

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022718\
 Data File : VX000144.D
 Acq On : 27 Feb 2018 15:17
 Operator : JC/MD
 Sample : VX0227WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VX0227WBS01

Manual Integrations
 APPROVED

apatel
 2/28/2018 3:54:45 PM

Quant Time: Feb 28 05:39:39 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	162188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	274675	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	262052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144052	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	112299	55.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.90%	
35) Dibromofluoromethane	5.51	113	89550	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
50) Toluene-d8	8.73	98	346846	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.15	95	131932	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	26894	16.10	ug/l	98
3) Chloromethane	1.32	50	27991	17.09	ug/l	99
4) Vinyl Chloride	1.40	62	32397	17.75	ug/l	95
5) Bromomethane	1.64	94	28756	18.41	ug/l	95
6) Chloroethane	1.73	64	21649	17.67	ug/l	98
7) Trichlorofluoromethane	1.93	101	59022	18.09	ug/l	97
8) Diethyl Ether	2.20	74	21989	19.53	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33474	18.36	ug/l	97
10) Methyl Iodide	2.51	142	33695	16.87	ug/l	97
11) Tert butyl alcohol	3.07	59	78700	100.83	ug/l	99
12) 1,1-Dichloroethene	2.38	96	29929	17.62	ug/l	89
13) Acrolein	2.30	56	9212	24.71	ug/l	100
14) Allyl chloride	2.73	41	54546	19.18	ug/l	97
15) Acrylonitrile	3.15	53	128750	96.59	ug/l	98
16) Acetone	2.45	43	124512	94.79	ug/l	99
17) Carbon Disulfide	2.57	76	73017	14.60	ug/l	99
18) Methyl Acetate	2.78	43	69354	22.52	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	115444	19.80	ug/l	98
20) Methylene Chloride	2.86	84	34855	19.83	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	32577	17.69	ug/l	97
22) Diisopropyl ether	3.88	45	87644	17.64	ug/l	94
23) Vinyl Acetate	3.84	43	387641	83.96	ug/l	96
24) 1,1-Dichloroethane	3.70	63	59710	20.29	ug/l	97
25) 2-Butanone	4.72	43	173058	94.37	ug/l	99
26) 2,2-Dichloropropane	4.59	77	35563	13.90	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	31584	18.00	ug/l	99
28) Bromochloromethane	5.03	49	26575	20.14	ug/l	92
29) Tetrahydrofuran	5.18	42	111293	93.20	ug/l	98
30) Chloroform	5.23	83	57178	18.46	ug/l	100
31) Cyclohexane	5.58	56	42134	16.65	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	52330	18.36	ug/l	99
36) 1,1-Dichloropropene	5.81	75	40628	16.48	ug/l	98
37) Ethyl Acetate	4.87	43	59433	17.55	ug/l	98
38) Carbon Tetrachloride	5.79	117	44197	16.60	ug/l	93

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	46788	15.77	ug/l	99
40) Benzene	6.15	78	121399	17.24	ug/l	97
41) Methacrylonitrile	5.08	41	31524	19.07	ug/l	98
42) 1,2-Dichloroethane	6.21	62	48530	18.78	ug/l	99
43) Isopropyl Acetate	6.48	43	88551	18.13	ug/l	98
44) Trichloroethene	7.23	130	35913	17.32	ug/l	96
45) 1,2-Dichloropropane	7.52	63	31205	18.08	ug/l	95
46) Dibromomethane	7.67	93	25218	18.73	ug/l	95
47) Bromodichloromethane	7.91	83	47222	18.98	ug/l	100
48) Methyl methacrylate	7.79	41	43849	18.32	ug/l	98
49) 1,4-Dioxane	7.77	88	23190	369.46	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	336756	94.34	ug/l	96
52) Toluene	8.79	92	83077	17.66	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	50878	17.39	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	50028	17.22	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	35643	18.32	ug/l	98
56) Ethyl methacrylate	9.20	69	54034	18.10	ug/l	95
57) 1,3-Dichloropropane	9.38	76	57524	18.61	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.32	63	142873	94.67	ug/l	97
59) 2-Hexanone	9.51	43	283473	93.79	ug/l	98
60) Dibromochloromethane	9.59	129	39301	17.83	ug/l	99
61) 1,2-Dibromoethane	9.68	107	38460	17.81	ug/l	98
64) Tetrachloroethene	9.34	164	34751	18.21	ug/l	94
65) Chlorobenzene	10.15	112	99529	17.99	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	35898	18.54	ug/l	98
67) Ethyl Benzene	10.26	91	167544	18.04	ug/l	99
68) m/p-Xylenes	10.37	106	130570	35.50	ug/l	100
69) o-Xylene	10.71	106	64520	18.19	ug/l	98
70) Styrene	10.72	104	106513	18.37	ug/l	99
71) Bromoform	10.87	173	31215	17.75	ug/l #	98
73) Isopropylbenzene	11.02	105	174554	19.12	ug/l	97
74) N-amyl acetate	6.48	43	88551	19.20	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	62380	19.62	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	57462m	19.26	ug/l	
77) Bromobenzene	11.26	156	45101	18.23	ug/l	94
78) n-propylbenzene	11.37	91	202249	18.79	ug/l	99
79) 2-Chlorotoluene	11.43	91	116891	18.98	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	146820	19.02	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	17352	16.56	ug/l	92
82) 4-Chlorotoluene	11.52	91	141697	19.02	ug/l	96
83) tert-Butylbenzene	11.78	119	146769	18.83	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	152021	18.97	ug/l	99
85) sec-Butylbenzene	11.96	105	184018	19.01	ug/l	98
86) p-Isopropyltoluene	12.07	119	165766	19.17	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	86280	18.18	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	90234	18.40	ug/l	97
89) n-Butylbenzene	12.40	91	150691	18.48	ug/l	98
90) Hexachloroethane	12.60	117	27245	19.35	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	87848	18.80	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18254	20.68	ug/l	90

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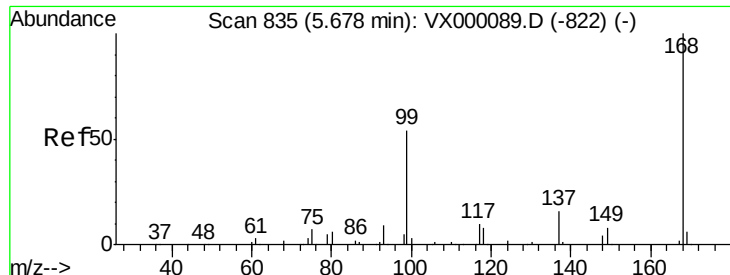
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	62331	17.78	ug/l	97
94) Hexachlorobutadiene	13.79	225	25701	16.80	ug/l	98
95) Naphthalene	13.84	128	225763	19.00	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	63978	18.49	ug/l	96

(#) = 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: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

ClientSampleId :

VX0227WBS01

Tot Ion:168 Resp: 162188

Ion Ratio Lower Upper

168 100

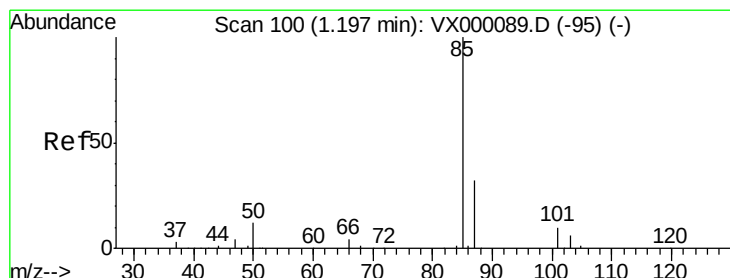
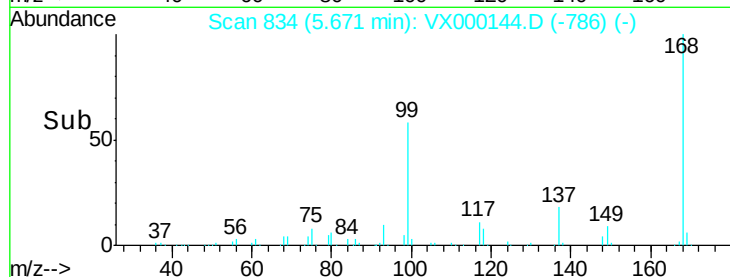
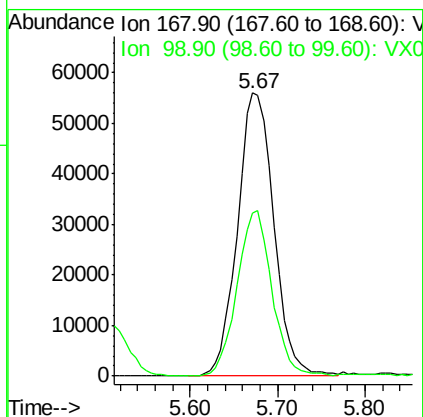
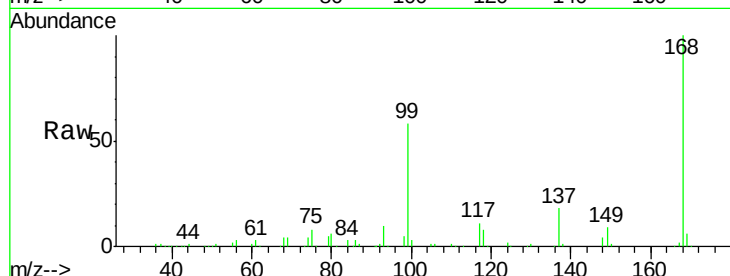
99 57.5 43.1 64.7

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#2

Dichlorodifluoromethane

Concen: 16.10 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000144.D

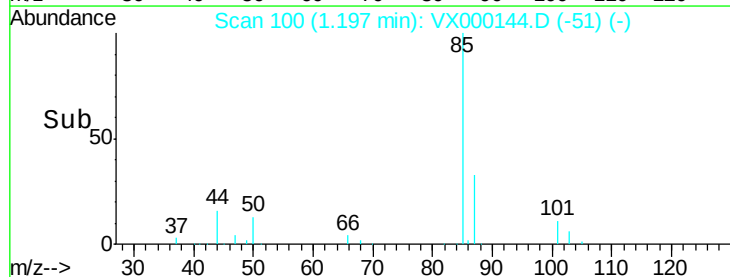
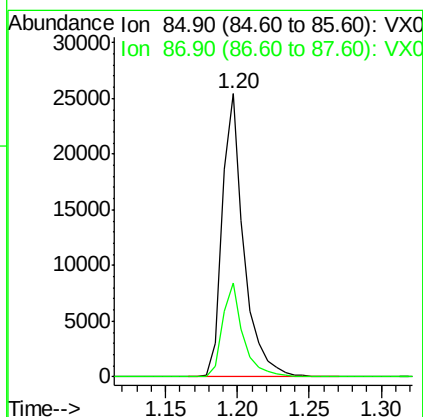
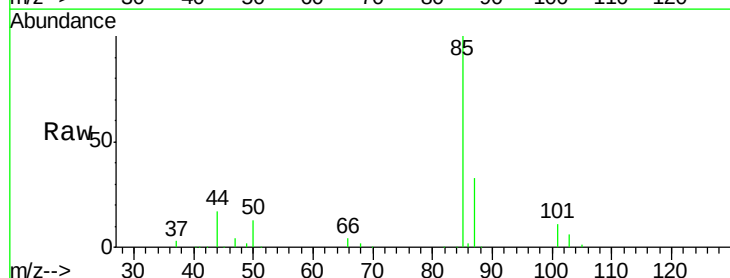
Acq: 27 Feb 2018 15:17

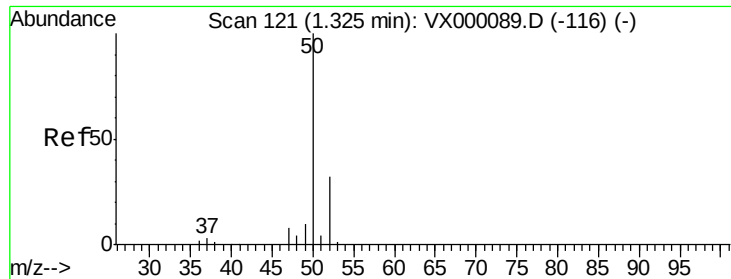
Tgt Ion: 85 Resp: 26894

Ion Ratio Lower Upper

85 100

87 33.1 16.1 48.2





#3

Chloromethane

Concen: 17.09 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

ClientSampled :

VX0227WBS01

Tot Ion: 50 Resp: 27991

Ion Ratio Lower Upper

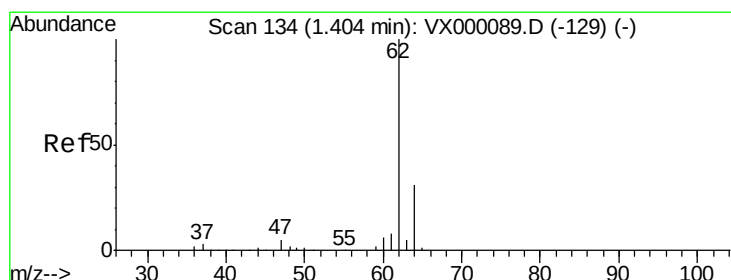
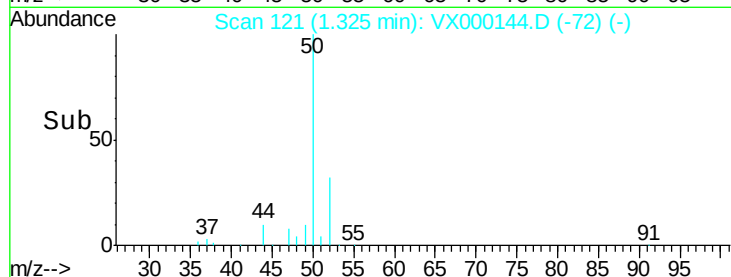
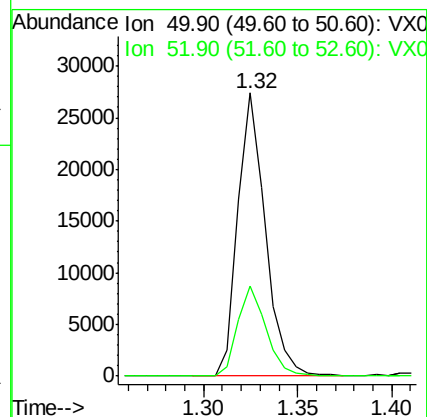
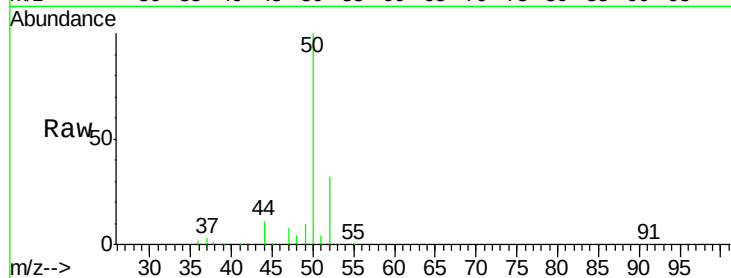
50 100

52 31.7 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.75 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000144.D

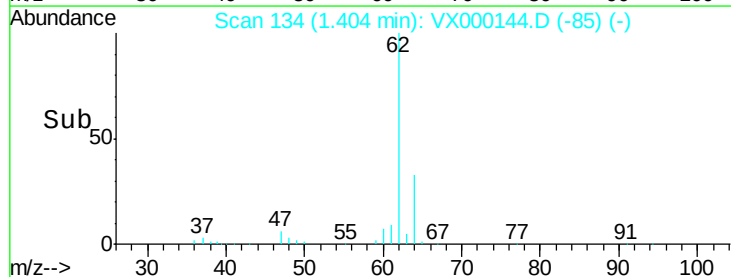
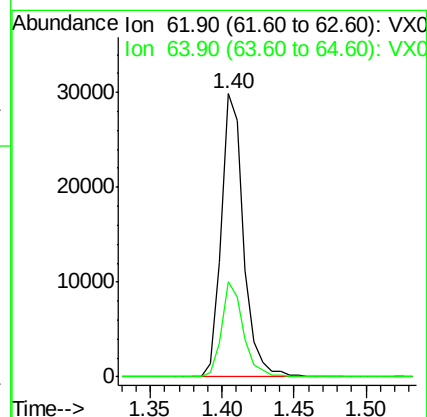
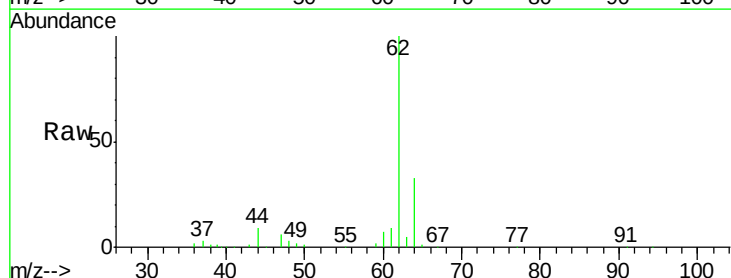
Acq: 27 Feb 2018 15:17

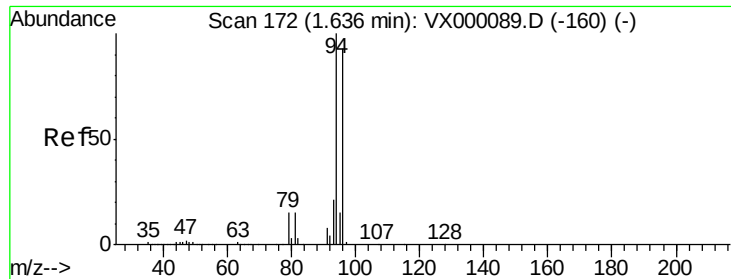
Tgt Ion: 62 Resp: 32397

Ion Ratio Lower Upper

62 100

64 33.5 24.6 37.0





#5

Bromomethane

Concen: 18.41 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

ClientSampled :

VX0227WBS01

Tot Ion: 94 Resp: 28756

Ion Ratio Lower Upper

94 100

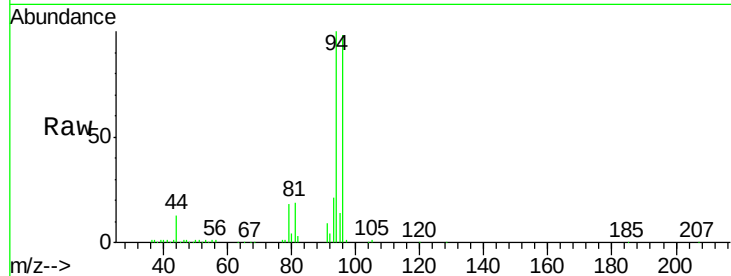
96 97.7 74.6 112.0

Manual Integrations

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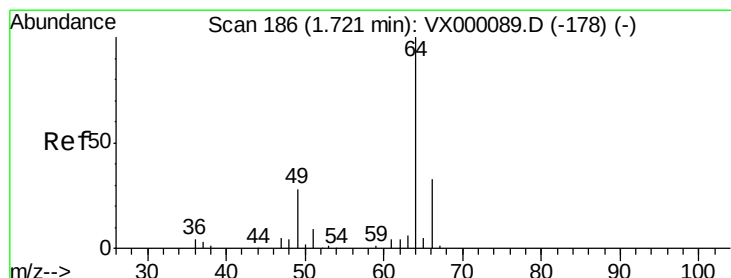
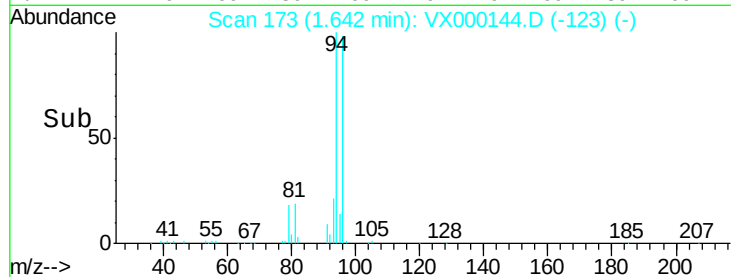
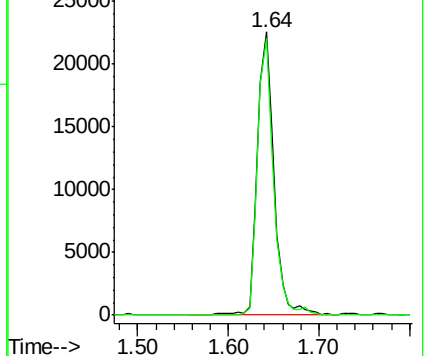
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.67 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000144.D

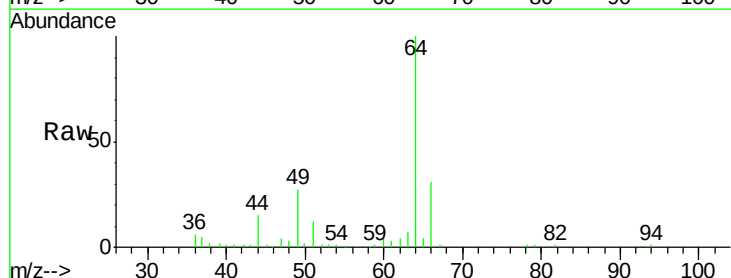
Acq: 27 Feb 2018 15:17

Tgt Ion: 64 Resp: 21649

Ion Ratio Lower Upper

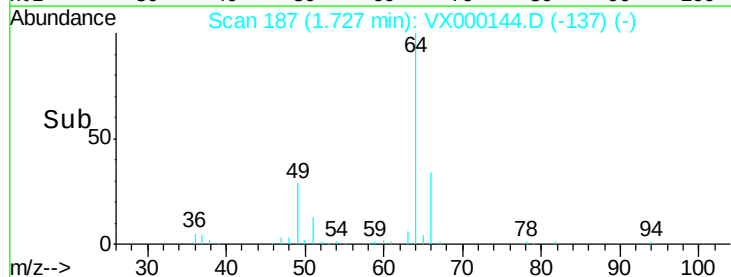
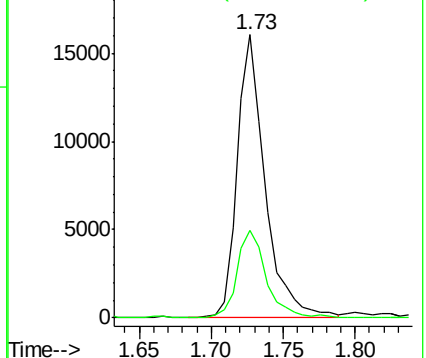
64 100

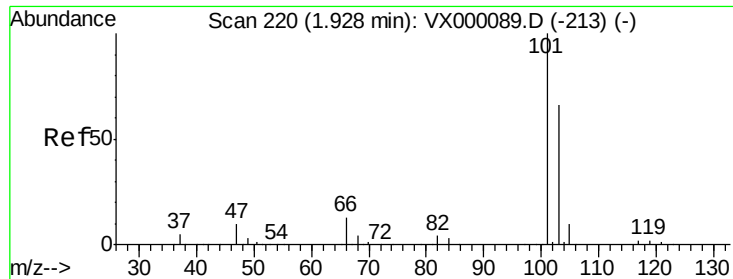
66 31.1 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

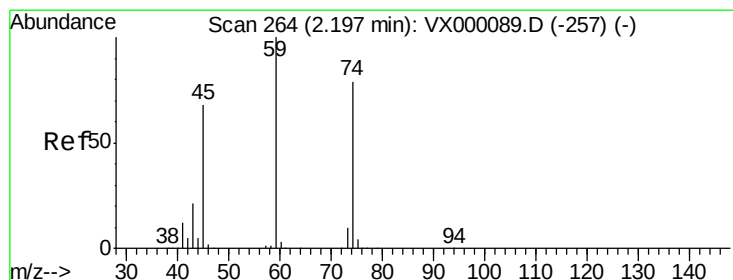
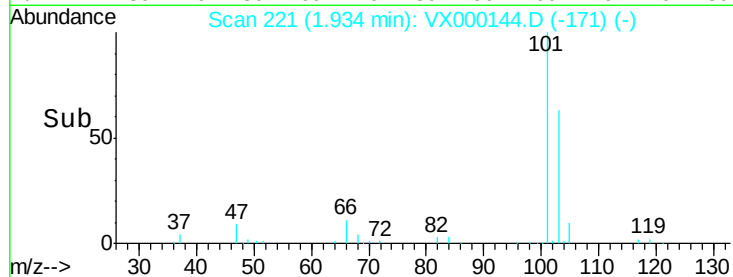
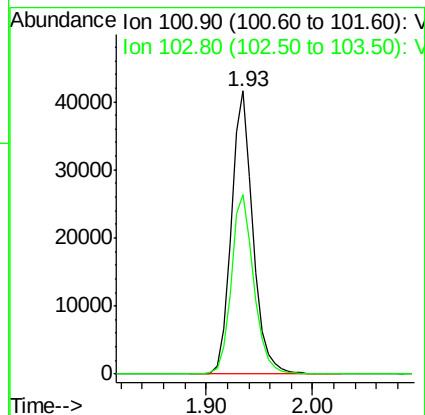
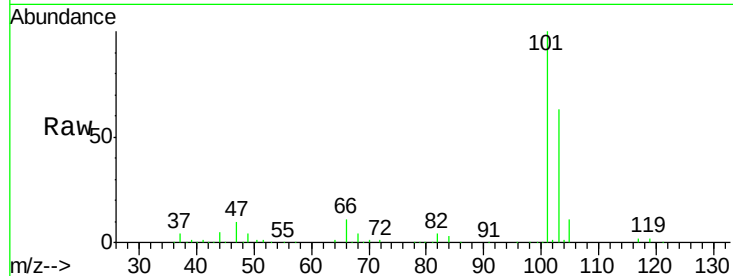
Trichlorofluoromethane
Concen: 18.09 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Instrument :
ClientSampleId :
VX0227WBS01

Tot Ion:101 Resp: 59022
Ion Ratio Lower Upper
101 100
103 63.4 52.7 79.1

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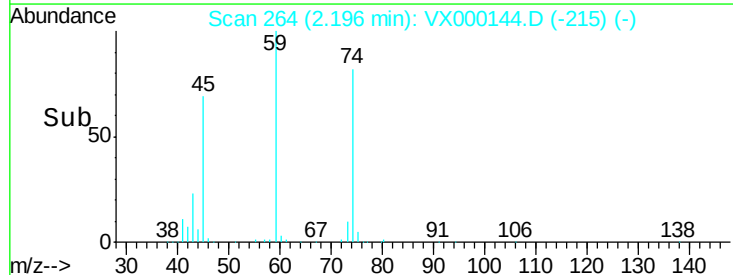
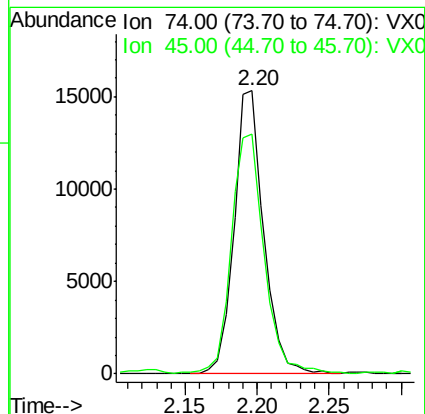
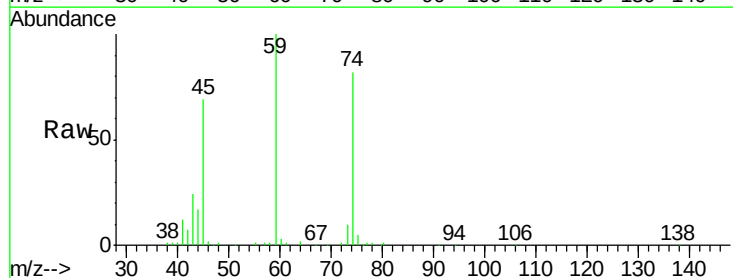
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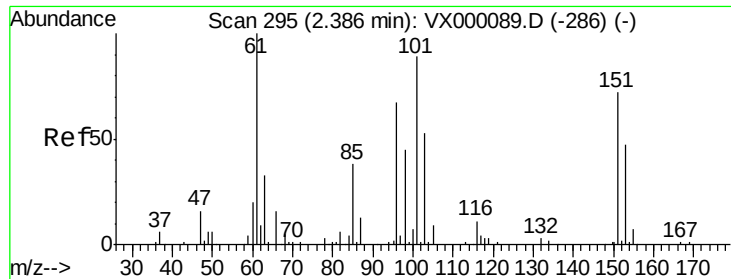


#8

Diethyl Ether
Concen: 19.53 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Tgt Ion: 74 Resp: 21989
Ion Ratio Lower Upper
74 100
45 94.3 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.36 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

ClientSampleId :

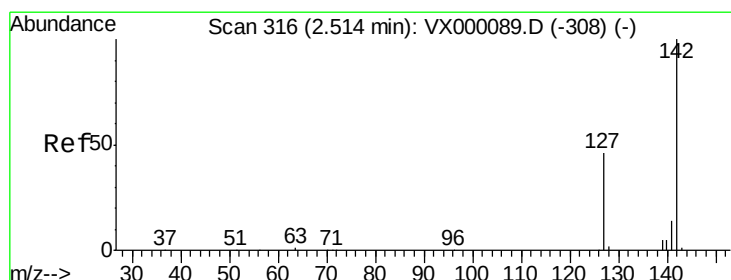
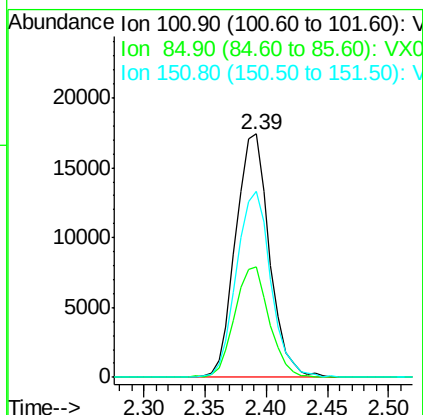
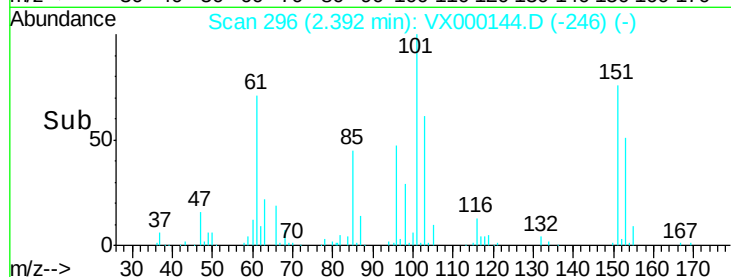
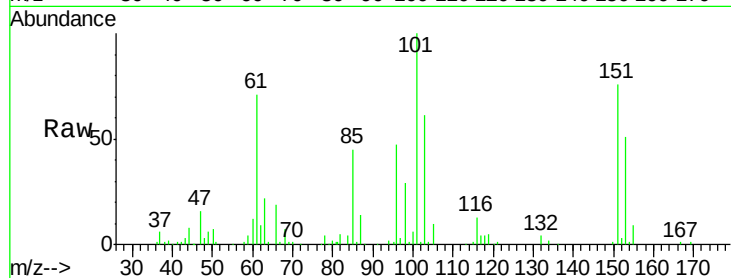
VX0227WBS01

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Tot Ion	Ratio	Lower	Upper
101	100		
85	46.2	36.7	55.1
151	77.9	65.8	98.6



#10

Methyl Iodide

Concen: 16.87 ug/l

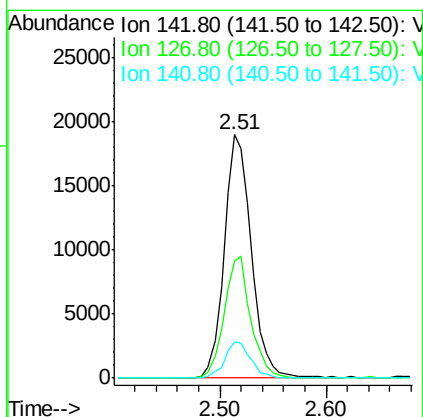
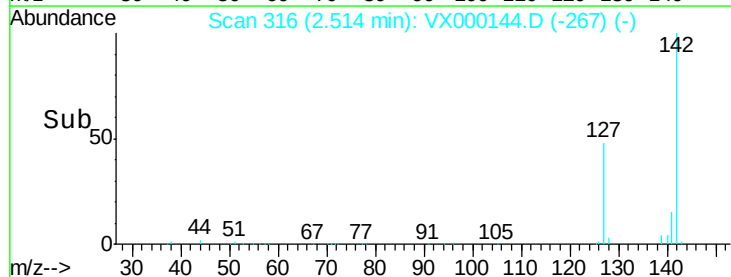
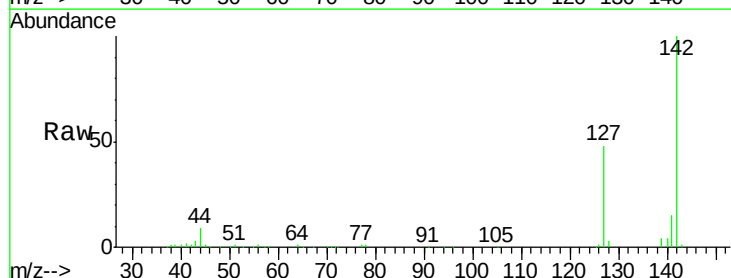
RT: 2.51 min Scan# 316

