

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041918\
 Data File : VX000993.D
 Acq On : 19 Apr 2018 17:13
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/20/2018 2:09:28 PM

Quant Time: Apr 20 04:58:28 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 04:18:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	232031	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	4245	1.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.48%	
35) Dibromofluoromethane	5.52	113	3038	1.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.42%	
50) Toluene-d8	8.72	98	11595	1.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.56%	
62) 4-Bromofluorobenzene	11.14	95	5047	1.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	2998	1.16	ug/l	97
3) Chloromethane	1.32	50	3318	1.24	ug/l	98
4) Vinyl Chloride	1.41	62	3431	1.32	ug/l	94
5) Bromomethane	1.65	94	2587	1.51	ug/l	87
6) Chloroethane	1.73	64	2220	1.22	ug/l	92
7) Trichlorofluoromethane	1.93	101	5370	1.37	ug/l	94
8) Diethyl Ether	2.19	74	2040	1.36	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3279	1.40	ug/l	94
12) 1,1-Dichloroethene	2.38	96	3012	1.34	ug/l	90
14) Allyl chloride	2.73	41	5307	1.27	ug/l	99
15) Acrylonitrile	3.15	53	8229	6.97	ug/l	95
16) Acetone	2.45	43	8035	7.19	ug/l	96
17) Carbon Disulfide	2.57	76	8802	1.26	ug/l	98
18) Methyl Acetate	2.78	43	3944	1.36	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	9900	1.36	ug/l	100
20) Methylene Chloride	2.86	84	3924	1.50	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	3524	1.39	ug/l	98
22) Diisopropyl ether	3.87	45	9724	1.22	ug/l #	98
23) Vinyl Acetate	3.82	43	40957	6.28	ug/l	100
24) 1,1-Dichloroethane	3.71	63	6010	1.40	ug/l	93
25) 2-Butanone	4.70	43	11329	6.59	ug/l	99
26) 2,2-Dichloropropane	4.59	77	4856	1.29	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	3607	1.32	ug/l	95
28) Bromochloromethane	5.03	49	2044	1.13	ug/l #	92
29) Tetrahydrofuran	5.17	42	7259	6.62	ug/l	99
30) Chloroform	5.23	83	5907	1.33	ug/l	89
31) Cyclohexane	5.58	56	5770	1.48	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	4977	1.26	ug/l #	50
36) 1,1-Dichloropropene	5.81	75	5028	1.47	ug/l	94
37) Ethyl Acetate	4.87	43	4054	1.27	ug/l #	92
38) Carbon Tetrachloride	5.79	117	4680	1.32	ug/l	85
39) Methylcyclohexane	7.47	83	5522	1.35	ug/l	93
40) Benzene	6.15	78	12826	1.35	ug/l	94
41) Methacrylonitrile	5.06	41	3047	1.53	ug/l #	87

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.21	62	5179	1.40	ug/l	98
43) Isopropyl Acetate	6.48	43	7224	1.34	ug/l	99
44) Trichloroethene	7.21	130	4023	1.34	ug/l	94
45) 1,2-Dichloropropane	7.52	63	3235	1.31	ug/l #	88
46) Dibromomethane	7.67	93	2300	1.35	ug/l	92
47) Bromodichloromethane	7.90	83	3735	1.18	ug/l	99
48) Methyl methacrylate	7.79	41	3921	1.30	ug/l	91
49) 1,4-Dioxane	7.76	88	1167	28.34	ug/l #	73
51) 4-Methyl-2-Pentanone	8.65	43	20956	6.42	ug/l	99
52) Toluene	8.79	92	8074	1.29	ug/l	96
53) t-1,3-Dichloropropene	8.44	75	4234	1.11	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	3865	1.07	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	3404	1.40	ug/l #	86
56) Ethyl methacrylate	9.19	69	4450	1.21	ug/l	93
57) 1,3-Dichloropropane	9.38	76	5714	1.42	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	11283	6.71	ug/l	99
59) 2-Hexanone	9.51	43	16109	6.43	ug/l	98
60) Dibromochloromethane	9.59	129	2823	1.05	ug/l	97
61) 1,2-Dibromoethane	9.68	107	3383	1.29	ug/l	97
64) Tetrachloroethene	9.34	164	4223	1.42	ug/l	89
65) Chlorobenzene	10.14	112	10211	1.38	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	2997	1.17	ug/l #	67
67) Ethyl Benzene	10.26	91	16614	1.37	ug/l	99
68) m/p-Xylenes	10.37	106	12800	2.67	ug/l	99
69) o-Xylene	10.71	106	6267	1.34	ug/l	100
70) Styrene	10.72	104	9595	1.24	ug/l	98
71) Bromoform	10.87	173	2177	0.99	ug/l #	98
73) Isopropylbenzene	11.02	105	16656	1.31	ug/l	100
74) N-amyl acetate	6.48	43	7224	1.36	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	4324	1.20	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	4234m	1.07	ug/l	
77) Bromobenzene	11.26	156	4928	1.32	ug/l	97
78) n-propylbenzene	11.37	91	19611	1.33	ug/l	99
79) 2-Chlorotoluene	11.43	91	11568	1.33	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	13552	1.25	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	959	0.95	ug/l	83
82) 4-Chlorotoluene	11.52	91	14322	1.36	ug/l	98
83) tert-Butylbenzene	11.77	119	13467	1.21	ug/l	92
84) 1,2,4-Trimethylbenzene	11.81	105	14033	1.27	ug/l	99
85) sec-Butylbenzene	11.95	105	16876	1.26	ug/l	99
86) p-Isopropyltoluene	12.07	119	15526	1.26	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	9247	1.32	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	9944m	1.40	ug/l	
89) n-Butylbenzene	12.39	91	13816	1.24	ug/l	99
90) Hexachloroethane	12.60	117	1764	0.99	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	8784	1.30	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	824	1.10	ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	7553	1.26	ug/l	99
94) Hexachlorobutadiene	13.79	225	3579	1.35	ug/l	98
95) Naphthalene	13.84	128	16769	1.20	ug/l	98

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MSVOA_X
ClientSampleId :
VSTDICC001

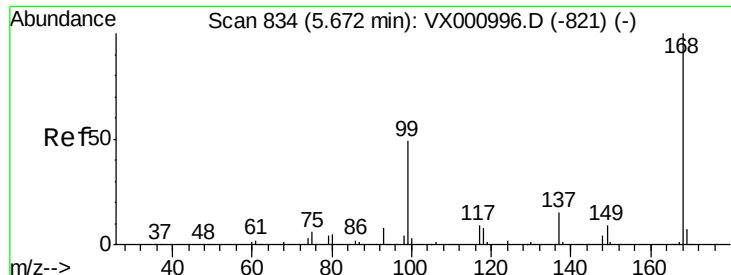
Manual Integrations
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 04:18:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	7333	1.31	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 271681

Ion Ratio Lower Upper

168 100

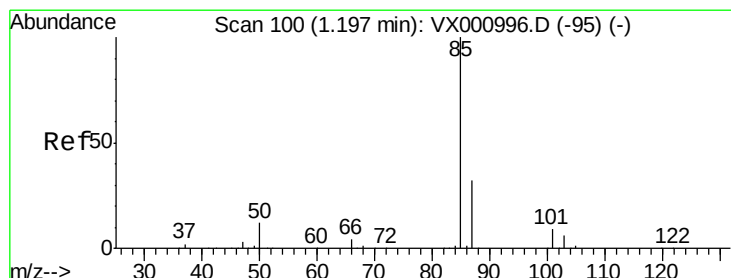
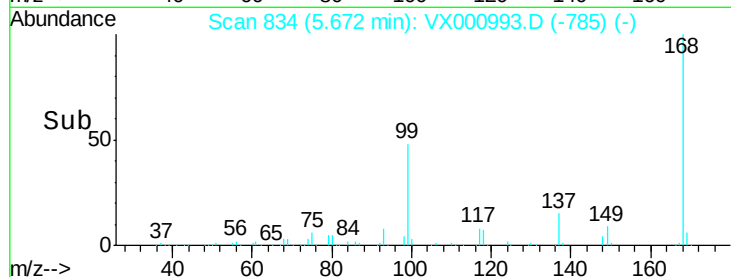
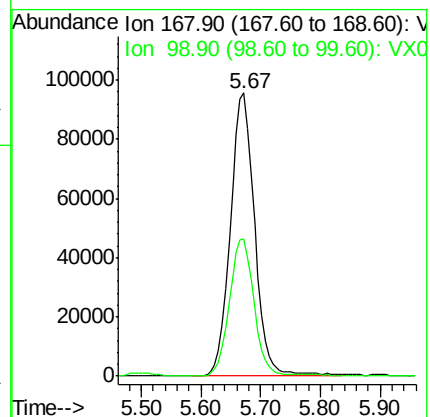
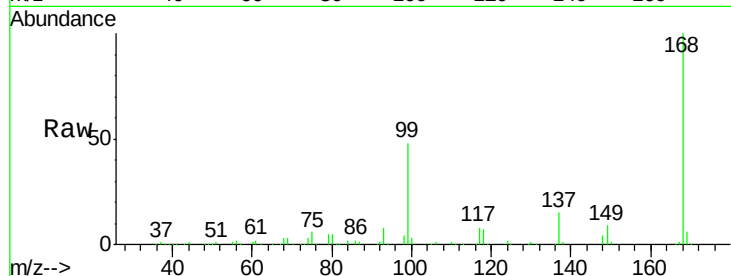
99 48.4 39.2 58.8

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#2

Dichlorodifluoromethane

Concen: 1.16 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000993.D

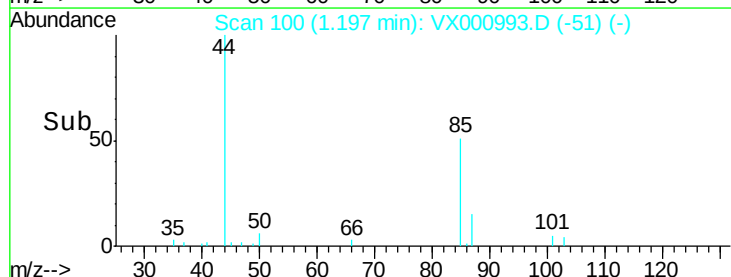
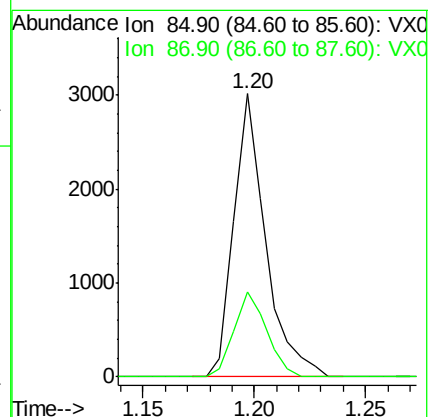
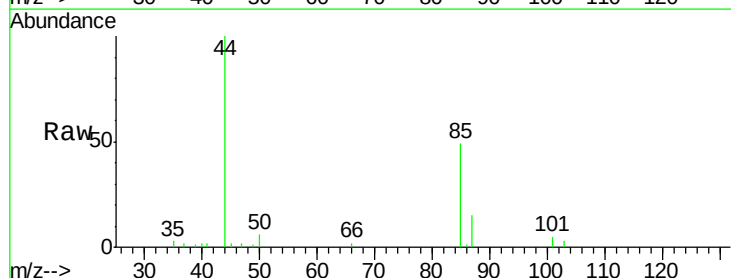
Acq: 19 Apr 2018 17:13

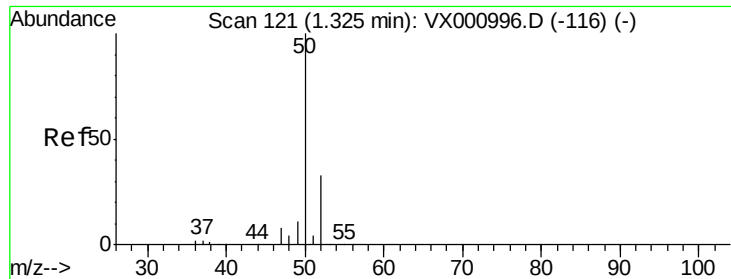
Tgt Ion: 85 Resp: 2998

Ion Ratio Lower Upper

85 100

87 30.1 15.8 47.4





#3

Chloromethane

Concen: 1.24 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 3318

Ion Ratio Lower Upper

50 100

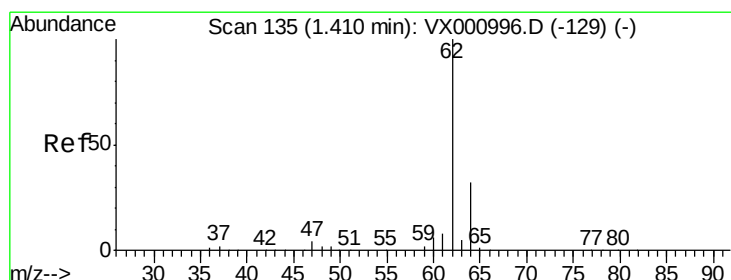
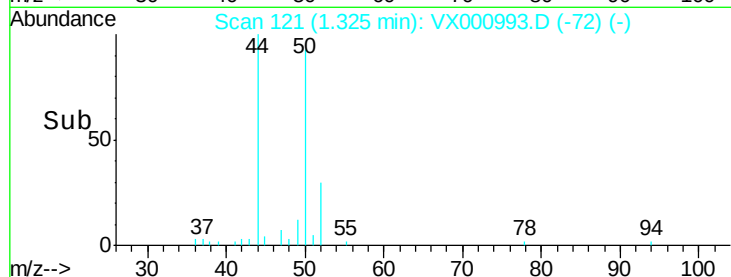
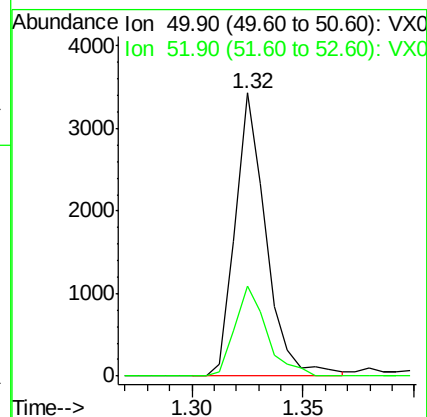
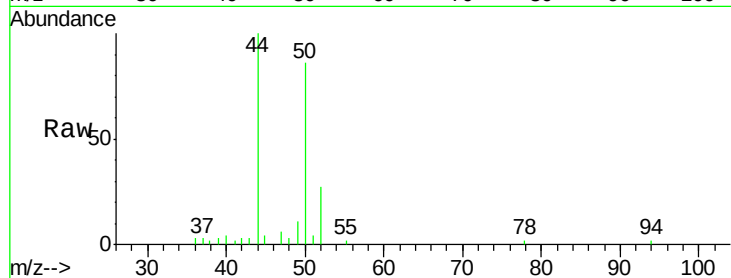
52 32.0 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 1.32 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000993.D

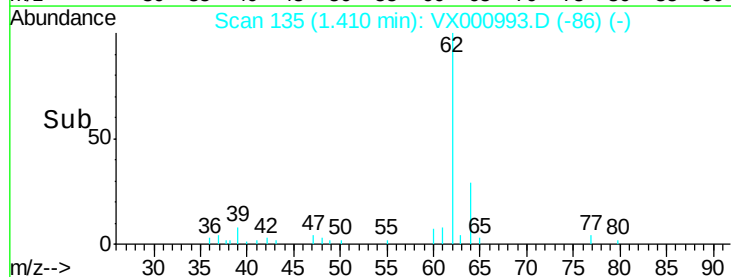
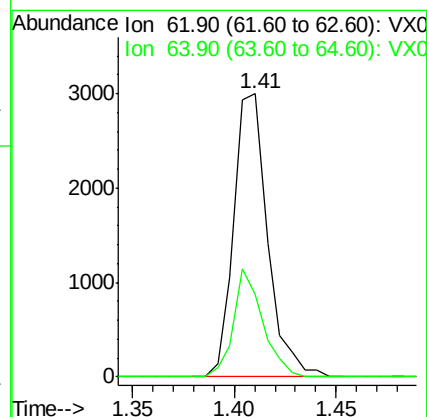
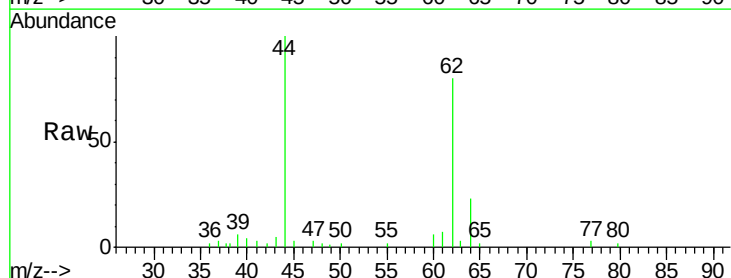
Acq: 19 Apr 2018 17:13

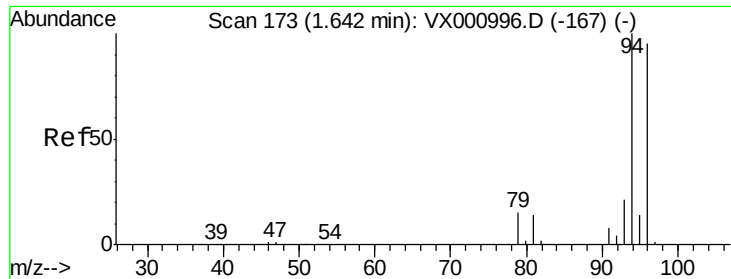
Tgt Ion: 62 Resp: 3431

Ion Ratio Lower Upper

62 100

64 28.9 25.6 38.4





#5

Bromomethane

Concen: 1.51 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 2587

Ion Ratio Lower Upper

94 100

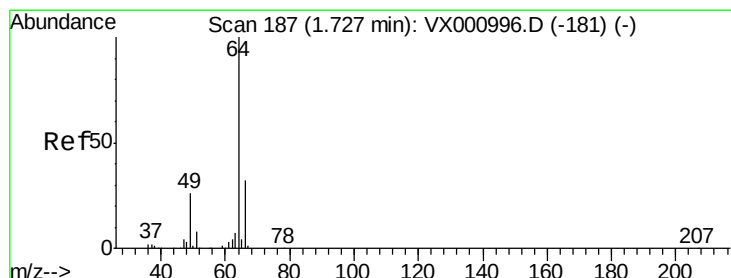
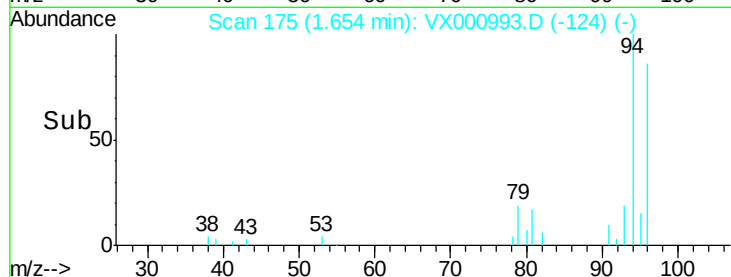
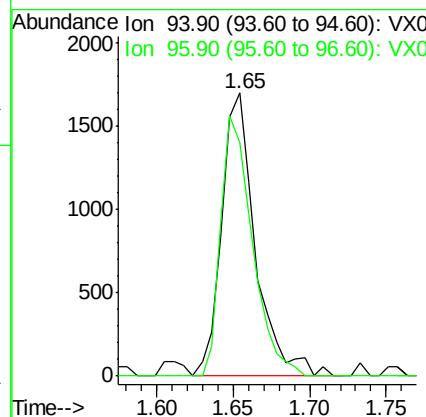
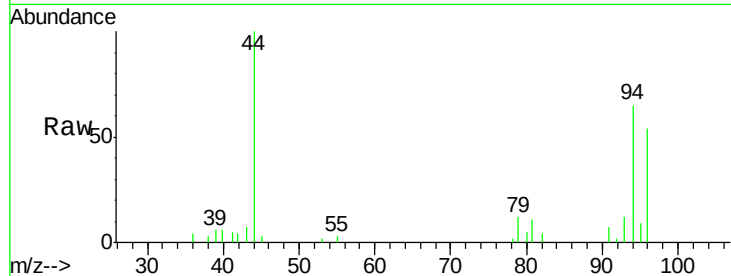
96 82.6 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 1.22 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000993.D

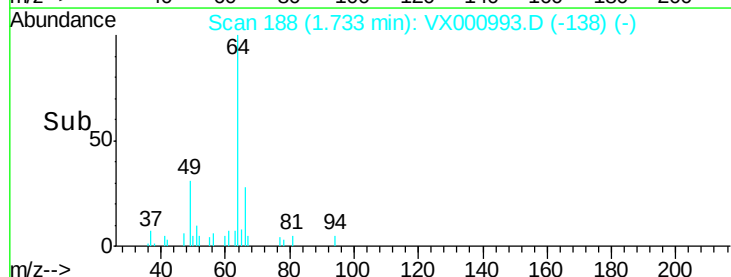
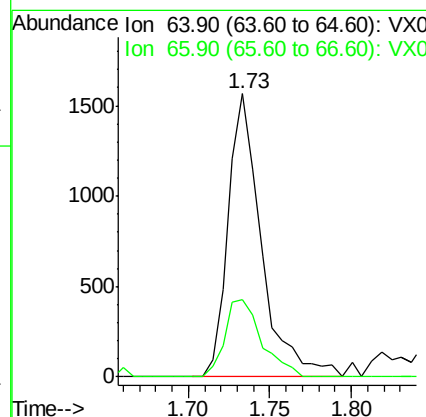
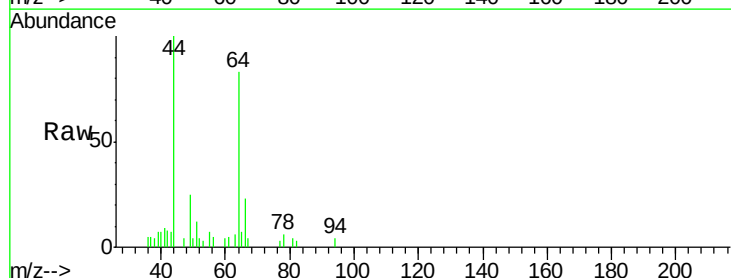
Acq: 19 Apr 2018 17:13

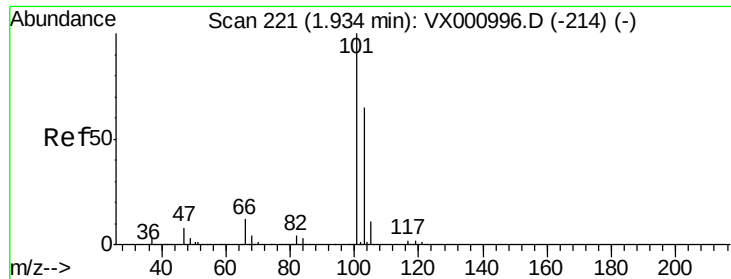
Tgt Ion: 64 Resp: 2220

Ion Ratio Lower Upper

64 100

66 27.3 25.3 37.9





#7

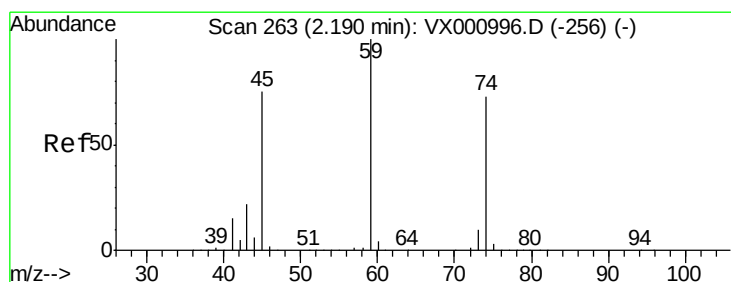
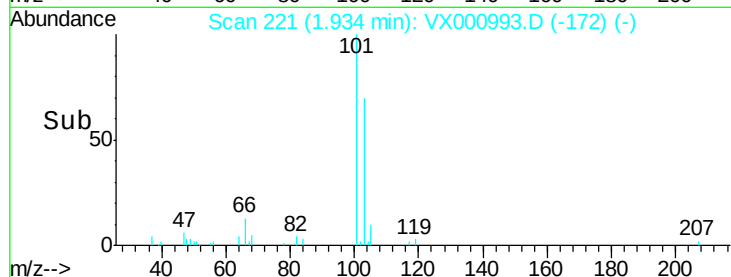
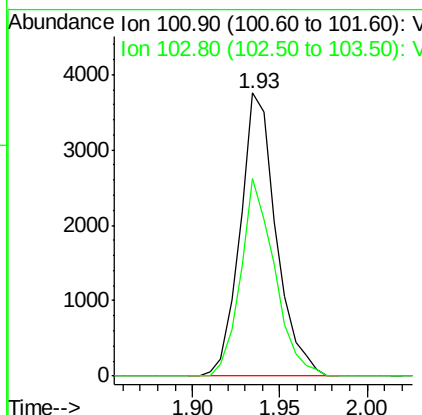
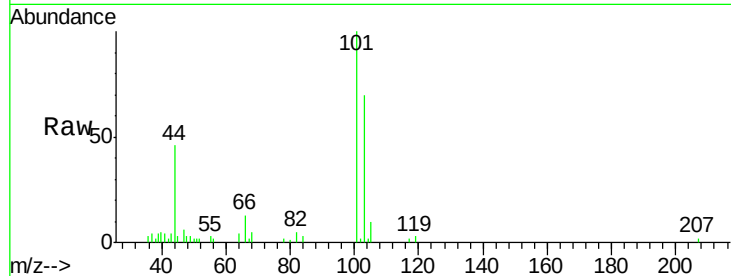
Trichlorofluoromethane
Concen: 1.37 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000993.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	69.8	51.8	77.8

