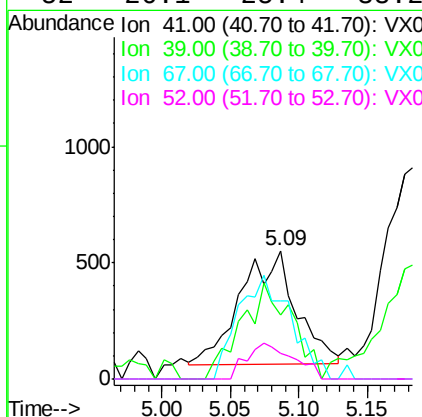
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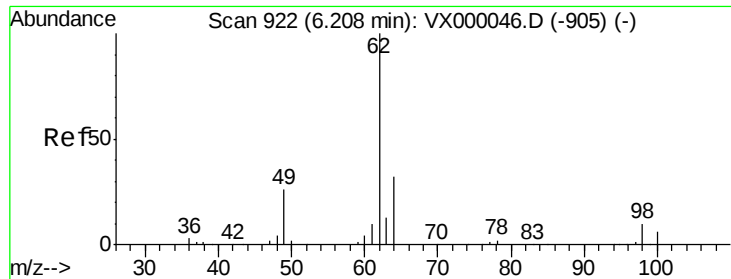
sam
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#41
Methacrylonitrile
Concen: 1.06 ug/l m
RT: 5.09 min Scan# 738
Delta R.T. 0.01 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Tgt Ion: 41 Resp: 1395
Ion Ratio Lower Upper
41 100
39 76.3 45.8 68.8#
67 85.8 60.6 91.0
52 26.1 25.4 38.2





#42

1,2-Dichloroethane

Concen: 1.08 ug/l

RT: 6.21 min Scan# 923

Delta R.T. 0.01 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Instrument :

ClientSampleId :

VSTDIC001

Tgt Ion: 62 Resp: 2068

Ion Ratio Lower Upper

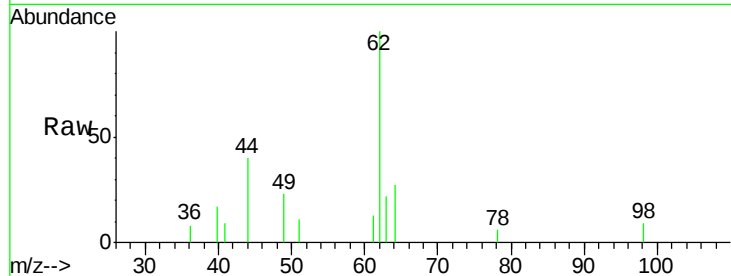
62 100

98 7.2 0.0 18.6

Manual Integrations
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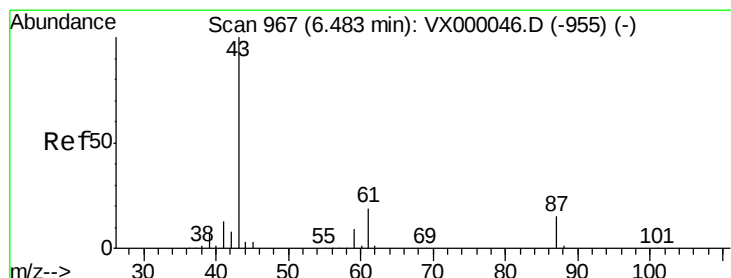
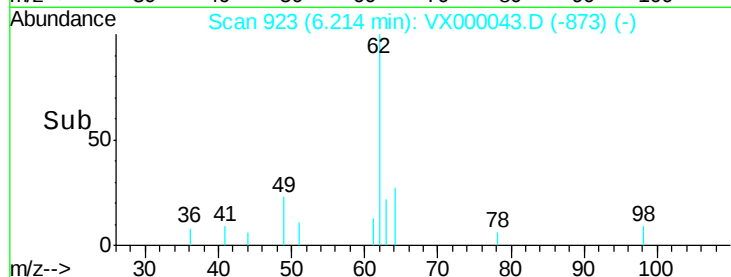
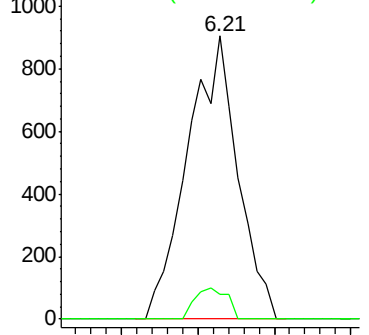
sam

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Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 1.13 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

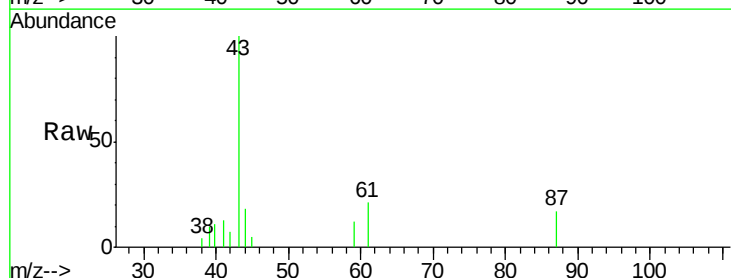
Tgt Ion: 43 Resp: 4221

Ion Ratio Lower Upper

43 100

61 16.9 15.9 23.9

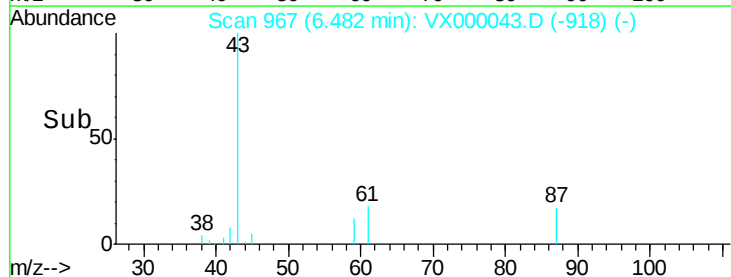
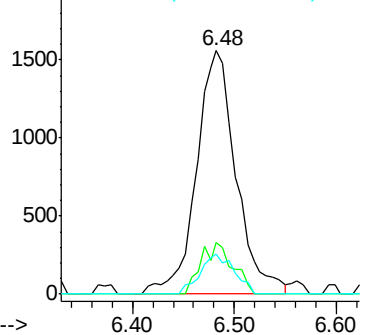
87 14.1 11.8 17.6

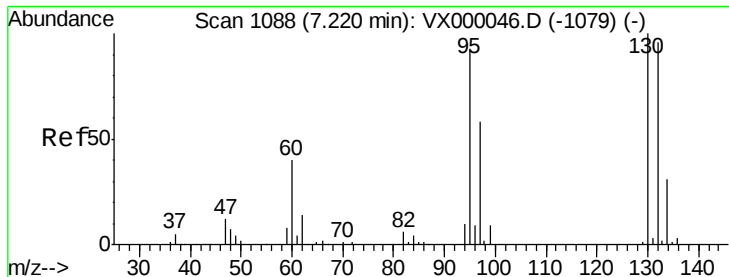


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 1.08 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Instrument :

ClientSampled :

VSTDIC001

Tgt Ion:130 Resp: 1834

Ion Ratio Lower Upper

130 100

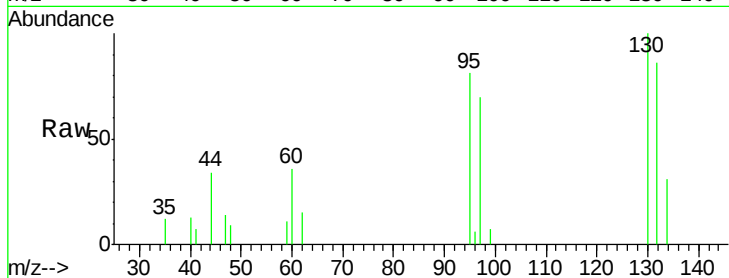
95 81.4 0.0 185.2

Manual Integrations

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sam

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.23

1000

800

600

400

200

0

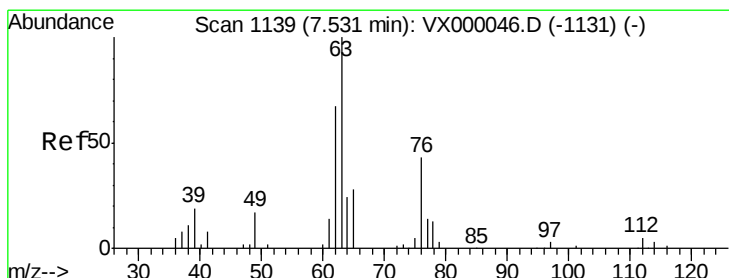
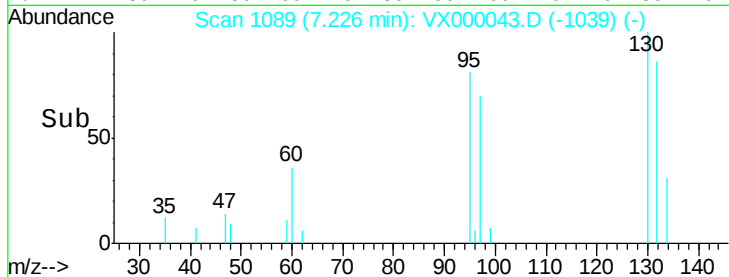
7.15

7.20

7.25

7.30

Time-->



#45

1,2-Dichloropropane

Concen: 1.03 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VX000043.D

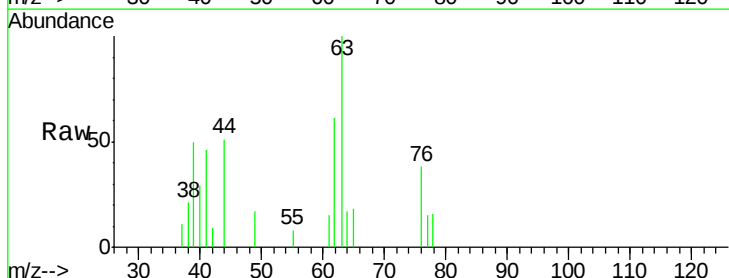
Acq: 09 Feb 2018 15:08

Tgt Ion: 63 Resp: 1378

Ion Ratio Lower Upper

63 100

65 17.9 23.7 35.5#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

800

600

400

200

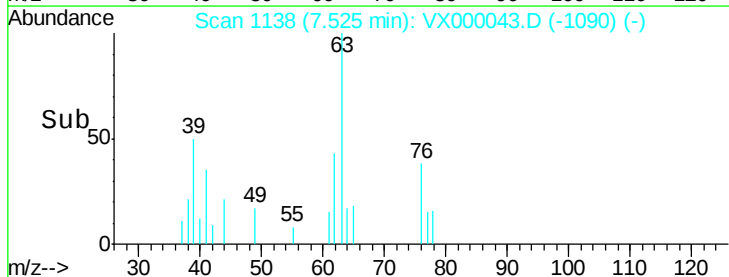
0

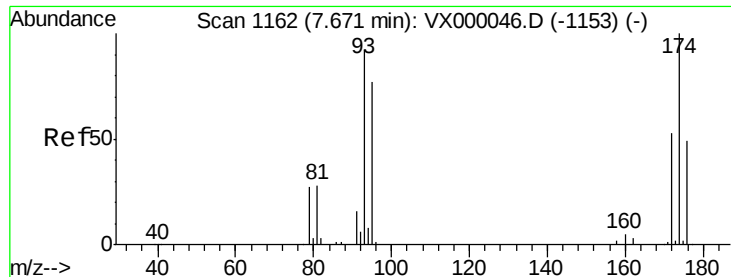
7.45

7.50

7.55

Time-->





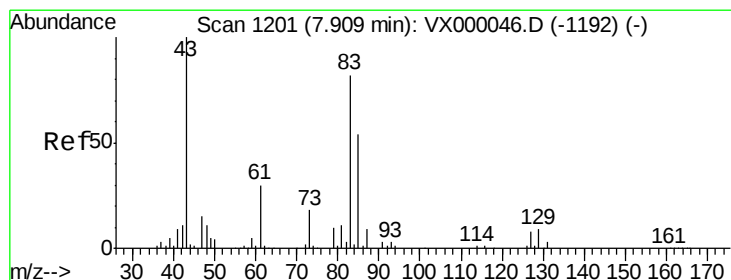
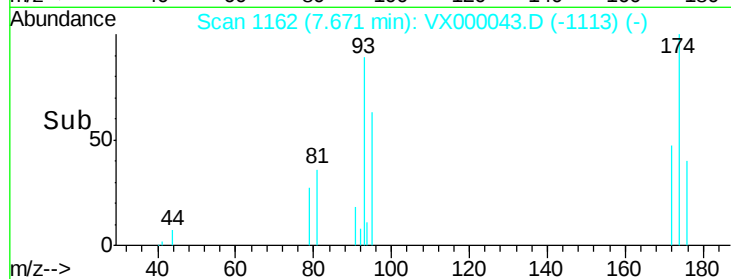
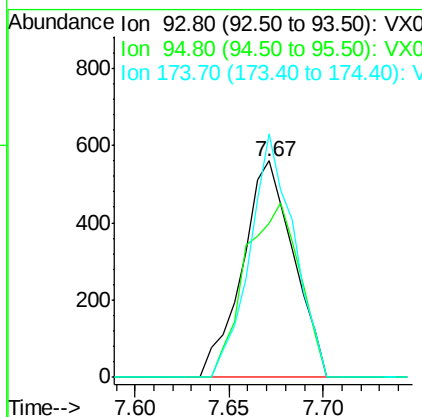
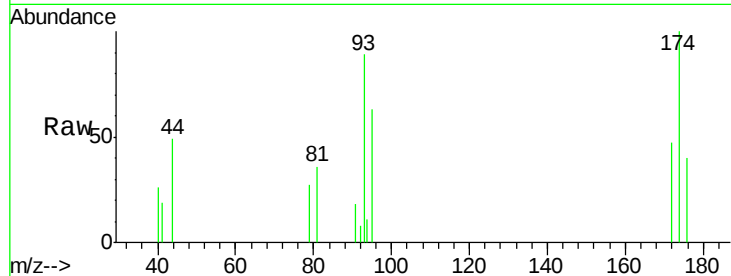
#46
Dibromomethane
Concen: 1.01 ug/l
RT: 7.67 min Scan# 1162
Delta R.T. -0.00 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Instrument :
ClientSampleId :
VSTDIC001

Tgt Ion: 93 Resp: 1055
Ion Ratio Lower Upper
93 100
95 86.0 66.3 99.5
174 96.6 90.4 135.6

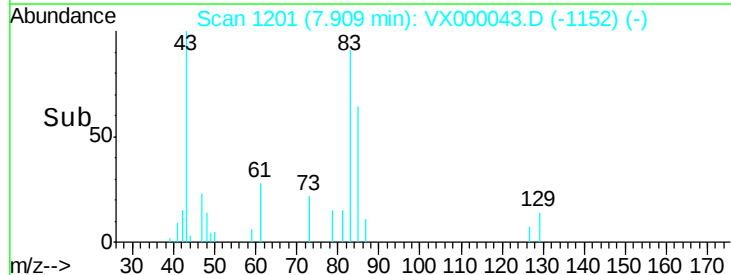
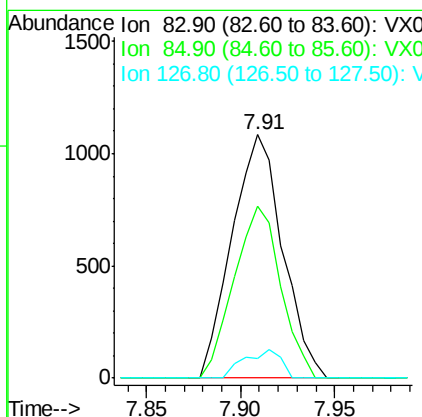
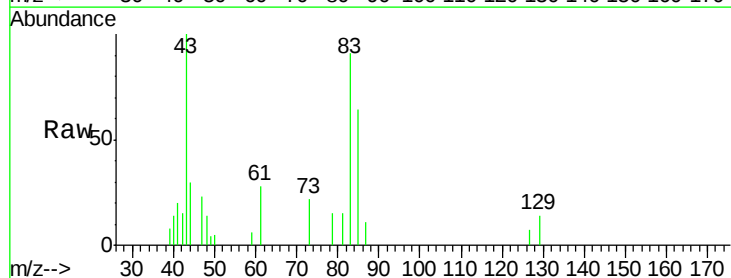
Manual Integrations
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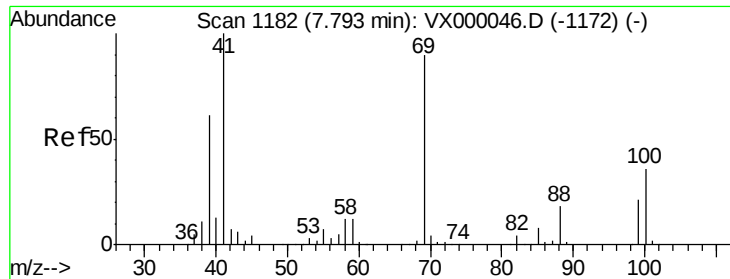
sam
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#47
Bromodichloromethane
Concen: 1.04 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Tgt Ion: 83 Resp: 2017
Ion Ratio Lower Upper
83 100
85 70.8 52.3 78.5
127 8.2 7.4 11.0





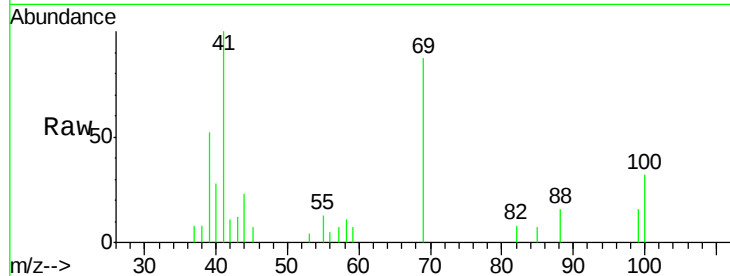
#48
Methyl methacrylate
Concen: 1.20 ug/l
RT: 7.79 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Instrument :
ClientSampleId :
VSTDIC001