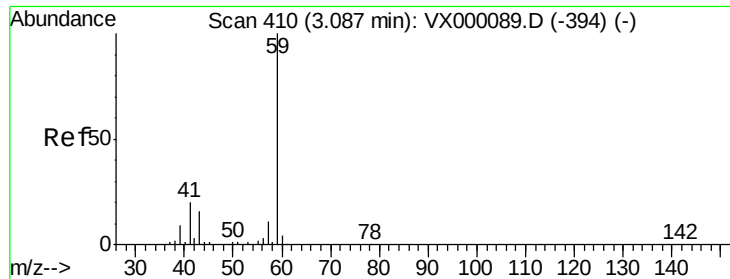
Delta R.T. 0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Tgt Ion	Ratio	Lower	Upper
142	100		
127	48.8	36.8	55.2
141	14.4	11.6	17.4





#11

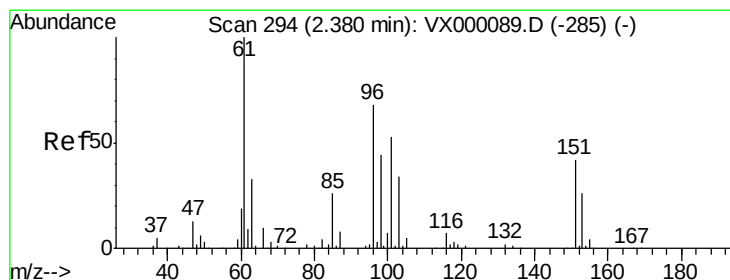
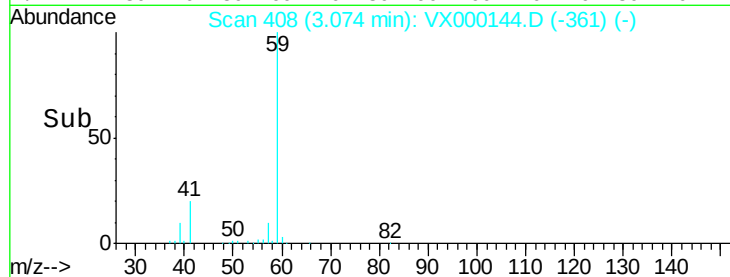
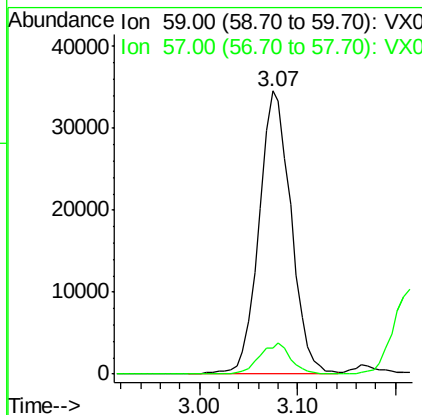
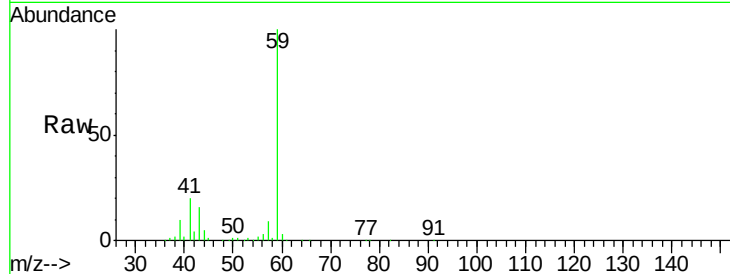
Tert butyl alcohol
Concen: 100.83 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Instrument :
ClientSampled :
VX0227WBS01

Tot Ion	59	Resp	78700
Ion Ratio	100	Lower	Upper
57	10.8	8.3	12.5

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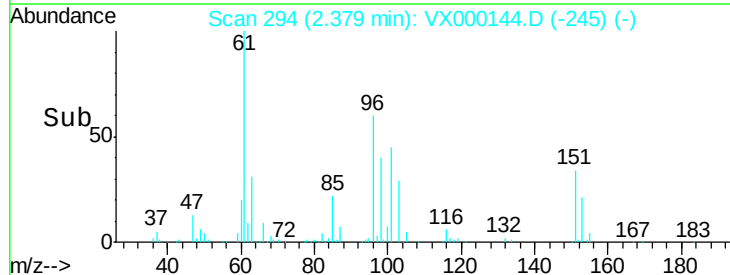
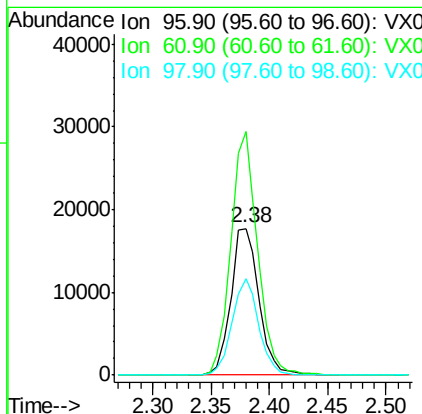
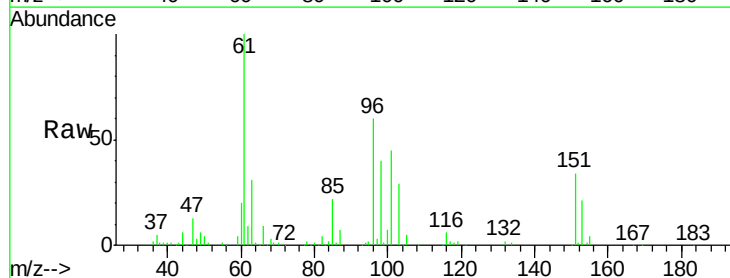
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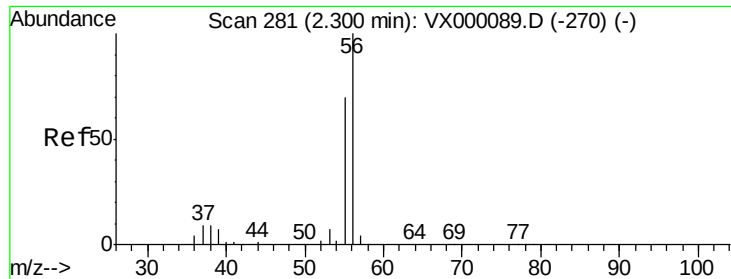


#12

1,1-Dichloroethene
Concen: 17.62 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Tgt Ion	96	Resp	29929
Ion Ratio	100	Lower	Upper
61	165.9	117.7	176.5
98	65.8	51.3	76.9





#13

Acrolein

Concen: 24.71 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

ClientSampled :

VX0227WBS01

Tot Ion: 56 Resp: 9212

Ion Ratio Lower Upper

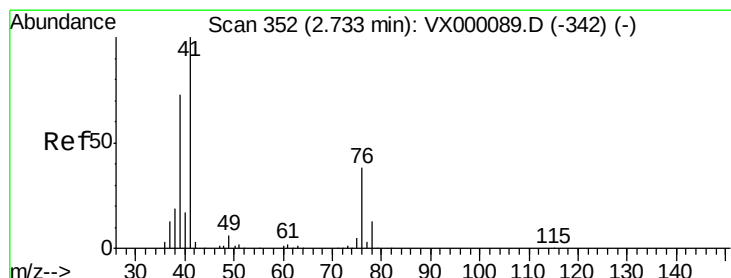
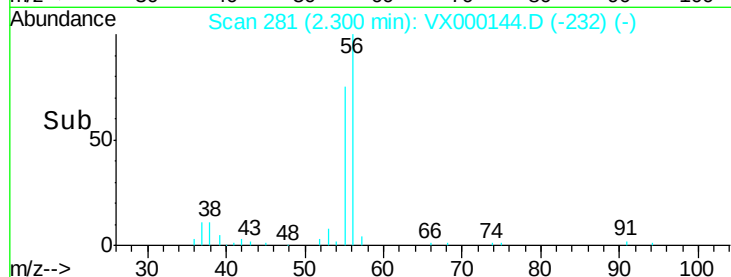
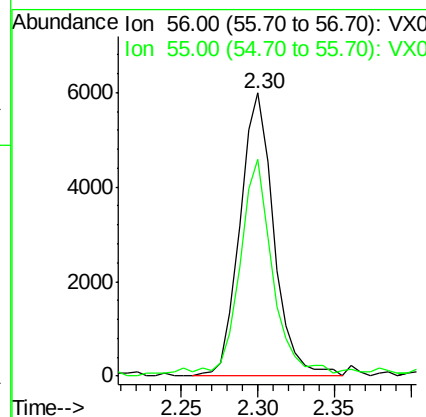
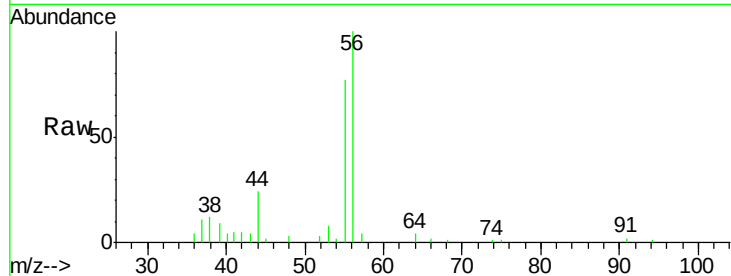
56 100

55 70.0 56.2 84.4

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#14

Allyl chloride

Concen: 19.18 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

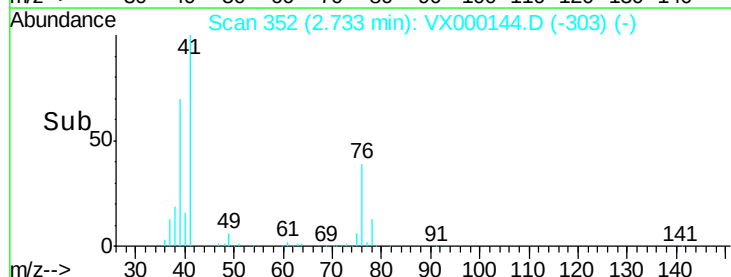
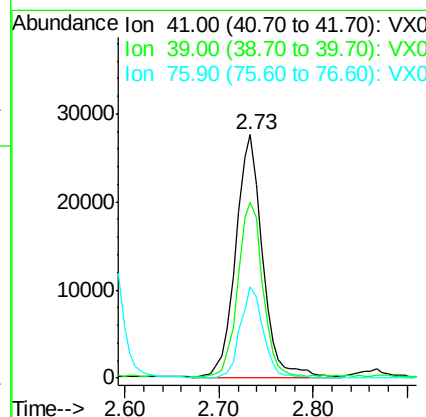
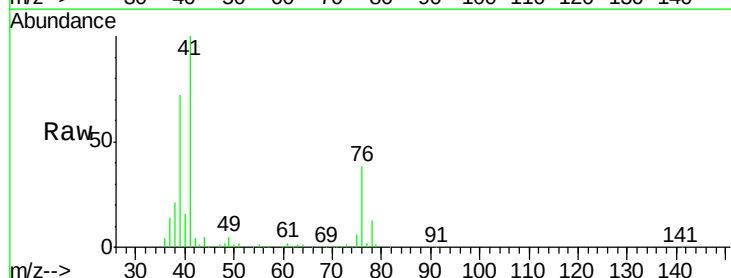
Tgt Ion: 41 Resp: 54546

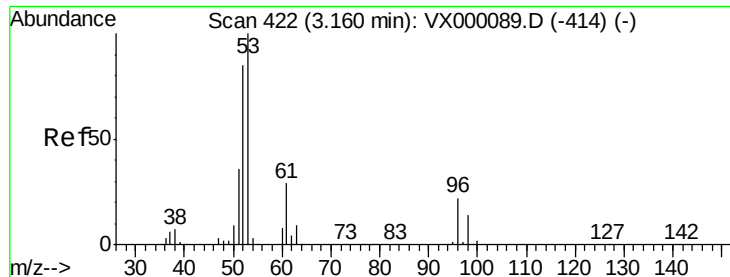
Ion Ratio Lower Upper

41 100

39 67.6 55.1 82.7

76 32.5 28.5 42.7





#15

Acrylonitrile

Concen: 96.59 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

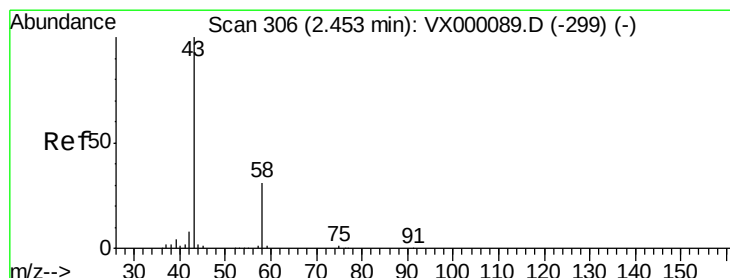
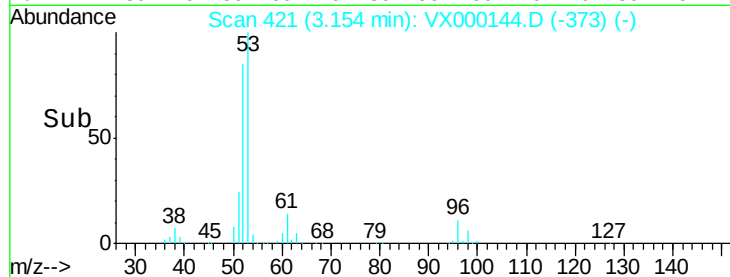
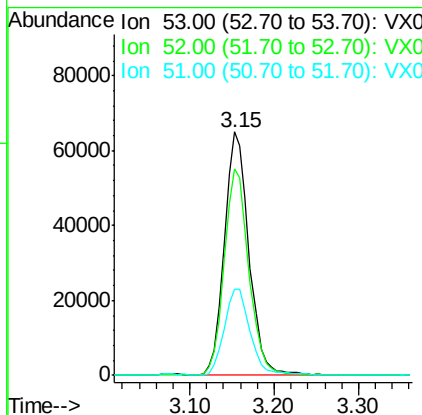
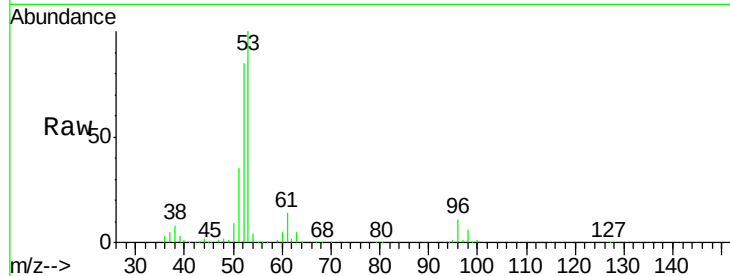
ClientSampled :

VX0227WBS01

Tot Ion:	53	Resp:	128750
Ion Ratio		Lower	Upper
53	100		
52	85.3	66.5	99.7
51	37.5	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 94.79 ug/l

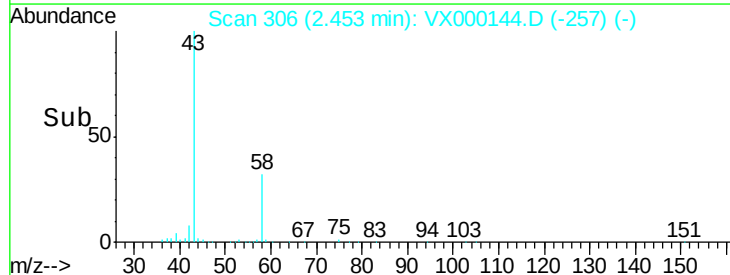
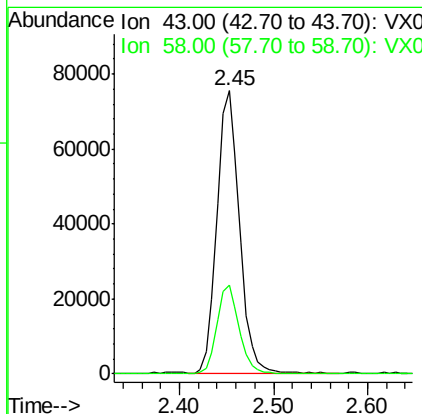
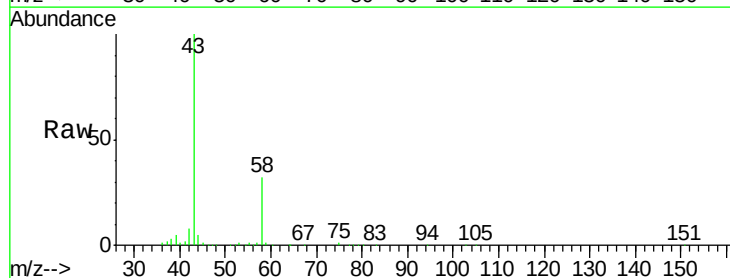
RT: 2.45 min Scan# 306

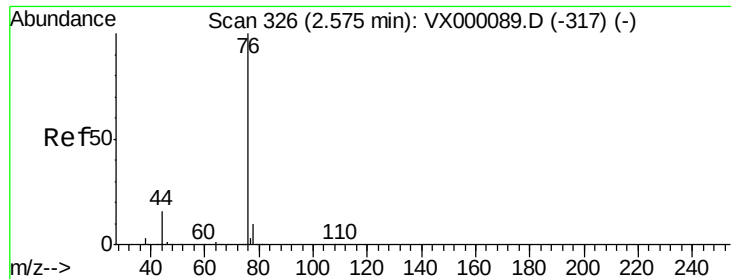
Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Tgt Ion:	43	Resp:	124512
Ion Ratio		Lower	Upper
43	100		
58	31.6	25.0	37.4





#17

Carbon Disulfide

Concen: 14.60 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

ClientSampled :

VX0227WBS01

Tot Ion: 76 Resp: 73017

Ion Ratio Lower Upper

76 100

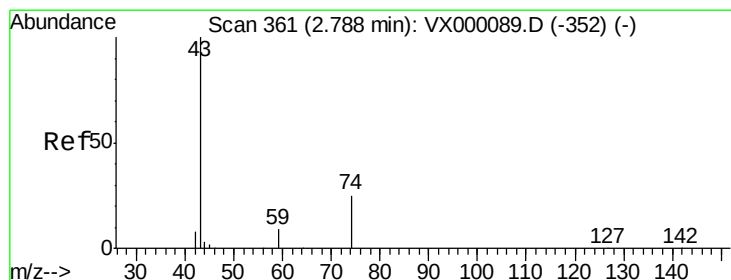
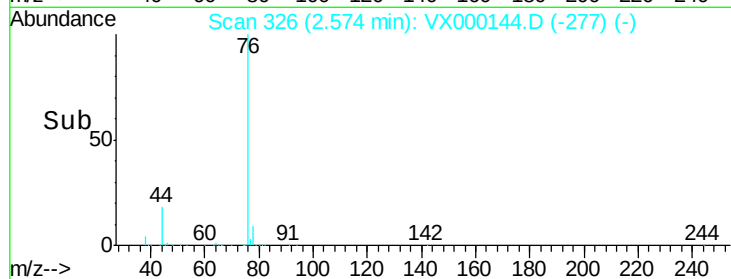
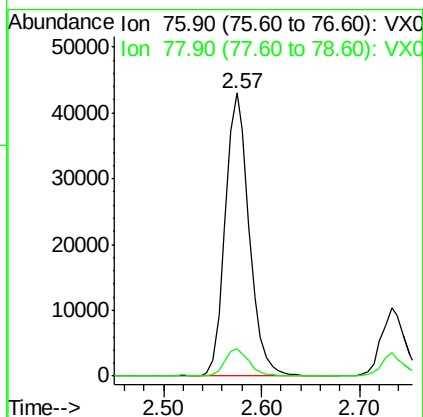
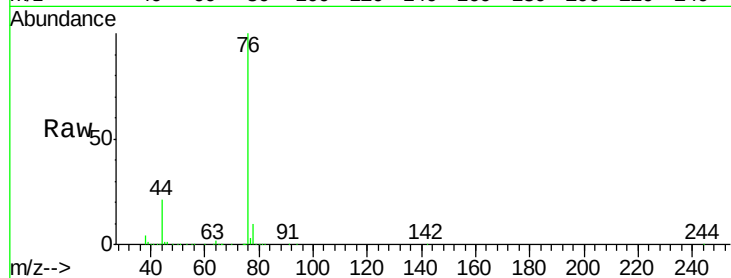
78 9.6 7.8 11.8

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#18

Methyl Acetate

Concen: 22.52 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000144.D

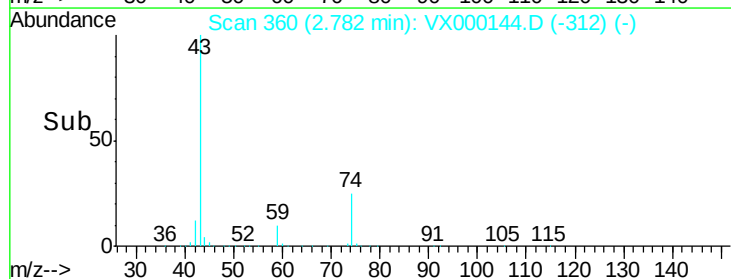
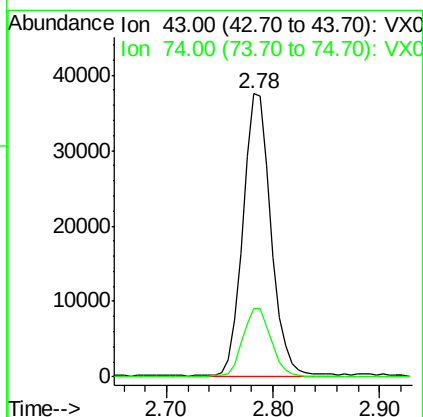
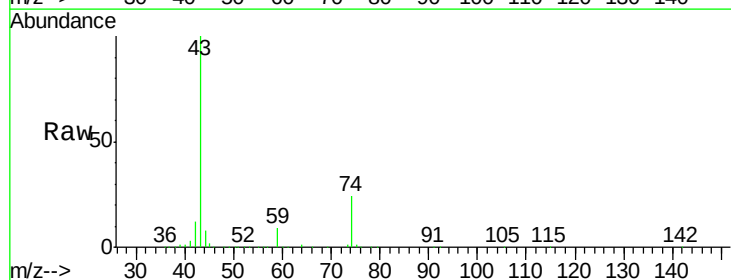
Acq: 27 Feb 2018 15:17

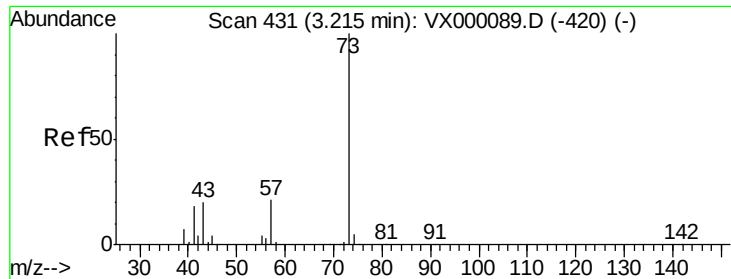
Tgt Ion: 43 Resp: 69354

Ion Ratio Lower Upper

43 100

74 24.8 20.2 30.4





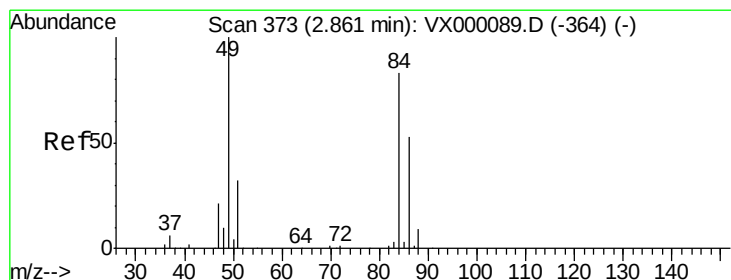
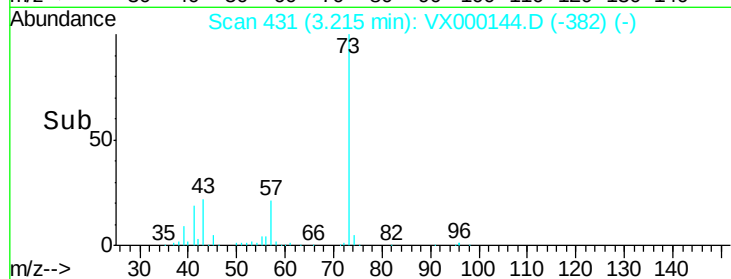
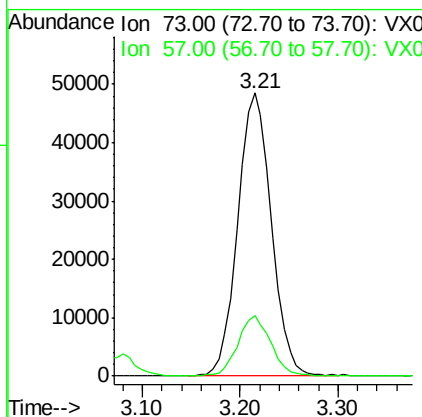
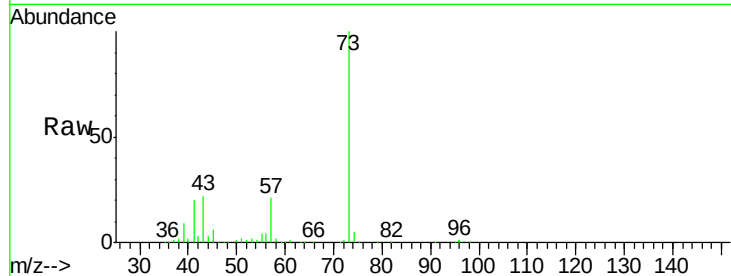
#19
Methyl tert-butyl Ether
Concen: 19.80 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Instrument :
ClientSampled :
VX0227WBS01

Tot Ion: 73 Resp: 115444
Ion Ratio Lower Upper
73 100
57 21.3 16.4 24.6

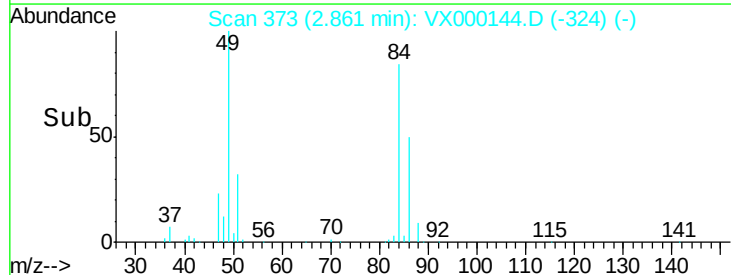
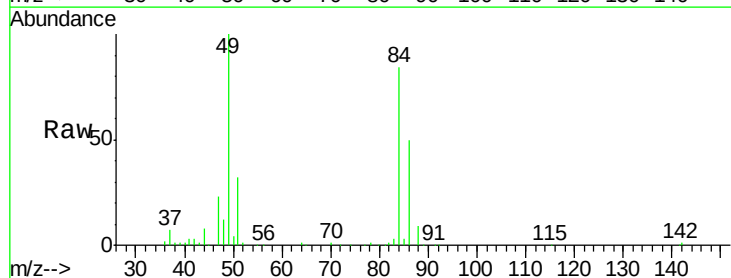
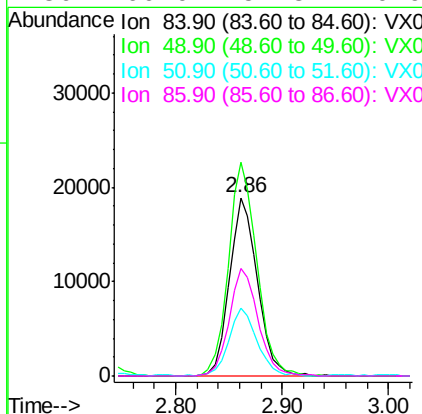
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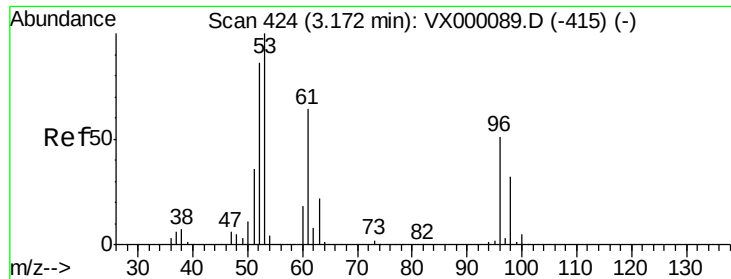
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#20
Methylene Chloride
Concen: 19.83 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Tgt Ion: 84 Resp: 34855
Ion Ratio Lower Upper
84 100
49 119.7 96.1 144.1
51 37.2 30.5 45.7
86 60.0 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.69 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

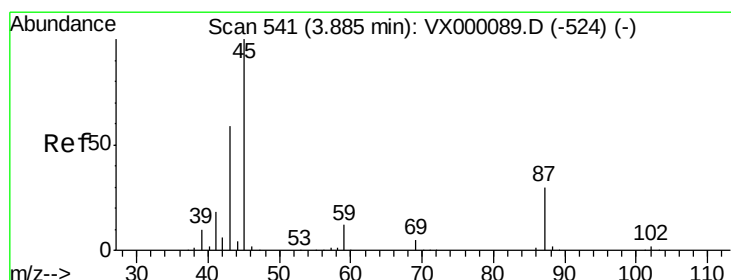
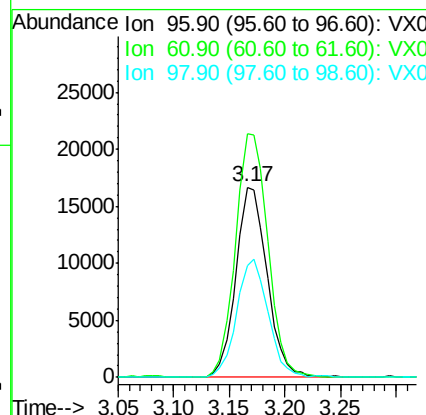
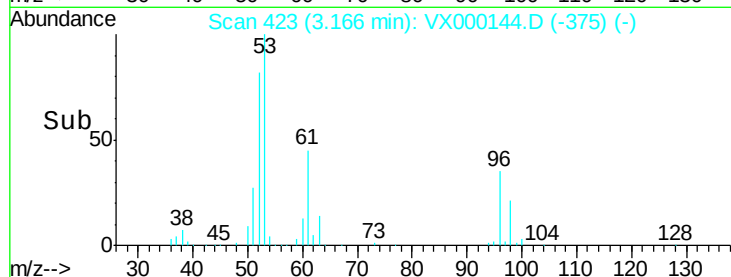
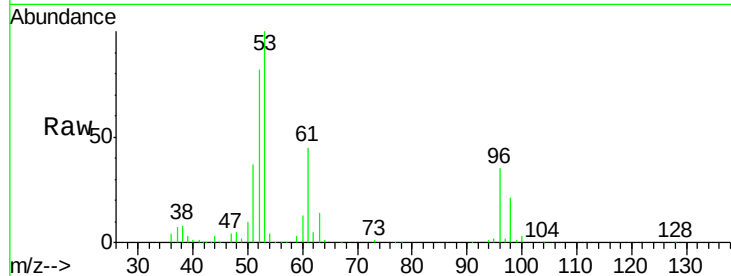
ClientSampled :

VX0227WBS01

Tot Ion:	96	Resp:	32577
Ion	Ratio	Lower	Upper
96	100		
61	128.0	100.3	150.5
98	58.8	50.6	75.8

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#22

Diisopropyl ether

Concen: 17.64 ug/l

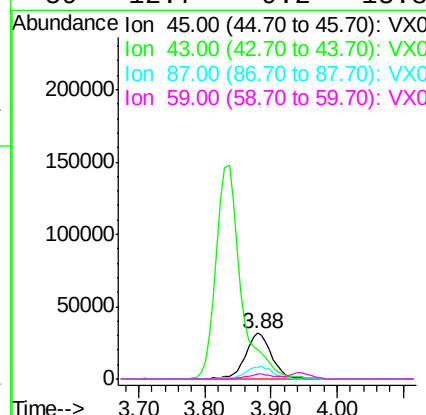
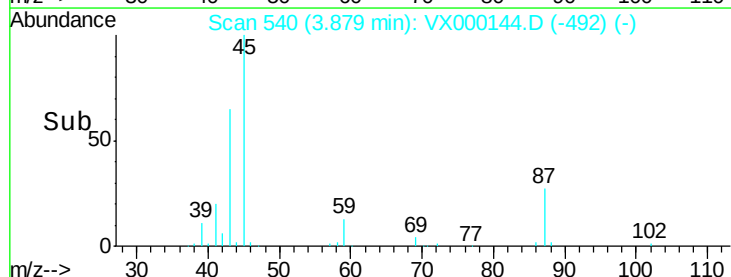
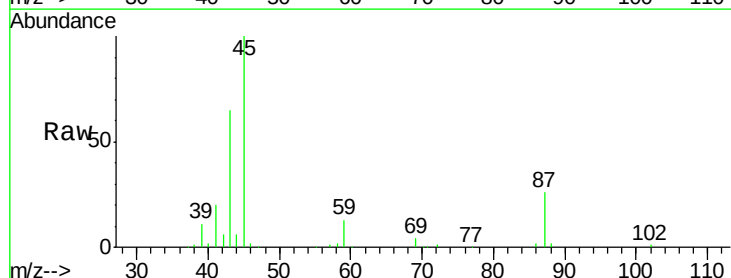
RT: 3.88 min Scan# 540