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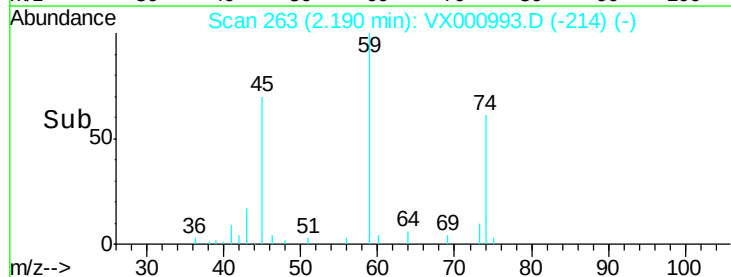
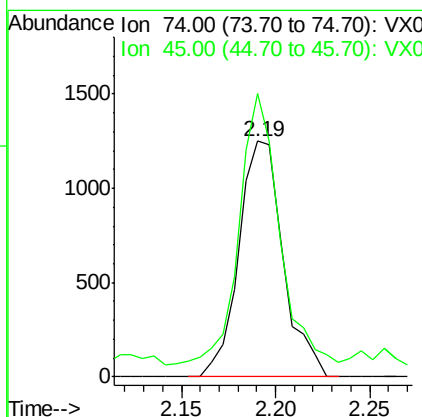
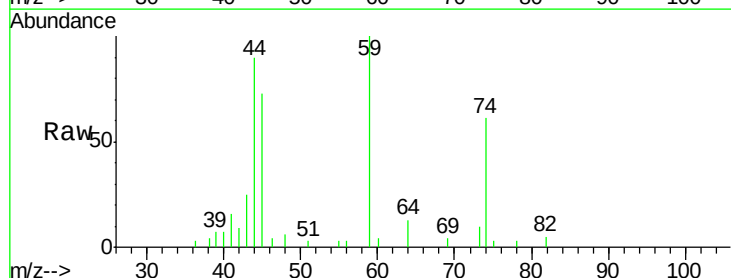
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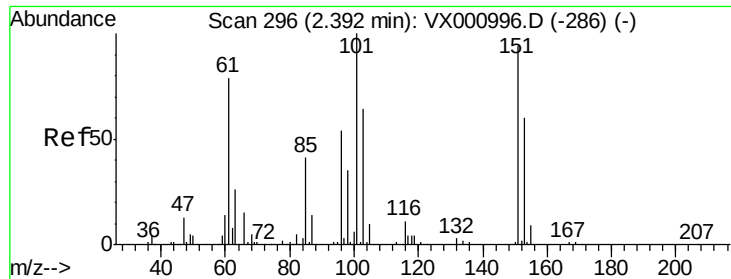


#8

Diethyl Ether
Concen: 1.36 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.5	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.40 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

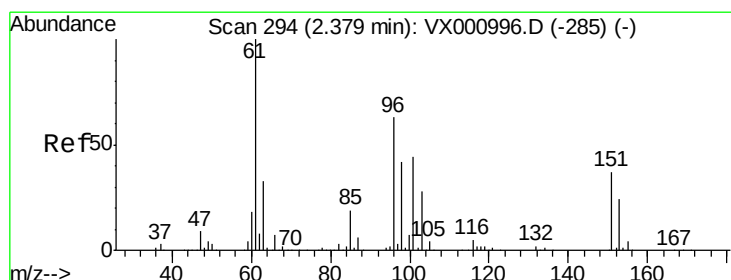
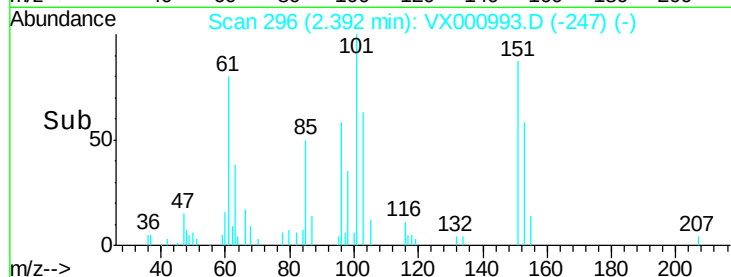
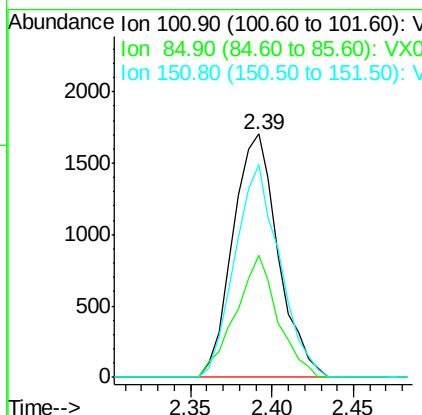
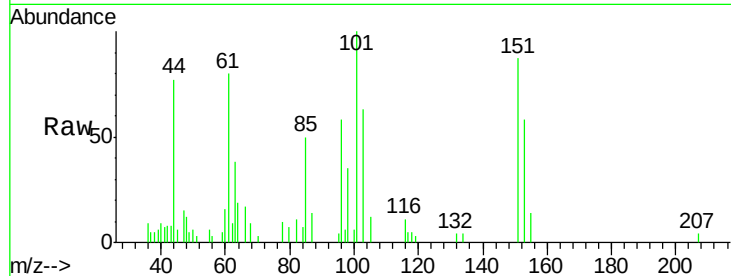
ClientSampleId :

VSTDIC001

Tot Ion:	101	Resp:	3279
Ion	Ratio	Lower	Upper
101	100		
85	47.0	33.9	50.9
151	86.6	73.5	110.3

Manual Integrations
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#12

1,1-Dichloroethene

Concen: 1.34 ug/l

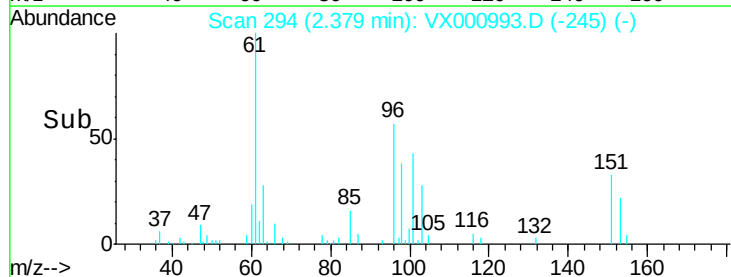
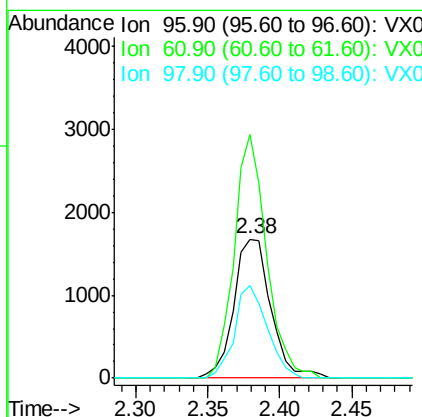
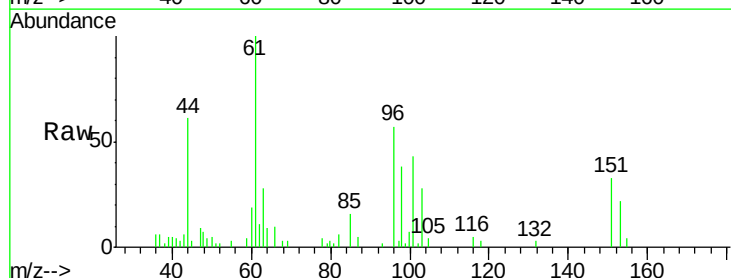
RT: 2.38 min Scan# 294

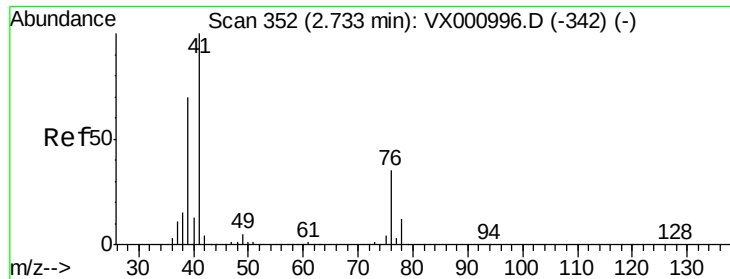
Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Tgt Ion:	96	Resp:	3012
Ion	Ratio	Lower	Upper
96	100		
61	175.3	126.4	189.6
98	66.6	52.6	78.8





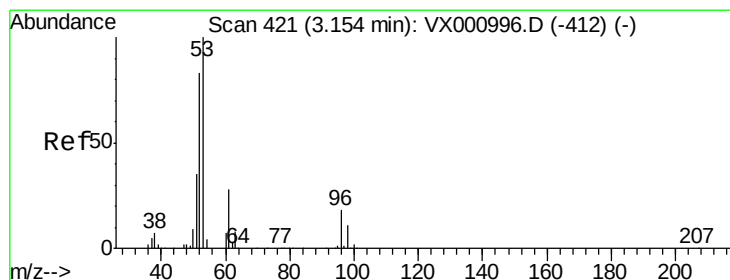
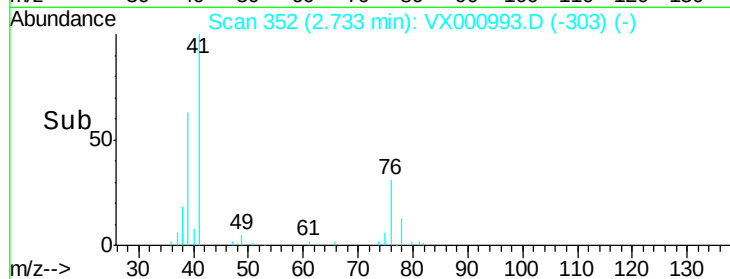
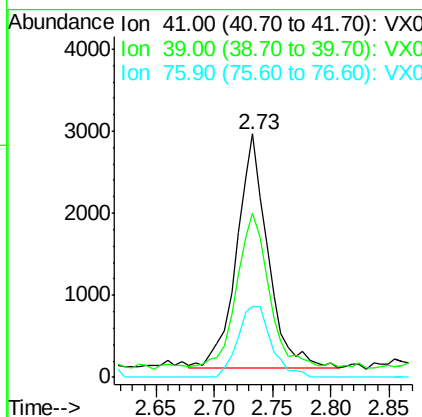
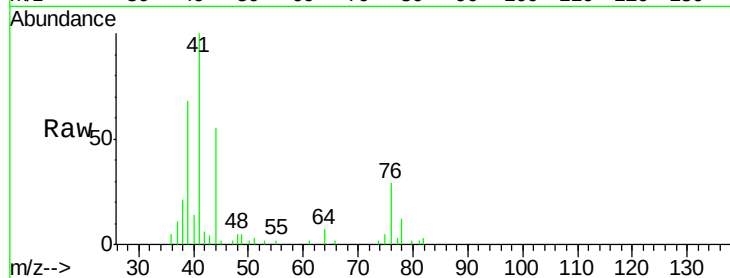
#14
Allvl chloride
Concen: 1.27 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	41	Resp:	5307
Ion	Ratio	Lower	Upper
41	100		
39	67.6	53.0	79.6
76	32.8	25.9	38.9

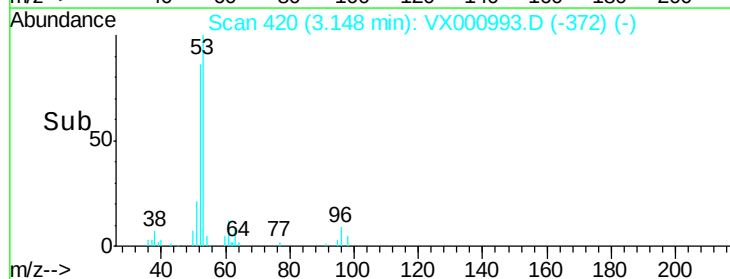
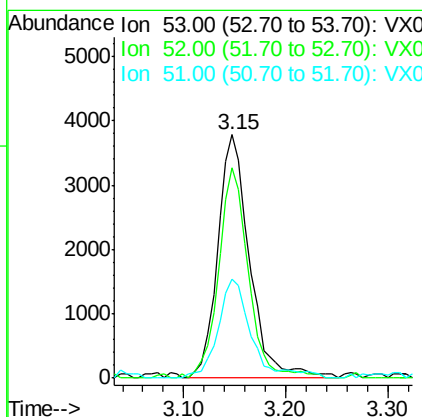
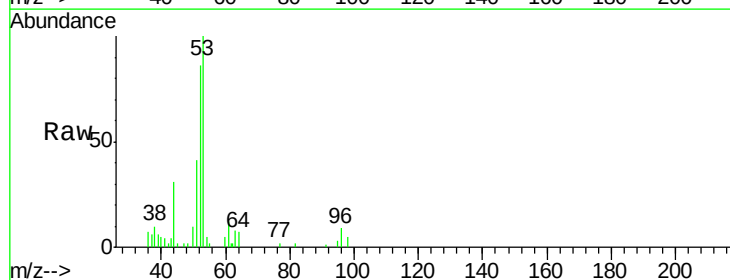
Manual Integrations
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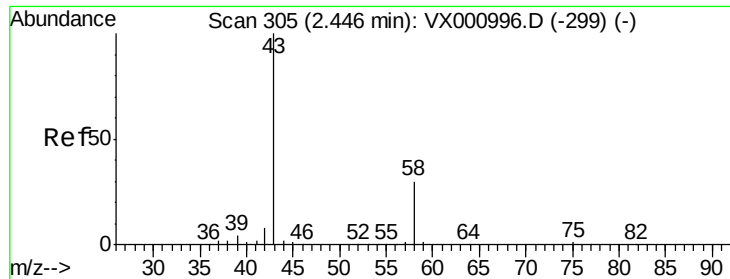
MMDadoda
4/20/2018 2:09:28 PM



#15
Acrylonitrile
Concen: 6.97 ug/l
RT: 3.15 min Scan# 420
Delta R.T. -0.01 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion:	53	Resp:	8229
Ion	Ratio	Lower	Upper
53	100		
52	81.0	66.4	99.6
51	42.3	29.0	43.6





#16

Acetone

Concen: 7.19 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Tot Ion: 43 Resp: 8035

Ion Ratio Lower Upper

43 100

58 31.6 23.7 35.5

Instrument :

MSVOA_X

ClientSampleId :

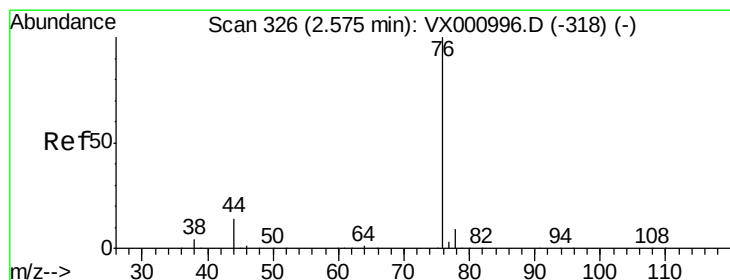
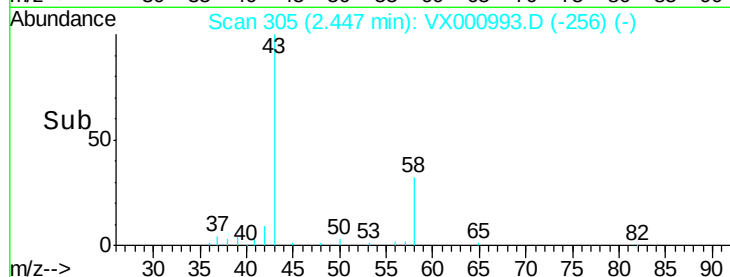
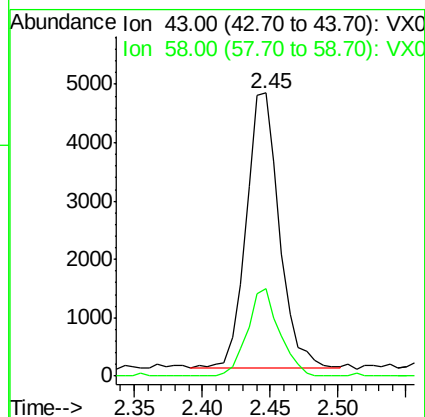
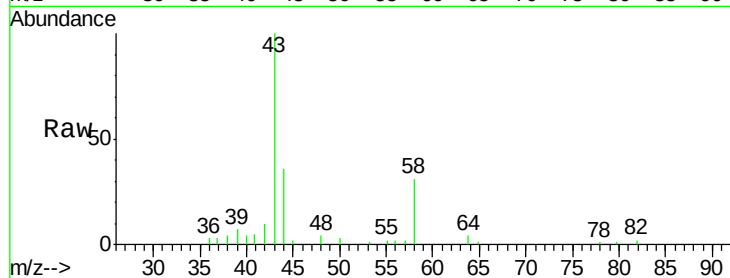
VSTDIC001

Manual Integrations

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#17

Carbon Disulfide

Concen: 1.26 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000993.D

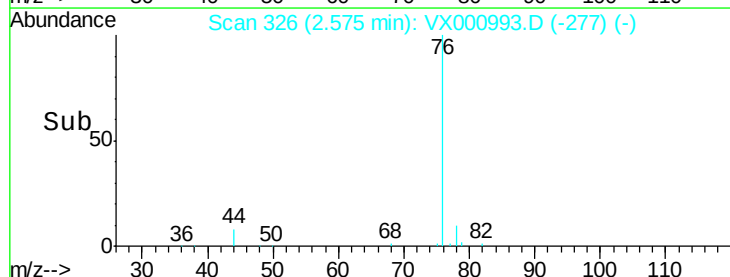
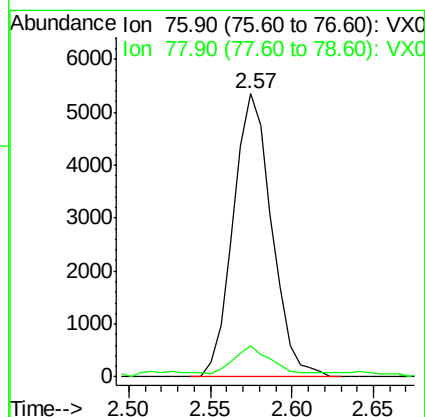
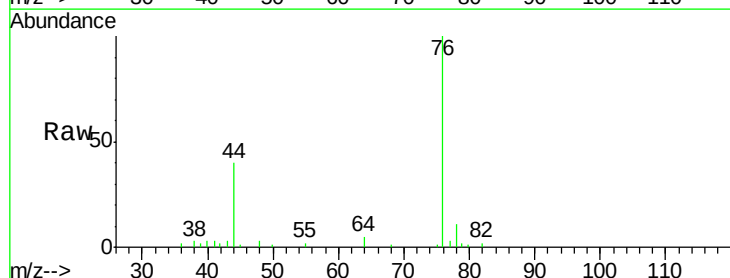
Acq: 19 Apr 2018 17:13

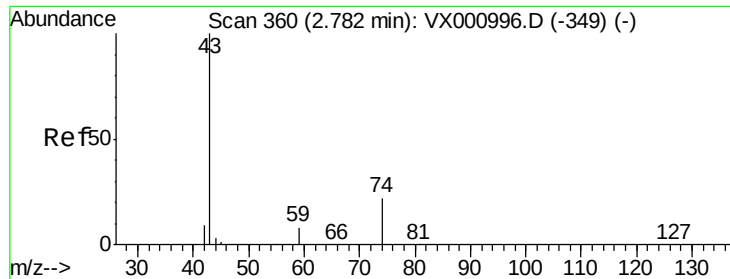
Tgt Ion: 76 Resp: 8802

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9





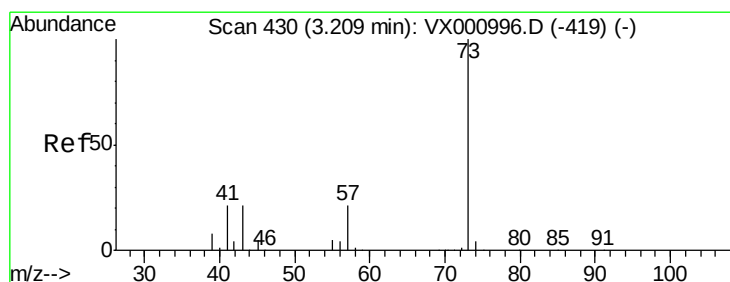
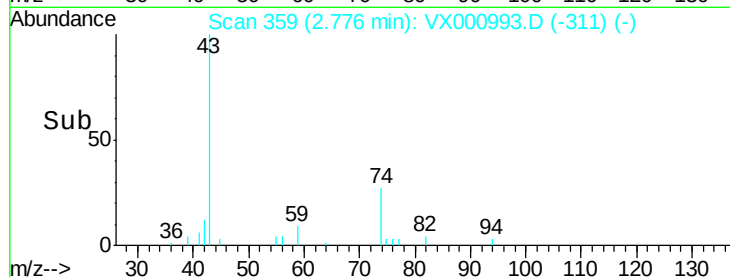
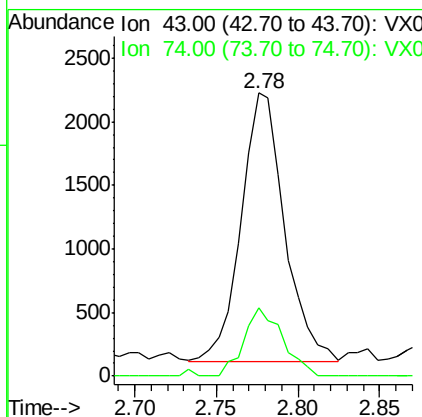
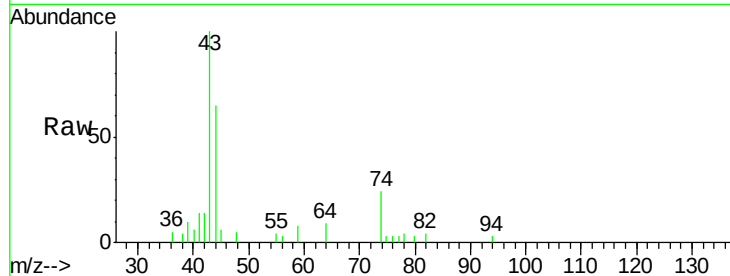
#18
Methyl Acetate
Concen: 1.36 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	43	Resp	3944
Ion Ratio	100	Lower	Upper
74	22.5	18.3	27.5