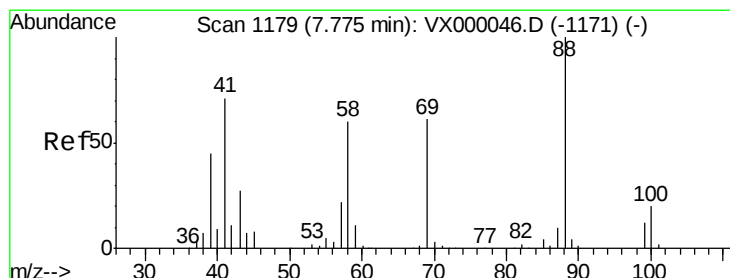
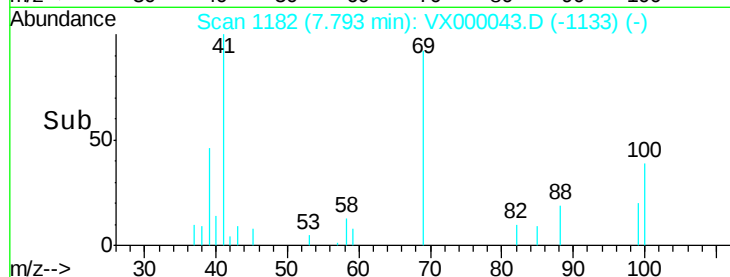
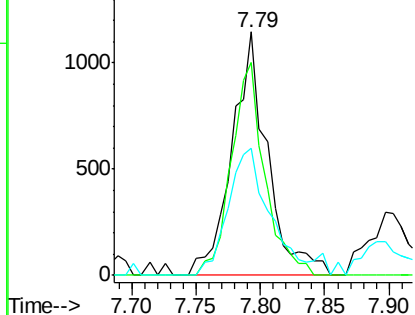
Tgt Ion: 41 Resp: 2199
Ion Ratio Lower Upper
41 100
69 82.3 72.1 108.1
39 64.8 49.6 74.4

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sam
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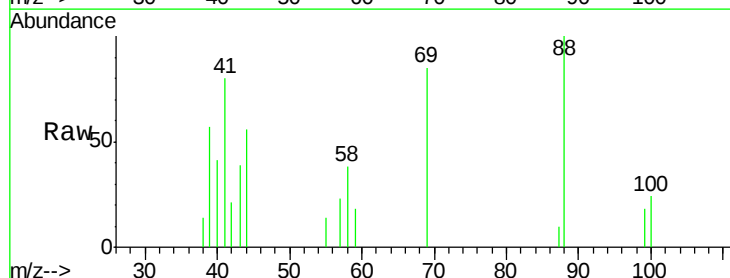


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

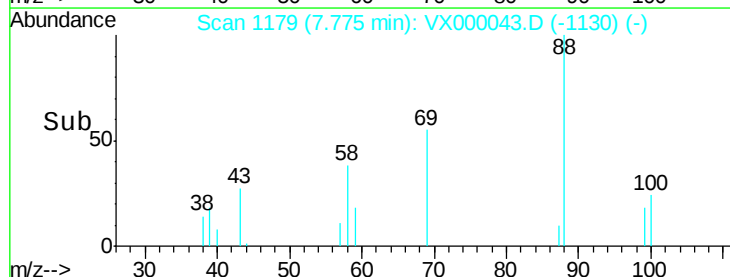
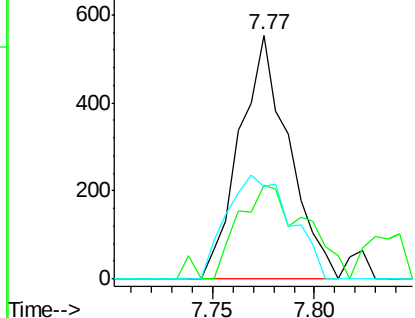


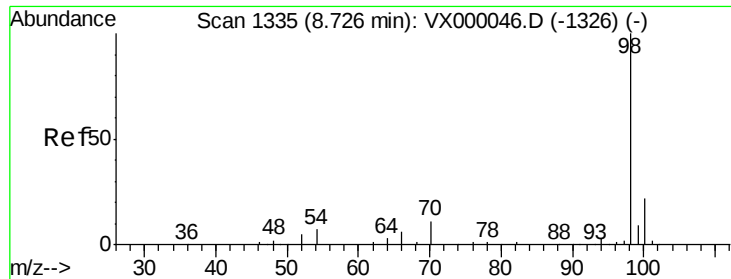
#49
1,4-Dioxane
Concen: 17.61 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Tgt Ion: 88 Resp: 931
Ion Ratio Lower Upper
88 100
43 52.0 22.6 33.8#
58 55.5 49.4 74.2



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





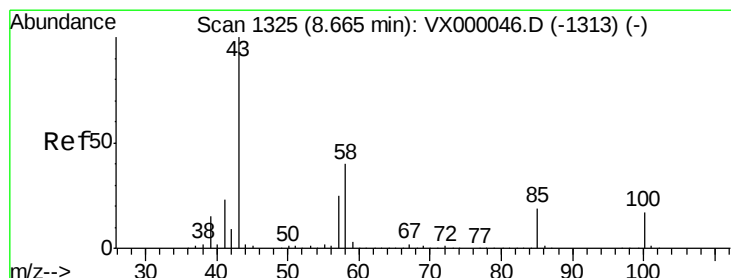
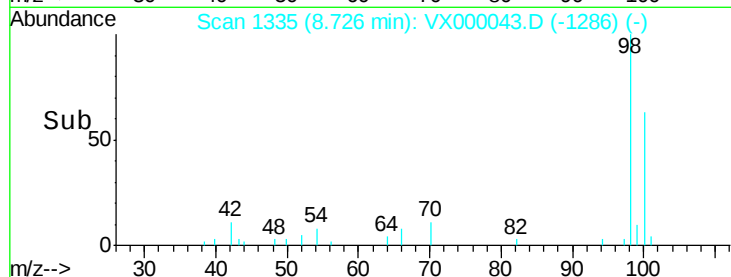
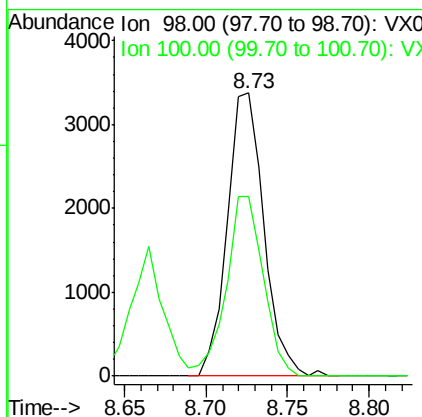
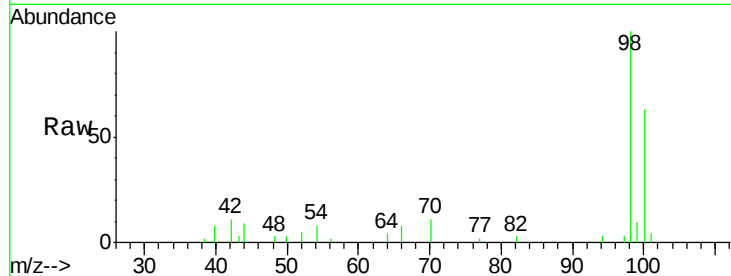
#50
Toluene-d8
Concen: 1.09 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Instrument :
ClientSampleId :
VSTDIC001

Tgt Ion: 98 Resp: 5278
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

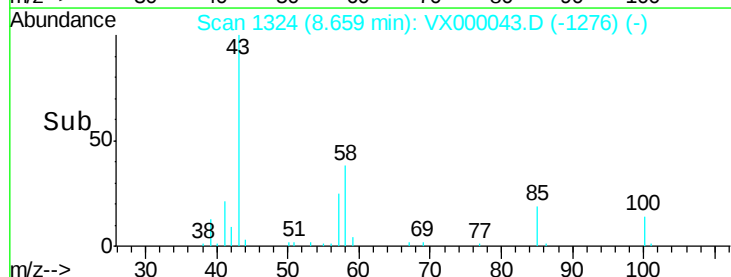
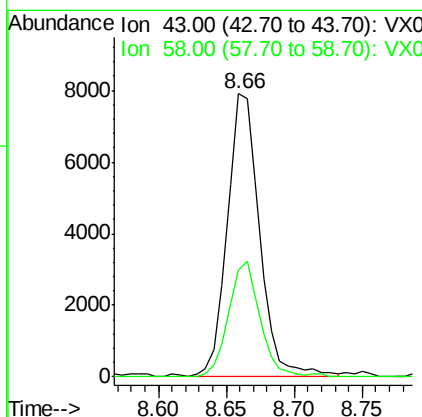
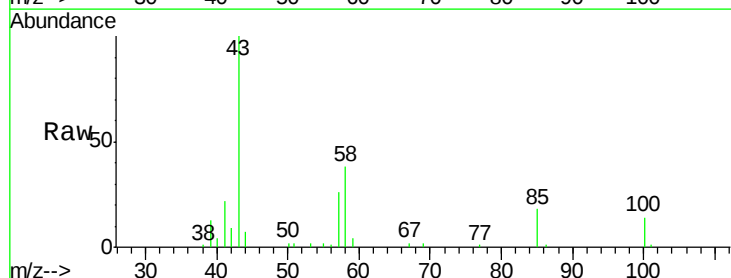
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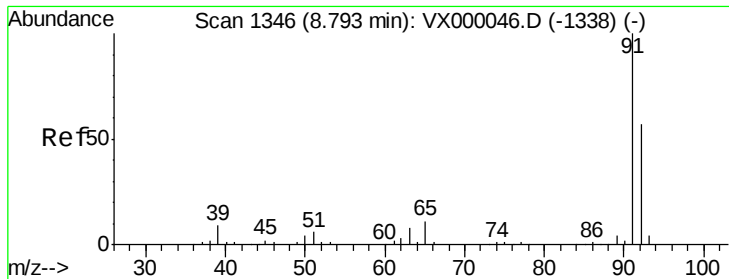
sam
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#51
4-Methyl-2-Pentanone
Concen: 4.94 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.01 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Tgt Ion: 43 Resp: 13143
Ion Ratio Lower Upper
43 100
58 39.7 32.1 48.1





#52

Toluene

Concen: 1.06 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Instrument :

ClientSampled :

VSTDIC001

Tgt Ion: 92 Resp: 3823

Ion Ratio Lower Upper

92 100

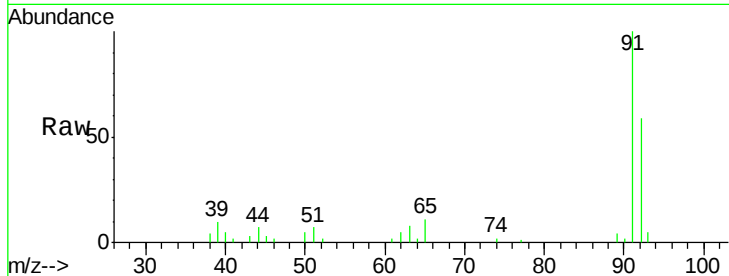
91 170.7 139.8 209.6

Manual Integrations

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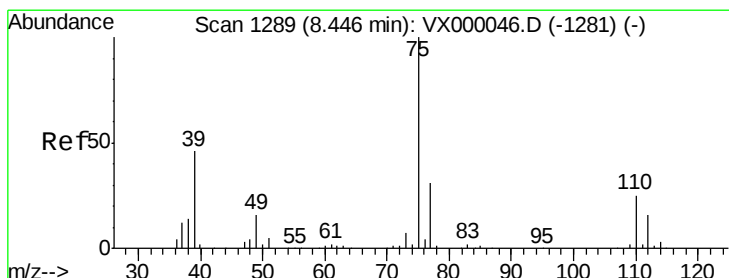
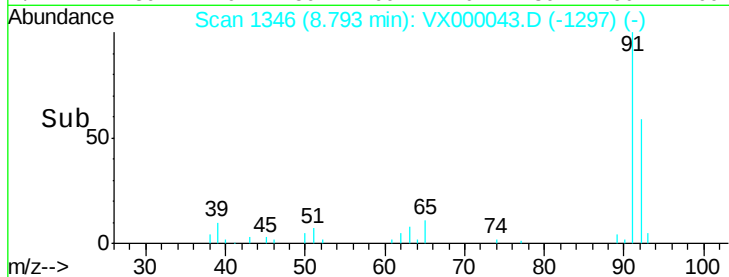
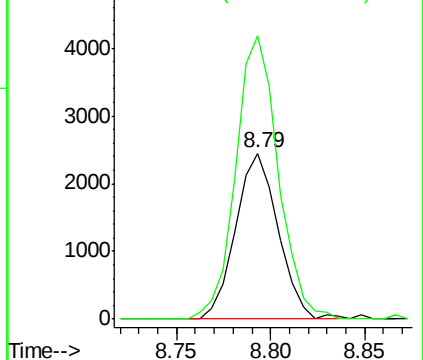
sam

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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: 1.04 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000043.D

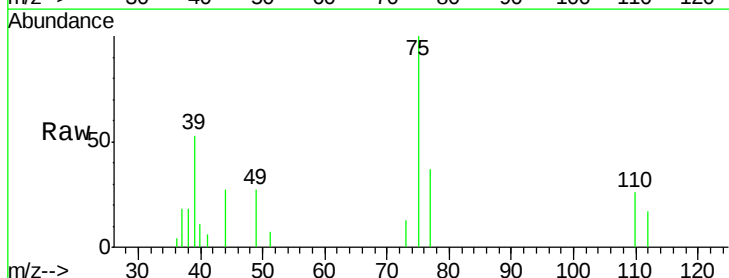
Acq: 09 Feb 2018 15:08

Tgt Ion: 75 Resp: 2368

Ion Ratio Lower Upper

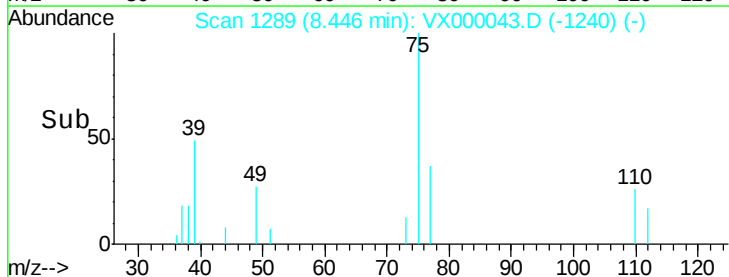
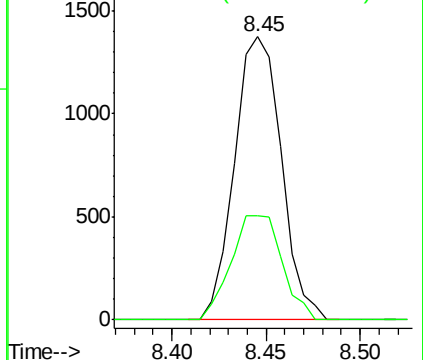
75 100

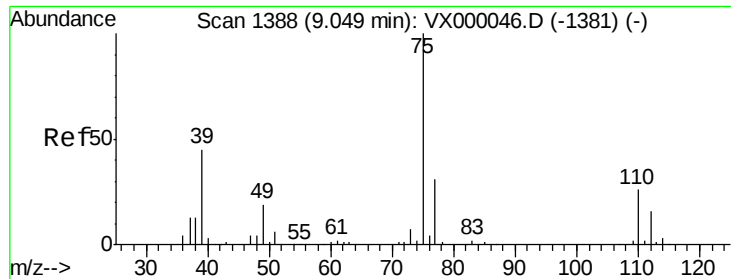
77 37.0 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





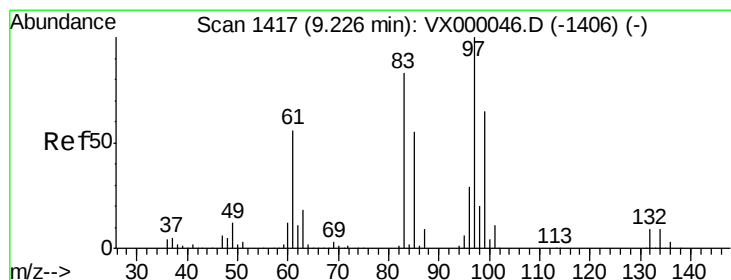
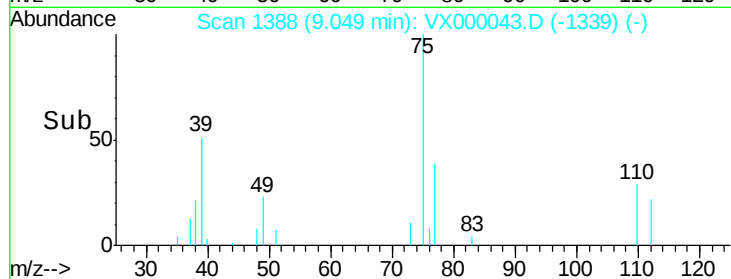
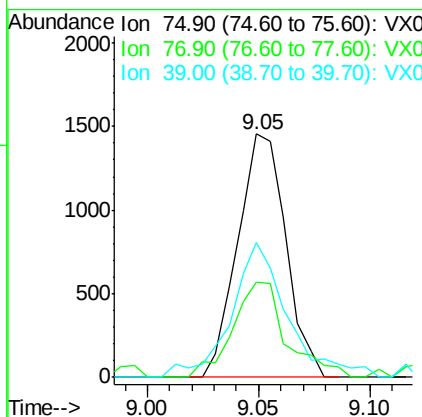
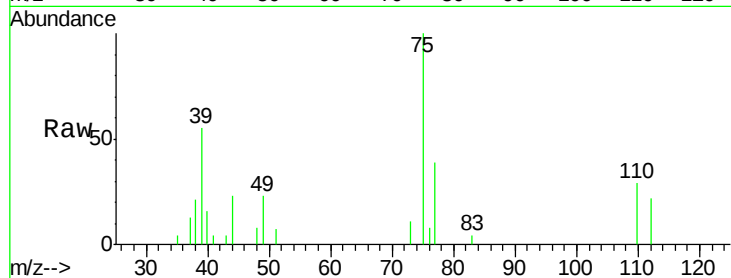
#54
 cis-1,3-Dichloropropene
 Concen: 0.99 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Instrument :
 ClientSampled :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.3	25.1	37.7#
39	51.9	36.1	54.1