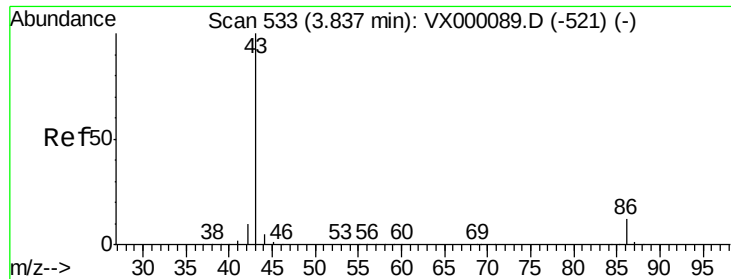
Delta R.T. -0.01 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Tgt Ion:	45	Resp:	87644
Ion	Ratio	Lower	Upper
45	100		
43	64.4	47.4	71.2
87	26.4	24.2	36.2
59	12.7	9.2	13.8





#23

Vinyl Acetate

Concen: 83.96 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

ClientSampled :

VX0227WBS01

Tot Ion: 43 Resp: 387641

Ion Ratio Lower Upper

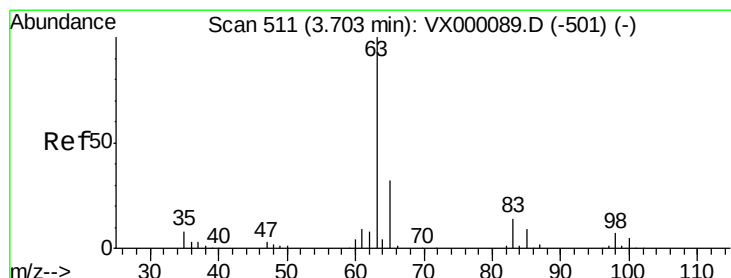
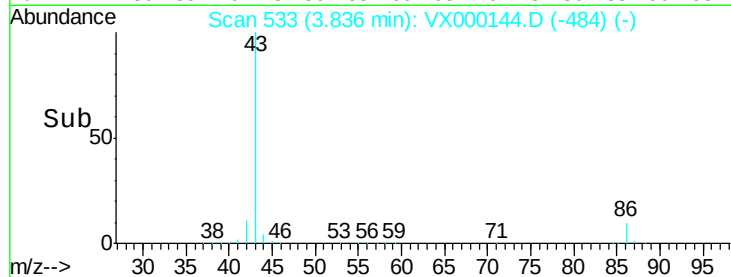
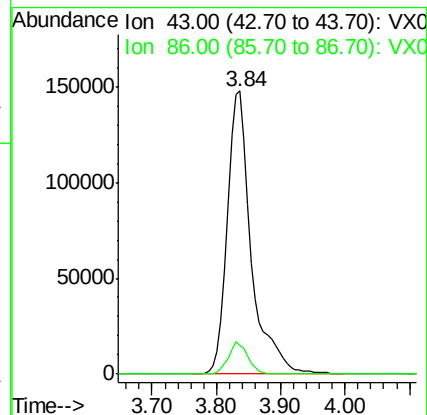
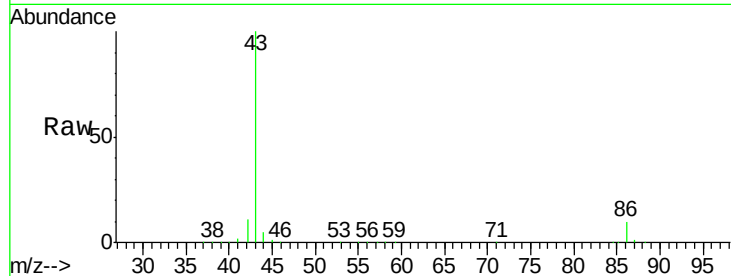
43 100

86 10.3 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 20.29 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

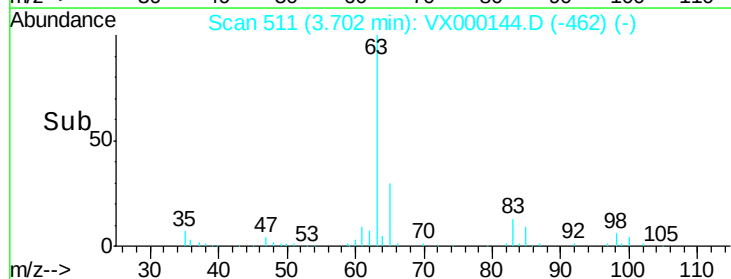
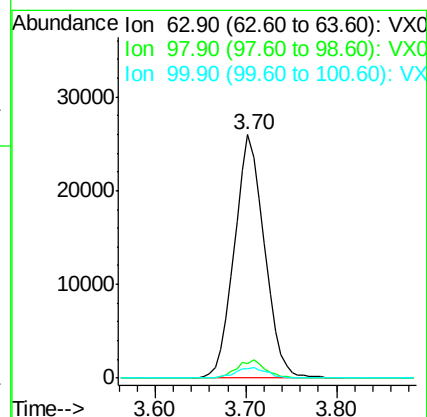
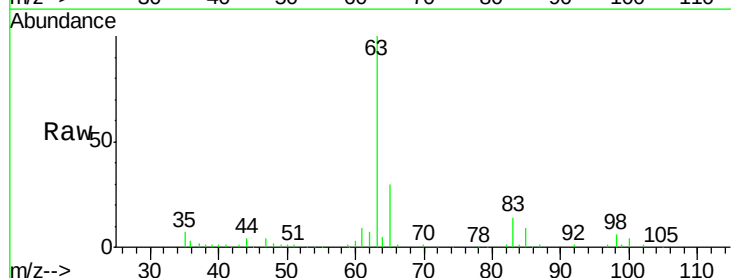
Tgt Ion: 63 Resp: 59710

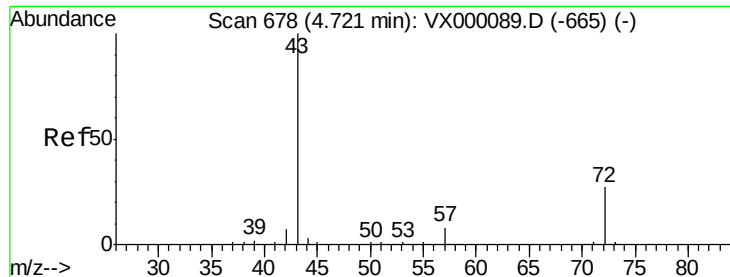
Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.5

100 3.8 2.4 7.1





#25

2-Butanone

Concen: 94.37 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

ClientSampled :

VX0227WBS01

Tot Ion: 43 Resp: 173058

Ion Ratio Lower Upper

43 100

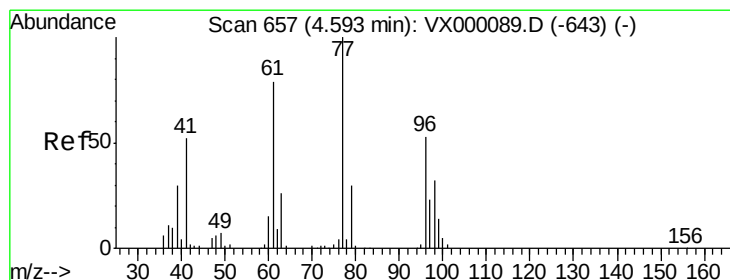
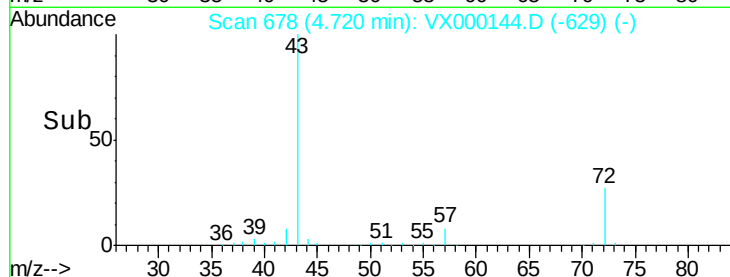
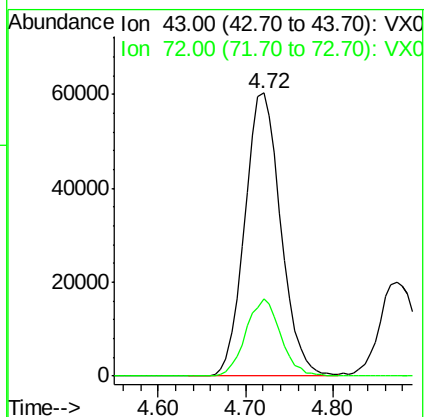
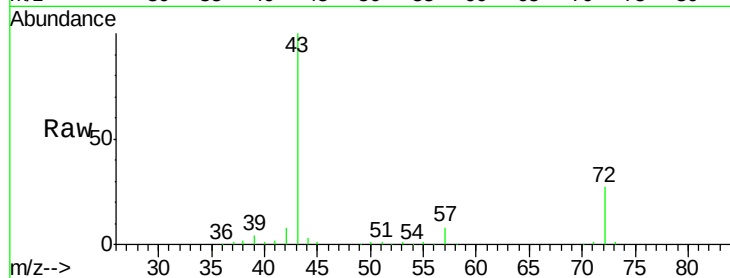
72 27.2 21.3 31.9

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#26

2,2-Dichloropropane

Concen: 13.90 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000144.D

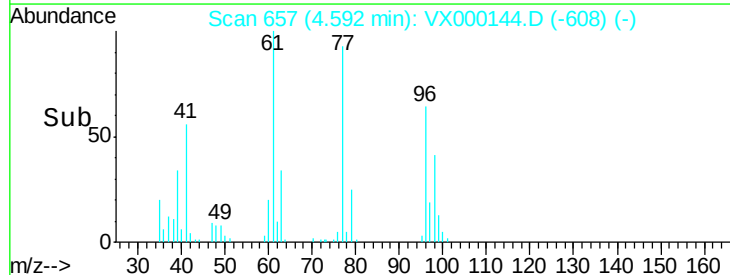
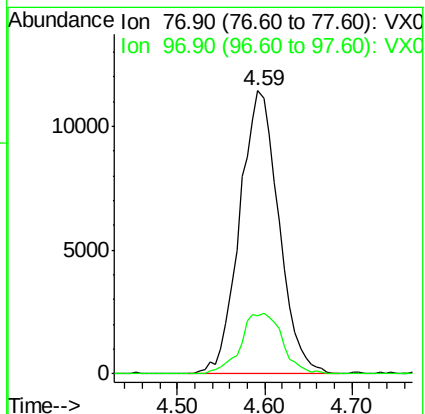
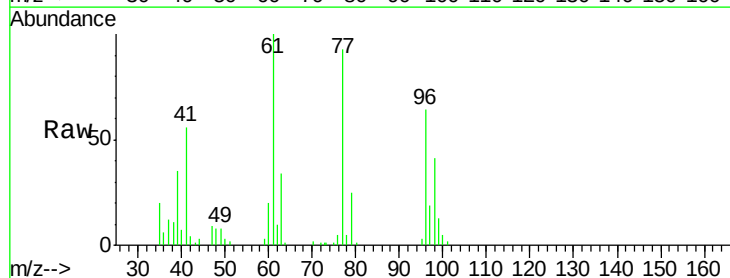
Acq: 27 Feb 2018 15:17

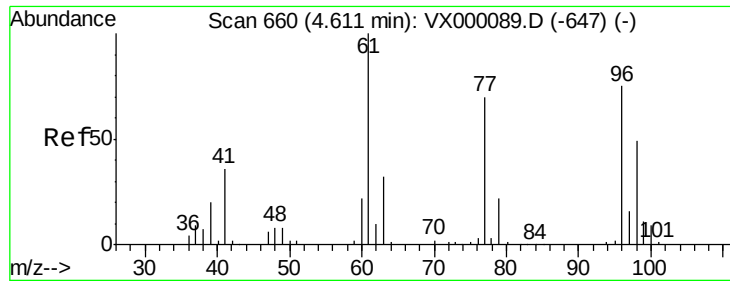
Tgt Ion: 77 Resp: 35563

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.2





#27

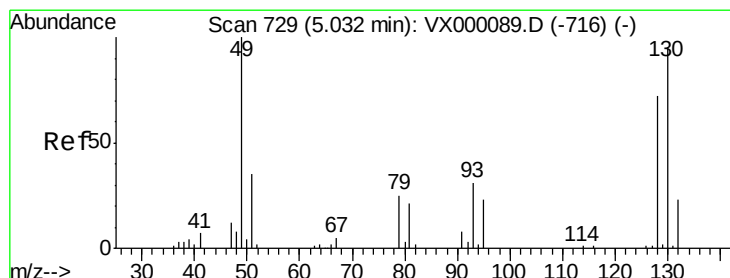
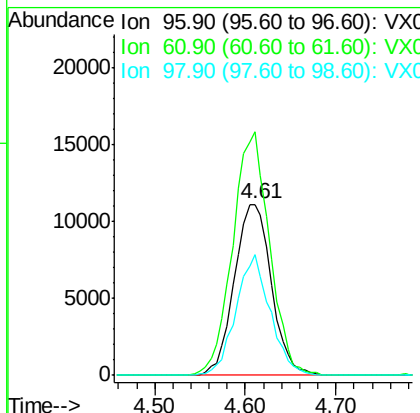
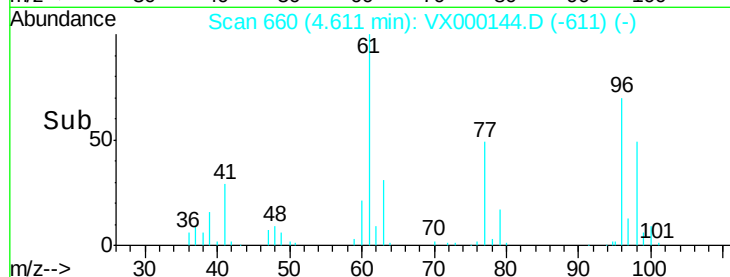
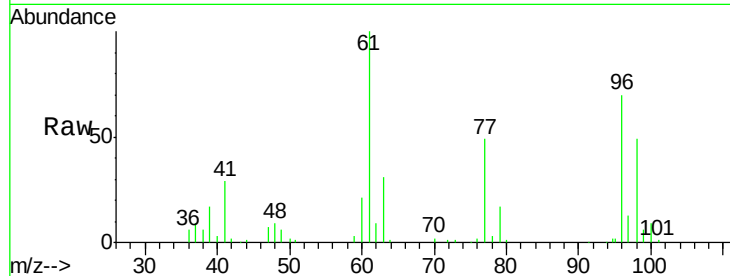
cis-1,2-Dichloroethene
Concen: 18.00 ug/l
RT: 4.61 min Scan# 660
Delta R.T. -0.00 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Instrument :
ClientSampled :
VX0227WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	285.6
98	64.9	0.0	131.8

Manual Integrations
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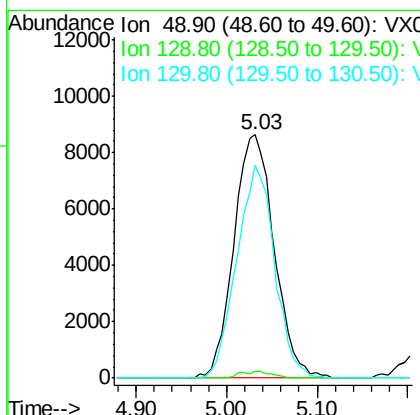
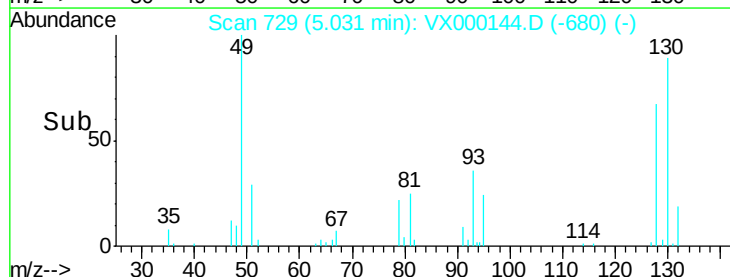
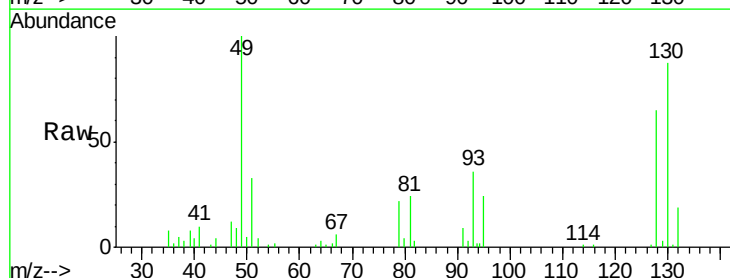
apatel
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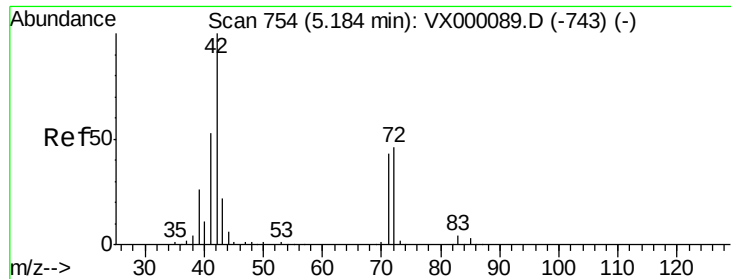


#28

Bromochloromethane
Concen: 20.14 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	82.2	71.9	107.9





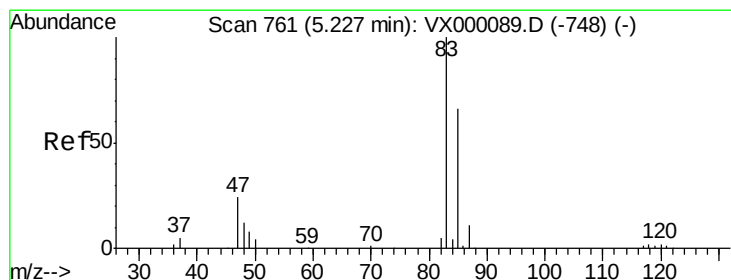
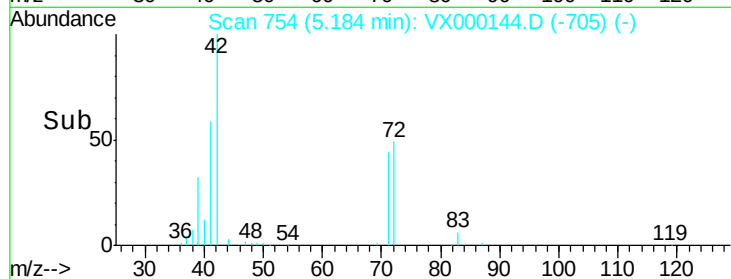
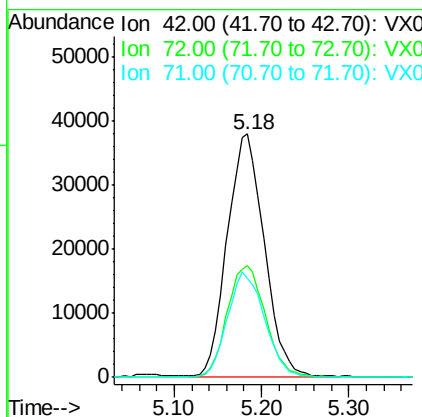
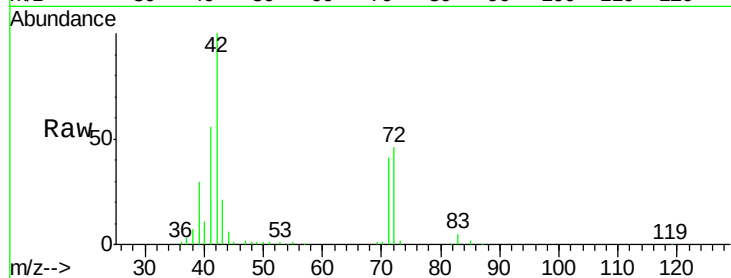
#29
Tetrahydrofuran
Concen: 93.20 ug/l
RT: 5.18 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Instrument :
ClientSampled :
VX0227WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.5	38.6	58.0
71	43.9	36.2	54.4

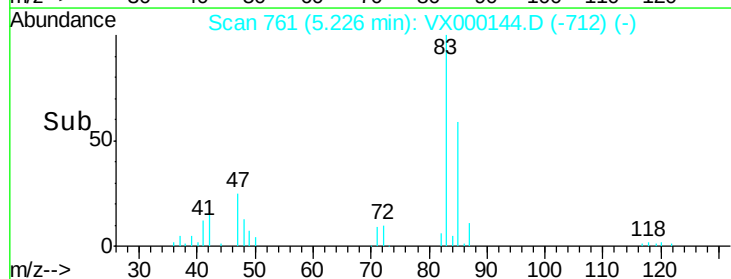
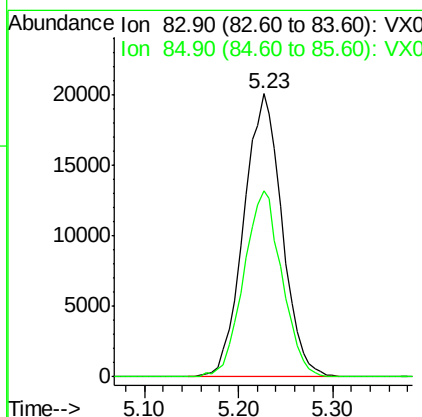
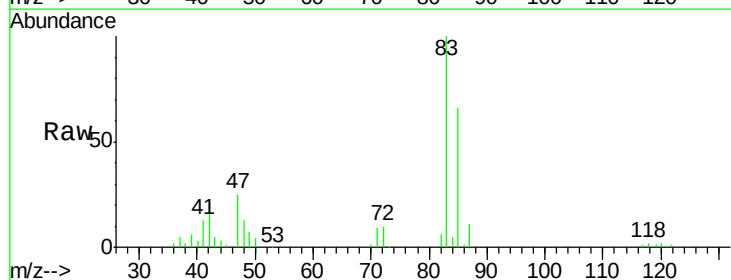
Manual Integrations
APPROVED

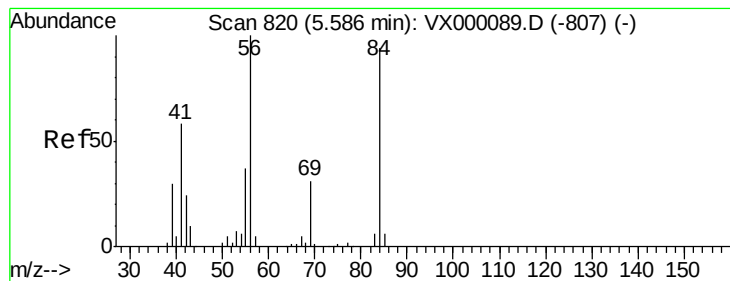
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#30
Chloroform
Concen: 18.46 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.7	79.1





#31

Cyclohexane

Concen: 16.65 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

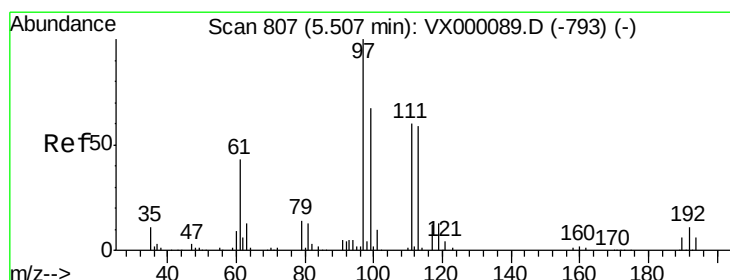
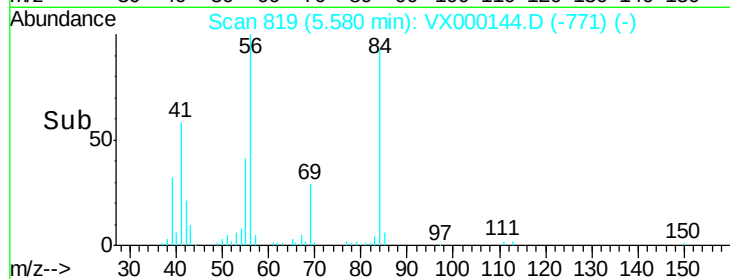
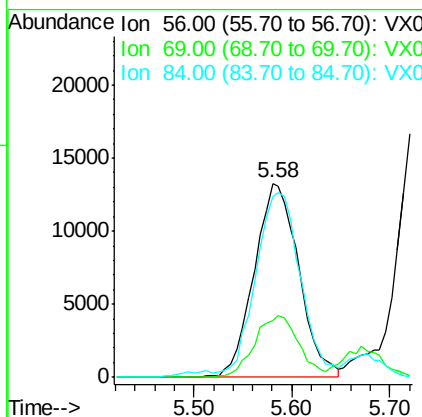
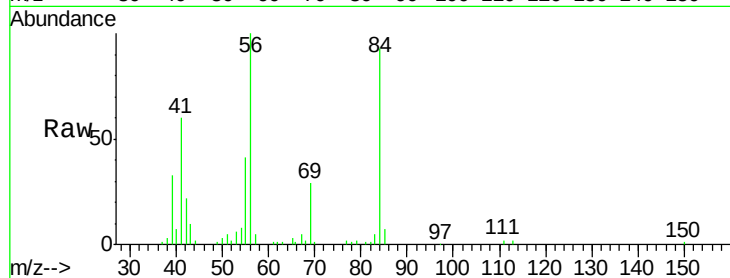
ClientSampleId :

VX0227WBS01

Tot Ion:	56	Resp:	42134
Ion Ratio	Lower	Upper	
56	100		
69	29.3	24.9	37.3
84	90.5	75.0	112.4

Manual Integrations
APPROVED

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#32

1,1,1-Trichloroethane

Concen: 18.36 ug/l

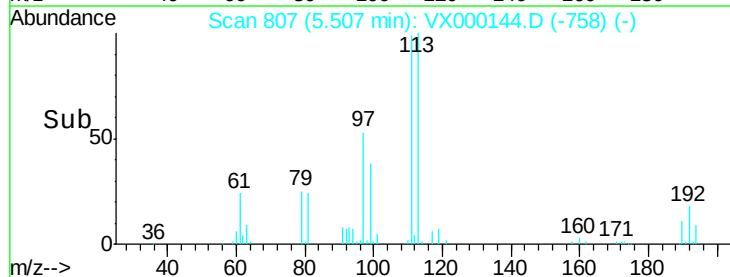
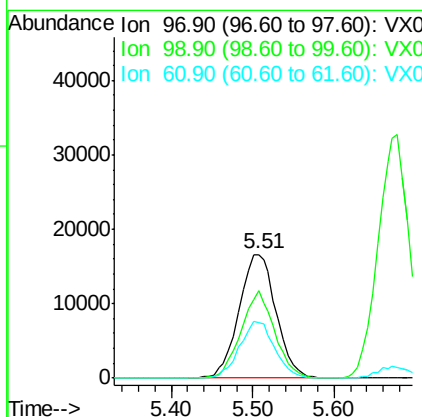
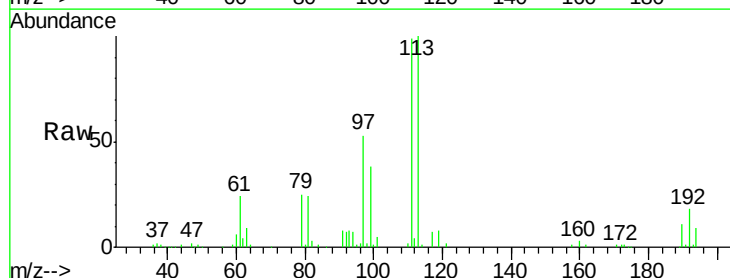
RT: 5.51 min Scan# 807

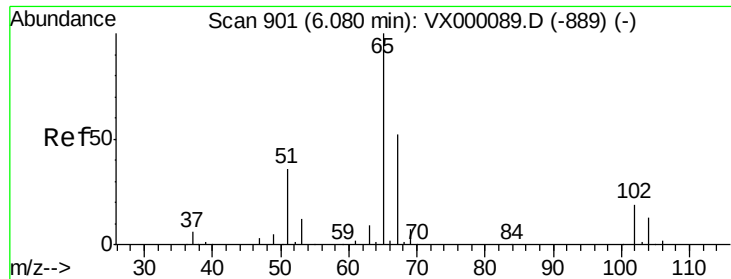
Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Tgt Ion:	97	Resp:	52330
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.1	76.7
61	43.3	33.4	50.0





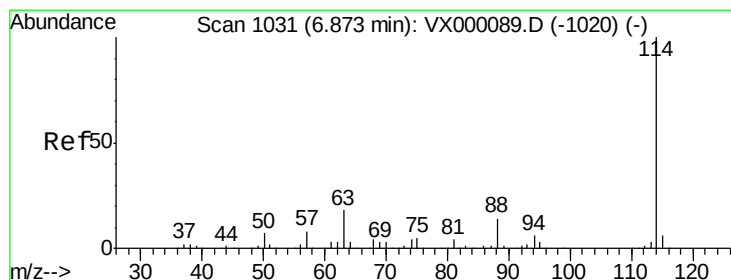
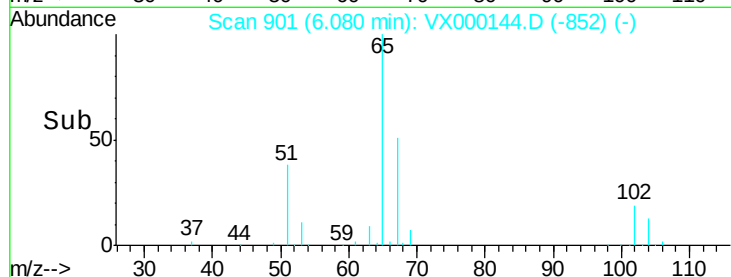
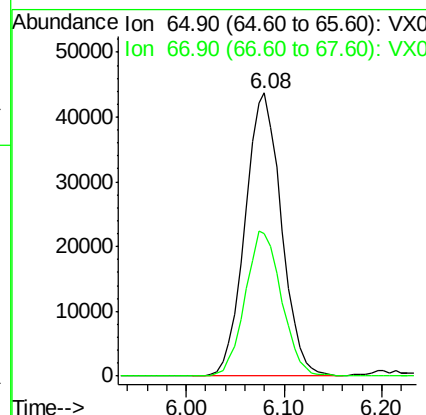
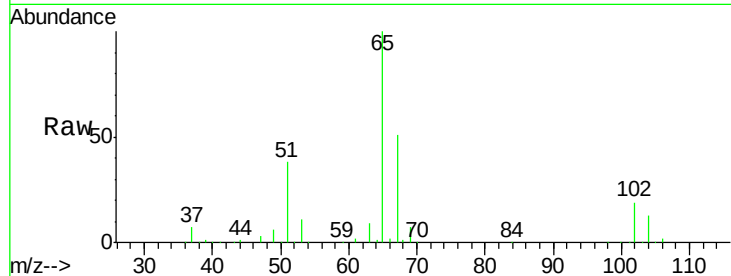
#33
 1,2-Dichloroethane-d4
 Concen: 55.45 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000144.D
 Acq: 27 Feb 2018 15:17

Instrument :
 ClientSampleId :
 VX0227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	112299		
67	51.3	0.0	104.8	

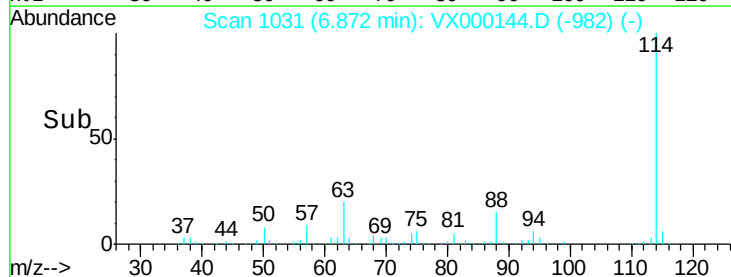
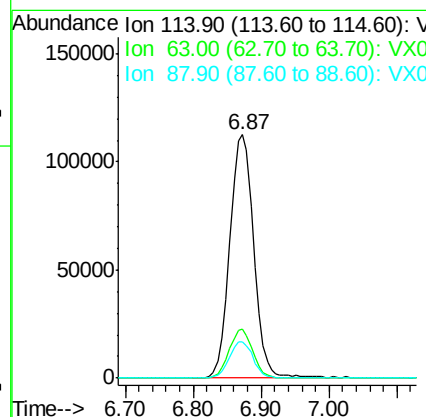
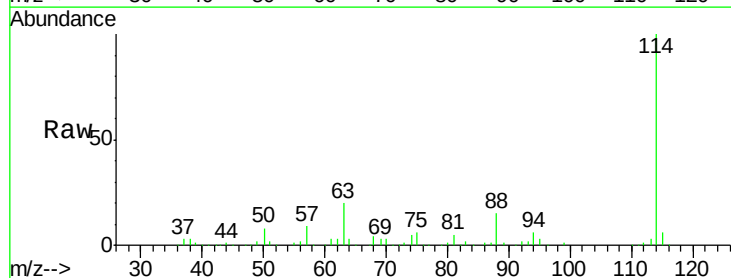
Manual Integrations
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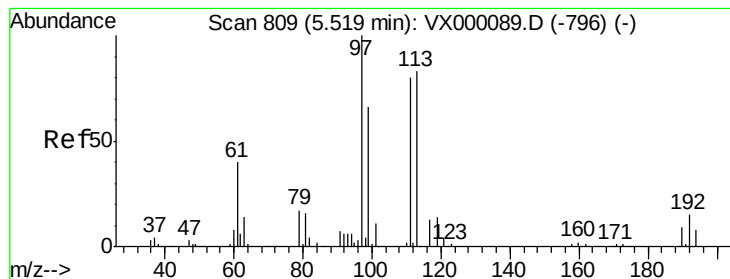
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000144.D
 Acq: 27 Feb 2018 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	274675		
63	20.1	0.0	36.4	
88	15.1	0.0	29.0	





