

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021518\
 Data File : VX000098.D
 Acq On : 15 Feb 2018 14:29
 Operator : JC/MD
 Sample : MDL07 2.00PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 MDL07 2.00PPB

Manual Integrations
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 2/16/2018 4:51:02 PM

Quant Time: Feb 16 05:13:37 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	5.68	168	108803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	179271	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	174298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	91229	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	69881	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
35) Dibromofluoromethane	5.51	113	55067	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
50) Toluene-d8	8.73	98	218269	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	11.15	95	81774	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	2062	1.84	ug/l	97
3) Chloromethane	1.32	50	2282	2.08	ug/l	93
4) Vinyl Chloride	1.40	62	2668	2.18	ug/l	99
5) Bromomethane	1.64	94	2913	0.77	ug/l	94
6) Chloroethane	1.73	64	1972	2.40	ug/l	91
7) Trichlorofluoromethane	1.93	101	4959	2.27	ug/l	95
8) Diethyl Ether	2.20	74	1656	2.19	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2599	2.12	ug/l	97
10) Methyl Iodide	2.52	142	2109	1.57	ug/l	99
11) Tert butyl alcohol	3.07	59	6364	12.15	ug/l	97
12) 1,1-Dichloroethene	2.38	96	2495	2.19	ug/l	94
13) Acrolein	2.30	56	2968	11.87	ug/l	93
14) Allyl chloride	2.73	41	4910	2.57	ug/l	96
15) Acrylonitrile	3.15	53	9845	11.01	ug/l	99
16) Acetone	2.45	43	10378	11.78	ug/l #	83
17) Carbon Disulfide	2.57	76	6586	1.96	ug/l	98
18) Methyl Acetate	2.79	43	4840	2.34	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	8401	2.15	ug/l #	86
20) Methylene Chloride	2.87	84	2675	0.72	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	2778	2.25	ug/l #	89
22) Diisopropyl ether	3.89	45	7295	2.19	ug/l	96
23) Vinyl Acetate	3.83	43	33462	10.80	ug/l	95
24) 1,1-Dichloroethane	3.71	63	4971	2.52	ug/l #	92
25) 2-Butanone	4.73	43	13235	10.76	ug/l	99
26) 2,2-Dichloropropane	4.60	77	3579	2.09	ug/l	91
27) cis-1,2-Dichloroethene	4.62	96	2564	2.18	ug/l	99
28) Bromochloromethane	5.03	49	1725	1.95	ug/l #	89
29) Tetrahydrofuran	5.20	42	8696	10.85	ug/l	99
30) Chloroform	5.23	83	4472	2.15	ug/l	88
31) Cyclohexane	5.58	56	3600	2.12	ug/l	93
32) 1,1,1-Trichloroethane	5.51	97	3671	1.92	ug/l	96
36) 1,1-Dichloropropene	5.81	75	3640	2.26	ug/l	92
37) Ethyl Acetate	4.88	43	4882	2.21	ug/l	95
38) Carbon Tetrachloride	5.79	117	3612	2.08	ug/l	87

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Manual Integrations
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 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)
39) Methylcyclohexane	7.47	83	4010	2.07	ug/l #	92
40) Benzene	6.15	78	9759	2.12	ug/l	96
41) Methacrylonitrile	5.08	41	2553	1.90	ug/l	93
42) 1,2-Dichloroethane	6.21	62	3509	2.08	ug/l	93
43) Isopropyl Acetate	6.49	43	6297	1.98	ug/l	99
44) Trichloroethene	7.23	130	2801	2.07	ug/l	96
45) 1,2-Dichloropropane	7.53	63	2353	2.09	ug/l	100
46) Dibromomethane	7.67	93	1764	2.01	ug/l	95
47) Bromodichloromethane	7.91	83	3364	2.07	ug/l	97
48) Methyl methacrylate	7.79	41	3240	2.07	ug/l	94
49) 1,4-Dioxane	7.77	88	1680	41.01	ug/l	98
51) 4-Methyl-2-Pentanone	8.67	43	23157	9.94	ug/l	96
52) Toluene	8.79	92	6405	2.09	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	3714	1.95	ug/l	93
54) cis-1,3-Dichloropropene	9.05	75	3395	1.79	ug/l #	83
55) 1,1,2-Trichloroethane	9.23	97	2604	2.05	ug/l	92
56) Ethyl methacrylate	9.20	69	3860	1.98	ug/l	94
57) 1,3-Dichloropropane	9.38	76	4336	2.15	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	9721	9.87	ug/l	97
59) 2-Hexanone	9.51	43	19751	10.01	ug/l	98
60) Dibromochloromethane	9.59	129	2590	1.80	ug/l	94
61) 1,2-Dibromoethane	9.68	107	2765	1.96	ug/l	99
64) Tetrachloroethene	9.34	164	2767	2.18	ug/l	91
65) Chlorobenzene	10.15	112	7376	2.00	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.23	131	2332	1.81	ug/l #	65
67) Ethyl Benzene	10.26	91	12303	1.99	ug/l	91
68) m/p-Xylenes	10.37	106	9659	3.95	ug/l	98
69) o-Xylene	10.71	106	4533	1.92	ug/l	95
70) Styrene	10.72	104	6982	1.81	ug/l	95
71) Bromoform	10.87	173	1785	1.53	ug/l #	88
73) Isopropylbenzene	11.03	105	12286	2.12	ug/l	99
74) N-amyl acetate	6.49	43	6297	2.16	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	4220	2.10	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	3895m	2.06	ug/l	
77) Bromobenzene	11.26	156	3369	2.15	ug/l	97
78) n-propylbenzene	11.37	91	14966	2.20	ug/l	99
79) 2-Chlorotoluene	11.43	91	8514	2.18	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	10032	2.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	980m	1.48	ug/l	
82) 4-Chlorotoluene	11.52	91	10407	2.21	ug/l	96
83) tert-Butylbenzene	11.78	119	10302	2.09	ug/l	96
84) 1,2,4-Trimethylbenzene	11.82	105	10422	2.05	ug/l	98
85) sec-Butylbenzene	11.96	105	13167	2.15	ug/l	97
86) p-Isopropyltoluene	12.07	119	11535	2.11	ug/l	97
87) 1,3-Dichlorobenzene	12.04	146	5967	1.98	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	6619	2.13	ug/l	87
89) n-Butylbenzene	12.40	91	10894	2.11	ug/l	98
90) Hexachloroethane	12.60	117	1631	1.83	ug/l	92
91) 1,2-Dichlorobenzene	12.40	146	5847	1.98	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1104	1.98	ug/l	95

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MDL07 2.00PPB

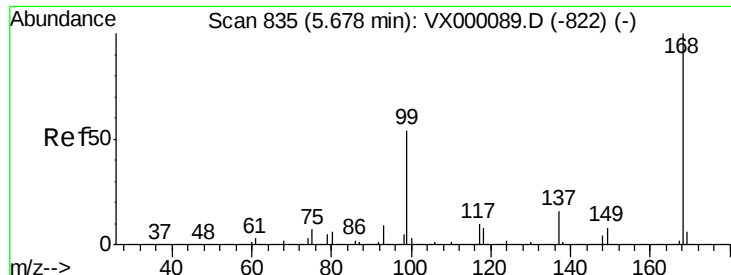
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Quant Time: Feb 16 05:13:37 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	4355	1.96	ug/l	95
94) Hexachlorobutadiene	13.79	225	2014	2.08	ug/l	91
95) Naphthalene	13.84	128	15106	2.01	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	4395	2.01	ug/l	94

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



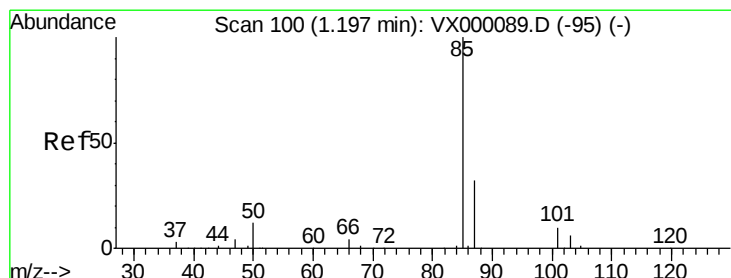
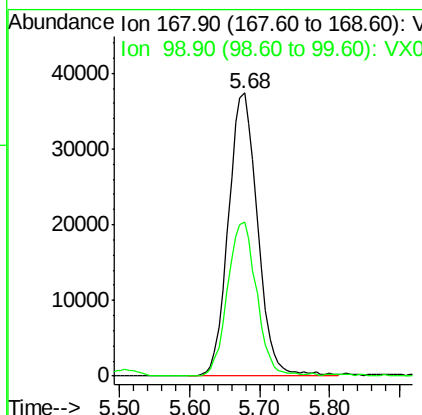
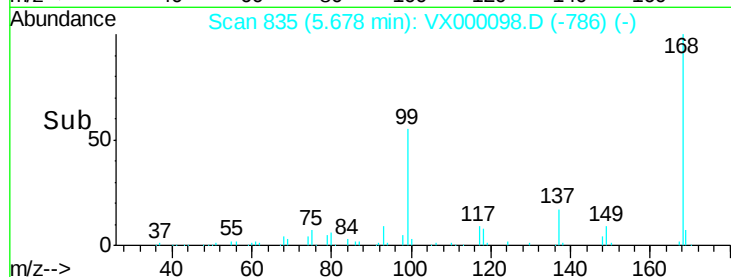
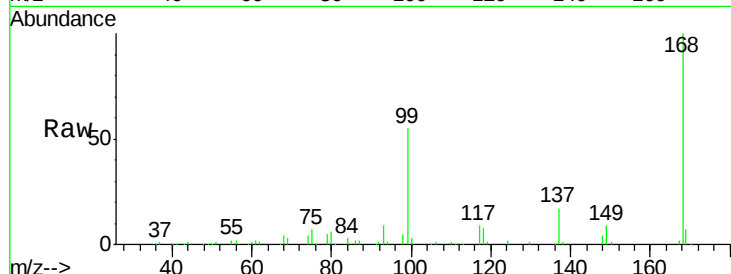
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Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Instrument :
Client Sampled :
MDL07 2.00PPB

Tot Ion:168 Resp: 108803
Ion Ratio Lower Upper
168 100
99 54.6 43.1 64.7

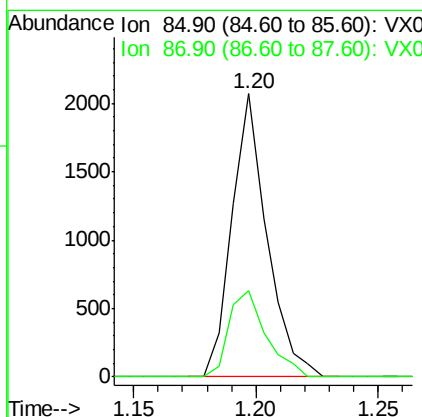
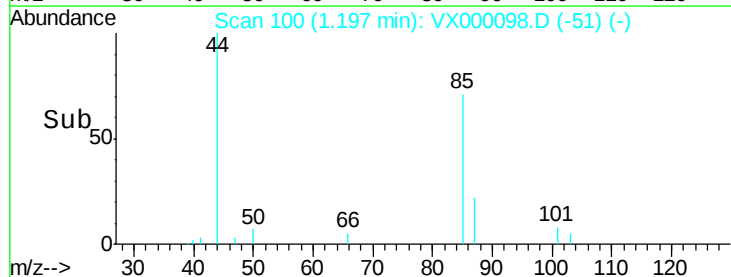
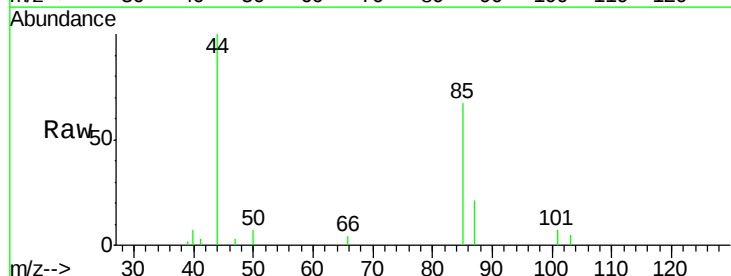
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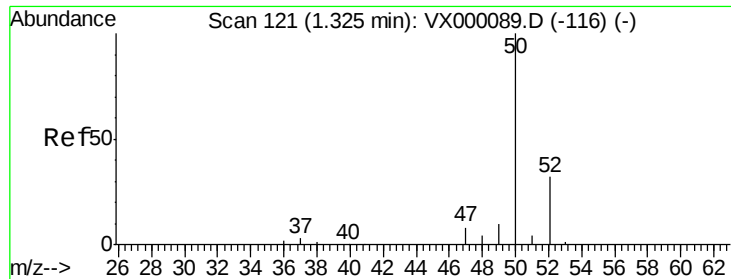
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#2
Dichlorodifluoromethane
Concen: 1.84 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Tgt Ion: 85 Resp: 2062
Ion Ratio Lower Upper
85 100
87 30.6 16.1 48.2





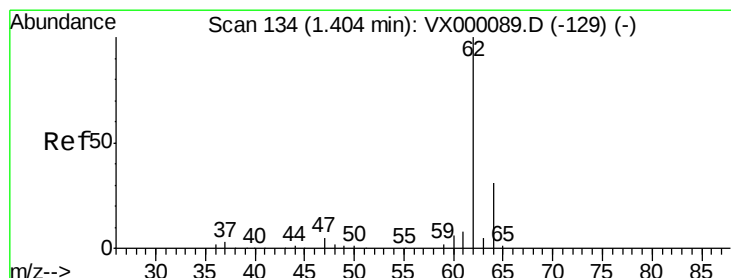
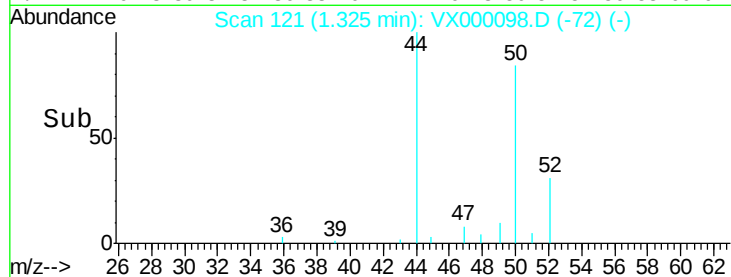
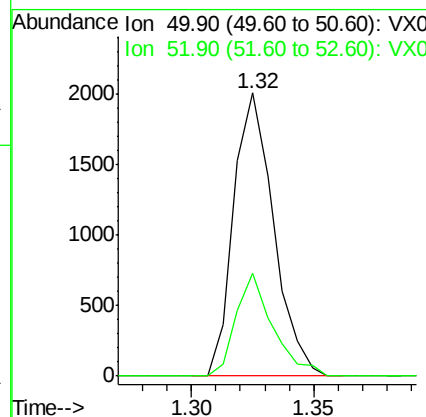
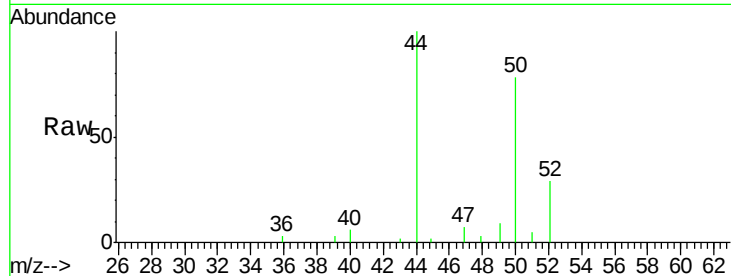
#3
 Chloromethane
 Concen: 2.08 ug/l
 RT: 1.32 min Scan# 121
 Delta R.T. 0.00 min
 Lab File: VX000089.D
 Acq: 15 Feb 2018 14:29

Instrument :
 ClientSampled :
 MDL07 2.00PPB

Tot Ion	Ratio	Lower	Upper
50	100		
52	36.5	25.9	38.9

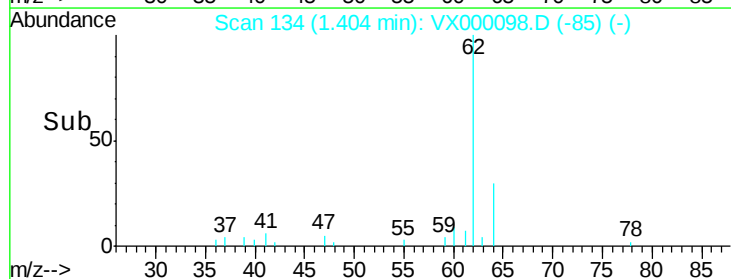
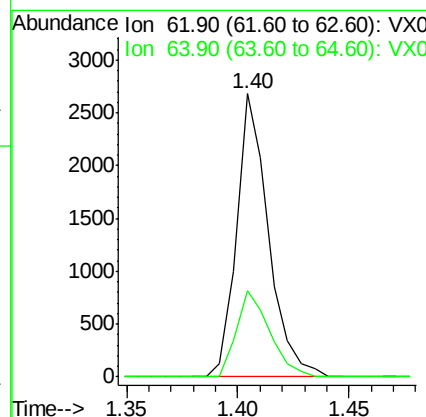
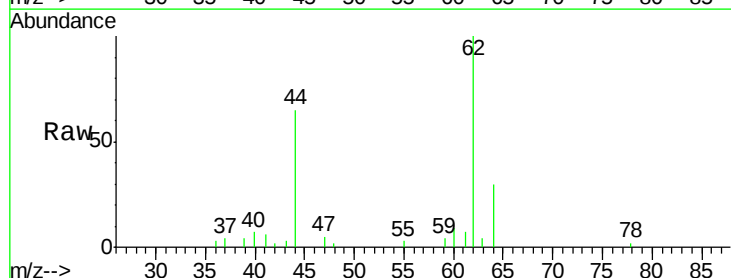
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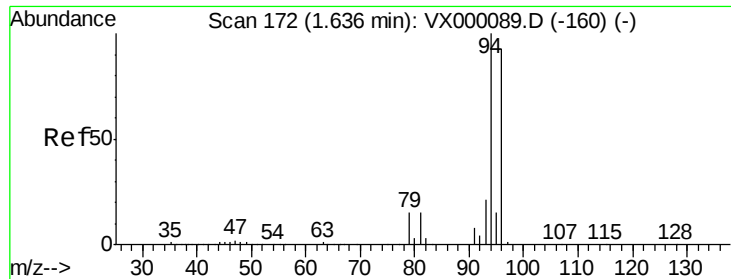
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#4
 Vinyl Chloride
 Concen: 2.18 ug/l
 RT: 1.40 min Scan# 134
 Delta R.T. -0.00 min
 Lab File: VX000089.D
 Acq: 15 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
62	100		
64	30.3	24.6	37.0





#5

Bromomethane

Concen: 0.77 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX000098.D

Acq: 15 Feb 2018 14:29

Instrument :

ClientSampled :

MDL07 2.00PPB

Tot Ion: 94 Resp: 2913

Ion Ratio Lower Upper

94 100

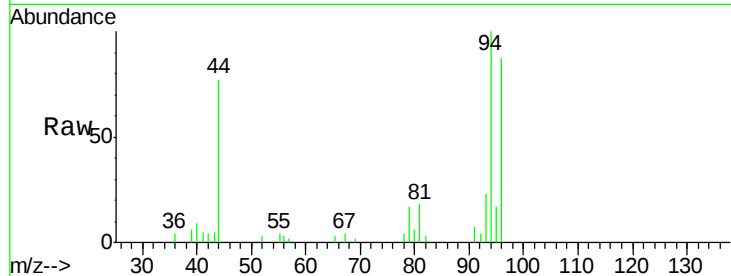
96 87.2 74.6 112.0

Manual Integrations

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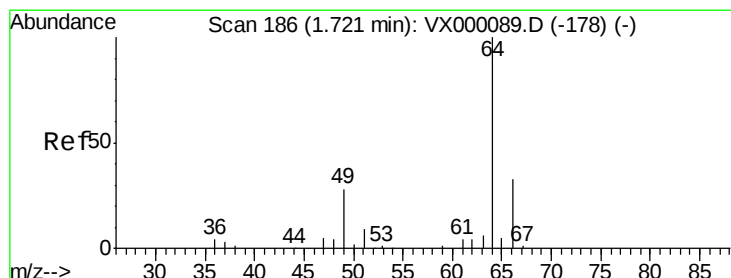
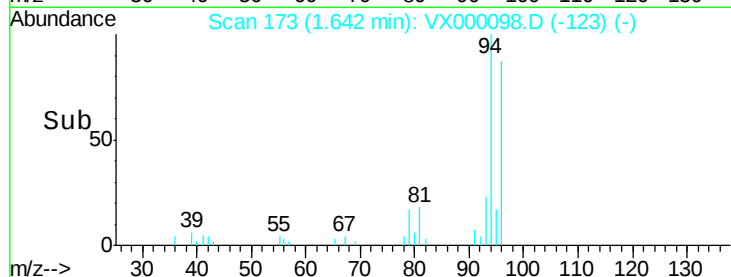
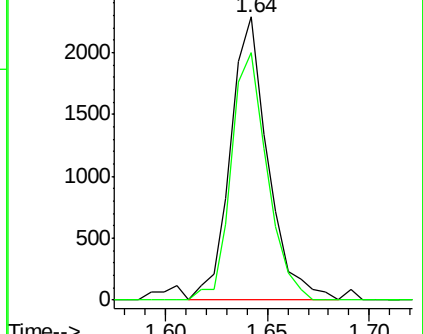
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 2.40 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000098.D

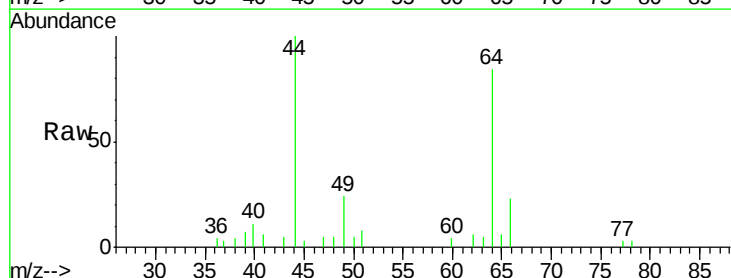
Acq: 15 Feb 2018 14:29

Tgt Ion: 64 Resp: 1972

Ion Ratio Lower Upper

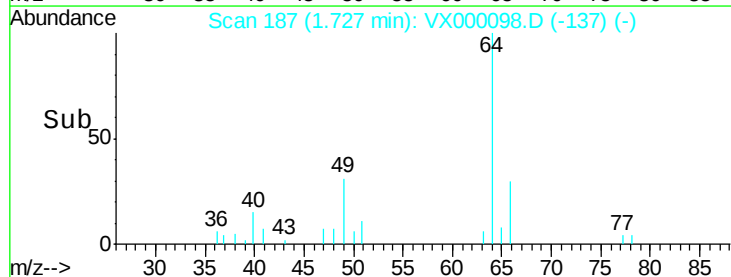
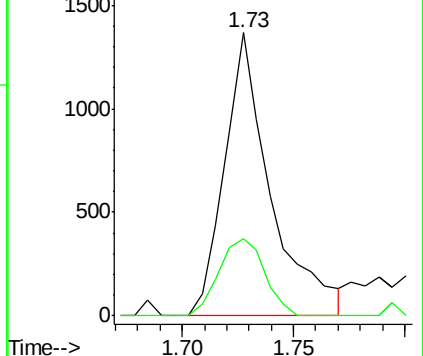
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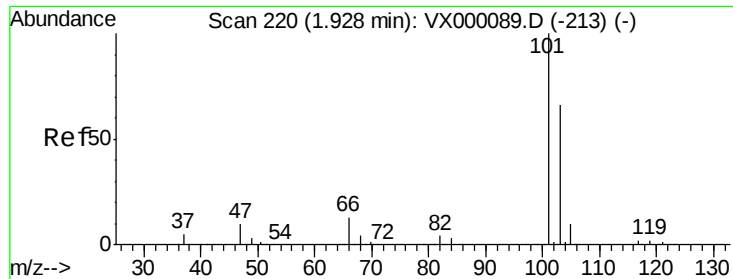
66 27.4 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

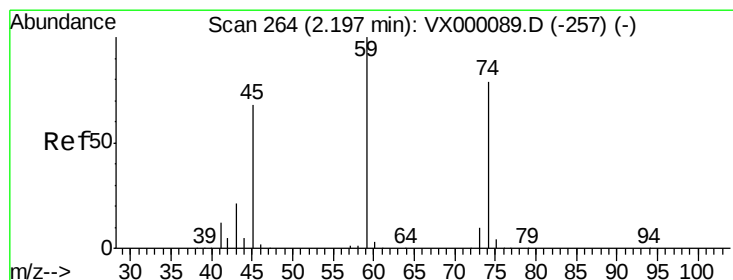
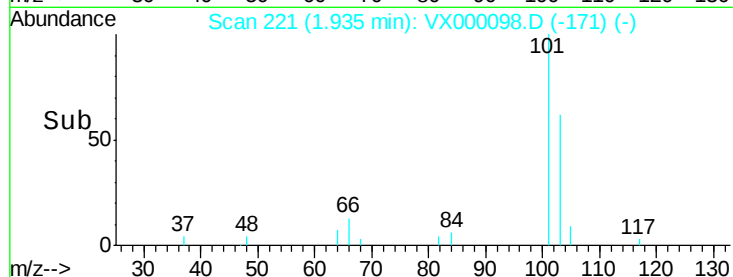
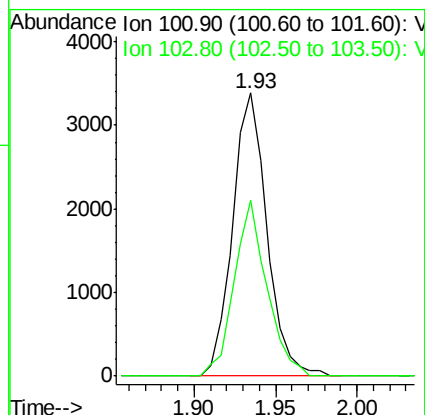
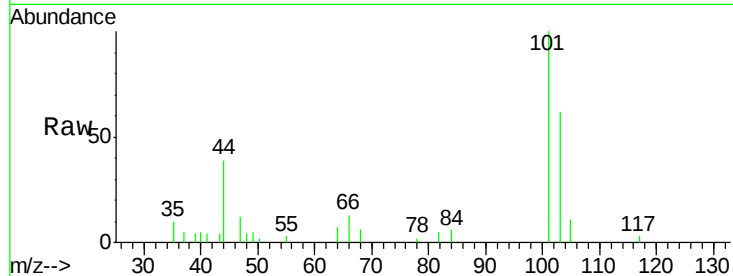
Trichlorofluoromethane
Concen: 2.27 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 2.00PPB

Tot Ion:101 Resp: 4959
Ion Ratio Lower Upper
101 100
103 61.9 52.7 79.1

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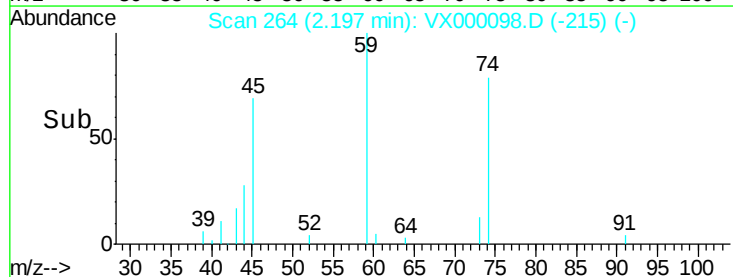
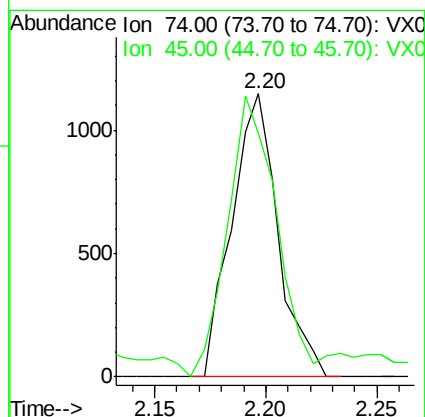
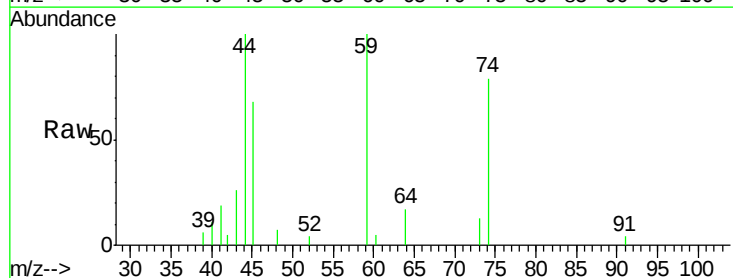
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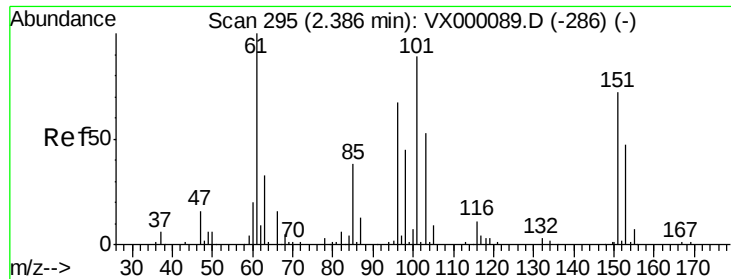


#8

Diethyl Ether
Concen: 2.19 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Tgt Ion: 74 Resp: 1656
Ion Ratio Lower Upper
74 100
45 106.5 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.12 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000098.D

Acq: 15 Feb 2018 14:29

Instrument :

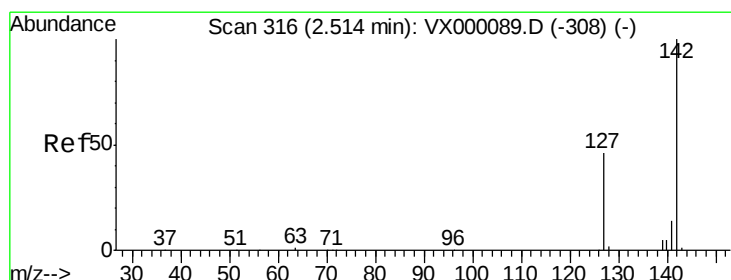
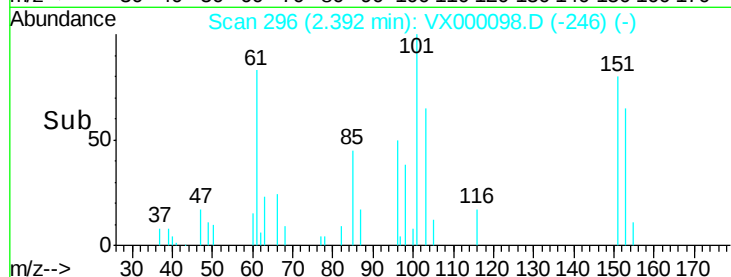
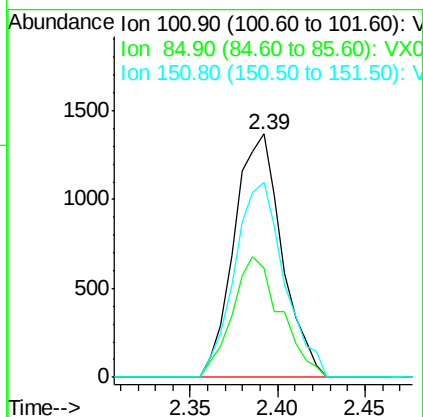
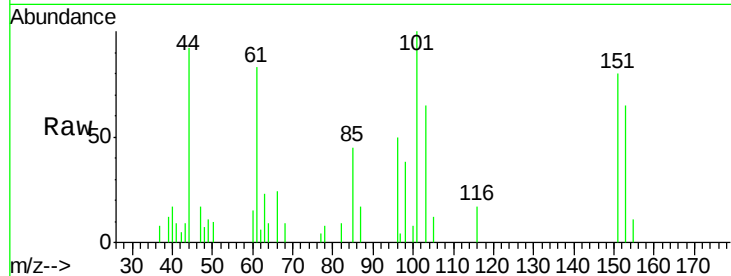
ClientSampled :

MDL07 2.00PPB

Tot Ion:	101	Resp:	2599
Ion Ratio	Lower	Upper	
101	100		
85	50.0	36.7	55.1
151	83.3	65.8	98.6

Manual Integrations
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#10

Methyl Iodide

Concen: 1.57 ug/l

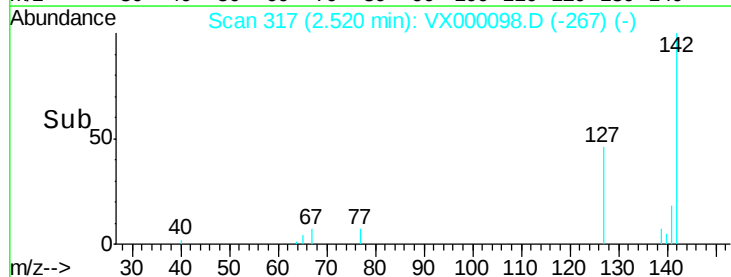
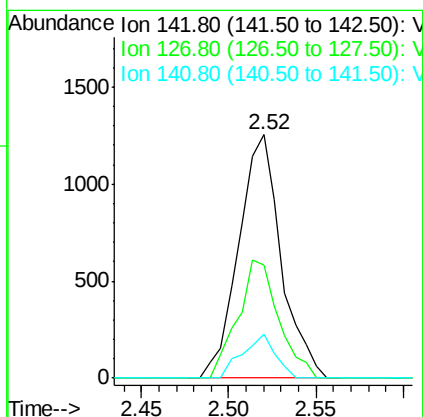
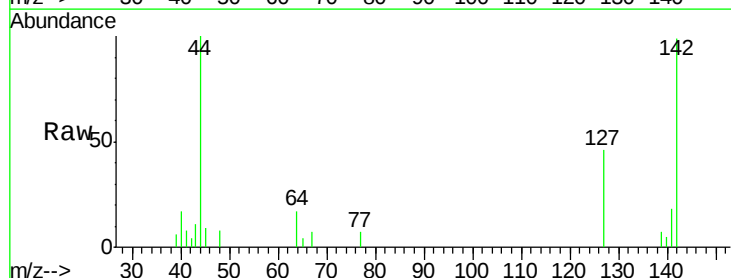
RT: 2.52 min Scan# 317