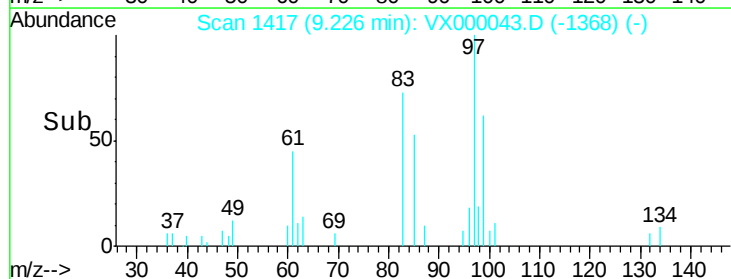
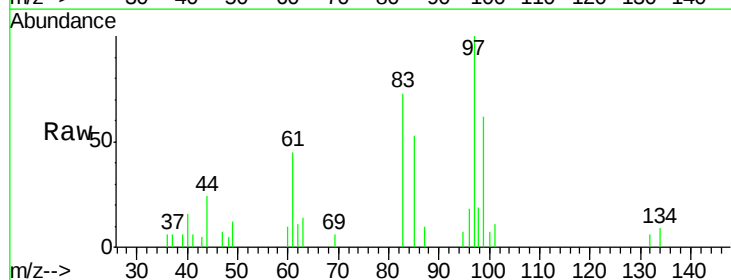
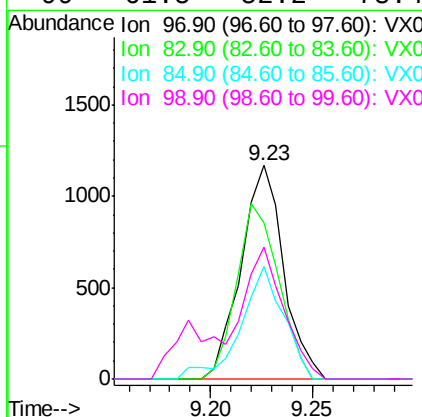
Manual Integrations
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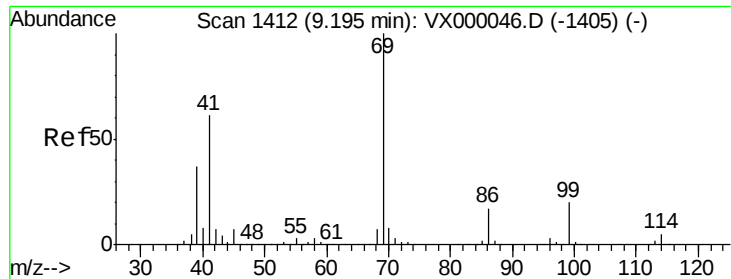
sam
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#55
 1,1,2-Trichloroethane
 Concen: 1.12 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Tgt Ion	Ratio	Lower	Upper
97	100		
83	73.2	66.5	99.7
85	53.0	43.8	65.6
99	61.5	52.2	78.4





#56

Ethyl methacrylate

Concen: 0.99 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.01 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Instrument :

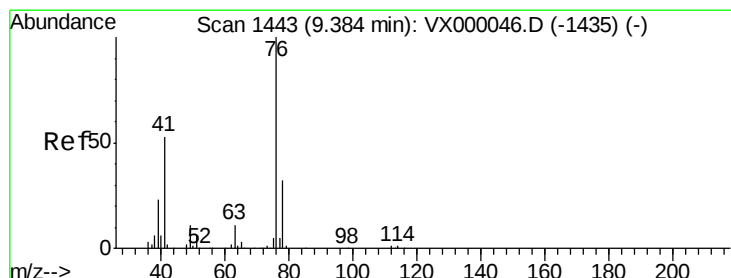
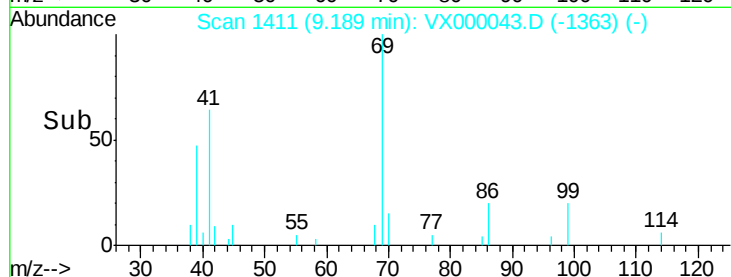
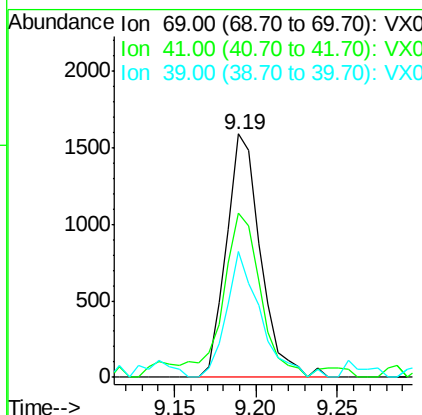
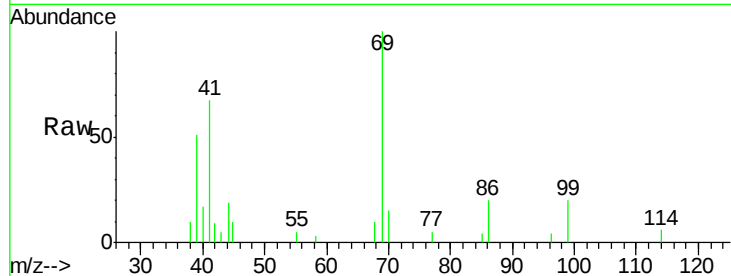
ClientSampled :

VSTDIC001

Tgt Ion:	69	Resp:	2324
Ion Ratio	Lower	Upper	
69	100		
41	73.9	49.5	74.3
39	50.8	29.9	44.9#

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 1.06 ug/l

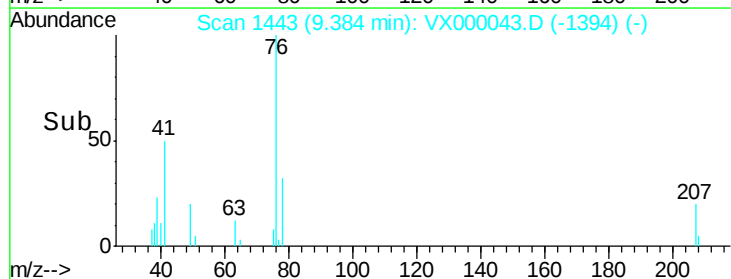
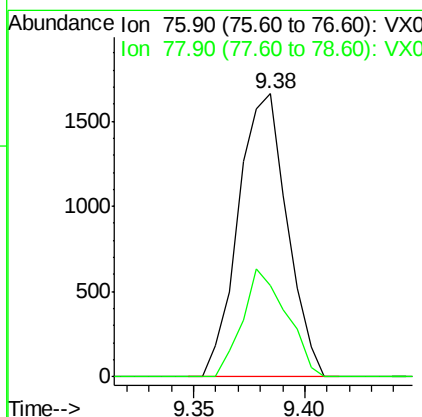
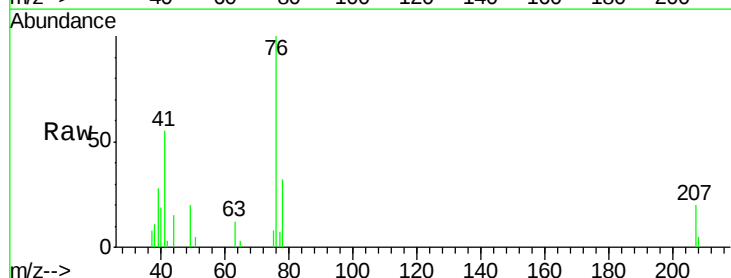
RT: 9.38 min Scan# 1443

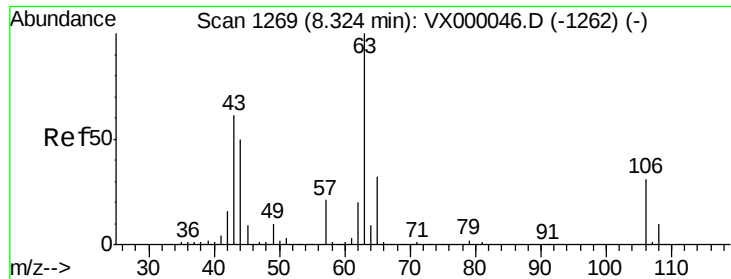
Delta R.T. -0.00 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Tgt Ion:	76	Resp:	2537
Ion Ratio	Lower	Upper	
76	100		
78	34.3	25.9	38.9





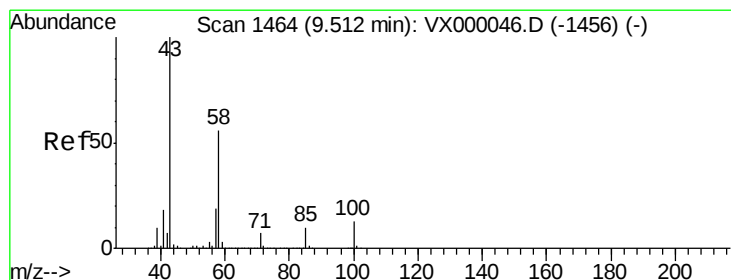
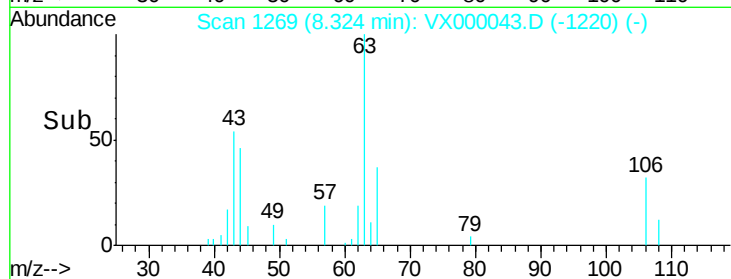
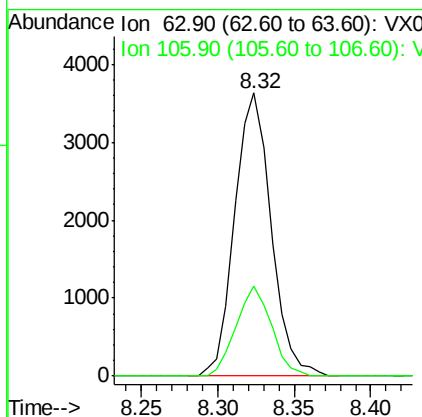
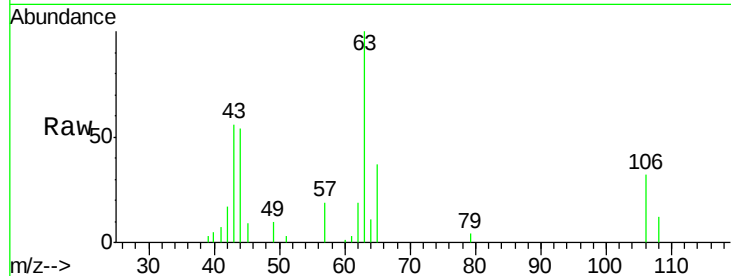
#58
 2-Chloroethyl Vinyl ether
 Concen: 5.75 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Instrument :
 ClientSampleId :
 VSTDIC001

Tgt Ion: 63 Resp: 6001
 Ion Ratio Lower Upper
 63 100
 106 30.7 24.7 37.1

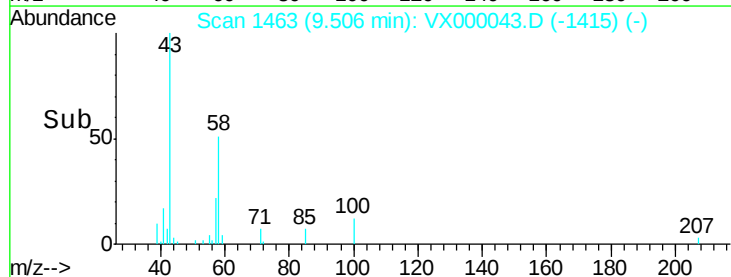
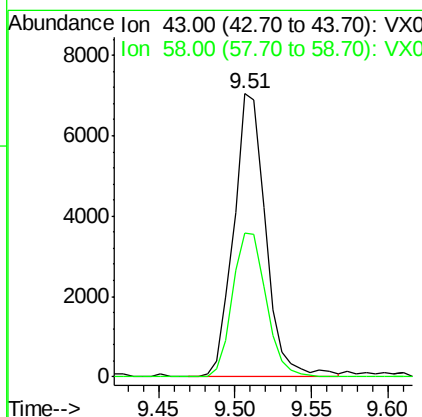
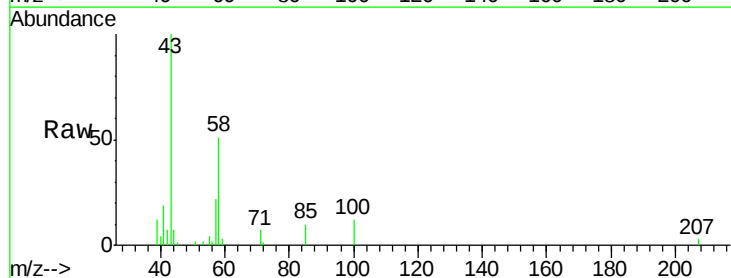
Manual Integrations
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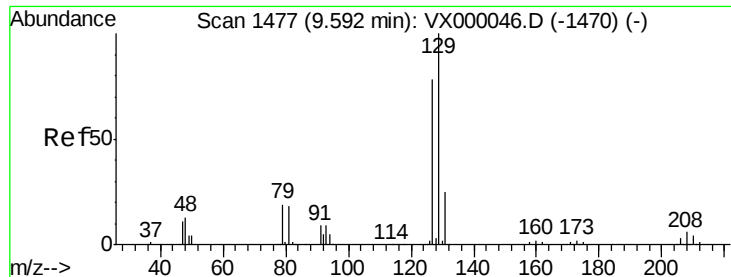
sam
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#59
 2-Hexanone
 Concen: 4.50 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Tgt Ion: 43 Resp: 10251
 Ion Ratio Lower Upper
 43 100
 58 53.0 27.6 82.7





#60

Dibromochloromethane

Concen: 0.99 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Instrument :

ClientSampled :

VSTDIC001

Tgt Ion:129 Resp: 1691

Ion Ratio Lower Upper

129 100

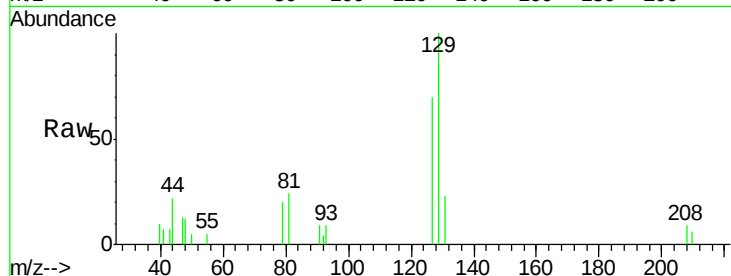
127 75.3 38.6 115.8

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

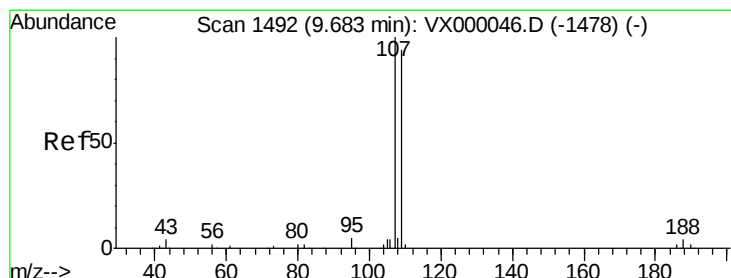
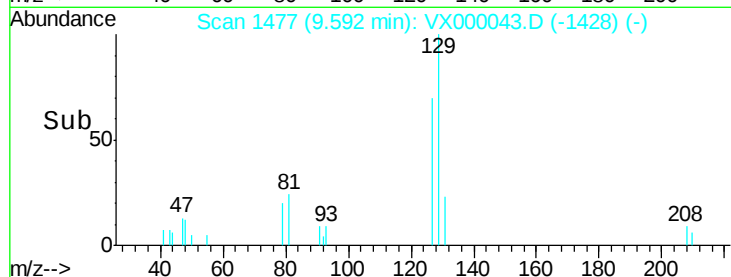
1500

1000

500

0

Time-->



#61

1,2-Dibromoethane

Concen: 1.01 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000043.D

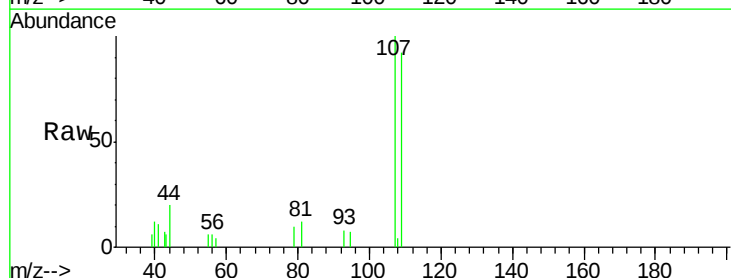
Acq: 09 Feb 2018 15:08

Tgt Ion:107 Resp: 1682

Ion Ratio Lower Upper

107 100

109 102.1 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

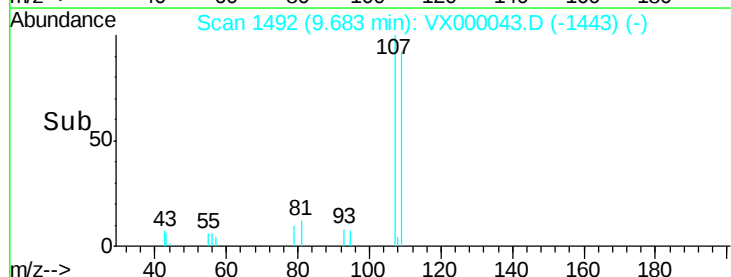
1500

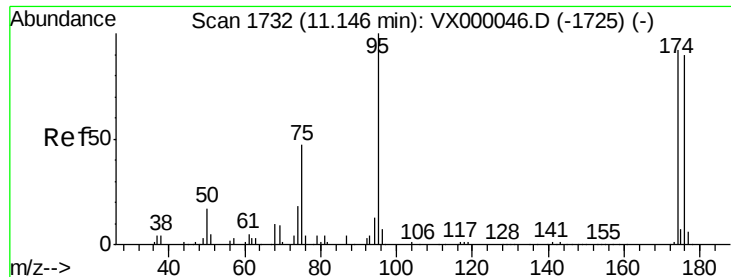
1000

500

0

Time-->





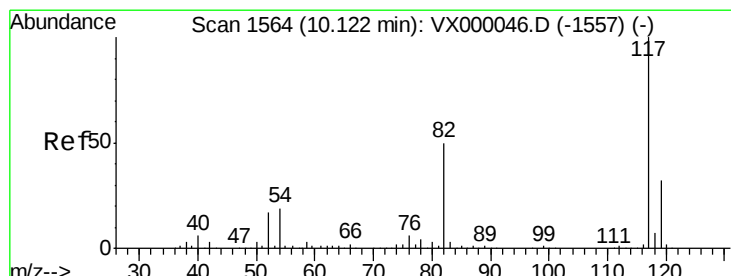
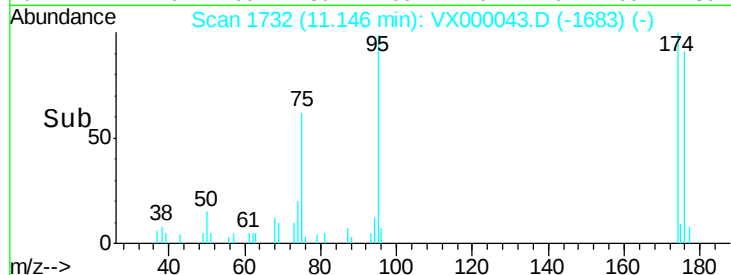
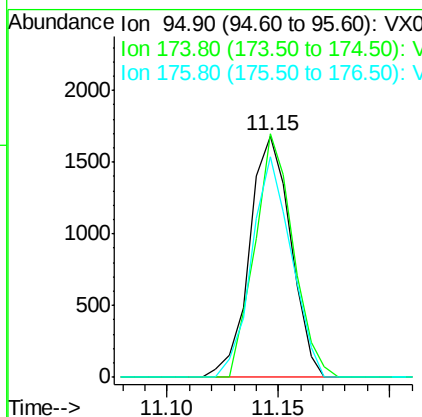
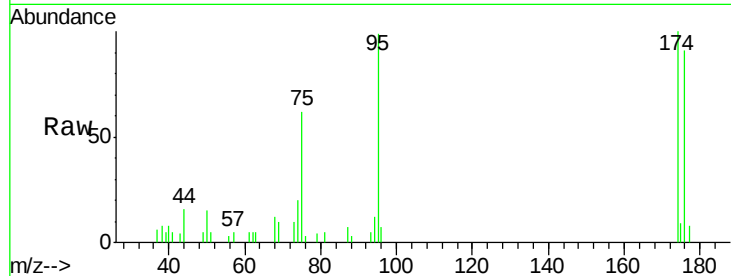
#62
4-Bromofluorobenzene
Concen: 1.09 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Instrument :
ClientSampleId :
VSTDIC001