#35

Dibromofluoromethane

Concen: 51.66 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

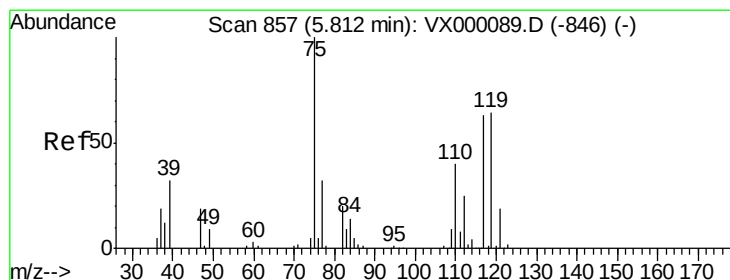
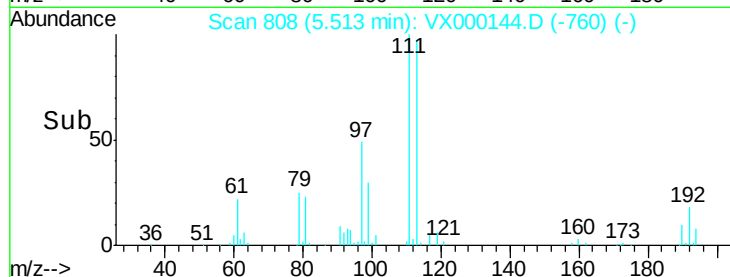
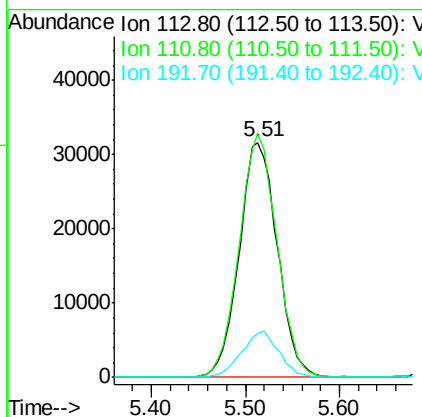
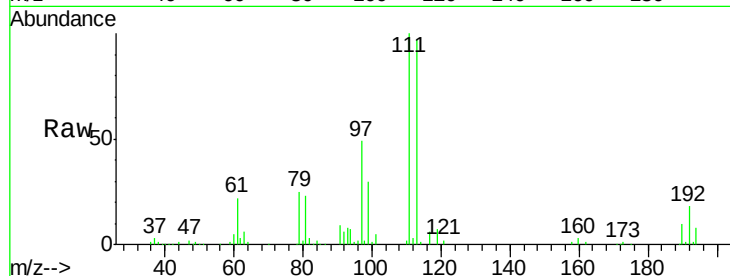
ClientSampleId :

VX0227WBS01

Tot Ion:	113	Resp:	89550
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.0	121.6
192	19.2	15.7	23.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 16.48 ug/l

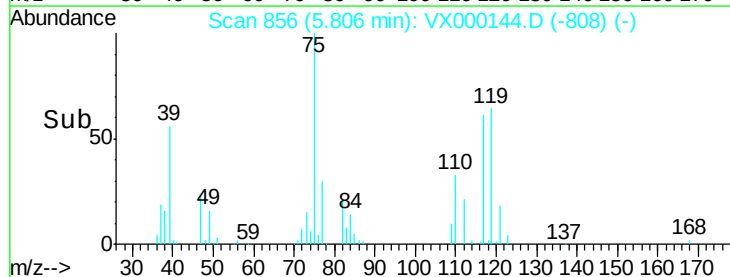
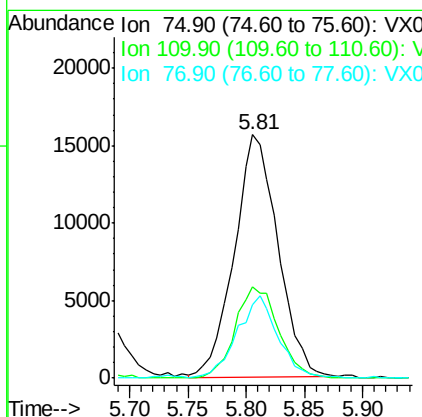
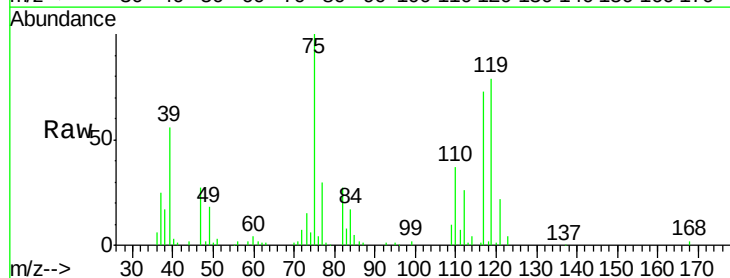
RT: 5.81 min Scan# 856

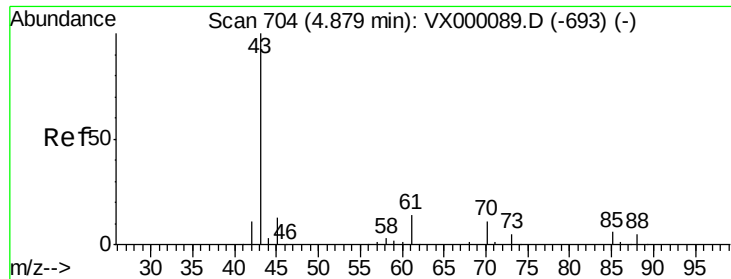
Delta R.T. -0.01 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Tgt Ion:	75	Resp:	40628
Ion Ratio	Lower	Upper	
75	100		
110	37.3	19.5	58.5
77	32.0	24.7	37.1





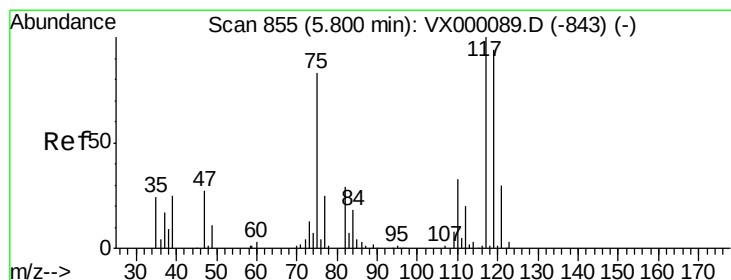
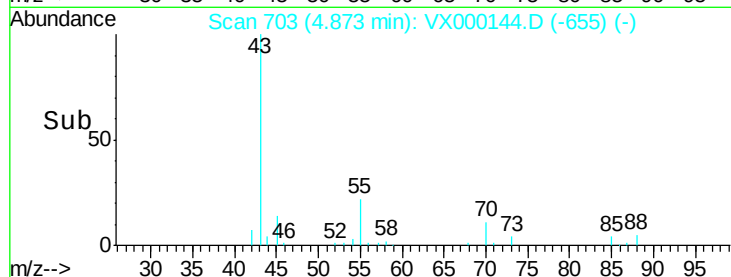
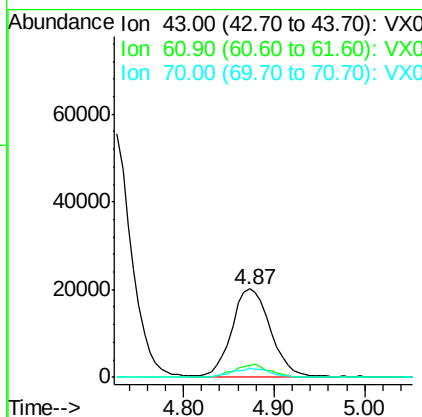
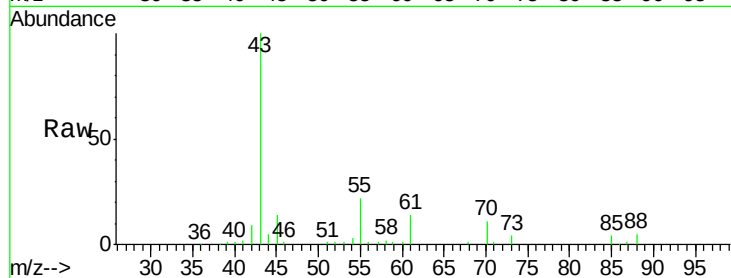
#37
Ethyl Acetate
Concen: 17.55 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Instrument :
ClientSampled :
VX0227WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.5	17.3
70	10.2	9.0	13.4

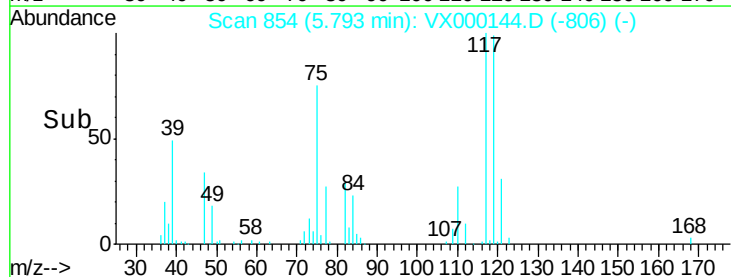
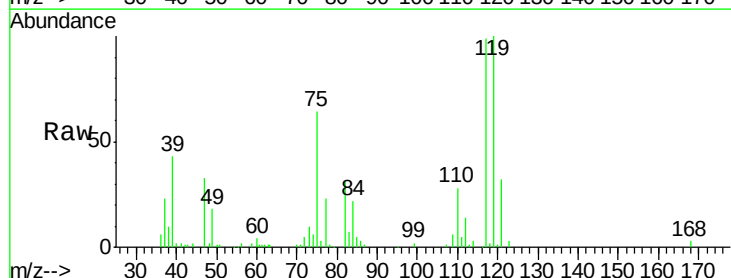
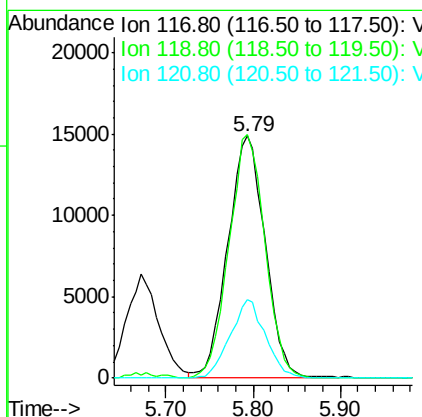
Manual Integrations
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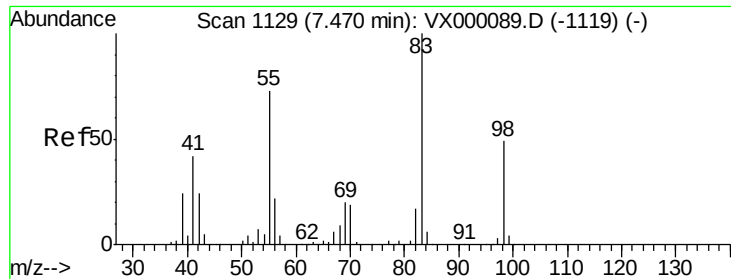
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#38
Carbon Tetrachloride
Concen: 16.60 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.01 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.7	75.3	112.9
121	32.6	23.7	35.5





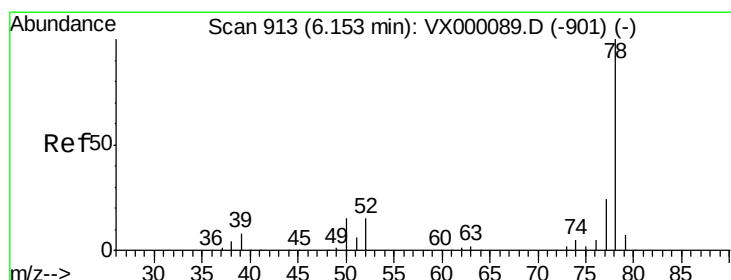
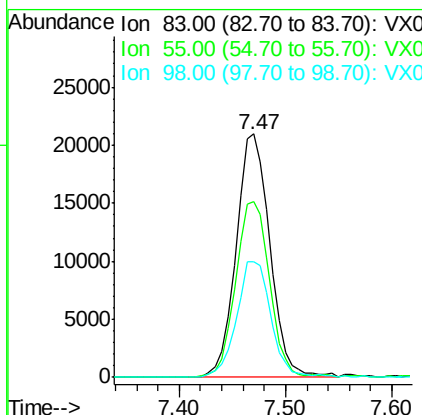
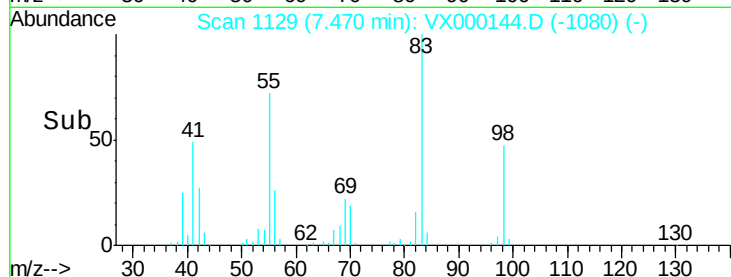
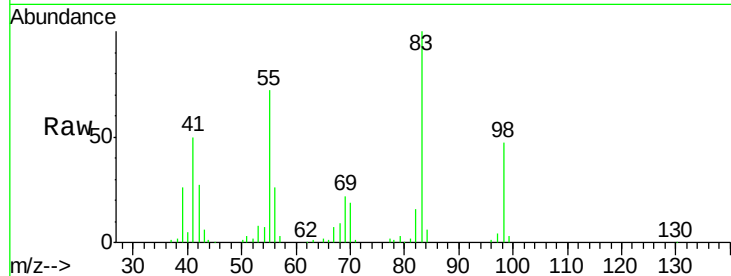
#39
Methylvlcyclohexane
Concen: 15.77 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Instrument :
ClientSampled :
VX0227WBS01

Tot Ion	83	Resp	46788
Ion	Ratio	Lower	Upper
83	100		
55	72.2	58.2	87.2
98	47.2	39.0	58.6

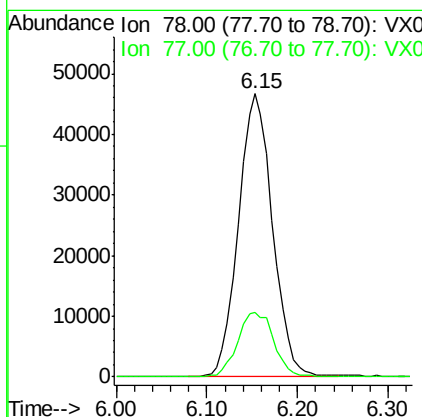
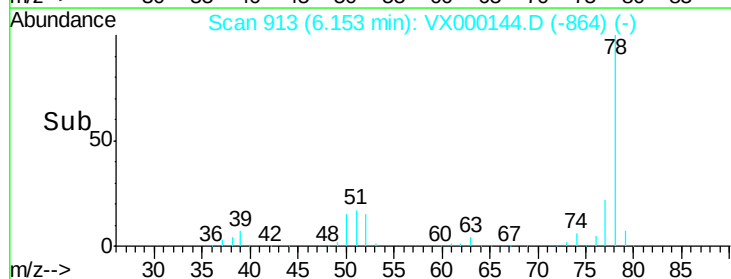
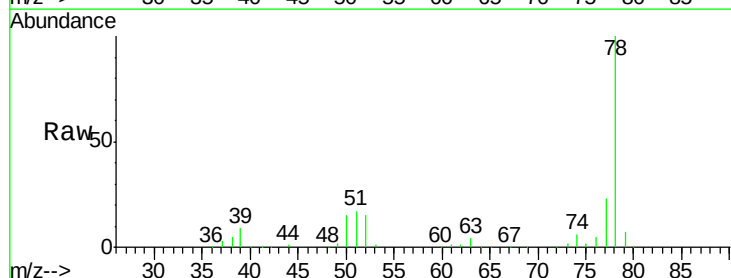
Manual Integrations
APPROVED

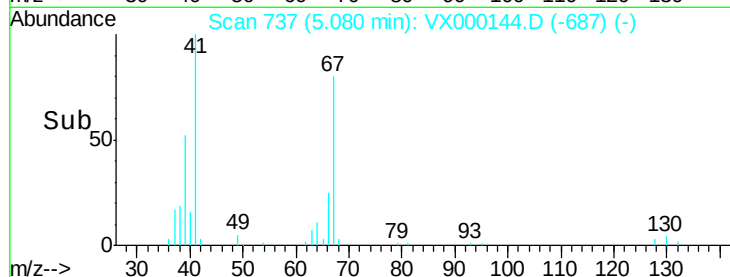
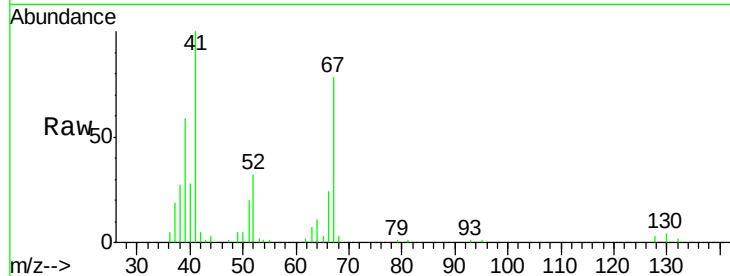
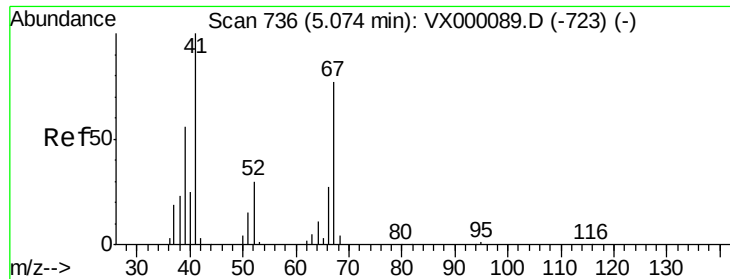
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#40
Benzene
Concen: 17.24 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

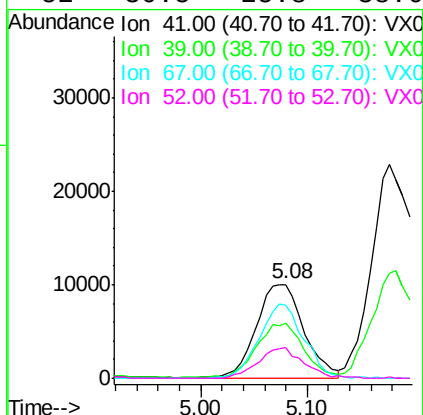
Tgt Ion	78	Resp	121399
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.4	29.0





#41
Methacrylonitrile
Concen: 19.07 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

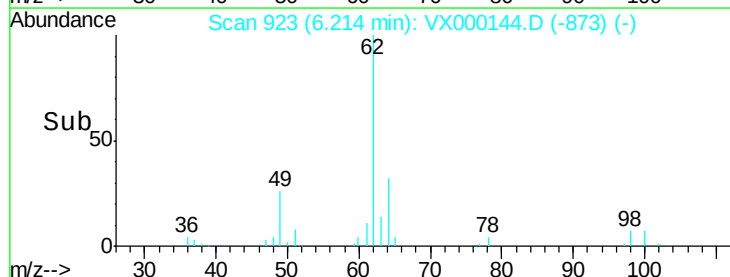
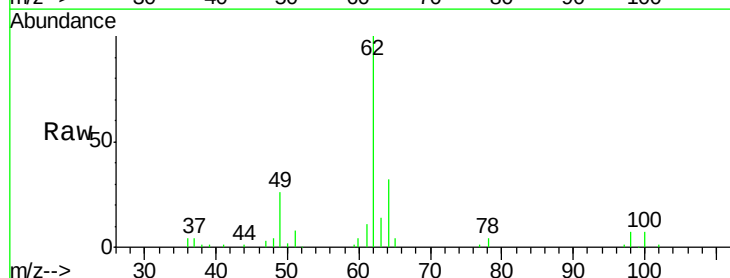
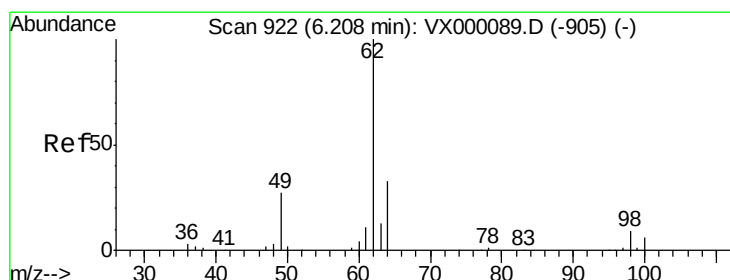
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		31524		
39	56.1	45.1	67.7		
67	73.3	61.0	91.4		
52	30.5	25.8	38.6		



Instrument :
ClientSampled :
VX0227WBS01

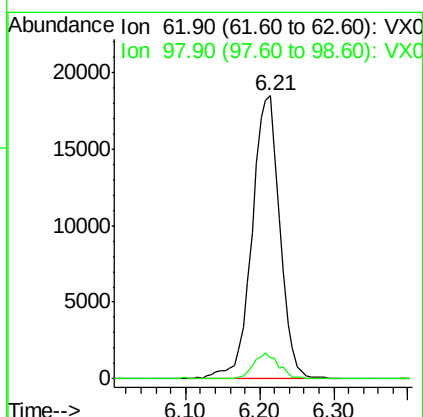
Manual Integrations
APPROVED

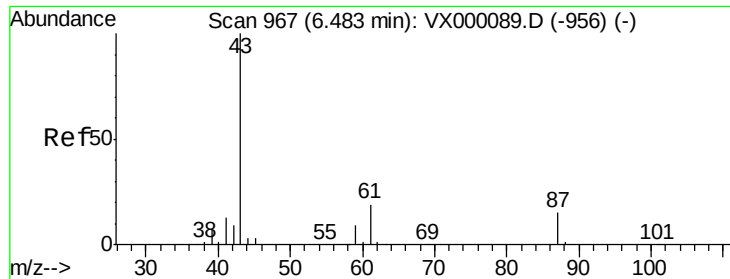
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2/28/2018 3:54:45 PM



#42
1,2-Dichloroethane
Concen: 18.78 ug/l
RT: 6.21 min Scan# 923
Delta R.T. 0.01 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		48530		
98	8.5	0.0	17.8		





#43

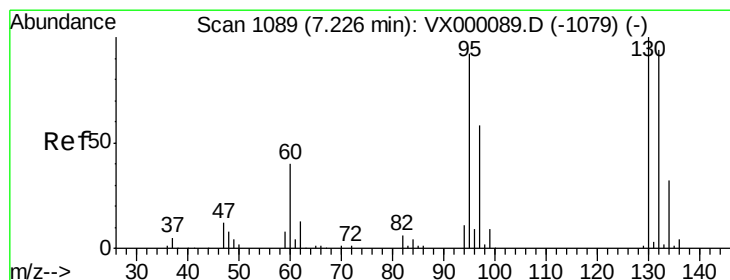
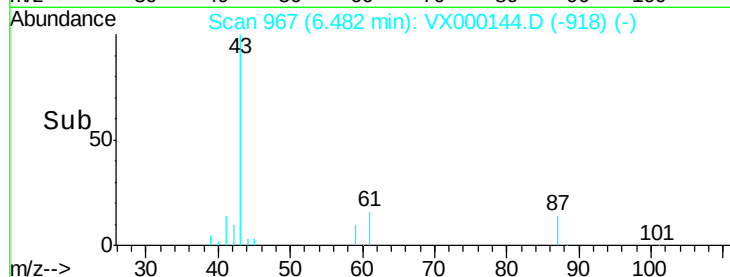
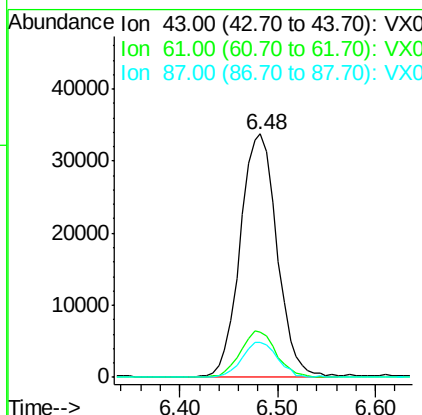
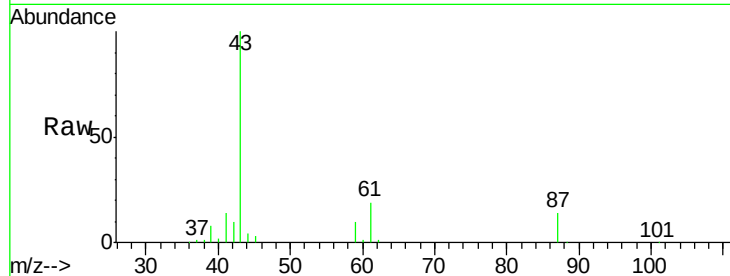
Isopropyl Acetate
 Concen: 18.13 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VX000144.D
 Acq: 27 Feb 2018 15:17

Instrument :
 ClientSampleId :
 VX0227WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.6	23.4
87	14.0	11.7	17.5

Manual Integrations
 APPROVED

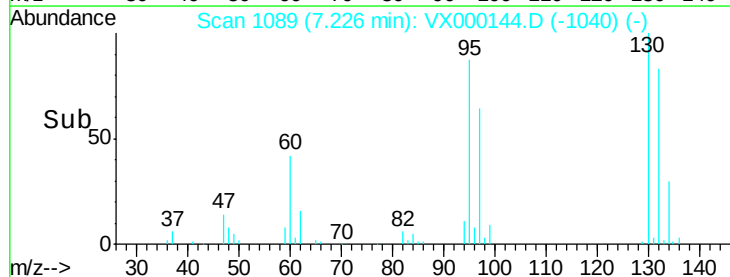
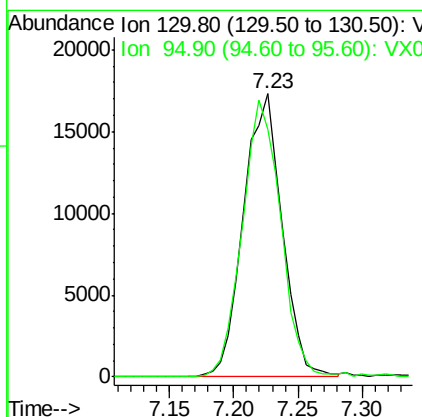
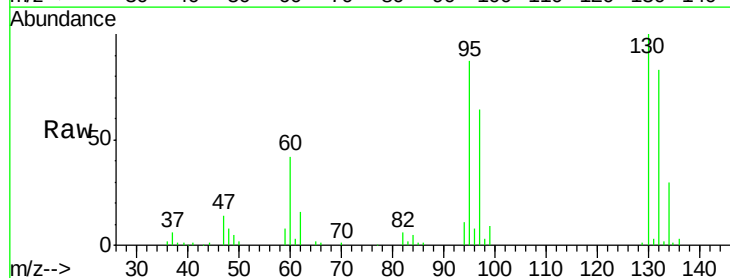
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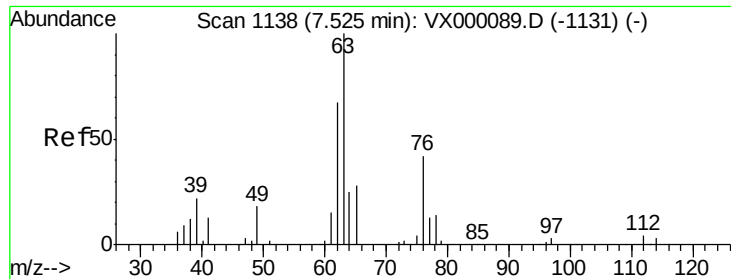


#44

Trichloroethene
 Concen: 17.32 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VX000144.D
 Acq: 27 Feb 2018 15:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.5	0.0	183.4





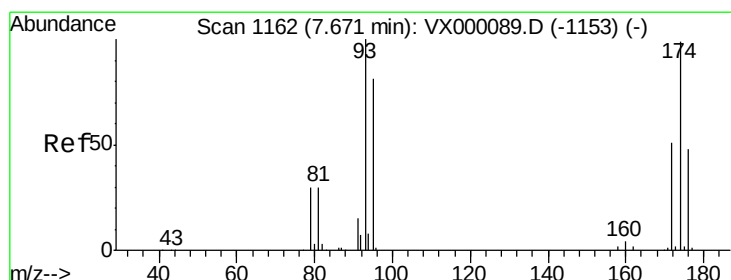
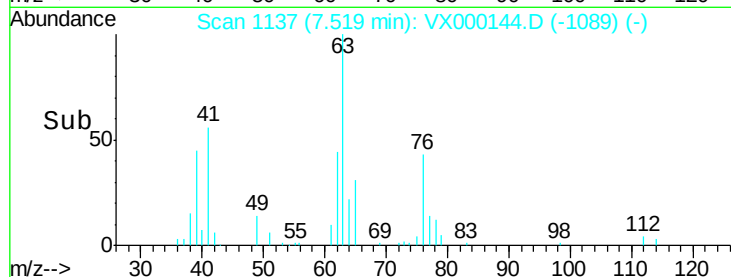
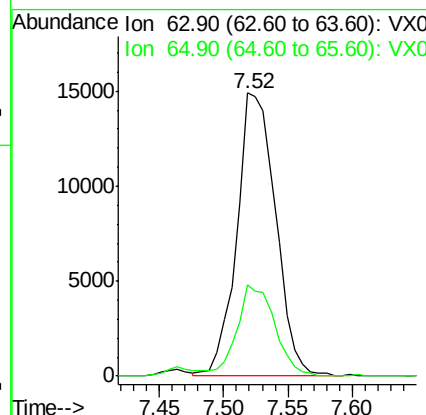
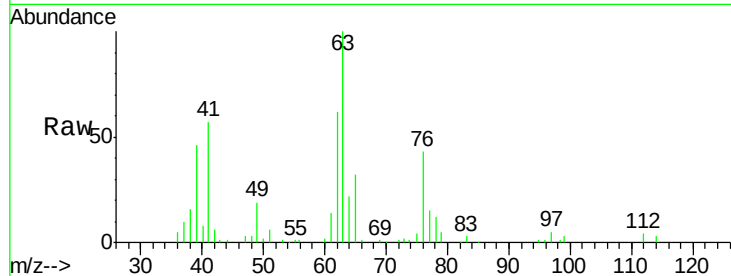
#45
1,2-Dichloropropane
Concen: 18.08 ug/l
RT: 7.52 min Scan# 1137
Delta R.T. -0.01 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Instrument :
ClientSampled :
VX0227WBS01

Tot Ion: 63 Resp: 31205
Ion Ratio Lower Upper
63 100
65 32.4 23.8 35.8

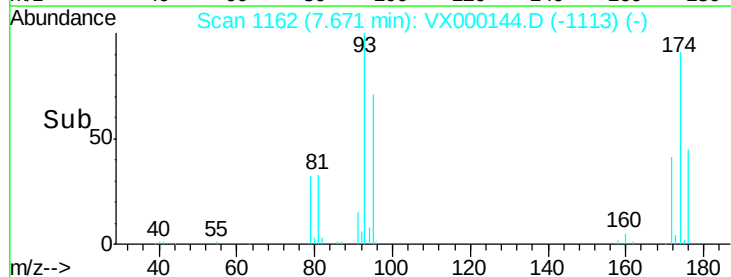
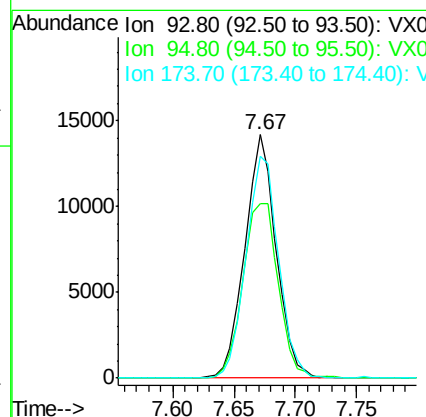
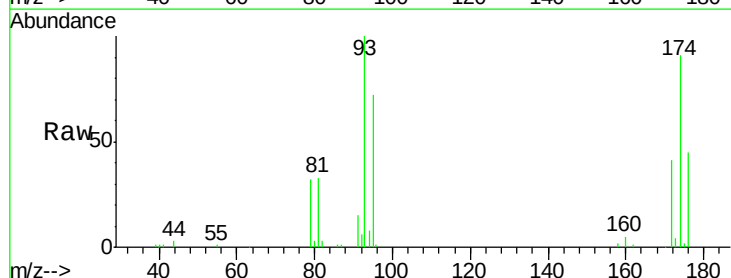
Manual Integrations
APPROVED