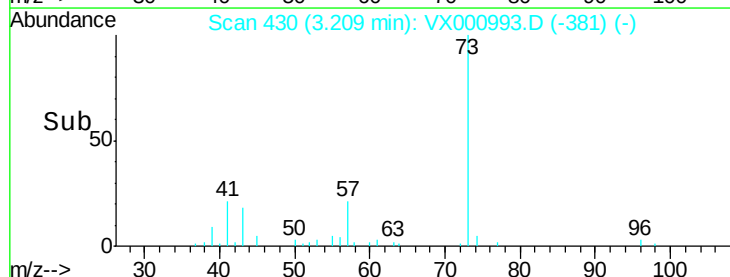
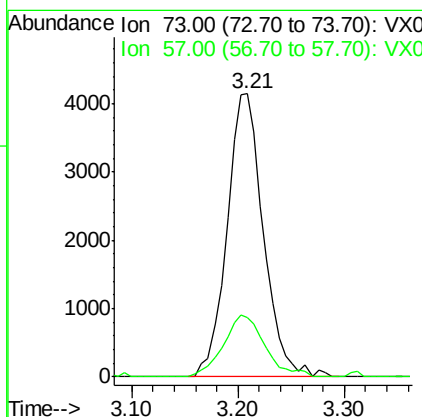
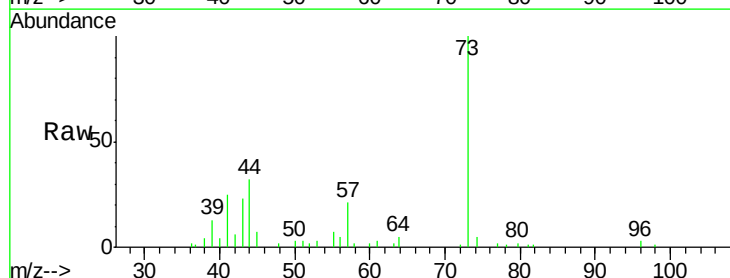
Manual Integrations
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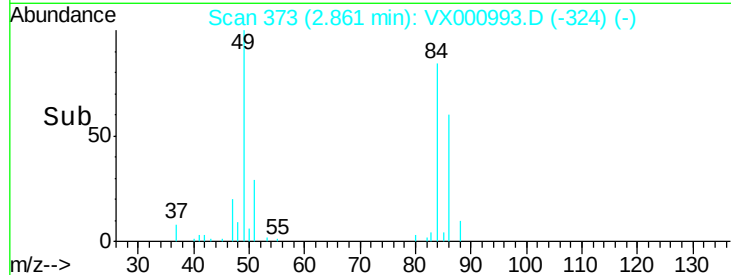
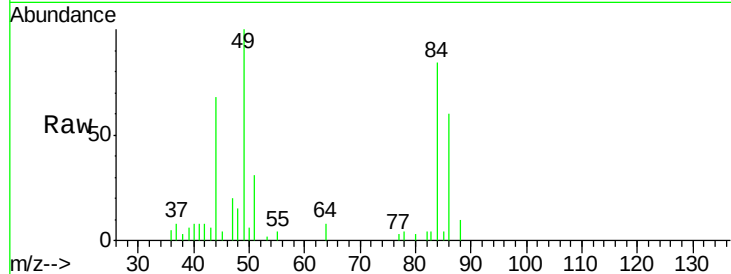
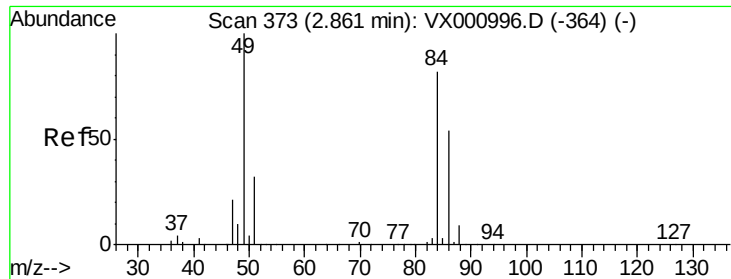
MMDadoda
4/20/2018 2:09:28 PM



#19
Methyl tert-butyl Ether
Concen: 1.36 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion	73	Resp	9900
Ion Ratio	100	Lower	Upper
57	21.2	17.1	25.7





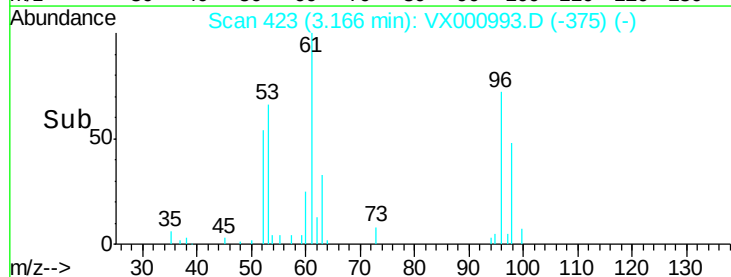
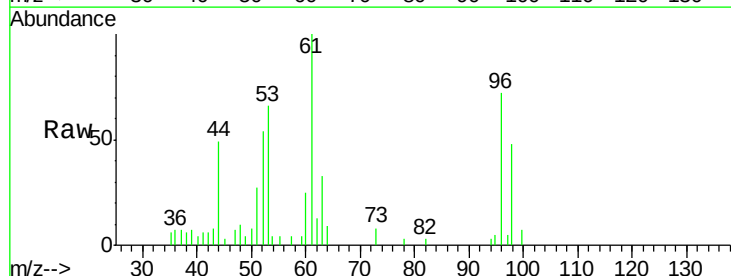
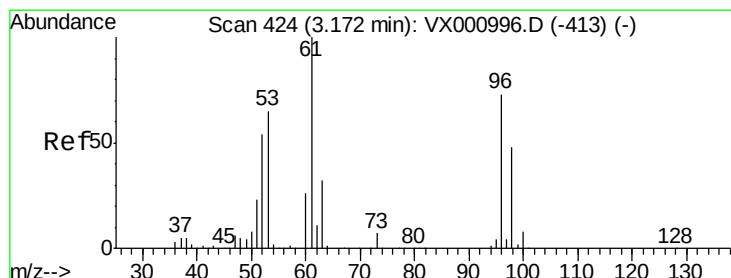
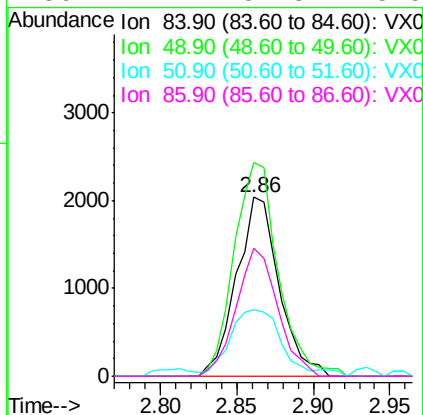
#20
Methylene Chloride
Concen: 1.50 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tot Ion:	84	Resp:	3924
Ion	Ratio	Lower	Upper
84	100		
49	119.4	97.1	145.7
51	34.8	30.8	46.2
86	71.7	52.3	78.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

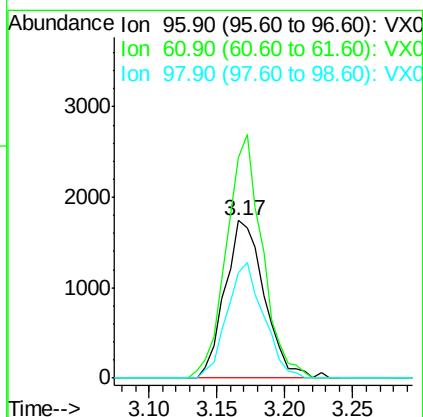
Manual Integrations
APPROVED

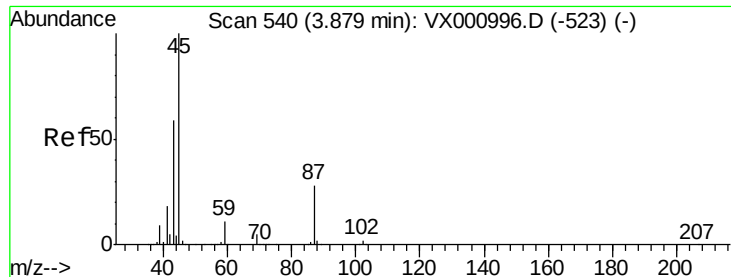
MMDadoda
4/20/2018 2:09:28 PM



#21
trans-1,2-Dichloroethene
Concen: 1.39 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.01 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion:	96	Resp:	3524
Ion	Ratio	Lower	Upper
96	100		
61	139.6	109.4	164.2
98	67.0	52.6	78.8





#22

Diisopropyl ether

Concen: 1.22 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

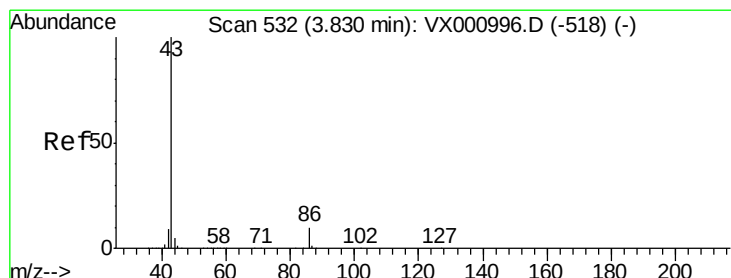
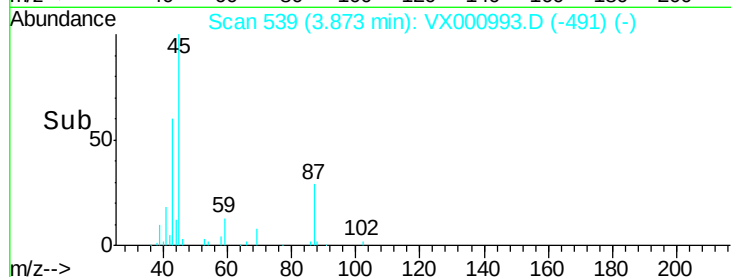
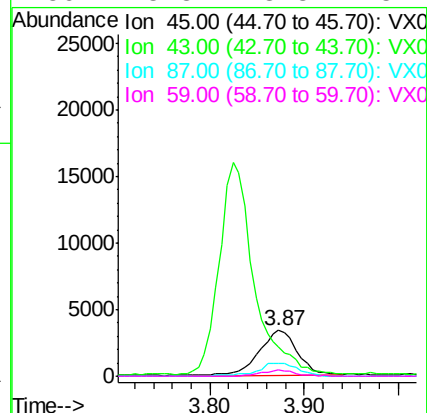
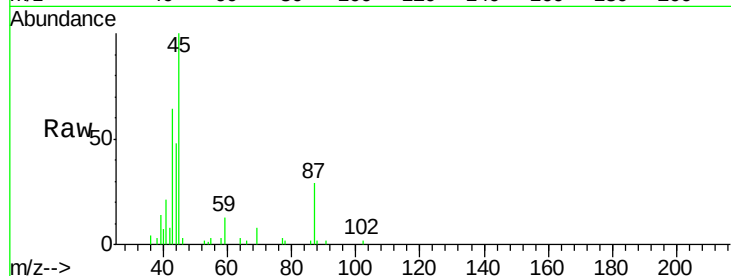
ClientSampleId :

VSTDIC001

Tot Ion:	45	Resp:	9724
Ion	Ratio	Lower	Upper
45	100		
43	58.5	47.0	70.4
87	29.4	22.5	33.7
59	13.3	8.8	13.2

Manual Integrations
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MMDadoda
4/20/2018 2:09:28 PM



#23

Vinyl Acetate

Concen: 6.28 ug/l

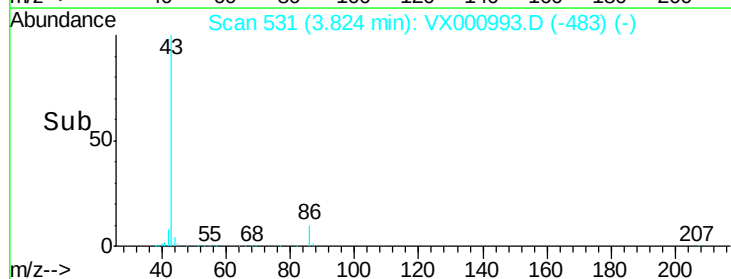
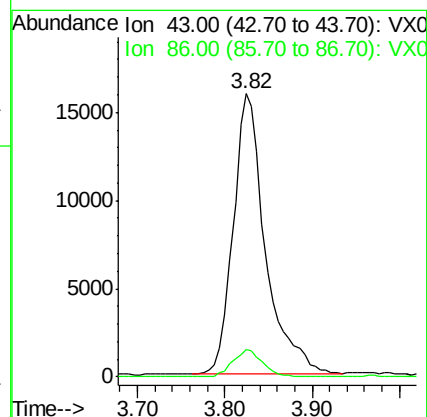
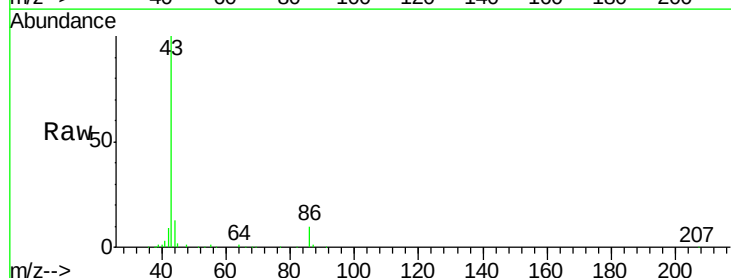
RT: 3.82 min Scan# 531

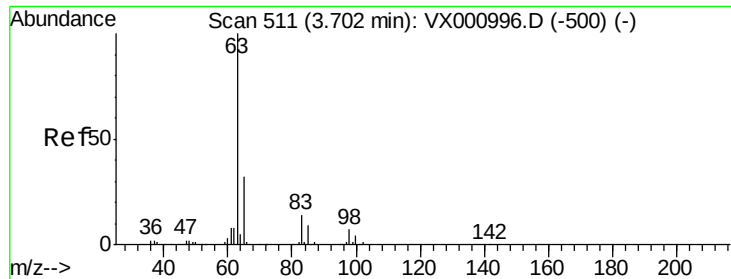
Delta R.T. -0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Tgt Ion:	43	Resp:	40957
Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.1	12.1





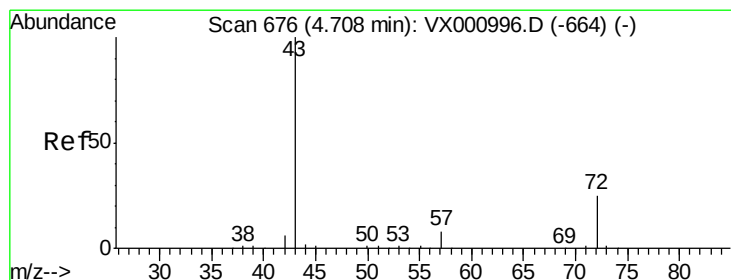
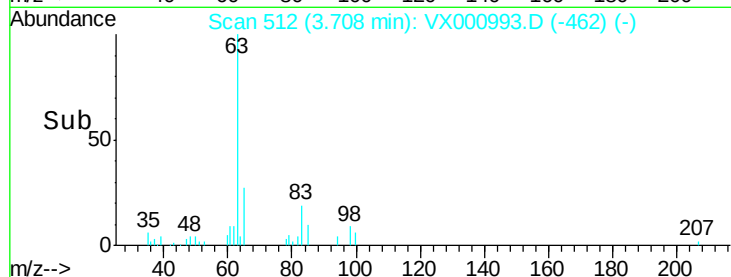
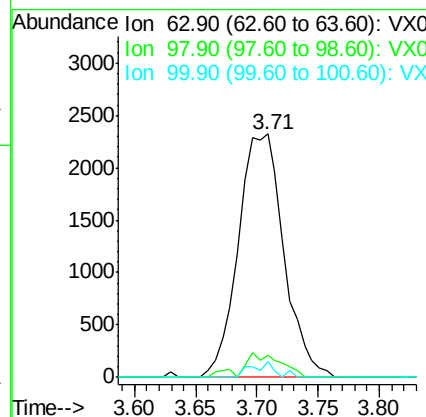
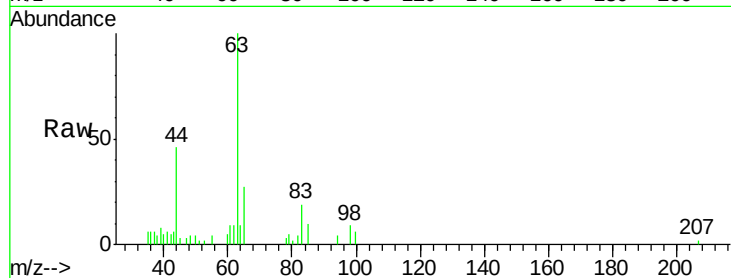
#24
 1,1-Dichloroethane
 Concen: 1.40 ug/l
 RT: 3.71 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
63	100	6010		
98	9.3		3.4	10.1
100	6.3		2.1	6.3

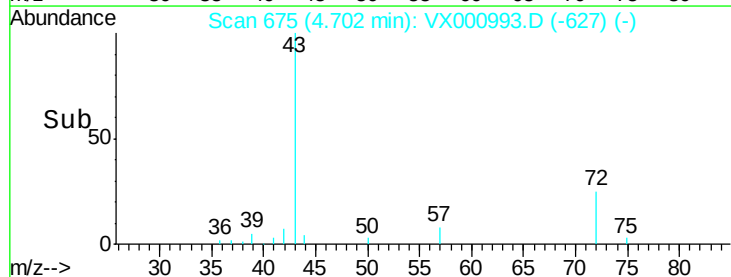
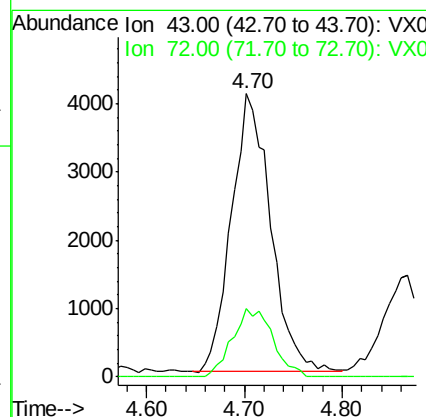
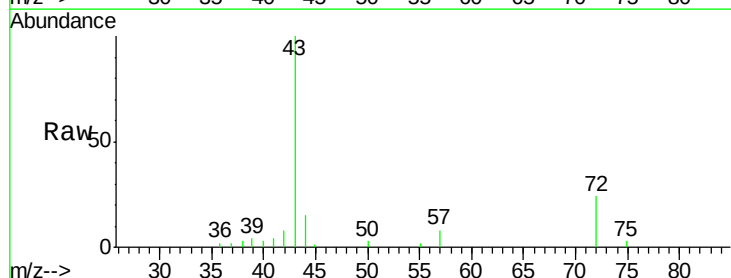
Manual Integrations
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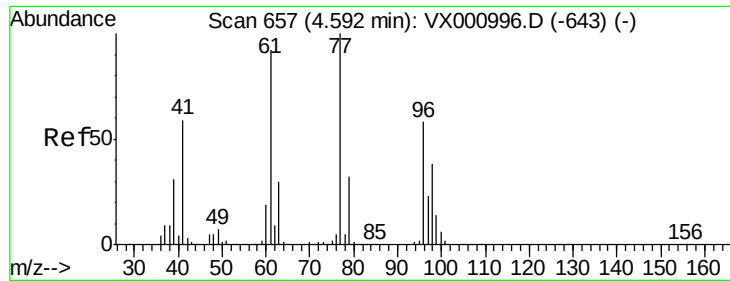
MMDadoda
 4/20/2018 2:09:28 PM



#25
 2-Butanone
 Concen: 6.59 ug/l
 RT: 4.70 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	11329		
72	24.5		19.9	29.9





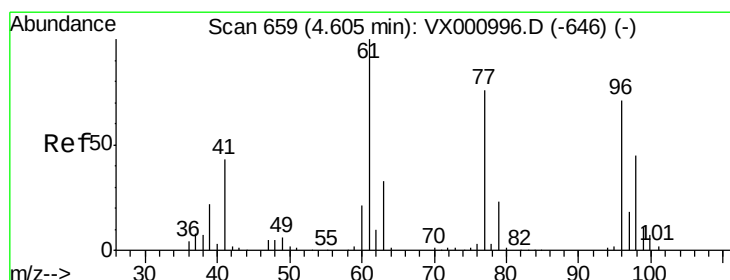
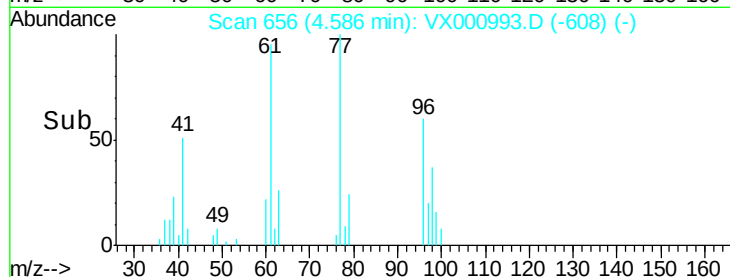
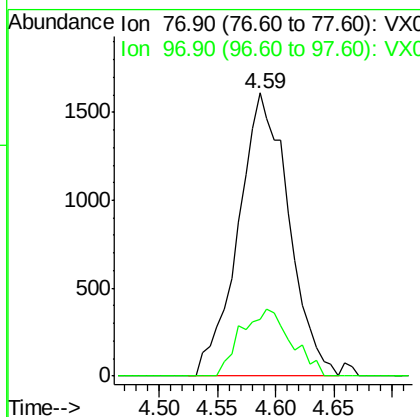
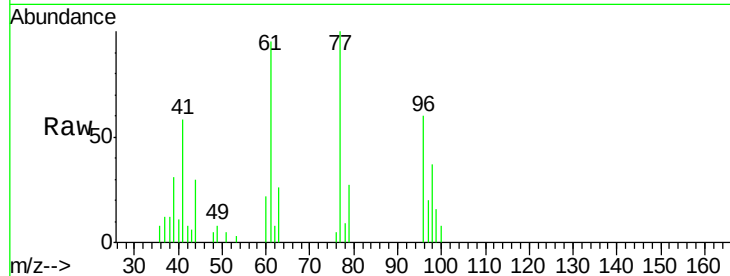
#26
2,2-Dichloropropane
Concen: 1.29 ug/l
RT: 4.59 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 77 Resp: 4856
Ion Ratio Lower Upper
77 100
97 23.5 11.5 34.4

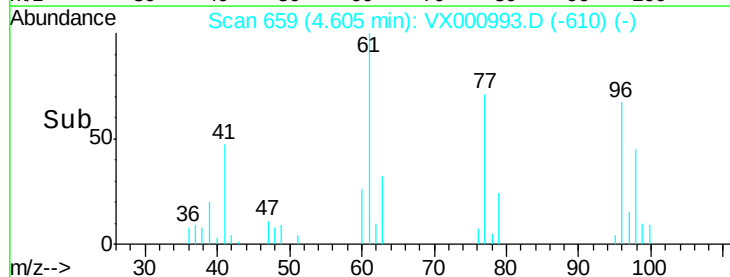
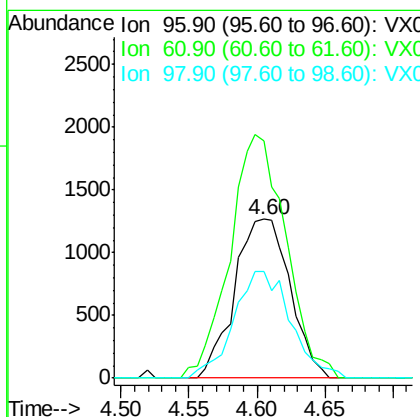
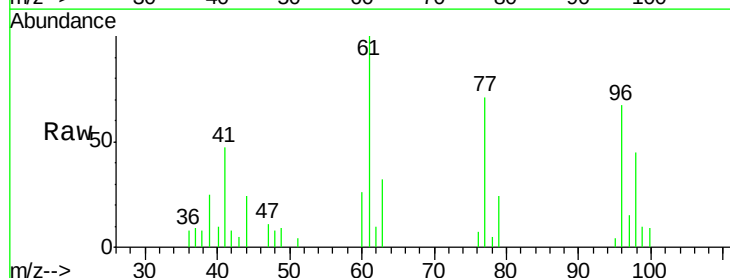
Manual Integrations
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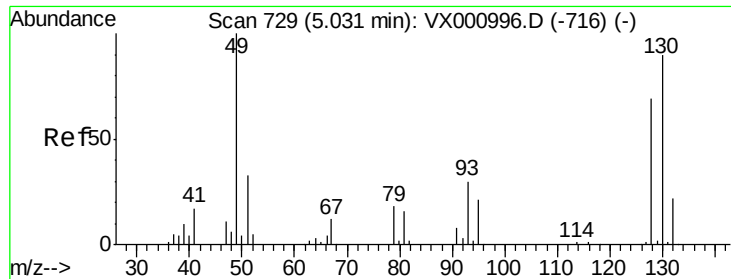
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#27
cis-1,2-Dichloroethene
Concen: 1.32 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion: 96 Resp: 3607
Ion Ratio Lower Upper
96 100
61 154.4 0.0 297.0
98 68.9 0.0 130.0