Tgt Ion: 95 Resp: 2166
Ion Ratio Lower Upper
95 100
174 94.1 0.0 185.6
176 88.0 0.0 181.8

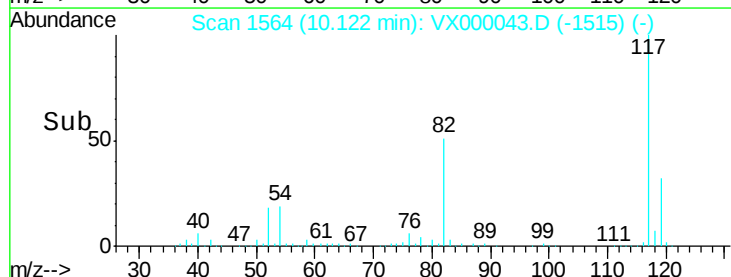
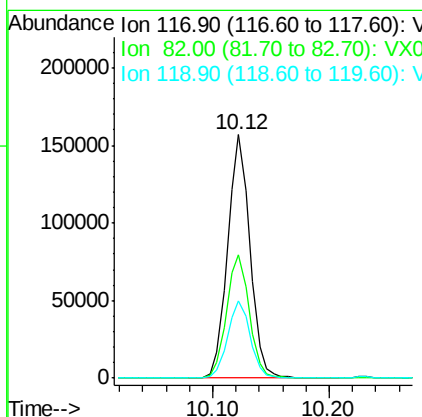
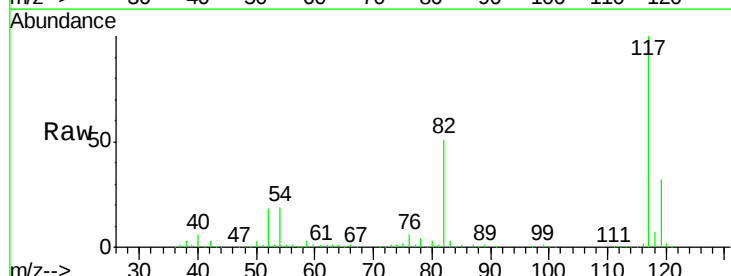
Manual Integrations
APPROVED

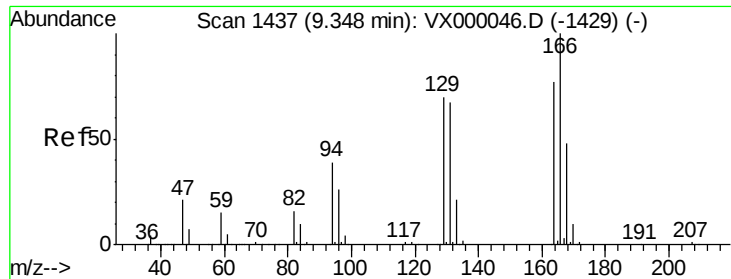
sam
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Tgt Ion: 117 Resp: 208854
Ion Ratio Lower Upper
117 100
82 50.7 40.3 60.5
119 31.7 25.3 37.9





#64

Tetrachloroethene

Concen: 1.00 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.01 min

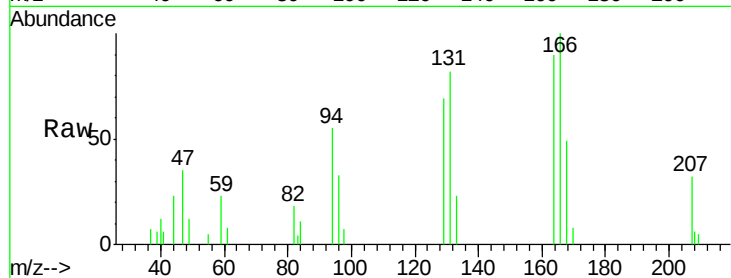
Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Instrument :

ClientSampleId :

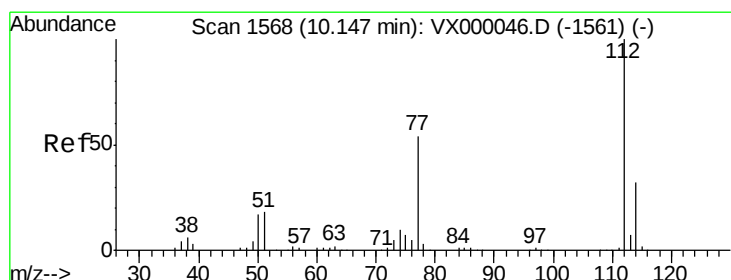
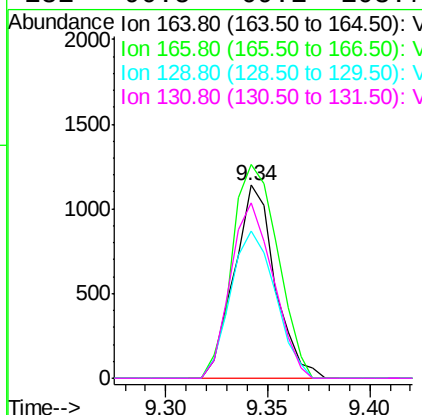
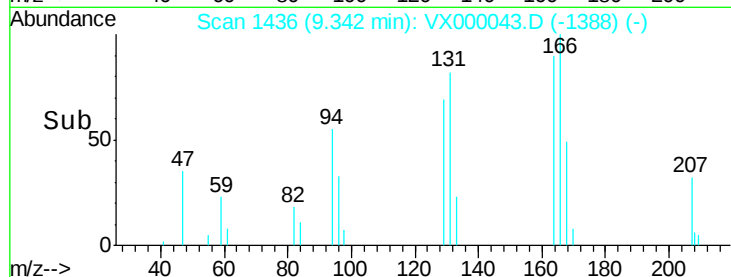
VSTDIC001



Tgt Ion:	164	Resp:	1586
Ion Ratio	Lower	Upper	
164	100		
166	110.5	103.7	155.5
129	76.4	72.2	108.4
131	90.5	69.1	103.7

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#65

Chlorobenzene

Concen: 1.07 ug/l

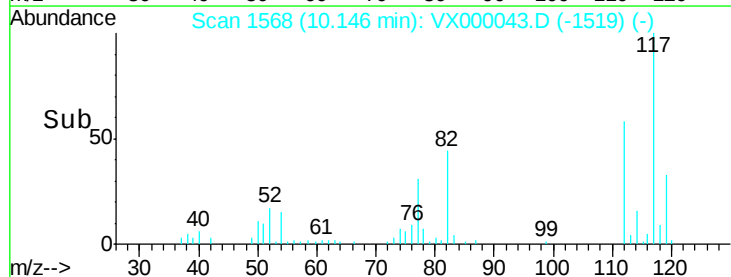
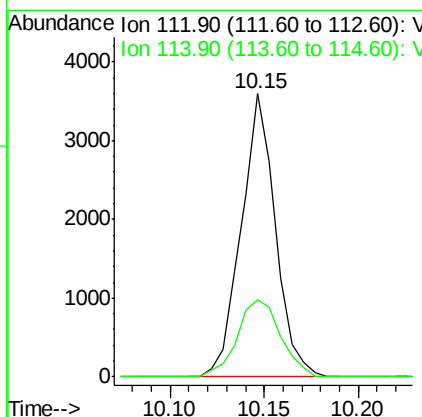
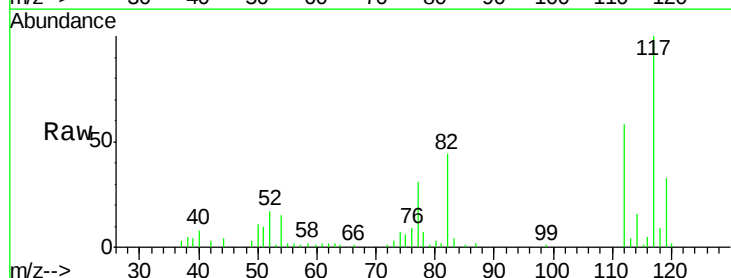
RT: 10.15 min Scan# 1568

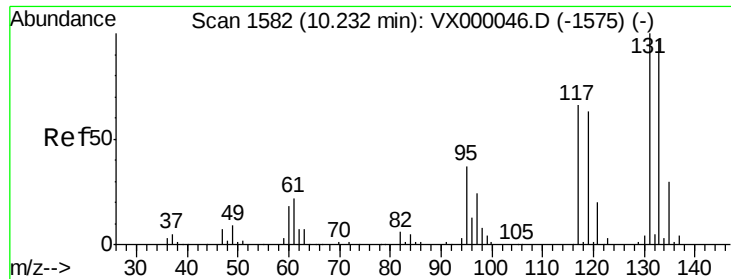
Delta R.T. -0.00 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Tgt Ion:	112	Resp:	4521
Ion Ratio	Lower	Upper	
112	100		
114	27.1	25.6	38.4





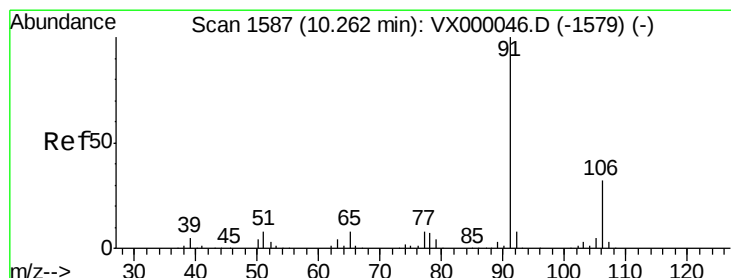
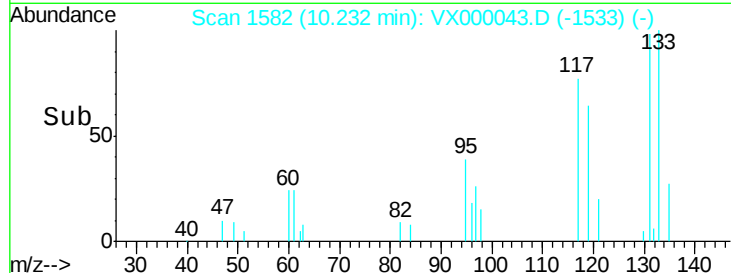
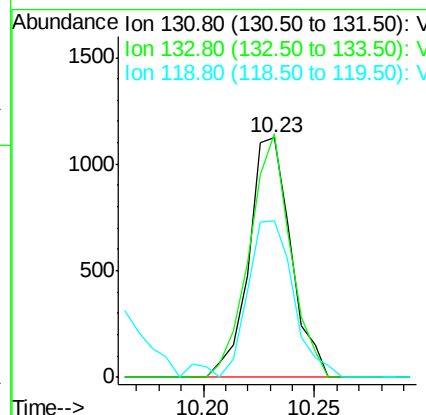
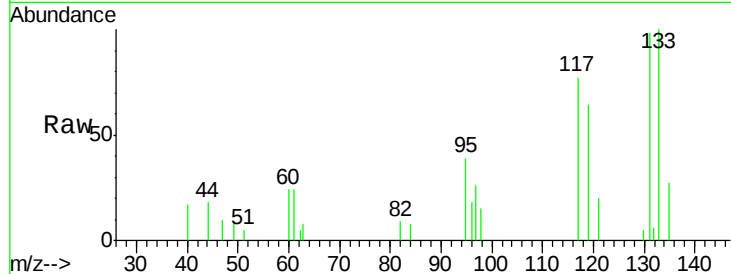
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.96 ug/l
 RT: 10.23 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Instrument :
 ClientSampleId :
 VSTDIC001

Tgt Ion:131 Resp: 1484
 Ion Ratio Lower Upper
 131 100
 133 99.0 47.6 142.9
 119 0.0 31.7 95.1#

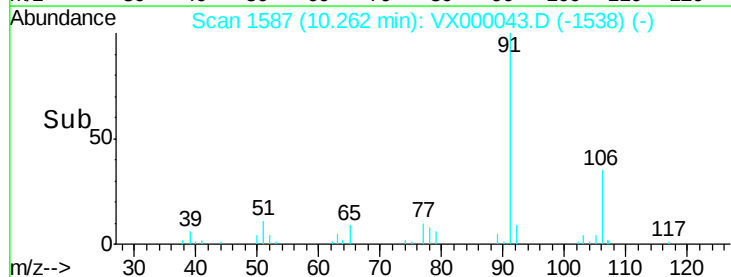
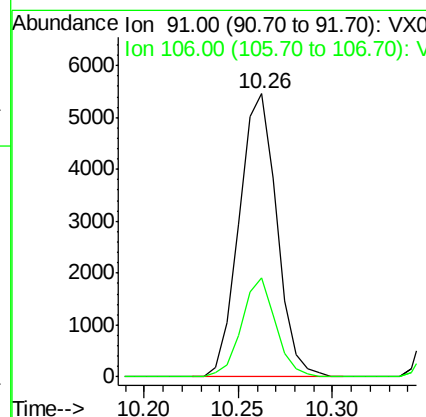
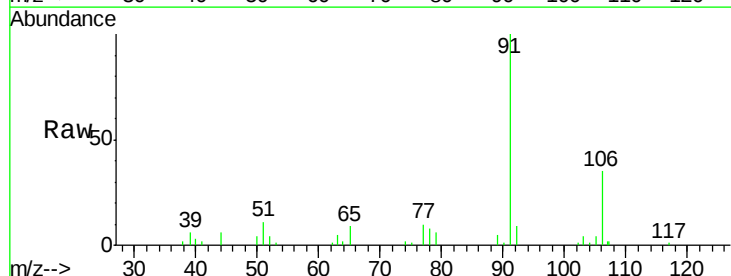
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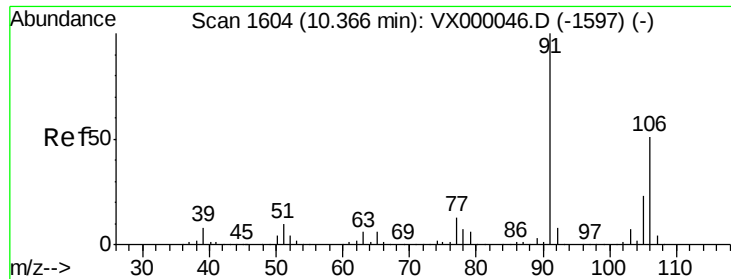
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#67
 Ethyl Benzene
 Concen: 1.07 ug/l
 RT: 10.26 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Tgt Ion: 91 Resp: 7550
 Ion Ratio Lower Upper
 91 100
 106 35.0 25.9 38.9





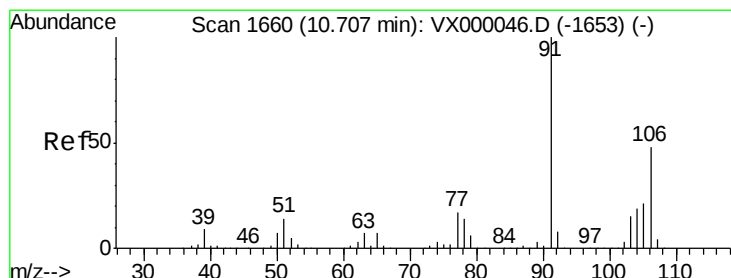
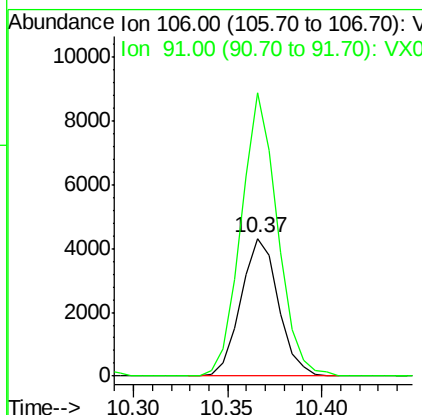
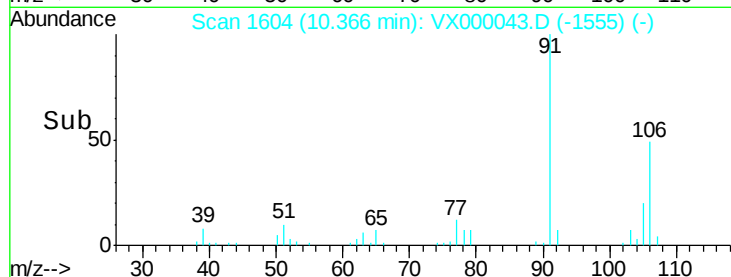
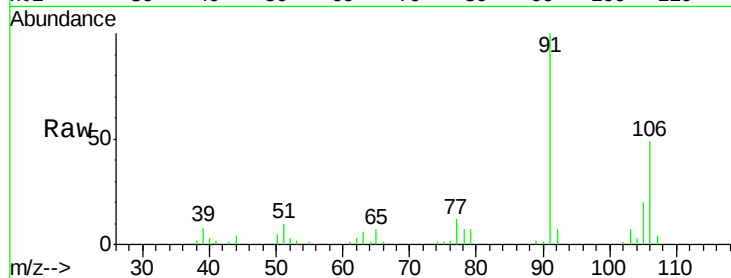
#68
m/p-Xylenes
Concen: 2.13 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Instrument :
ClientSampled :
VSTDIC001