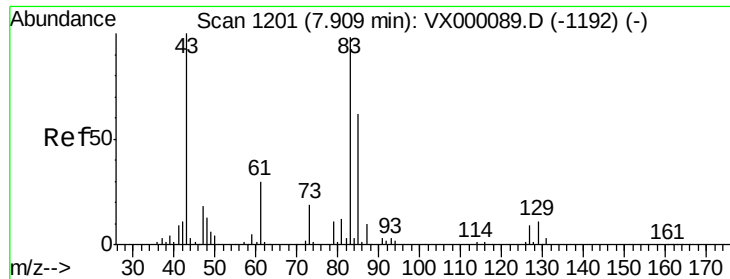
apatel
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#46
Dibromomethane
Concen: 18.73 ug/l
RT: 7.67 min Scan# 1162
Delta R.T. -0.00 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Tgt Ion: 93 Resp: 25218
Ion Ratio Lower Upper
93 100
95 81.4 65.0 97.6
174 94.9 83.1 124.7





#47

Bromodichloromethane

Concen: 18.98 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

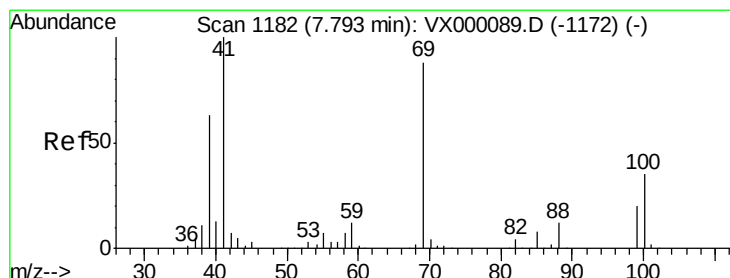
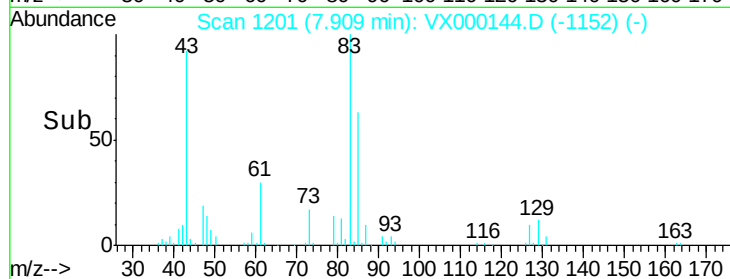
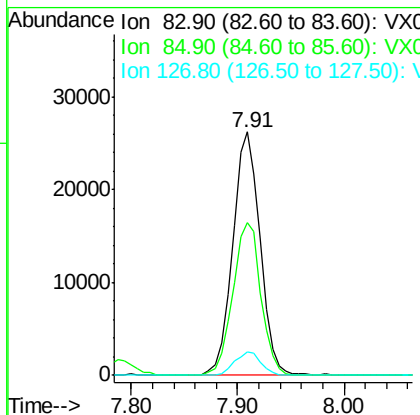
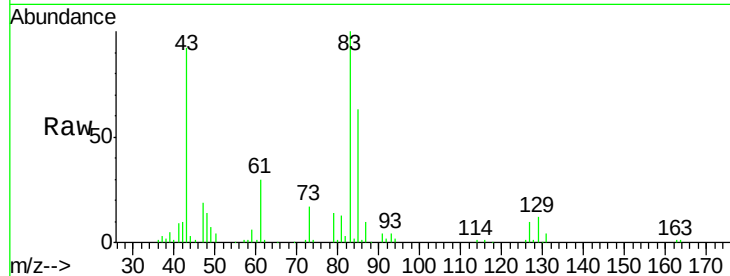
ClientSampled :

VX0227WBS01

Tot Ion:	83	Resp:	47222
Ion	Ratio	Lower	Upper
83	100		
85	62.8	50.4	75.6
127	9.8	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.32 ug/l

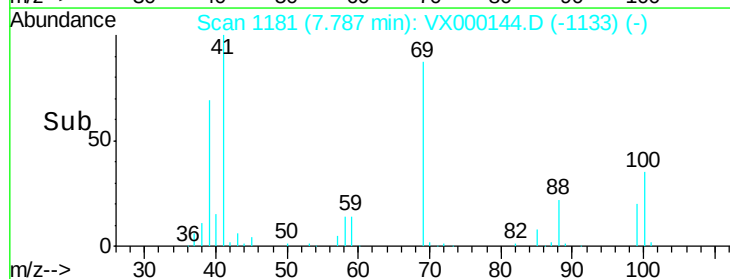
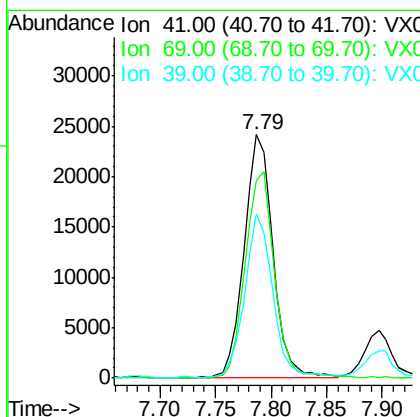
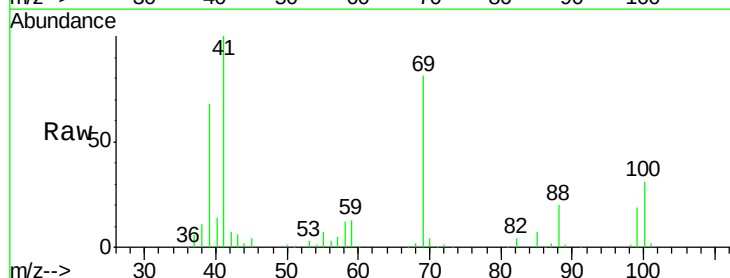
RT: 7.79 min Scan# 1181

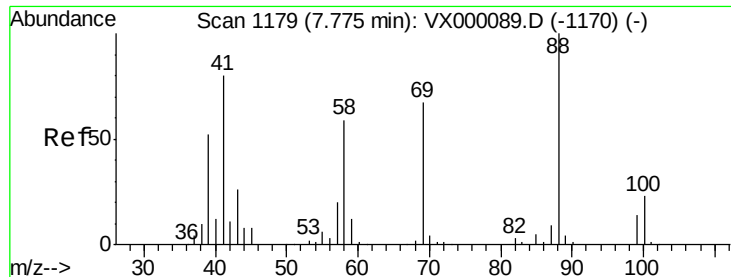
Delta R.T. -0.01 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Tgt Ion:	41	Resp:	43849
Ion	Ratio	Lower	Upper
41	100		
69	85.7	70.2	105.4
39	64.8	51.0	76.6





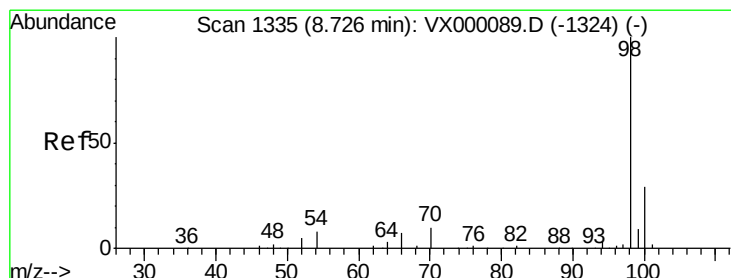
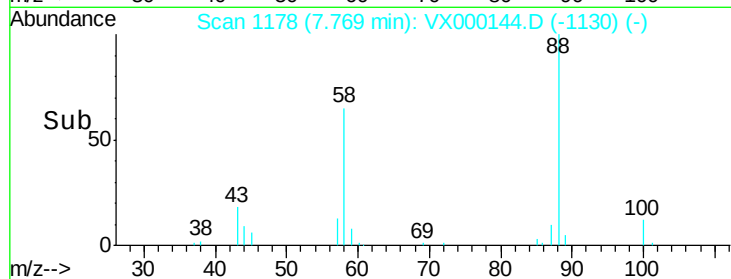
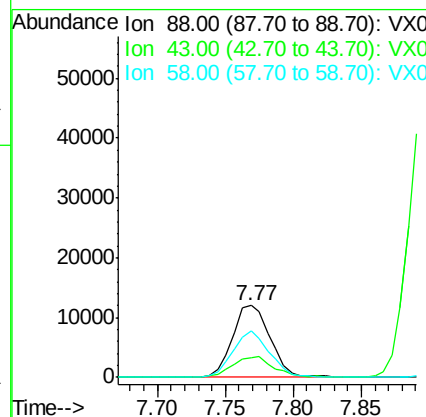
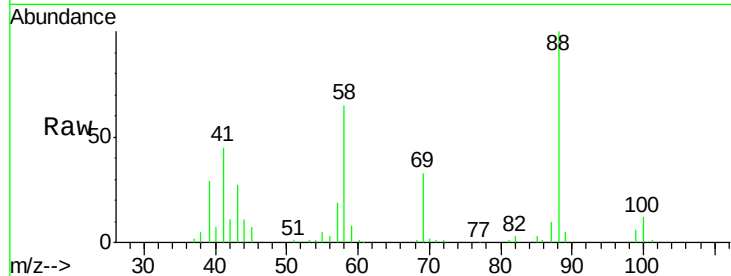
#49
 1,4-Dioxane
 Concen: 369.46 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: VX000144.D
 Acq: 27 Feb 2018 15:17

Instrument :
 ClientSampled :
 VX0227WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	24.1	36.1
58	63.6	49.0	73.6

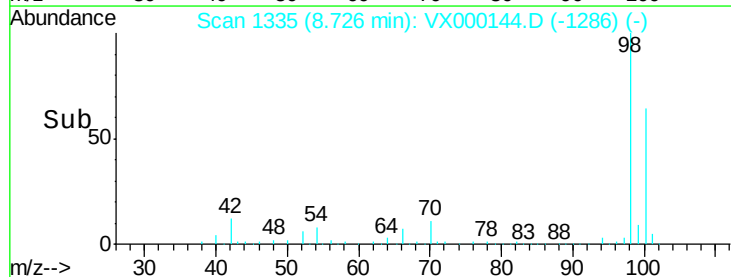
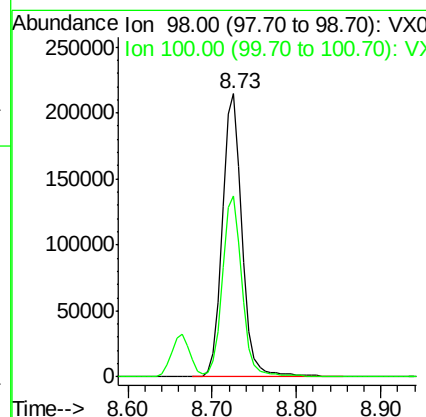
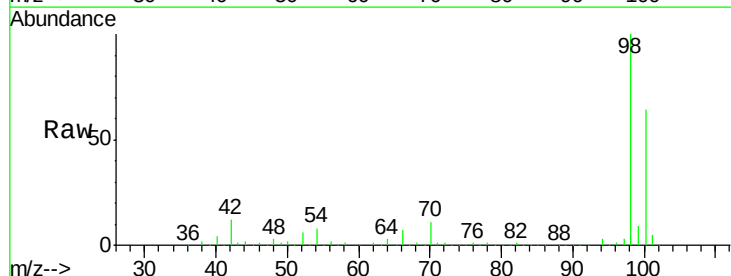
Manual Integrations
 APPROVED

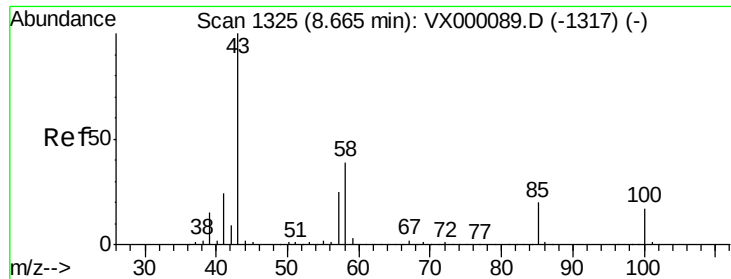
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#50
 Toluene-d8
 Concen: 50.72 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000144.D
 Acq: 27 Feb 2018 15:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 94.34 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

ClientSampled :

VX0227WBS01

Tot Ion: 43 Resp: 336756

Ion Ratio Lower Upper

43 100

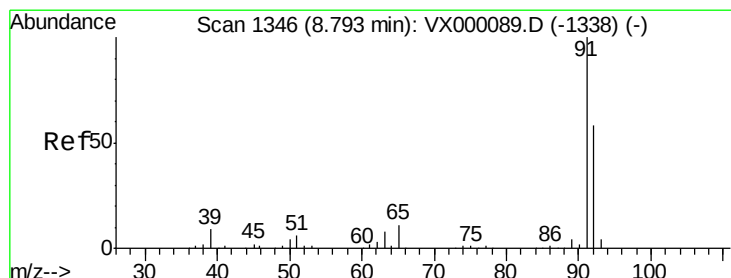
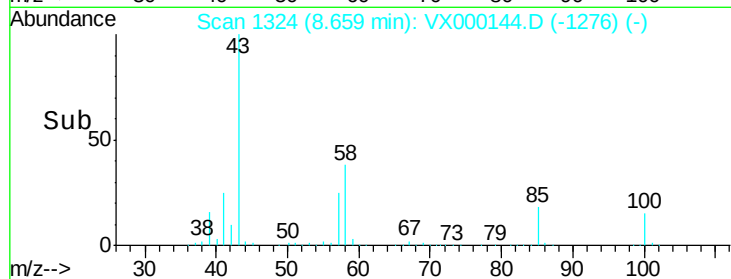
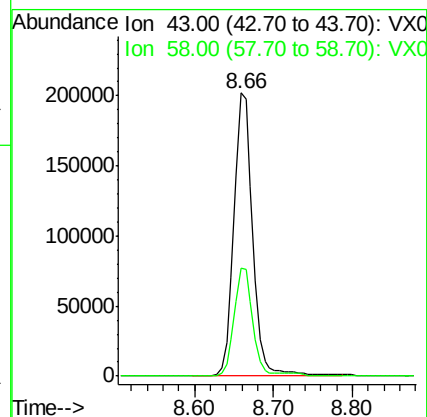
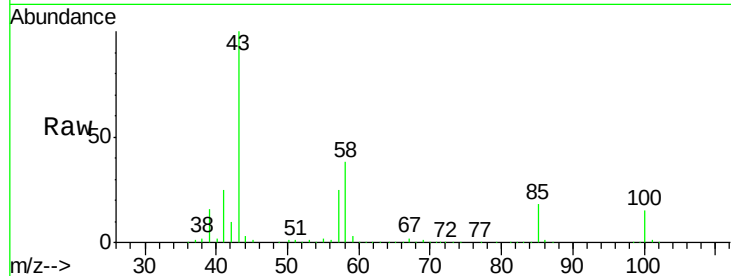
58 37.3 31.6 47.4

Manual Integrations

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#52

Toluene

Concen: 17.66 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000144.D

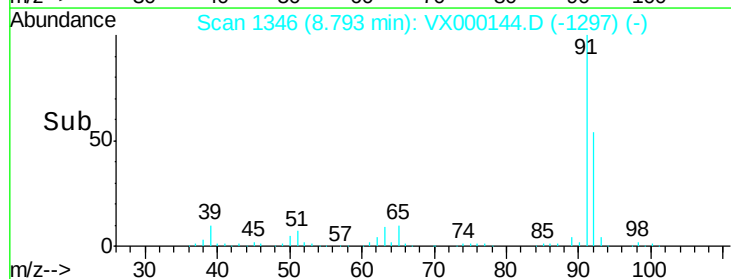
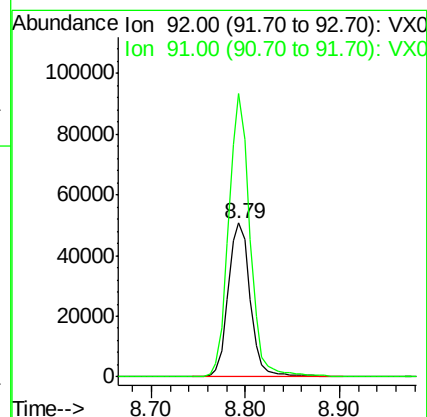
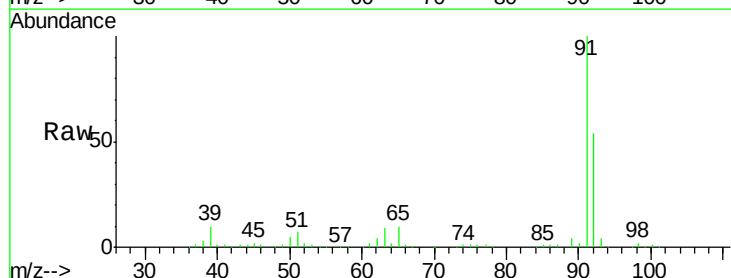
Acq: 27 Feb 2018 15:17

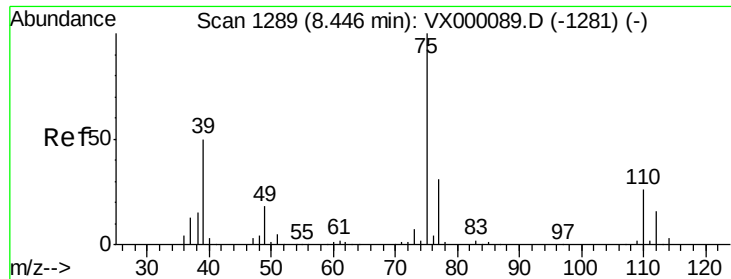
Tgt Ion: 92 Resp: 83077

Ion Ratio Lower Upper

92 100

91 177.5 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 17.39 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

ClientSampled :

VX0227WBS01

Tot Ion: 75 Resp: 50878

Ion Ratio Lower Upper

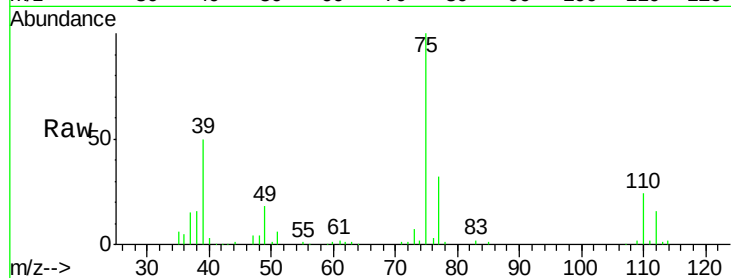
75 100

77 31.5 25.0 37.6

Manual Integrations
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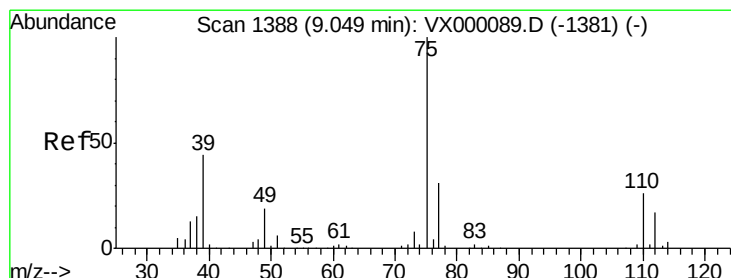
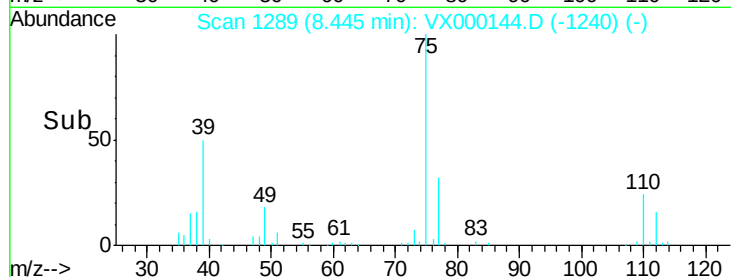
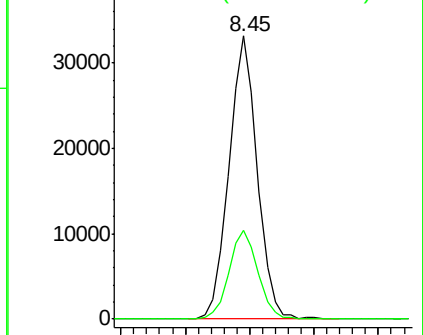
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 17.22 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

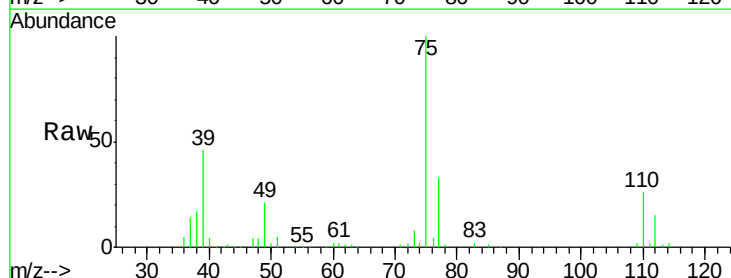
Tgt Ion: 75 Resp: 50028

Ion Ratio Lower Upper

75 100

77 32.6 25.0 37.6

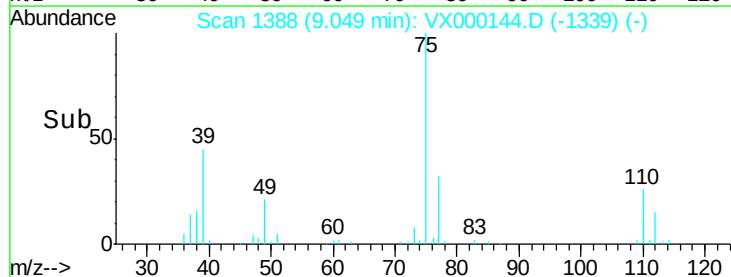
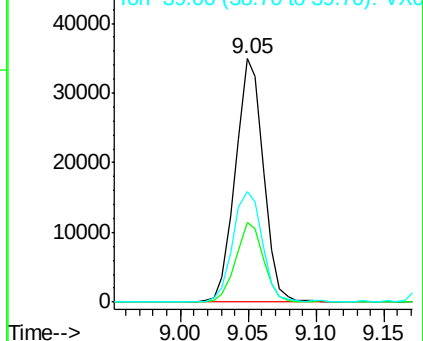
39 45.3 35.4 53.0

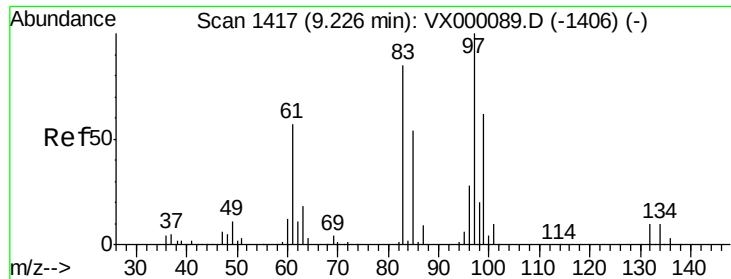


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





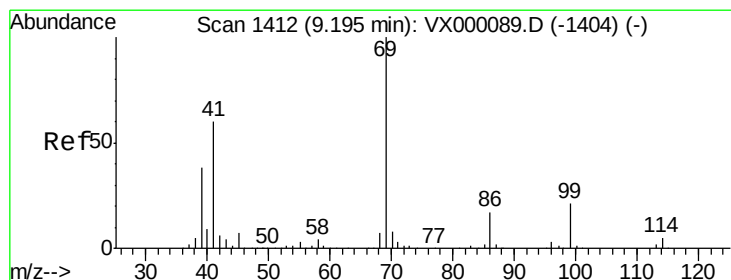
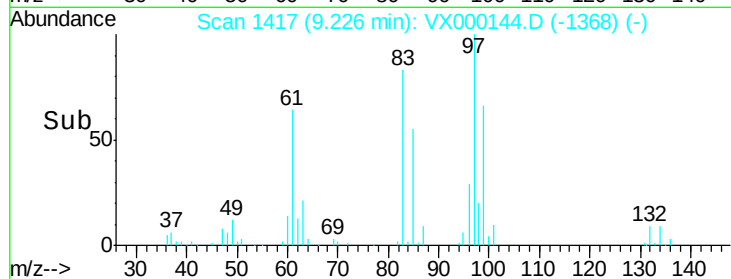
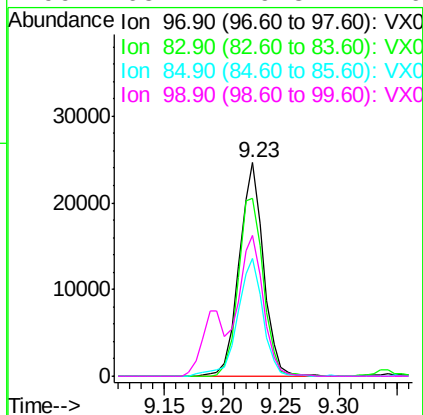
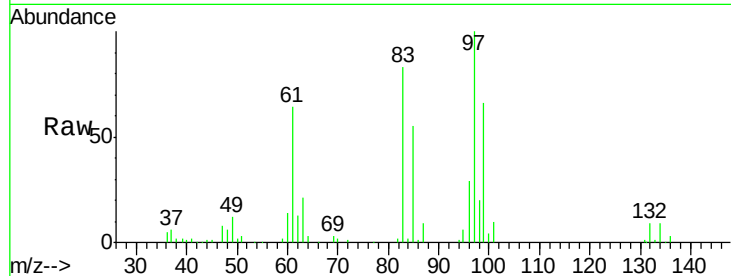
#55
 1,1,2-Trichloroethane
 Concen: 18.32 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000144.D
 Acq: 27 Feb 2018 15:17

Instrument :
 ClientSampled :
 VX0227WBS01

Tot Ion:	97	Resp:	35643
Ion	Ratio	Lower	Upper
97	100		
83	83.5	67.6	101.4
85	55.0	42.9	64.3
99	65.7	49.8	74.6

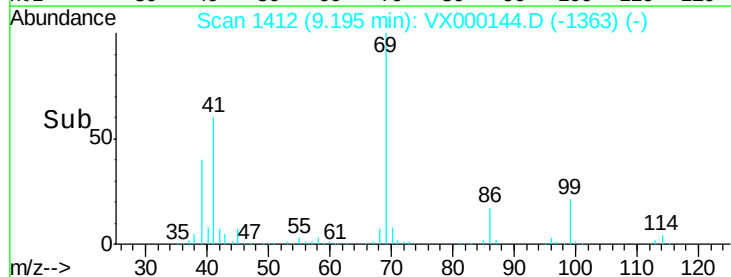
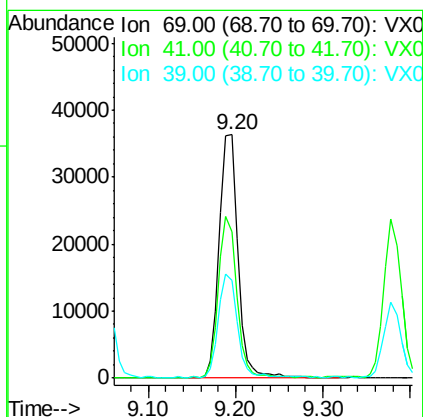
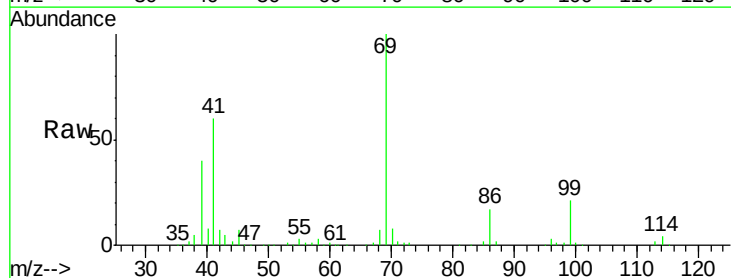
Manual Integrations
 APPROVED

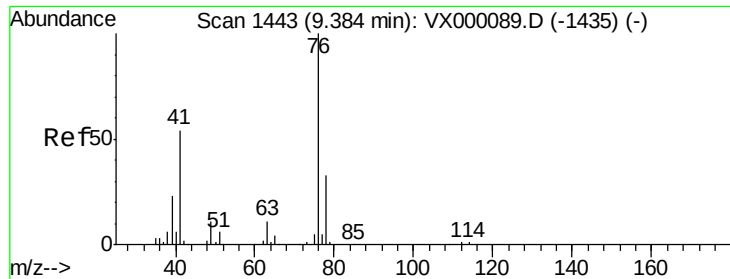
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#56
 Ethyl methacrylate
 Concen: 18.10 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VX000144.D
 Acq: 27 Feb 2018 15:17

Tgt Ion:	69	Resp:	54034
Ion	Ratio	Lower	Upper
69	100		
41	65.7	49.4	74.0
39	42.7	31.3	46.9





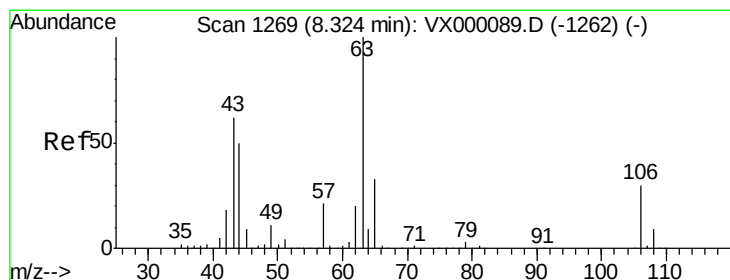
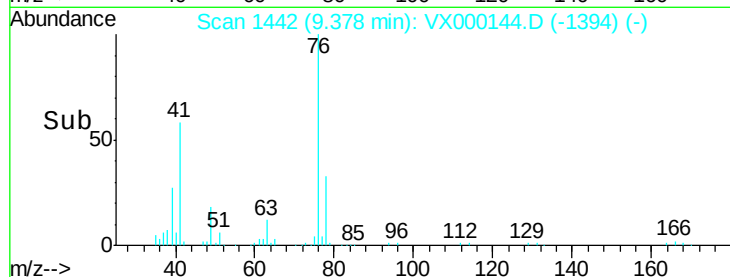
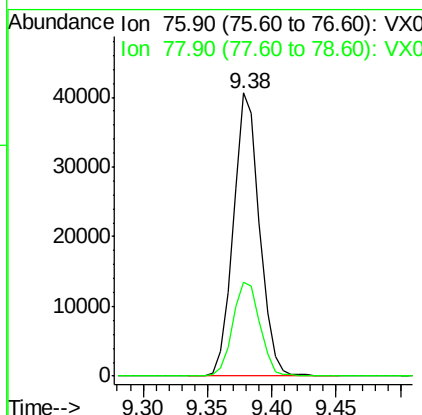
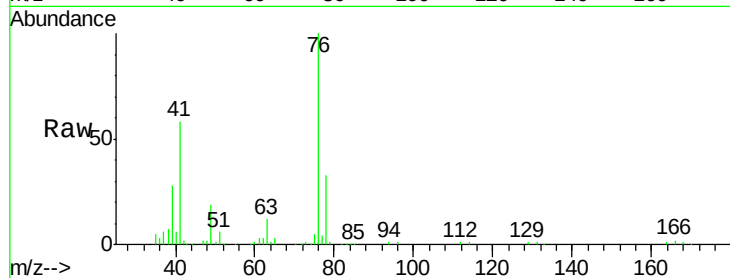
#57
 1,3-Dichloropropane
 Concen: 18.61 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VX000144.D
 Acq: 27 Feb 2018 15:17

Instrument :
 ClientSampleId :
 VX0227WBS01

Tot Ion: 76 Resp: 57524
 Ion Ratio Lower Upper
 76 100
 78 34.7 25.8 38.8

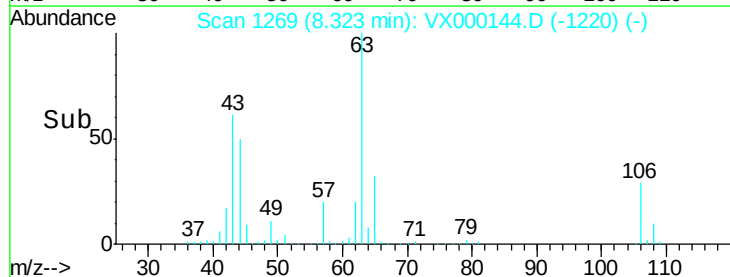
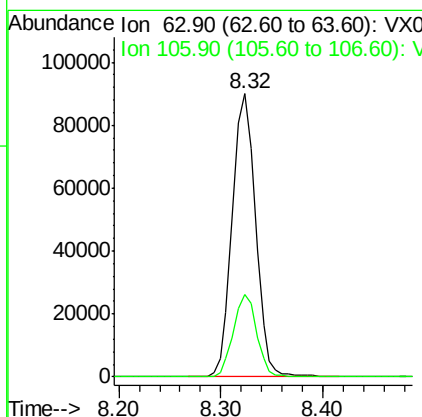
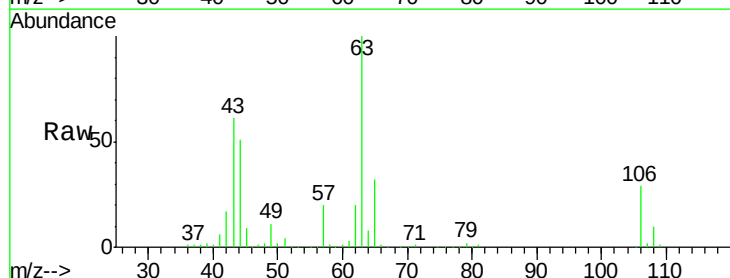
Manual Integrations
 APPROVED