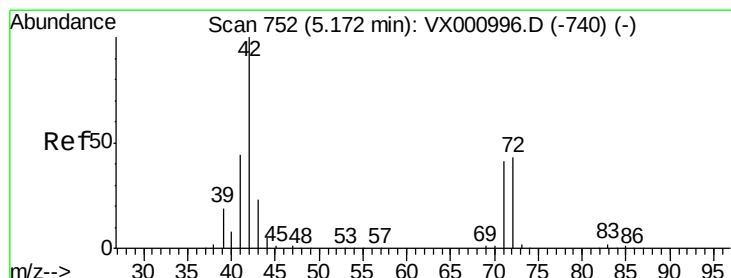
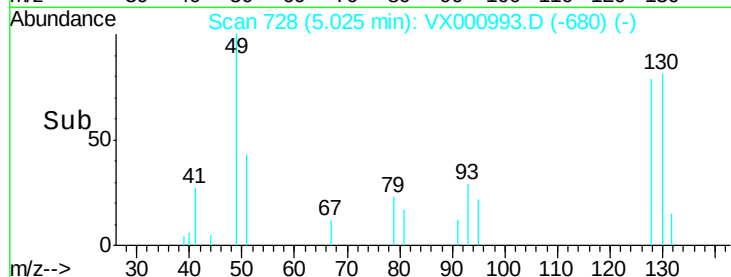
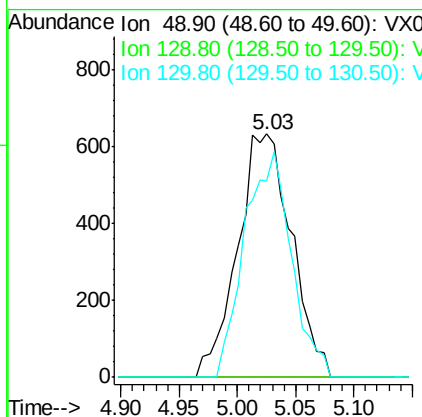
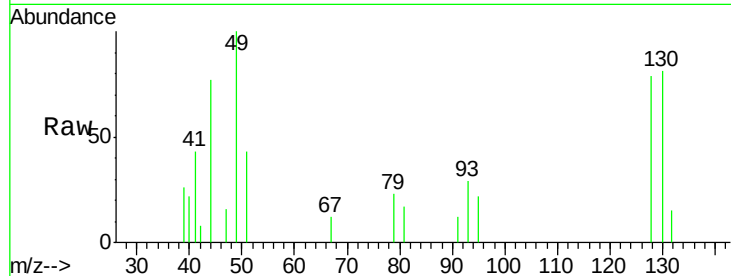
#28
Bromochloromethane
Concen: 1.13 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 49 Resp: 2044
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 80.6 70.6 105.8

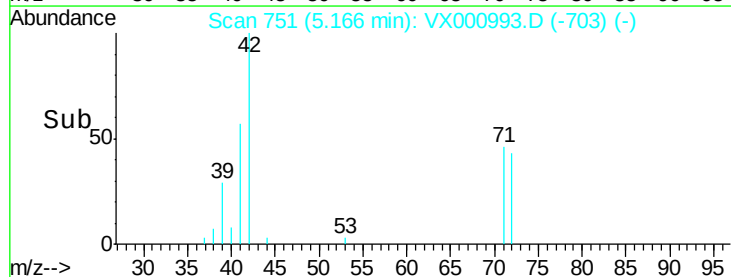
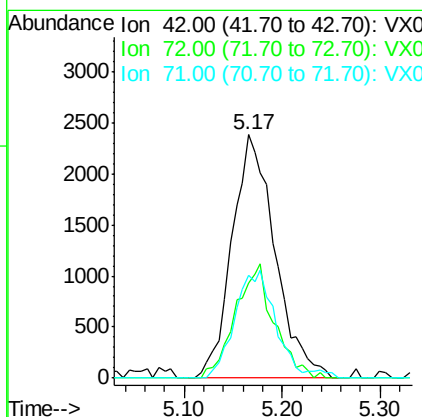
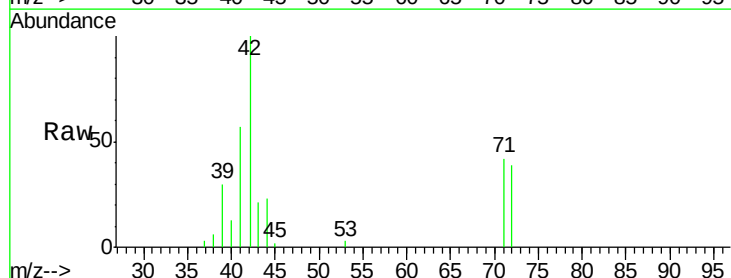
Manual Integrations
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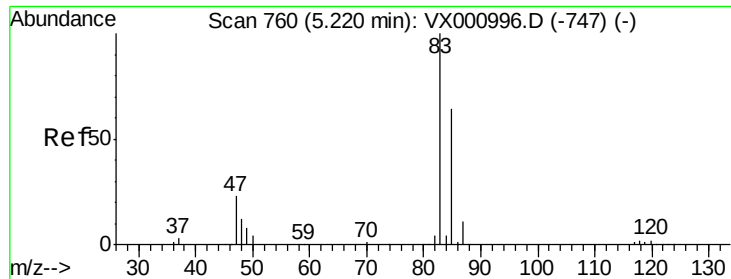
MMDadoda
4/20/2018 2:09:28 PM



#29
Tetrahydrofuran
Concen: 6.62 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion: 42 Resp: 7259
Ion Ratio Lower Upper
42 100
72 42.4 34.6 52.0
71 41.6 32.6 49.0





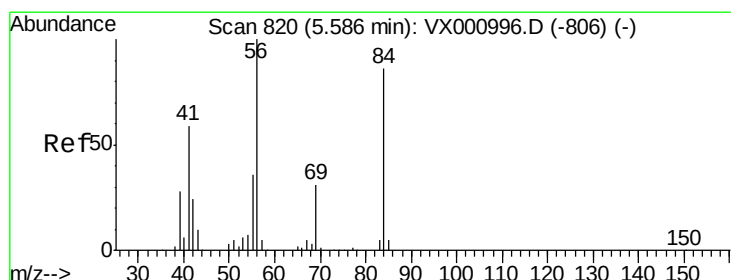
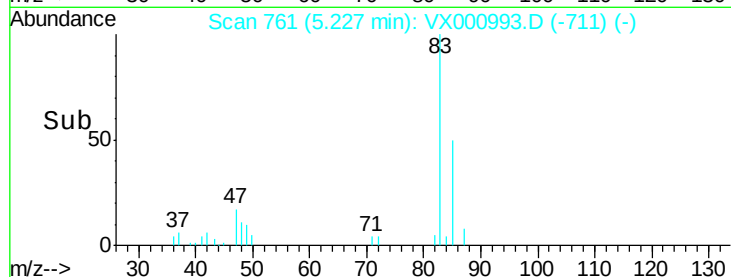
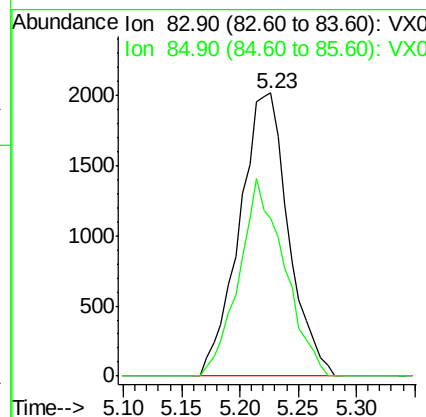
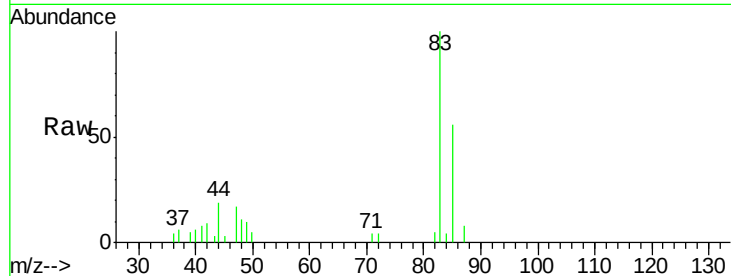
#30
Chloroform
Concen: 1.33 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	83	Resp	5907
Ion Ratio	100	Lower	Upper
83	100		
85	55.7	51.3	76.9

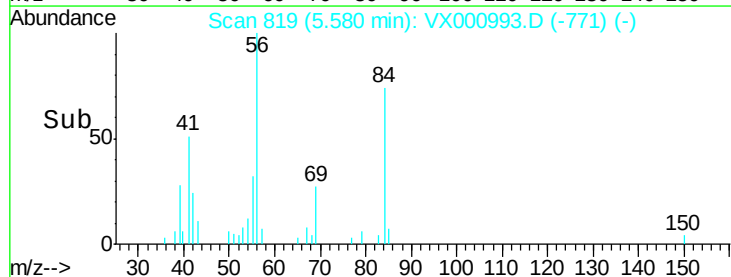
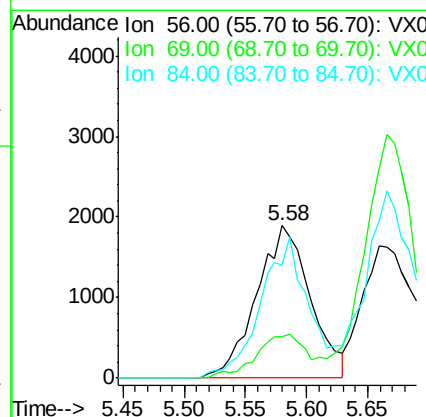
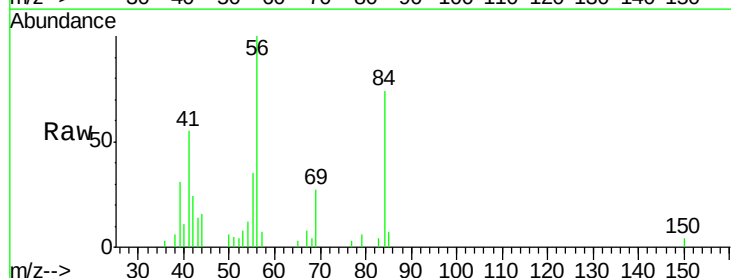
Manual Integrations
APPROVED

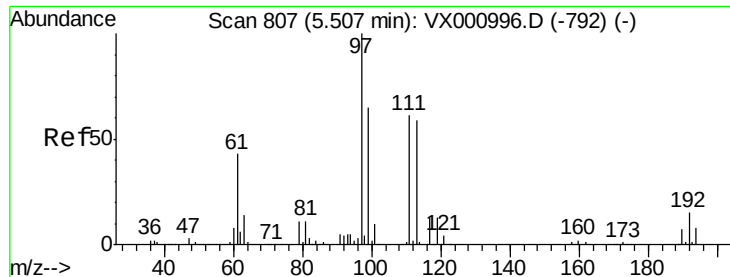
MMDadoda
4/20/2018 2:09:28 PM



#31
Cyclohexane
Concen: 1.48 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion	56	Resp	5770
Ion Ratio	100	Lower	Upper
56	100		
69	27.5	24.6	36.8
84	73.8	69.0	103.6





#32

1,1,1-Trichloroethane

Concen: 1.26 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

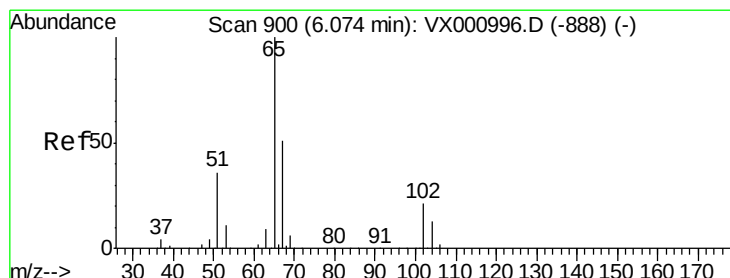
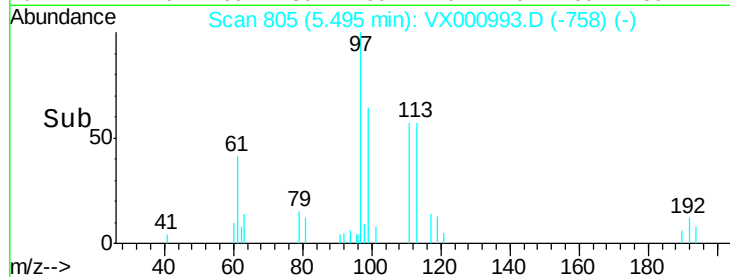
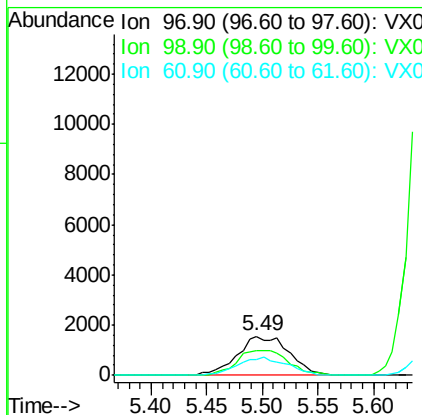
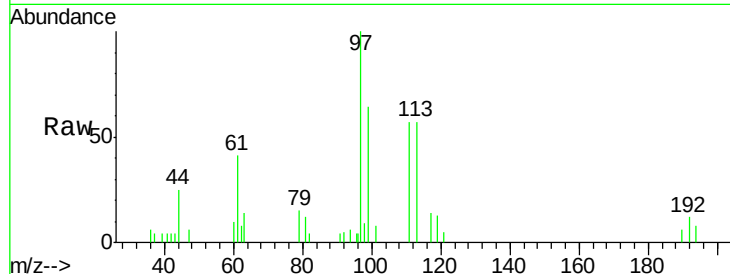
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.1	76.7#
61	44.3	34.4	51.6

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 1.24 ug/l

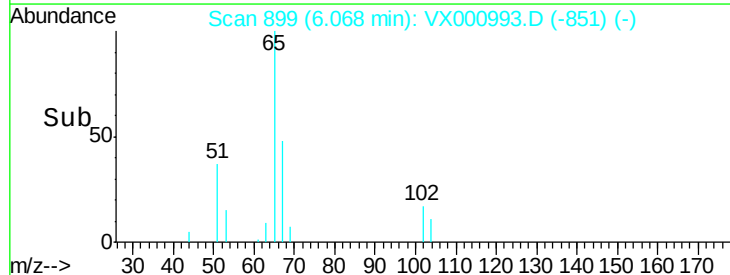
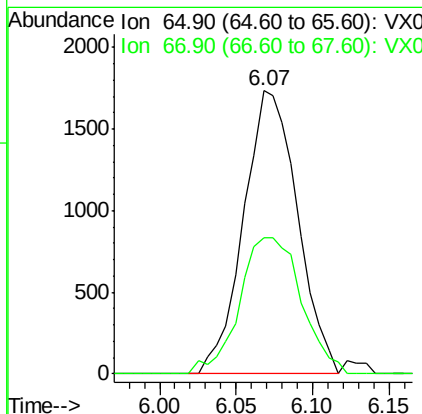
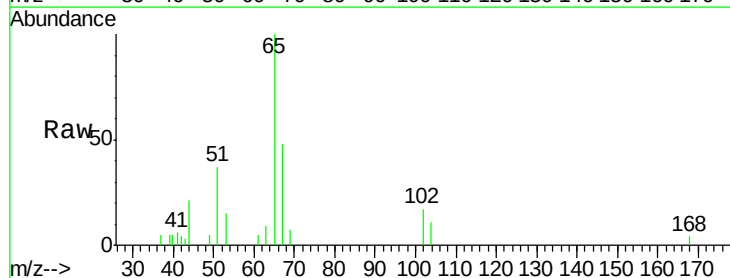
RT: 6.07 min Scan# 899

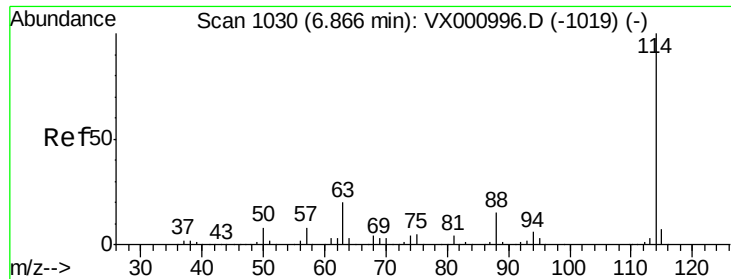
Delta R.T. -0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Tgt Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	102.6





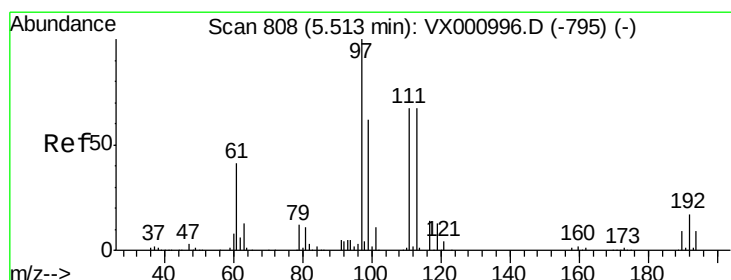
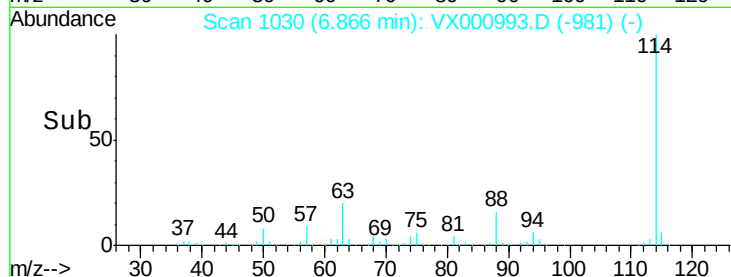
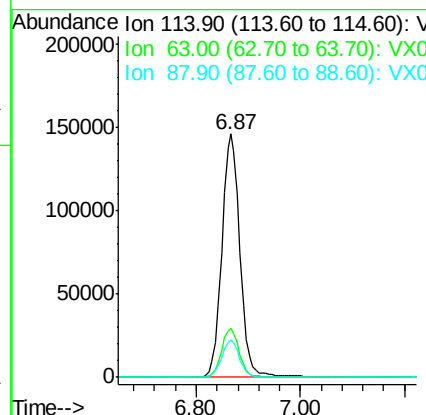
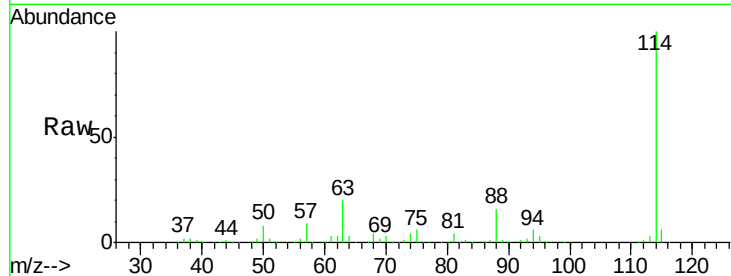
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
114	100	358567		
63	20.2		0.0	39.4
88	15.6		0.0	29.8

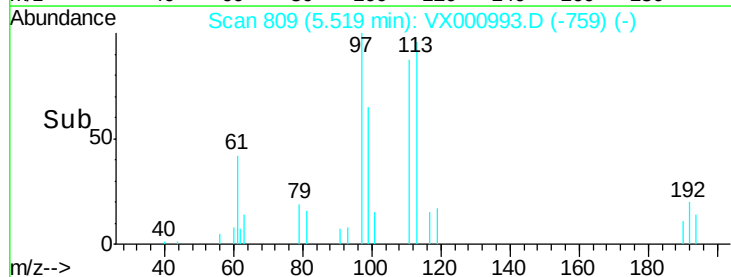
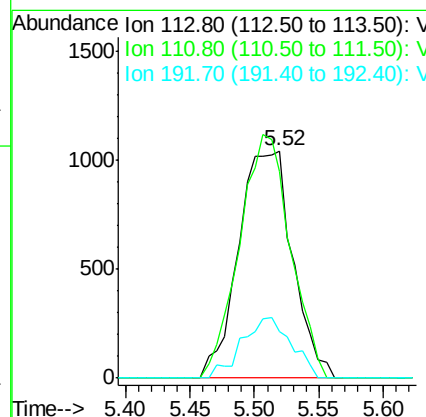
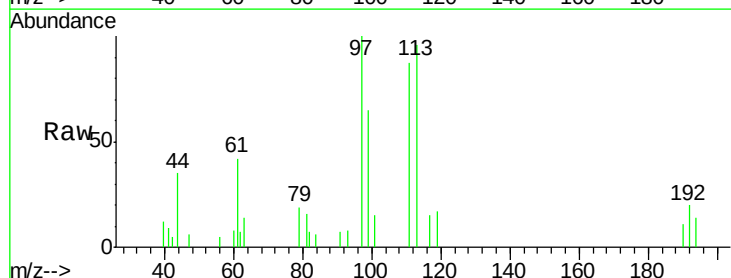
Manual Integrations
 APPROVED

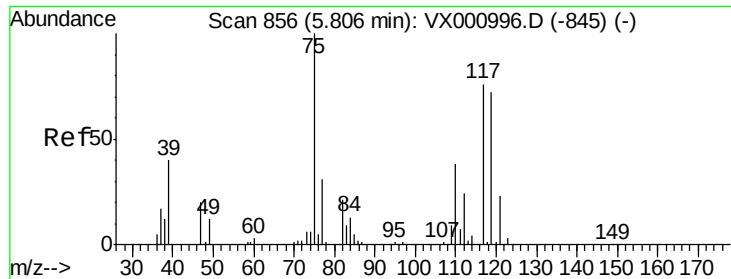
MMDadoda
 4/20/2018 2:09:28 PM



#35
 Dibromofluoromethane
 Concen: 1.21 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	3038		
111	101.1		81.4	122.2
192	24.2		20.4	30.6





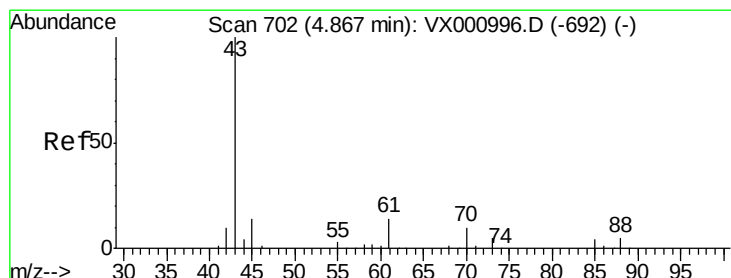
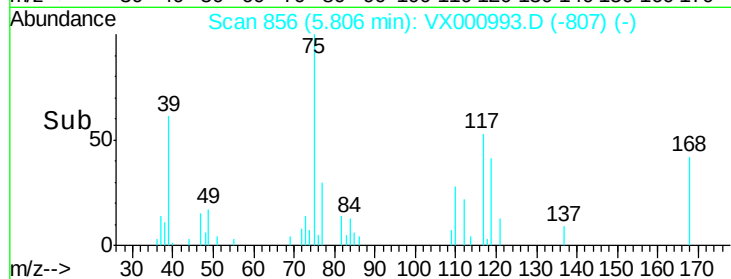
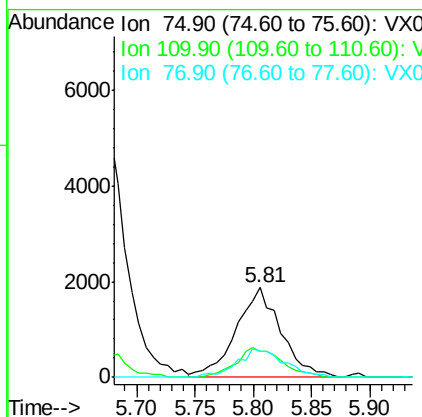
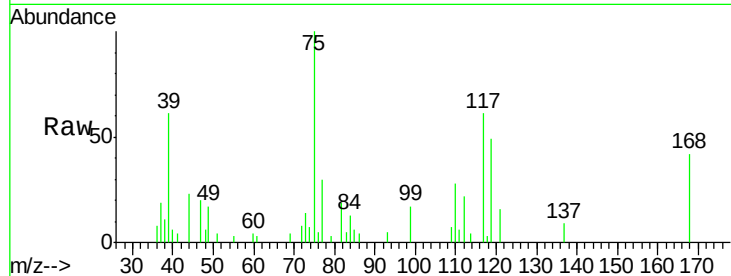
#36
 1,1-Dichloropropene
 Concen: 1.47 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.1	18.7	56.1
77	33.5	25.0	37.4