Tgt Ion:106 Resp: 5961
Ion Ratio Lower Upper
106 100
91 199.2 158.3 237.5

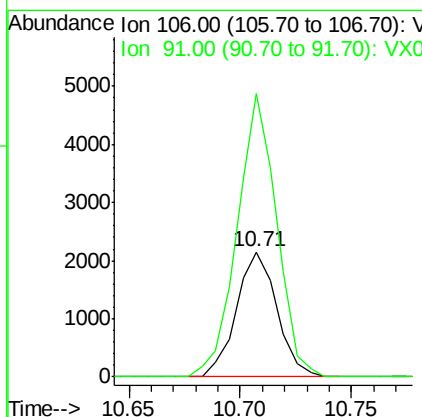
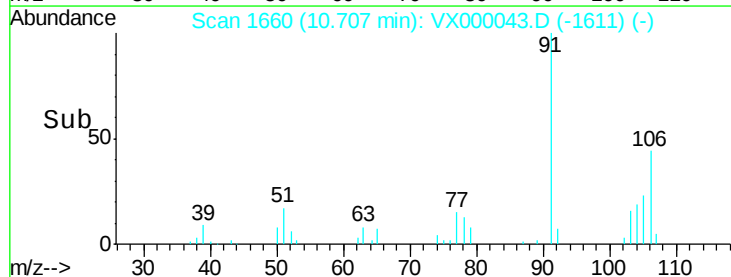
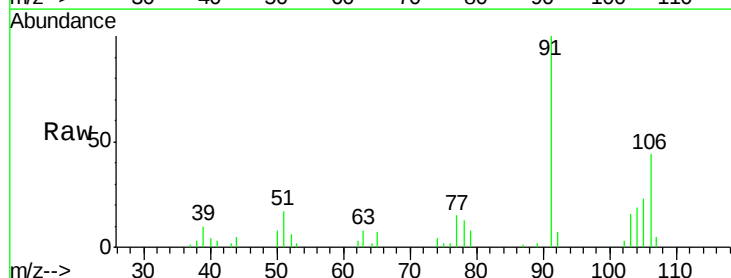
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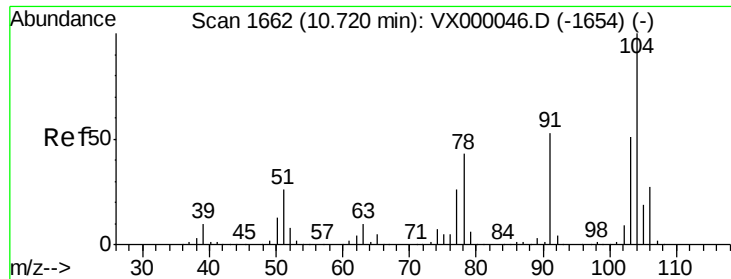
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#69
o-Xylene
Concen: 1.00 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Tgt Ion:106 Resp: 2718
Ion Ratio Lower Upper
106 100
91 221.2 104.0 312.0





#70

Styrene

Concen: 1.09 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Instrument :

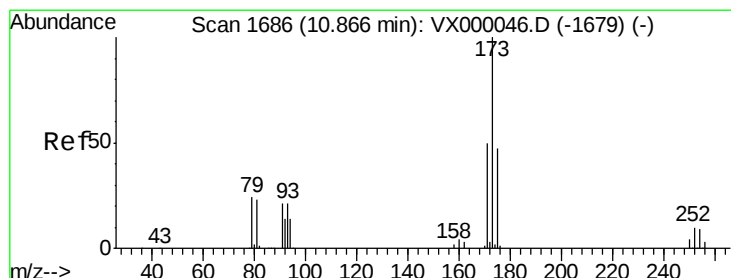
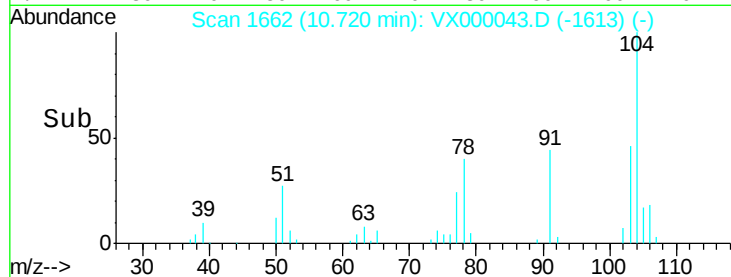
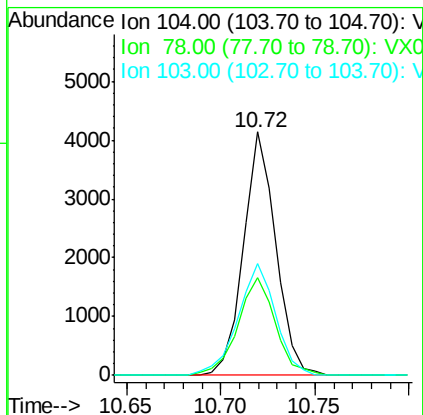
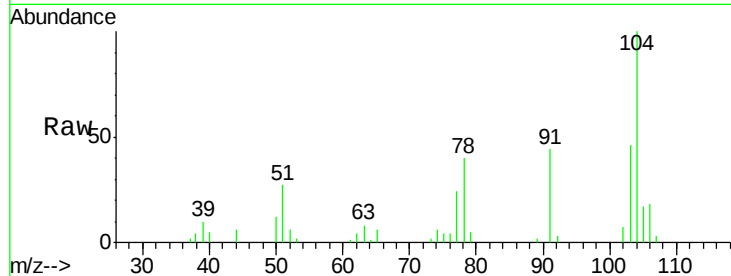
ClientSampled :

VSTDIC001

Tgt Ion:	104	Resp:	4914
Ion Ratio	Lower	Upper	
104	100		
78	46.8	37.7	56.5
103	53.7	44.0	66.0

Manual Integrations
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#71

Bromoform

Concen: 0.88 ug/l

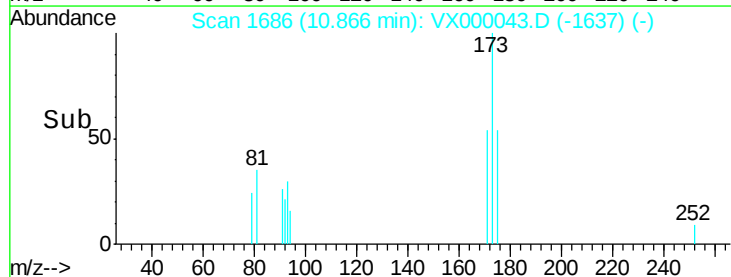
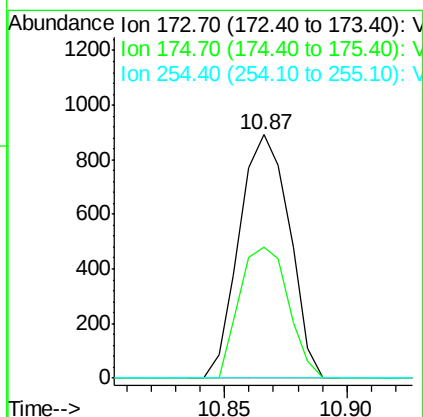
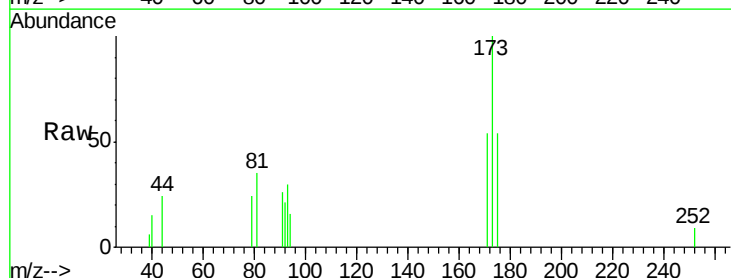
RT: 10.87 min Scan# 1686

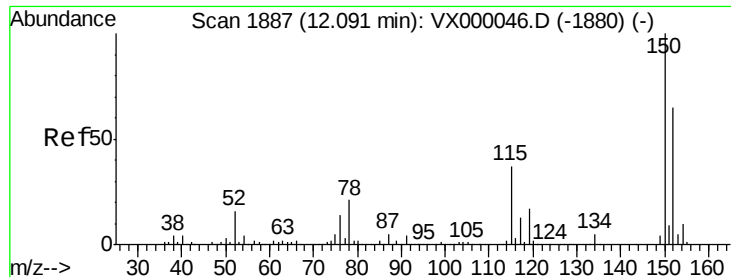
Delta R.T. -0.00 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Tgt Ion:	173	Resp:	1279
Ion Ratio	Lower	Upper	
173	100		
175	52.4	23.9	71.8
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Instrument :

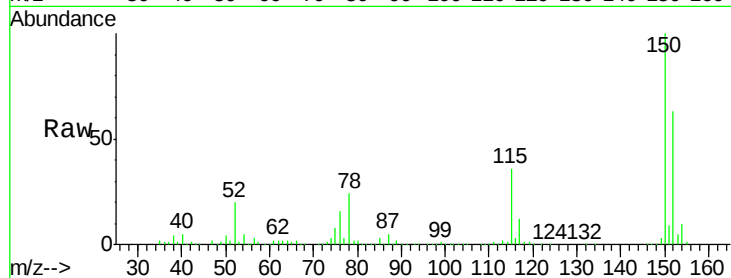
ClientSampled :

VSTDIC001

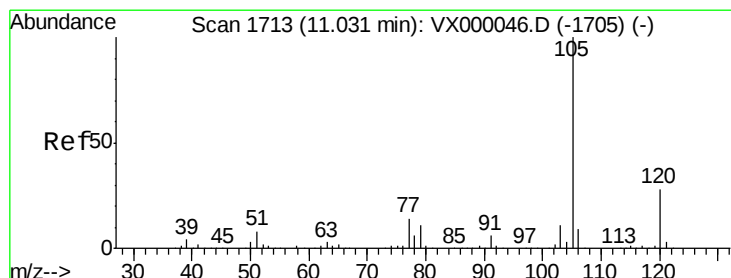
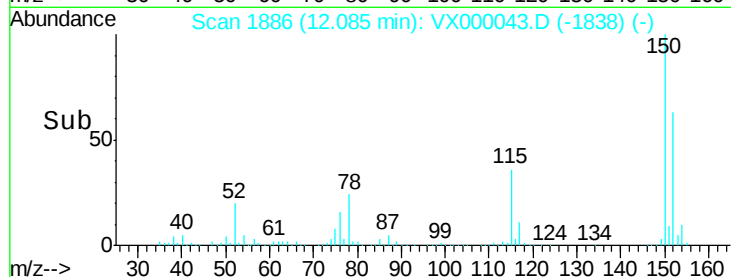
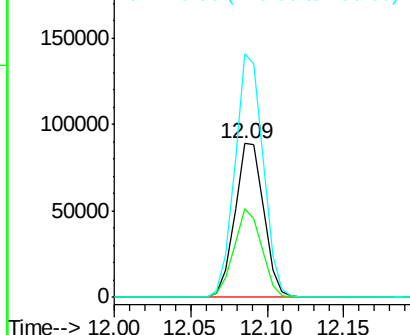
Tgt Ion:	152	Resp:	115995
Ion Ratio	Lower	Upper	
152	100		
115	55.5	39.3	117.8
150	155.1	0.0	349.2

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



#73

Isopropylbenzene

Concen: 1.10 ug/l

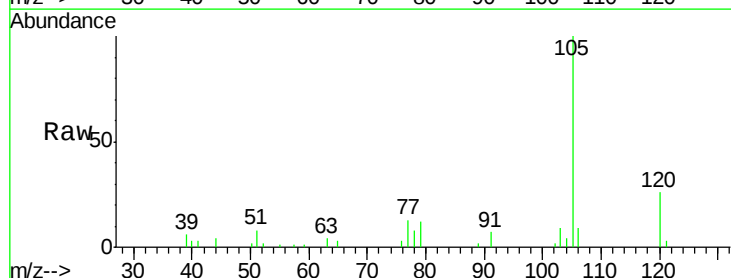
RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

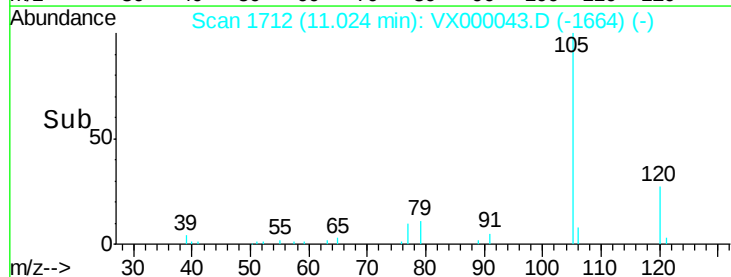
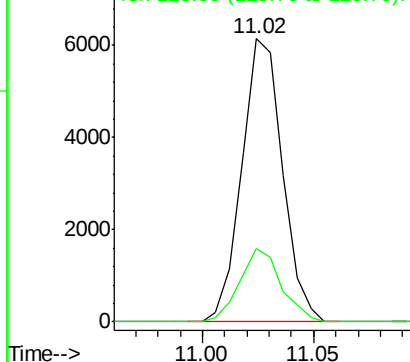
Lab File: VX000043.D

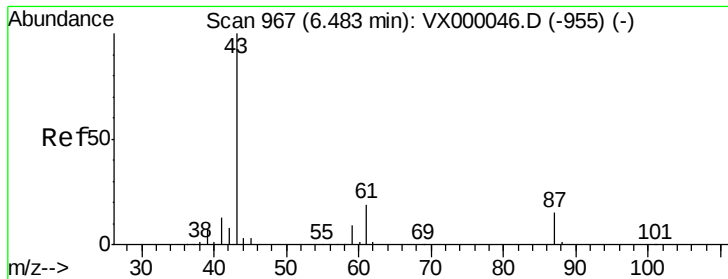
Acq: 09 Feb 2018 15:08

Tgt Ion:	105	Resp:	7856
Ion Ratio	Lower	Upper	
105	100		
120	26.4	13.8	41.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 1.18 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

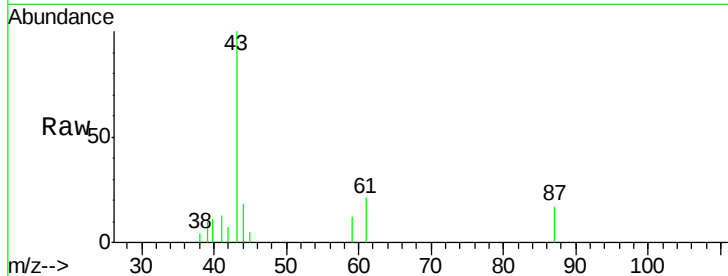
Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Instrument :

ClientSampleId :

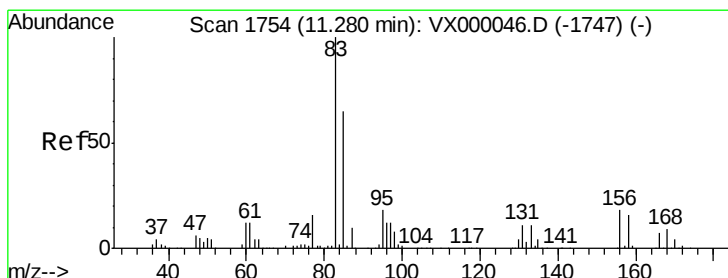
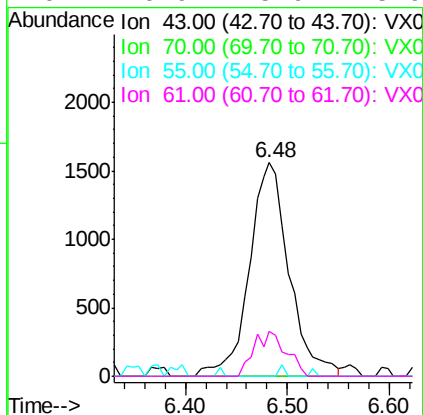
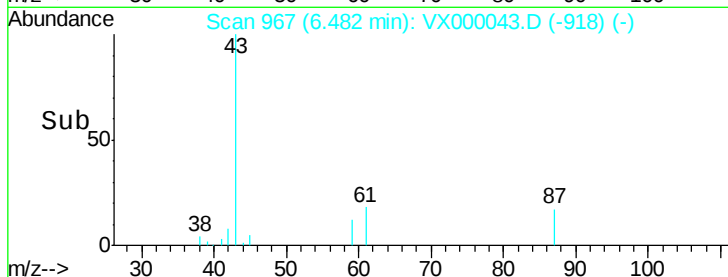
VSTDIC001



Tgt Ion:	43	Resp:	4221
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.7	0.1	0.1#
61	16.9	15.9	23.9

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#75

1,1,2,2-Tetrachloroethane

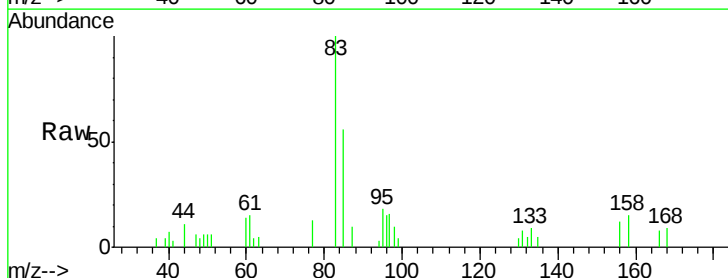
Concen: 1.09 ug/l

RT: 11.28 min Scan# 1754

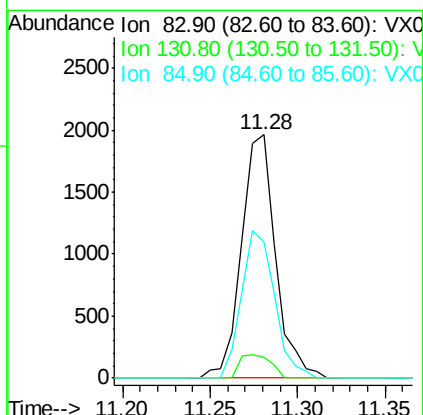
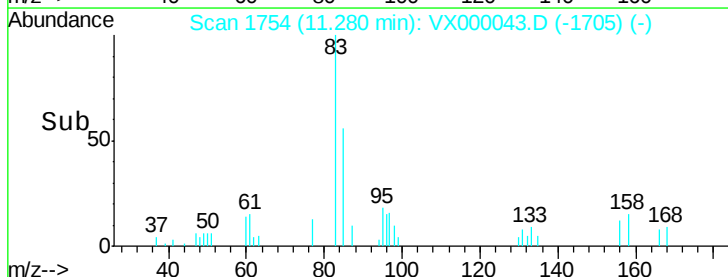
Delta R.T. -0.00 min

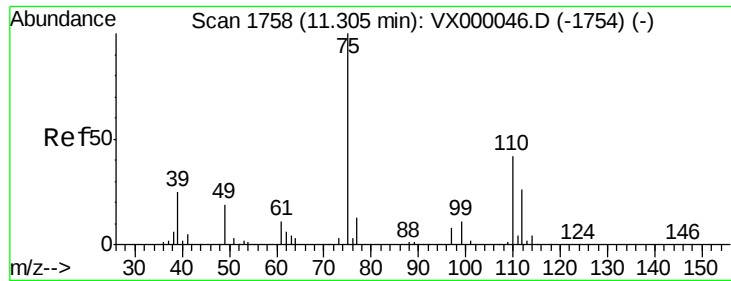
Lab File: VX000043.D

Acq: 09 Feb 2018 15:08



Tgt Ion:	83	Resp:	2665
Ion	Ratio	Lower	Upper
83	100		
131	8.7	5.5	16.7
85	58.7	32.6	97.7