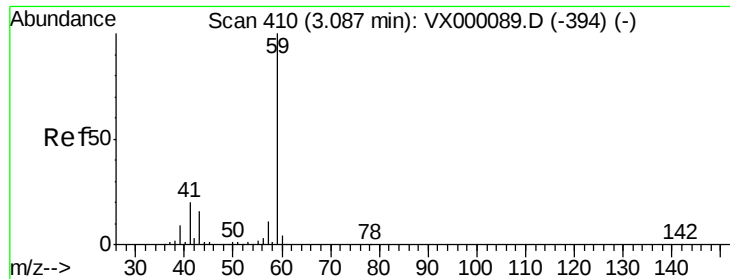
Delta R.T. 0.01 min

Lab File: VX000098.D

Acq: 15 Feb 2018 14:29

Tgt Ion:	142	Resp:	2109
Ion Ratio	Lower	Upper	
142	100		
127	46.5	36.8	55.2
141	13.9	11.6	17.4





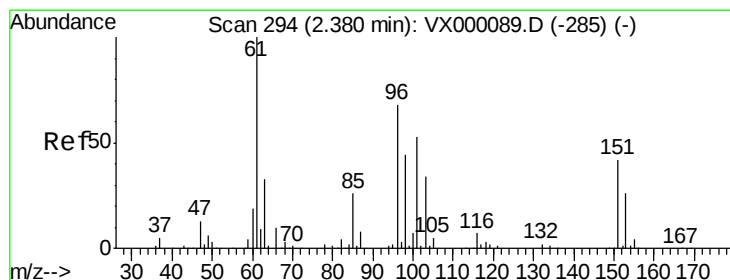
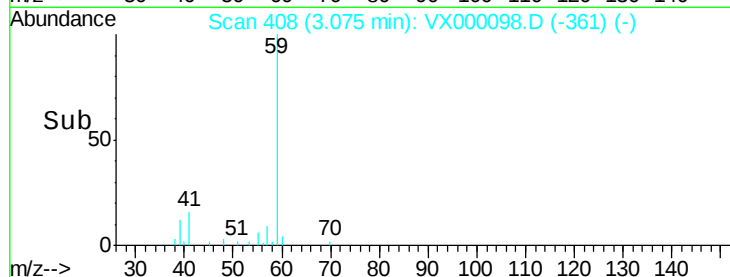
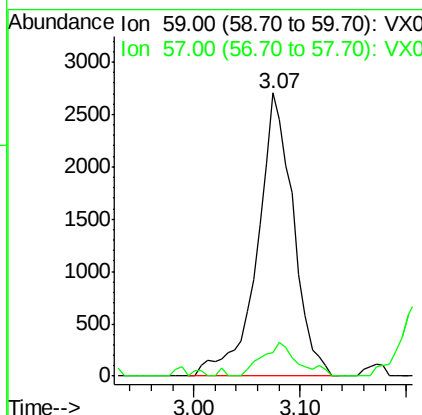
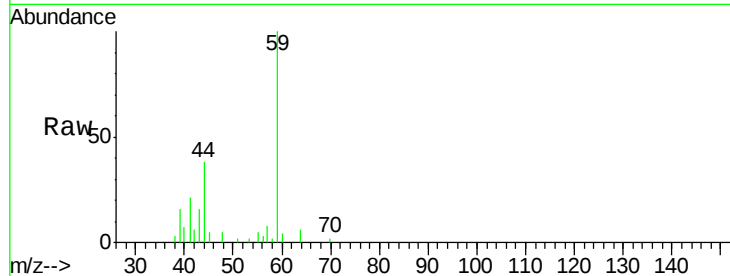
#11
Tert butyl alcohol
Concen: 12.15 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Instrument :
Client Sampled :
MDL07 2.00PPB

Tot Ion: 59 Resp: 6364
Ion Ratio Lower Upper
59 100
57 11.7 8.3 12.5

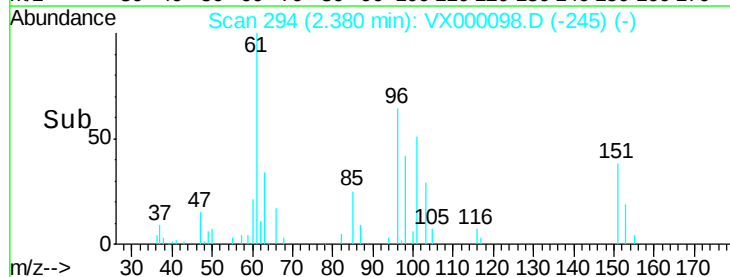
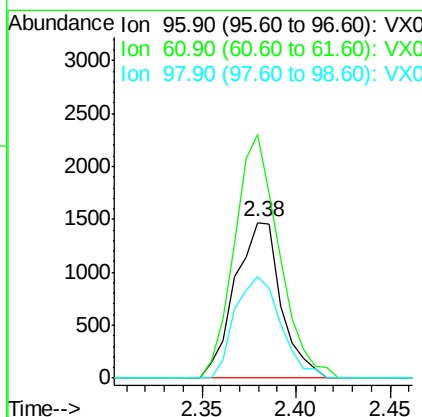
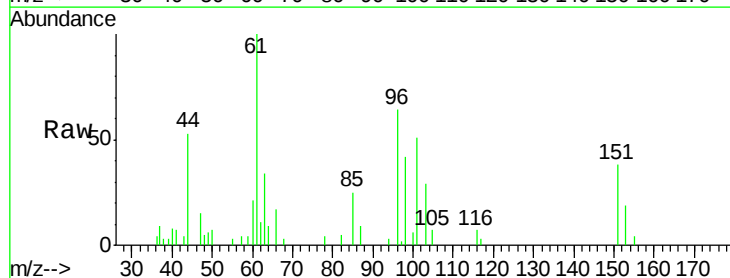
Manual Integrations
APPROVED

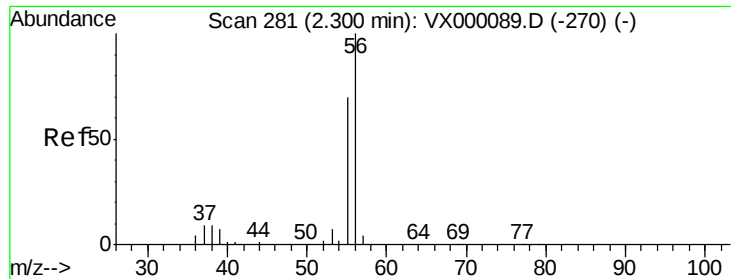
sam
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#12
1,1-Dichloroethene
Concen: 2.19 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Tgt Ion: 96 Resp: 2495
Ion Ratio Lower Upper
96 100
61 156.2 117.7 176.5
98 65.2 51.3 76.9





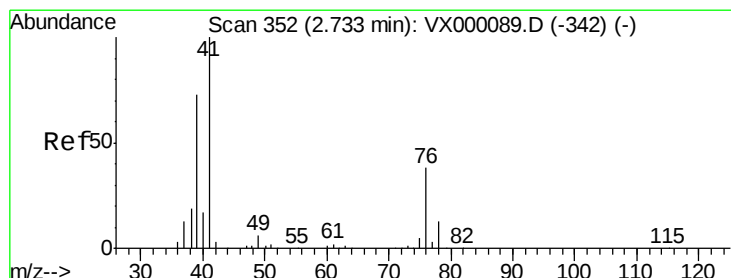
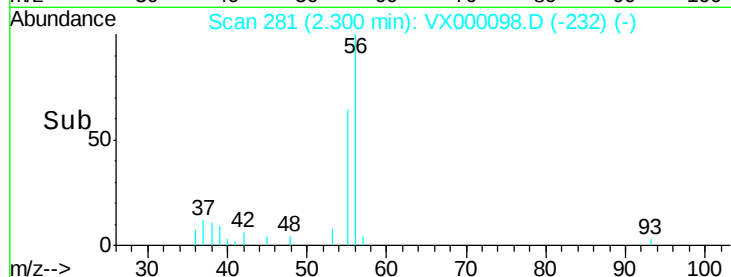
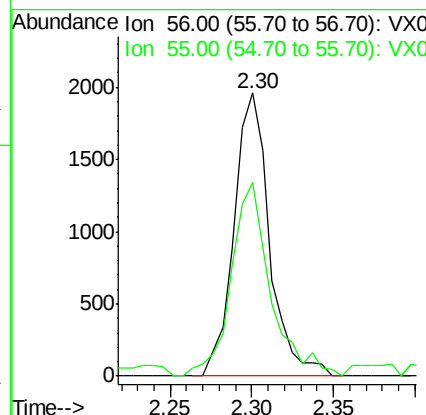
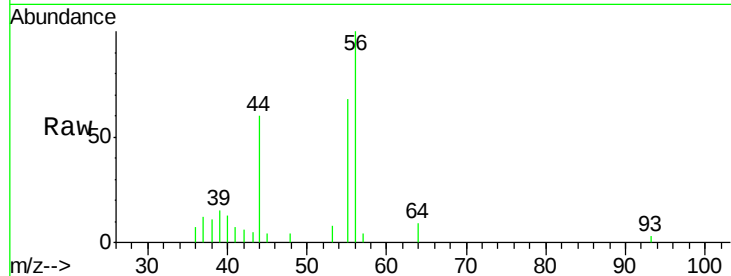
#13
 Acrolein
 Concen: 11.87 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: VX000089.D
 Acq: 15 Feb 2018 14:29

Instrument :
 ClientSampled :
 MDL07 2.00PPB

Tot Ion	56	55	Ratio	100	75.8	Resp:	2968	Lower	56.2	Upper	84.4
Ion											

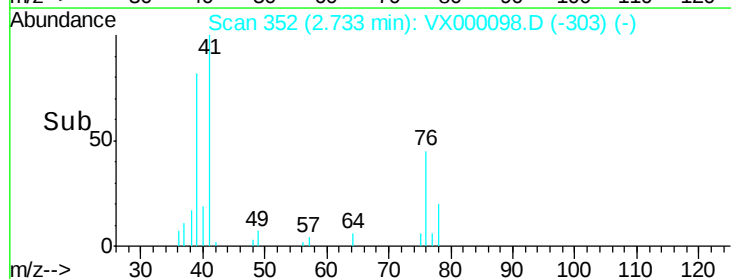
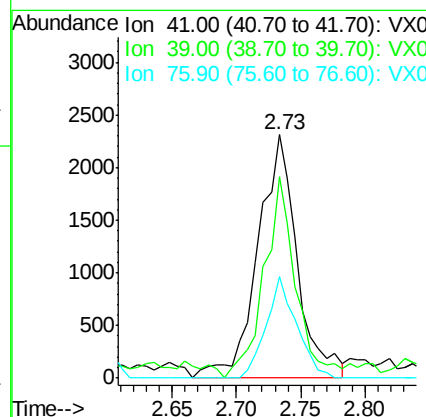
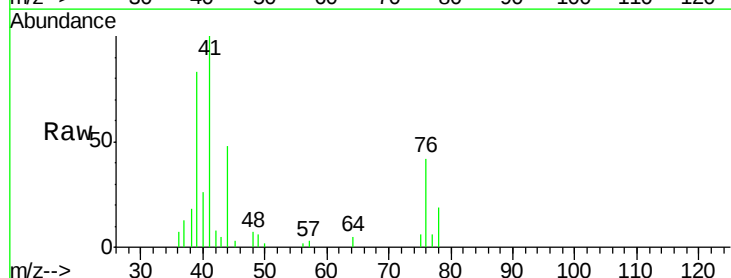
Manual Integrations
 APPROVED

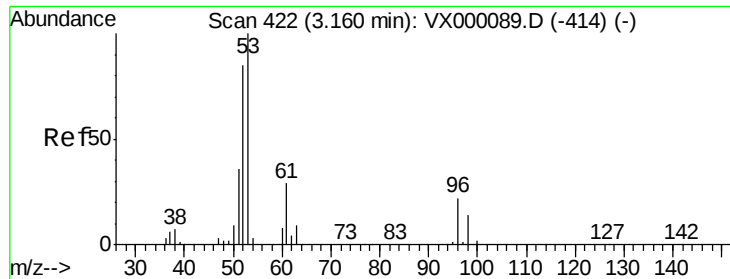
sam
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#14
 Allyl chloride
 Concen: 2.57 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX000089.D
 Acq: 15 Feb 2018 14:29

Tgt Ion	41	39	76	Ratio	100	66.4	32.2	Resp:	4910	Lower	55.1	Upper	82.7	42.7
Ion														





#15

Acrylonitrile

Concen: 11.01 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000098.D

Acq: 15 Feb 2018 14:29

Instrument :

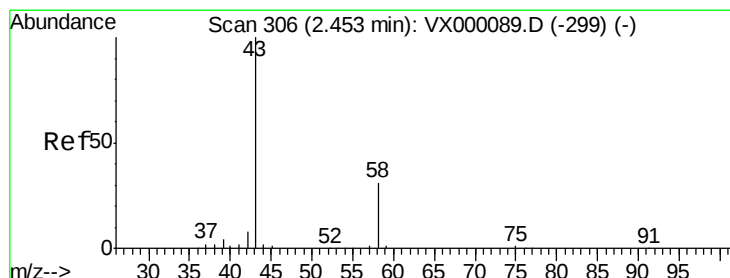
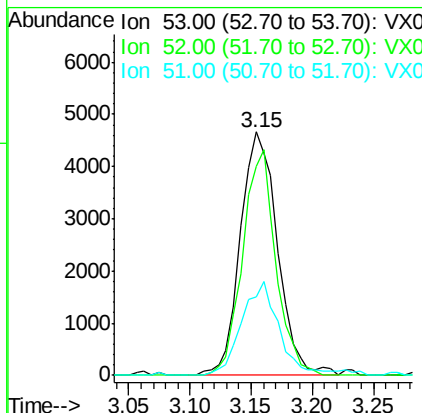
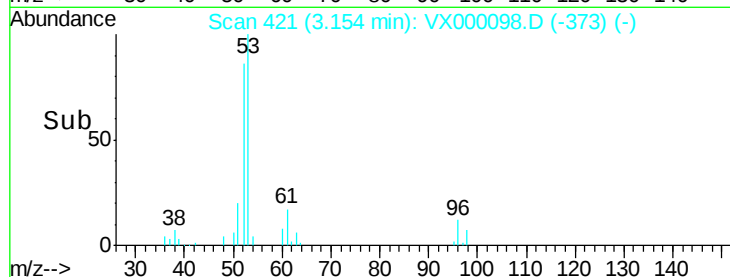
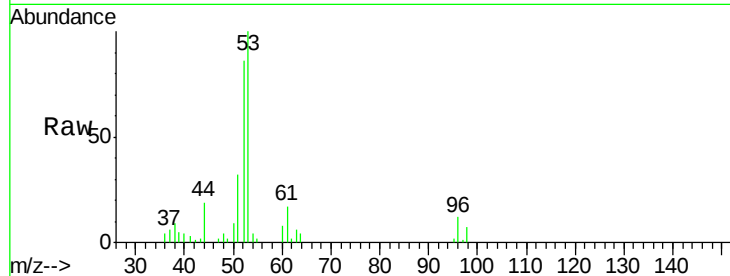
ClientSampled :

MDL07 2.00PPB

Tot Ion:	53	Resp:	9845
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.5	99.7
51	38.3	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 11.78 ug/l

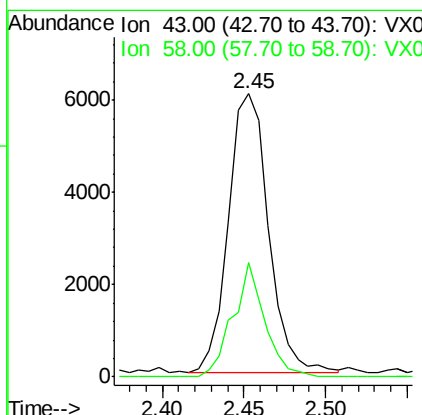
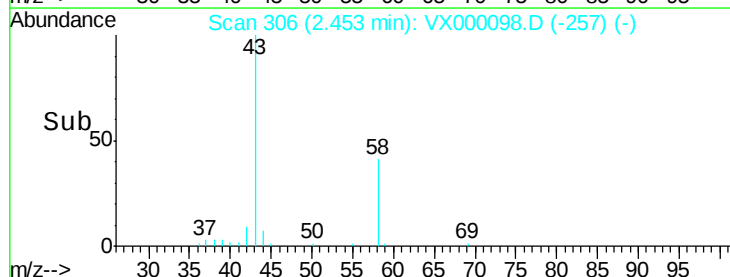
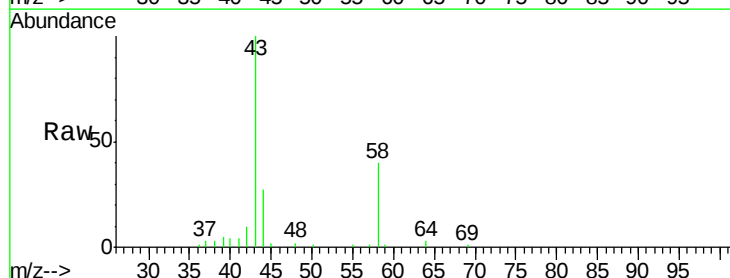
RT: 2.45 min Scan# 306

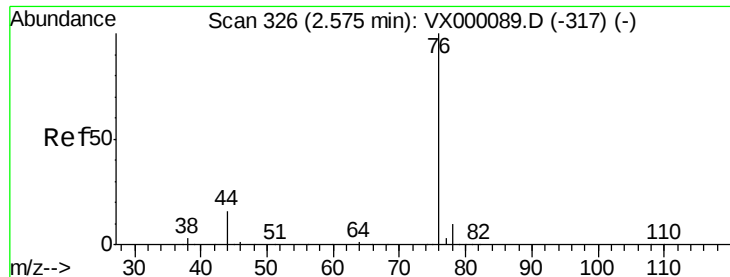
Delta R.T. -0.00 min

Lab File: VX000098.D

Acq: 15 Feb 2018 14:29

Tgt Ion:	43	Resp:	10378
Ion Ratio	Lower	Upper	
43	100		
58	40.8	25.0	37.4#





#17

Carbon Disulfide

Concen: 1.96 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000089.D

Acq: 15 Feb 2018 14:29

Instrument :

ClientSampled :

MDL07 2.00PPB

Tot Ion: 76 Resp: 6586

Ion Ratio Lower Upper

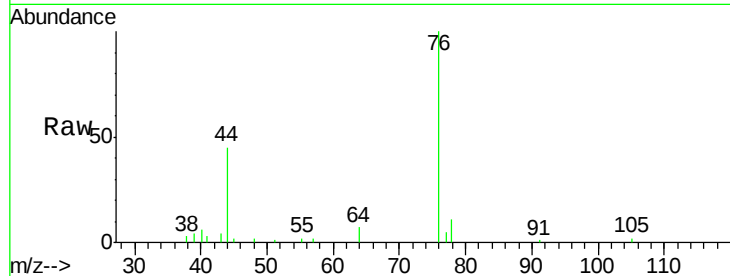
76 100

78 9.2 7.8 11.8

Manual Integrations
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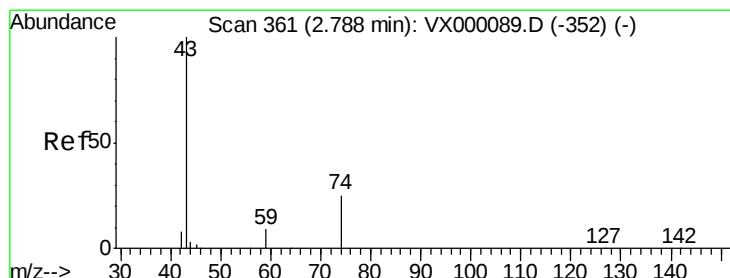
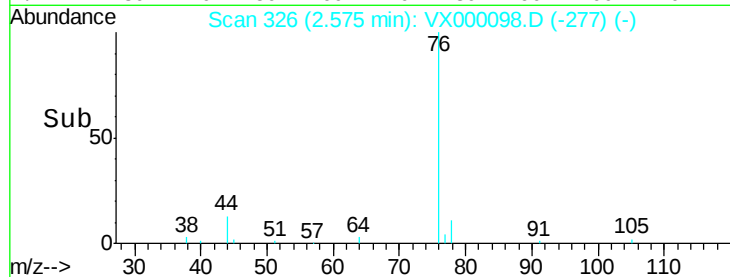
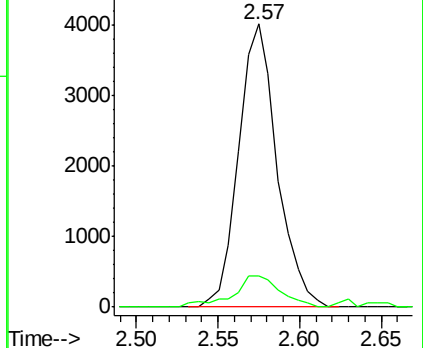
sam

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 2.34 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.00 min

Lab File: VX000089.D

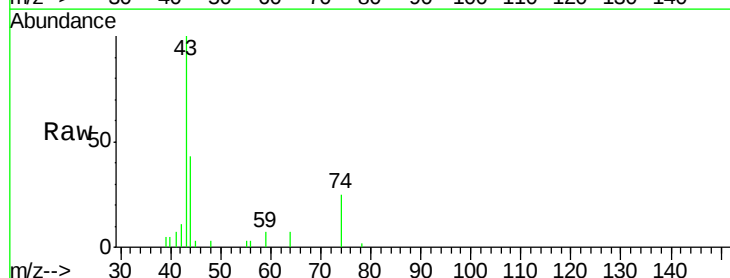
Acq: 15 Feb 2018 14:29

Tgt Ion: 43 Resp: 4840

Ion Ratio Lower Upper

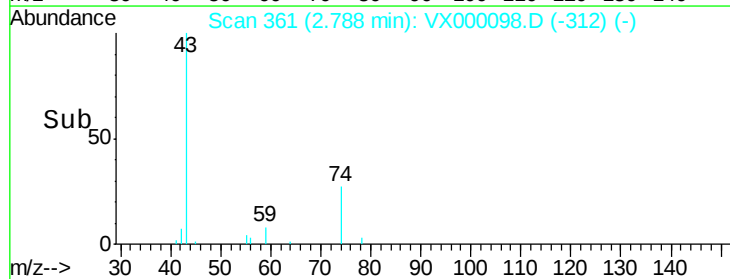
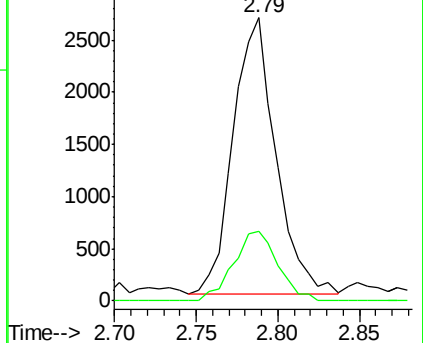
43 100

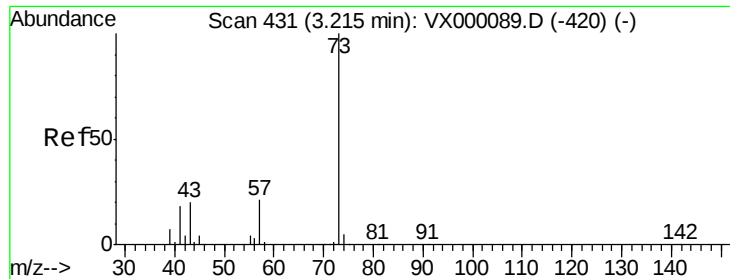
74 26.0 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





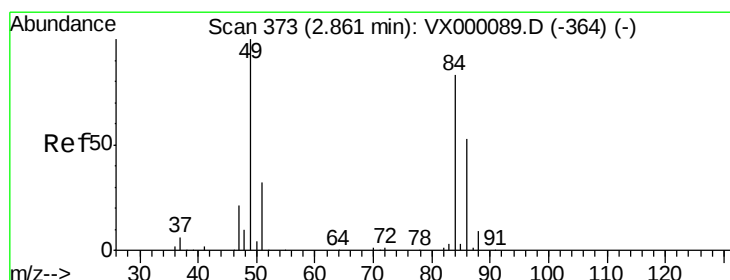
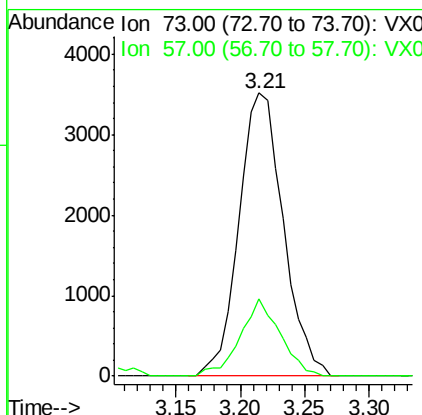
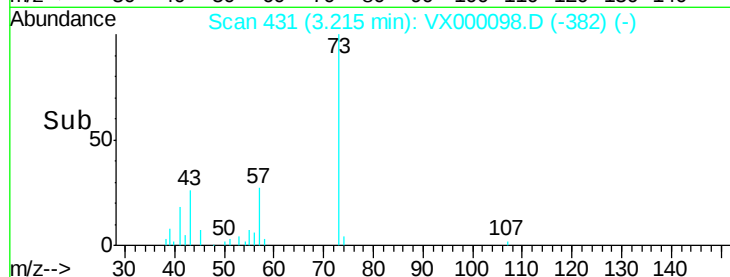
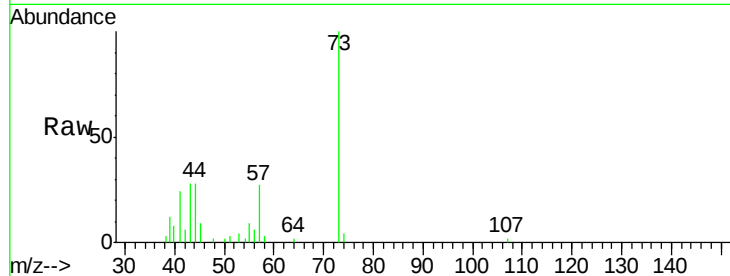
#19
Methvl tert-butvl Ether
Concen: 2.15 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 2.00PPB

Tot Ion: 73 Resp: 8401
Ion Ratio Lower Upper
73 100
57 27.1 16.4 24.6#

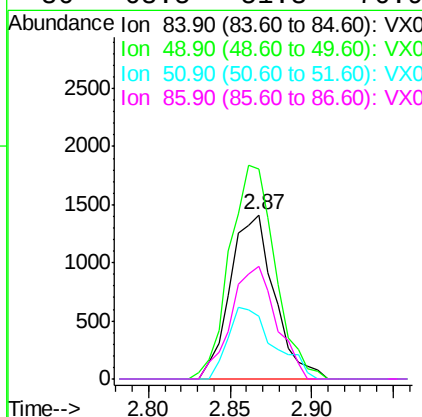
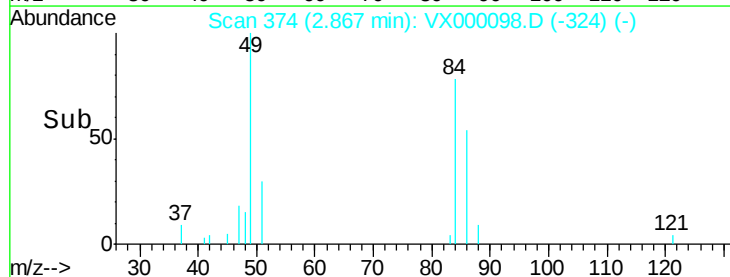
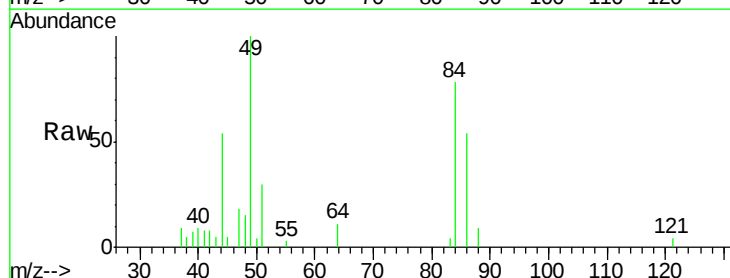
Manual Integrations
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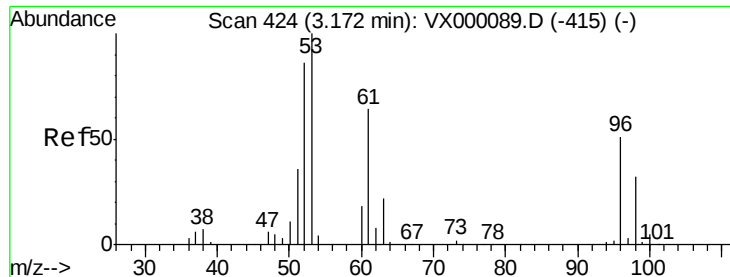
sam
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#20
Methylene Chloride
Concen: 0.72 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Tgt Ion: 84 Resp: 2675
Ion Ratio Lower Upper
84 100
49 127.7 96.1 144.1
51 38.0 30.5 45.7
86 68.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 2.25 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000098.D

Acq: 15 Feb 2018 14:29

Instrument :

ClientSampled :

MDL07 2.00PPB

Tot Ion: 96 Resp: 2778

Ion Ratio Lower Upper

96 100

61 117.0 100.3 150.5

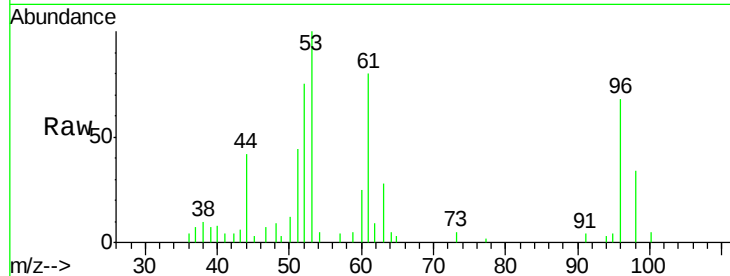
98 49.7 50.6 75.8#

Manual Integrations

APPROVED

sam

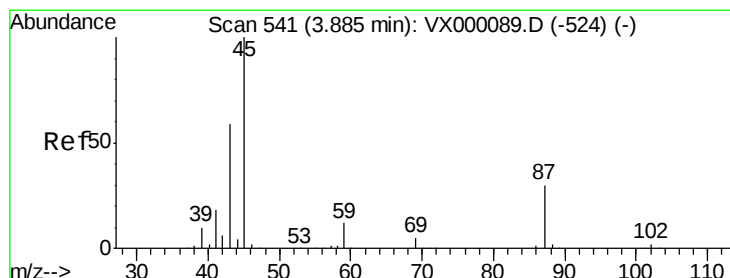
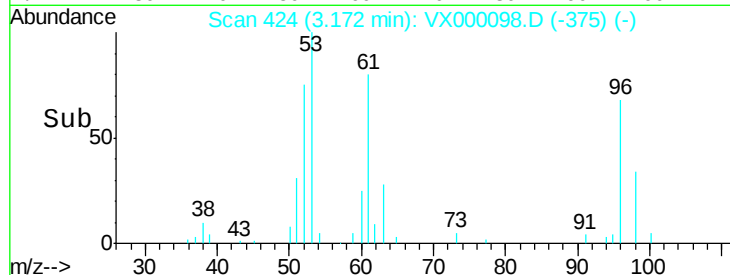
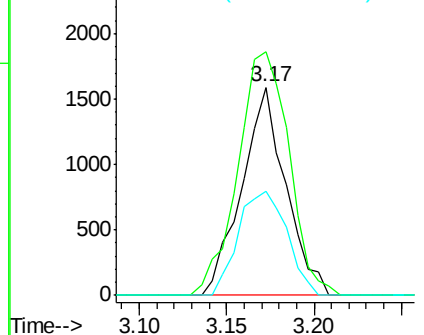
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 2.19 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.00 min

Lab File: VX000098.D

Acq: 15 Feb 2018 14:29

Tgt Ion: 45 Resp: 7295

Ion Ratio Lower Upper

45 100

43 55.2 47.4 71.2

87 31.5 24.2 36.2

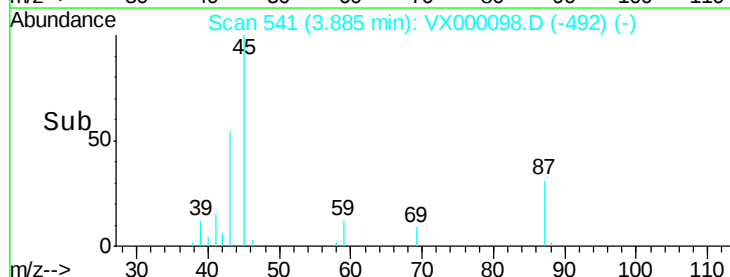
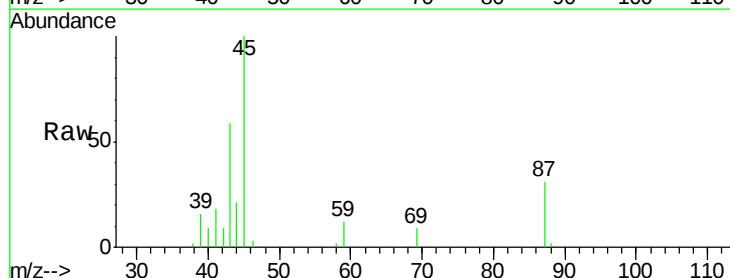
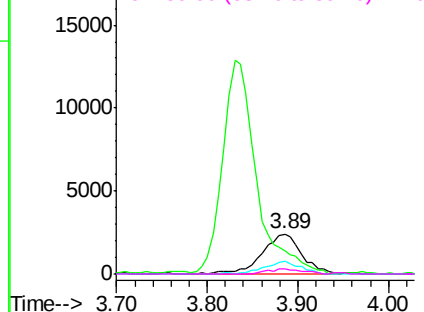
59 11.9 9.2 13.8