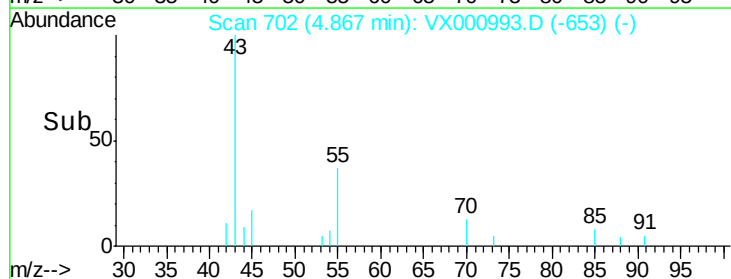
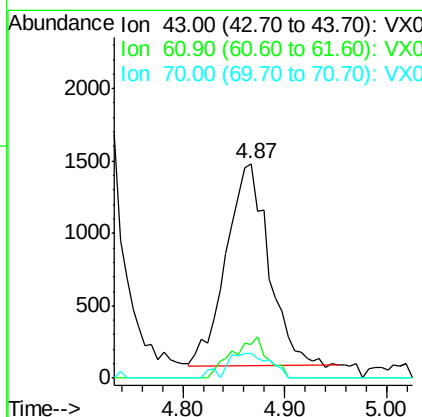
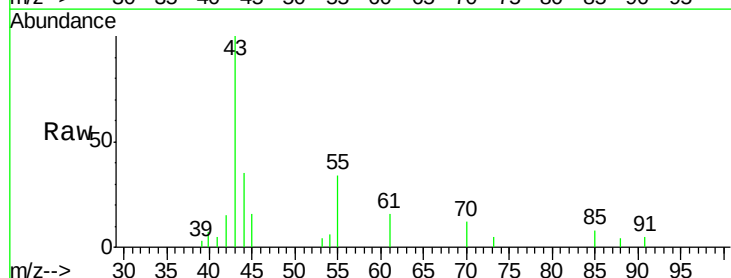
Manual Integrations
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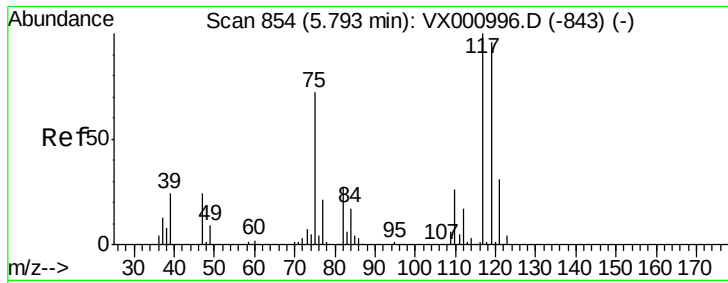
MMDadoda
 4/20/2018 2:09:28 PM



#37
 Ethyl Acetate
 Concen: 1.27 ug/l
 RT: 4.87 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.0	10.7	16.1#
70	12.6	8.3	12.5#





#38

Carbon Tetrachloride

Concen: 1.32 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

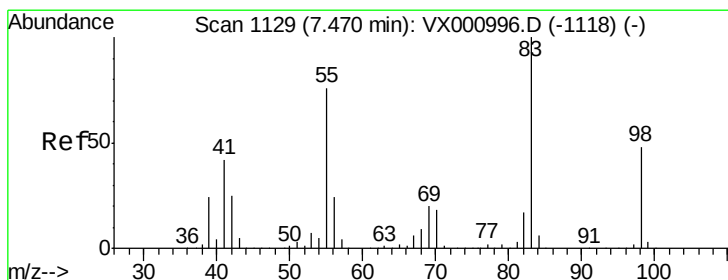
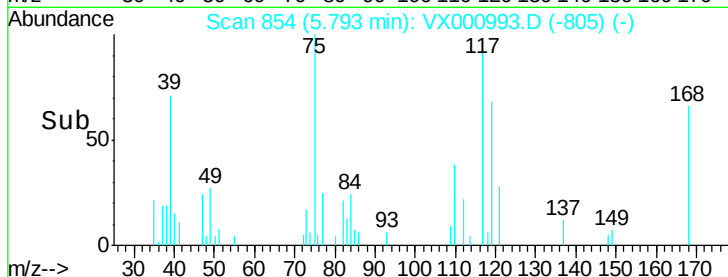
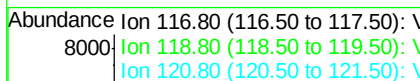
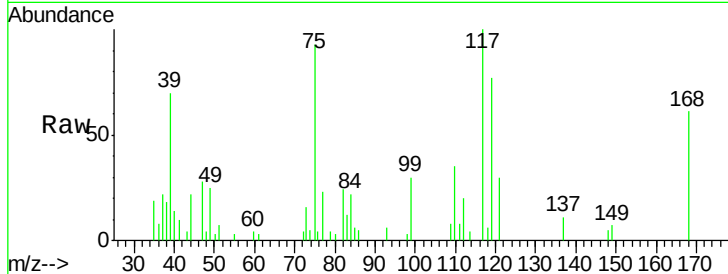
ClientSampled :

VSTDIC001

Tot Ion:	117	Resp:	4680
Ion	Ratio	Lower	Upper
117	100		
119	76.9	76.5	114.7
121	30.3	24.5	36.7

Manual Integrations
APPROVED

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4/20/2018 2:09:28 PM



#39

Methylcyclohexane

Concen: 1.35 ug/l

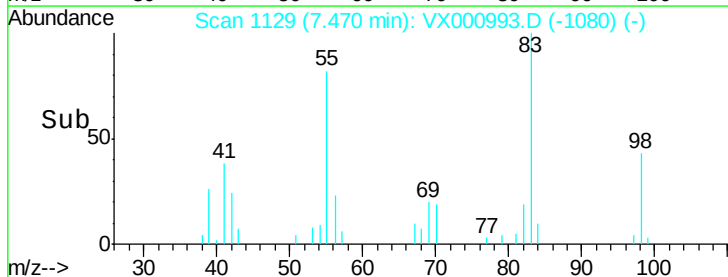
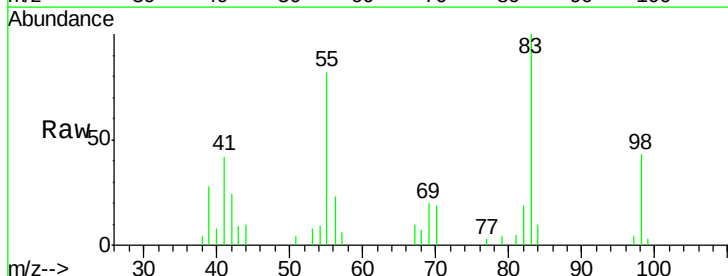
RT: 7.47 min Scan# 1129

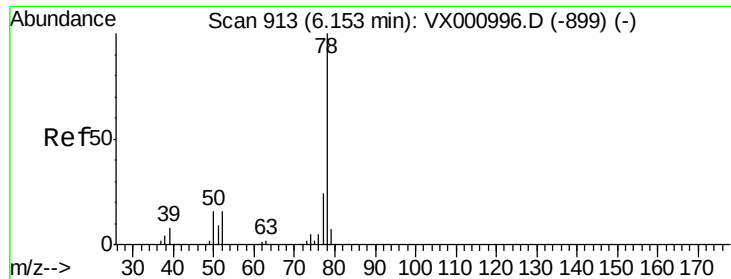
Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Tgt Ion:	83	Resp:	5522
Ion	Ratio	Lower	Upper
83	100		
55	81.8	60.6	91.0
98	42.8	38.2	57.4





#40

Benzene

Concen: 1.35 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 12826

Ion Ratio Lower Upper

78 100

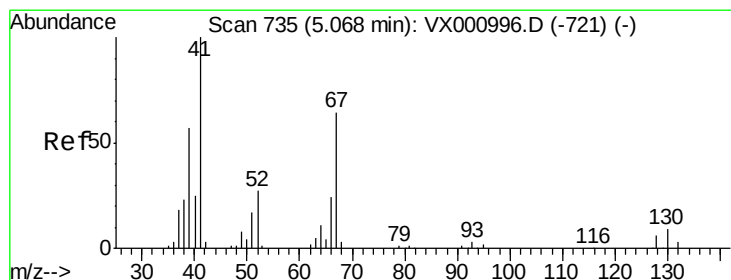
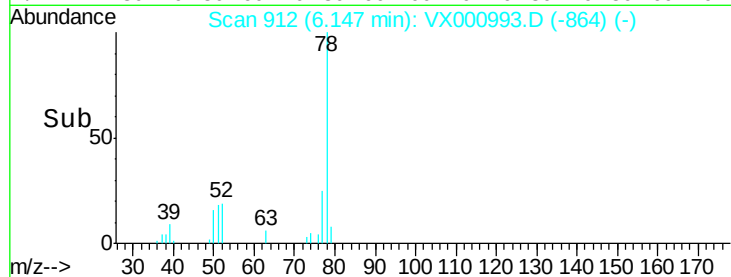
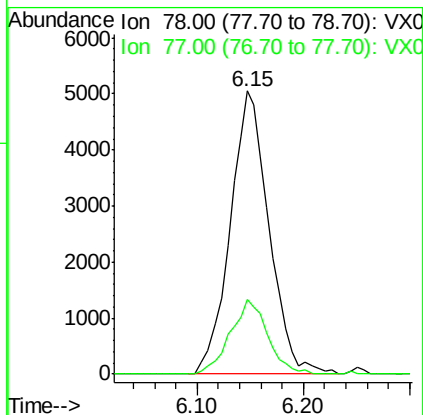
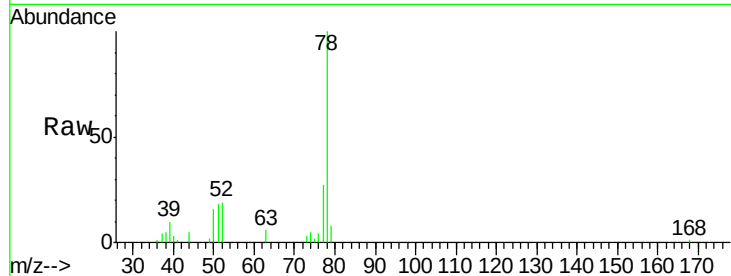
77 26.5 18.9 28.3

Manual Integrations

APPROVED

MMDadoda

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#41

Methacrylonitrile

Concen: 1.53 ug/l

RT: 5.06 min Scan# 733

Delta R.T. -0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Tgt Ion: 41 Resp: 3047

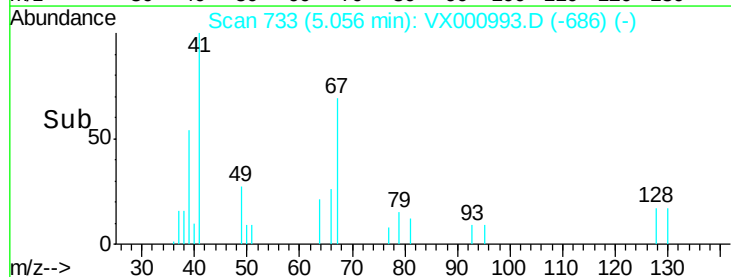
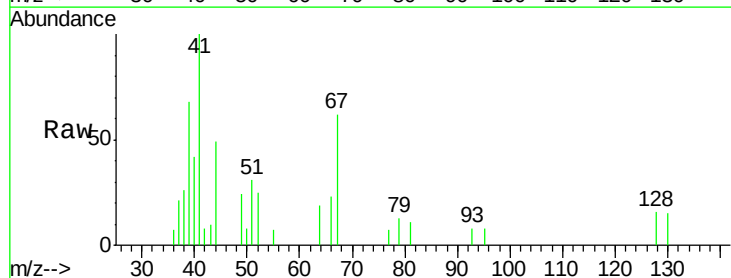
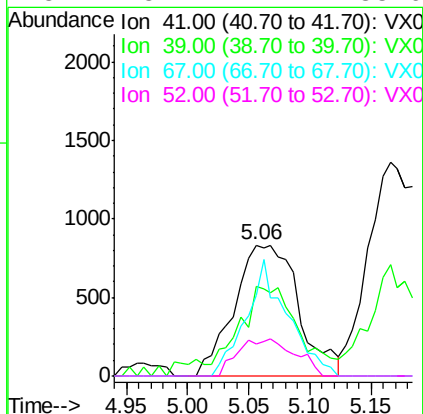
Ion Ratio Lower Upper

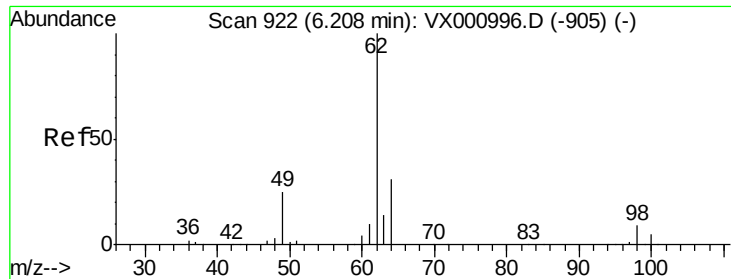
41 100

39 69.6 45.2 67.8#

67 57.5 53.8 80.8

52 25.1 22.4 33.6





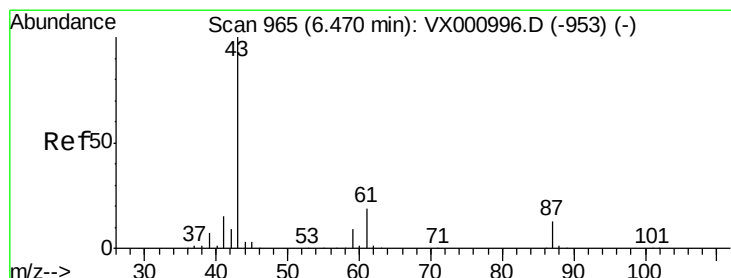
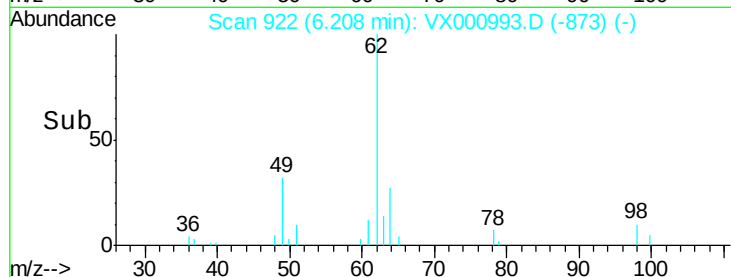
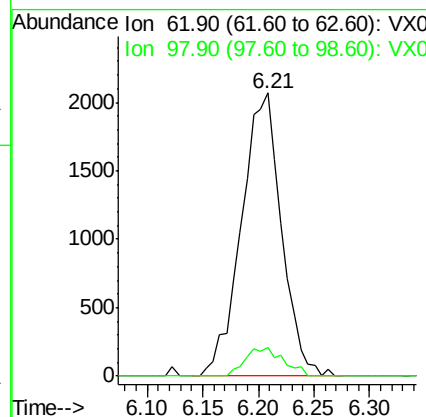
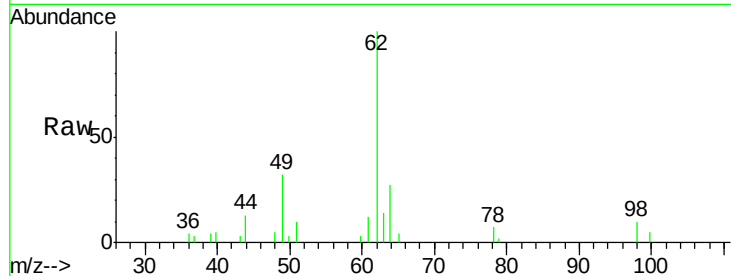
#42
 1,2-Dichloroethane
 Concen: 1.40 ug/l
 RT: 6.21 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
62	100	5179		
98	9.7	0.0	17.6	

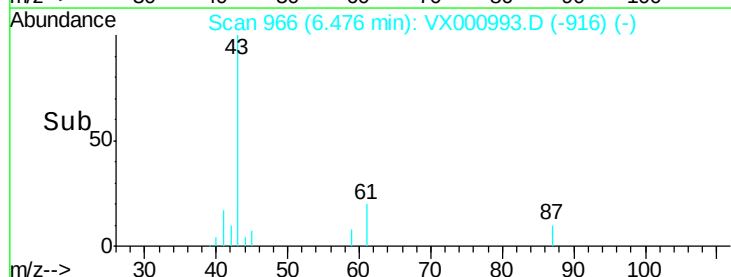
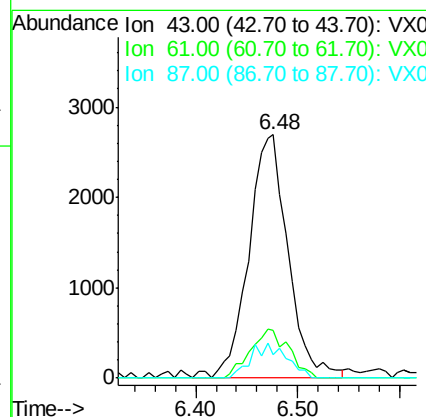
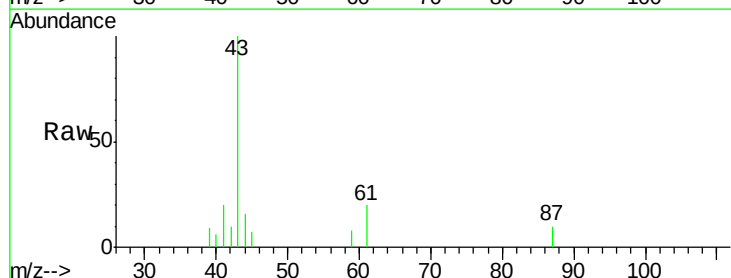
Manual Integrations
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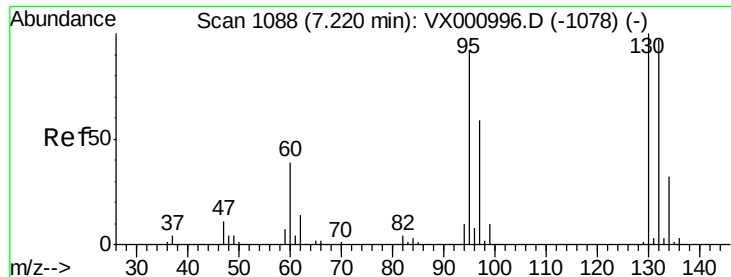
MMDadoda
 4/20/2018 2:09:28 PM



#43
 Isopropyl Acetate
 Concen: 1.34 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	7224		
61	19.6	15.4	23.2	
87	12.8	10.6	15.8	





#44

Trichloroethene

Concen: 1.34 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 4023

Ion Ratio Lower Upper

130 100

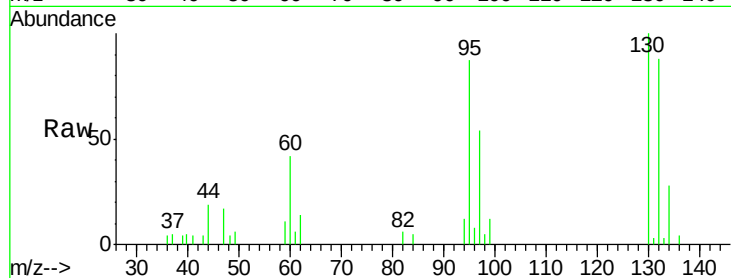
95 86.7 0.0 184.2

Manual Integrations

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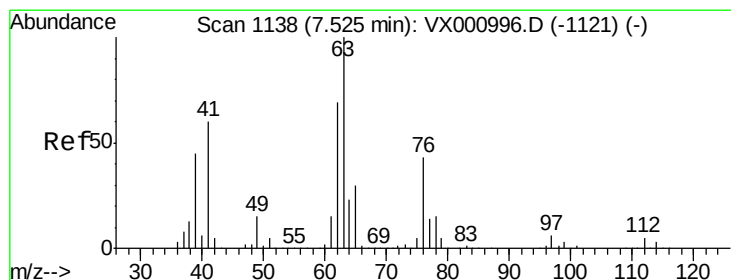
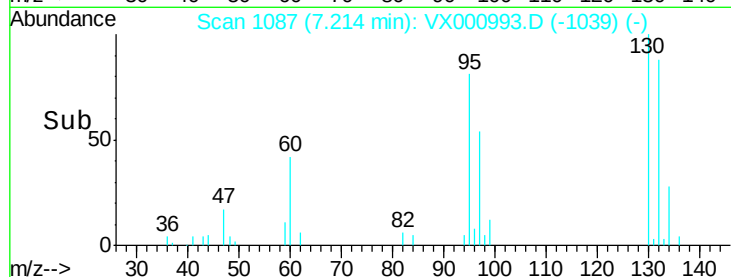
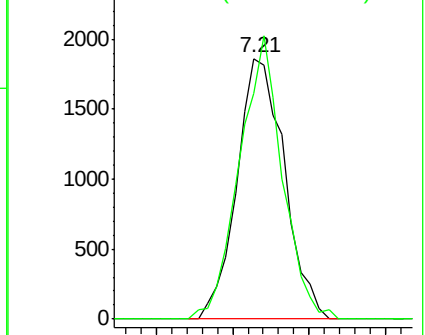
MMDadoda

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.31 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000993.D

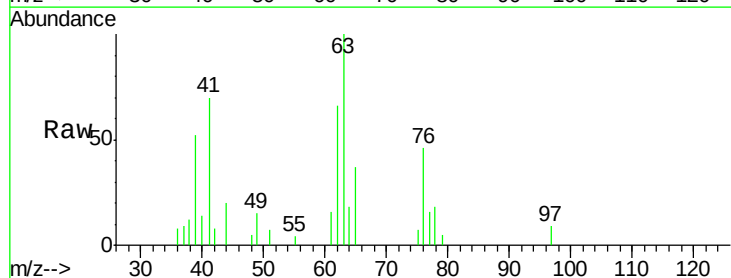
Acq: 19 Apr 2018 17:13

Tgt Ion: 63 Resp: 3235

Ion Ratio Lower Upper

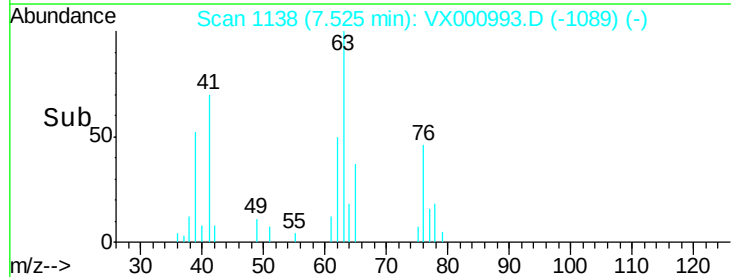
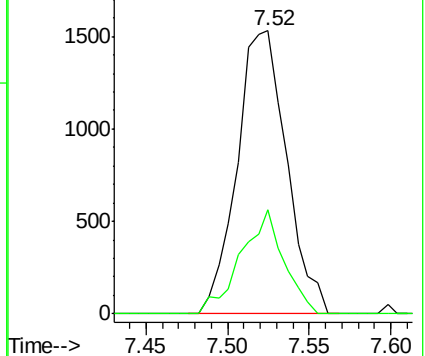
63 100