#76

1,2,3-Trichloropropane

Concen: 1.01 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Instrument :

ClientSampled :

VSTDIC001

Tgt Ion: 75 Resp: 2243

Ion Ratio Lower Upper

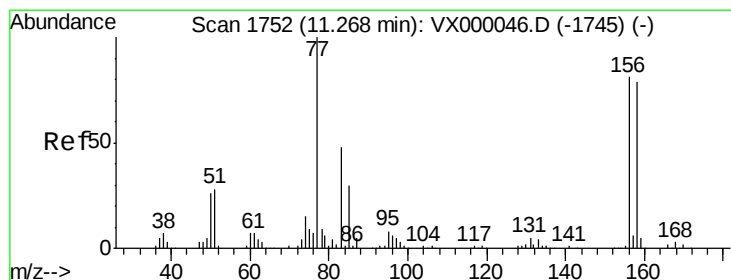
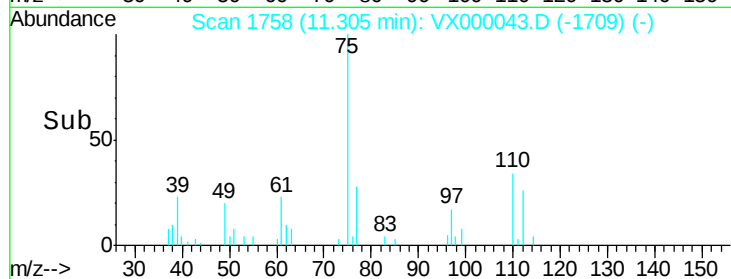
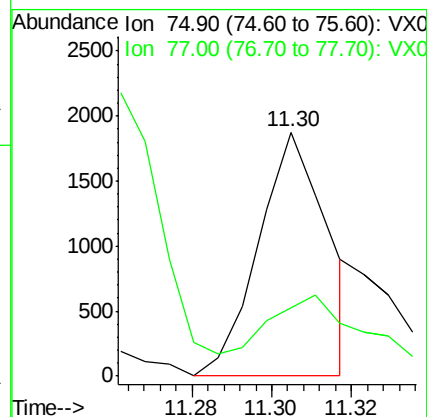
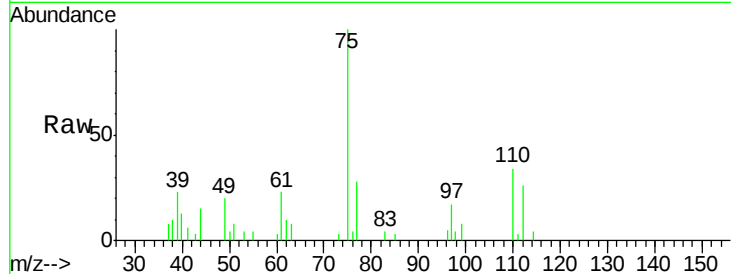
75 100

77 51.8 23.7 71.1

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#77

Bromobenzene

Concen: 1.10 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

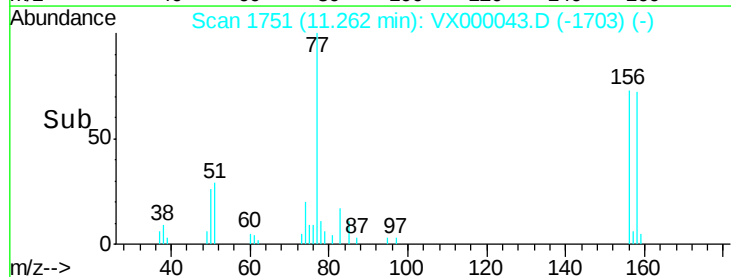
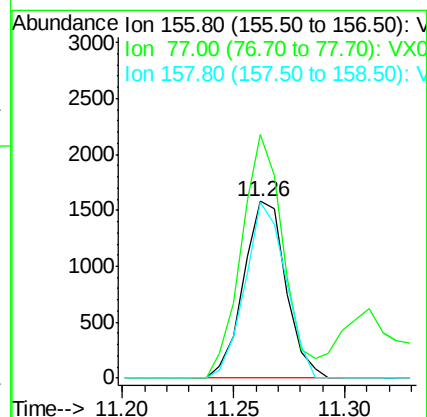
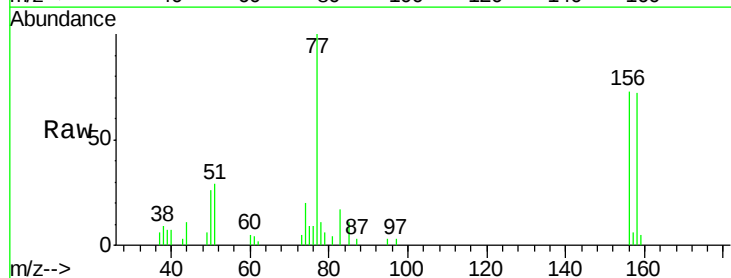
Tgt Ion: 156 Resp: 2095

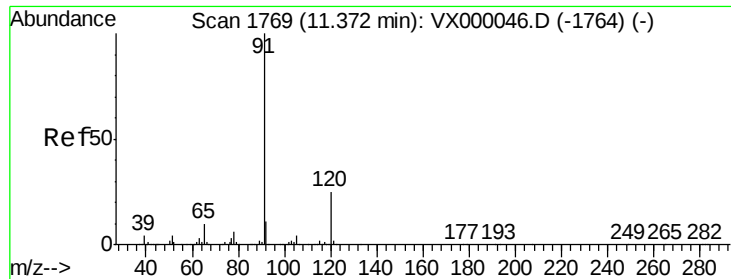
Ion Ratio Lower Upper

156 100

77 136.2 66.2 198.6

158 95.2 48.6 145.9





#78

n-propylbenzene

Concen: 1.09 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.01 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Instrument :

ClientSampled :
VSTDIC001

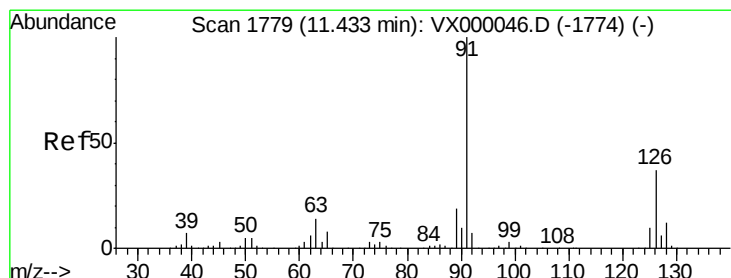
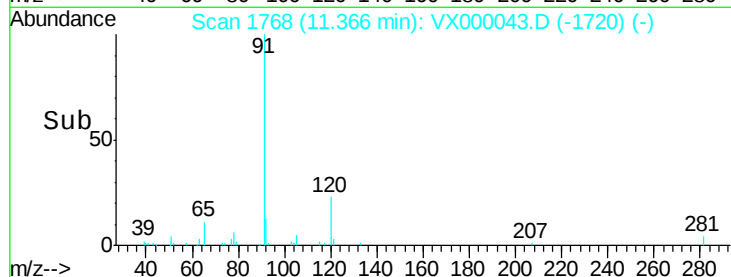
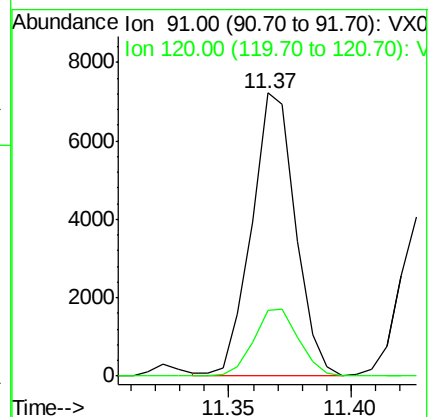
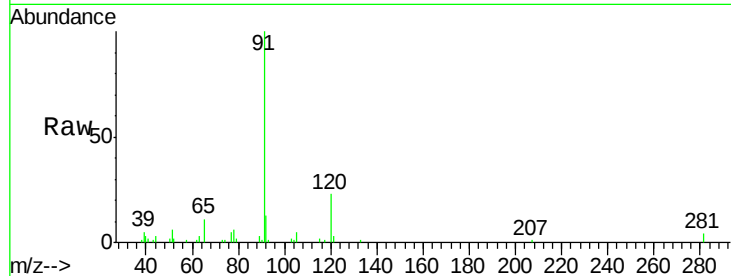
Tgt Ion: 91 Resp: 9036
Ion Ratio Lower Upper

91 100

120 24.3 12.2 36.6

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#79

2-Chlorotoluene

Concen: 1.13 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

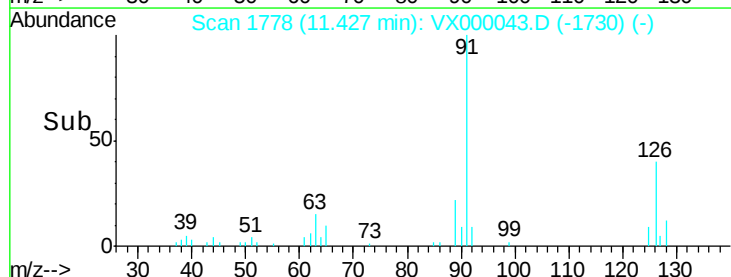
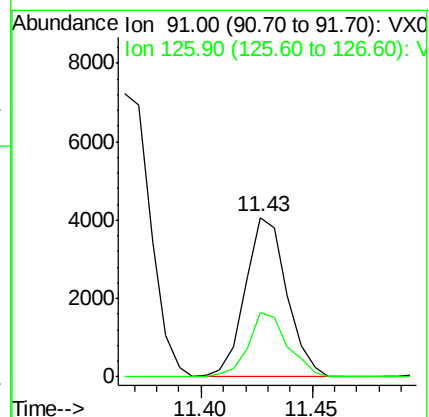
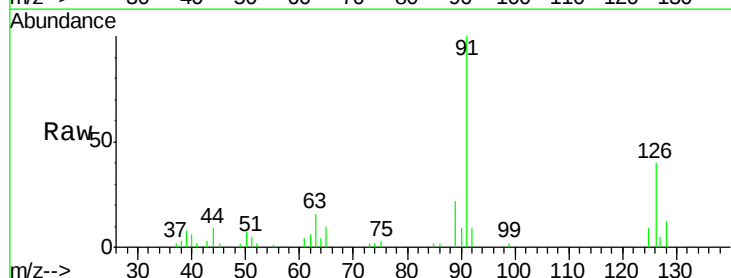
Lab File: VX000043.D

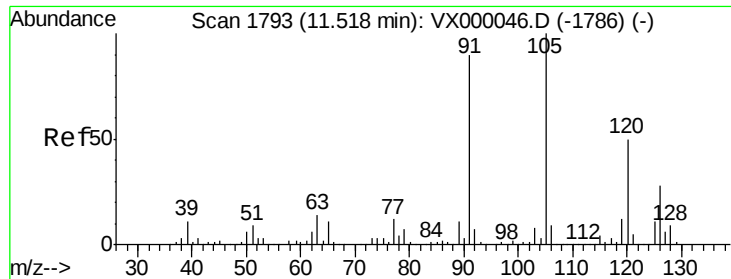
Acq: 09 Feb 2018 15:08

Tgt Ion: 91 Resp: 5328
Ion Ratio Lower Upper

91 100

126 38.1 18.2 54.6





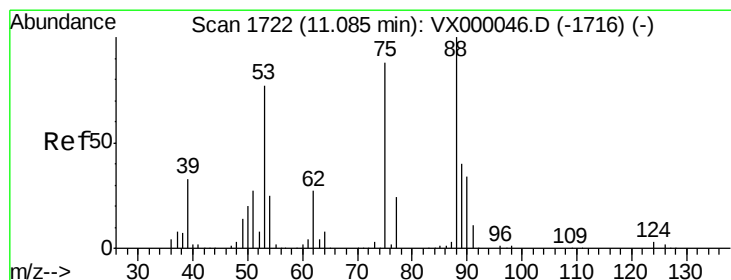
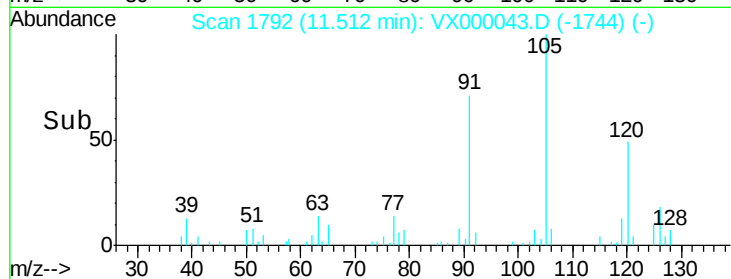
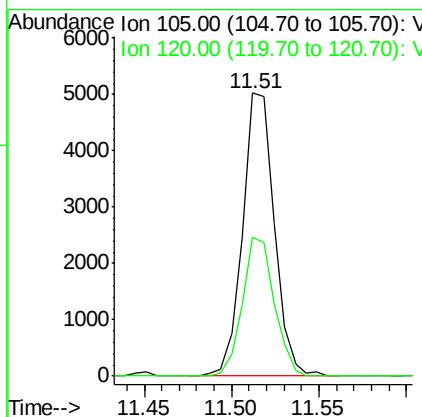
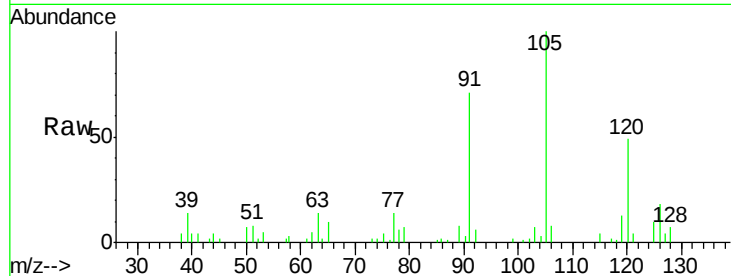
#80
 1,3,5-Trimethylbenzene
 Concen: 1.05 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Instrument :
 ClientSampled :
 VSTDIC001

Tgt Ion: 105 Resp: 6329
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.8 74.3

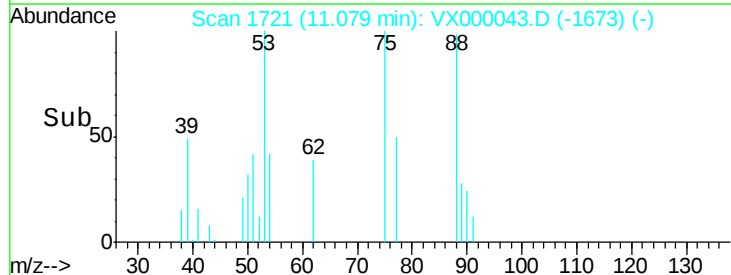
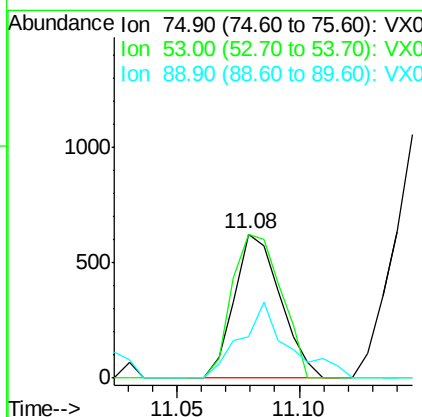
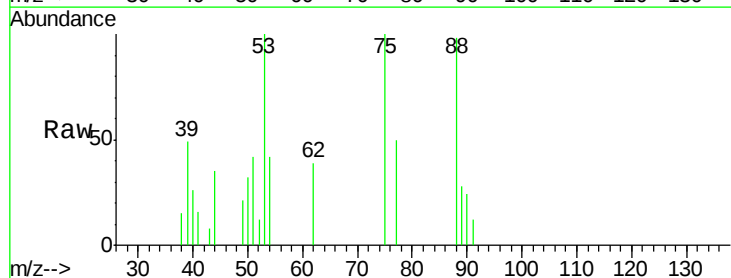
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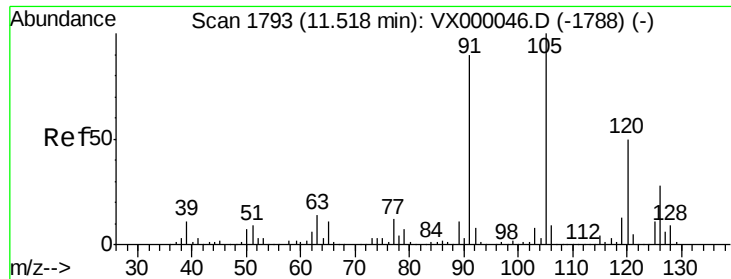
sam
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 1.03 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Tgt Ion: 75 Resp: 821
 Ion Ratio Lower Upper
 75 100
 53 106.8 70.3 105.5#
 89 54.6 48.6 72.8





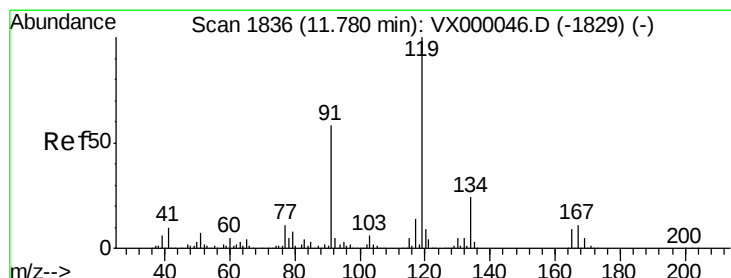
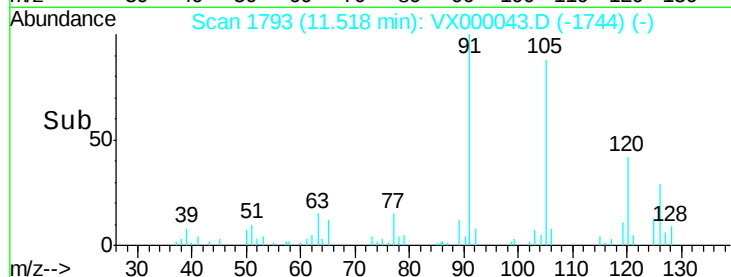
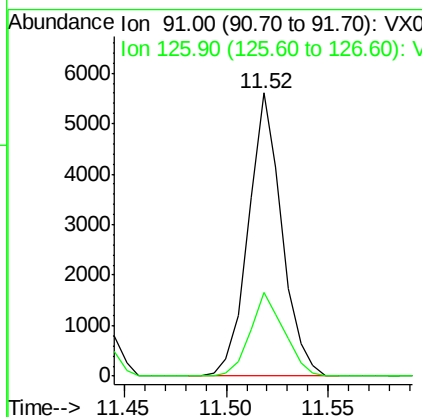
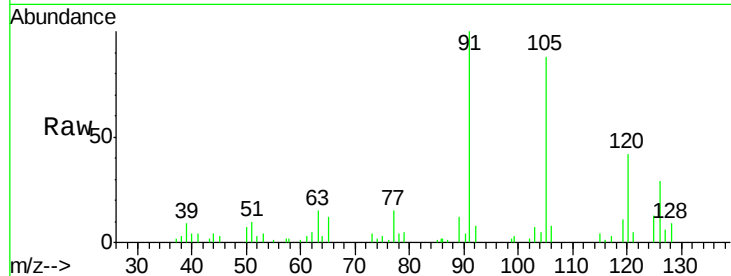
#82
4-Chlorotoluene
Concen: 1.12 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Instrument :
ClientSampled :
VSTDIC001