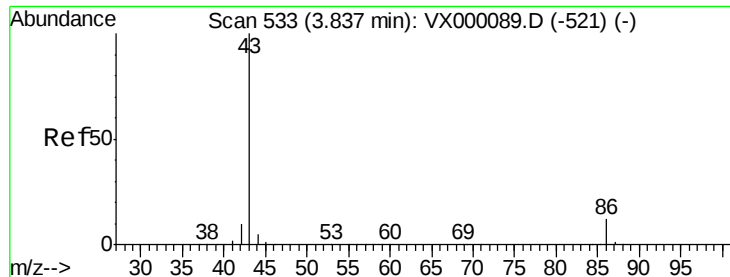
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 10.80 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000098.D

Acq: 15 Feb 2018 14:29

Instrument :

ClientSampled :

MDL07 2.00PPB

Tot Ion: 43 Resp: 33462

Ion Ratio Lower Upper

43 100

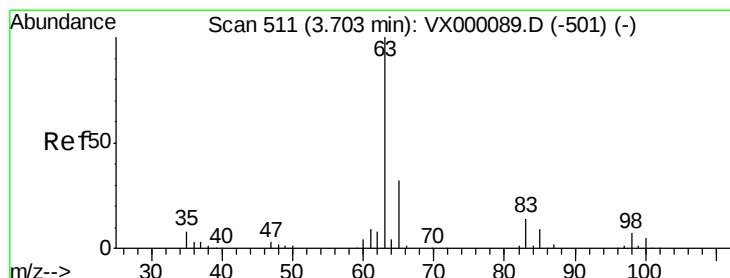
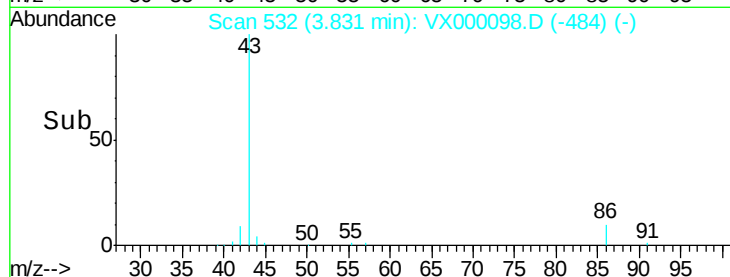
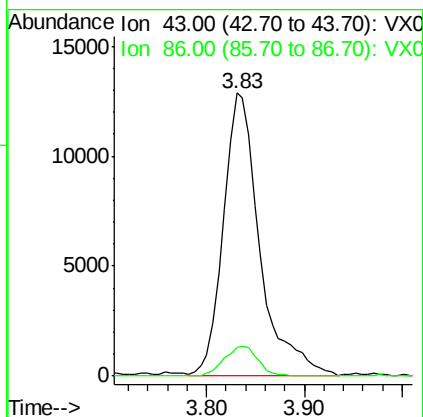
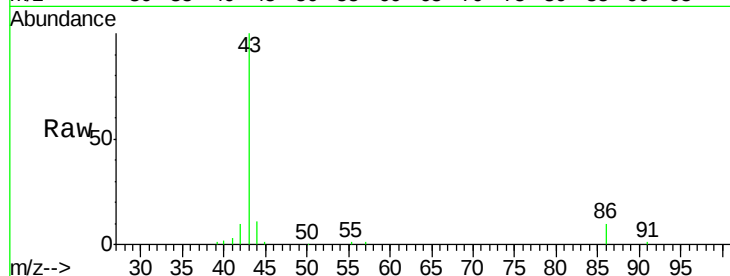
86 9.9 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 2.52 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000098.D

Acq: 15 Feb 2018 14:29

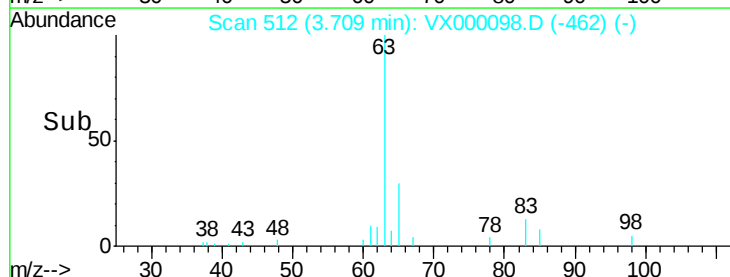
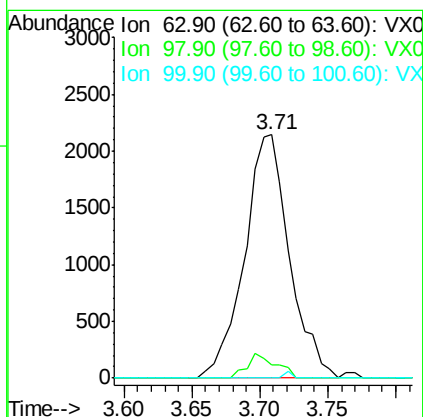
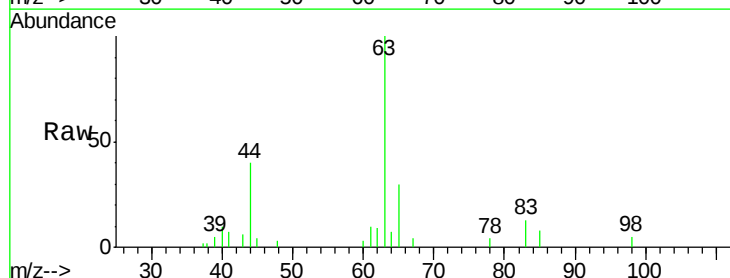
Tgt Ion: 63 Resp: 4971

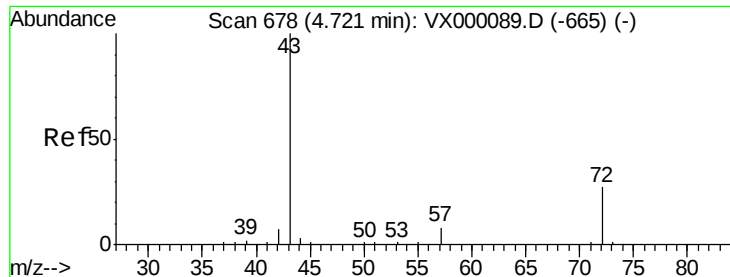
Ion Ratio Lower Upper

63 100

98 5.5 3.5 10.5

100 0.0 2.4 7.1#





#25

2-Butanone

Concen: 10.76 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX000098.D

Acq: 15 Feb 2018 14:29

Tot Ion: 43 Resp: 13235

Ion Ratio Lower Upper

43 100

72 26.3 21.3 31.9

Instrument :

ClientSampled :

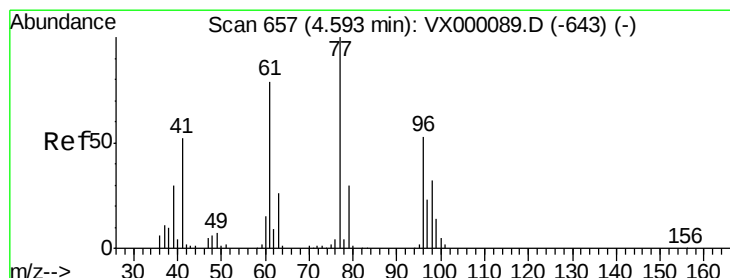
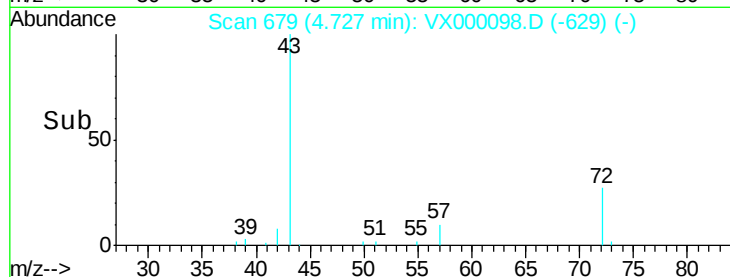
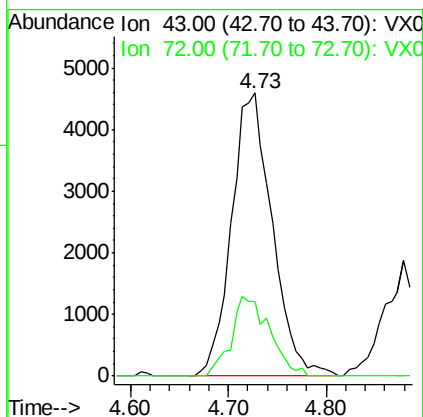
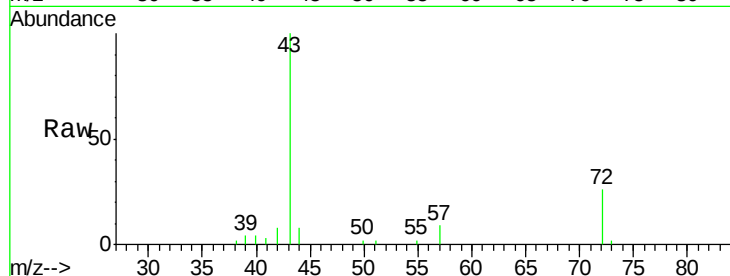
MDL07 2.00PPB

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 2.09 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000098.D

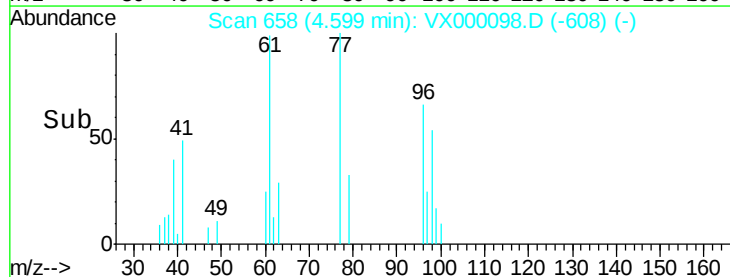
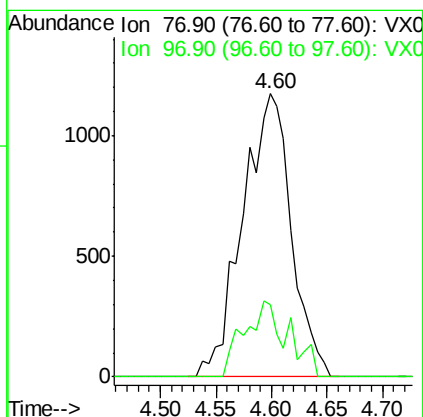
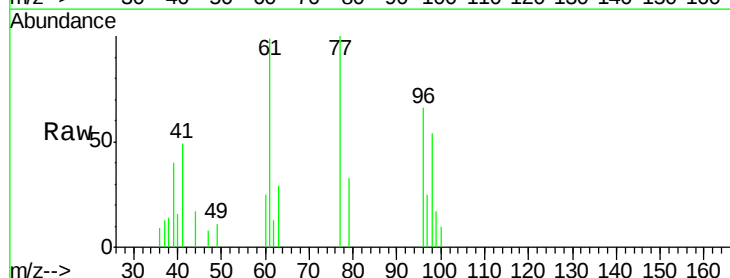
Acq: 15 Feb 2018 14:29

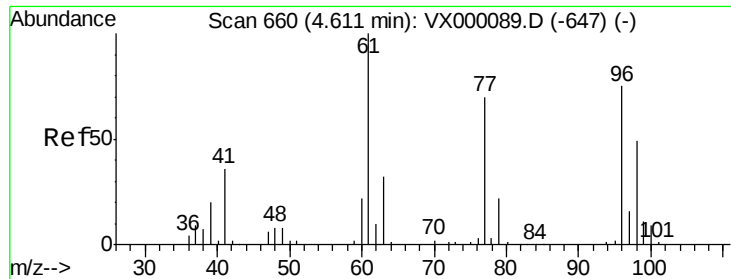
Tgt Ion: 77 Resp: 3579

Ion Ratio Lower Upper

77 100

97 18.3 11.4 34.2





#27

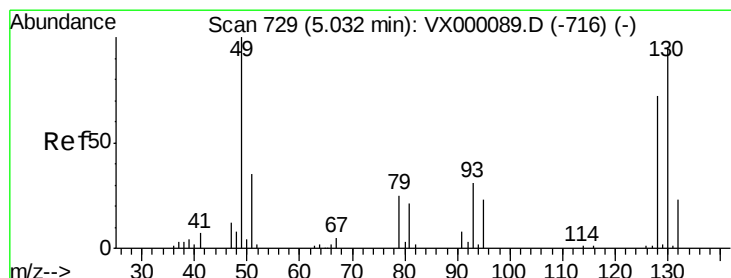
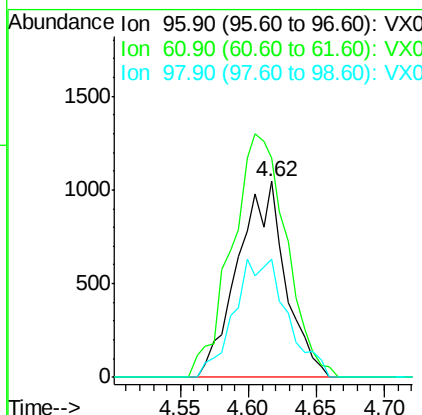
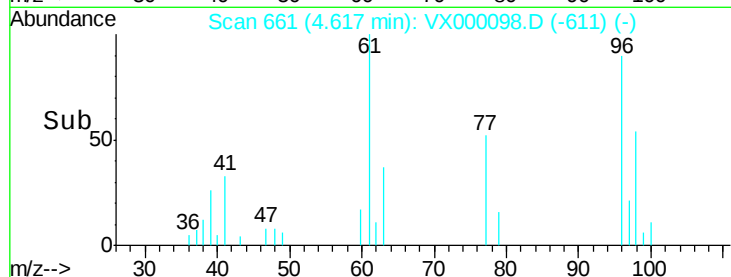
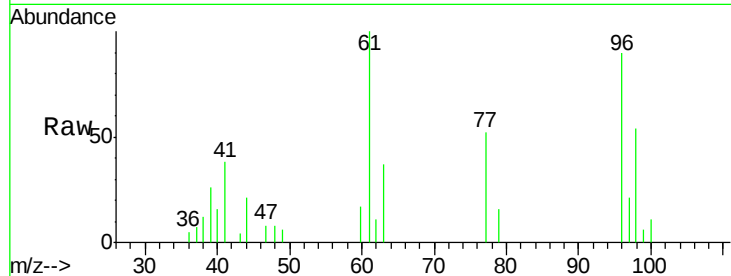
cis-1,2-Dichloroethene
Concen: 2.18 ug/l
RT: 4.62 min Scan# 661
Delta R.T. 0.01 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 2.00PPB

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	285.6
98	67.1	0.0	131.8

Manual Integrations
APPROVED

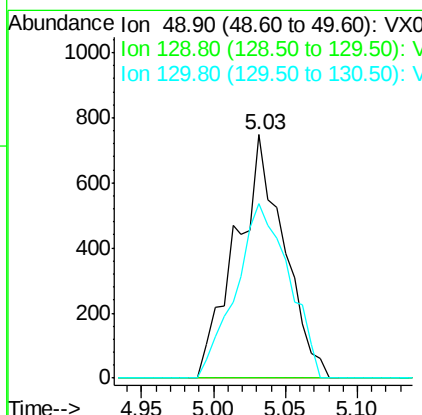
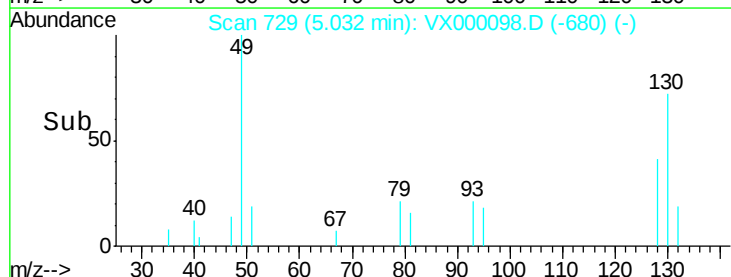
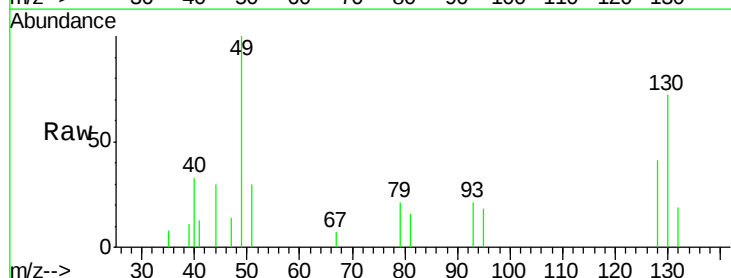
sam
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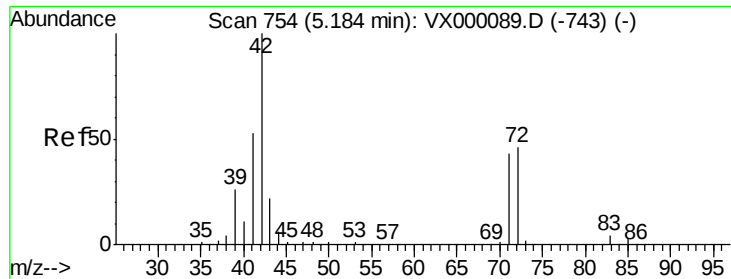


#28

Bromochloromethane
Concen: 1.95 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	79.4	71.9	107.9





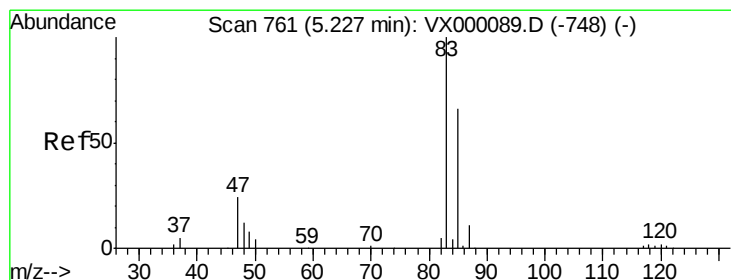
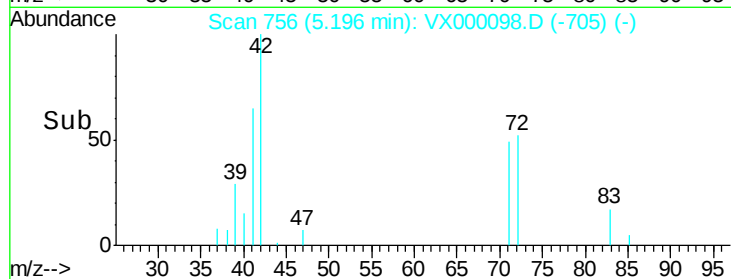
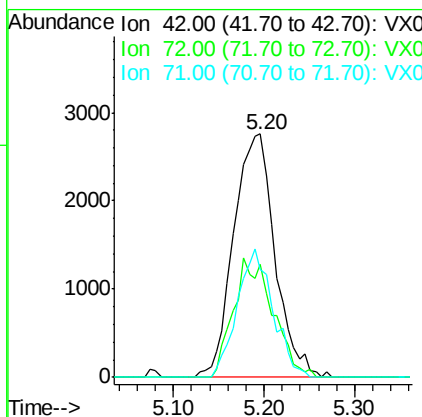
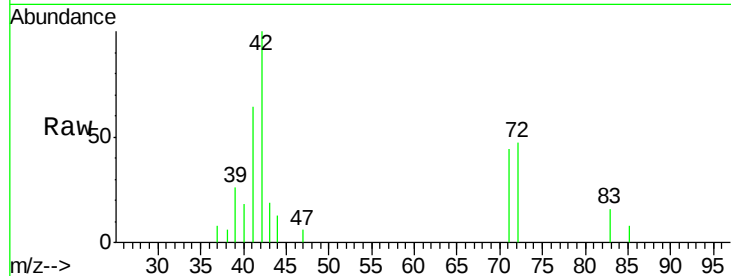
#29
Tetrahydrofuran
Concen: 10.85 ug/l
RT: 5.20 min Scan# 756
Delta R.T. 0.01 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Instrument :
Client Sampled :
MDL07 2.00PPB

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	38.6	58.0
71	45.7	36.2	54.4

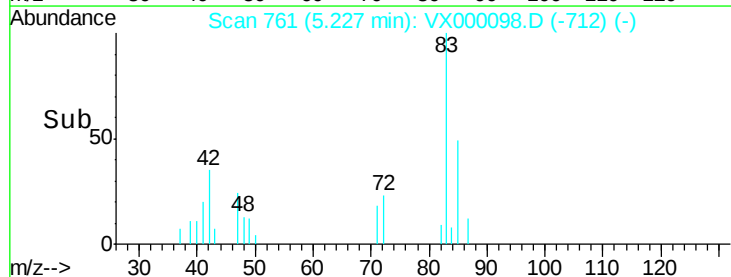
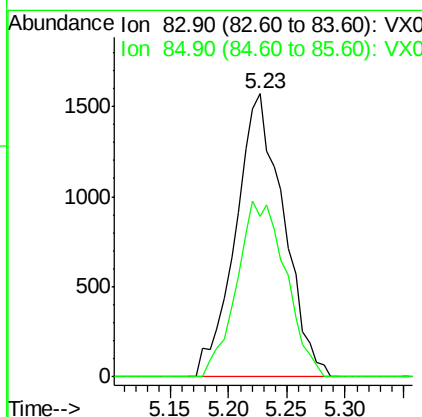
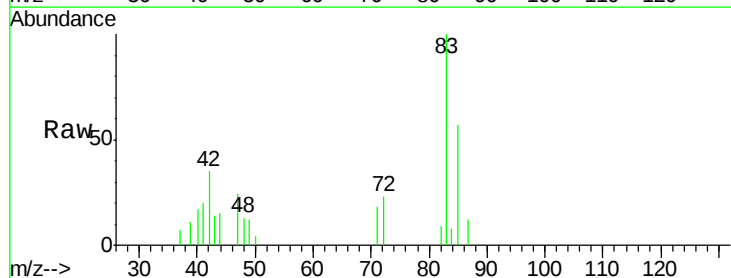
Manual Integrations
APPROVED

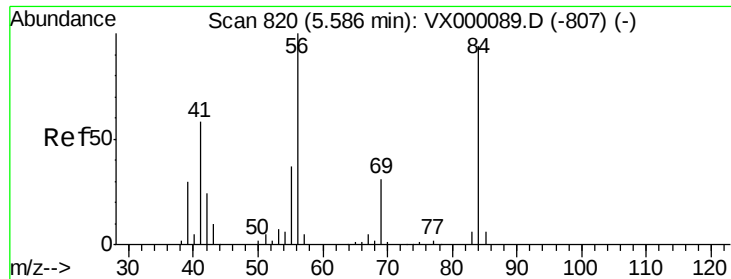
sam
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#30
Chloroform
Concen: 2.15 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	56.8	52.7	79.1





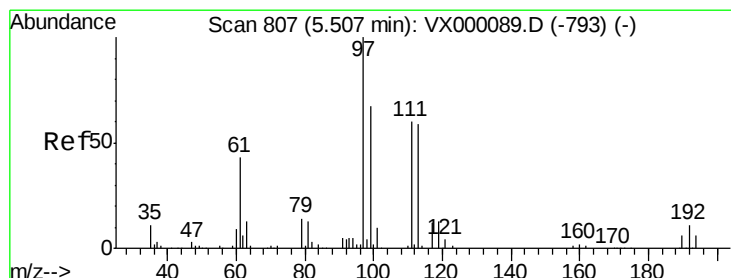
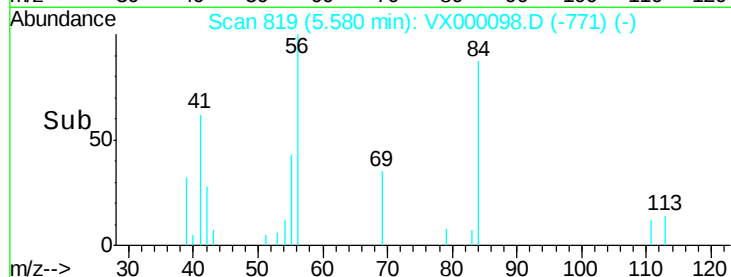
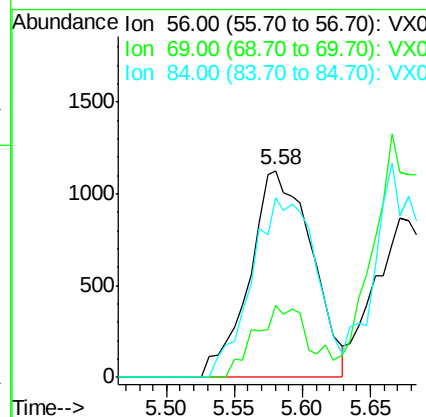
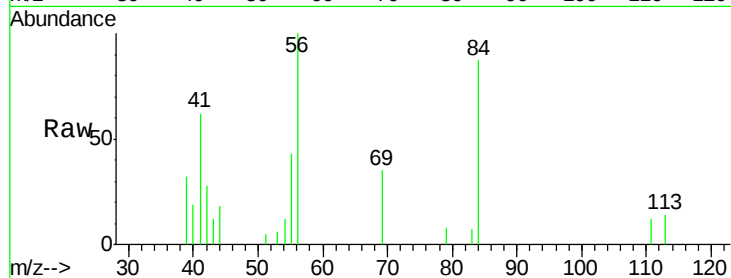
#31
Cyclohexane
Concen: 2.12 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 2.00PPB

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.8	24.9	37.3
84	86.8	75.0	112.4

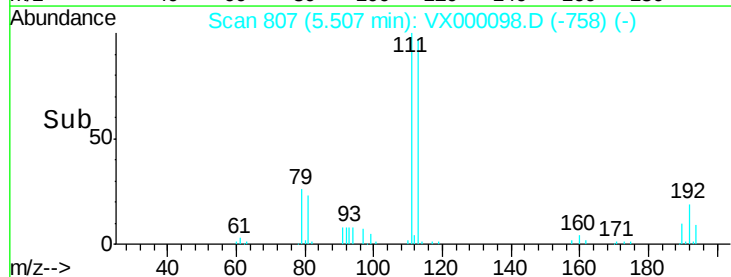
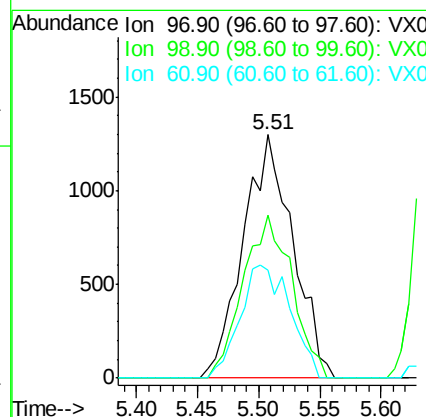
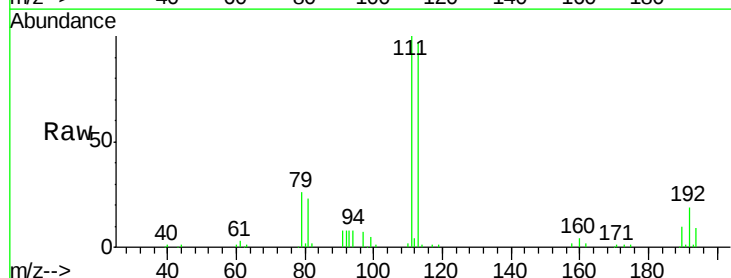
Manual Integrations
APPROVED

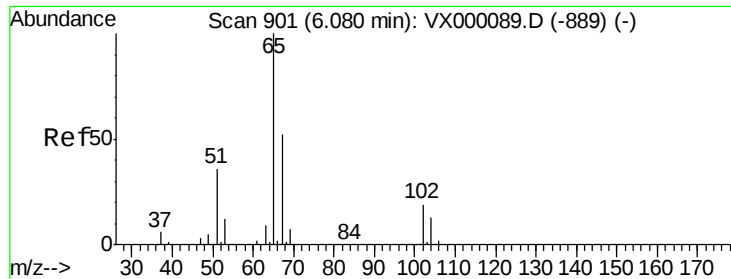
sam
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#32
1,1,1-Trichloroethane
Concen: 1.92 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.1	76.7
61	46.6	33.4	50.0





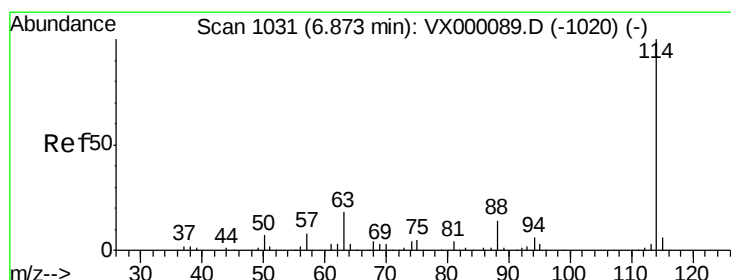
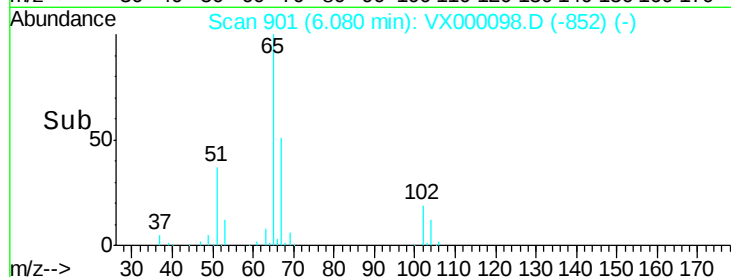
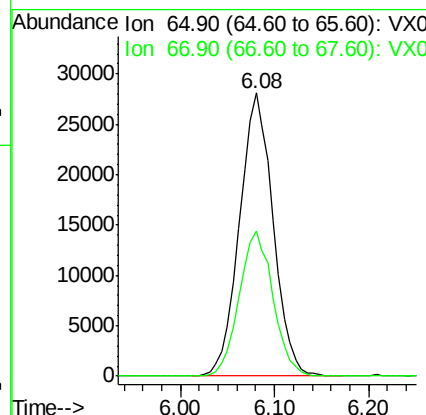
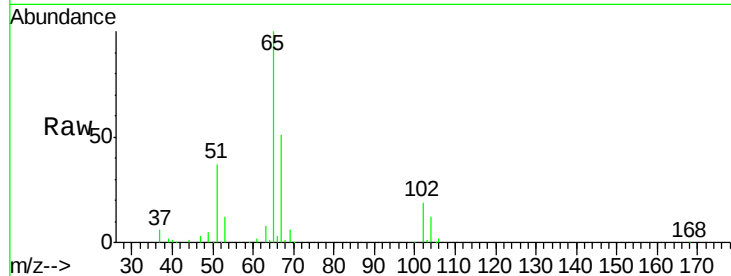
#33
 1,2-Dichloroethane-d4
 Concen: 51.43 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000098.D
 Acq: 15 Feb 2018 14:29

Instrument :
 ClientSampled :
 MDL07 2.00PPB

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.8

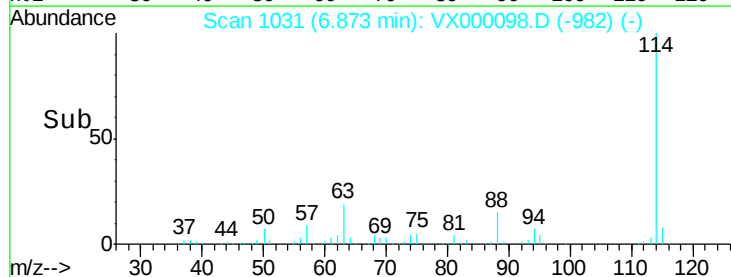
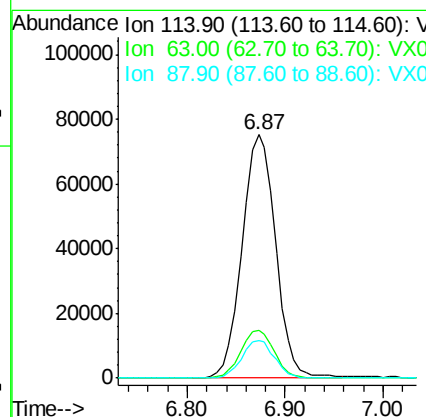
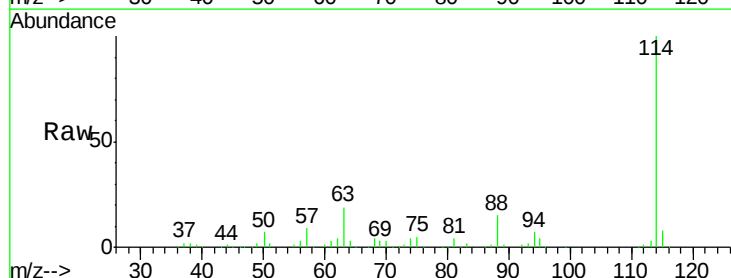
Manual Integrations
 APPROVED