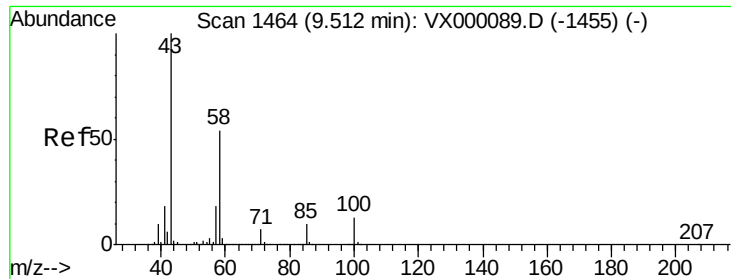
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#58
 2-Chloroethyl Vinyl ether
 Concen: 94.67 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000144.D
 Acq: 27 Feb 2018 15:17

Tgt Ion: 63 Resp: 142873
 Ion Ratio Lower Upper
 63 100
 106 29.2 24.6 37.0





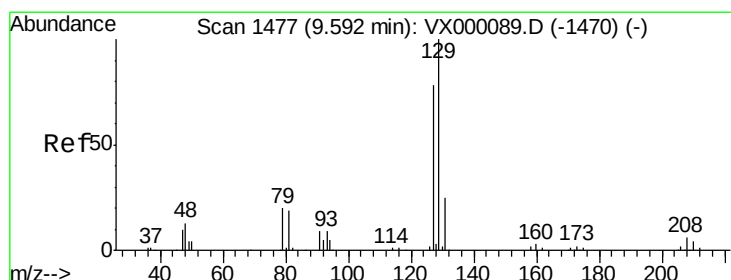
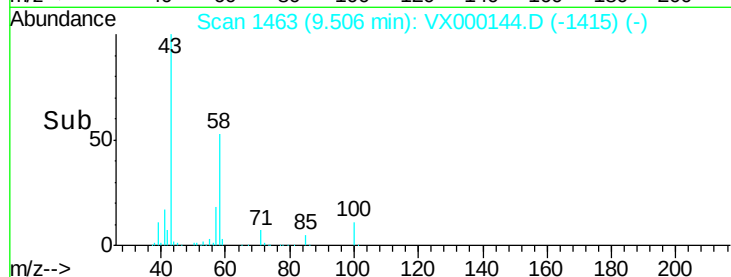
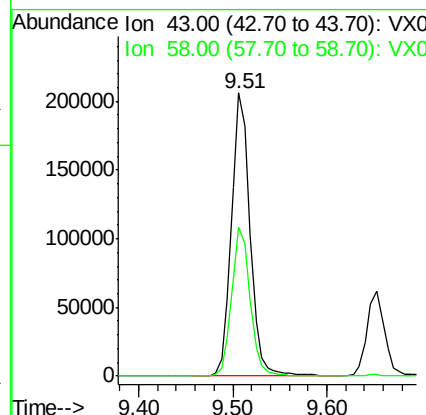
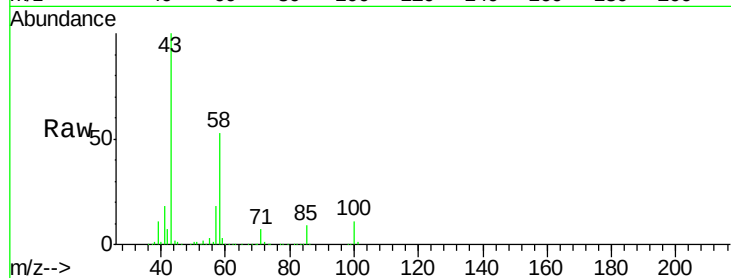
#59
2-Hexanone
Concen: 93.79 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Instrument :
ClientSampleId :
VX0227WBS01

Tot Ion: 43 Resp: 283473
Ion Ratio Lower Upper
43 100
58 52.6 27.1 81.3

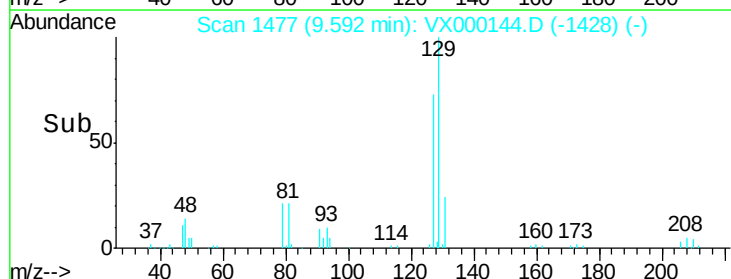
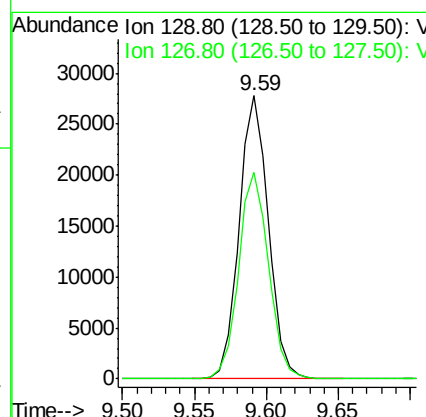
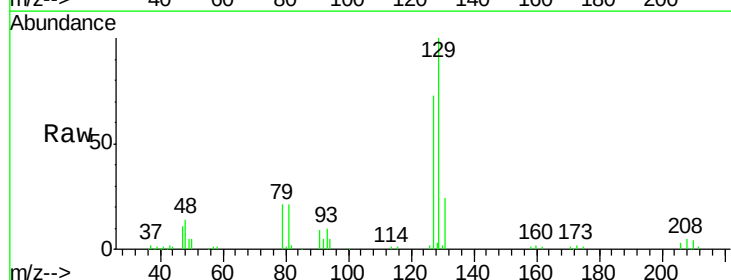
Manual Integrations
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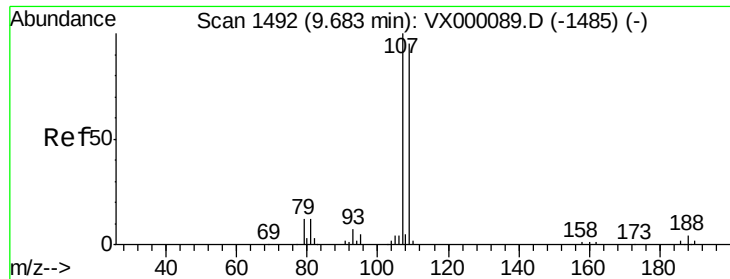
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#60
Dibromochloromethane
Concen: 17.83 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Tgt Ion: 129 Resp: 39301
Ion Ratio Lower Upper
129 100
127 74.4 37.6 112.9





#61

1,2-Dibromoethane

Concen: 17.81 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

ClientSampleId :

VX0227WBS01

Tot Ion:107 Resp: 38460

Ion Ratio Lower Upper

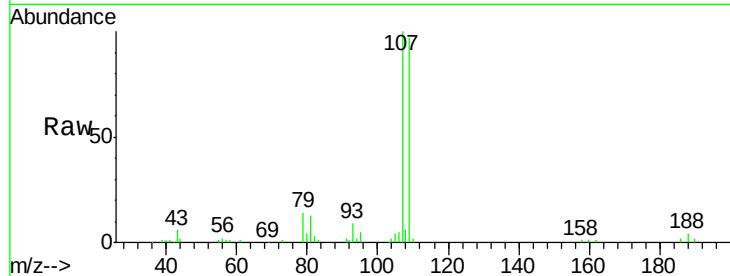
107 100

109 97.9 76.4 114.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

30000

25000

20000

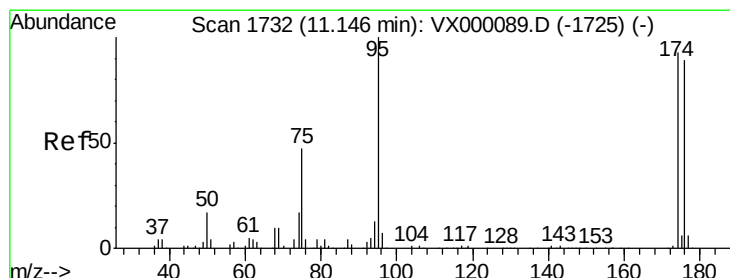
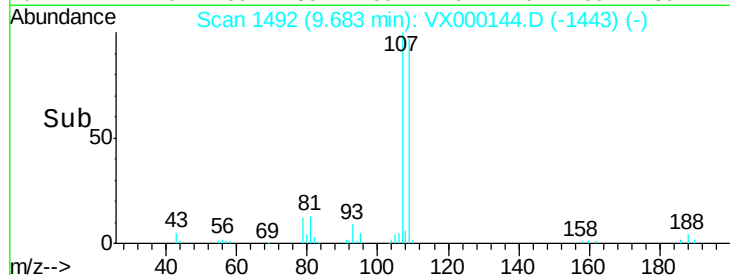
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.20 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

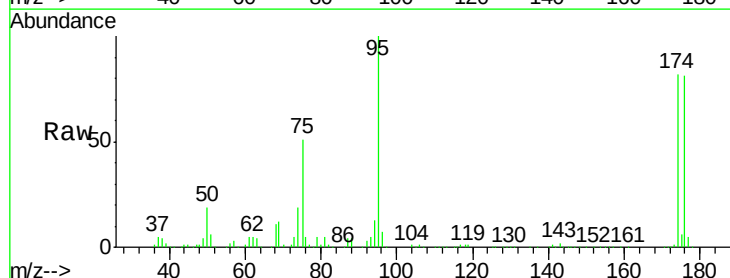
Tgt Ion: 95 Resp: 131932

Ion Ratio Lower Upper

95 100

174 84.6 0.0 187.8

176 83.0 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

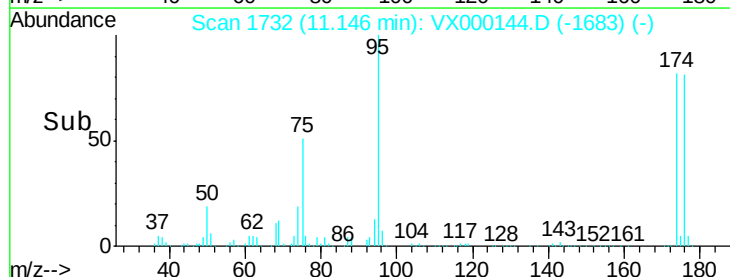
11.15

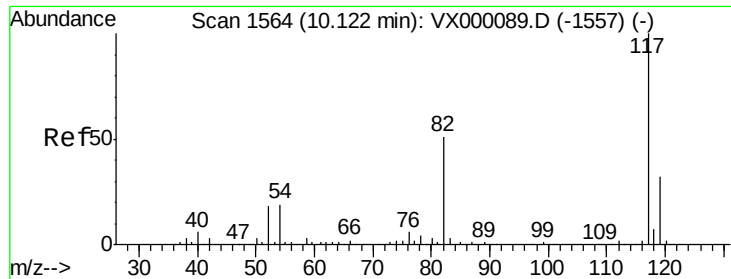
100000

50000

0

Time-->





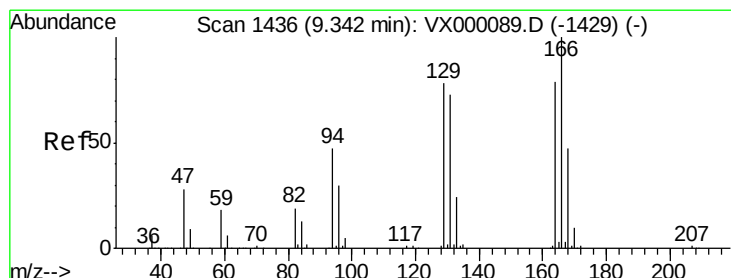
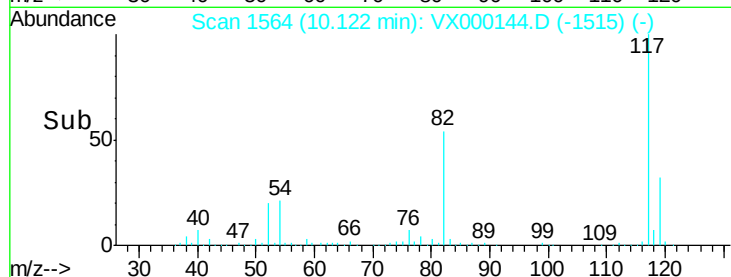
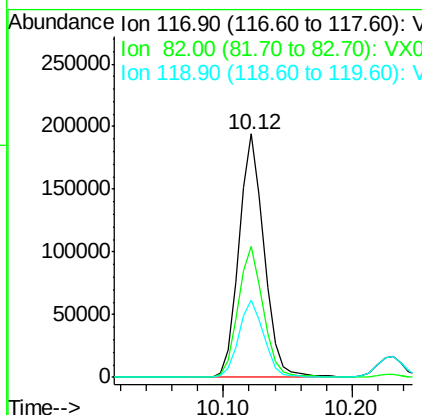
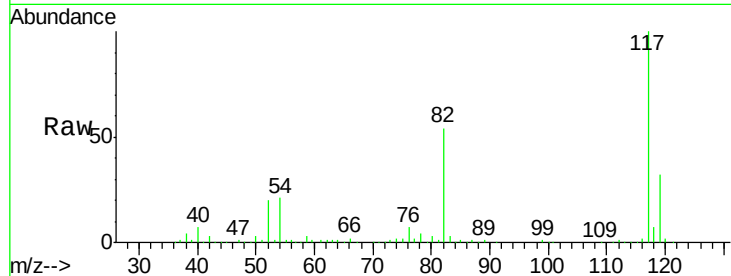
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Instrument :
ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	41.0	61.6
119	31.6	25.5	38.3

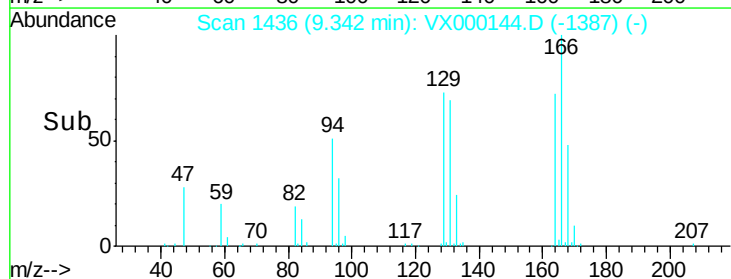
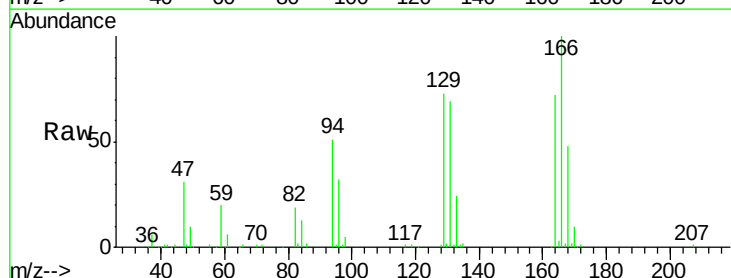
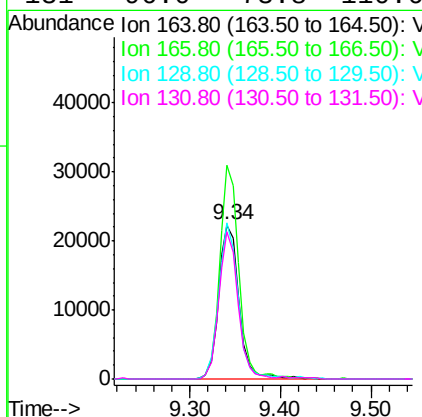
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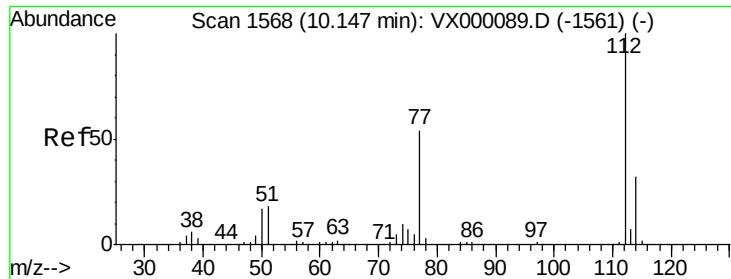
apatel
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#64
Tetrachloroethene
Concen: 18.21 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	139.0	101.4	152.2
129	101.5	78.6	118.0
131	96.0	73.8	110.6





#65

Chlorobenzene

Concen: 17.99 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

ClientSampled :

VX0227WBS01

Tot Ion:112 Resp: 99529

Ion Ratio Lower Upper

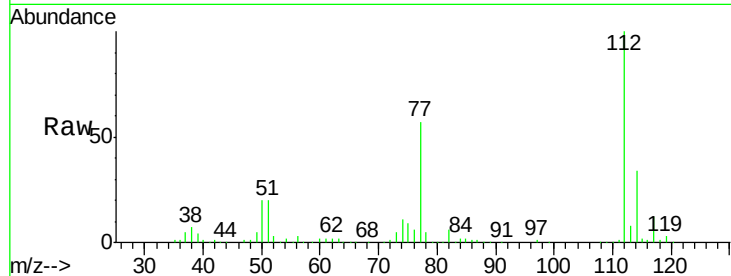
112 100

114 34.0 25.6 38.4

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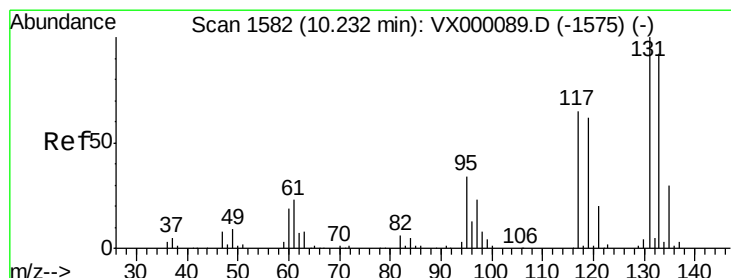
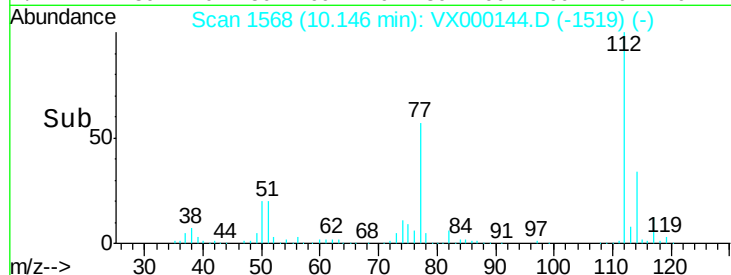
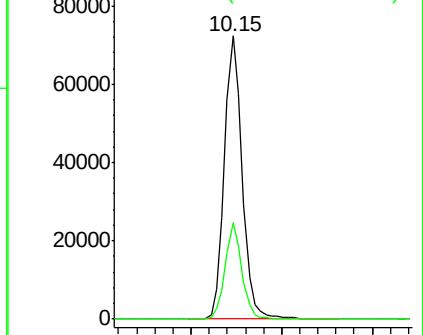
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.54 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

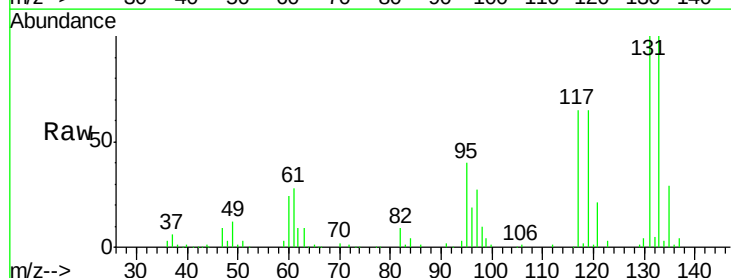
Tgt Ion:131 Resp: 35898

Ion Ratio Lower Upper

131 100

133 96.2 47.4 142.3

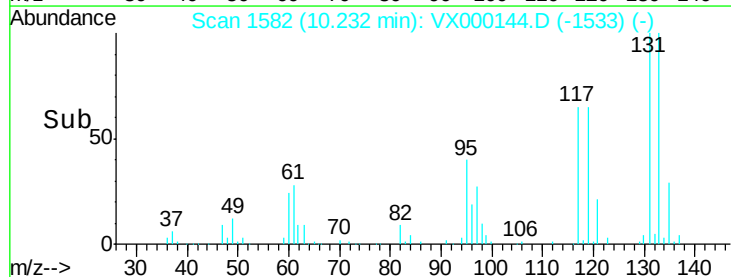
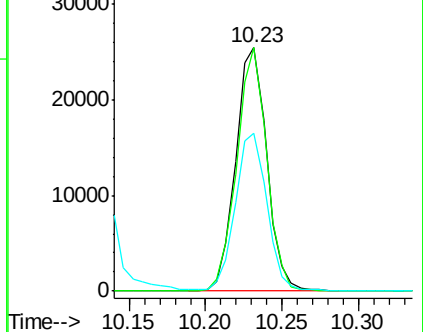
119 66.5 31.7 95.1

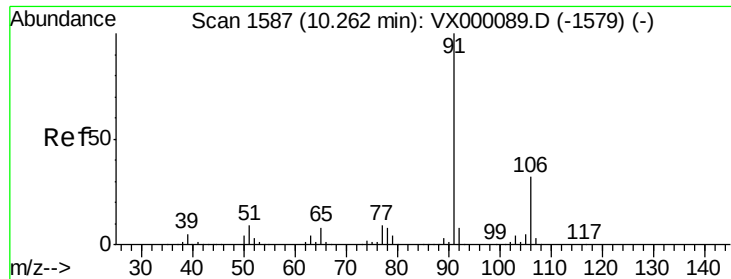


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.04 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

ClientSampled :

VX0227WBS01

Tot Ion: 91 Resp: 167544

Ion Ratio Lower Upper

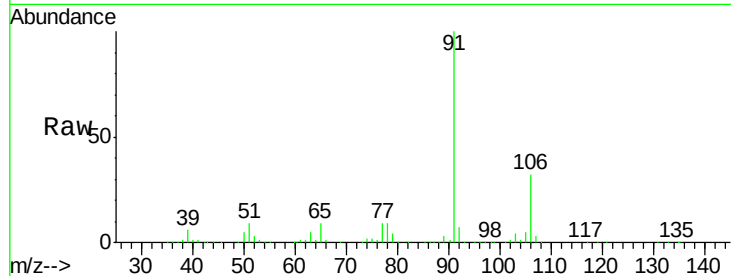
91 100

106 31.7 25.8 38.6

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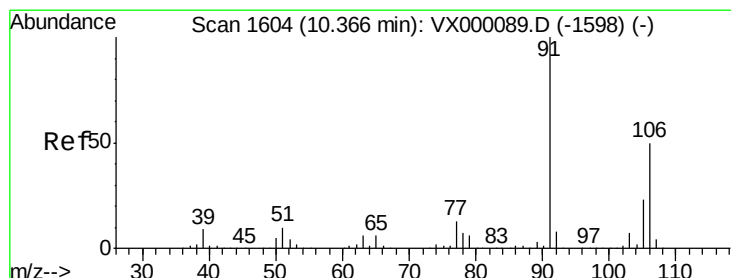
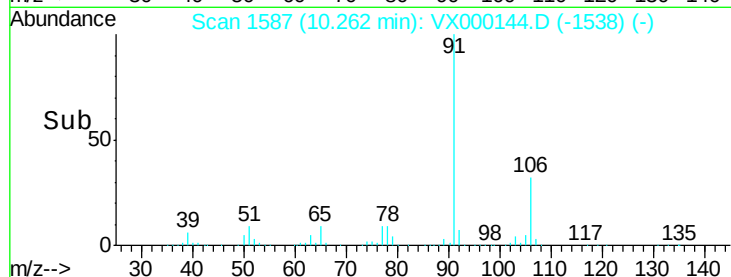
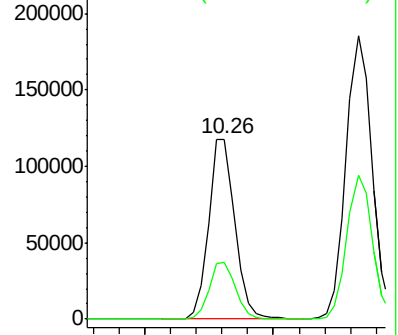
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 35.50 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000144.D

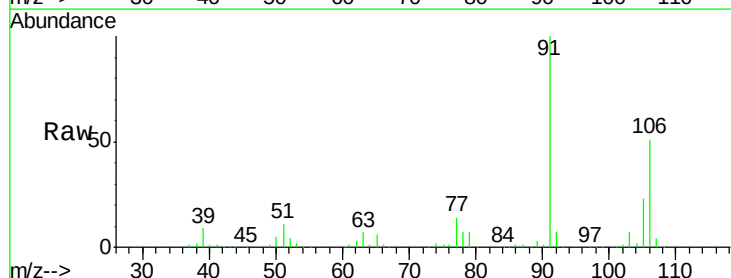
Acq: 27 Feb 2018 15:17

Tgt Ion: 106 Resp: 130570

Ion Ratio Lower Upper

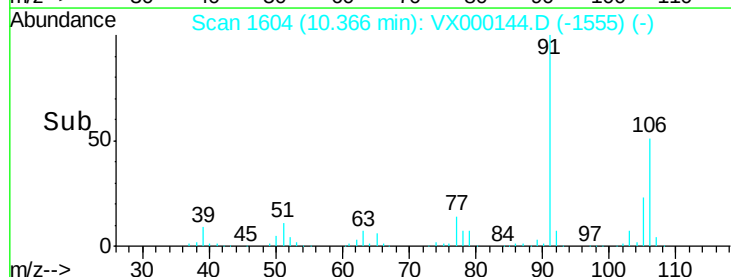
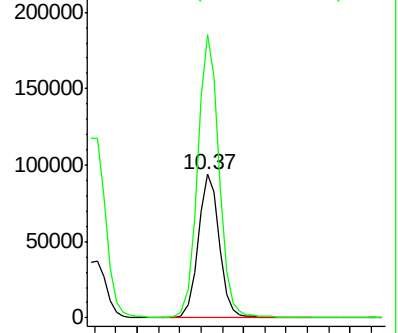
106 100

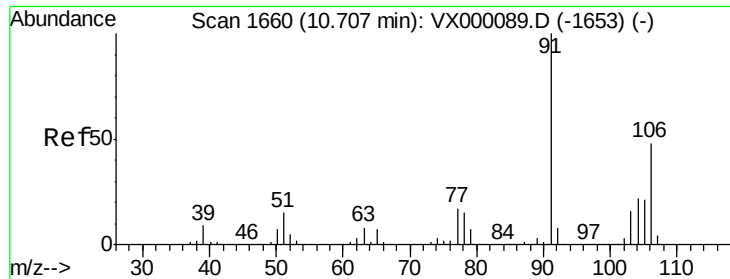
91 199.5 159.1 238.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





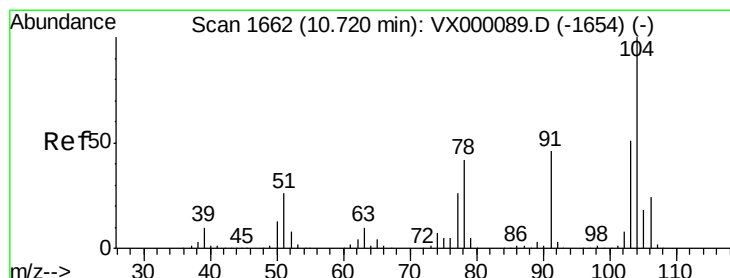
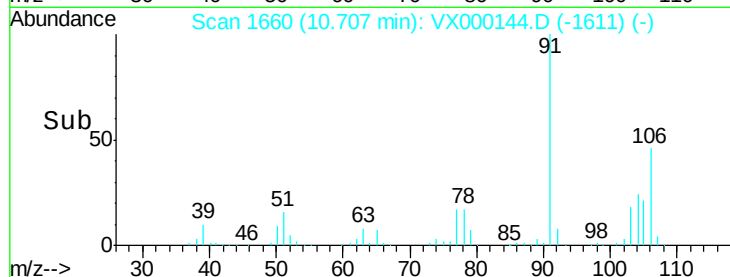
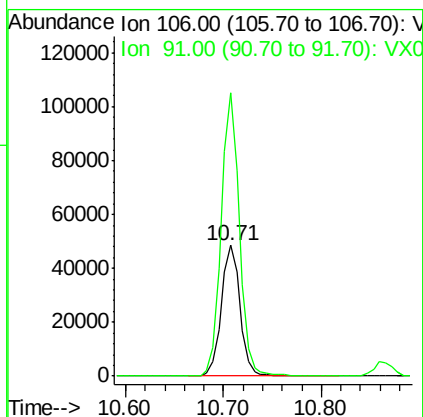
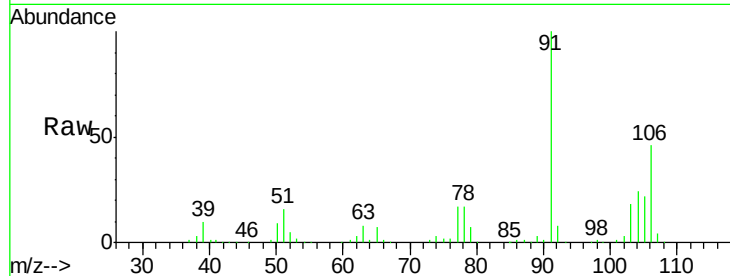
#69
o-Xylene
Concen: 18.19 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Instrument :
ClientSampleId :
VX0227WBS01

Tot Ion:106 Resp: 64520
Ion Ratio Lower Upper
106 100
91 210.2 103.8 311.6

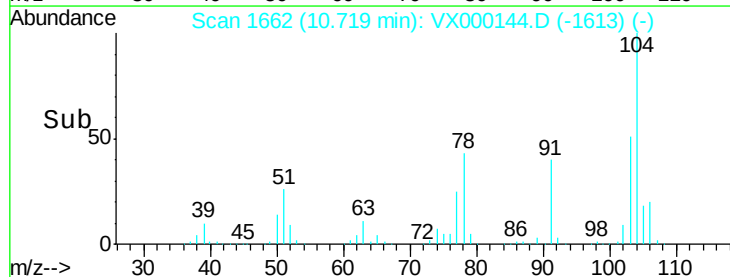
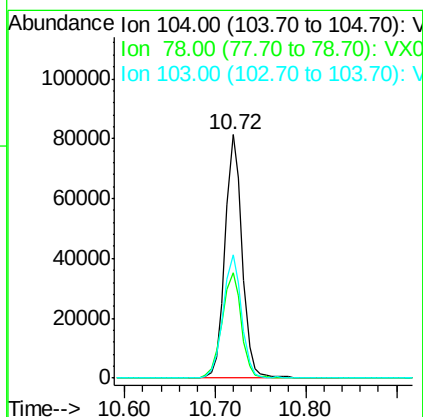
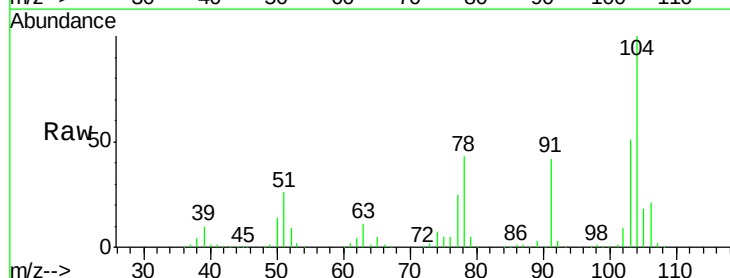
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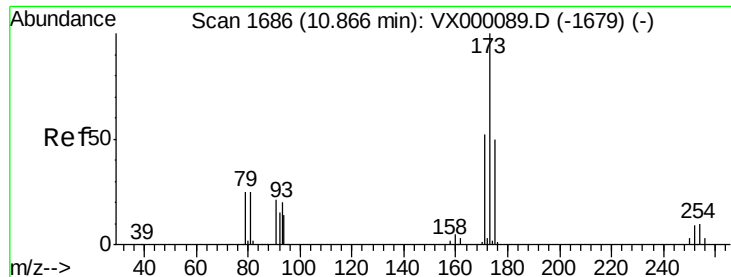
apatel
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#70
Styrene
Concen: 18.37 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Tgt Ion:104 Resp: 106513
Ion Ratio Lower Upper
104 100
78 49.0 38.2 57.4
103 55.2 44.2 66.4