Tgt Ion: 91 Resp: 6392
Ion Ratio Lower Upper
91 100
126 29.8 16.3 48.8

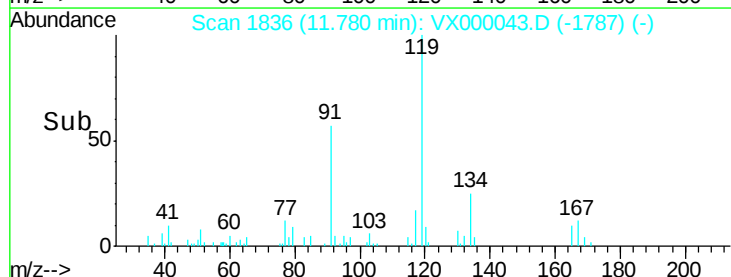
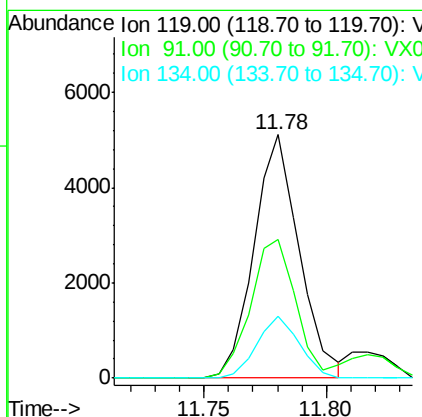
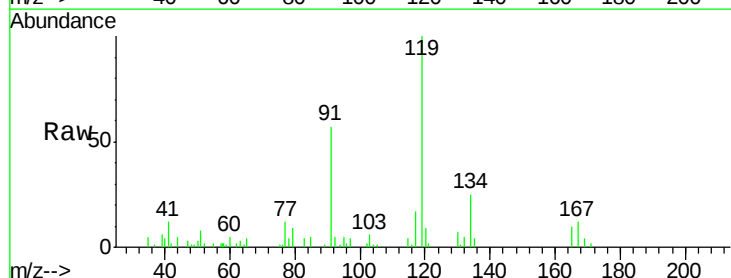
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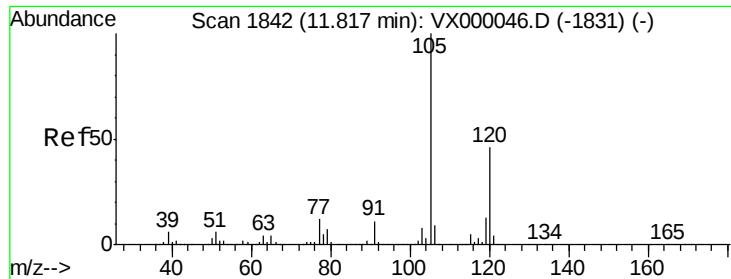
sam
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#83
tert-Butylbenzene
Concen: 1.08 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Tgt Ion: 119 Resp: 6580
Ion Ratio Lower Upper
119 100
91 58.5 27.9 83.7
134 24.0 11.7 35.1





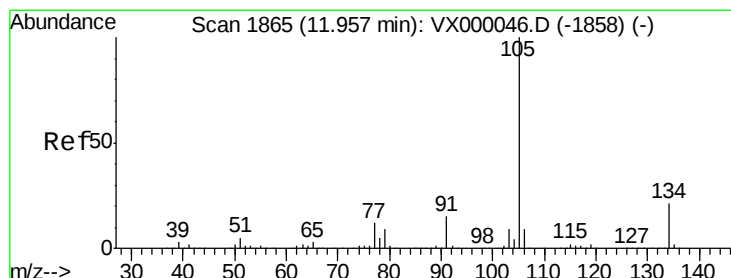
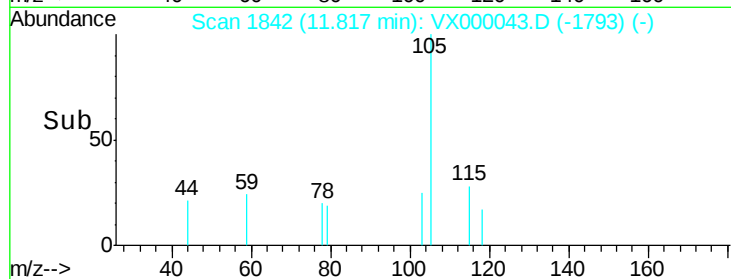
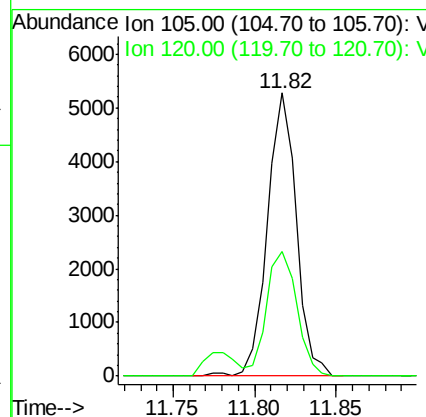
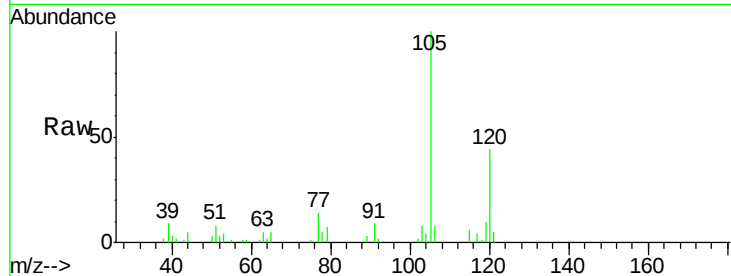
#84
 1,2,4-Trimethylbenzene
 Concen: 1.04 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Instrument :
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 6467
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.4 70.2

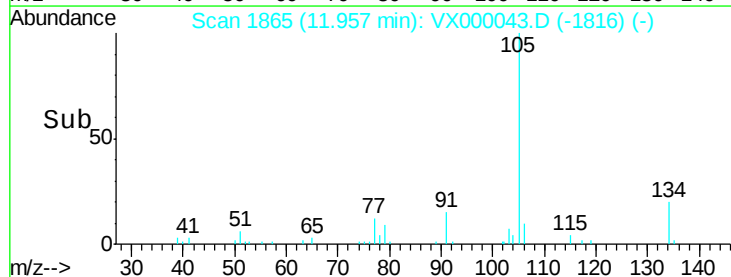
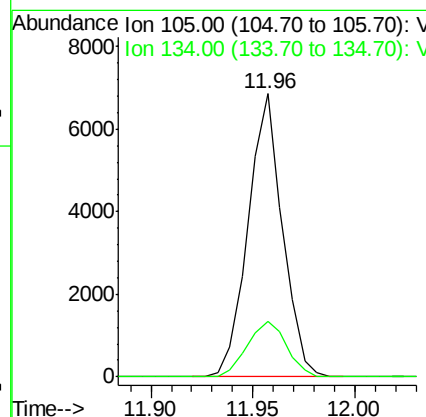
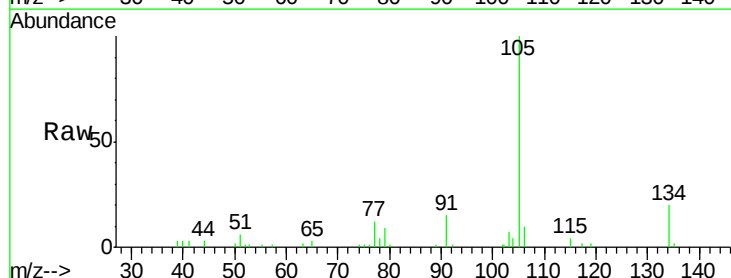
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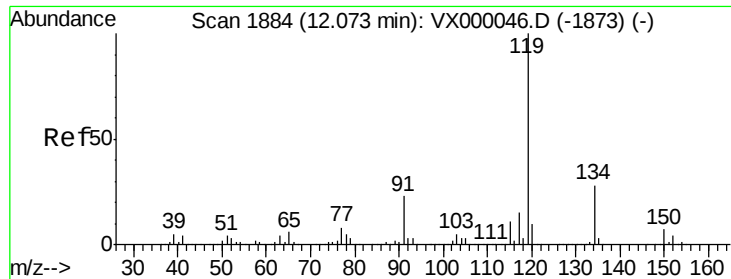
sam
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#85
 sec-Butylbenzene
 Concen: 1.07 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Tgt Ion:105 Resp: 8018
 Ion Ratio Lower Upper
 105 100
 134 22.2 10.6 31.8





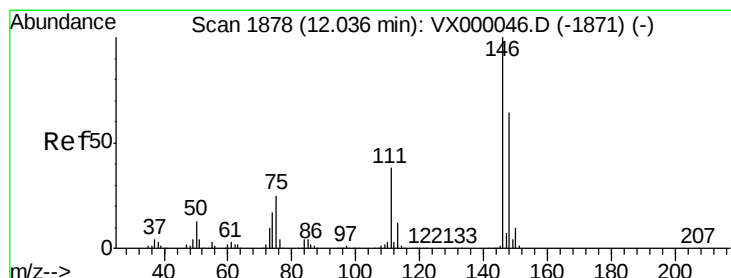
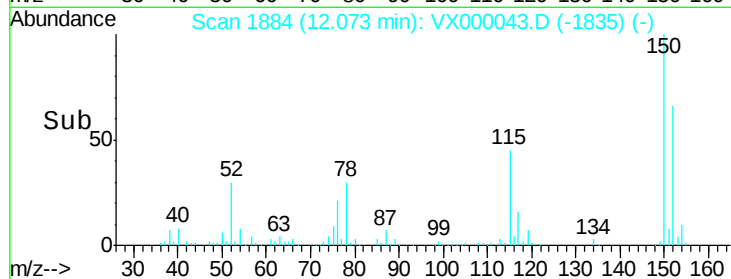
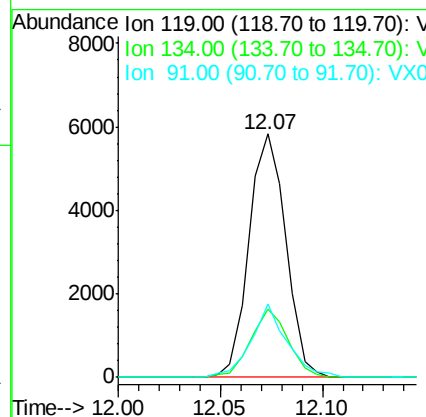
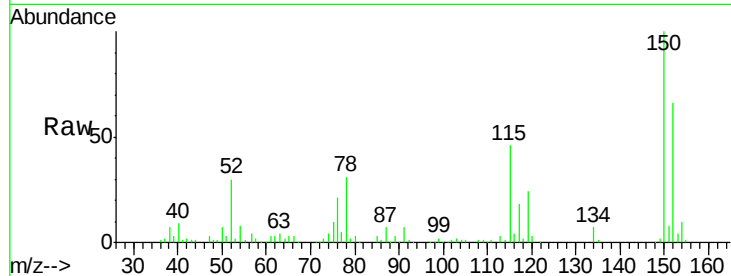
#86
p-Isopropyltoluene
Concen: 1.08 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Instrument :
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.8	14.0	41.9
91	29.5	11.6	34.7

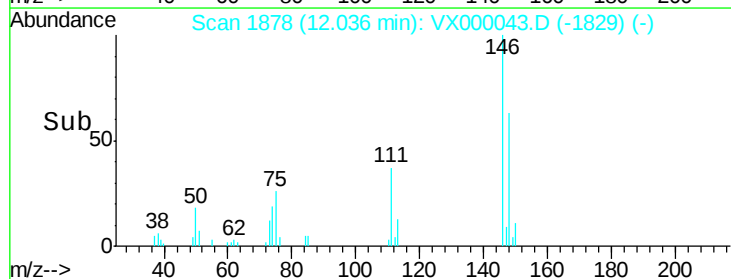
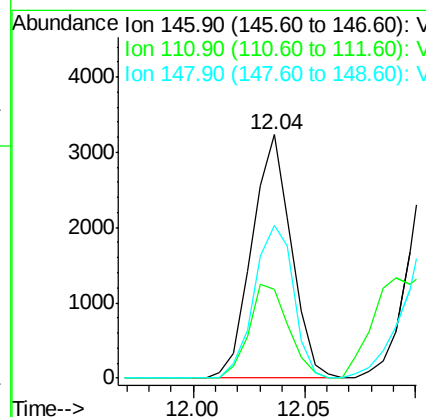
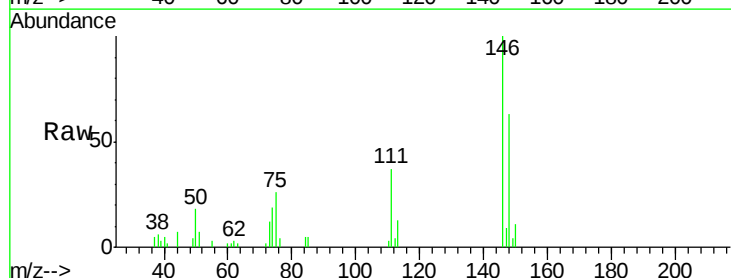
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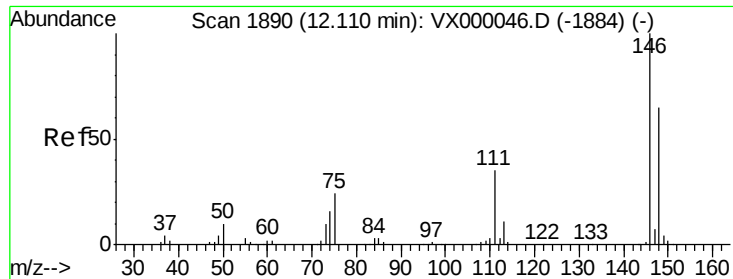
sam
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#87
1,3-Dichlorobenzene
Concen: 1.08 ug/l
RT: 12.04 min Scan# 1878
Delta R.T. -0.00 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

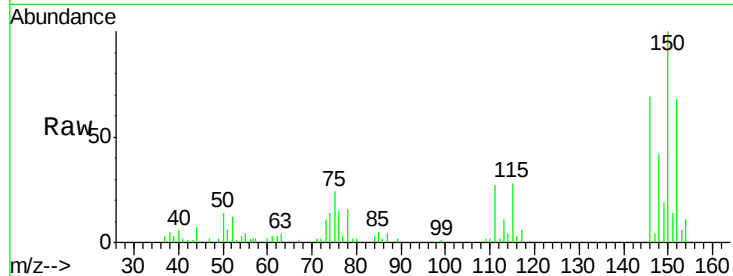
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.9
148	62.6	31.8	95.4





#88
 1,4-Dichlorobenzene
 Concen: 1.14 ug/l m
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

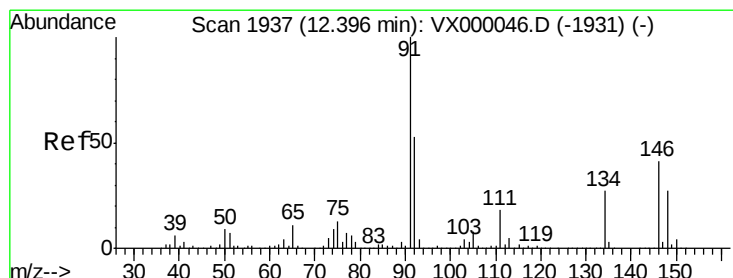
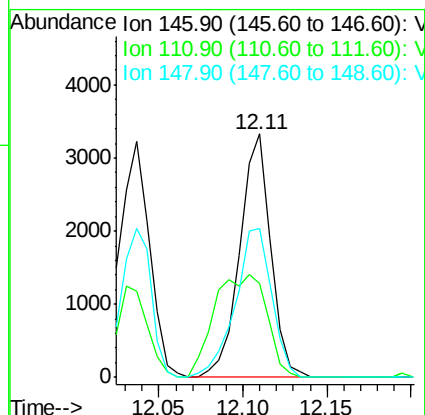
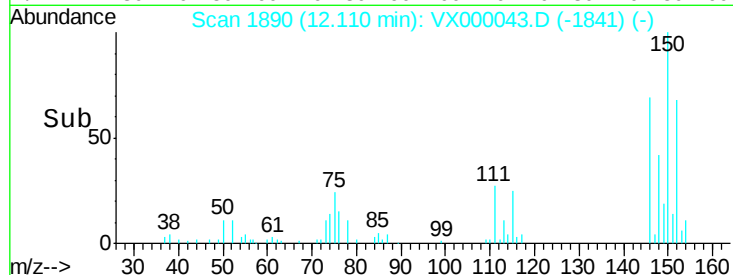
Instrument :
 ClientSampled :
 VSTDIC001



Tgt Ion: 146 Resp: 4260
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.7 56.1
 148 58.5 32.1 96.5