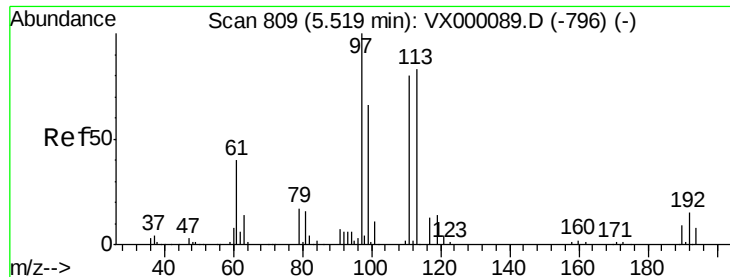
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000098.D
 Acq: 15 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	36.4
88	15.3	0.0	29.0





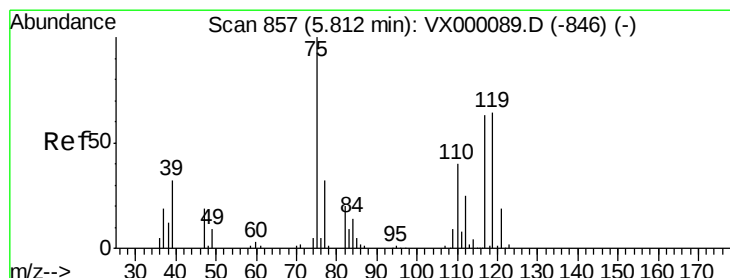
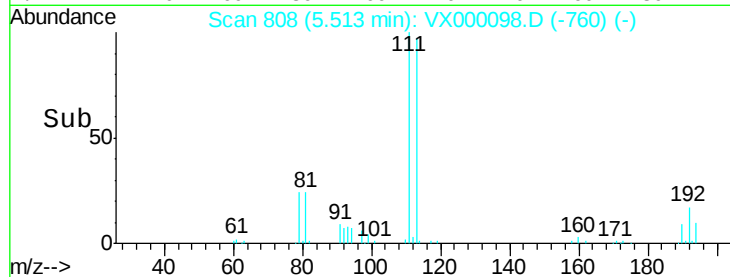
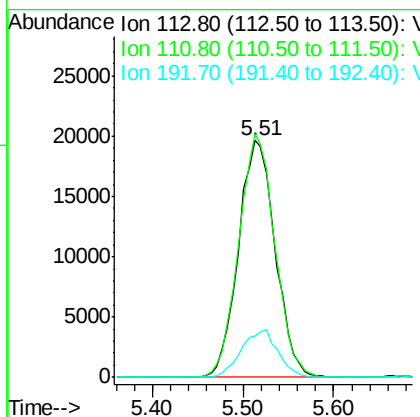
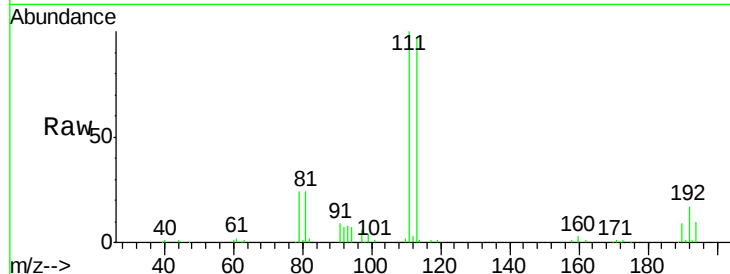
#35
 Dibromofluoromethane
 Concen: 48.67 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VX000098.D
 Acq: 15 Feb 2018 14:29

Instrument :
 ClientSampled :
 MDL07 2.00PPB

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.0	121.6
192	19.9	15.7	23.5

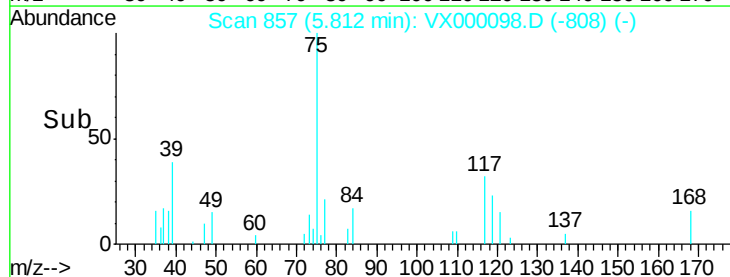
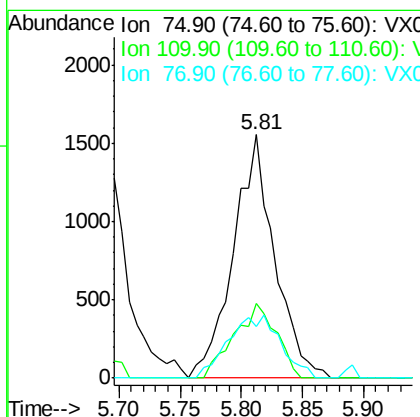
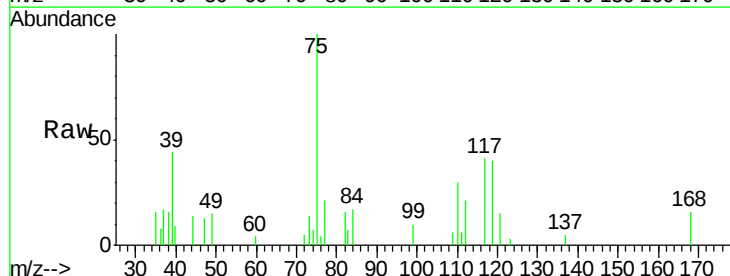
Manual Integrations
 APPROVED

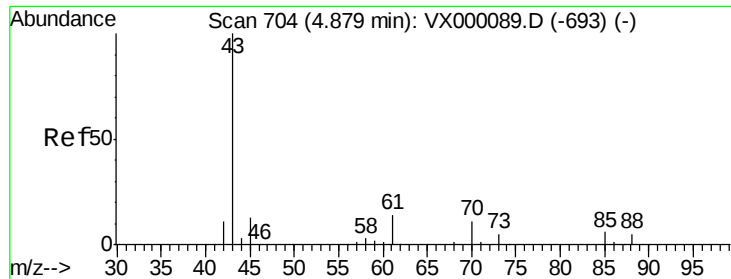
sam
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#36
 1,1-Dichloropropene
 Concen: 2.26 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: VX000098.D
 Acq: 15 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.4	19.5	58.5
77	32.7	24.7	37.1





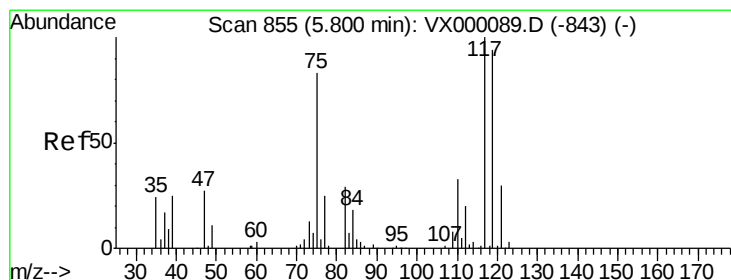
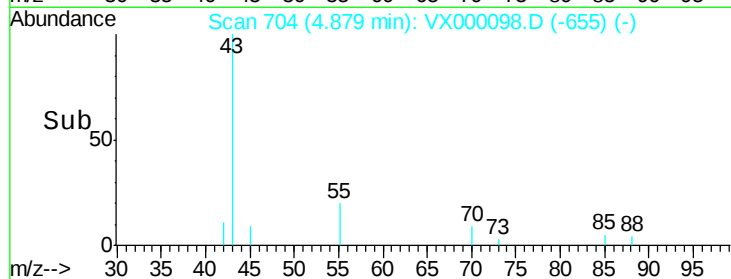
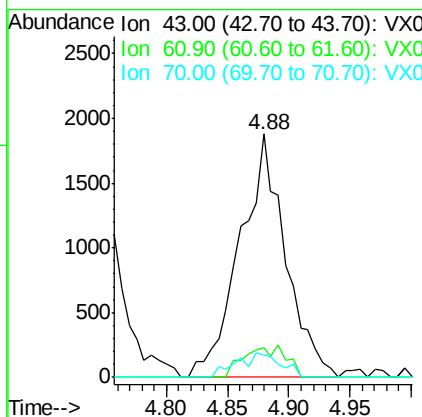
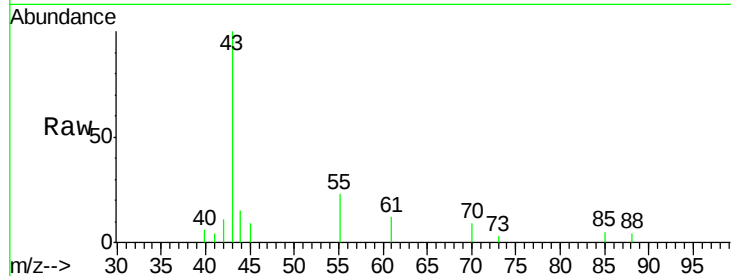
#37
Ethyl Acetate
Concen: 2.21 ug/l
RT: 4.88 min Scan# 704
Delta R.T. -0.00 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Instrument :
Client Sampled :
MDL07 2.00PPB

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.7	11.5	17.3
70	9.6	9.0	13.4

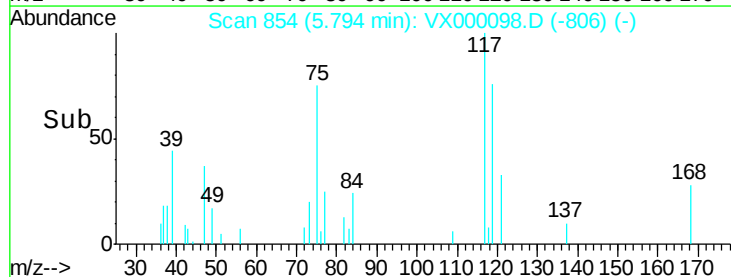
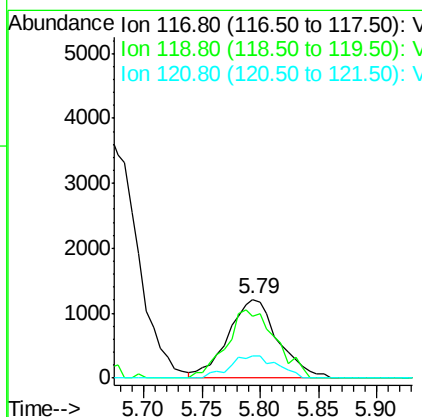
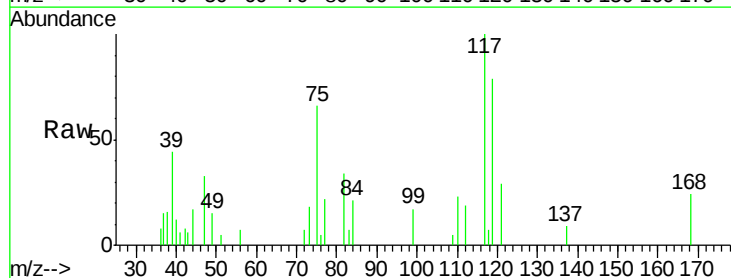
Manual Integrations
APPROVED

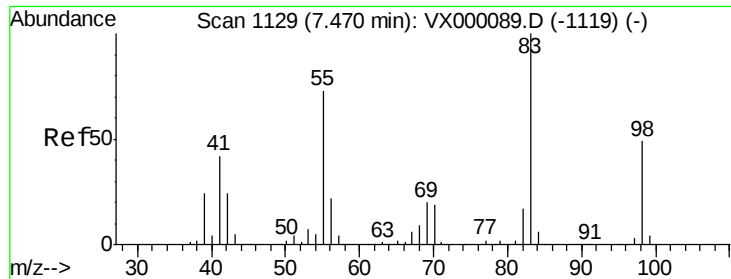
sam
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#38
Carbon Tetrachloride
Concen: 2.08 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.01 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	78.5	75.3	112.9
121	28.6	23.7	35.5





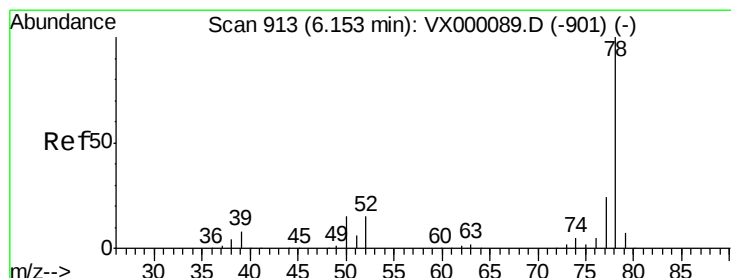
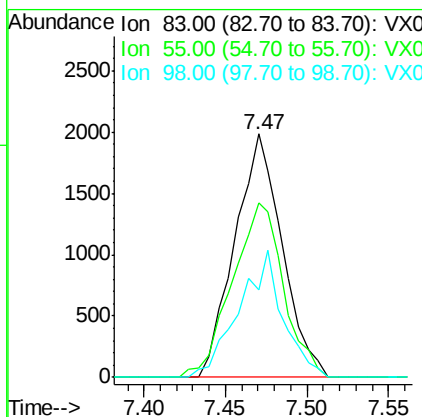
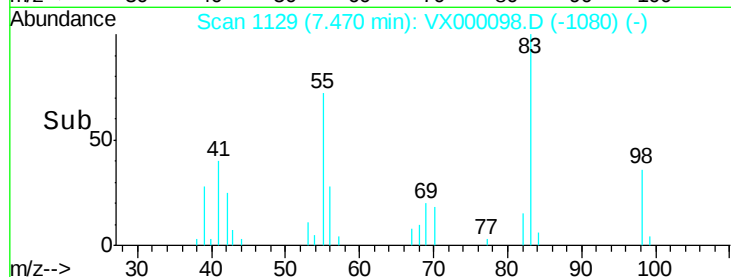
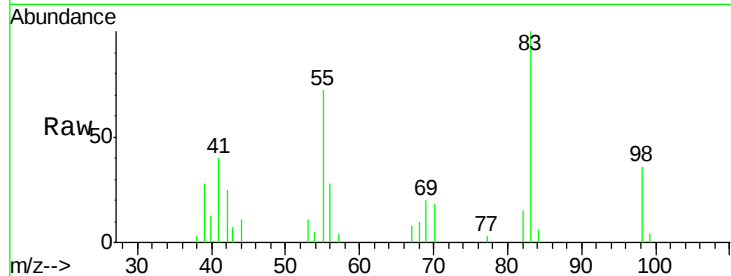
#39
Methvlcvclohexane
Concen: 2.07 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000089.D
Acq: 15 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 2.00PPB

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.9	58.2	87.2
98	35.9	39.0	58.6

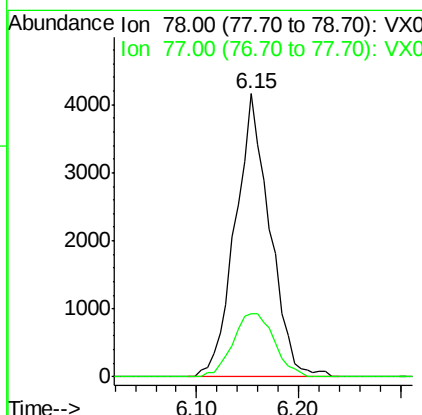
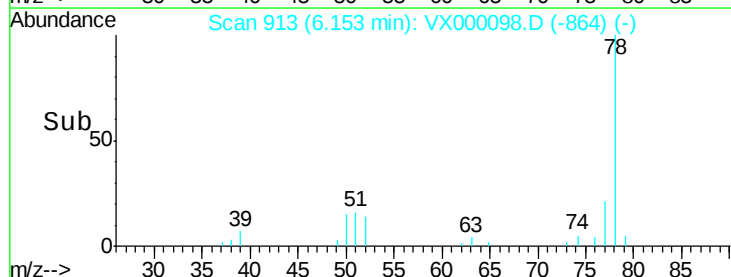
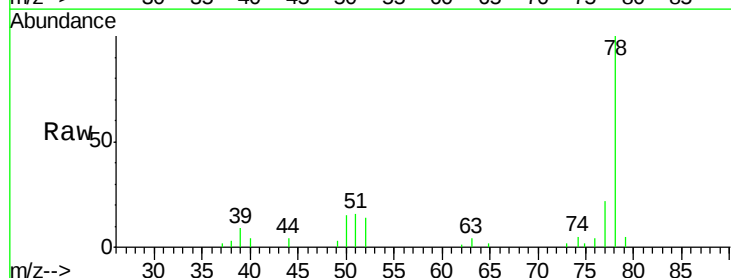
Manual Integrations
APPROVED

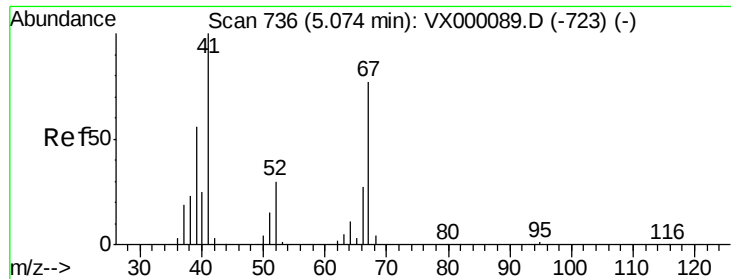
sam
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#40
Benzene
Concen: 2.12 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 15 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.4	29.0





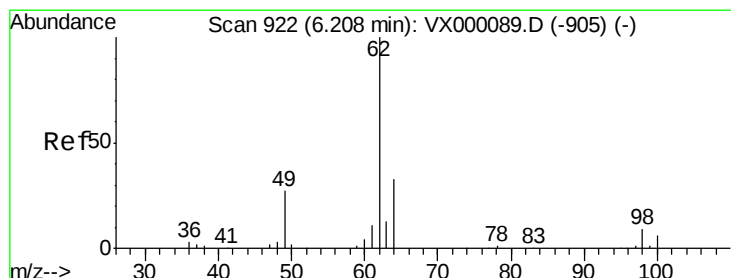
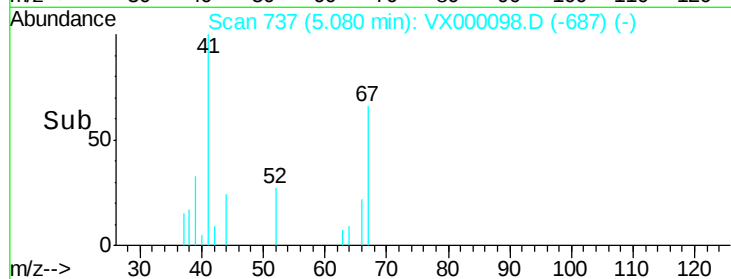
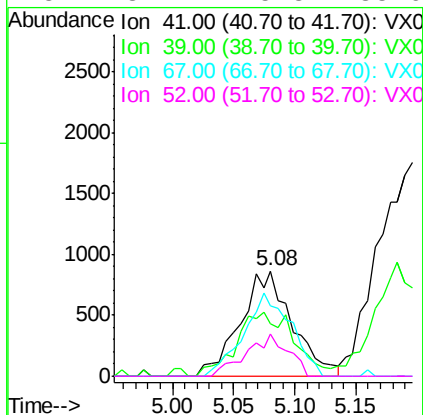
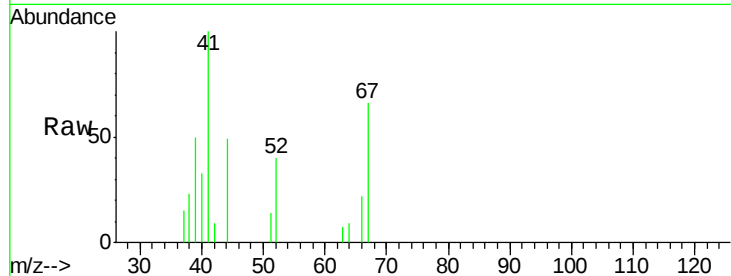
#41
Methacrylonitrile
Concen: 1.90 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 2.00PPB

Tot Ion:	41	Resp:	2553
Ion	Ratio	Lower	Upper
41	100		
39	67.3	45.1	67.7
67	72.1	61.0	91.4
52	32.1	25.8	38.6

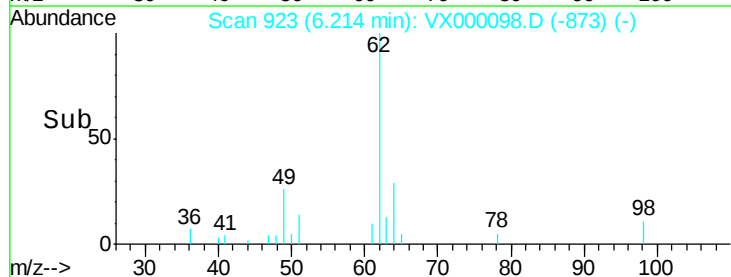
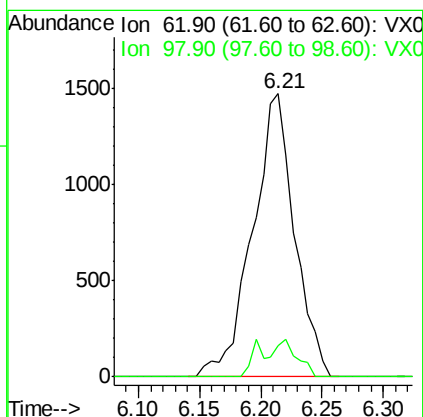
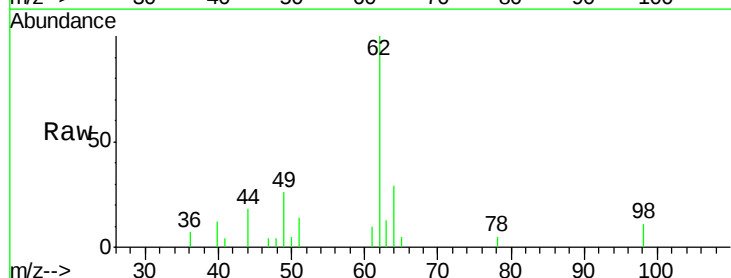
Manual Integrations
APPROVED

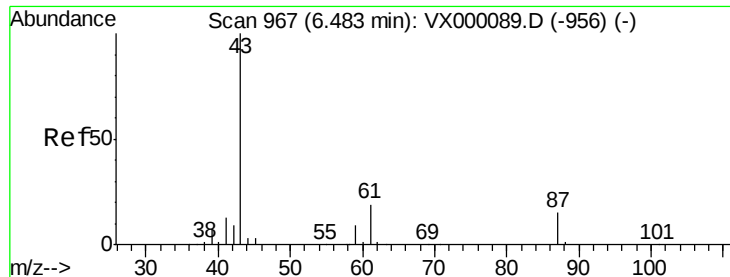
sam
2/16/2018 4:51:02 PM



#42
1,2-Dichloroethane
Concen: 2.08 ug/l
RT: 6.21 min Scan# 923
Delta R.T. 0.01 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Tgt Ion:	62	Resp:	3509
Ion	Ratio	Lower	Upper
62	100		
98	6.6	0.0	17.8





#43

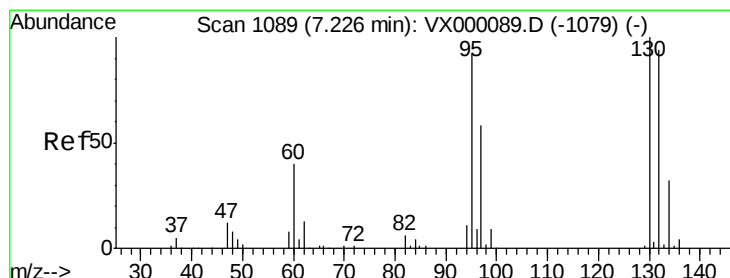
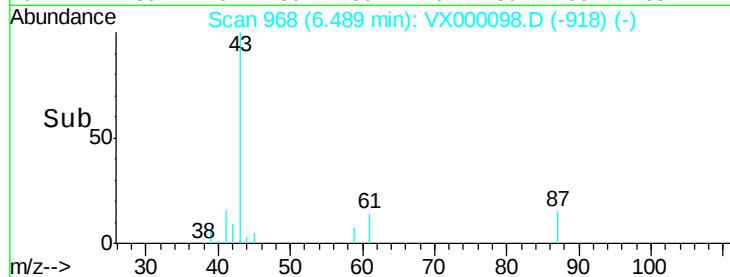
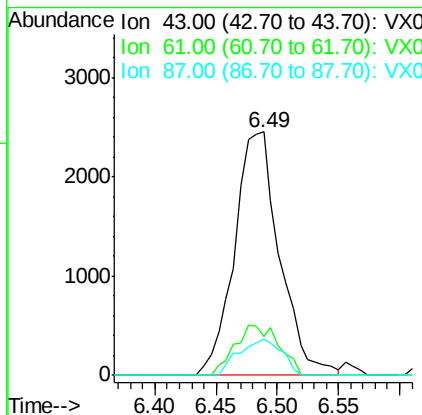
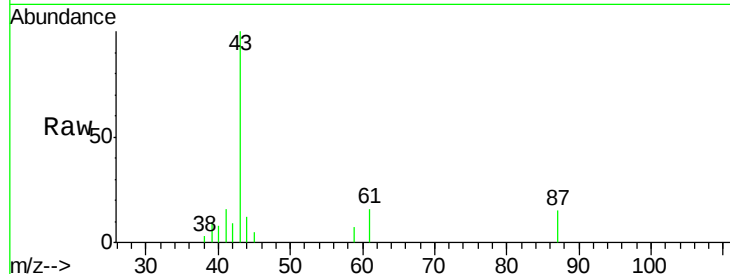
Isopropyl Acetate
 Concen: 1.98 ug/l
 RT: 6.49 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: VX000098.D
 Acq: 15 Feb 2018 14:29

Instrument :
 ClientSampled :
 MDL07 2.00PPB

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.6	23.4
87	14.1	11.7	17.5

Manual Integrations
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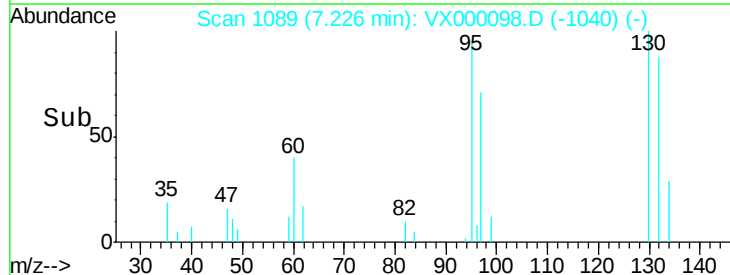
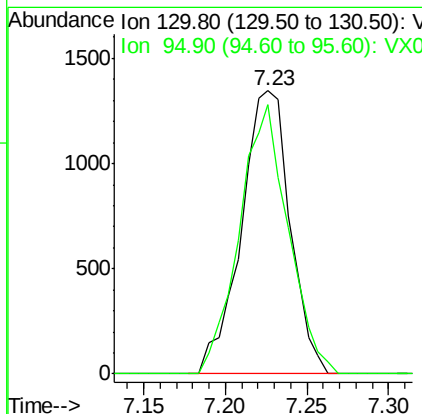
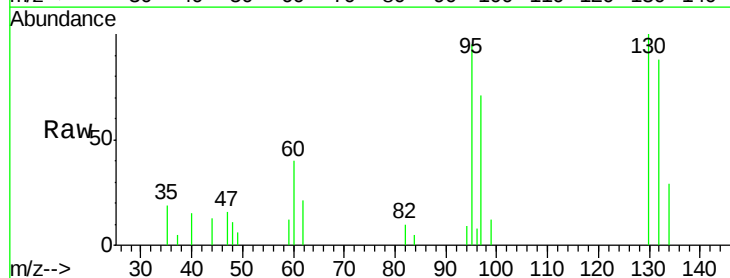
sam
 2/16/2018 4:51:02 PM

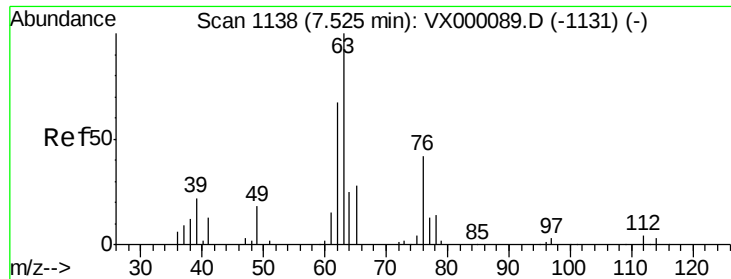


#44

Trichloroethene
 Concen: 2.07 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VX000098.D
 Acq: 15 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	183.4





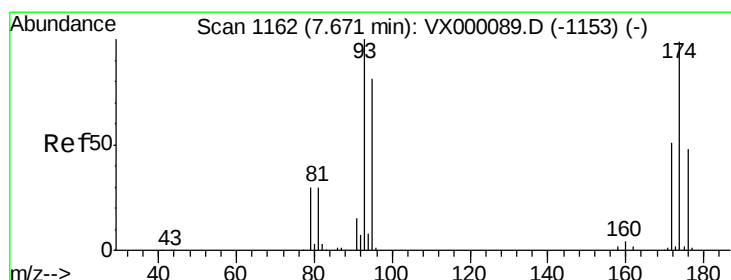
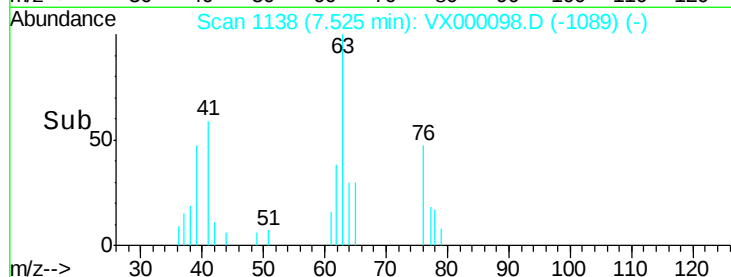
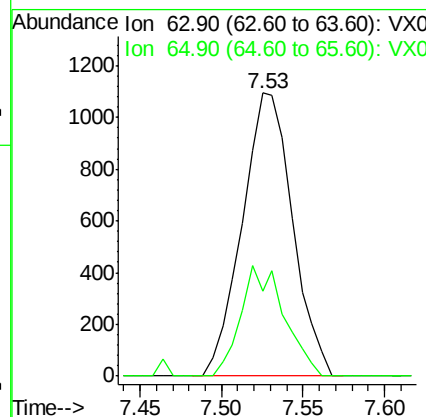
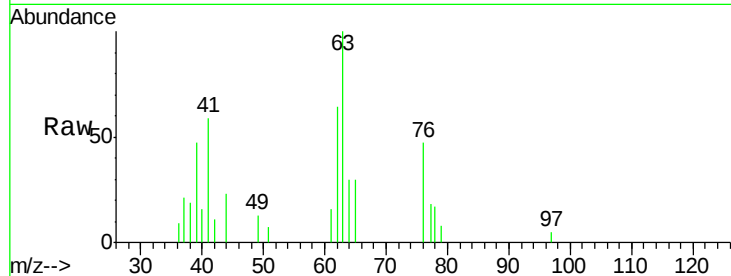
#45
 1,2-Dichloropropane
 Concen: 2.09 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000098.D
 Acq: 15 Feb 2018 14:29

Instrument :
 ClientSampled :
 MDL07 2.00PPB

Tot Ion: 63 Resp: 2353
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.8 35.8

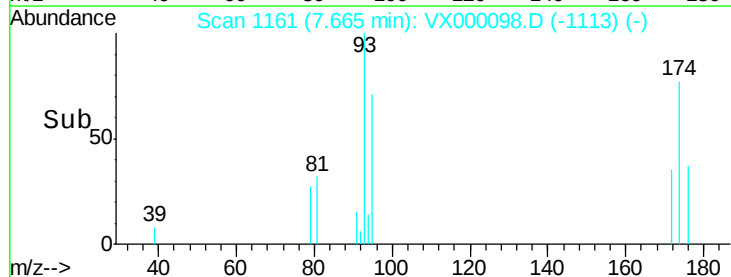
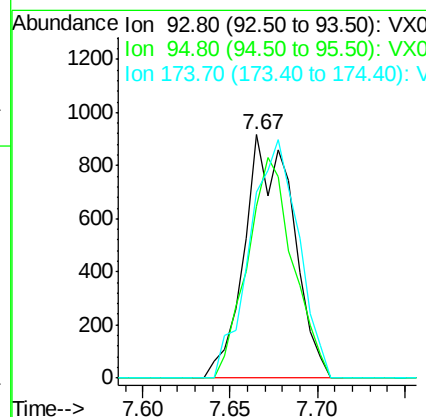
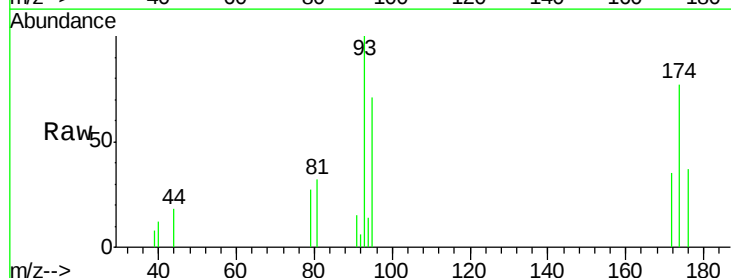
Manual Integrations
 APPROVED

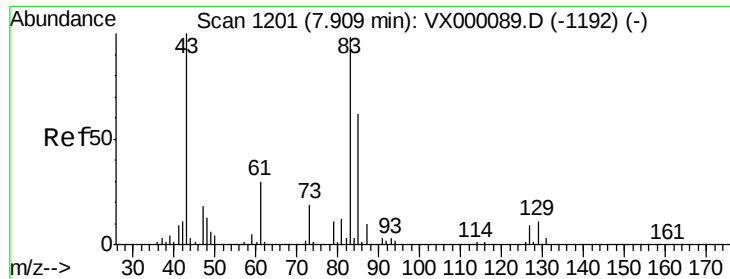
sam
 2/16/2018 4:51:02 PM



#46
 Dibromomethane
 Concen: 2.01 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX000098.D
 Acq: 15 Feb 2018 14:29