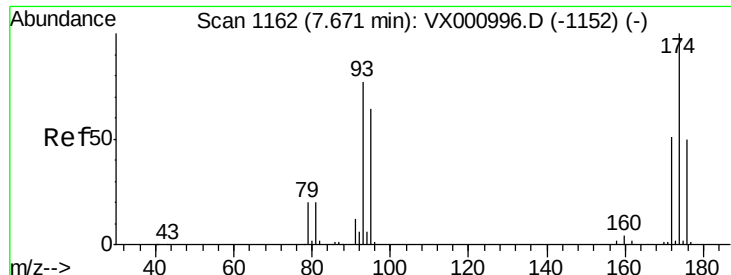
65 37.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





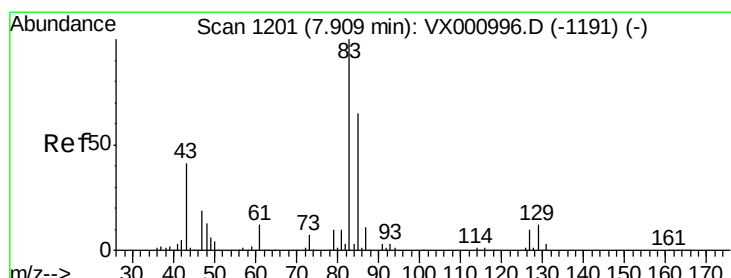
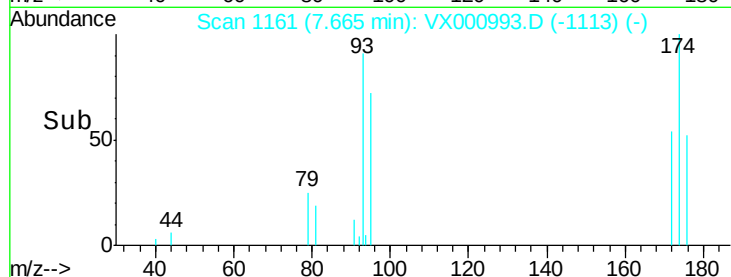
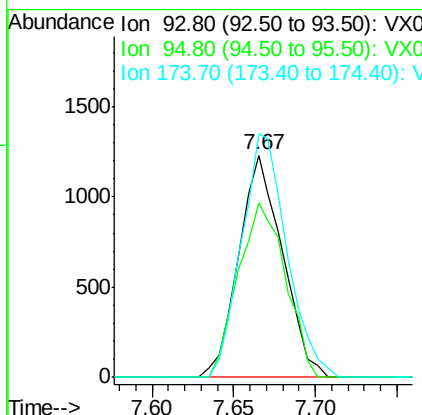
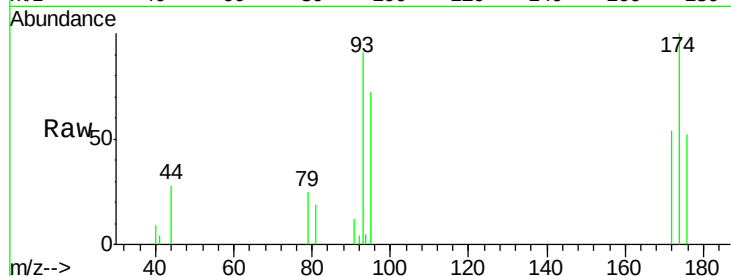
#46
Dibromomethane
Concen: 1.35 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. -0.01 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	84.9	66.7	100.1
174	113.6	101.8	152.6

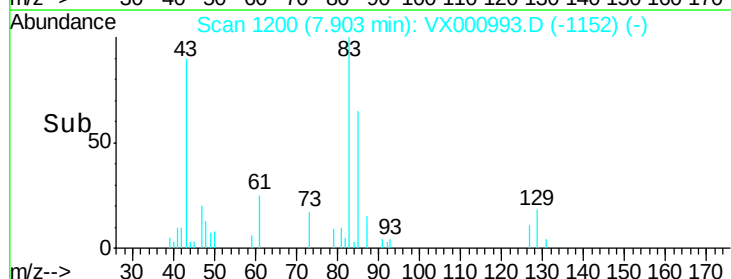
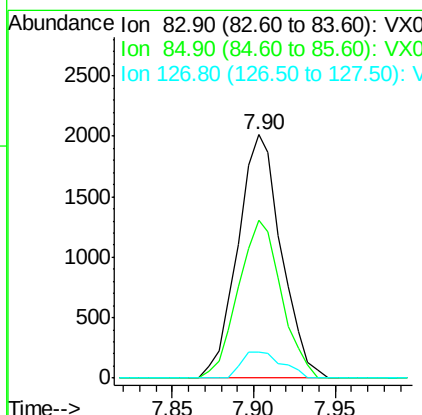
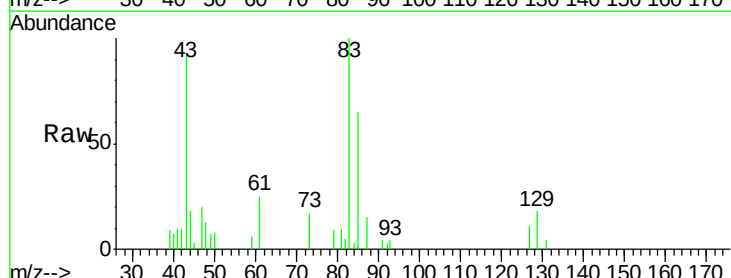
Manual Integrations
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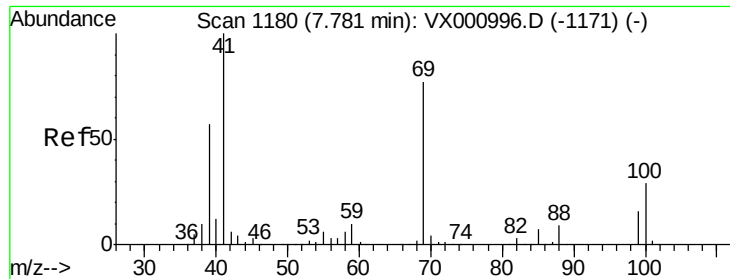
MMDadoda
4/20/2018 2:09:28 PM



#47
Bromodichloromethane
Concen: 1.18 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.3	78.5
127	10.8	7.8	11.6





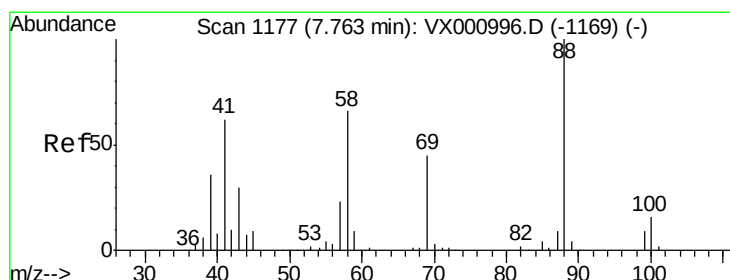
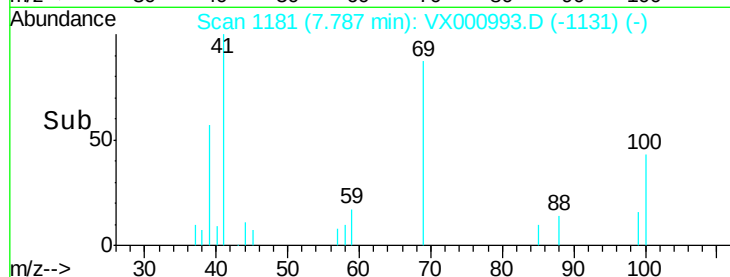
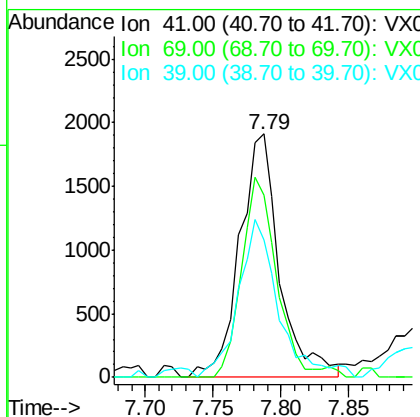
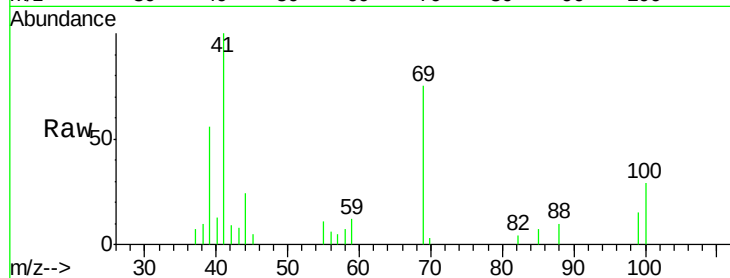
#48
Methvl methacrylate
Concen: 1.30 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	71.2	62.6	94.0
39	64.8	45.3	67.9

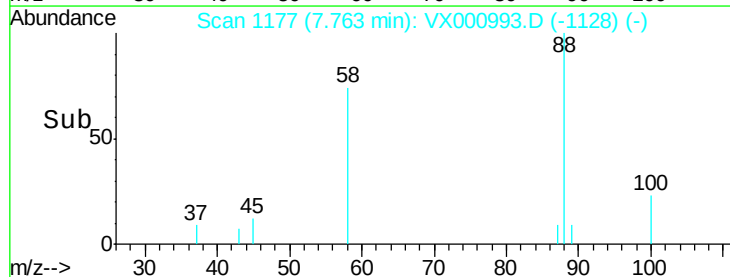
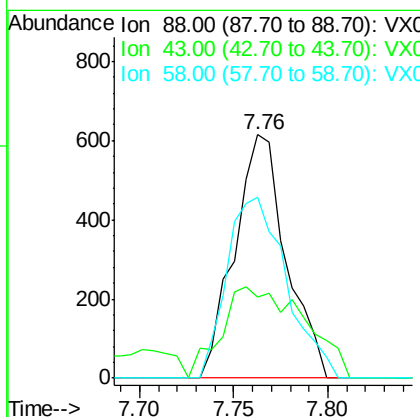
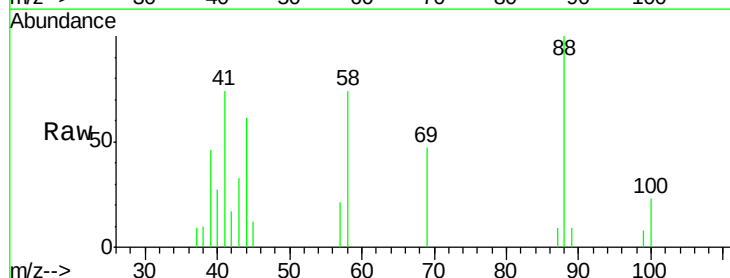
Manual Integrations
APPROVED

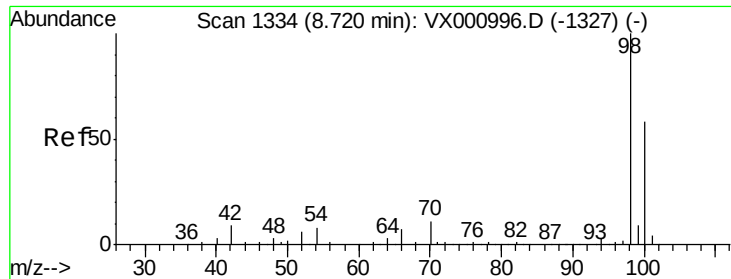
MMDadoda
4/20/2018 2:09:28 PM



#49
1,4-Dioxane
Concen: 28.34 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion	Ratio	Lower	Upper
88	100		
43	60.3	29.2	43.8#
58	85.6	55.0	82.6#





#50

Toluene-d8

Concen: 1.28 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 98 Resp: 11595

Ion Ratio Lower Upper

98 100

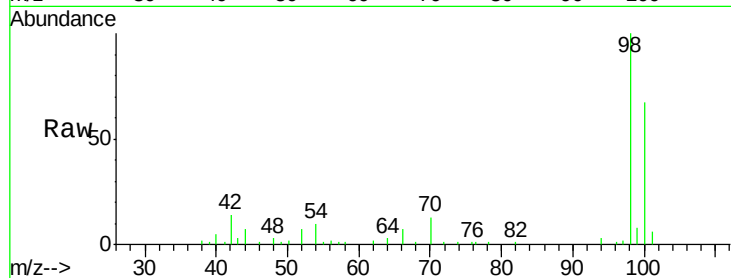
100 66.0 51.9 77.9

Manual Integrations

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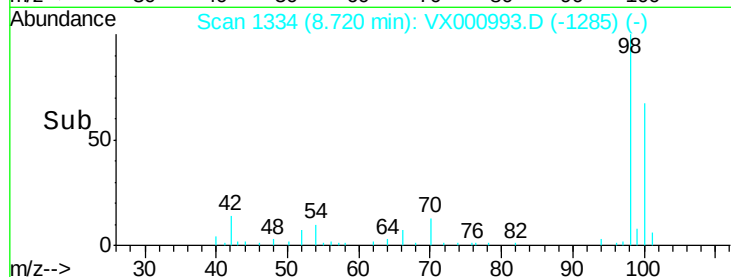


Abundance Ion 98.00 (97.70 to 98.70): VX0

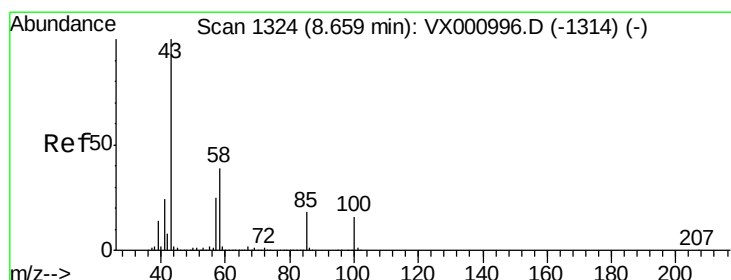
Ion 100.00 (99.70 to 100.70): VX

8.72

8.65 8.70 8.75 8.80



Time-->



#51

4-Methyl-2-Pentanone

Concen: 6.42 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX000993.D

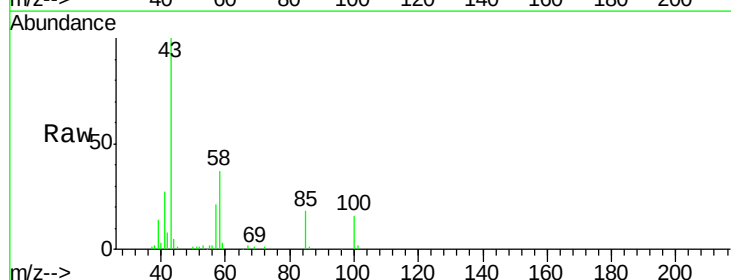
Acq: 19 Apr 2018 17:13

Tgt Ion: 43 Resp: 20956

Ion Ratio Lower Upper

43 100

58 37.3 30.2 45.4

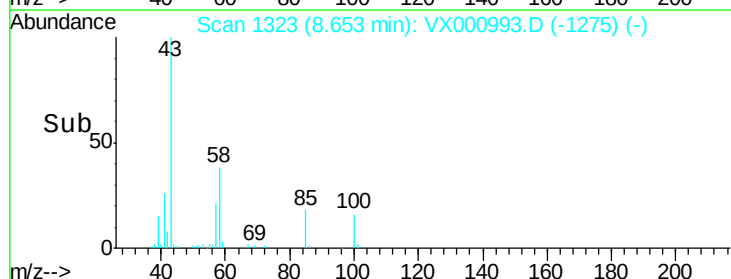


Abundance Ion 43.00 (42.70 to 43.70): VX0

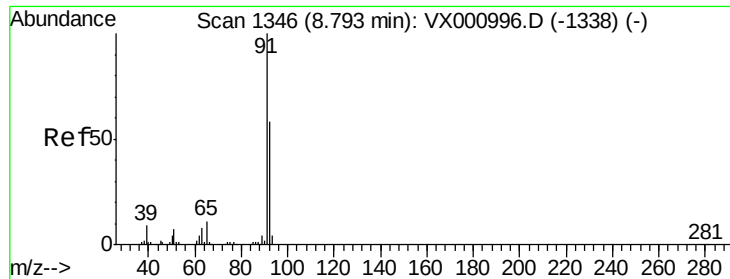
Ion 58.00 (57.70 to 58.70): VX0

8.65

8.60 8.65 8.70



Time-->



#52

Toluene

Concen: 1.29 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 8074

Ion Ratio Lower Upper

92 100

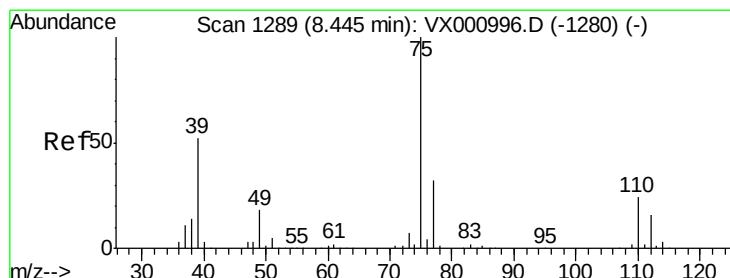
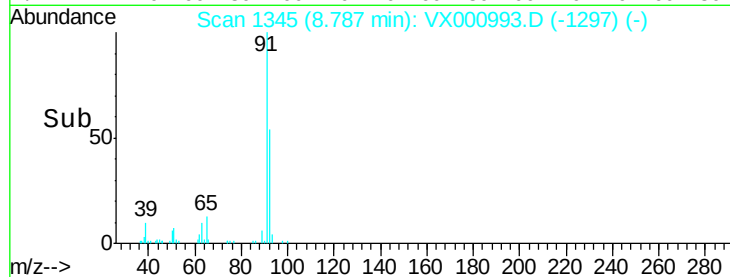
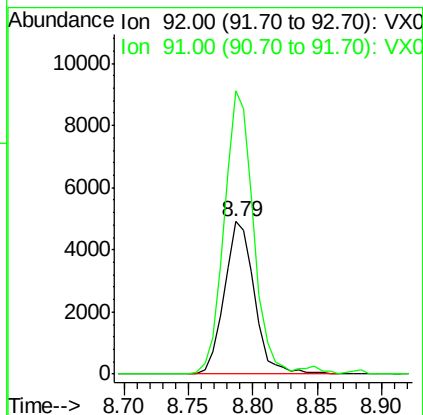
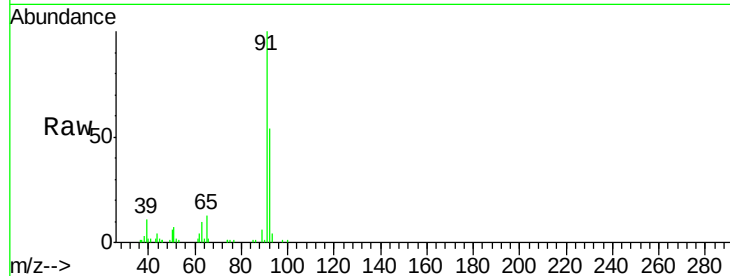
91 178.5 138.2 207.4

Manual Integrations

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#53

t-1,3-Dichloropropene

Concen: 1.11 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000993.D

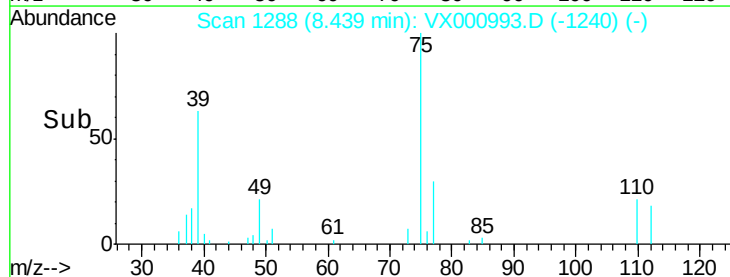
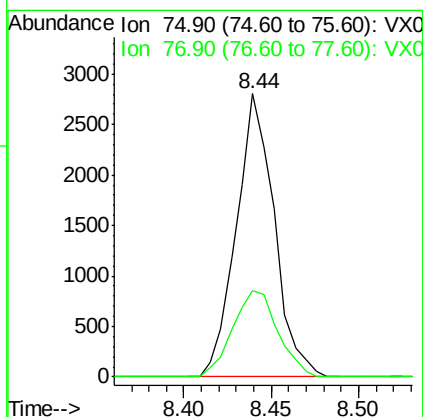
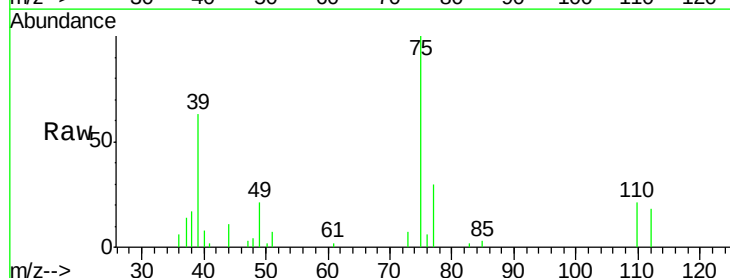
Acq: 19 Apr 2018 17:13

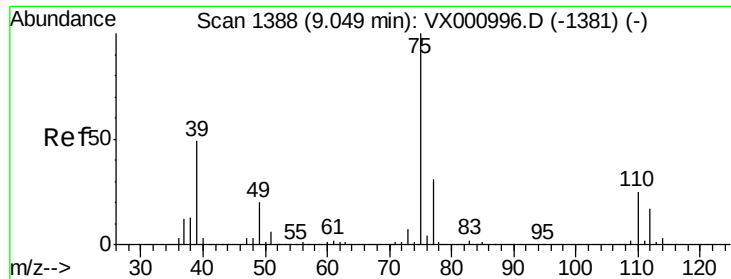
Tgt Ion: 75 Resp: 4234

Ion Ratio Lower Upper

75 100

77 30.3 25.8 38.6





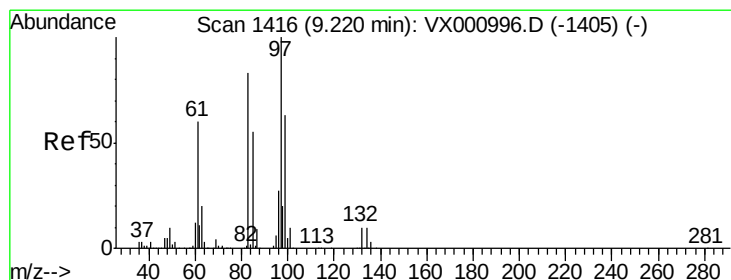
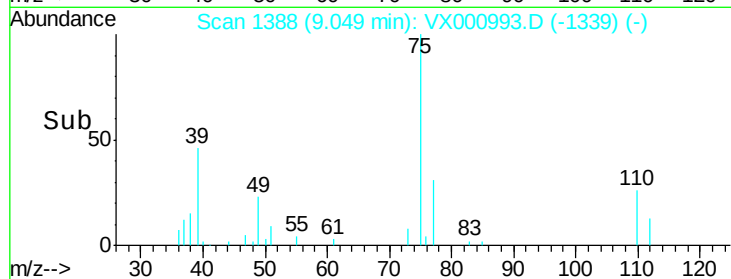
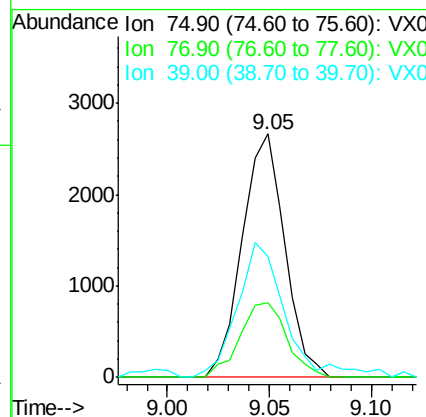
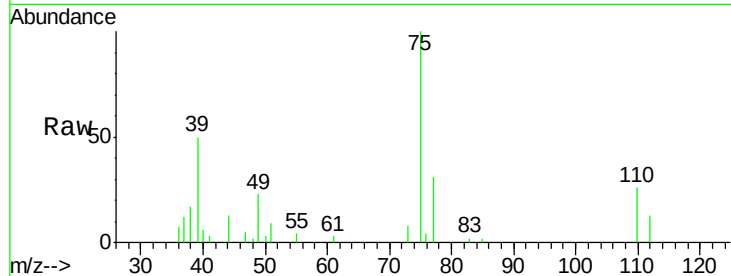
#54
 cis-1,3-Dichloropropene
 Concen: 1.07 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.0	37.6
39	49.8	39.2	58.8