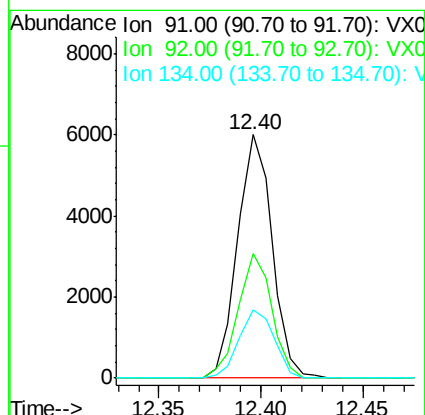
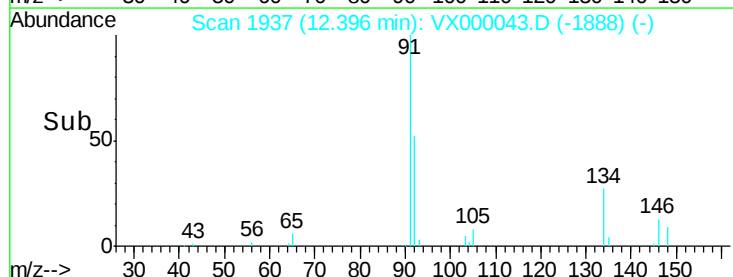
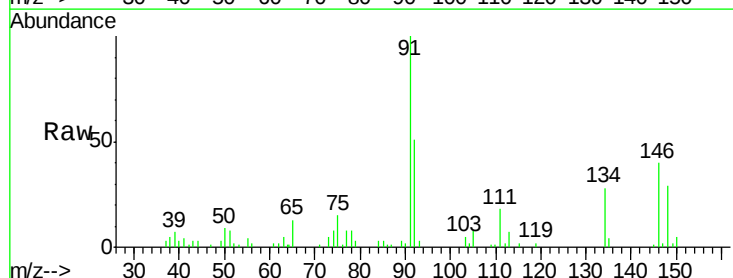
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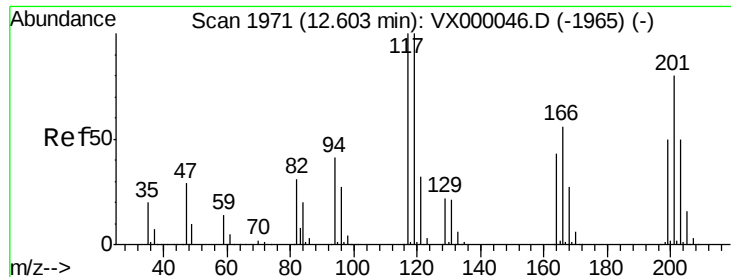
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#89
 n-Butylbenzene
 Concen: 1.12 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Tgt Ion: 91 Resp: 7066
 Ion Ratio Lower Upper
 91 100
 92 49.8 26.1 78.2
 134 28.6 14.1 42.2





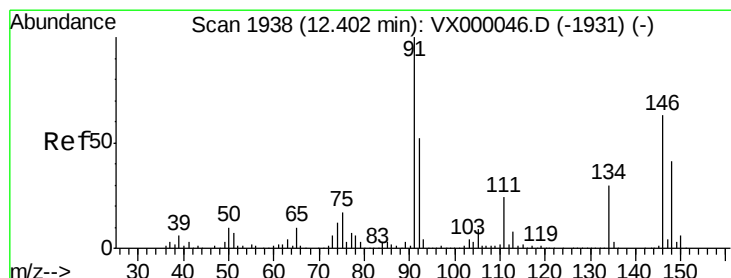
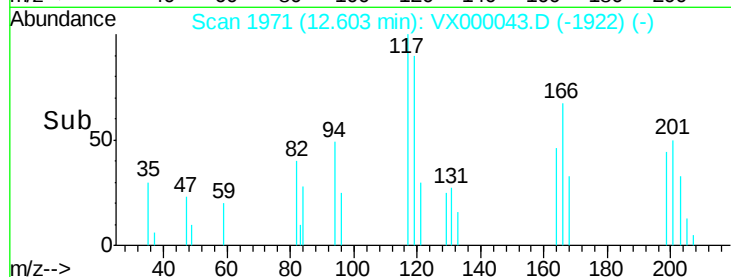
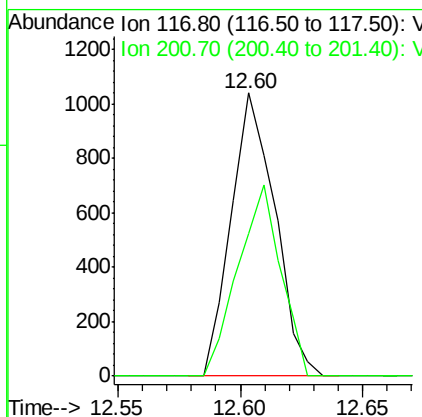
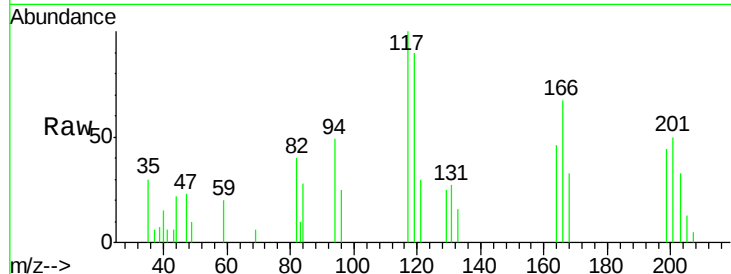
#90
Hexachloroethane
Concen: 1.20 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Instrument :
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 1297
Ion Ratio Lower Upper
117 100
201 66.2 43.5 130.7

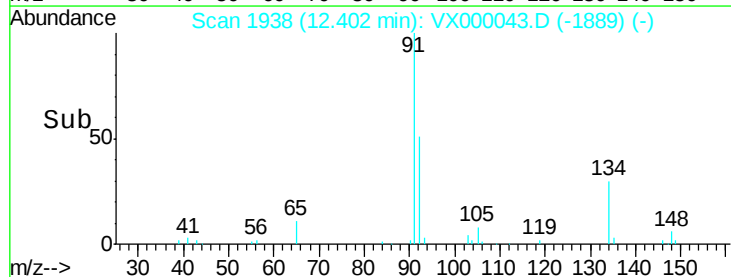
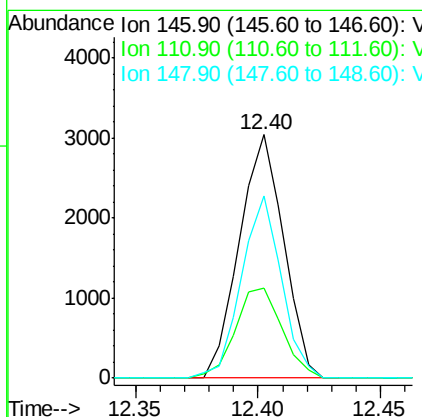
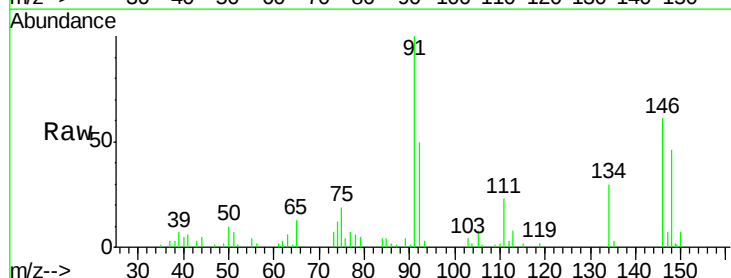
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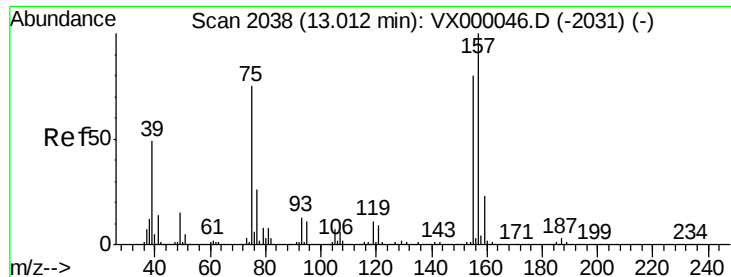
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#91
1,2-Dichlorobenzene
Concen: 1.06 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VX000043.D
Acq: 09 Feb 2018 15:08

Tgt Ion:146 Resp: 3828
Ion Ratio Lower Upper
146 100
111 38.9 19.4 58.2
148 67.6 32.0 96.2





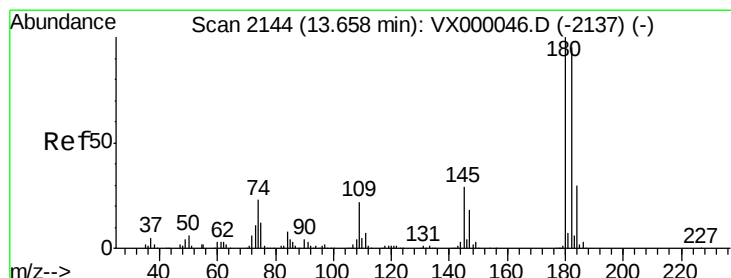
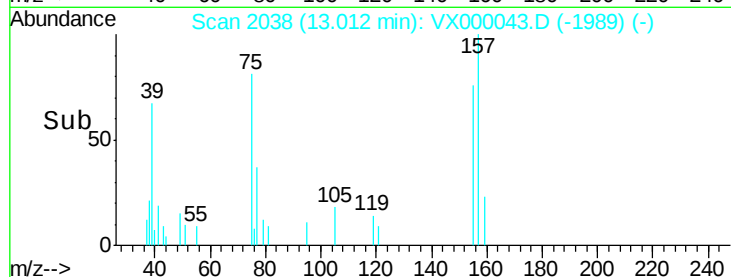
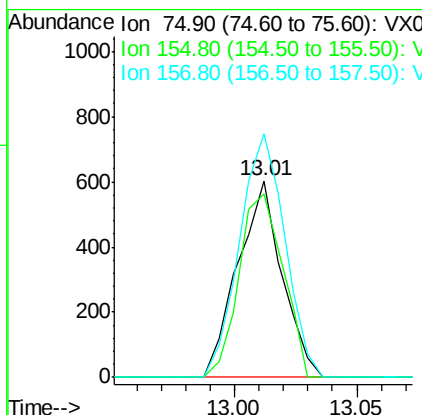
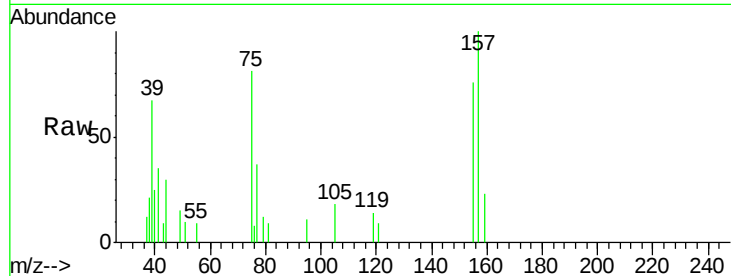
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.06 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Instrument :
 ClientSampled :
 VSTDIC001

Tgt Ion: 75 Resp: 762
 Ion Ratio Lower Upper
 75 100
 155 92.9 52.0 156.0
 157 126.8 65.3 195.9

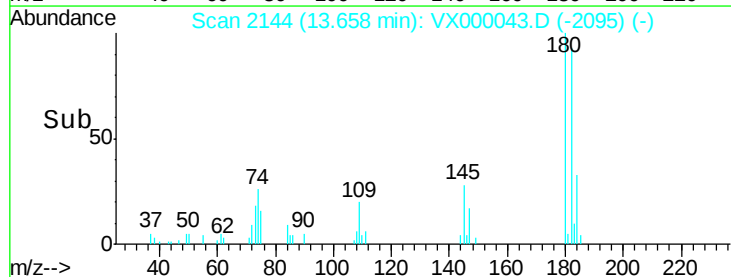
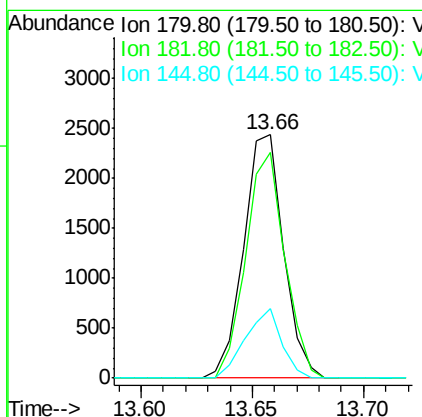
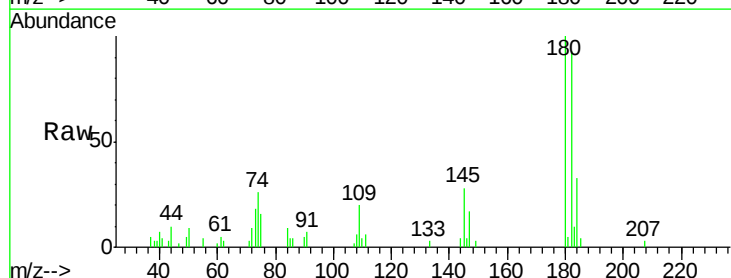
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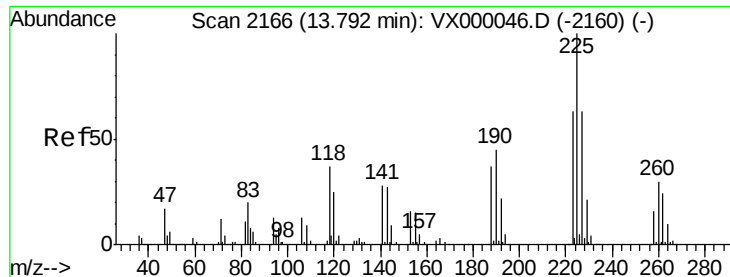
sam
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#93
 1,2,4-Trichlorobenzene
 Concen: 1.10 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Tgt Ion: 180 Resp: 3061
 Ion Ratio Lower Upper
 180 100
 182 90.3 48.0 144.0
 145 25.6 14.7 44.1





#94

Hexachlorobutadiene

Concen: 1.09 ug/l

RT: 13.79 min Scan# 2166

Delta R.T. -0.00 min

Lab File: VX000043.D

Acq: 09 Feb 2018 15:08

Instrument :

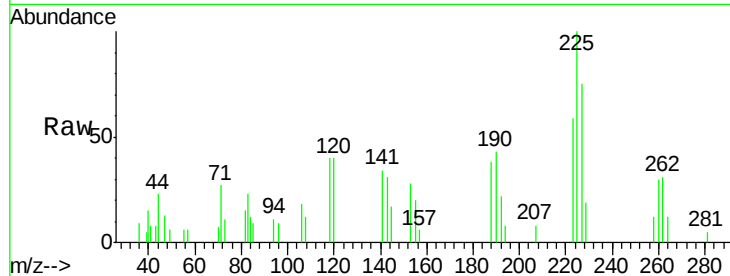
ClientSampled :

VSTDIC001

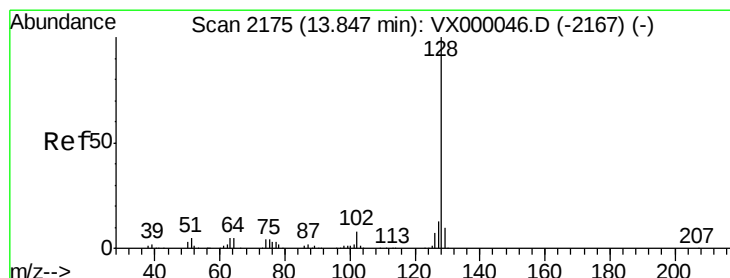
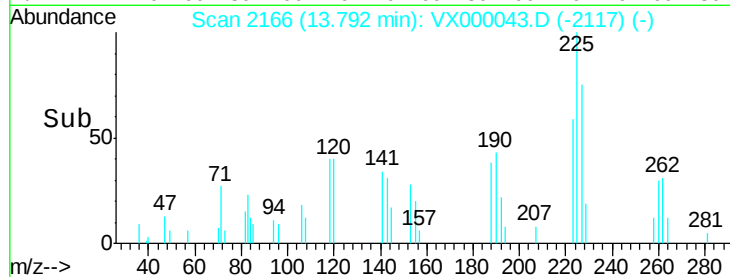
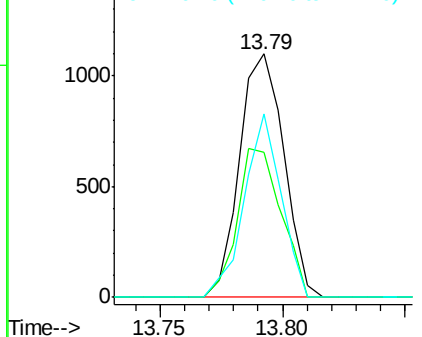
Tgt Ion:	225	Resp:	1389
Ion Ratio	Lower	Upper	
225	100		
223	60.4	31.9	95.5
227	62.4	31.6	95.0

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



#95

Naphthalene

Concen: 0.99 ug/l

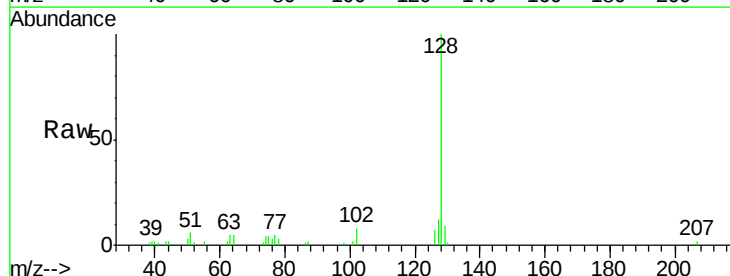
RT: 13.85 min Scan# 2175

Delta R.T. -0.00 min

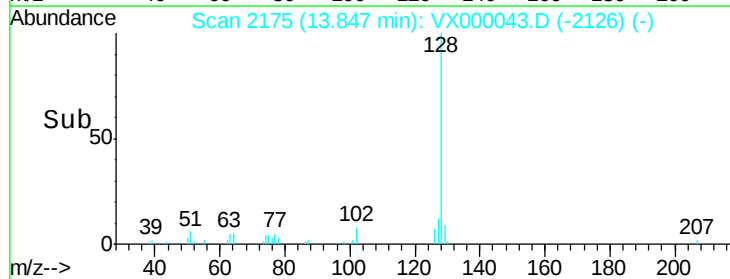
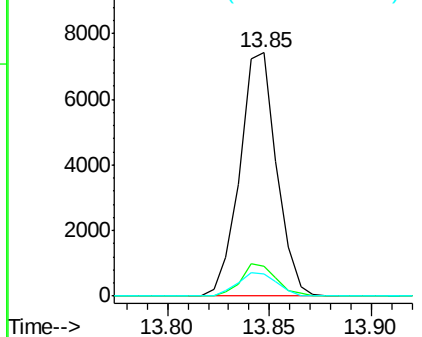
Lab File: VX000043.D

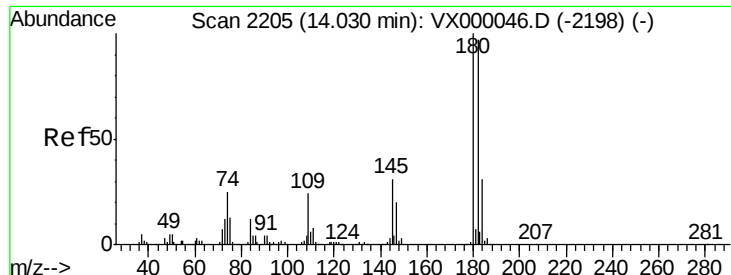
Acq: 09 Feb 2018 15:08

Tgt Ion:	128	Resp:	9302
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	10.1	8.6	13.0



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





#96
 1,2,3-Trichlorobenzene
 Concen: 1.02 ug/l
 RT: 14.03 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: VX000043.D
 Acq: 09 Feb 2018 15:08

Instrument :
 ClientSampled :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.7
145	35.0	15.7	47.0

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