Tgt Ion: 93 Resp: 1764
 Ion Ratio Lower Upper
 93 100
 95 85.0 65.0 97.6
 174 98.2 83.1 124.7





#47

Bromodichloromethane

Concen: 2.07 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000089.D

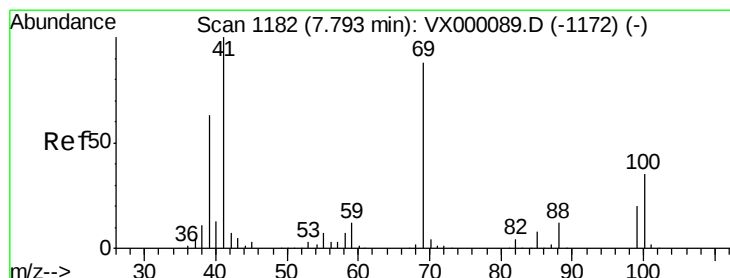
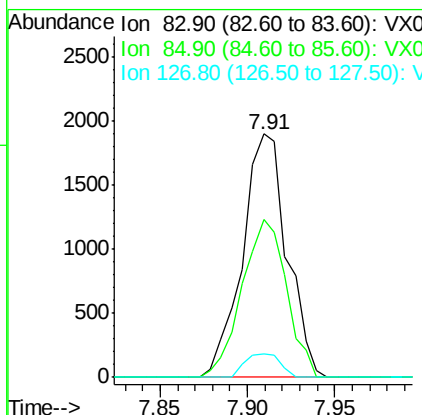
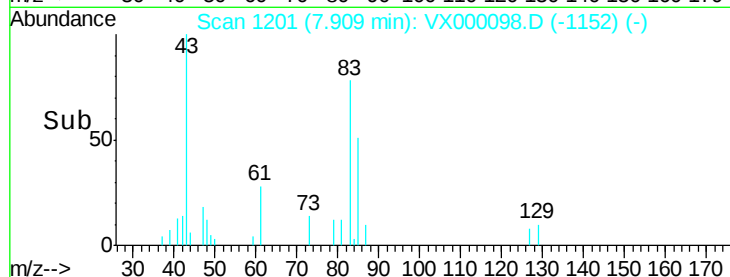
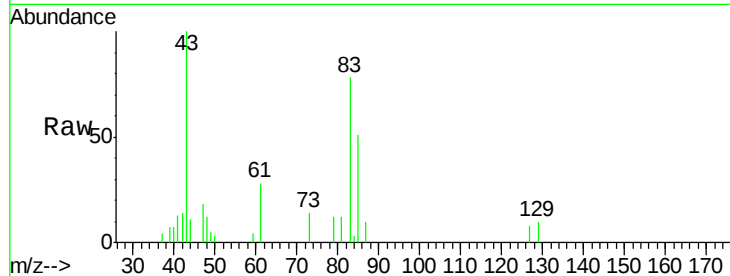
Acq: 15 Feb 2018 14:29

Tot Ion:	83	Resp:	3364
Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.4	75.6
127	9.8	7.2	10.8

Instrument :
ClientSampled :
MDL07 2.00PPB

Manual Integrations
APPROVED

sam
2/16/2018 4:51:02 PM



#48

Methyl methacrylate

Concen: 2.07 ug/l

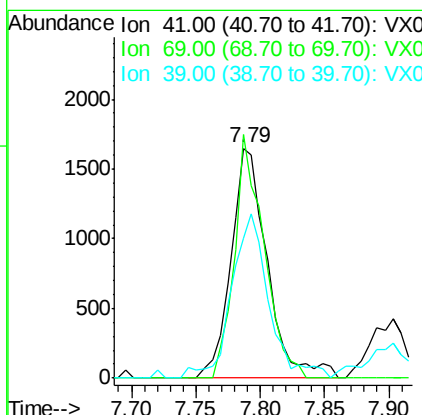
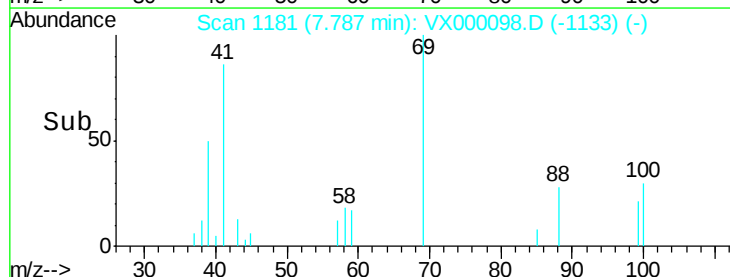
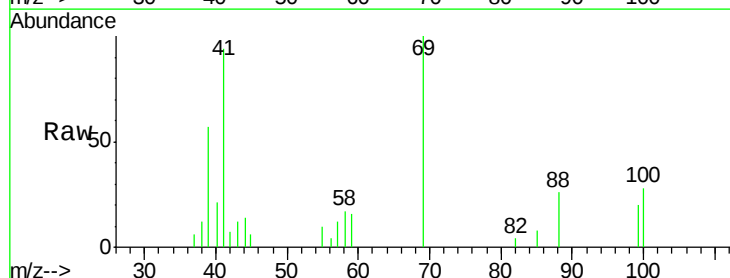
RT: 7.79 min Scan# 1181

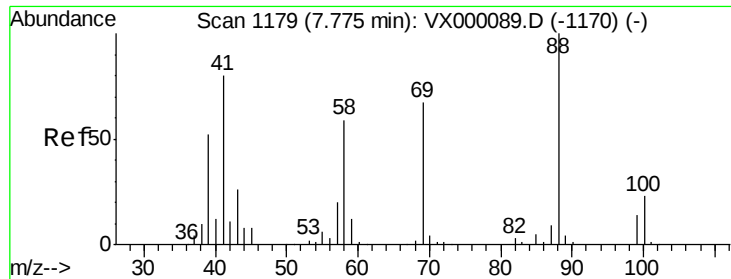
Delta R.T. -0.01 min

Lab File: VX000089.D

Acq: 15 Feb 2018 14:29

Tgt Ion:	41	Resp:	3240
Ion	Ratio	Lower	Upper
41	100		
69	86.0	70.2	105.4
39	73.0	51.0	76.6





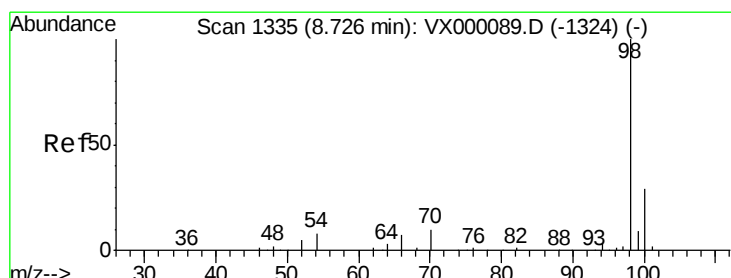
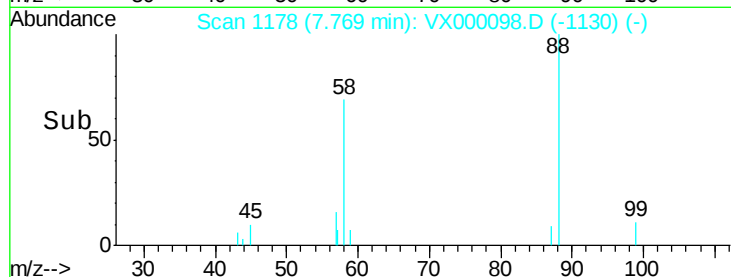
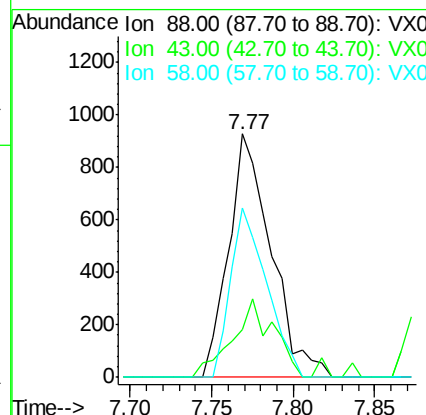
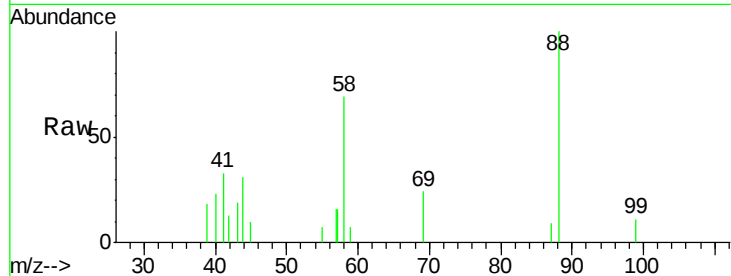
#49
1,4-Dioxane
Concen: 41.01 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 2.00PPB

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.0	24.1	36.1
58	59.3	49.0	73.6

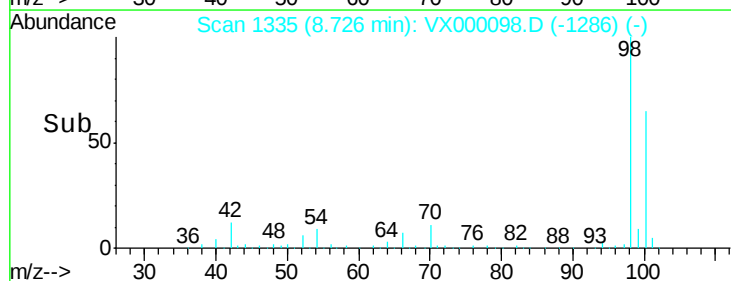
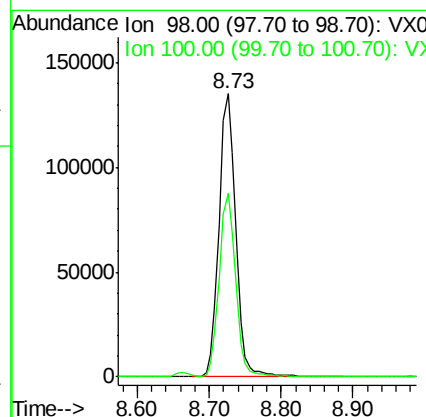
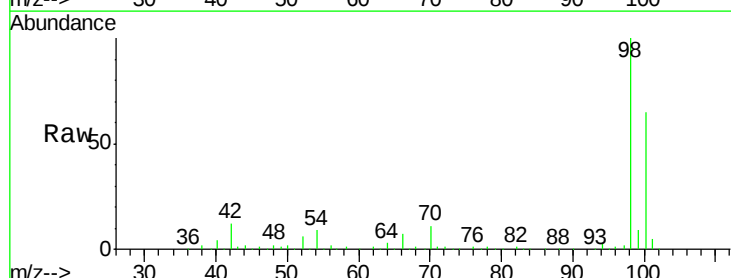
Manual Integrations
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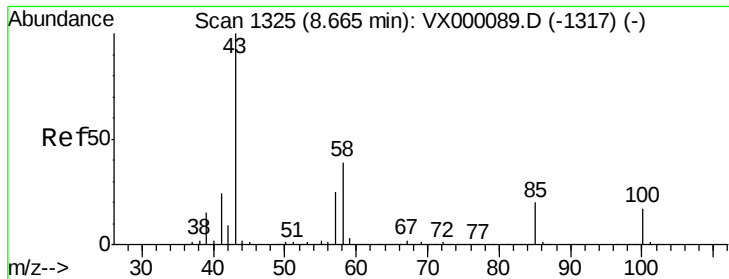
sam
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#50
Toluene-d8
Concen: 48.90 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.2	78.2





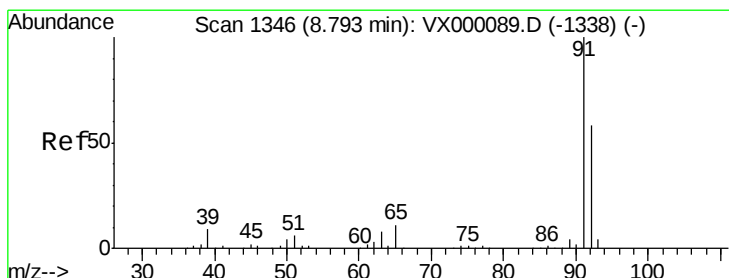
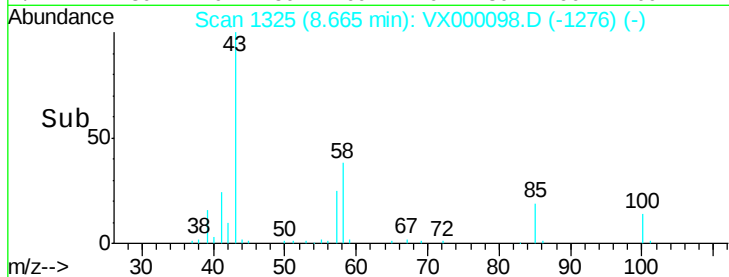
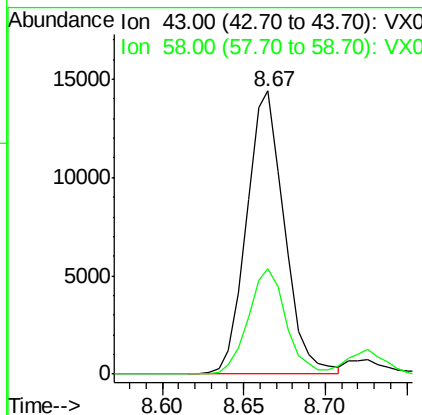
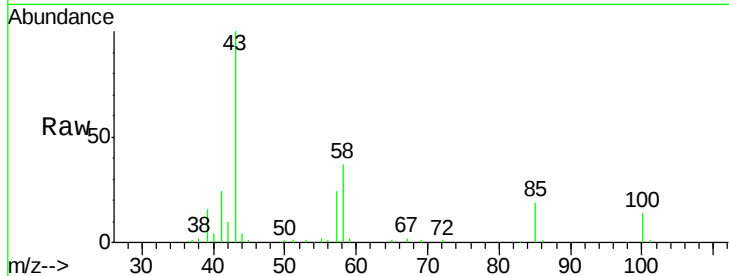
#51
4-Methyl-2-Pentanone
Concen: 9.94 ug/l
RT: 8.67 min Scan# 1325
Delta R.T. -0.00 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 2.00PPB

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.0	31.6	47.4

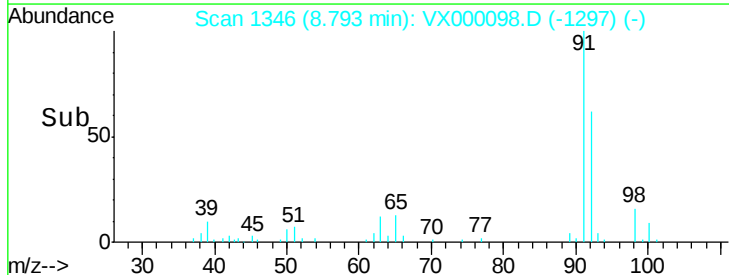
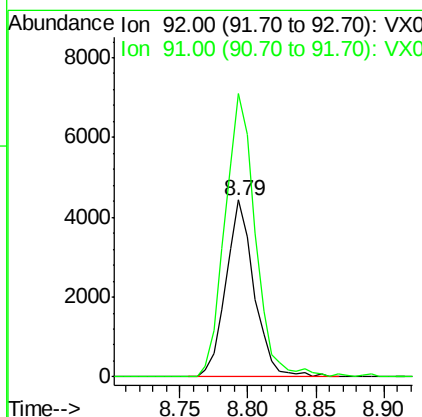
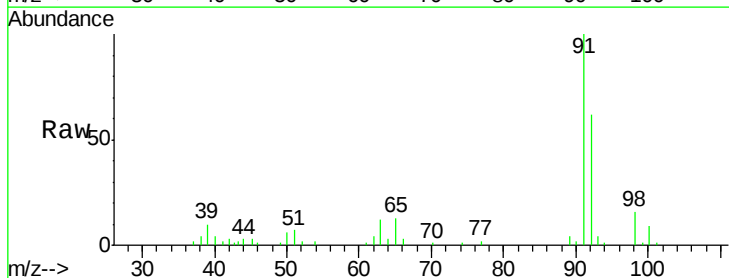
Manual Integrations
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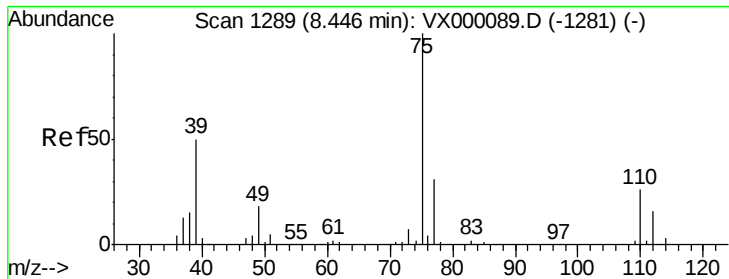
sam
2/16/2018 4:51:02 PM



#52
Toluene
Concen: 2.09 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.7	139.8	209.6





#53

t-1,3-Dichloropropene

Concen: 1.95 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000098.D

Acq: 15 Feb 2018 14:29

Instrument :

ClientSampled :

MDL07 2.00PPB

Tot Ion: 75 Resp: 3714

Ion Ratio Lower Upper

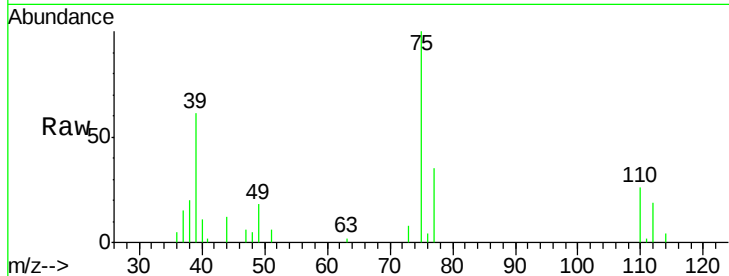
75 100

77 35.1 25.0 37.6

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

Ion 76.90 (76.60 to 77.60): VX0

8.45

2500

2000

1500

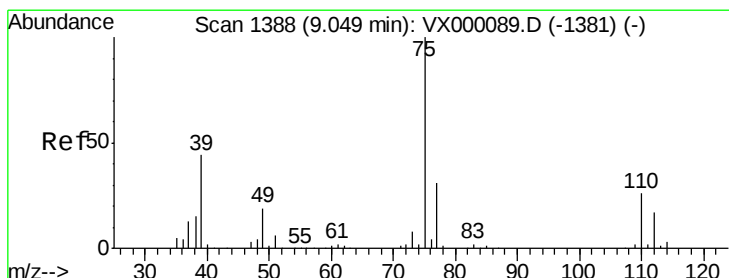
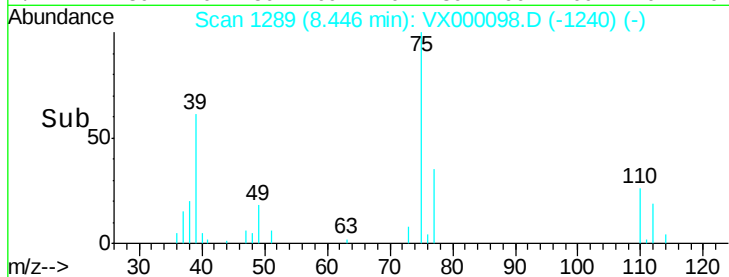
1000

500

0

8.40 8.45 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 1.79 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000098.D

Acq: 15 Feb 2018 14:29

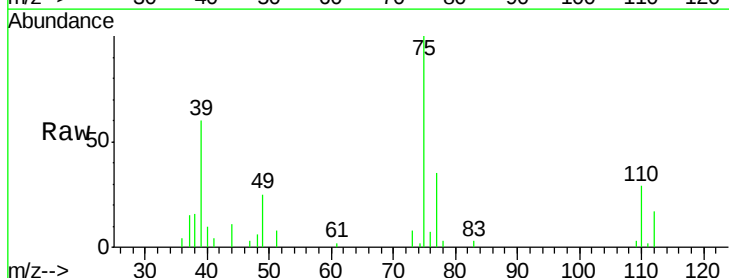
Tgt Ion: 75 Resp: 3395

Ion Ratio Lower Upper

75 100

77 35.0 25.0 37.6

39 60.0 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

3000

2500

2000

1500

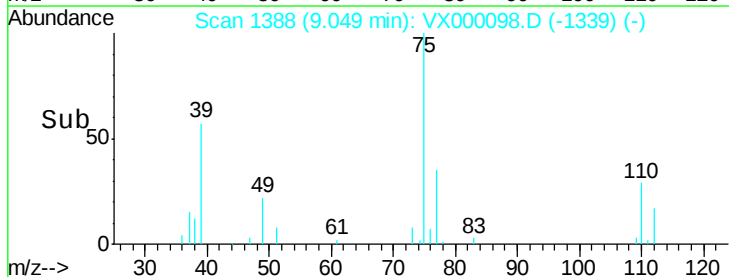
1000

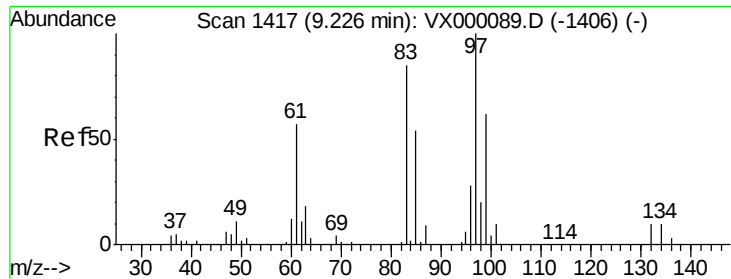
500

0

9.00 9.05 9.10

Time-->





#55

1,1,2-Trichloroethane

Concen: 2.05 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VX000098.D

Acq: 15 Feb 2018 14:29

Instrument :

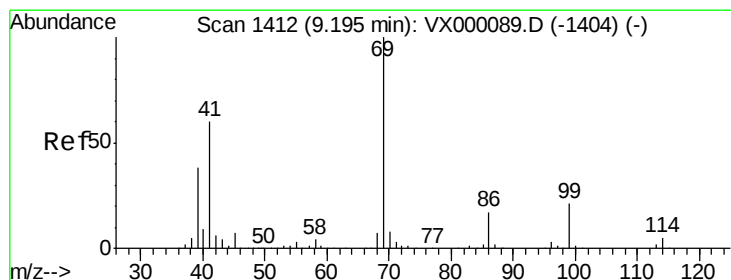
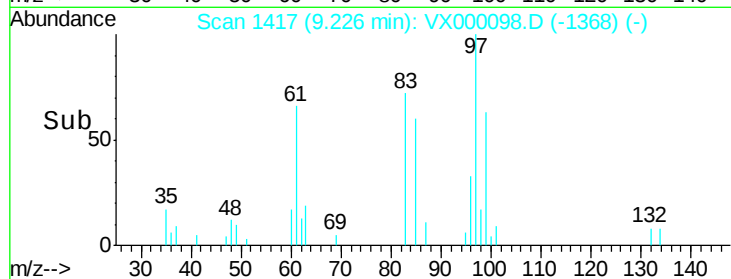
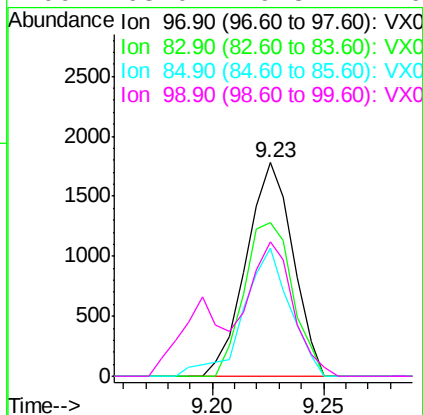
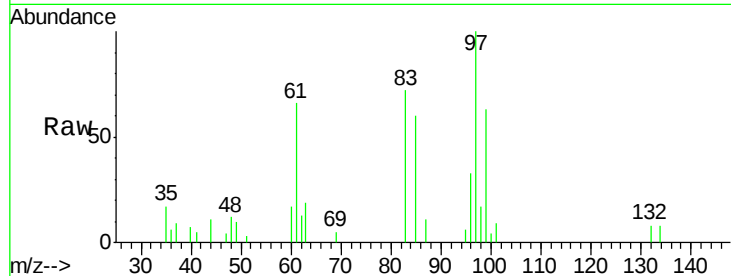
ClientSampled :

MDL07 2.00PPB

Tot Ion:	97	Resp:	2604
Ion	Ratio	Lower	Upper
97	100		
83	72.0	67.6	101.4
85	59.9	42.9	64.3
99	63.0	49.8	74.6

Manual Integrations
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sam
2/16/2018 4:51:02 PM



#56

Ethyl methacrylate

Concen: 1.98 ug/l

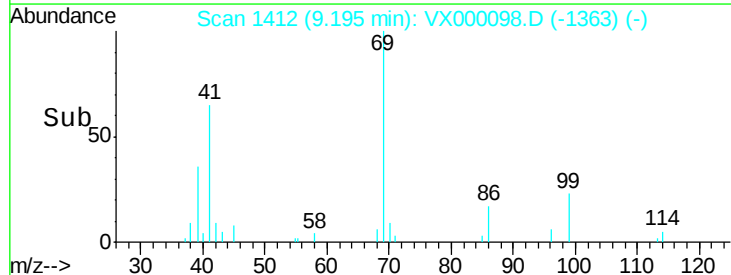
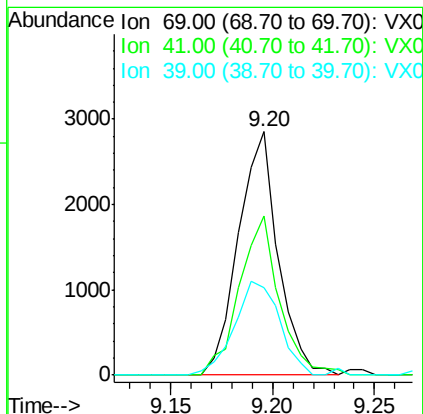
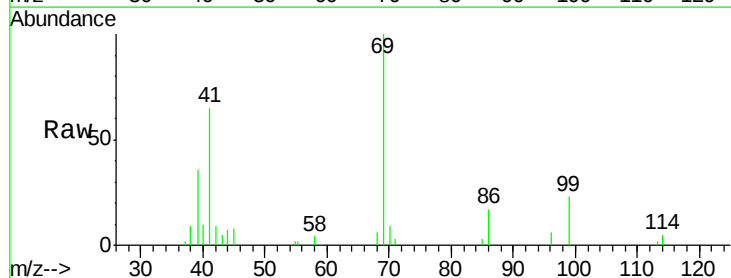
RT: 9.20 min Scan# 1412

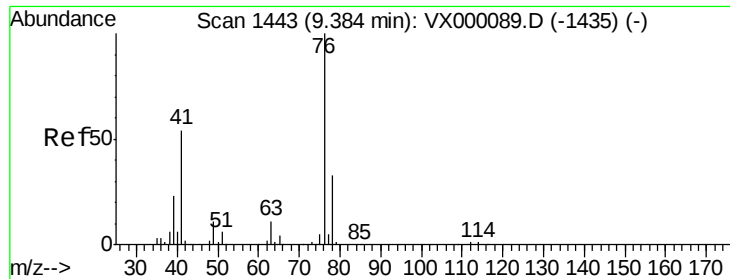
Delta R.T. -0.00 min

Lab File: VX000098.D

Acq: 15 Feb 2018 14:29

Tgt Ion:	69	Resp:	3860
Ion	Ratio	Lower	Upper
69	100		
41	66.1	49.4	74.0
39	43.6	31.3	46.9





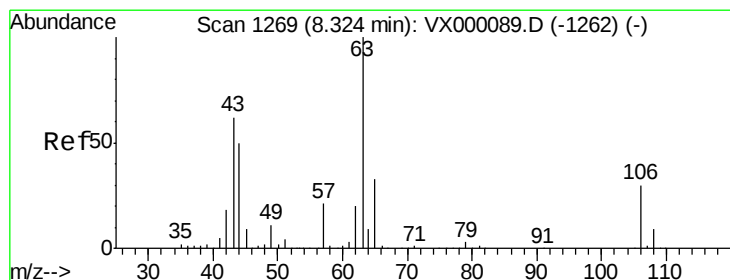
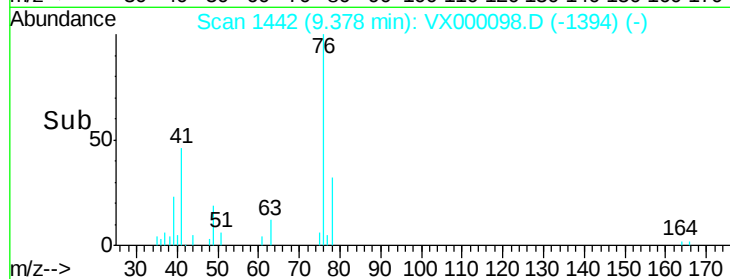
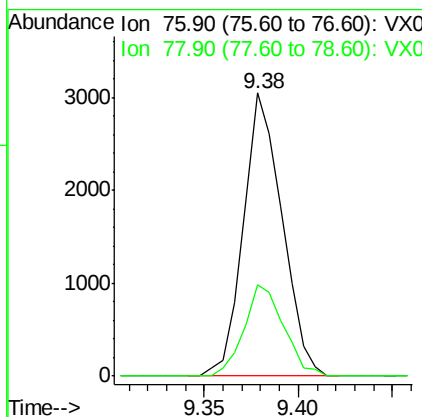
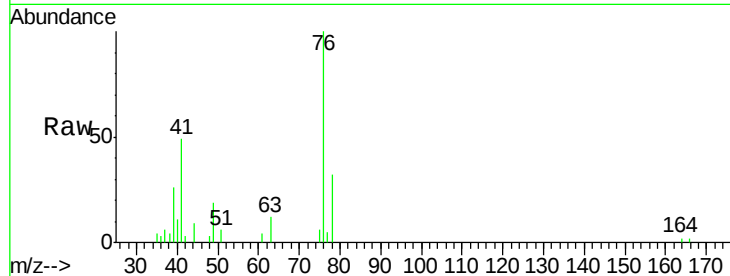
#57
 1,3-Dichloropropane
 Concen: 2.15 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VX000098.D
 Acq: 15 Feb 2018 14:29

Instrument :
 ClientSampled :
 MDL07 2.00PPB

Tot Ion: 76 Resp: 4336
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.8

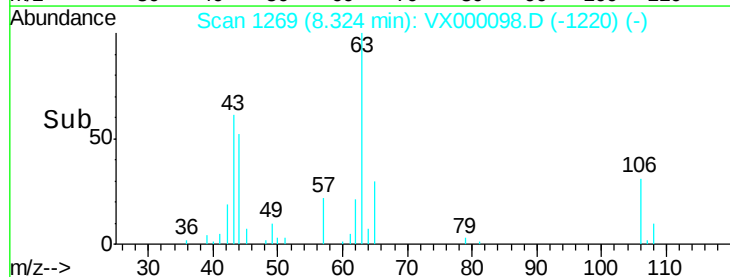
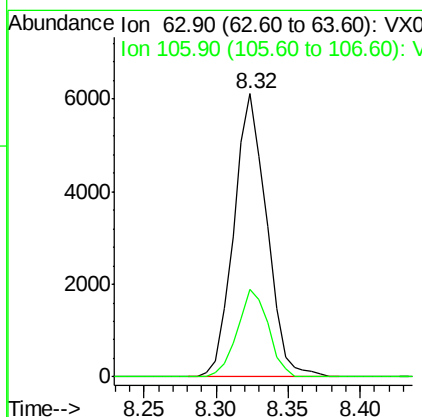
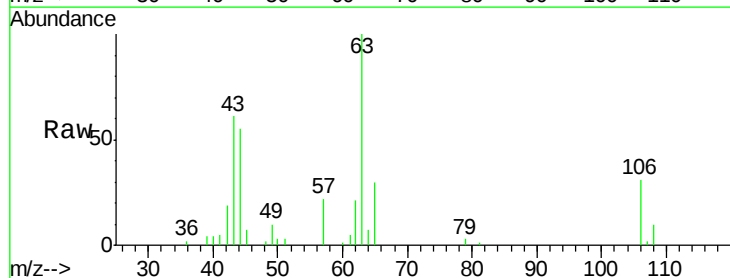
Manual Integrations
 APPROVED

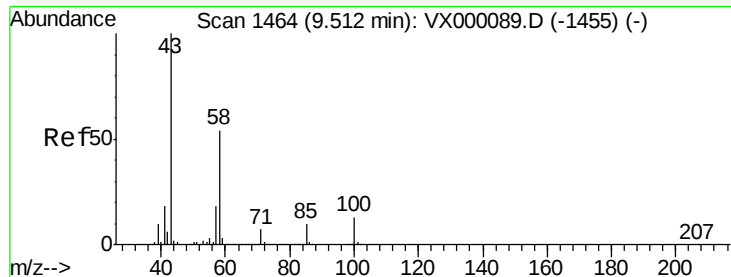
sam
 2/16/2018 4:51:02 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 9.87 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000098.D
 Acq: 15 Feb 2018 14:29