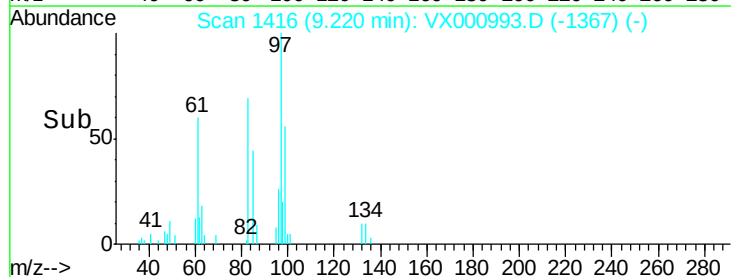
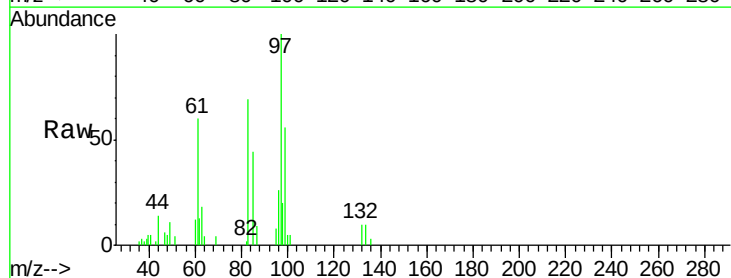
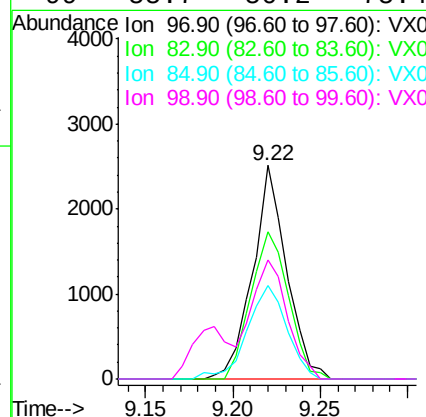
Manual Integrations
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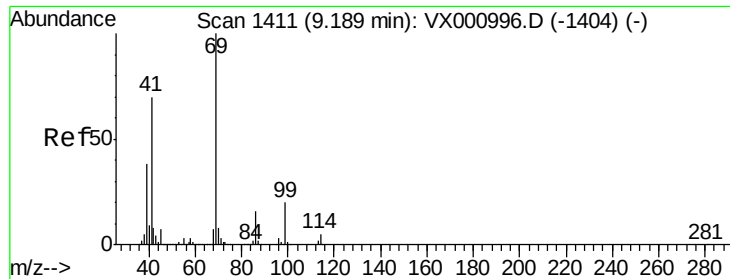
MMDadoda
 4/20/2018 2:09:28 PM



#55
 1,1,2-Trichloroethane
 Concen: 1.40 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Tgt Ion	Ratio	Lower	Upper
97	100		
83	69.2	66.2	99.4
85	43.7	44.2	66.4#
99	55.7	50.2	75.4





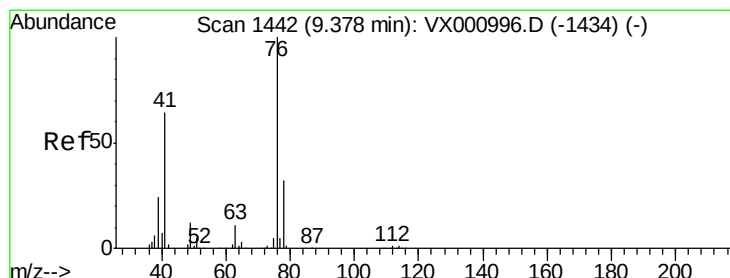
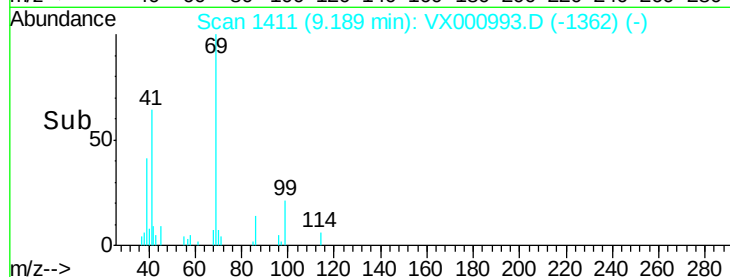
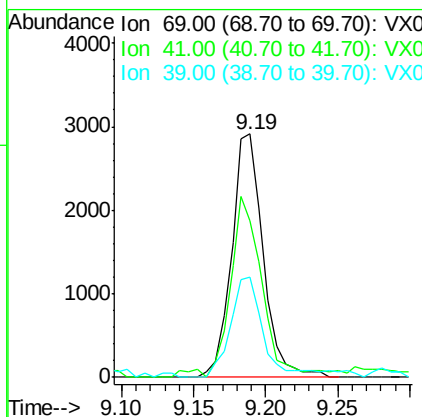
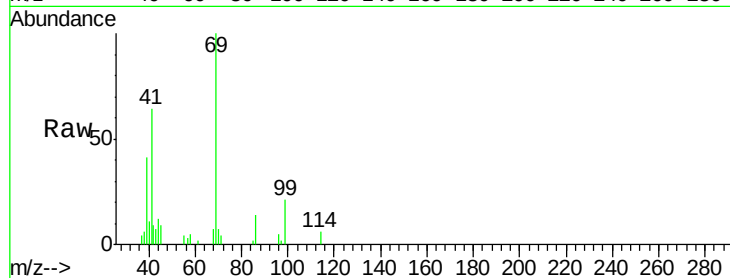
#56
Ethyl methacrylate
Concen: 1.21 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
69	100		
41	76.1	56.3	84.5
39	42.9	30.4	45.6

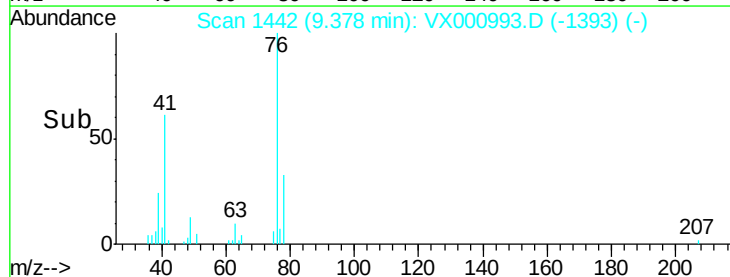
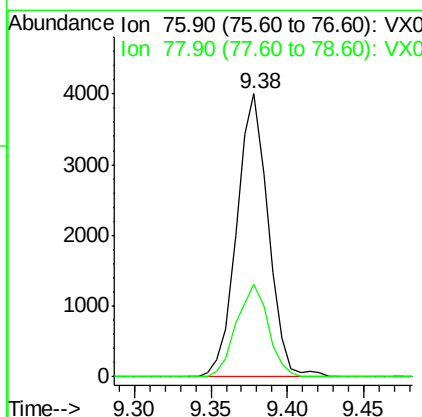
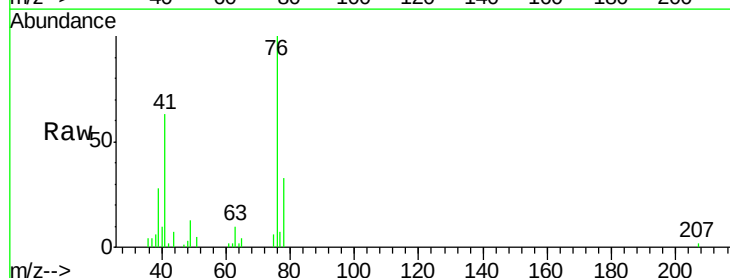
Manual Integrations
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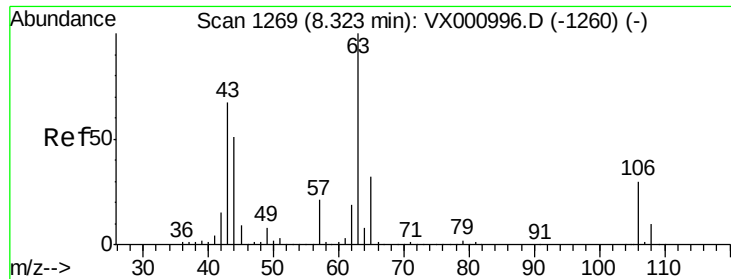
MMDadoda
4/20/2018 2:09:28 PM



#57
1,3-Dichloropropane
Concen: 1.42 ug/l
RT: 9.38 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion	Ratio	Lower	Upper
76	100		
78	33.1	25.8	38.6





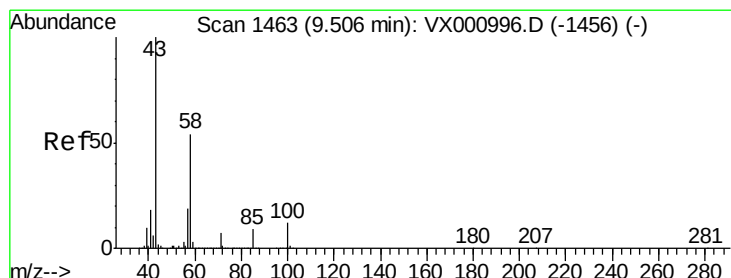
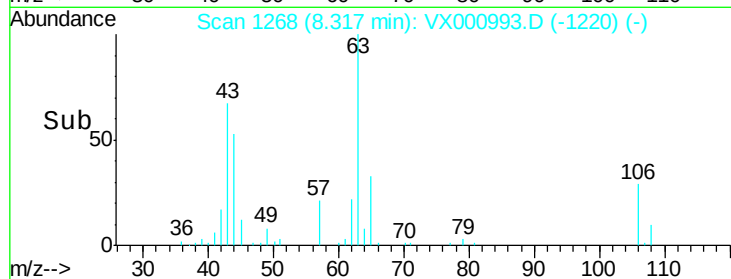
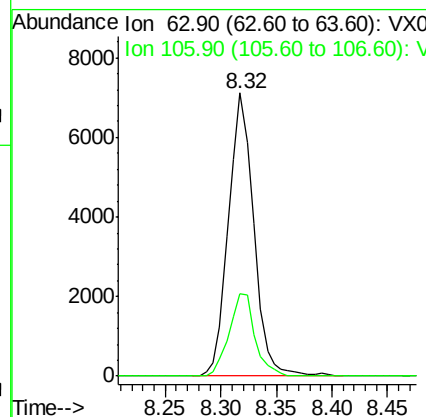
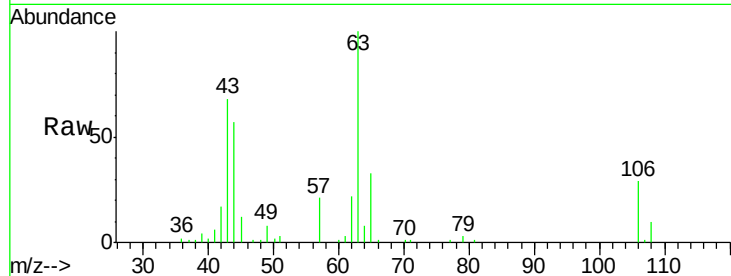
#58
2-Chloroethyl Vinyl ether
Concen: 6.71 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 63 Resp: 11283
Ion Ratio Lower Upper
63 100
106 29.3 23.8 35.6

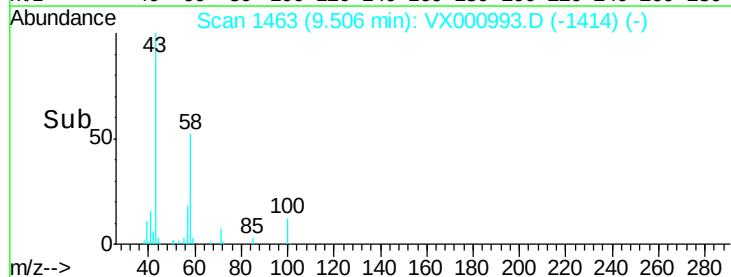
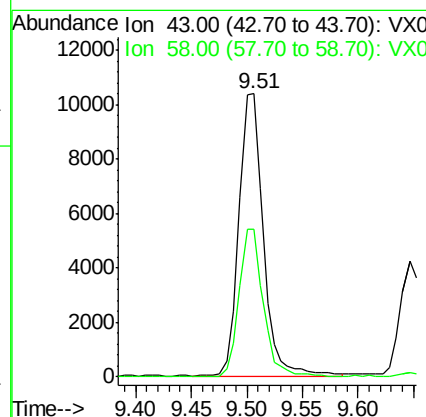
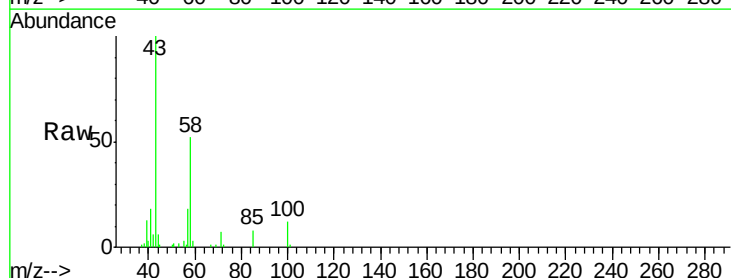
Manual Integrations
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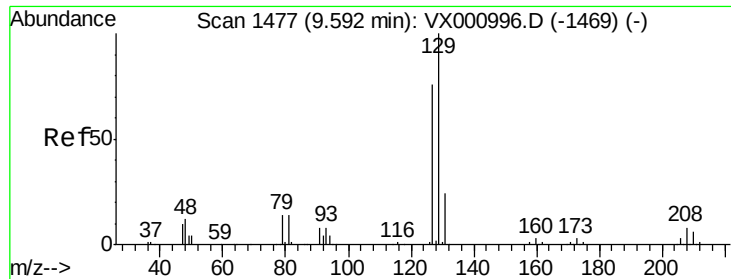
MMDadoda
4/20/2018 2:09:28 PM



#59
2-Hexanone
Concen: 6.43 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion: 43 Resp: 16109
Ion Ratio Lower Upper
43 100
58 51.0 26.3 78.9





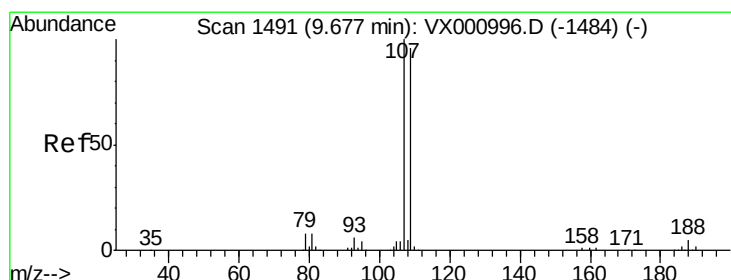
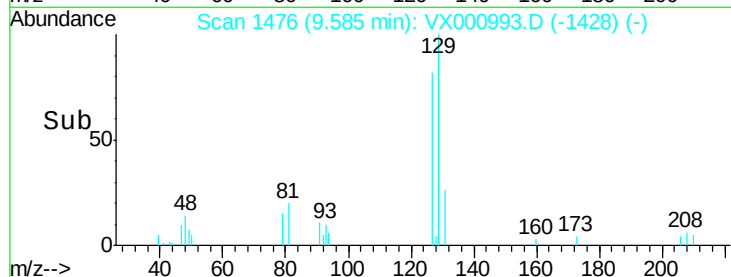
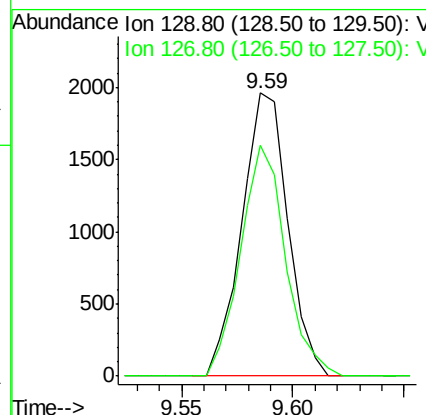
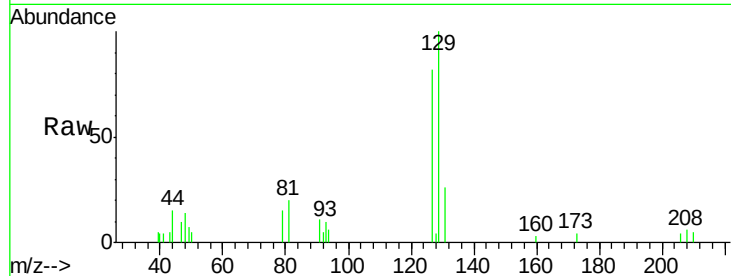
#60
Dibromochloromethane
Concen: 1.05 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
129	100		
127	79.6	38.6	115.8

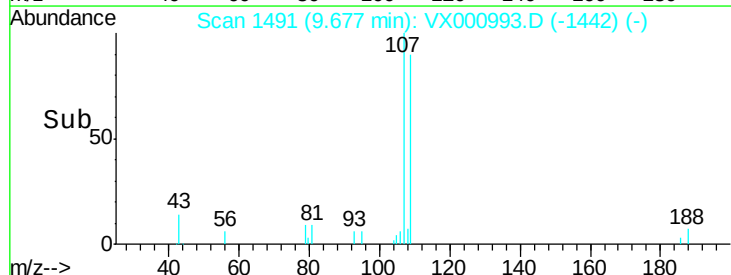
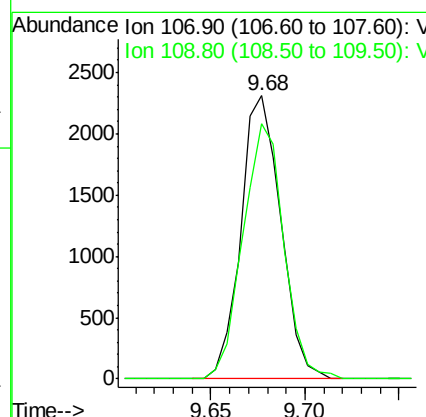
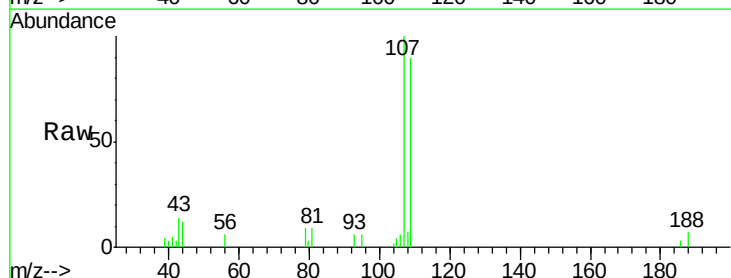
Manual Integrations
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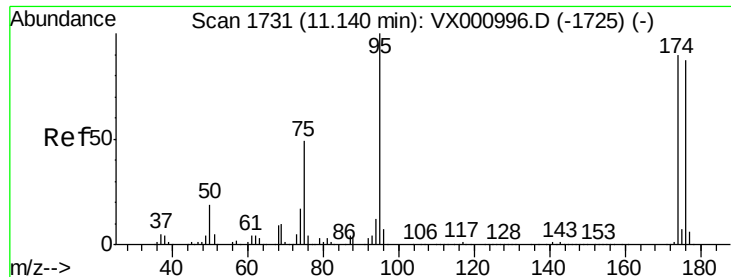
MMDadoda
4/20/2018 2:09:28 PM



#61
1,2-Dibromoethane
Concen: 1.29 ug/l
RT: 9.68 min Scan# 1491
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.5	76.0	114.0





#62

4-Bromofluorobenzene

Concen: 1.35 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

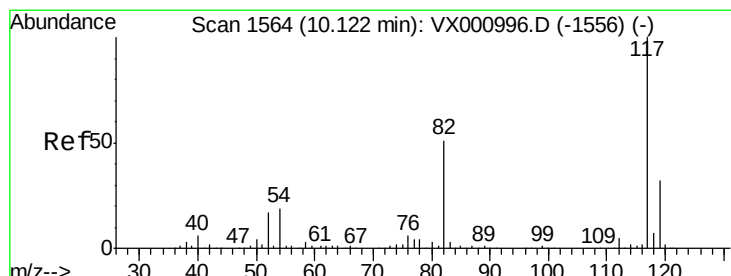
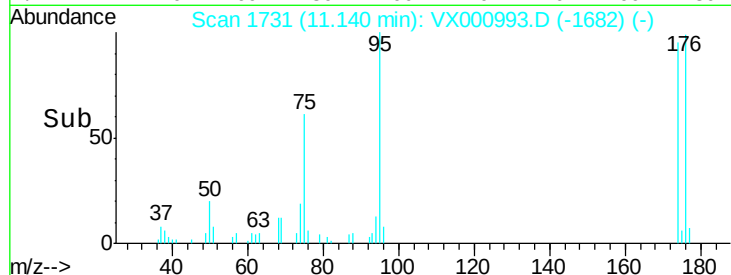
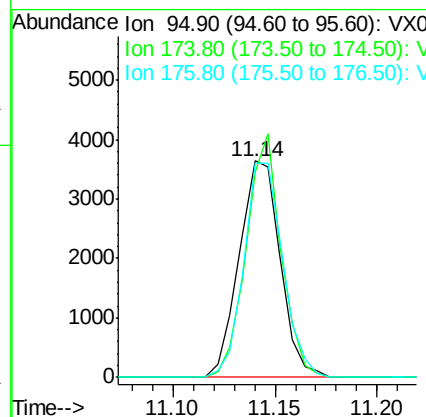
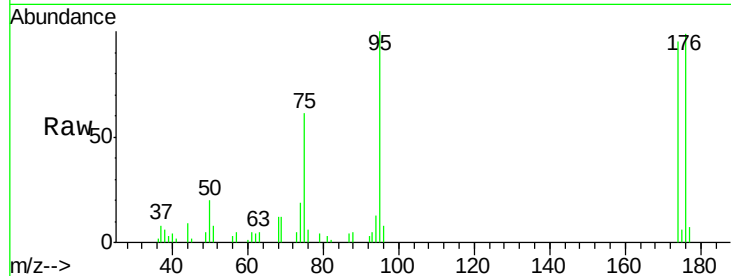
ClientSampled :

VSTDIC001

Tot Ion:	95	Resp:	5047
Ion	Ratio	Lower	Upper
95	100		
174	96.0	0.0	198.4
176	94.8	0.0	192.0

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

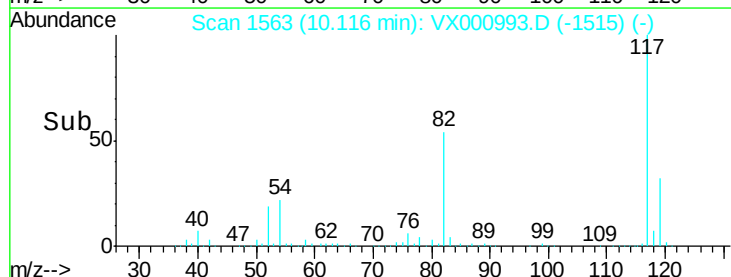
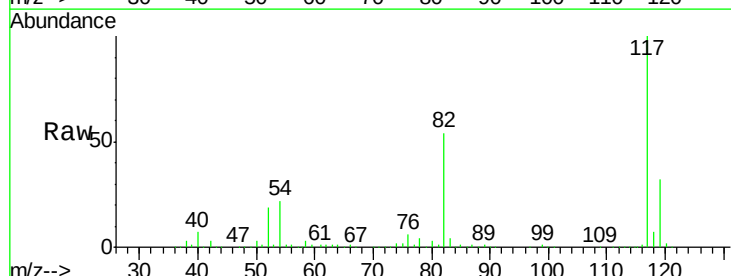
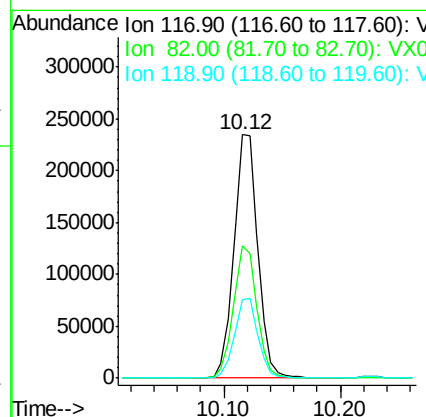
RT: 10.12 min Scan# 1563