#71

Bromoform

Concen: 17.75 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

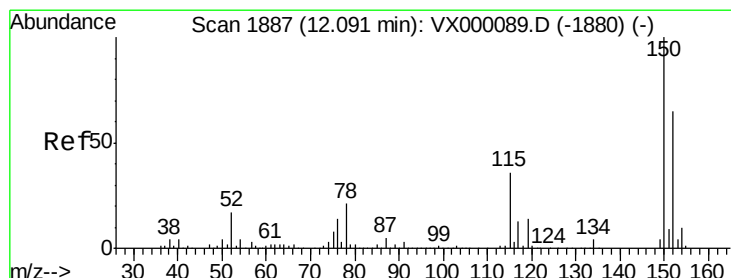
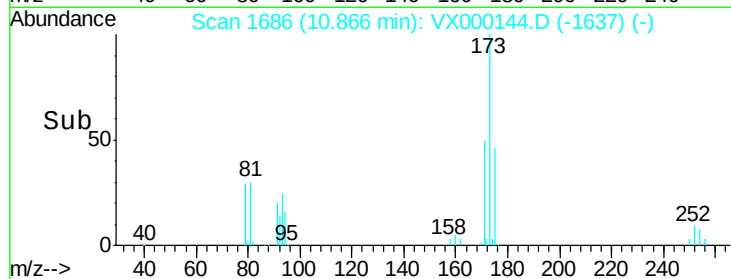
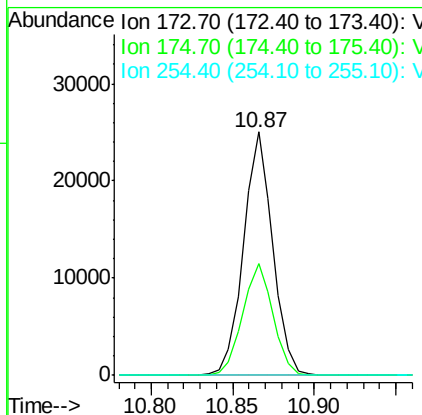
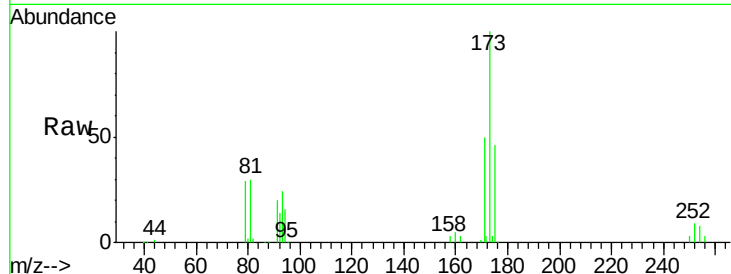
ClientSampled :

VX0227WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.3	73.0
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

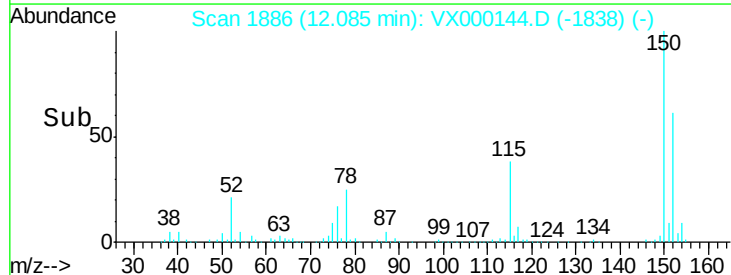
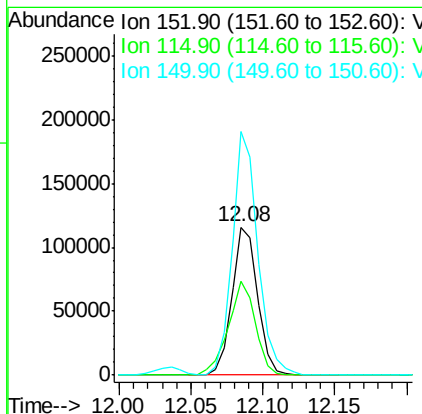
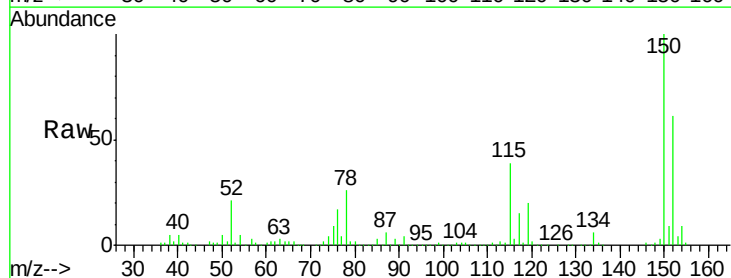
RT: 12.08 min Scan# 1886

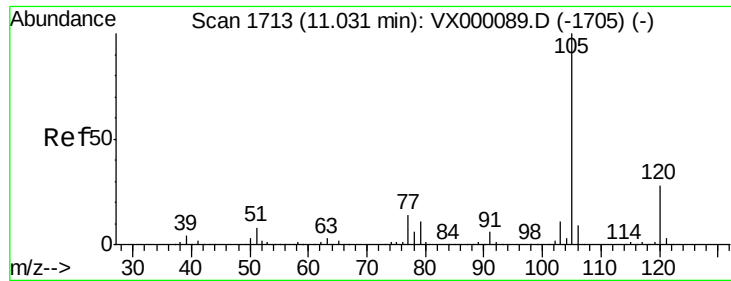
Delta R.T. -0.01 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.7	39.1	117.2
150	164.3	0.0	348.2





#73

Isopropylbenzene

Concen: 19.12 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

ClientSampled :

VX0227WBS01

Tot Ion: 105 Resp: 174554

Ion Ratio Lower Upper

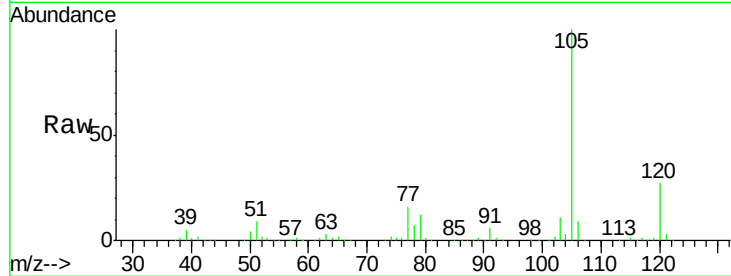
105 100

120 26.7 14.0 42.0

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

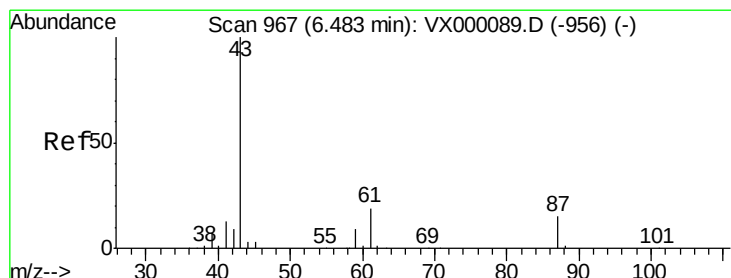
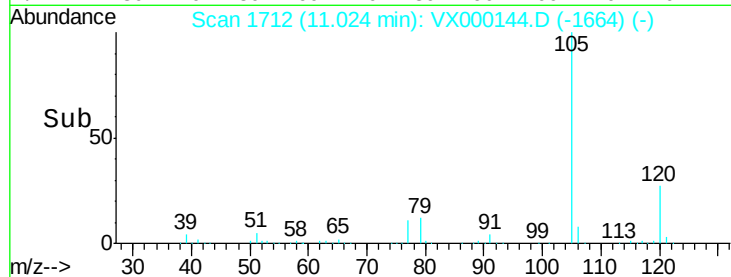
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.20 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Tgt Ion: 43 Resp: 88551

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 18.5 15.6 23.4

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6.48

50000

40000

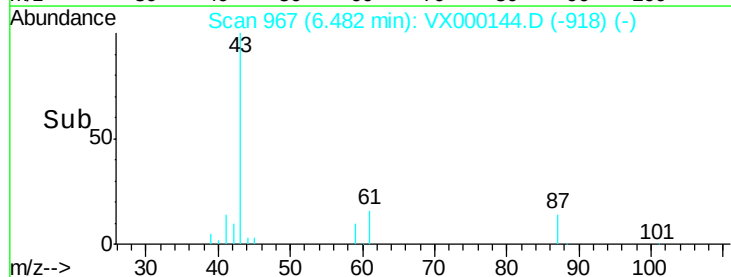
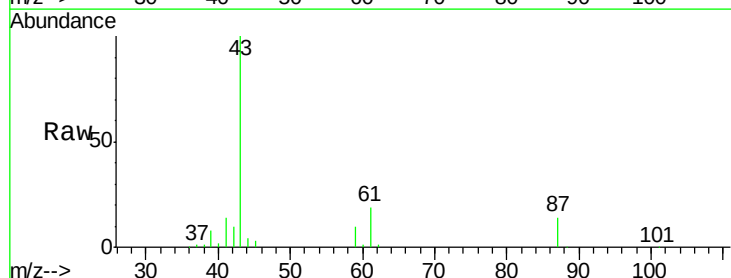
30000

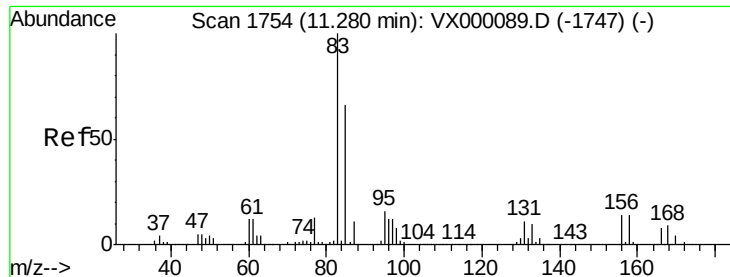
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.62 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

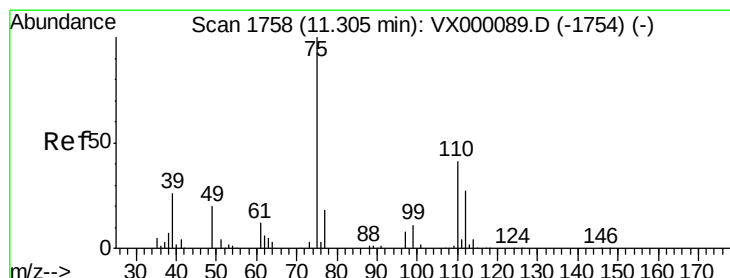
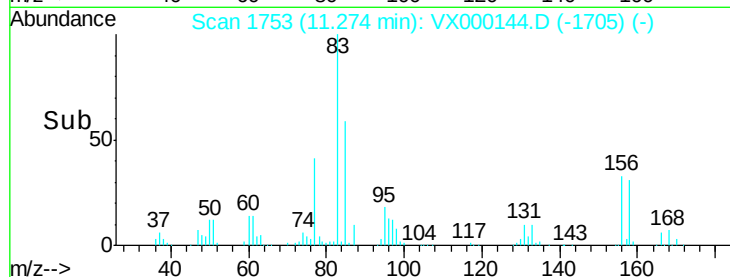
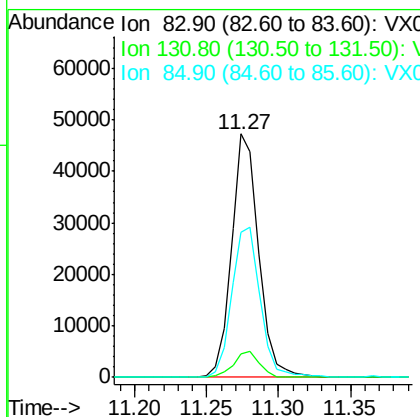
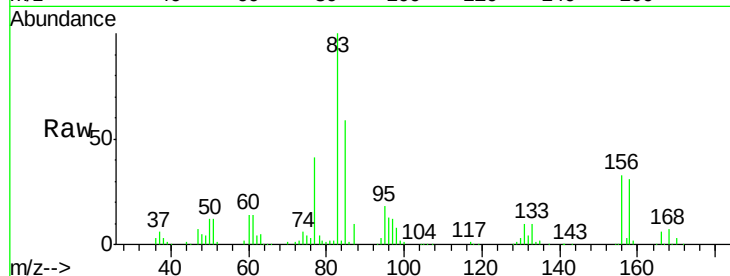
ClientSampleId :

VX0227WBS01

Tot Ion:	83	Resp:	62380
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.6	16.8
85	64.6	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 19.26 ug/l m

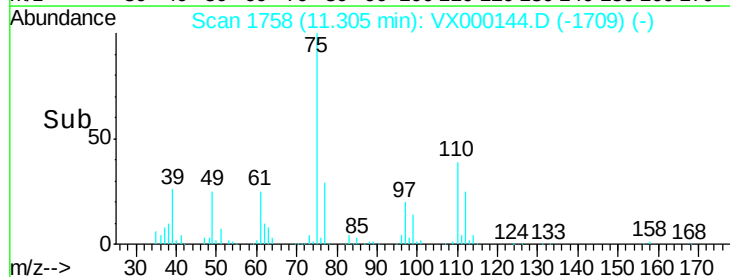
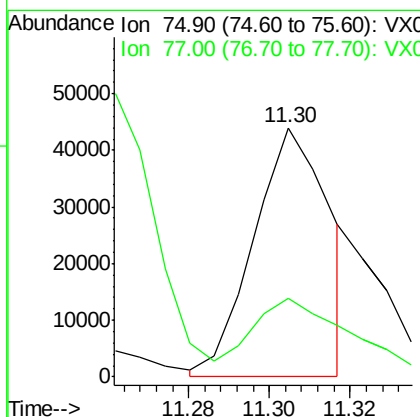
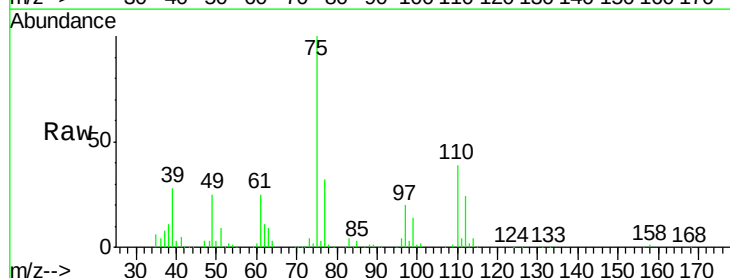
RT: 11.30 min Scan# 1758

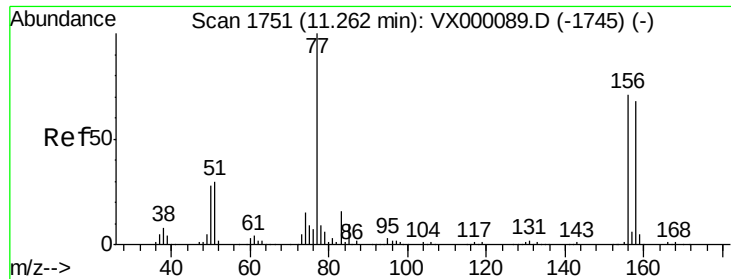
Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Tgt Ion:	75	Resp:	57462
Ion Ratio	Lower	Upper	
75	100		
77	41.4	22.8	68.3





#77

Bromobenzene

Concen: 18.23 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

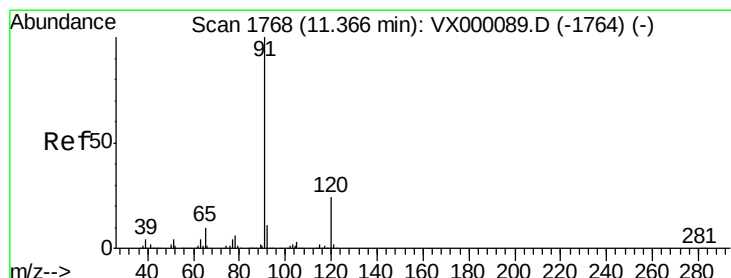
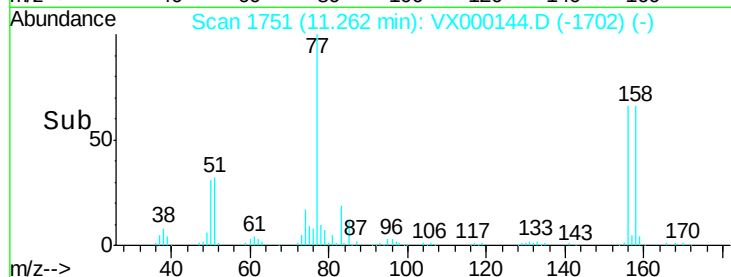
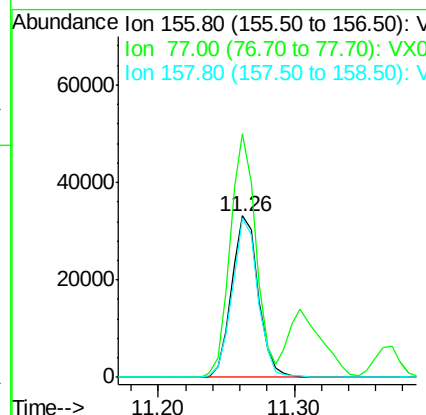
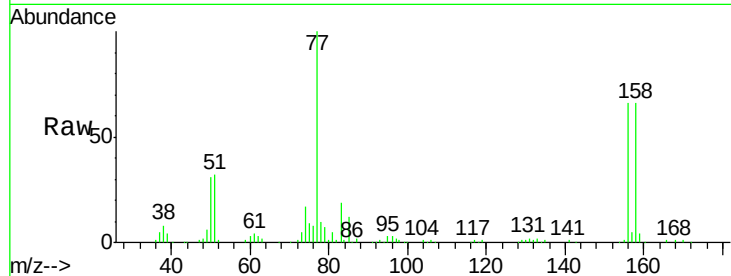
ClientSampled :

VX0227WBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	145.5	67.0	201.0	
158	95.4	48.3	144.9	

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#78

n-propylbenzene

Concen: 18.79 ug/l

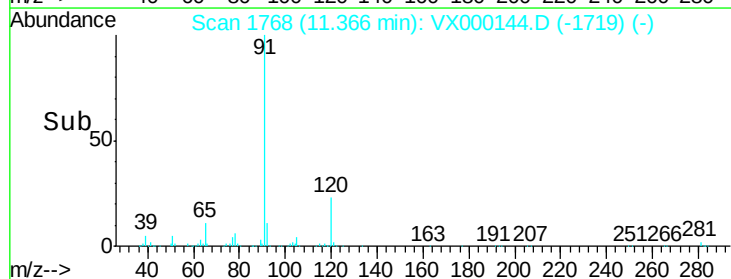
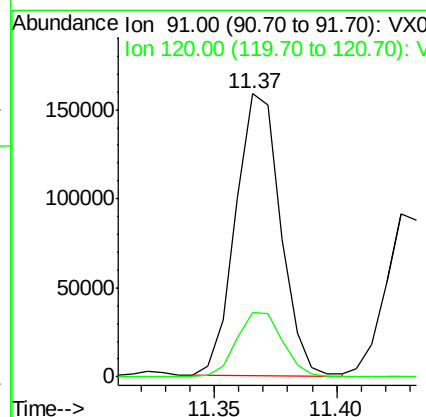
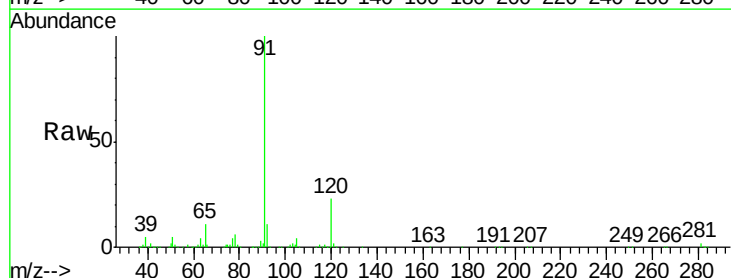
RT: 11.37 min Scan# 1768

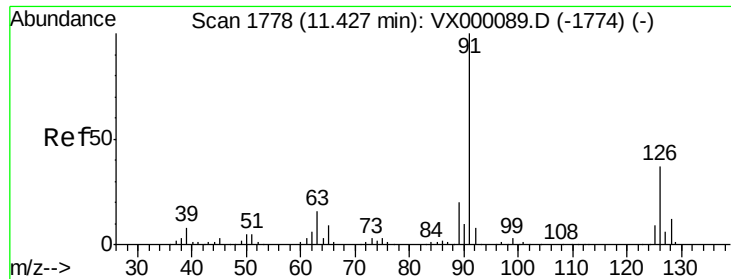
Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.9	12.3	36.9	





#79

2-Chlorotoluene

Concen: 18.98 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

ClientSampled :

VX0227WBS01

Tot Ion: 91 Resp: 116891

Ion Ratio Lower Upper

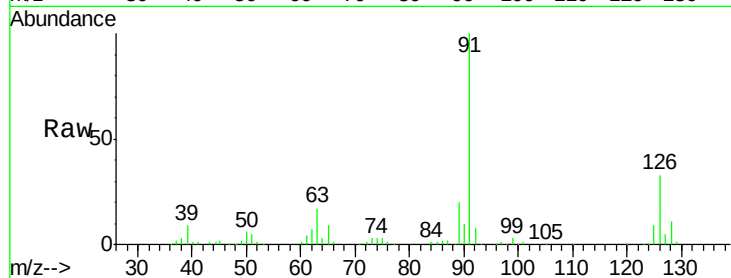
91 100

126 35.3 18.4 55.2

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Abundance Ion 91.00 (90.70 to 91.70): VX000089.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000089.D (-1774) (-)

150000

100000

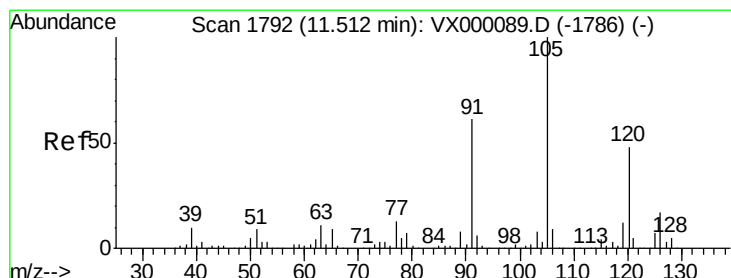
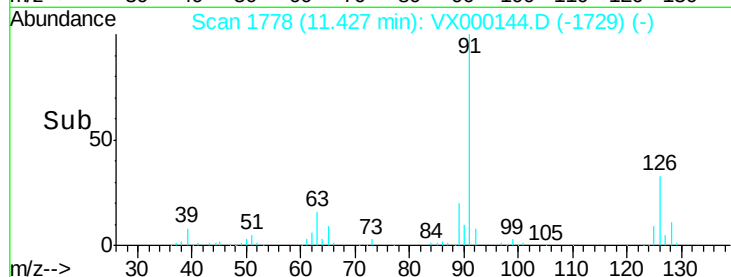
50000

0

11.43

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.02 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000144.D

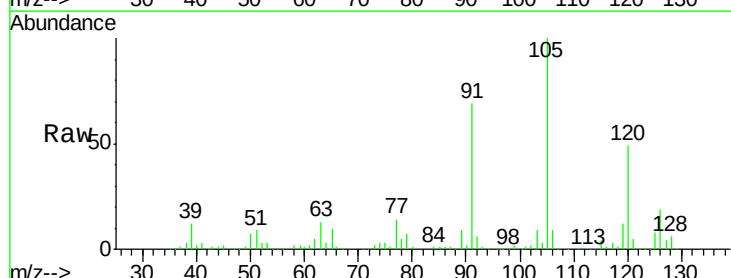
Acq: 27 Feb 2018 15:17

Tgt Ion: 105 Resp: 146820

Ion Ratio Lower Upper

105 100

120 49.3 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX000089.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000089.D (-1786) (-)

100000

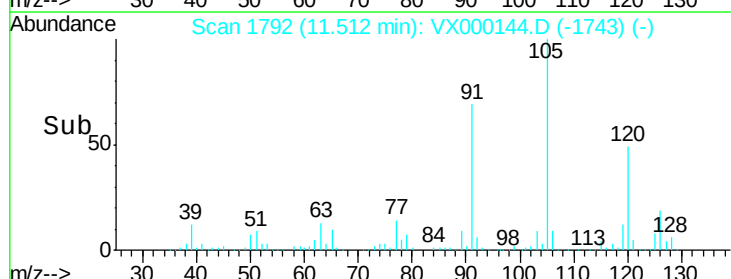
50000

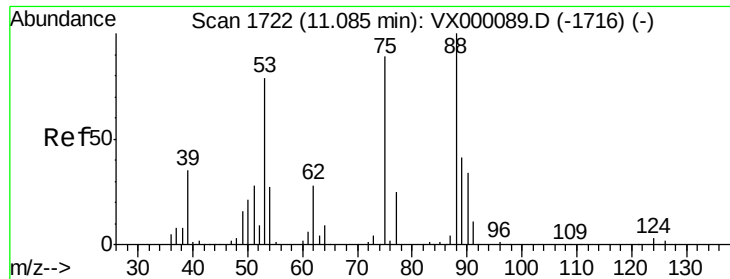
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11.51

11.60

Time-->





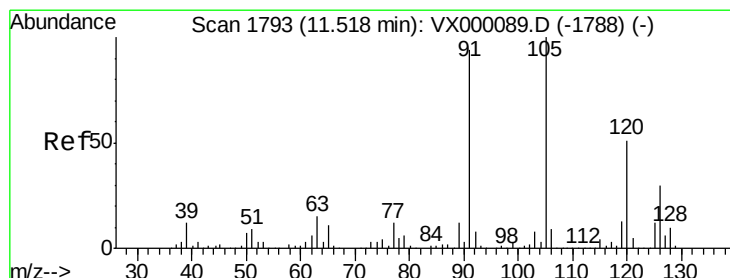
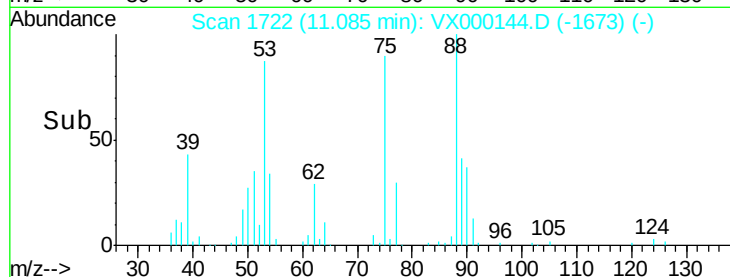
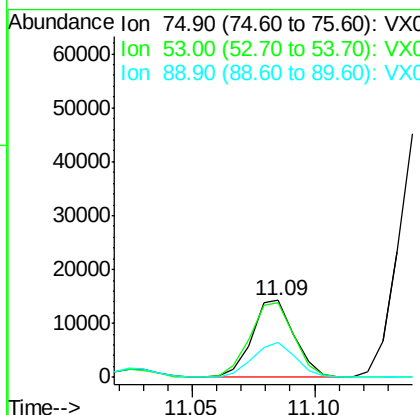
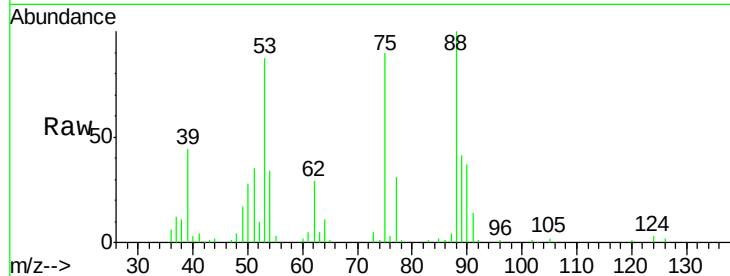
#81
trans-1,4-Dichloro-2-butene
Concen: 16.56 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Instrument :
ClientSampled :
VX0227WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.4	72.3	108.5
89	46.2	40.6	60.8

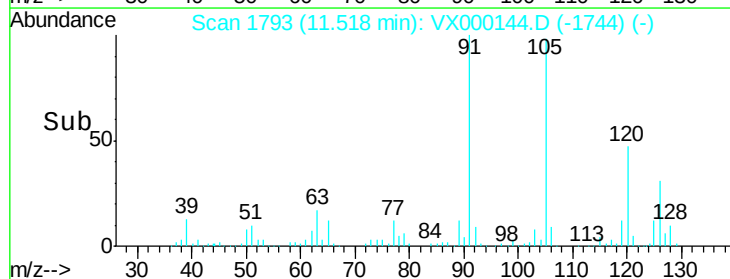
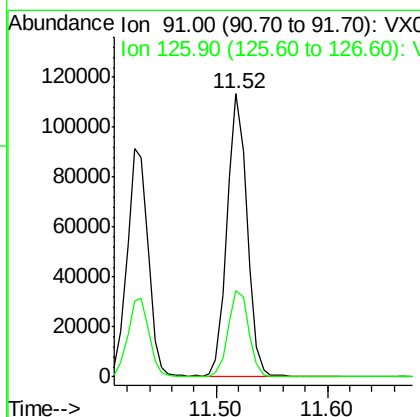
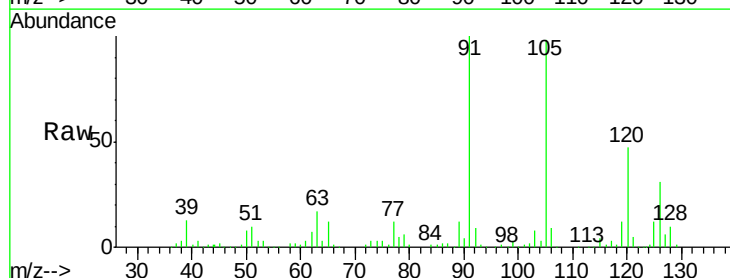
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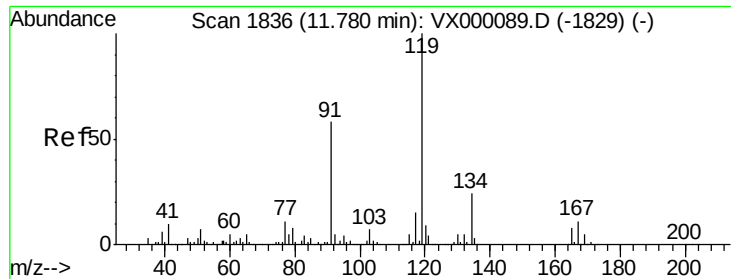
apatel
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#82
4-Chlorotoluene
Concen: 19.02 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000144.D
Acq: 27 Feb 2018 15:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	16.7	50.0





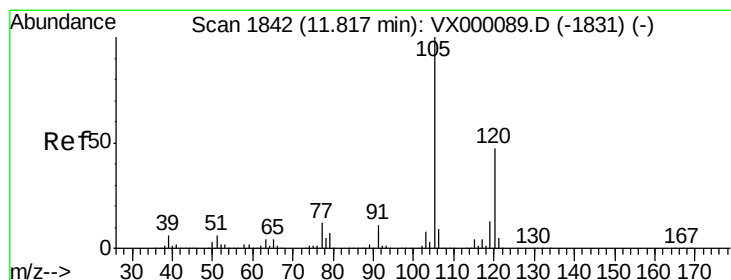
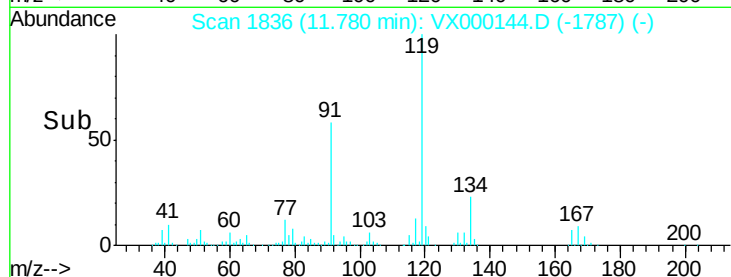
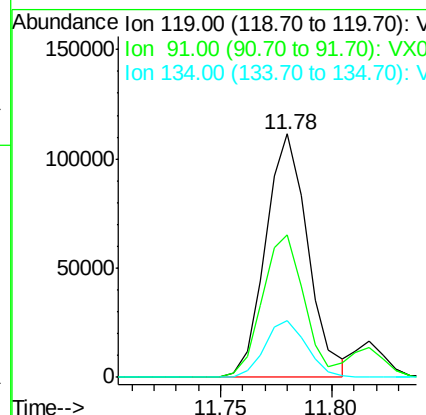
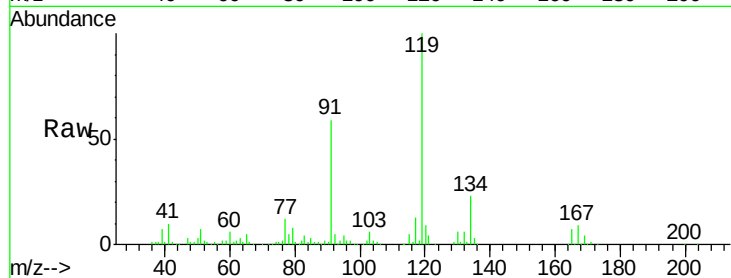
#83
 tert-Butylbenzene
 Concen: 18.83 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000144.D
 Acq: 27 Feb 2018 15:17

Instrument :
 ClientSampleId :
 VX0227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	146769		
91	57.5	28.4	85.2	
134	23.3	11.8	35.4	