Tgt Ion: 63 Resp: 9721
 Ion Ratio Lower Upper
 63 100
 106 29.1 24.6 37.0





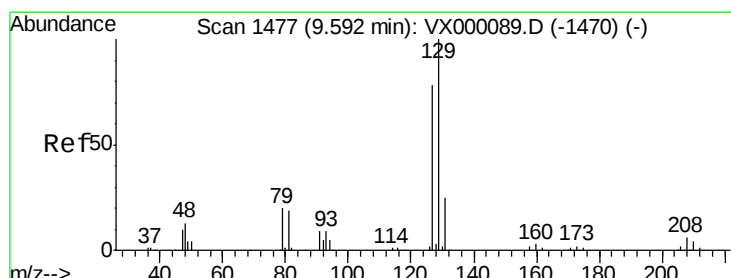
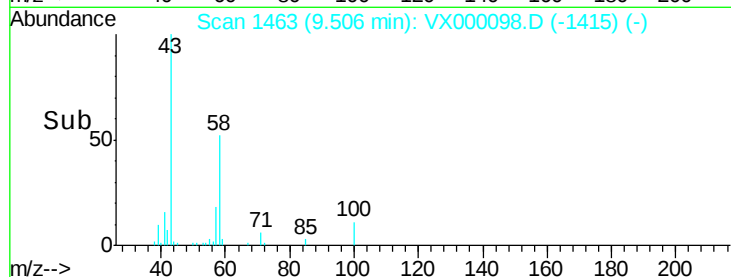
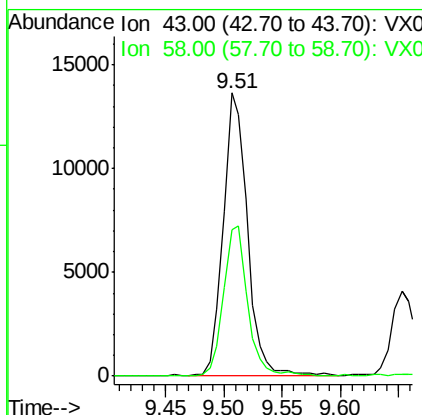
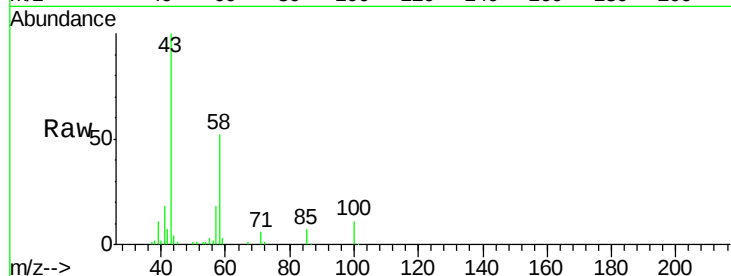
#59
2-Hexanone
Concen: 10.01 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 2.00PPB

Tot Ion: 43 Resp: 19751
Ion Ratio Lower Upper
43 100
58 52.8 27.1 81.3

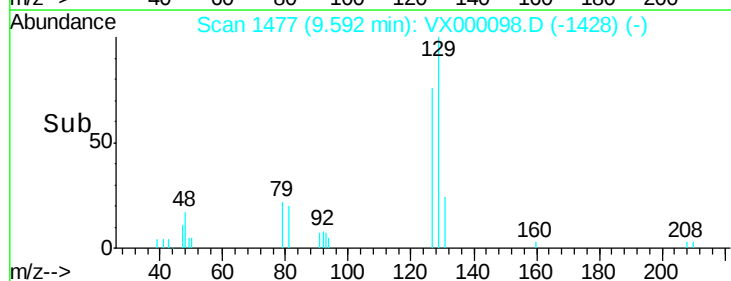
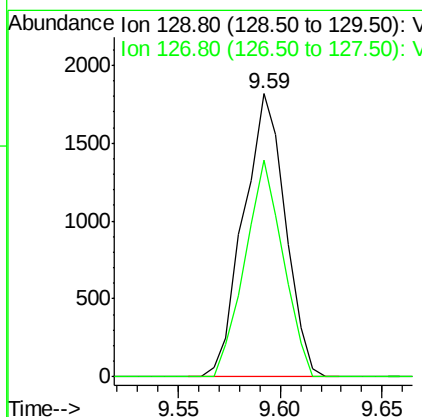
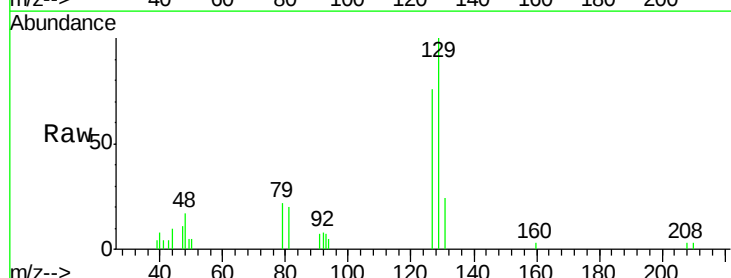
Manual Integrations
APPROVED

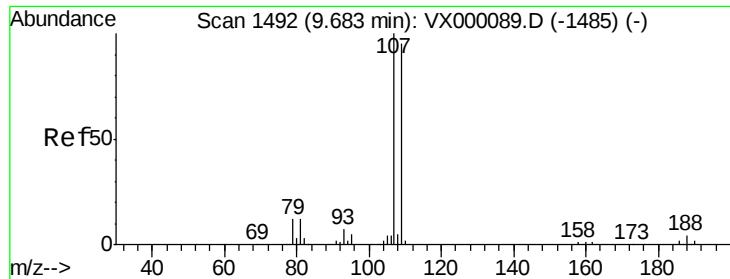
sam
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#60
Dibromochloromethane
Concen: 1.80 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Tgt Ion: 129 Resp: 2590
Ion Ratio Lower Upper
129 100
127 69.8 37.6 112.9





#61

1,2-Dibromoethane

Concen: 1.96 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000098.D

Acq: 15 Feb 2018 14:29

Instrument :

ClientSampled :

MDL07 2.00PPB

Tot Ion:107 Resp: 2765

Ion Ratio Lower Upper

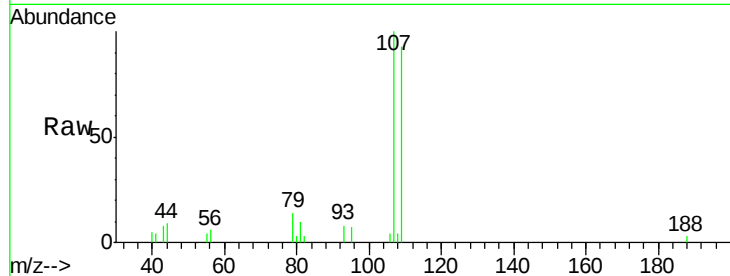
107 100

109 94.8 76.4 114.6

Manual Integrations
APPROVED

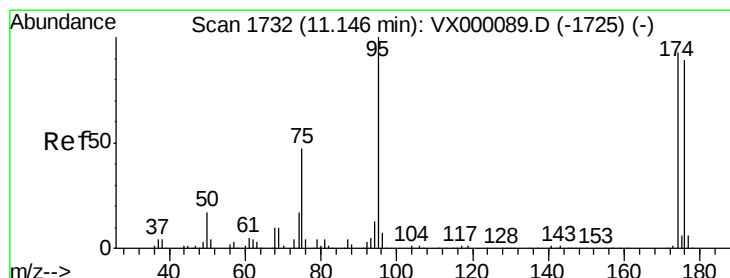
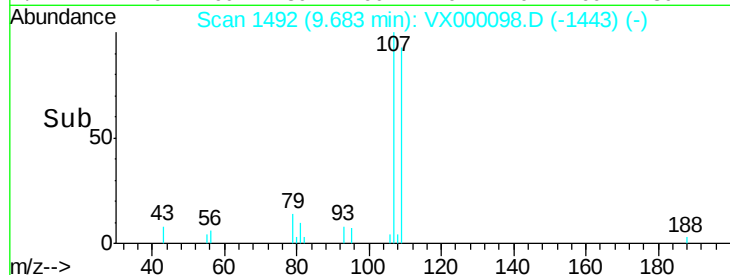
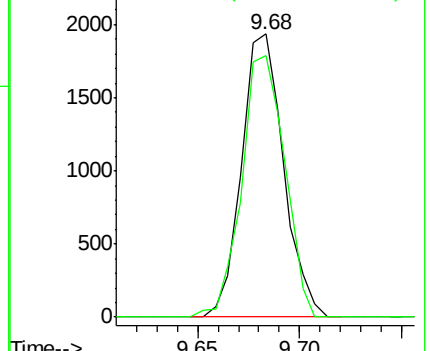
sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.73 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000098.D

Acq: 15 Feb 2018 14:29

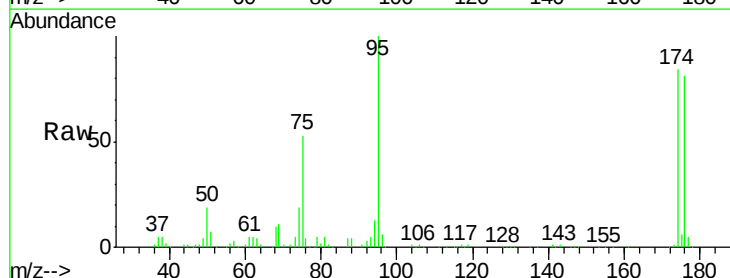
Tgt Ion: 95 Resp: 81774

Ion Ratio Lower Upper

95 100

174 85.2 0.0 187.8

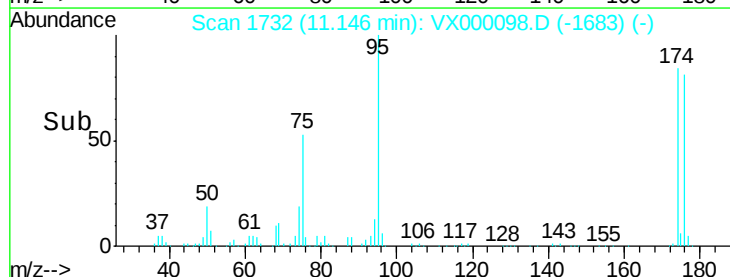
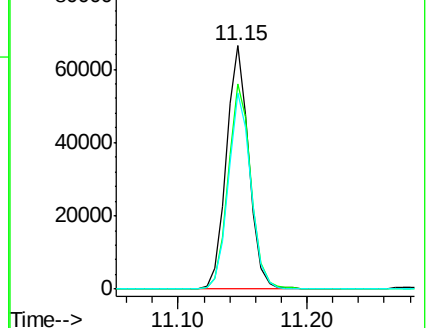
176 81.2 0.0 181.2

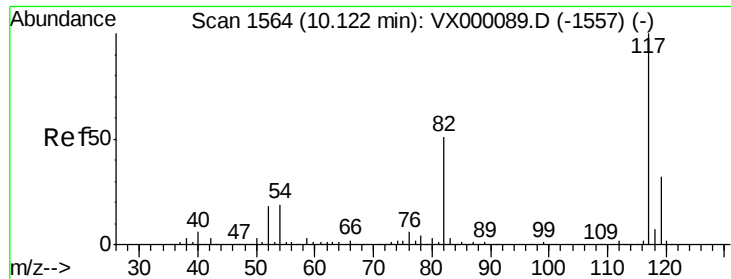


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





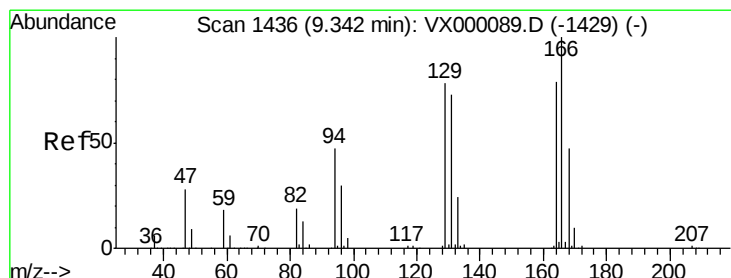
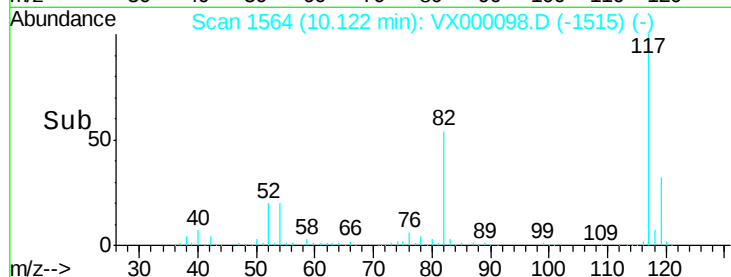
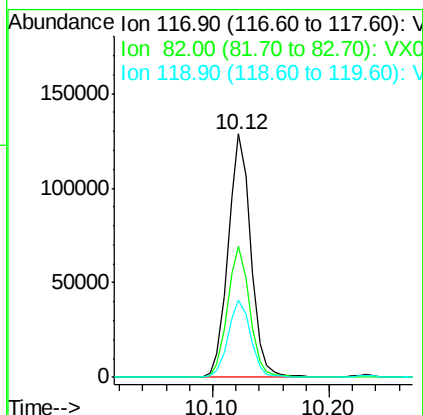
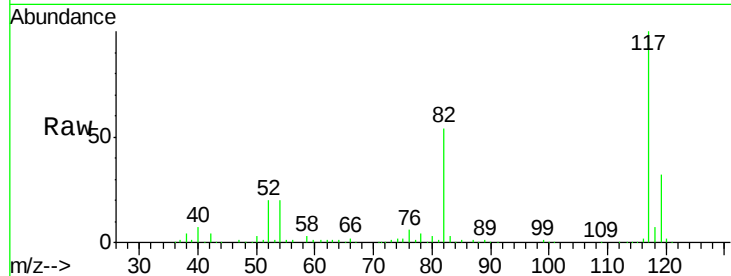
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 2.00PPB

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	41.0	61.6
119	31.9	25.5	38.3

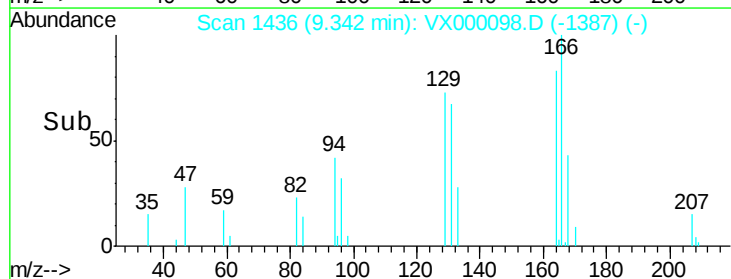
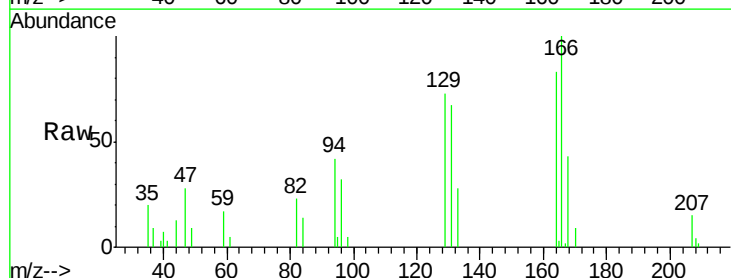
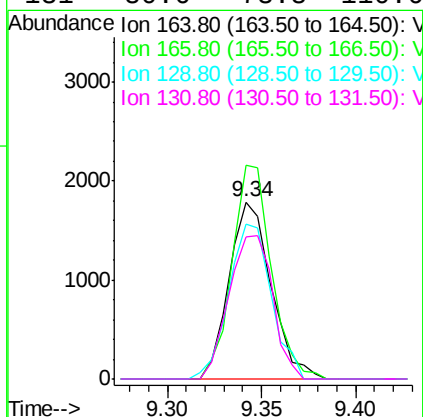
Manual Integrations
APPROVED

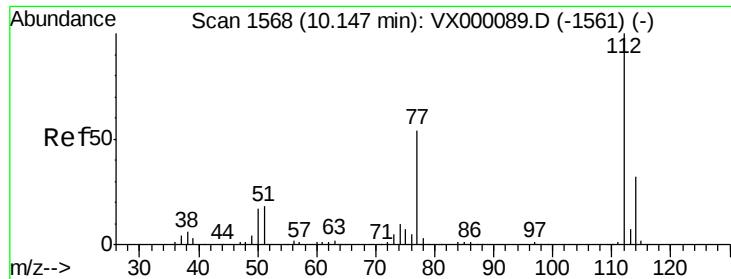
sam
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#64
Tetrachloroethene
Concen: 2.18 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.7	101.4	152.2
129	87.5	78.6	118.0
131	80.6	73.8	110.6





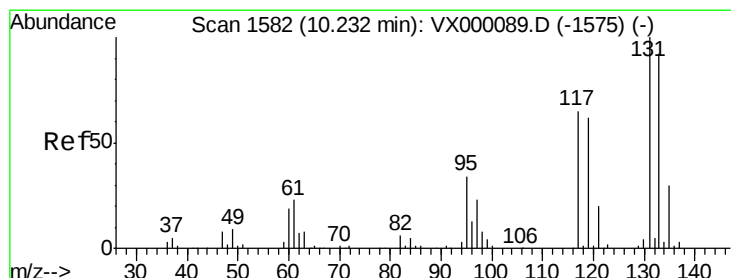
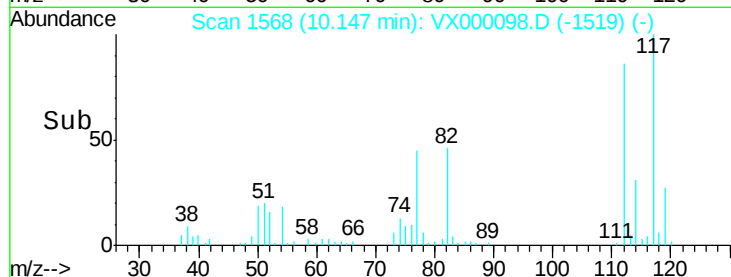
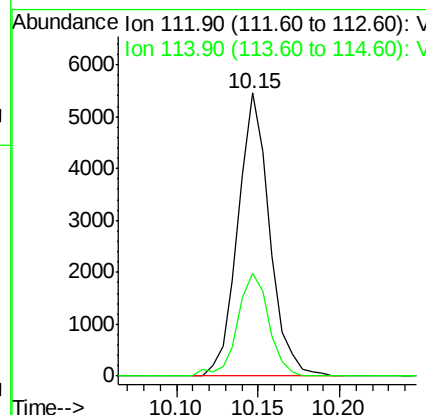
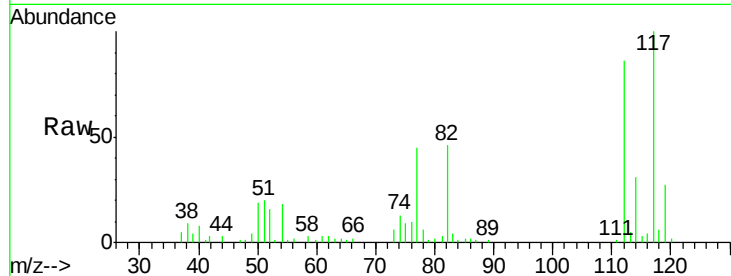
#65
Chlorobenzene
Concen: 2.00 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 2.00PPB

Tot Ion:112 Resp: 7376
Ion Ratio Lower Upper
112 100
114 36.3 25.6 38.4

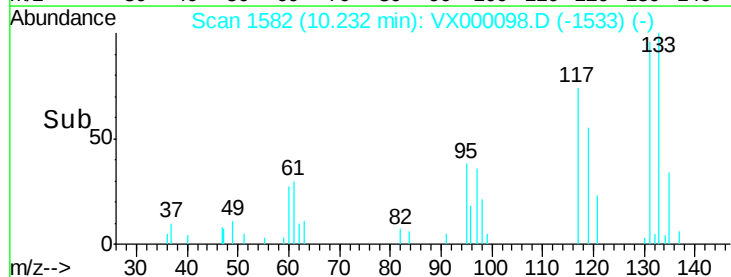
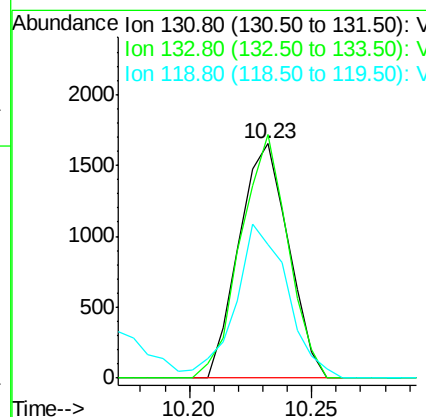
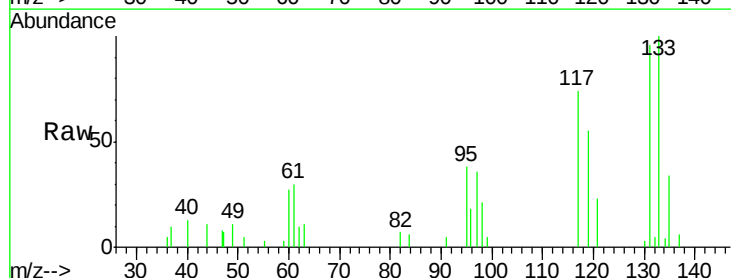
Manual Integrations
APPROVED

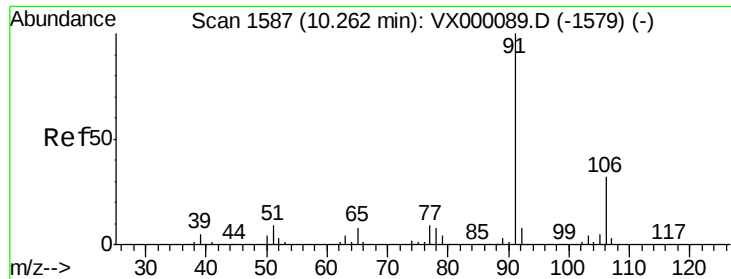
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 1.81 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Tgt Ion:131 Resp: 2332
Ion Ratio Lower Upper
131 100
133 99.0 47.4 142.3
119 0.0 31.7 95.1#





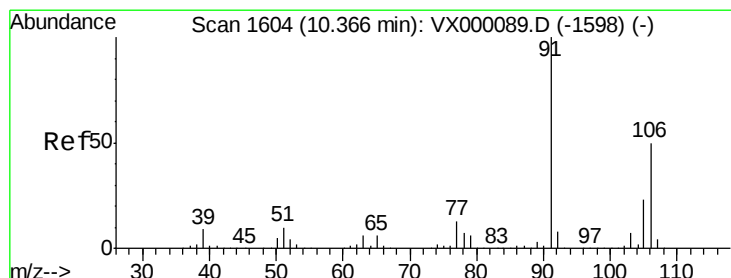
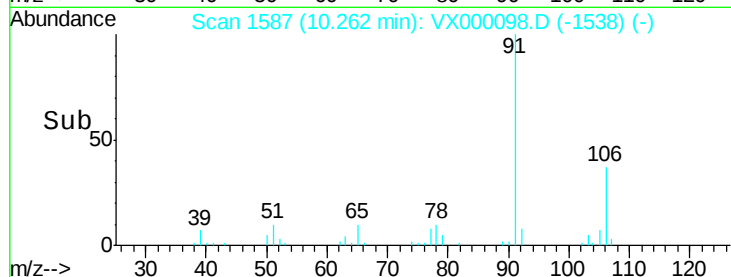
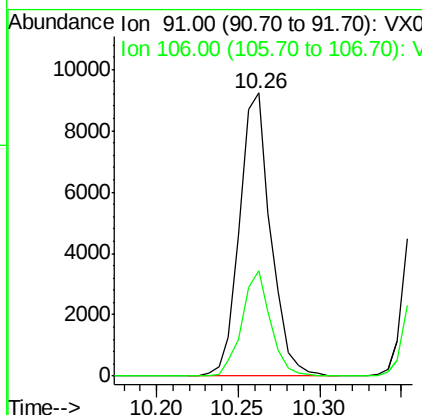
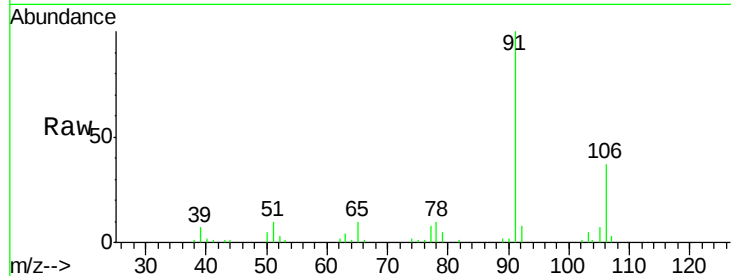
#67
Ethyl Benzene
Concen: 1.99 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 15 Feb 2018 14:29

Instrument :
Client Sampled :
MDL07 2.00PPB

Tot Ion: 91 Resp: 12303
Ion Ratio Lower Upper
91 100
106 37.2 25.8 38.6

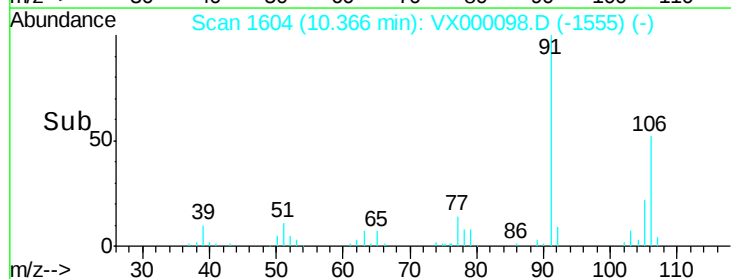
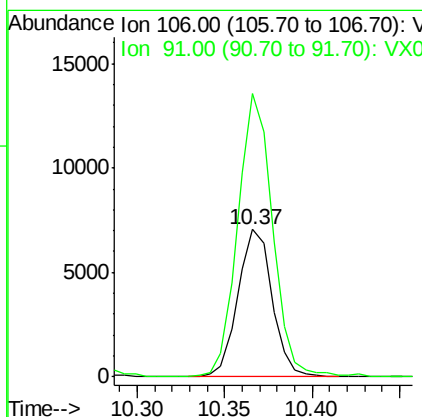
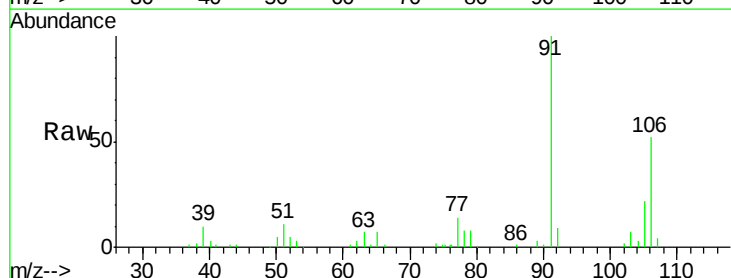
Manual Integrations
APPROVED

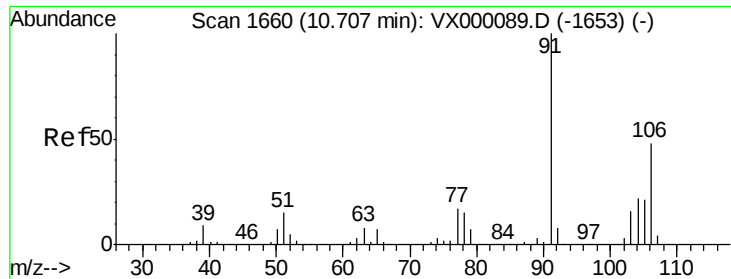
sam
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#68
m/p-Xylenes
Concen: 3.95 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000089.D
Acq: 15 Feb 2018 14:29

Tgt Ion: 106 Resp: 9659
Ion Ratio Lower Upper
106 100
91 195.2 159.1 238.7





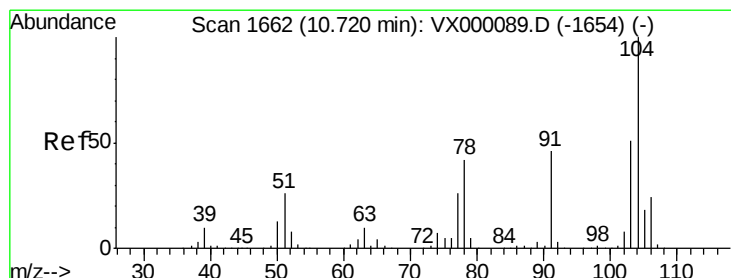
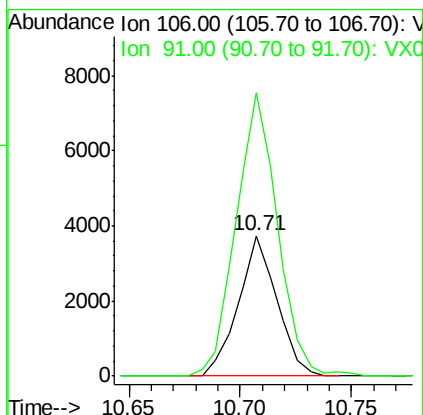
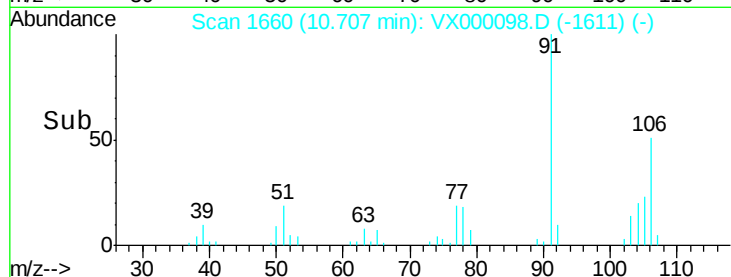
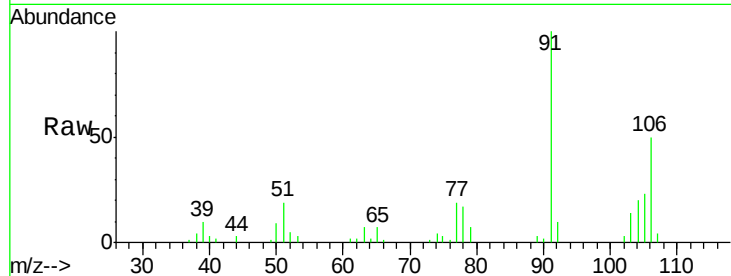
#69
o-Xylene
Concen: 1.92 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Instrument :
Client Sampled :
MDL07 2.00PPB

Tot Ion:106 Resp: 4533
Ion Ratio Lower Upper
106 100
91 215.6 103.8 311.6

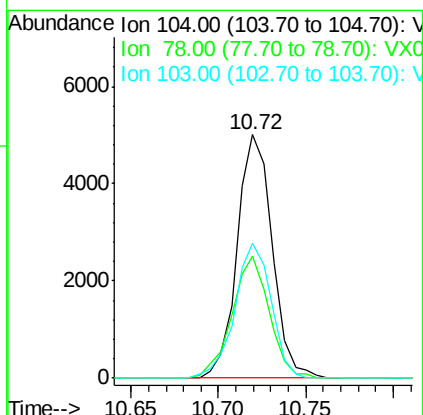
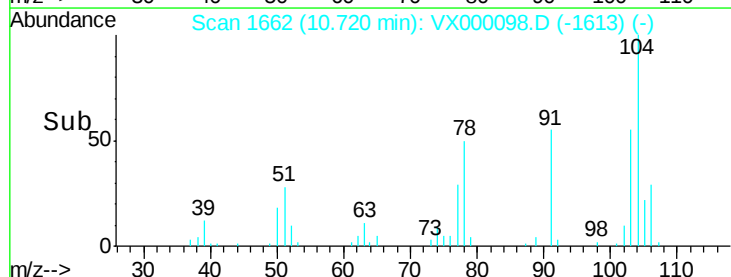
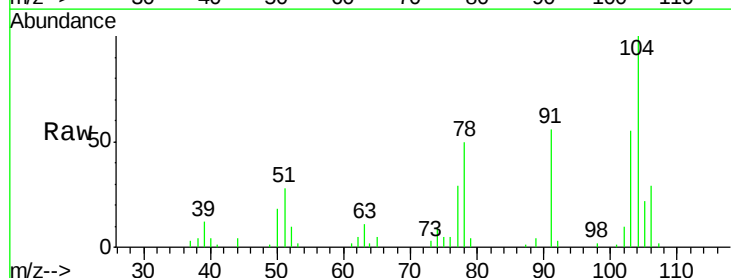
Manual Integrations
APPROVED

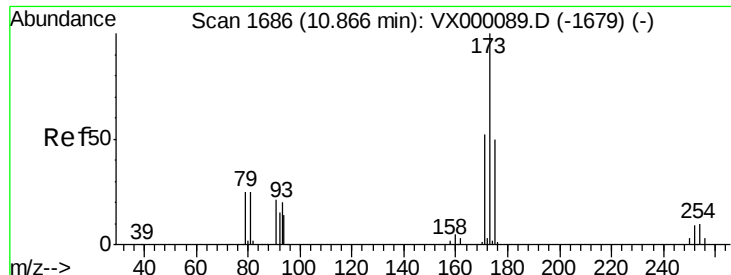
sam
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#70
Styrene
Concen: 1.81 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Tgt Ion:104 Resp: 6982
Ion Ratio Lower Upper
104 100
78 53.3 38.2 57.4
103 57.3 44.2 66.4





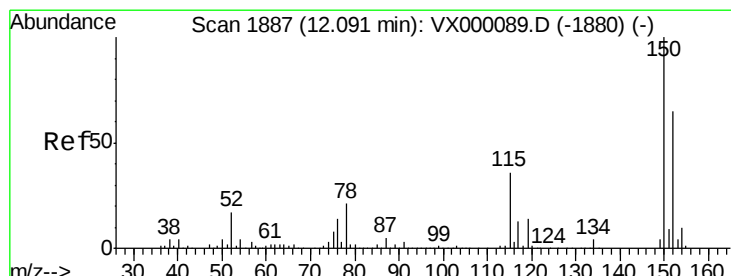
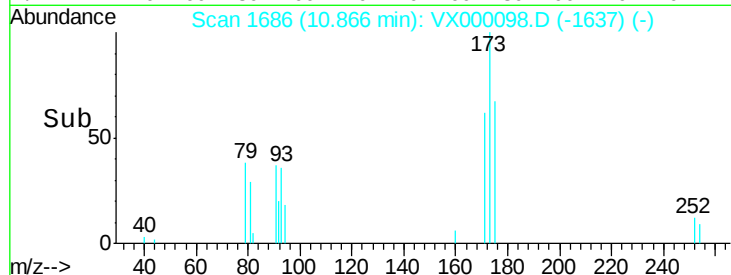
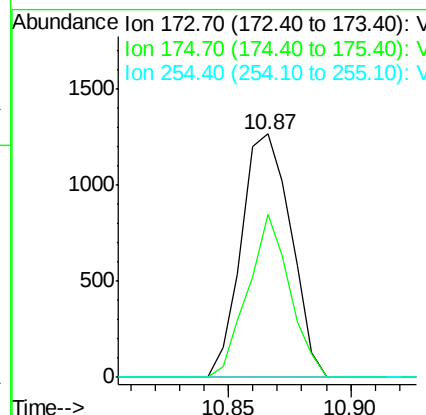
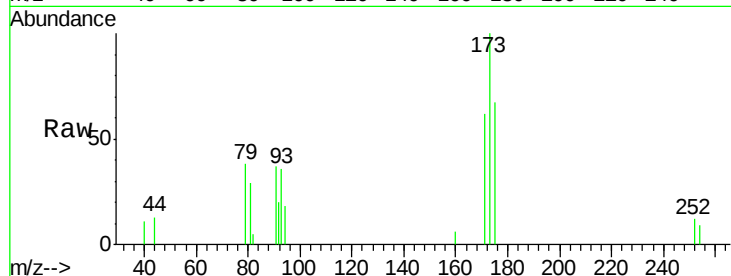
#71
Bromoform
Concen: 1.53 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 15 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 2.00PPB

Tot Ion:173 Resp: 1785
Ion Ratio Lower Upper
173 100
175 56.5 24.3 73.0
254 0.0 0.0 0.0

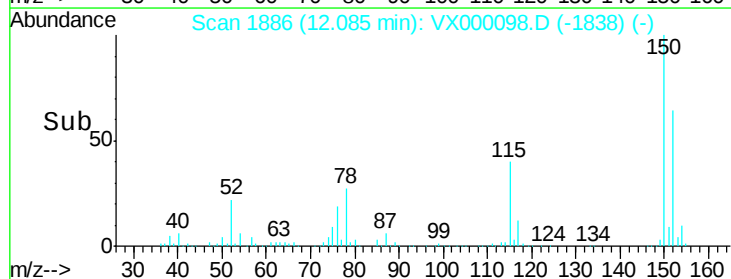
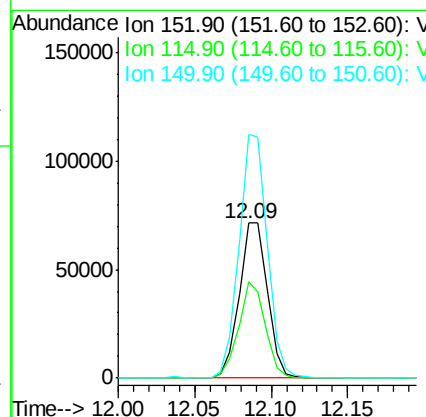
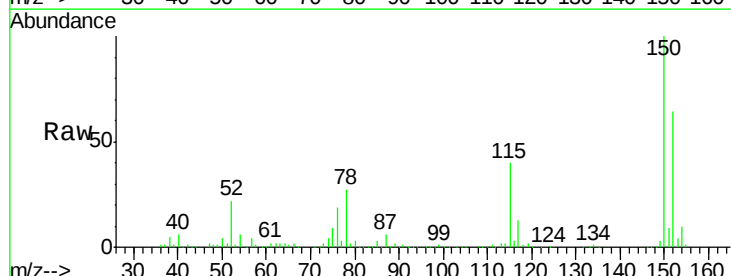
Manual Integrations
APPROVED

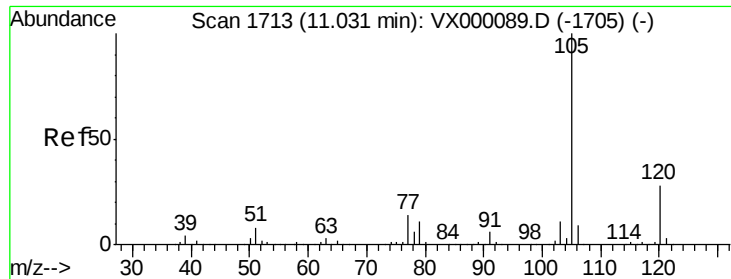
sam
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000089.D
Acq: 15 Feb 2018 14:29

Tgt Ion:152 Resp: 91229
Ion Ratio Lower Upper
152 100
115 58.7 39.1 117.2
150 157.1 0.0 348.2





#73

Isopropylbenzene

Concen: 2.12 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VX000089.D

Acq: 15 Feb 2018 14:29

Instrument :

ClientSampled :

MDL07 2.00PPB

Tot Ion:105 Resp: 12286

Ion Ratio Lower Upper

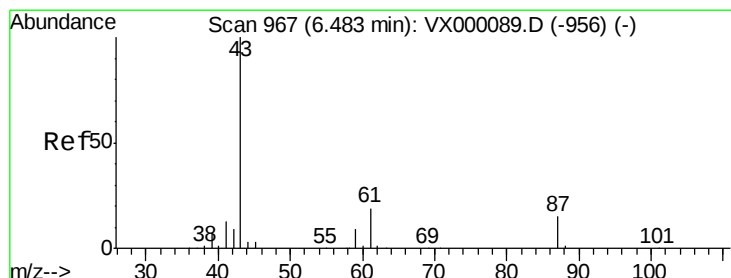
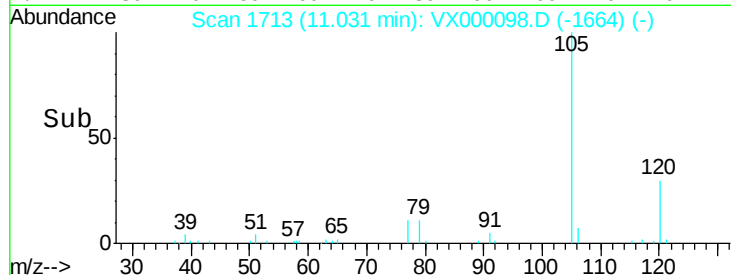
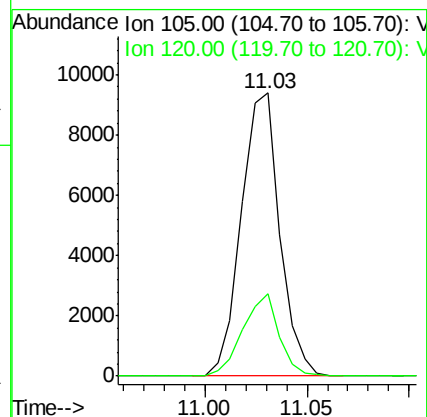
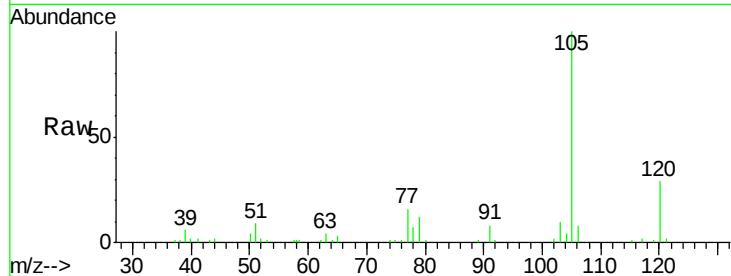
105 100

120 27.3 14.0 42.0

Manual Integrations
APPROVED

sam

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#74

N-ethyl acetate

Concen: 2.16 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000089.D

Acq: 15 Feb 2018 14:29

Tgt Ion: 43 Resp: 6297

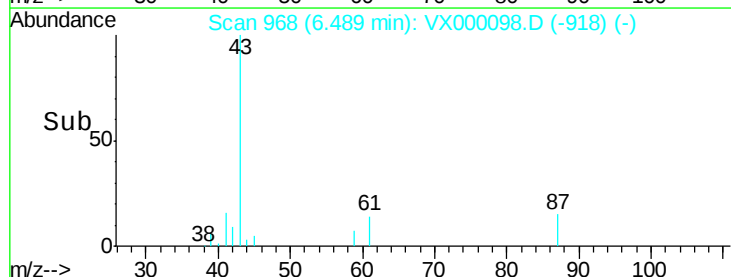
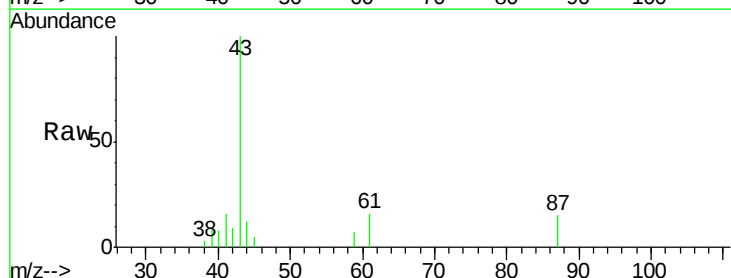
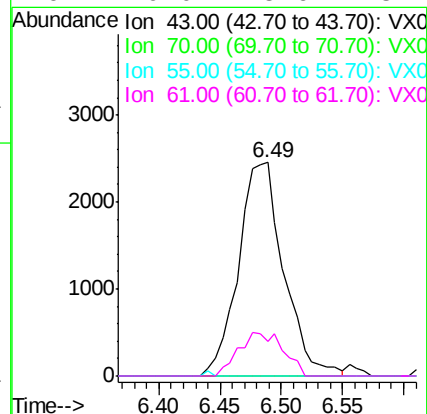
Ion Ratio Lower Upper

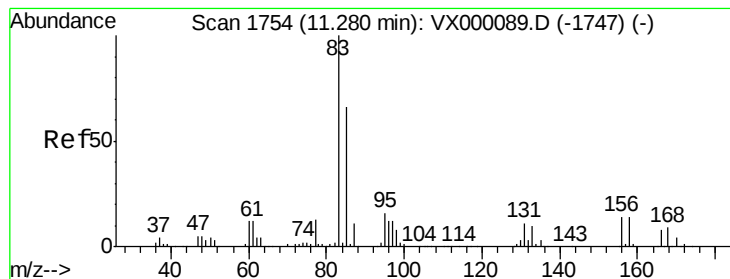
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.0 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 2.10 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000098.D

Acq: 15 Feb 2018 14:29

Instrument :

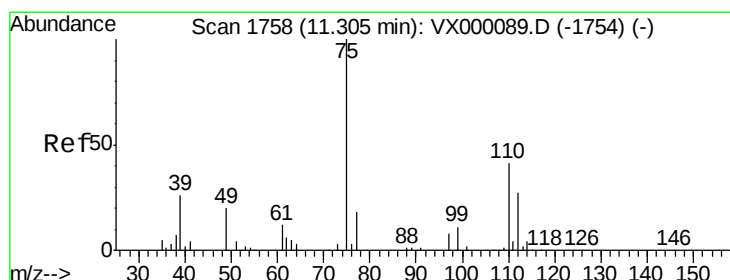
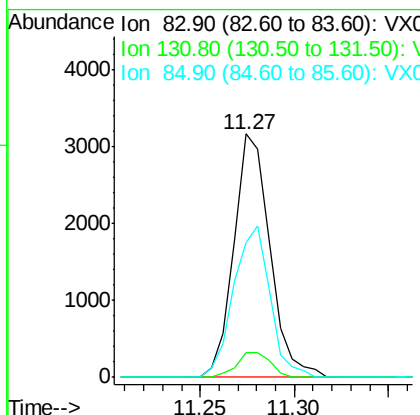
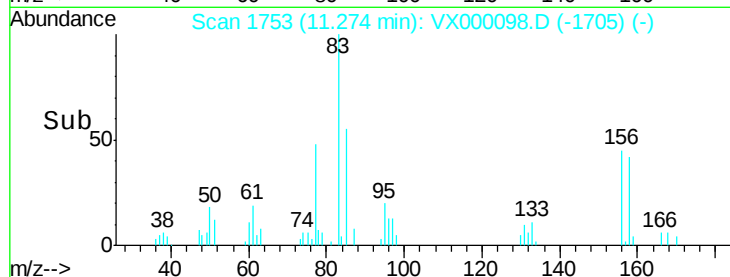
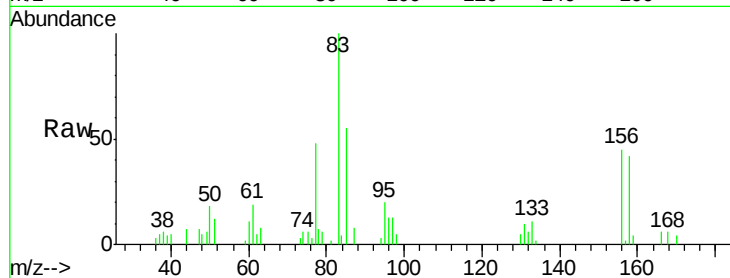
ClientSampled :

MDL07 2.00PPB

Tot Ion:	83	Resp:	4220
Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.6	16.8
85	62.5	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 2.06 ug/l m

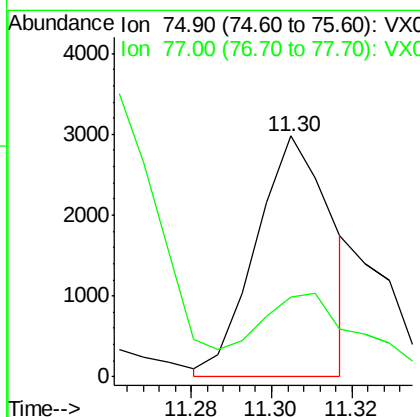
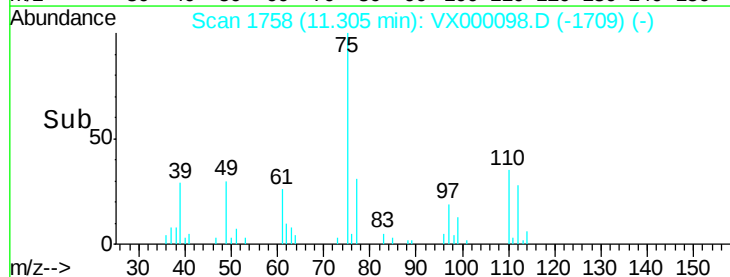
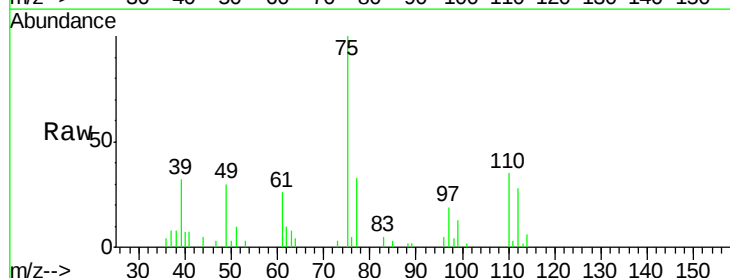
RT: 11.30 min Scan# 1758

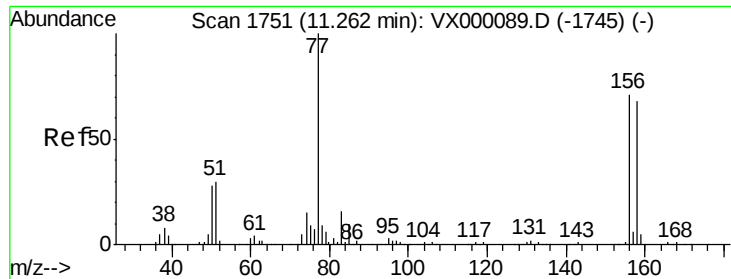
Delta R.T. 0.00 min

Lab File: VX000098.D

Acq: 15 Feb 2018 14:29

Tgt Ion:	75	Resp:	3895
Ion	Ratio	Lower	Upper
75	100		
77	48.0	22.8	68.3





#77

Bromobenzene

Concen: 2.15 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000098.D

Acq: 15 Feb 2018 14:29

Instrument :

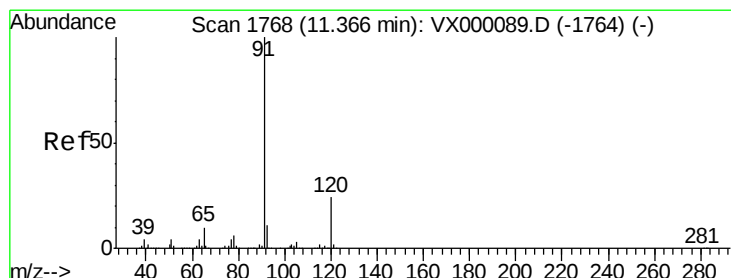
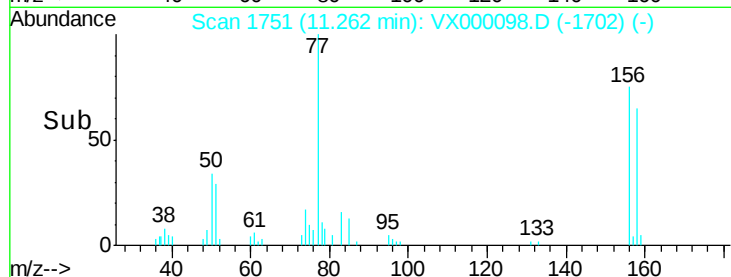
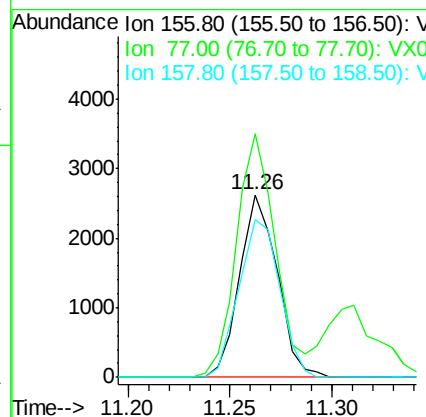
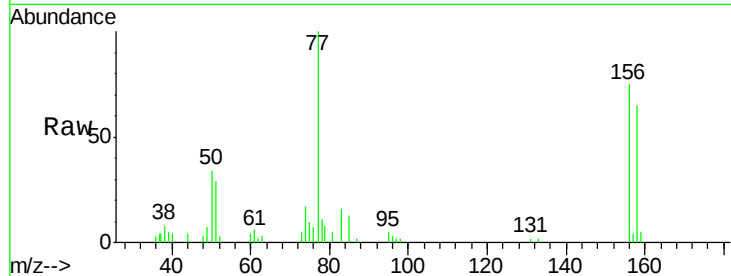
ClientSampled :

MDL07 2.00PPB

Tot Ion	Ratio	Lower	Upper
156	100		
77	137.6	67.0	201.0
158	93.7	48.3	144.9

Manual Integrations
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#78

n-propylbenzene

Concen: 2.20 ug/l

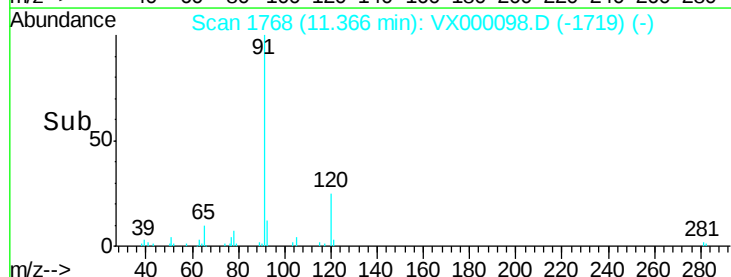
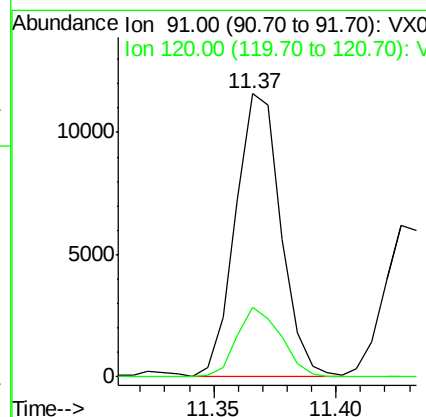
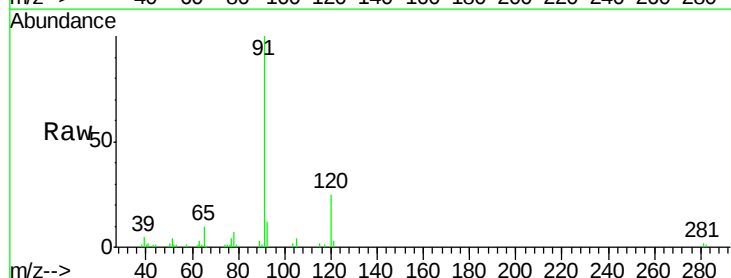
RT: 11.37 min Scan# 1768

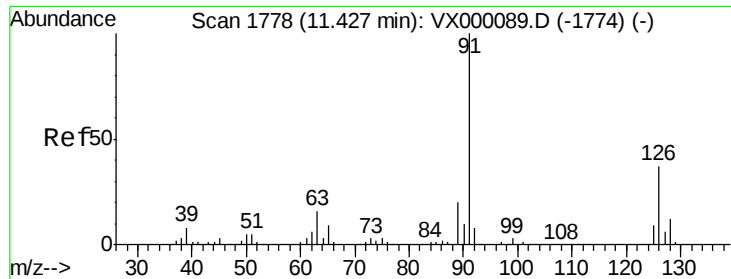
Delta R.T. -0.00 min

Lab File: VX000098.D

Acq: 15 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	12.3	36.9





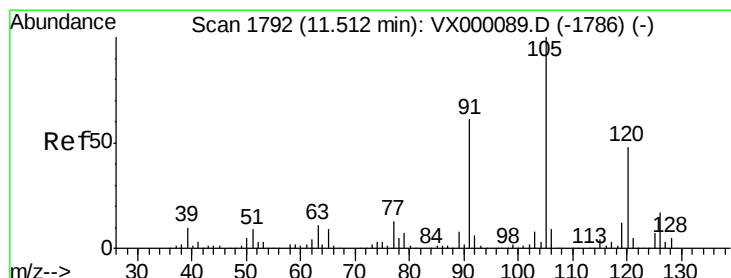
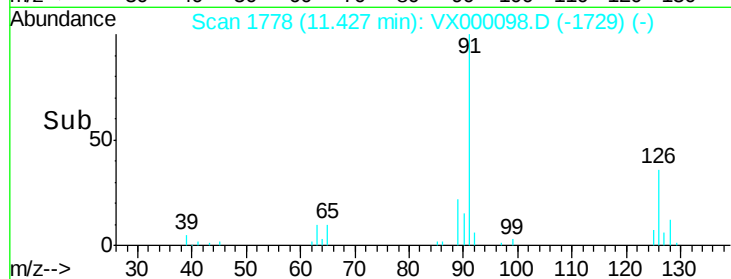
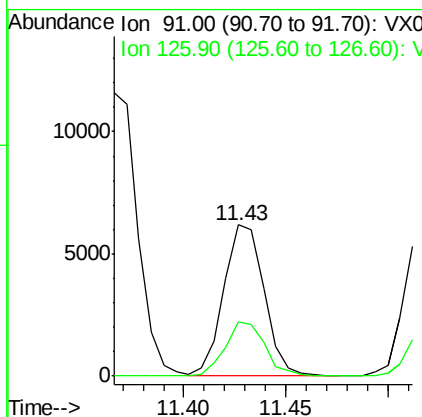
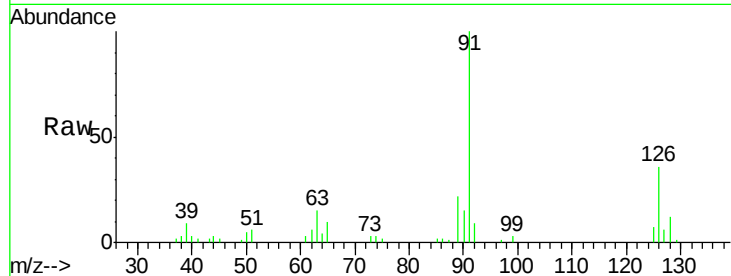
#79
 2-Chlorotoluene
 Concen: 2.18 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000098.D
 Acq: 15 Feb 2018 14:29

Instrument :
 ClientSampled :
 MDL07 2.00PPB

Tot Ion: 91 Resp: 8514
 Ion Ratio Lower Upper
 91 100
 126 34.8 18.4 55.2

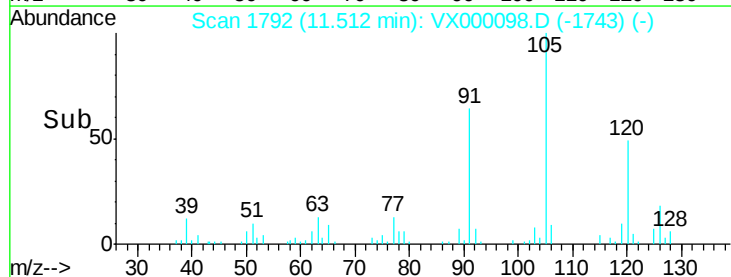
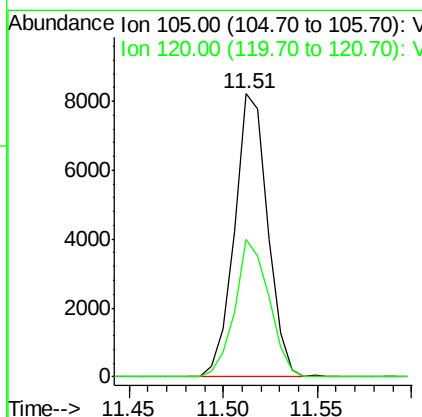
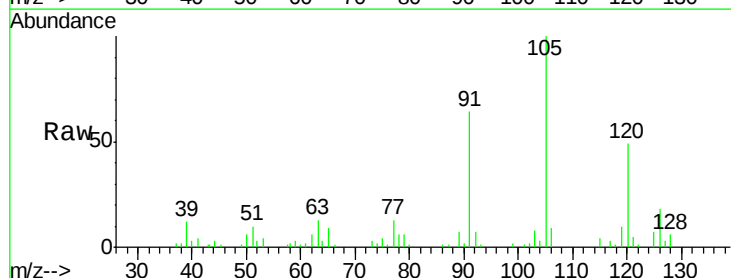
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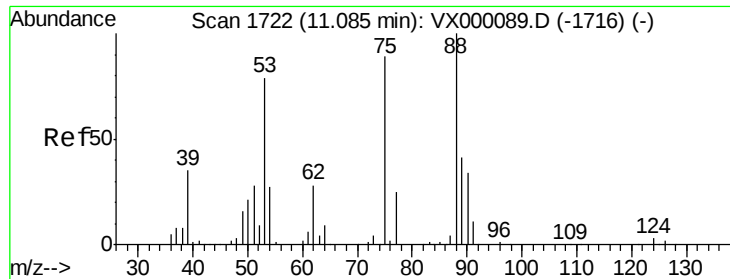
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#80
 1,3,5-Trimethylbenzene
 Concen: 2.05 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000098.D
 Acq: 15 Feb 2018 14:29

Tgt Ion: 105 Resp: 10032
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.6





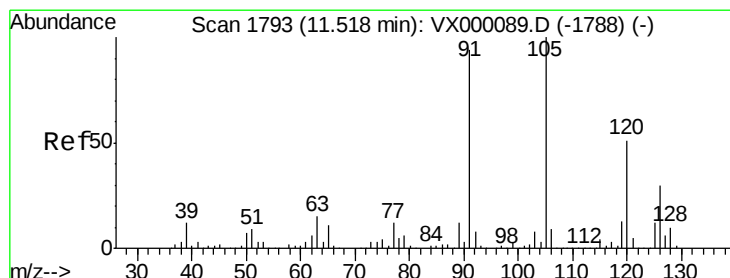
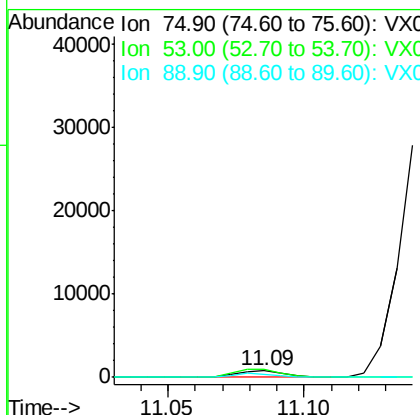
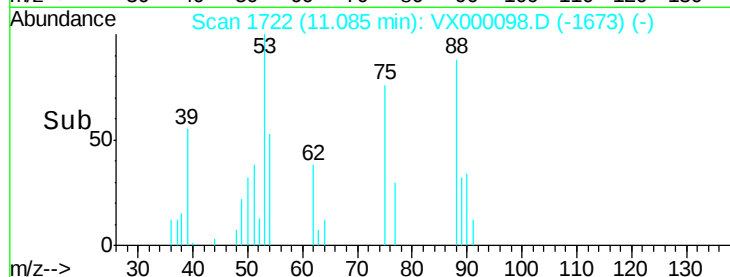
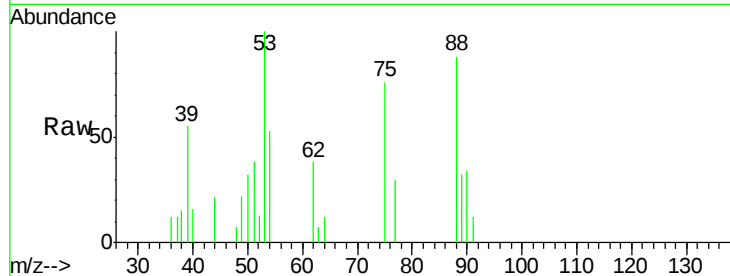
#81
trans-1,4-Dichloro-2-butene
Concen: 1.48 ug/l m
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000089.D
Acq: 15 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 2.00PPB

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.3	108.5#
89	0.0	40.6	60.8#

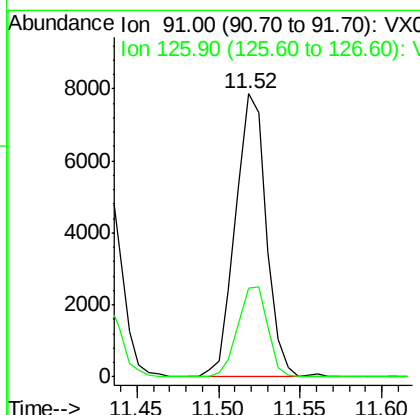
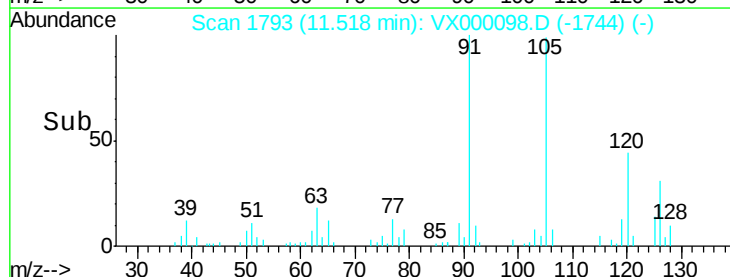
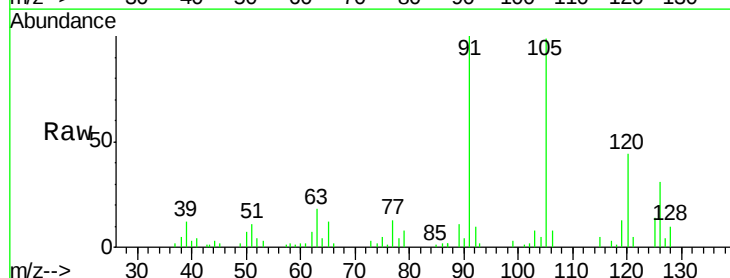
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#82
4-Chlorotoluene
Concen: 2.21 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000089.D
Acq: 15 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	16.7	50.0





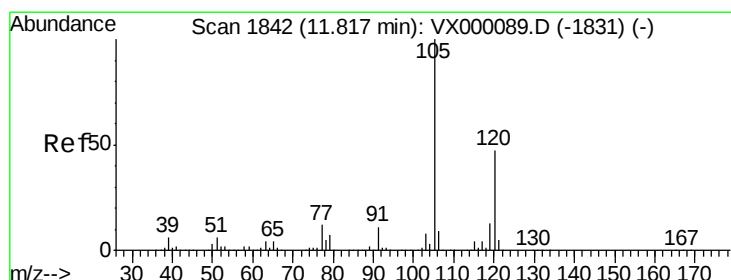
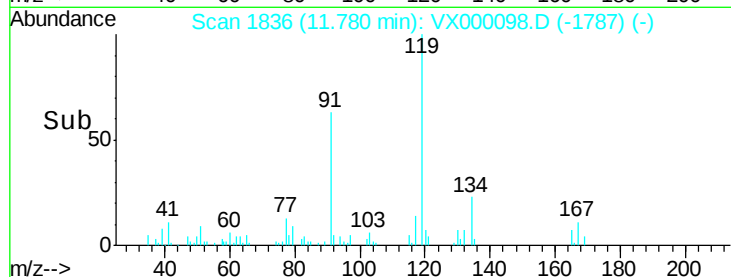
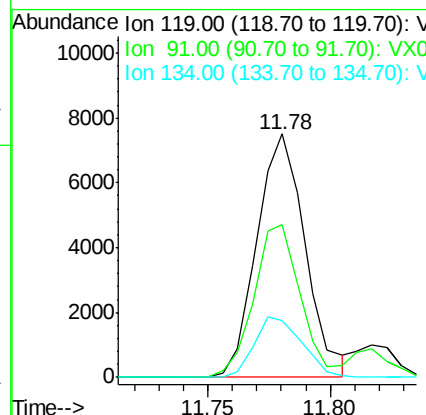
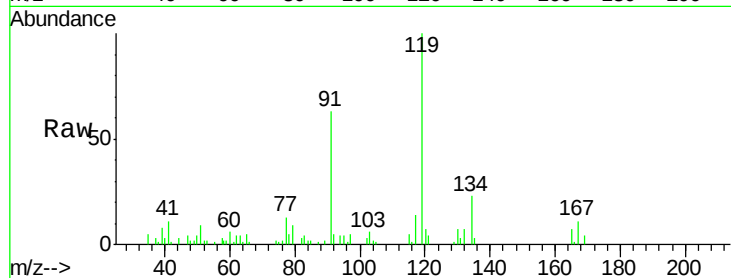
#83
tert-Butylbenzene
Concen: 2.09 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 2.00PPB