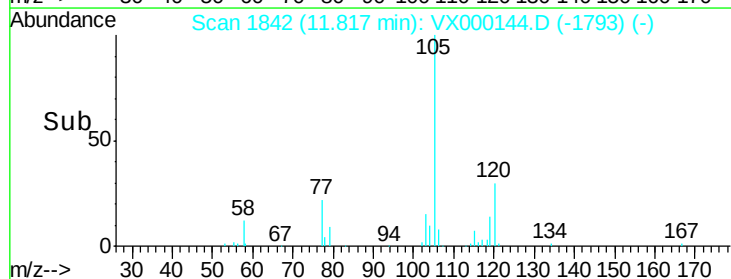
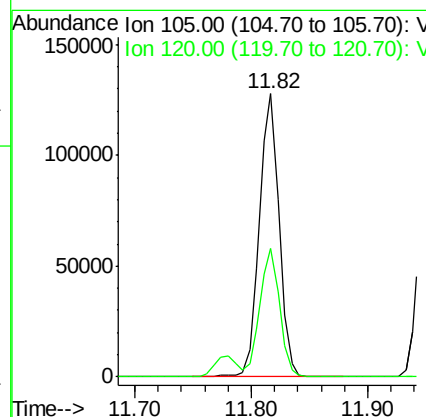
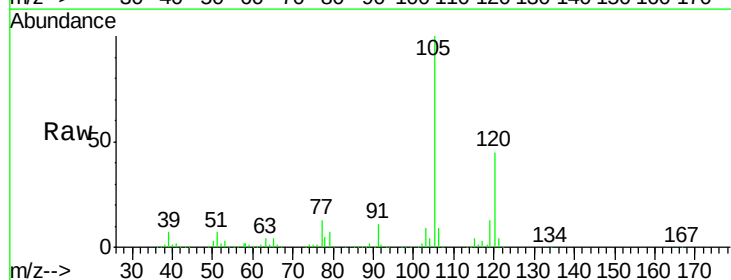
Manual Integrations
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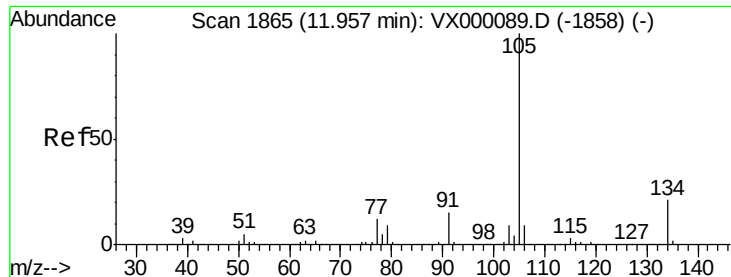
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.97 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000144.D
 Acq: 27 Feb 2018 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	152021		
120	45.3	23.1	69.2	





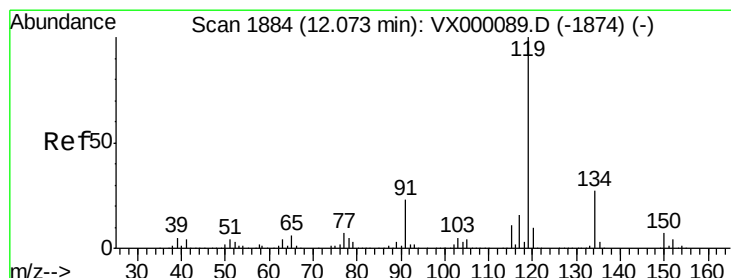
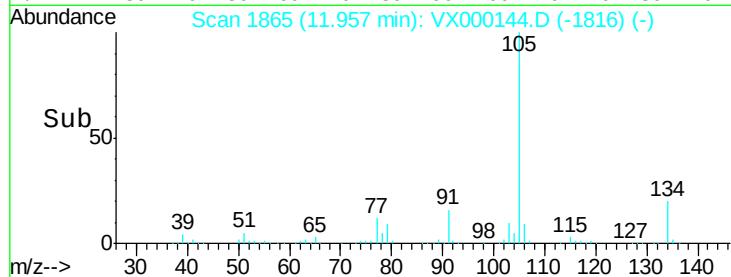
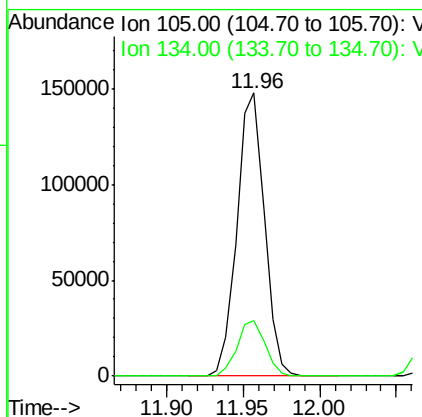
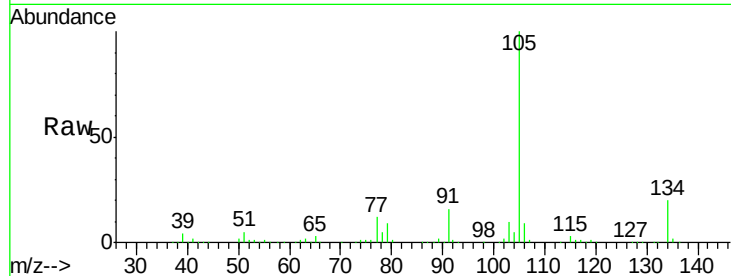
#85
 sec-Butylbenzene
 Concen: 19.01 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000144.D
 Acq: 27 Feb 2018 15:17

Instrument :
 ClientSampled :
 VX0227WBS01

Tot Ion:105 Resp: 184018
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.5 31.6

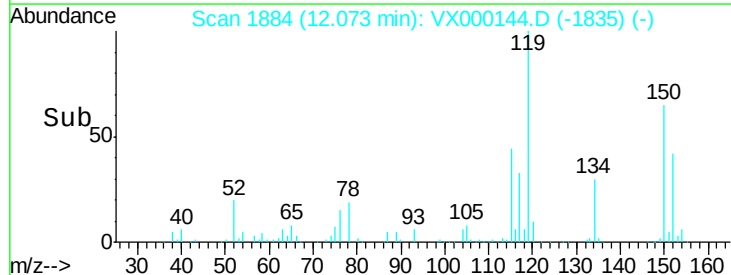
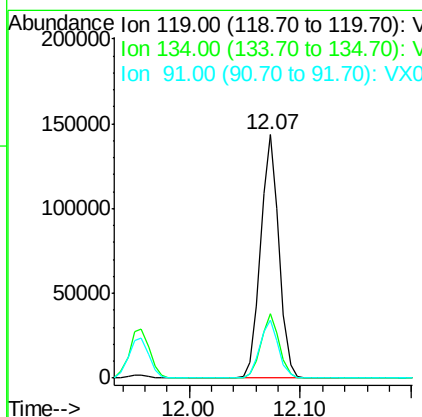
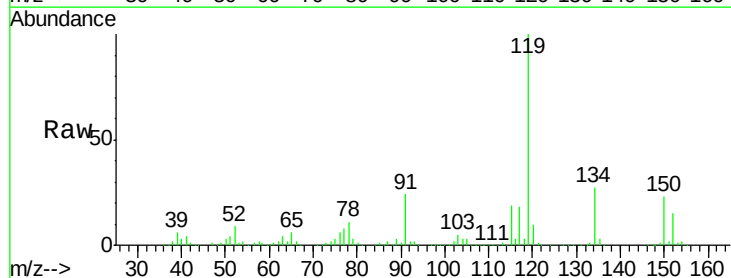
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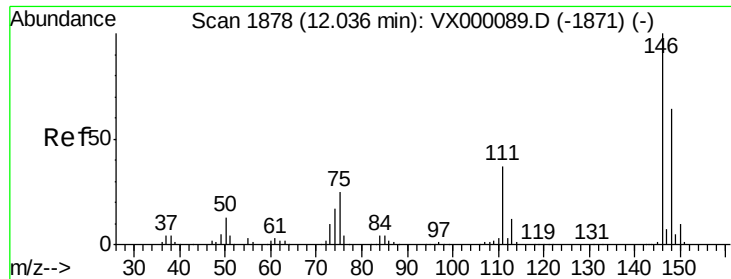
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#86
 p-Isopropyltoluene
 Concen: 19.17 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000144.D
 Acq: 27 Feb 2018 15:17

Tgt Ion:119 Resp: 165766
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.7 41.0
 91 24.2 11.7 35.0





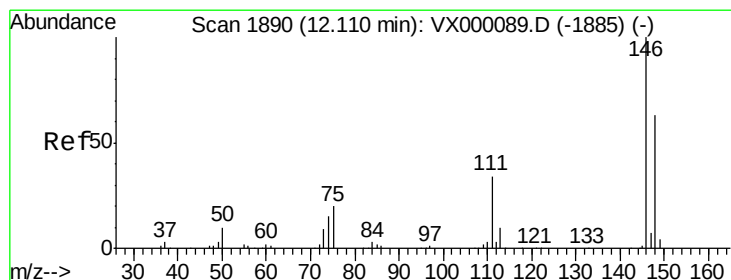
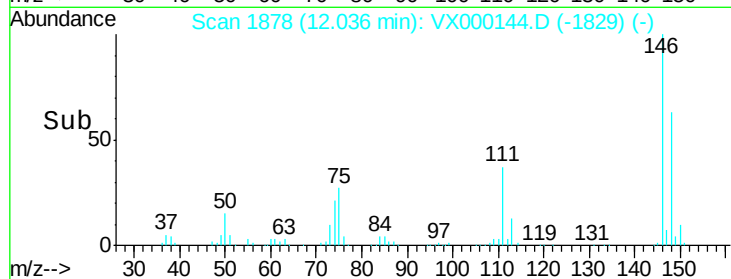
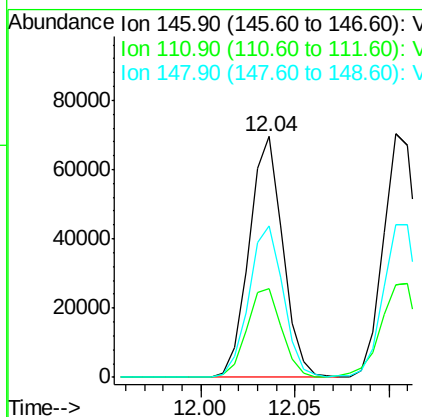
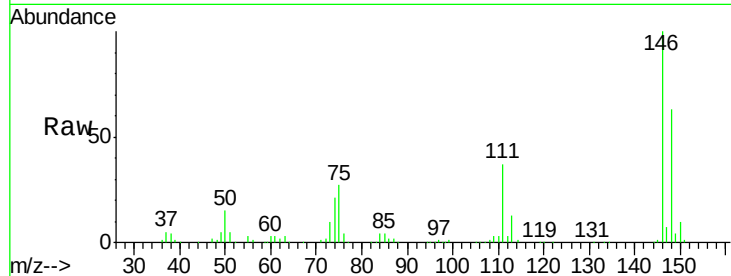
#87
 1,3-Dichlorobenzene
 Concen: 18.18 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000144.D
 Acq: 27 Feb 2018 15:17

Instrument :
 ClientSampled :
 VX0227WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.3
148	63.9	32.2	96.6

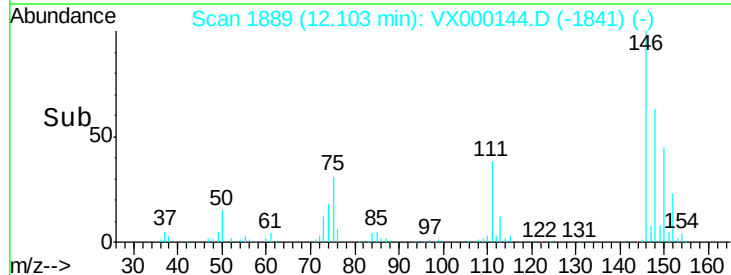
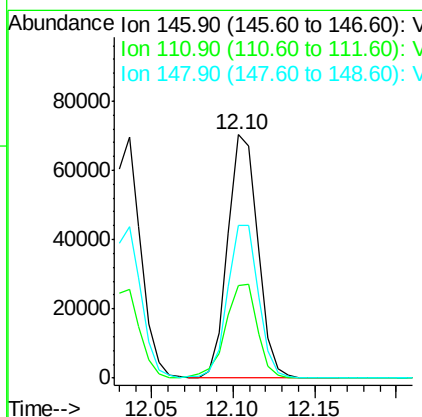
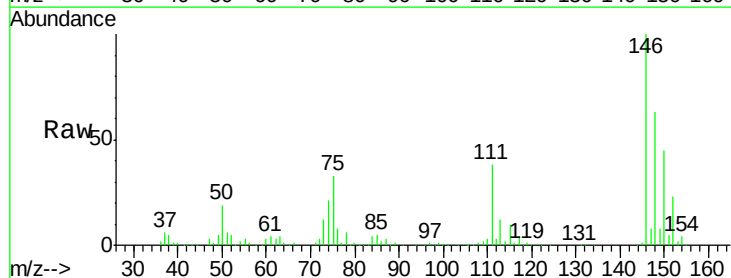
Manual Integrations
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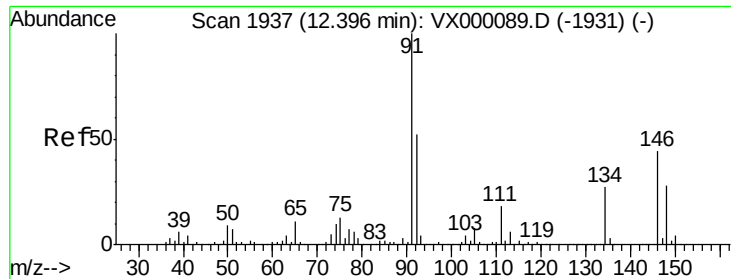
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#88
 1,4-Dichlorobenzene
 Concen: 18.40 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000144.D
 Acq: 27 Feb 2018 15:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	18.4	55.0
148	64.6	31.9	95.9





#89

n-Butylbenzene

Concen: 18.48 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

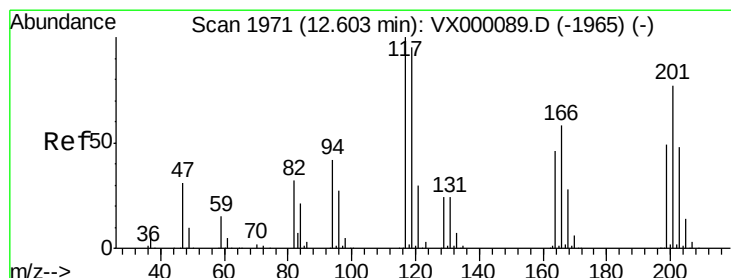
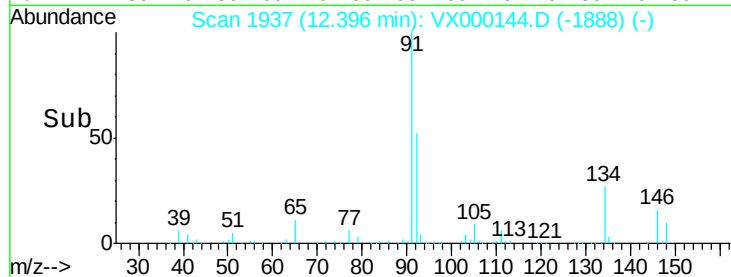
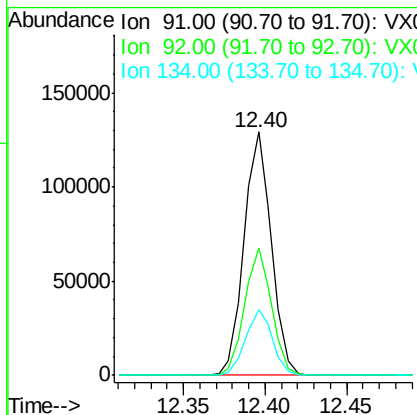
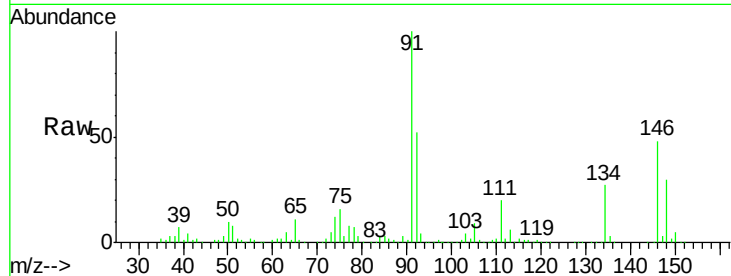
ClientSampleId :

VX0227WBS01

Tot Ion:	91	Resp:	150691
Ion Ratio	Lower	Upper	
91	100		
92	51.5	26.2	78.6
134	26.7	14.3	42.9

Manual Integrations
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#90

Hexachloroethane

Concen: 19.35 ug/l

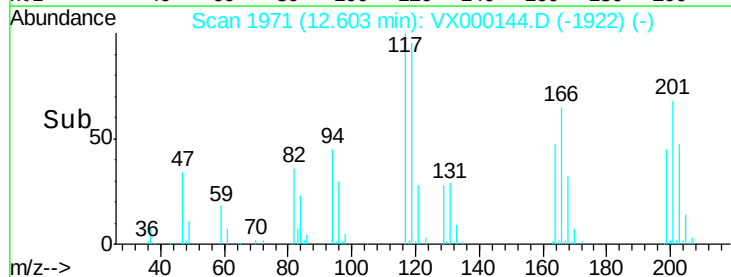
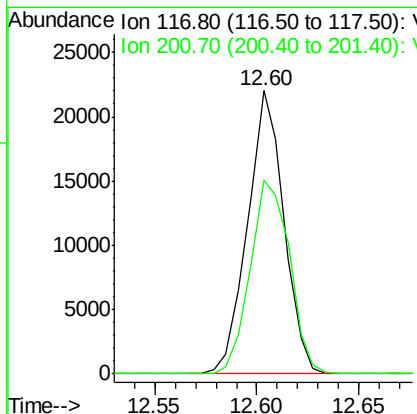
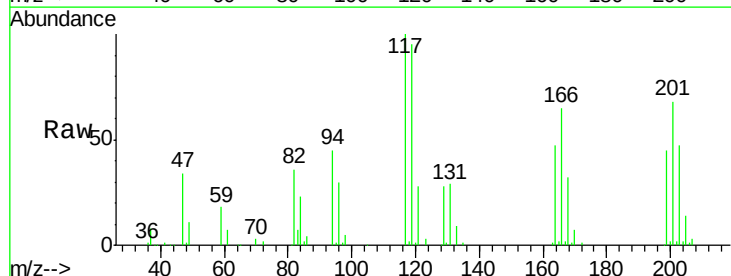
RT: 12.60 min Scan# 1971

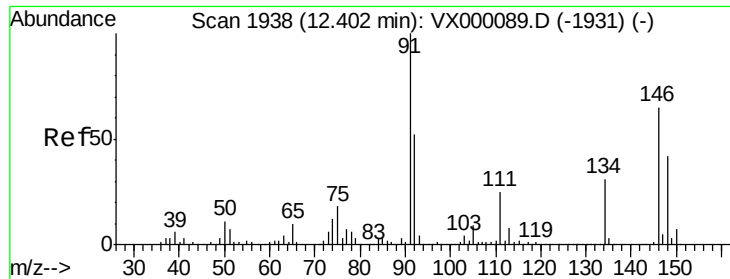
Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Tgt Ion:	117	Resp:	27245
Ion Ratio	Lower	Upper	
117	100		
201	74.0	41.1	123.4





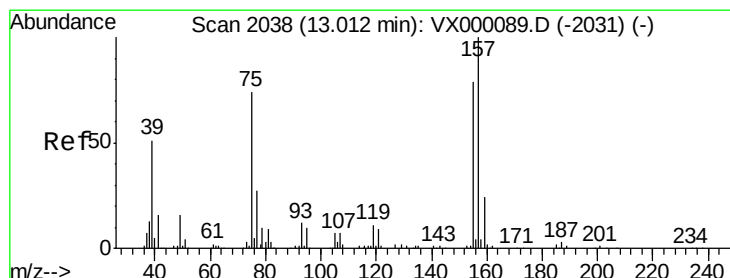
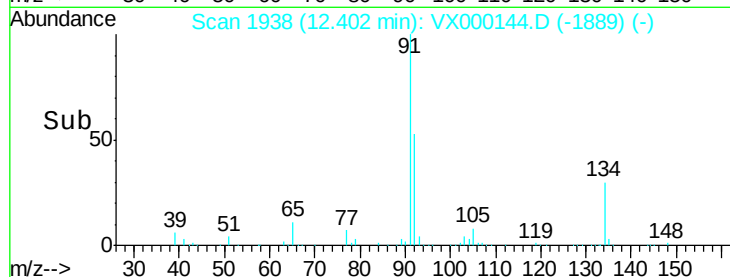
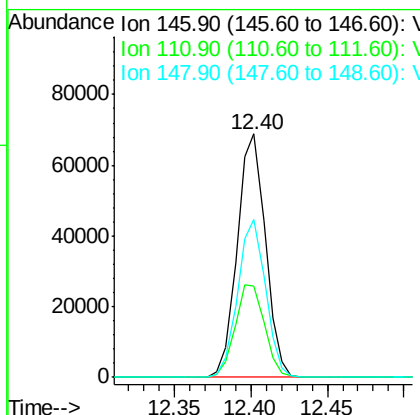
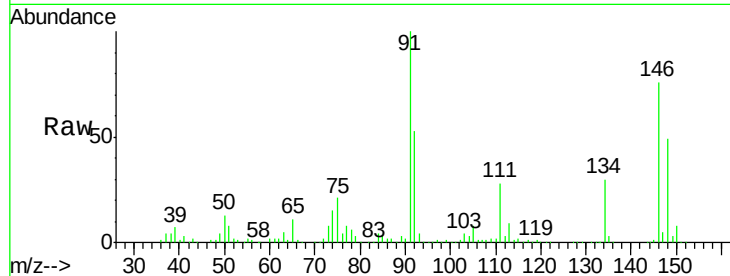
#91
 1,2-Dichlorobenzene
 Concen: 18.80 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000144.D
 Acq: 27 Feb 2018 15:17

Instrument :
 ClientSampled :
 VX0227WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.8
148	64.2	32.4	97.0

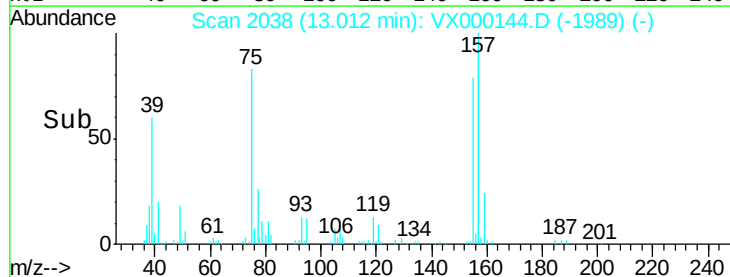
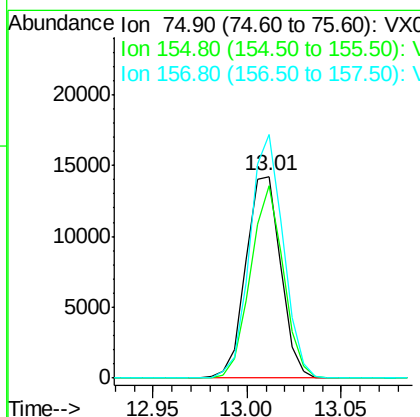
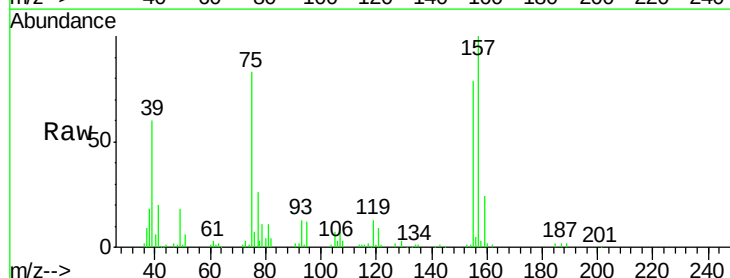
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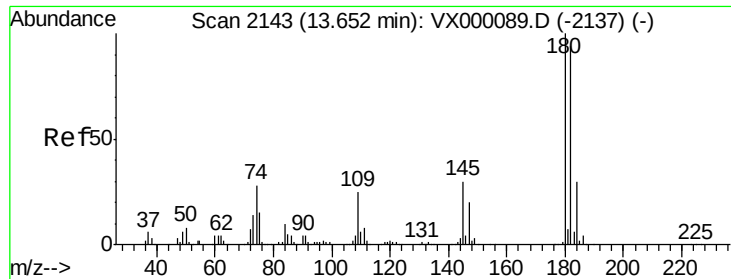
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.68 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000144.D
 Acq: 27 Feb 2018 15:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.9	49.3	147.9
157	115.5	63.7	191.1





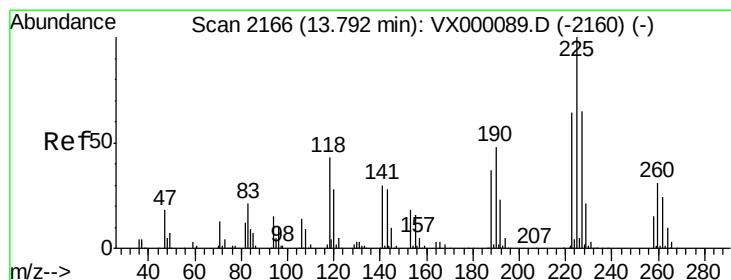
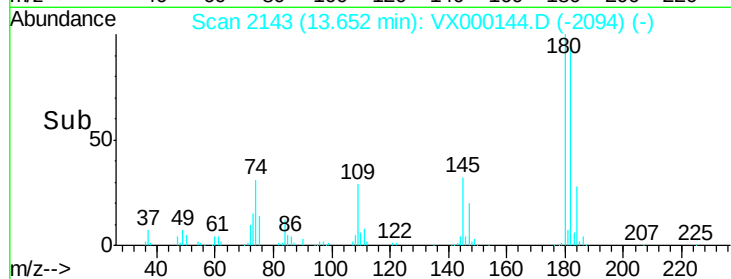
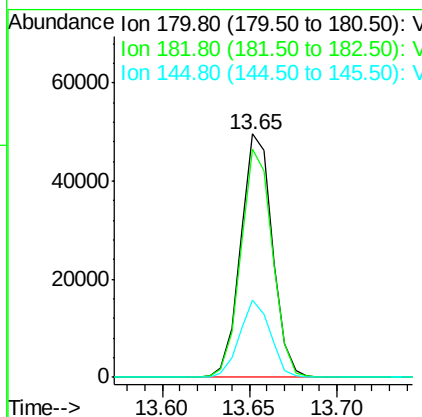
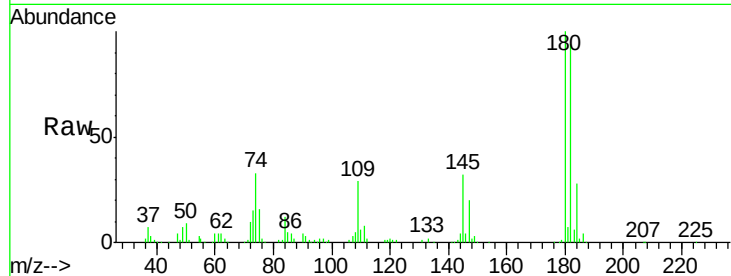
#93
 1,2,4-Trichlorobenzene
 Concen: 17.78 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000144.D
 Acq: 27 Feb 2018 15:17

Instrument :
 ClientSampled :
 VX0227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	62331		
182	92.9		47.8	143.4
145	30.8		14.7	44.1

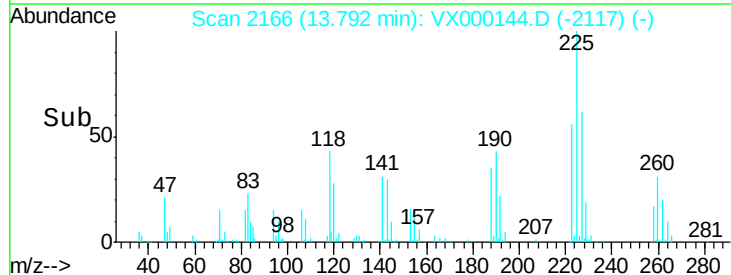
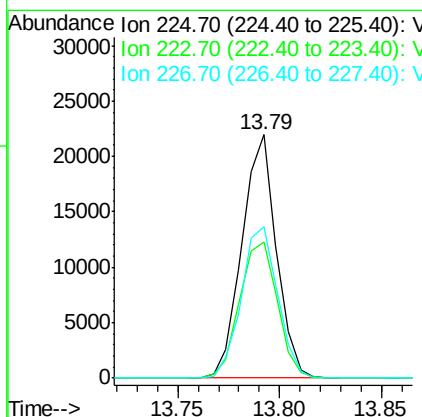
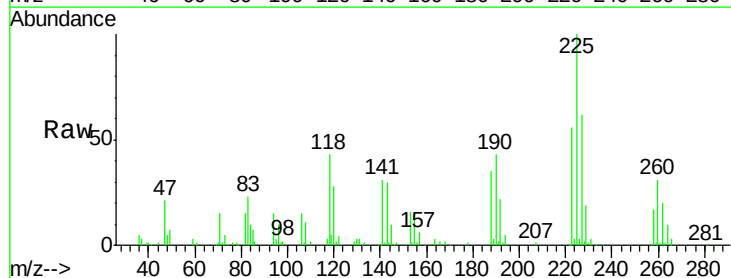
Manual Integrations
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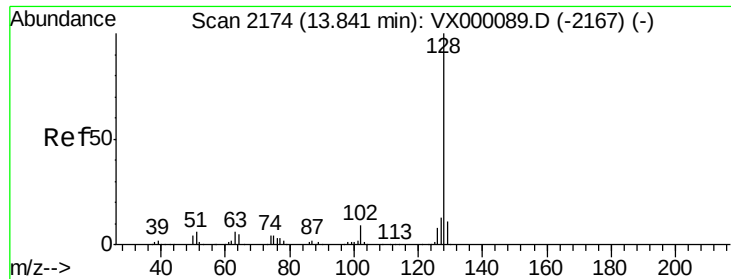
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#94
 Hexachlorobutadiene
 Concen: 16.80 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000144.D
 Acq: 27 Feb 2018 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	25701		
223	61.3		31.9	95.7
227	65.7		32.8	98.4





#95

Naphthalene

Concen: 19.00 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Instrument :

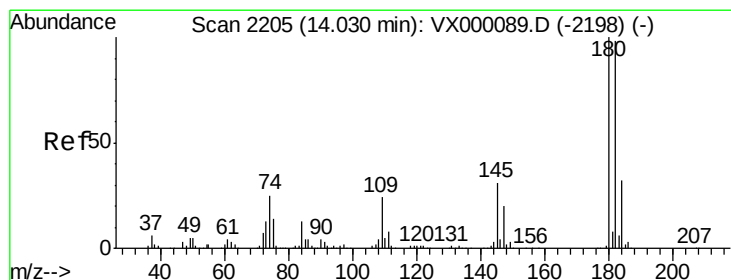
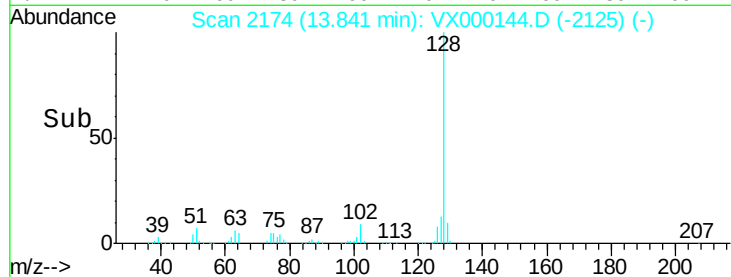
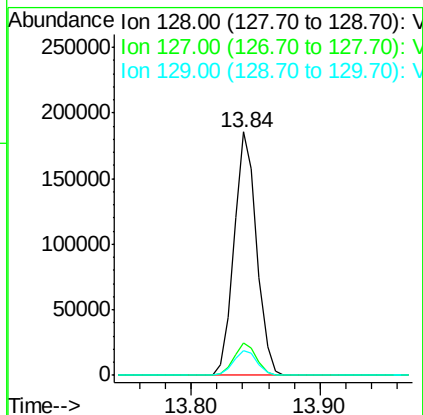
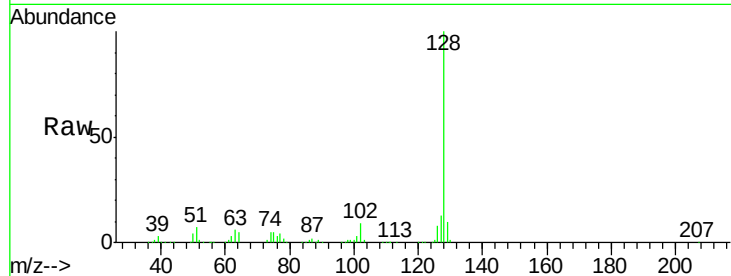
ClientSampleId :

VX0227WBS01

Tot Ion:	128	Resp:	225763
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.6	8.7	13.1

Manual Integrations
APPROVED

apatel
2/28/2018 3:54:45 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.49 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000144.D

Acq: 27 Feb 2018 15:17

Tgt Ion:	180	Resp:	63978
Ion Ratio	Lower	Upper	
180	100		
182	92.3	48.2	144.6
145	31.6	15.3	45.9