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.0	28.4	85.2
134	24.2	11.8	35.4

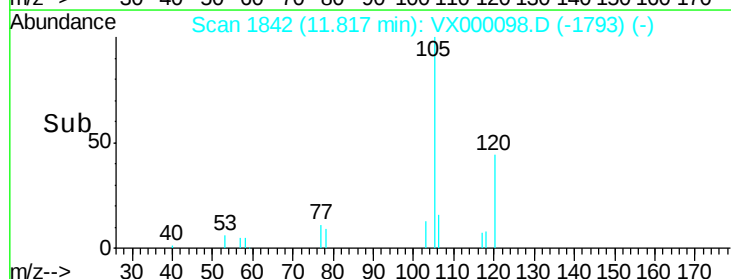
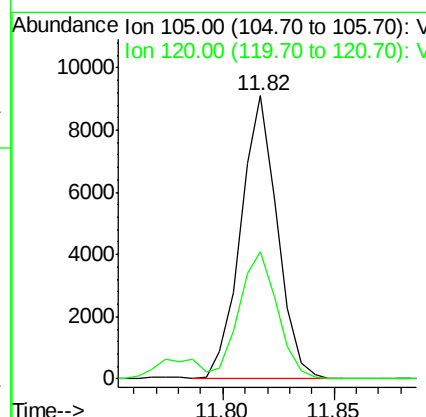
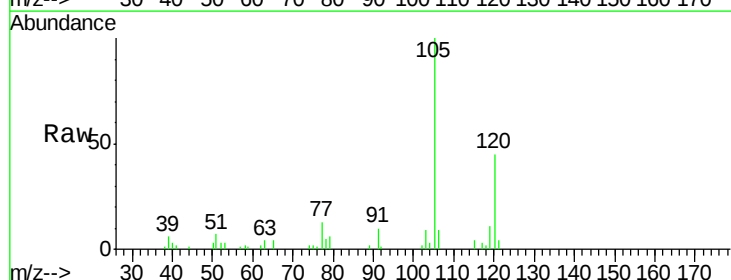
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#84
1,2,4-Trimethylbenzene
Concen: 2.05 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000098.D
Acq: 15 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.1	69.2





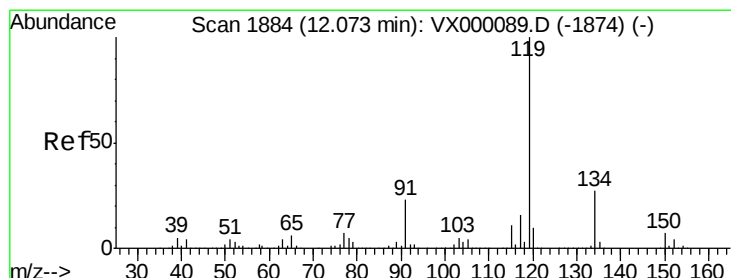
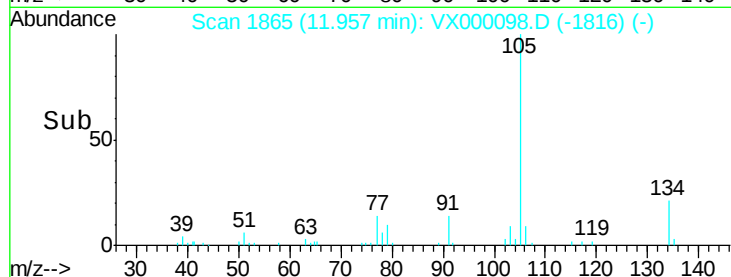
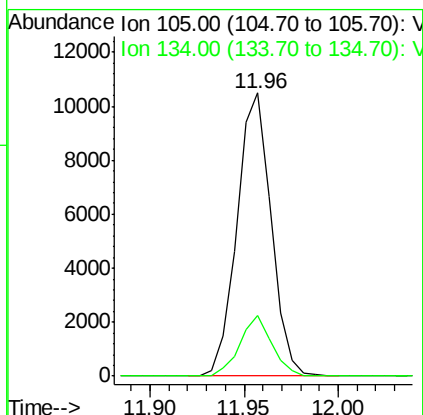
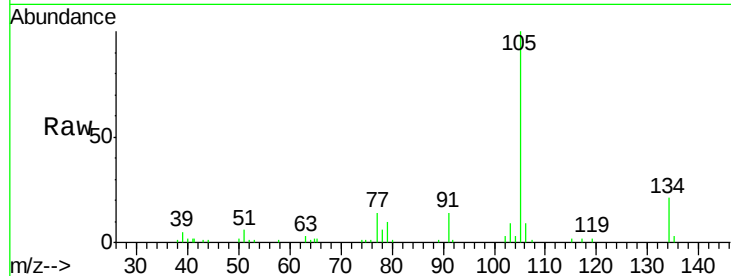
#85
 sec-Butylbenzene
 Concen: 2.15 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000089.D
 Acq: 15 Feb 2018 14:29

Instrument :
 Client Sampled :
 MDL07 2.00PPB

Tot Ion:105 Resp: 13167
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.5 31.6

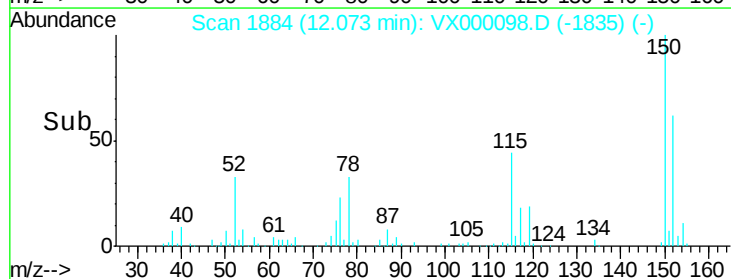
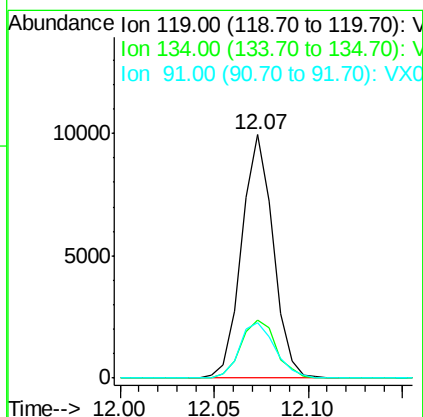
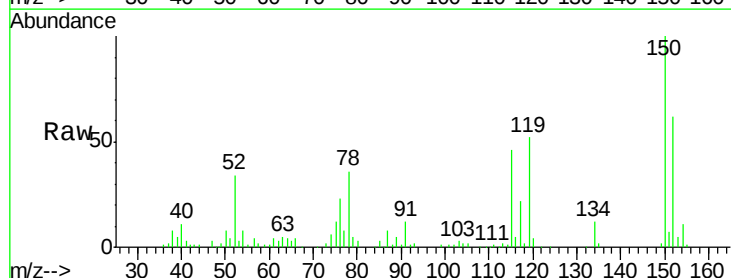
Manual Integrations
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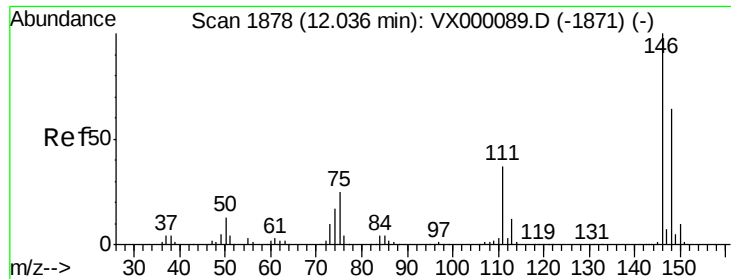
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#86
 p-Isopropyltoluene
 Concen: 2.11 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000089.D
 Acq: 15 Feb 2018 14:29

Tgt Ion:119 Resp: 11535
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.7 41.0
 91 25.6 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 1.98 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VX000098.D

Acq: 15 Feb 2018 14:29

Instrument :

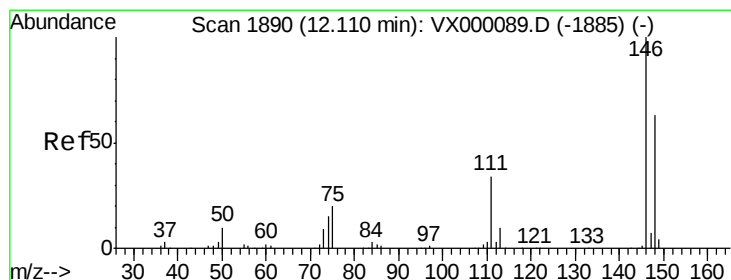
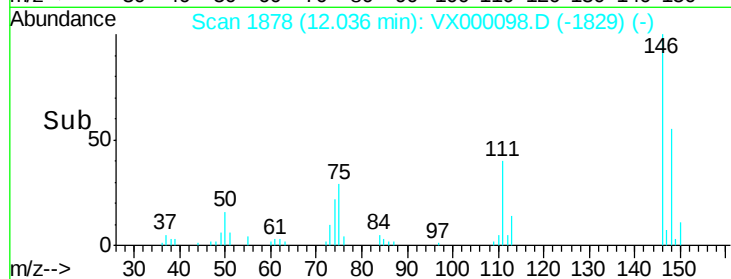
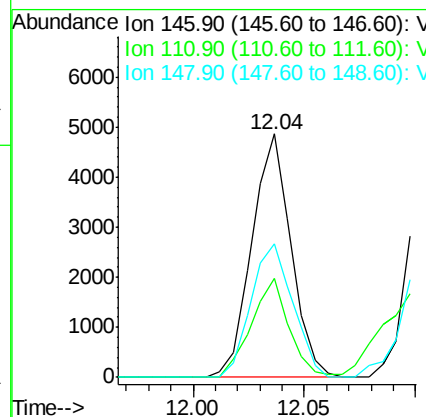
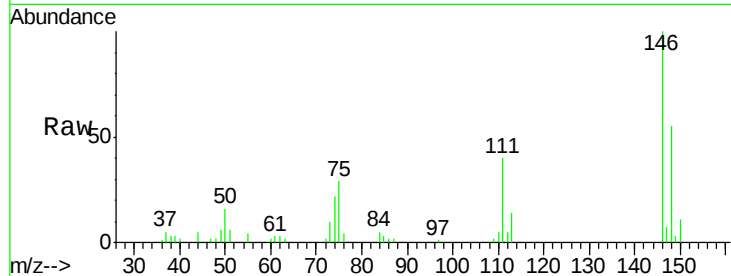
ClientSampled :

MDL07 2.00PPB

Tot Ion:	146	Resp:	5967
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.1	57.3
148	58.4	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 2.13 ug/l

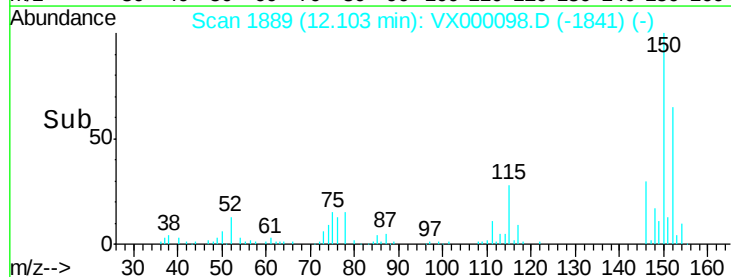
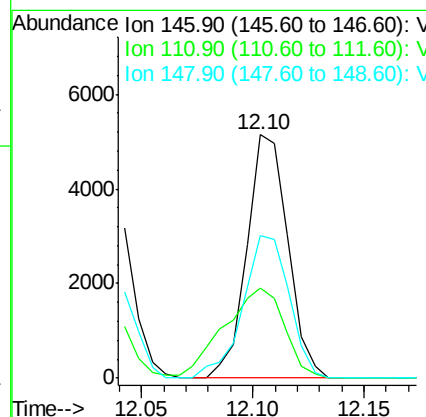
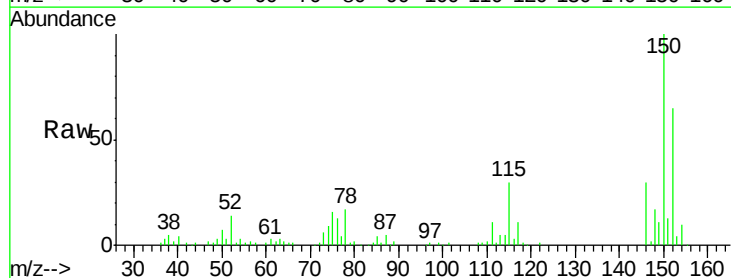
RT: 12.10 min Scan# 1889

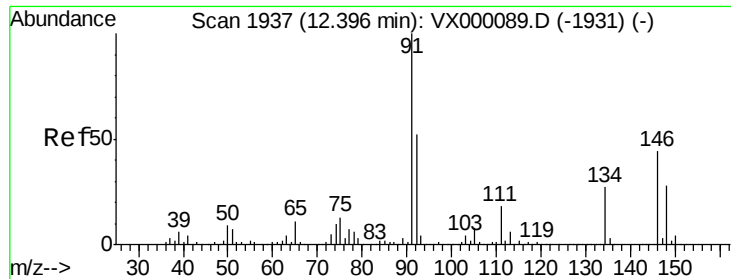
Delta R.T. -0.01 min

Lab File: VX000098.D

Acq: 15 Feb 2018 14:29

Tgt Ion:	146	Resp:	6619
Ion Ratio	Lower	Upper	
146	100		
111	54.1	18.4	55.0
148	66.2	31.9	95.9





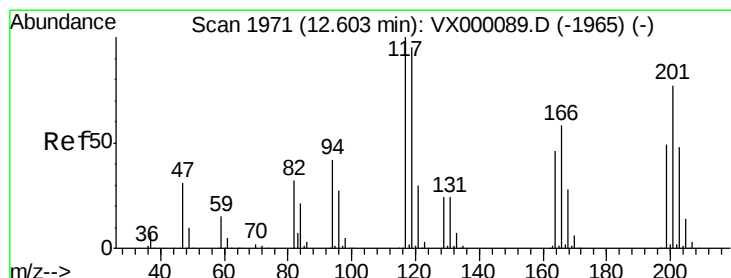
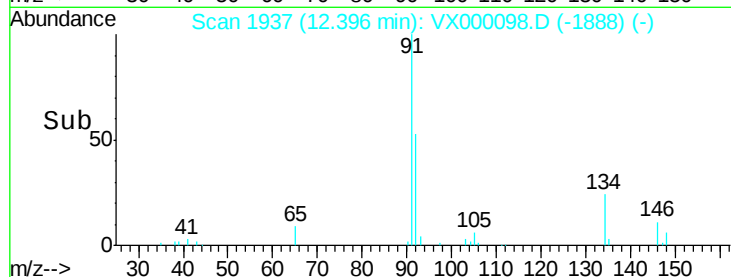
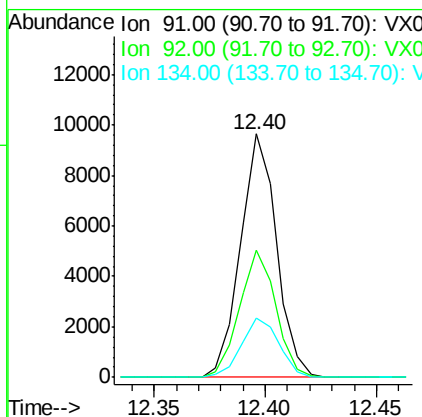
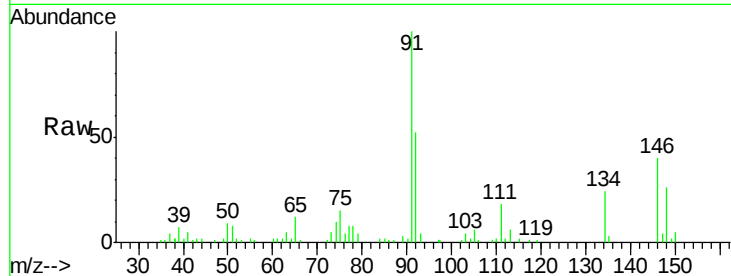
#89
n-Butylbenzene
Concen: 2.11 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000089.D
Acq: 15 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 2.00PPB

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.2	78.6
134	25.4	14.3	42.9

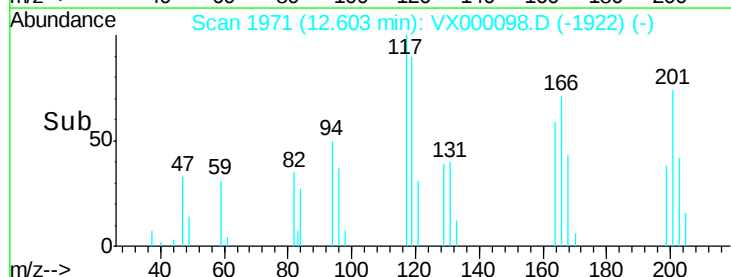
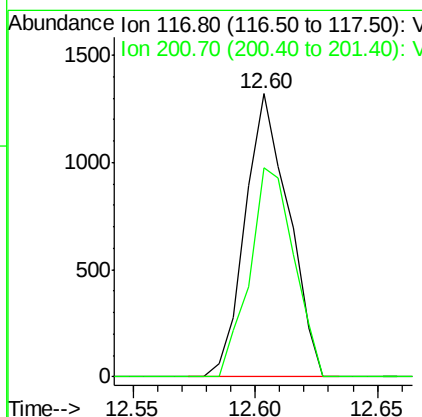
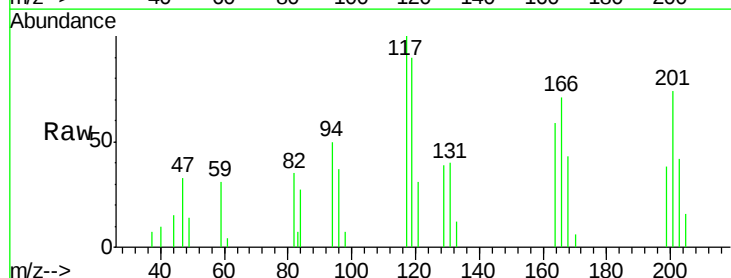
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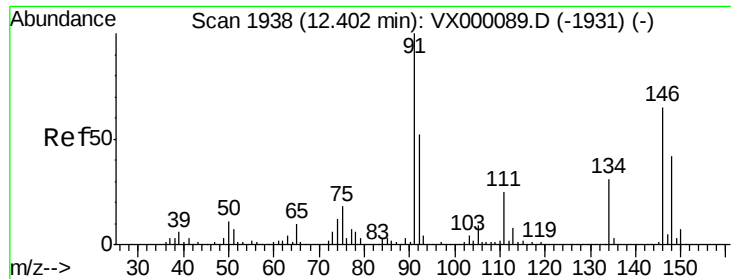
sam
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#90
Hexachloroethane
Concen: 1.83 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000089.D
Acq: 15 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.4	41.1	123.4





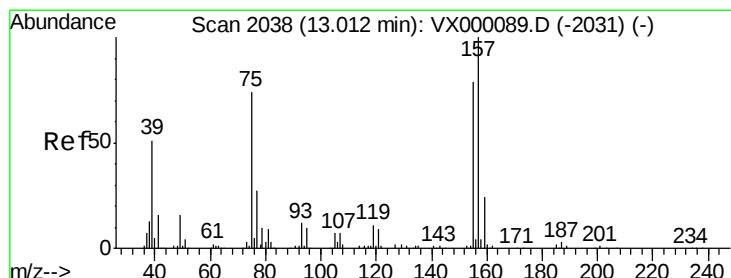
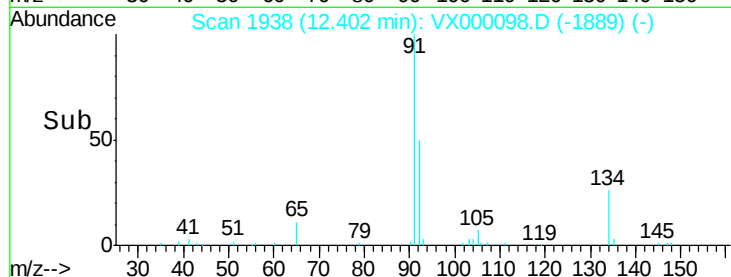
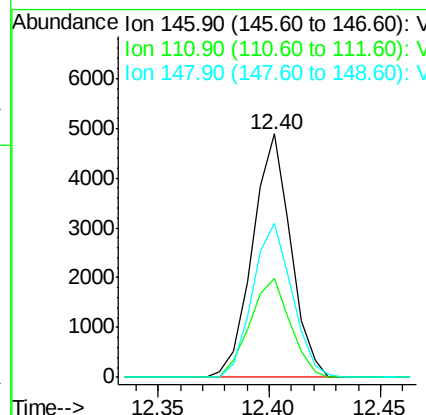
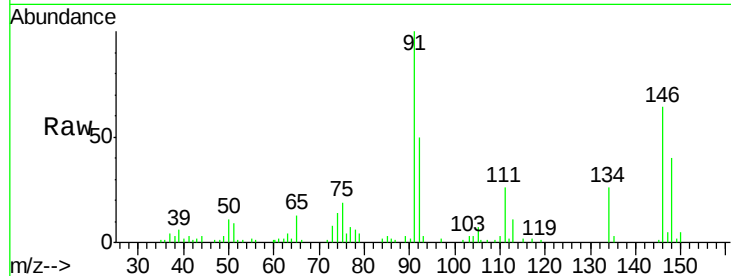
#91
1,2-Dichlorobenzene
Concen: 1.98 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VX000089.D
Acq: 15 Feb 2018 14:29

Instrument :
ClientSampled :
MDL07 2.00PPB

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	19.6	58.8
148	65.2	32.4	97.0

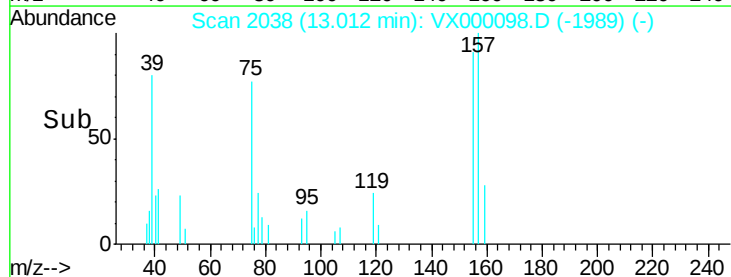
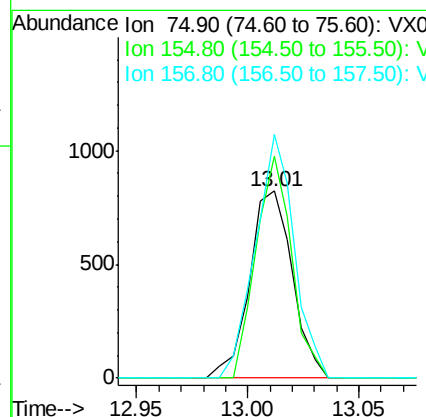
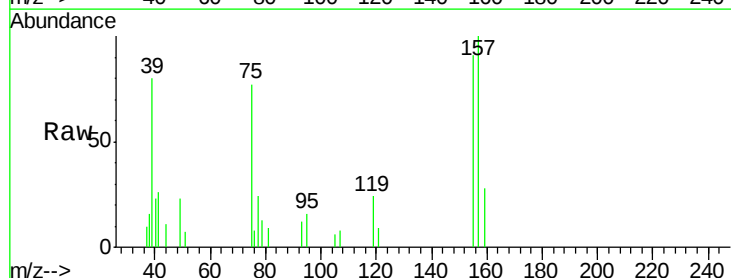
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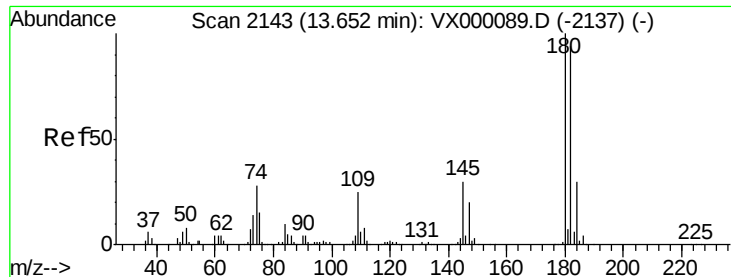
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#92
1,2-Dibromo-3-Chloropropane
Concen: 1.98 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. -0.00 min
Lab File: VX000089.D
Acq: 15 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.9	49.3	147.9
157	118.1	63.7	191.1





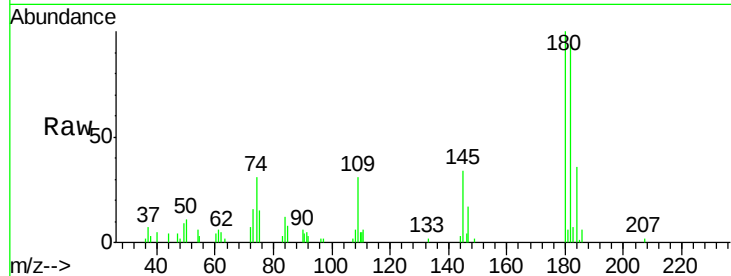
#93
 1,2,4-Trichlorobenzene
 Concen: 1.96 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000089.D
 Acq: 15 Feb 2018 14:29

Instrument :
 ClientSampled :
 MDL07 2.00PPB

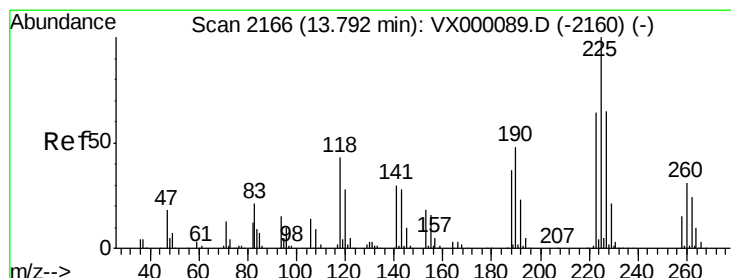
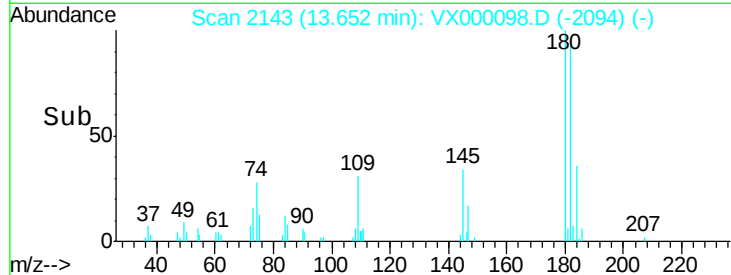
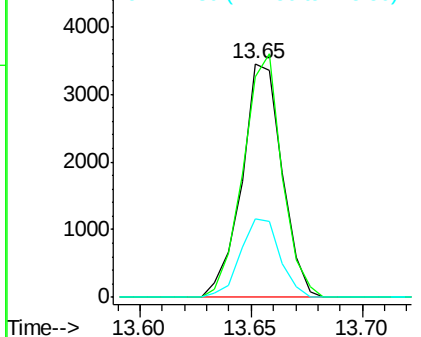
Tot Ion	Ratio	Lower	Upper
180	100		
182	100.2	47.8	143.4
145	32.8	14.7	44.1

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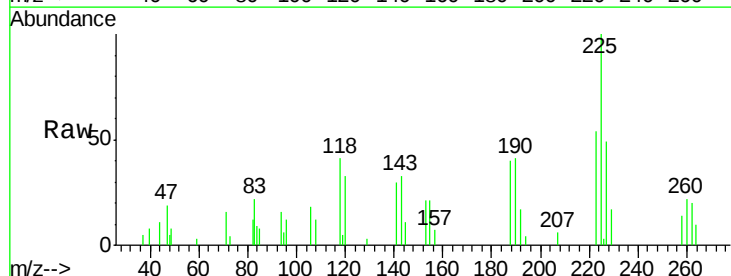


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

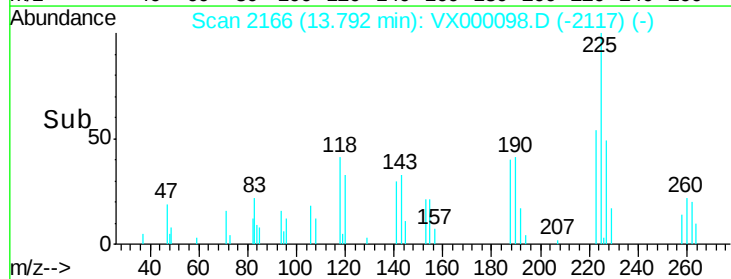
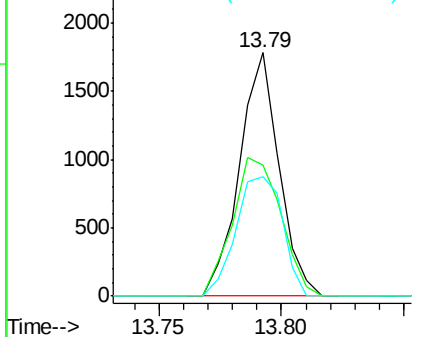


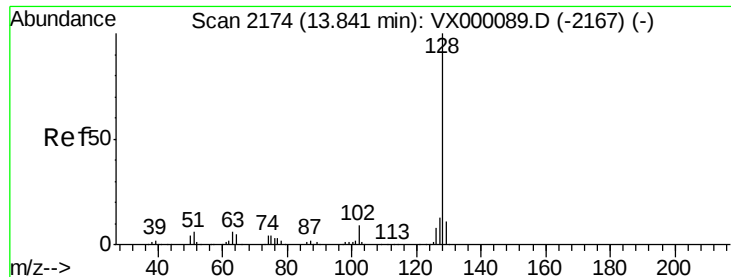
#94
 Hexachlorobutadiene
 Concen: 2.08 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000089.D
 Acq: 15 Feb 2018 14:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.4	31.9	95.7
227	57.8	32.8	98.4



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





#95

Naphthalene

Concen: 2.01 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000089.D

Acq: 15 Feb 2018 14:29

Instrument :

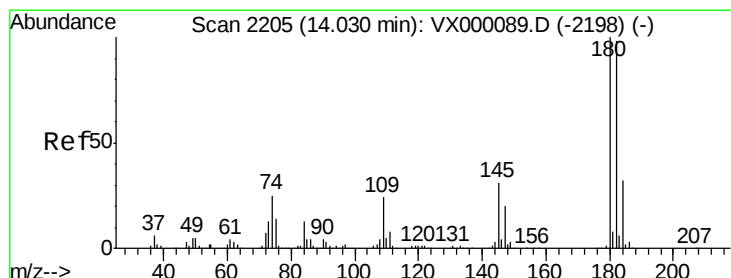
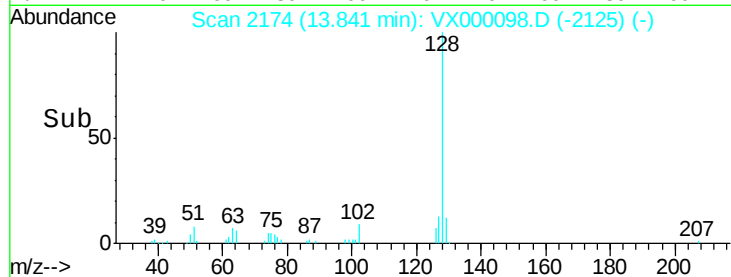
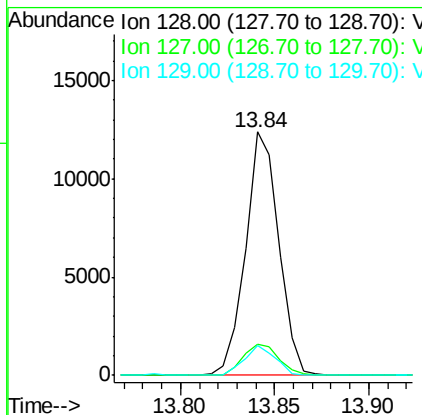
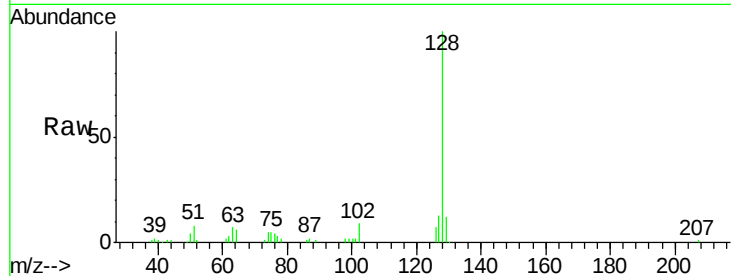
ClientSampled :

MDL07 2.00PPB

Tot Ion:	128	Resp:	15106
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.4	15.6
129	11.2	8.7	13.1

Manual Integrations
APPROVED

sam
2/16/2018 4:51:02 PM



#96

1,2,3-Trichlorobenzene

Concen: 2.01 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000089.D

Acq: 15 Feb 2018 14:29

Tgt Ion:	180	Resp:	4395
Ion Ratio	Lower	Upper	
180	100		
182	90.1	48.2	144.6
145	32.9	15.3	45.9