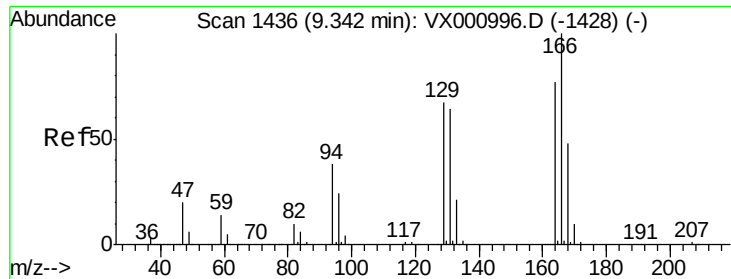
Delta R.T. -0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Tgt Ion:	117	Resp:	336623
Ion	Ratio	Lower	Upper
117	100		
82	54.1	40.6	60.8
119	32.3	26.0	39.0





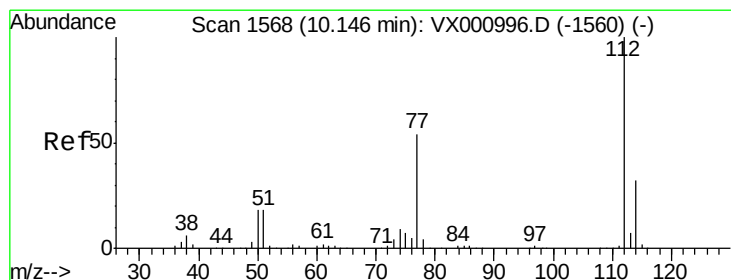
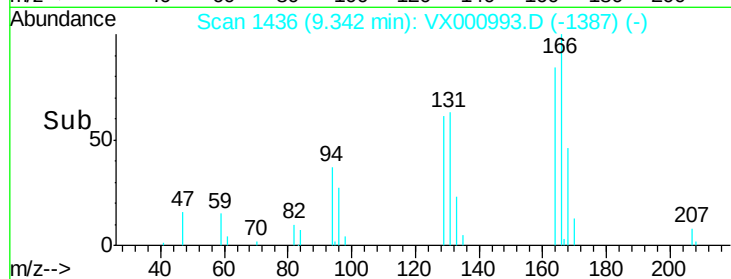
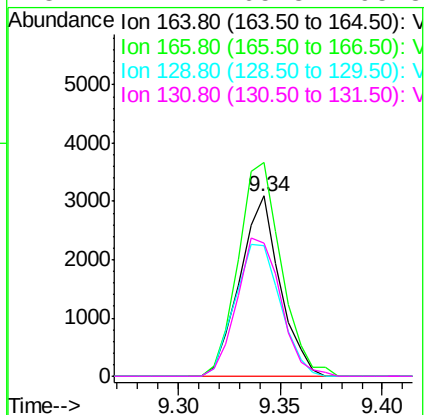
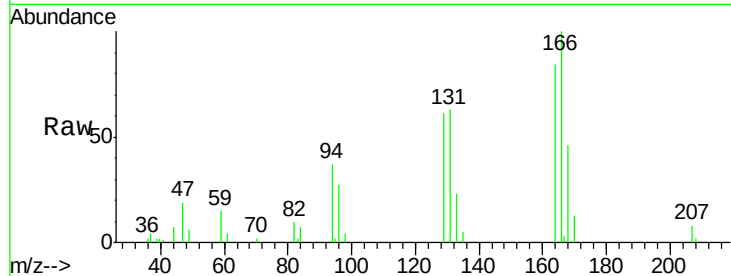
#64
Tetrachloroethene
Concen: 1.42 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	118.7	103.5	155.3
129	72.3	69.6	104.4
131	74.2	65.8	98.8

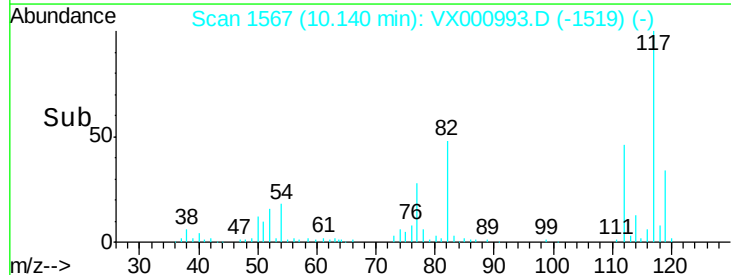
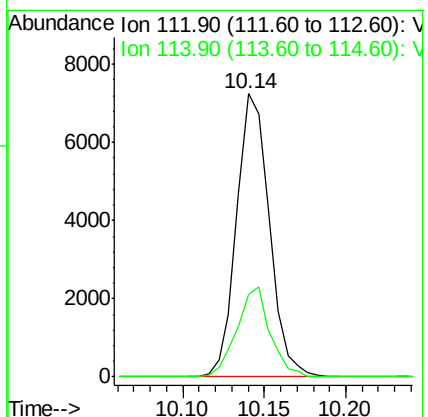
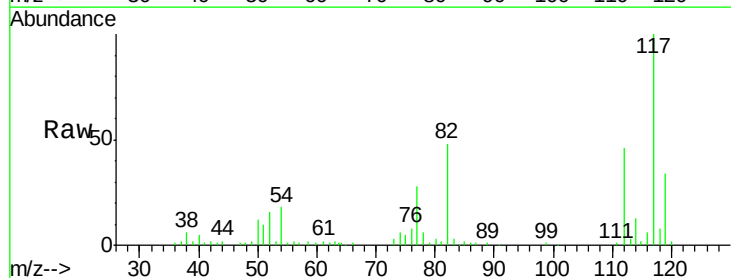
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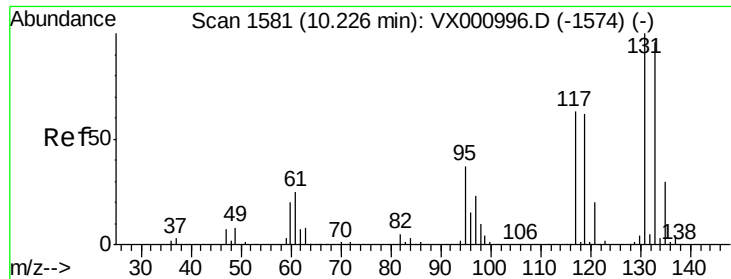
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#65
Chlorobenzene
Concen: 1.38 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion	Ratio	Lower	Upper
112	100		
114	29.2	25.5	38.3





#66

1,1,1,2-Tetrachloroethane

Concen: 1.17 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:131 Resp: 2997

Ion Ratio Lower Upper

131 100

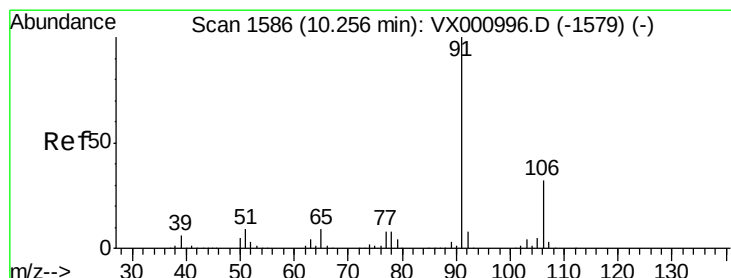
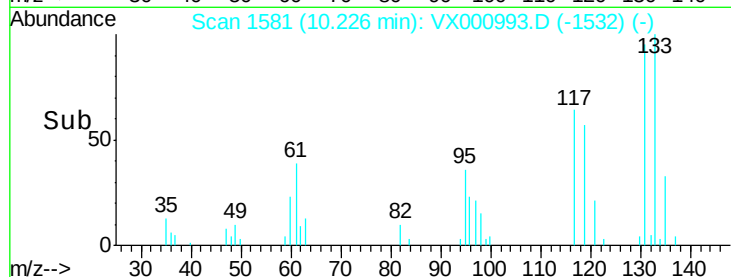
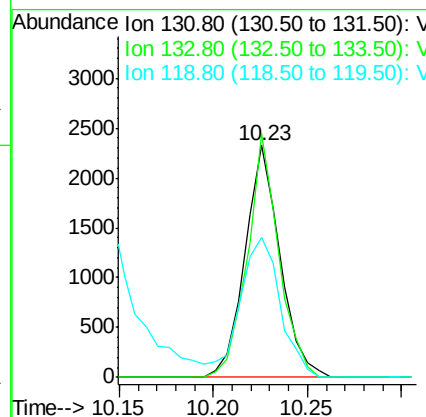
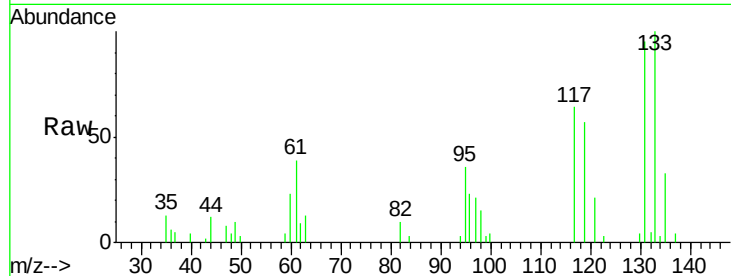
133 93.9 47.6 142.8

119 0.0 31.1 93.2#

Manual Integrations
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#67

Ethyl Benzene

Concen: 1.37 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX000993.D

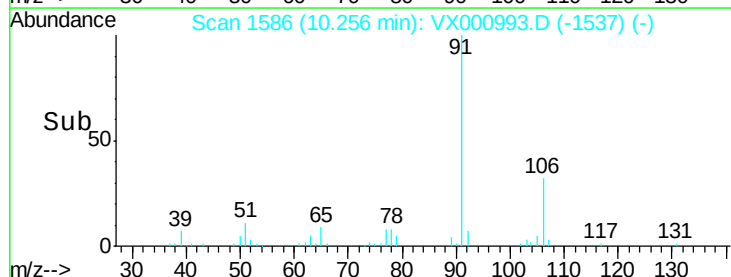
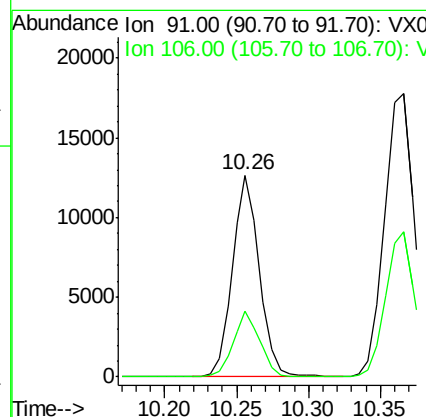
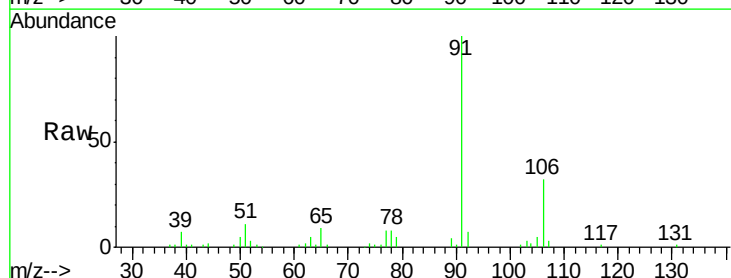
Acq: 19 Apr 2018 17:13

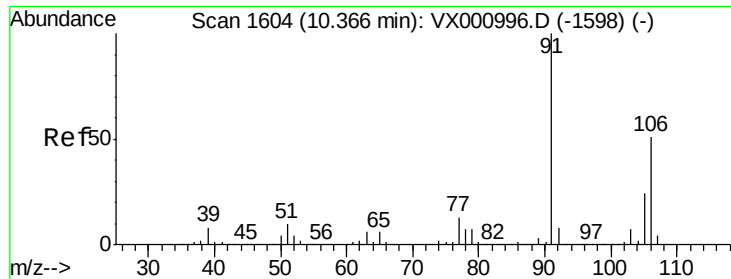
Tgt Ion: 91 Resp: 16614

Ion Ratio Lower Upper

91 100

106 32.5 25.7 38.5





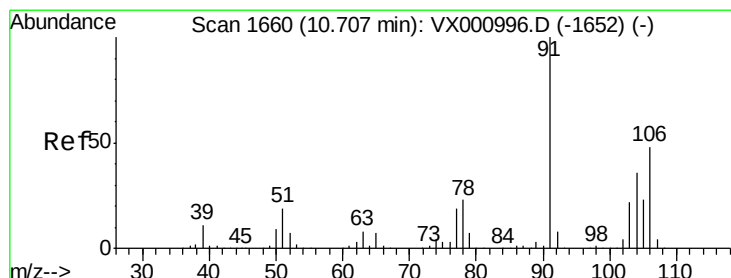
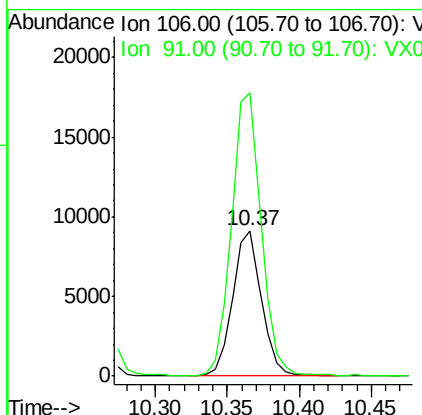
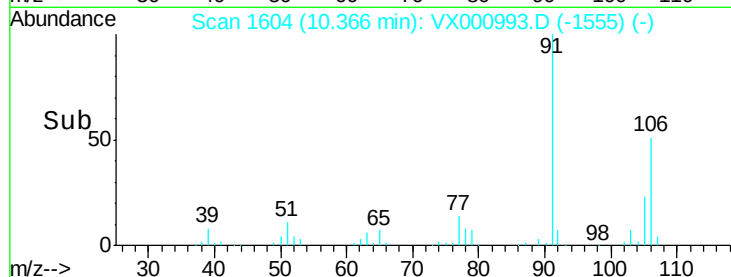
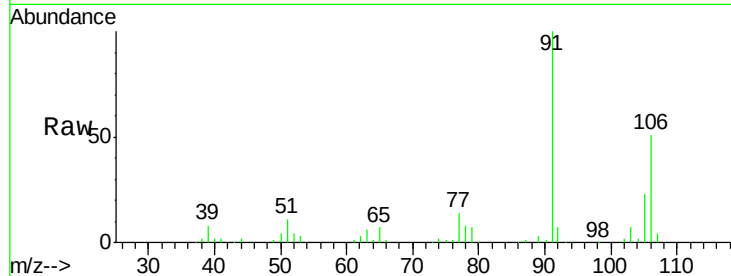
#68
m/p-Xylenes
Concen: 2.67 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 12800
Ion Ratio Lower Upper
106 100
91 200.5 159.3 238.9

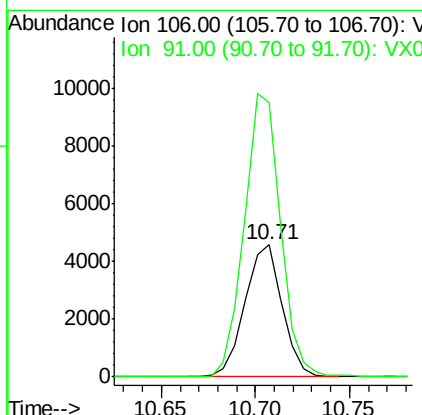
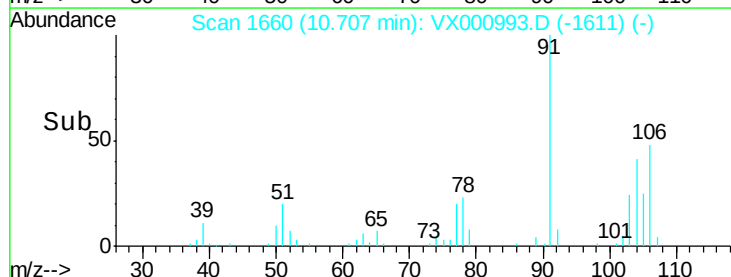
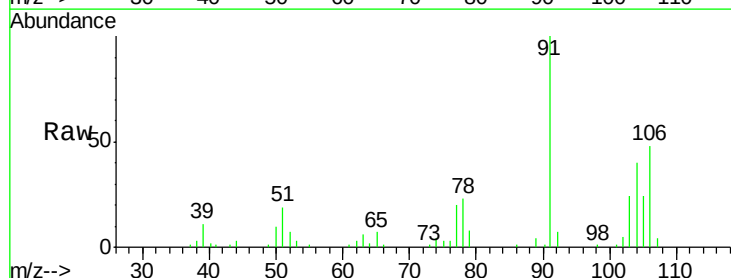
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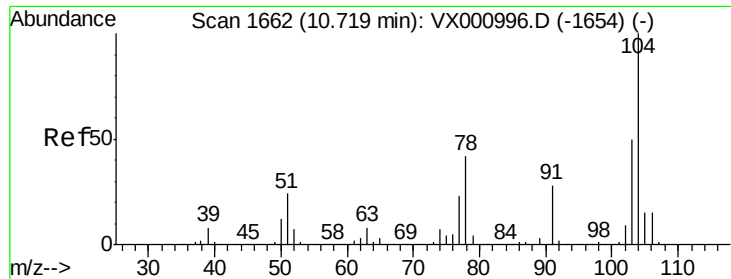
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#69
o-Xylene
Concen: 1.34 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion:106 Resp: 6267
Ion Ratio Lower Upper
106 100
91 209.5 105.1 315.1





#70

Stvrene

Concen: 1.24 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

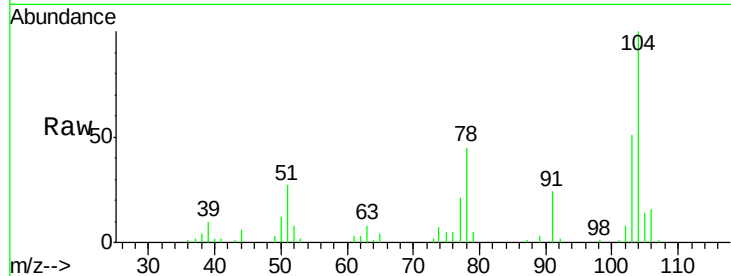
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.9	39.4	59.2
103	56.1	44.2	66.2

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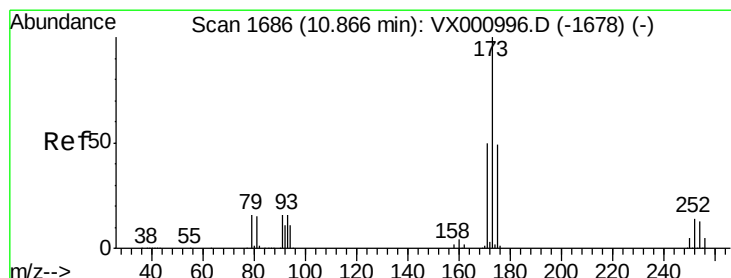
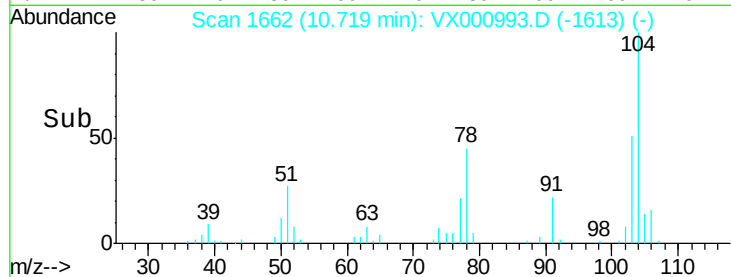
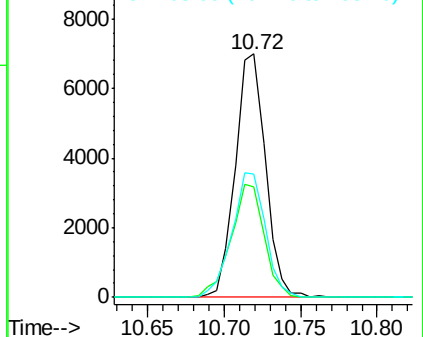
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Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.99 ug/l

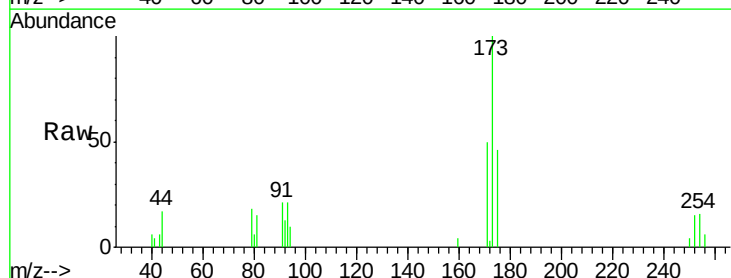
RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

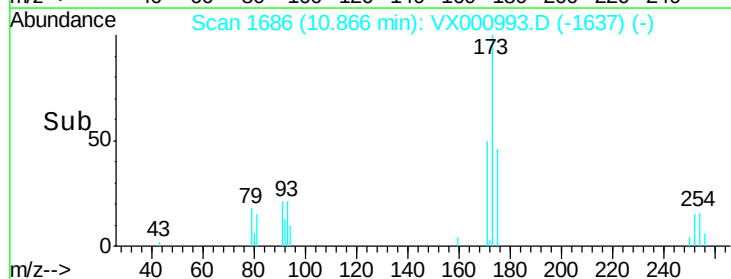
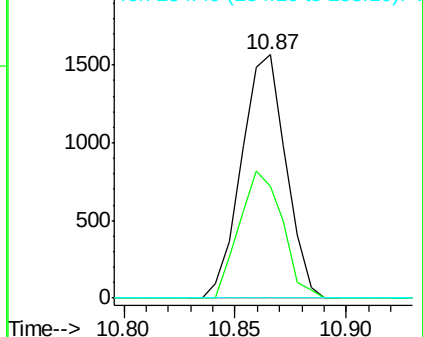
Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.8	24.8	74.3
254	0.0	0.2	0.2#

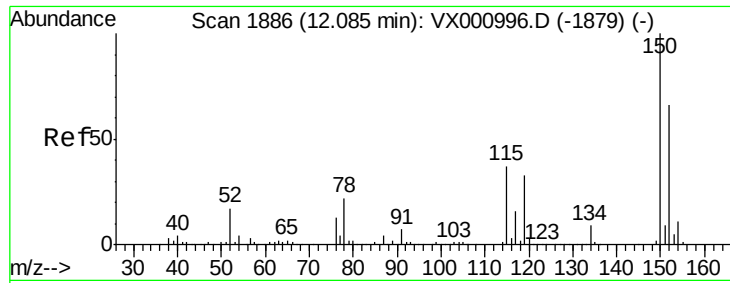


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

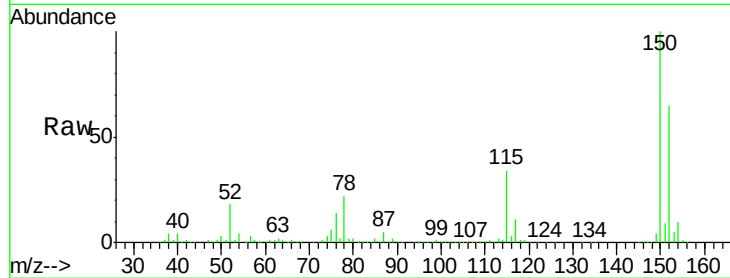
ClientSampleId :

VSTDIC001

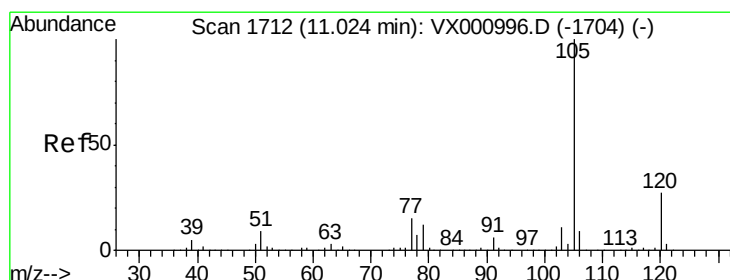
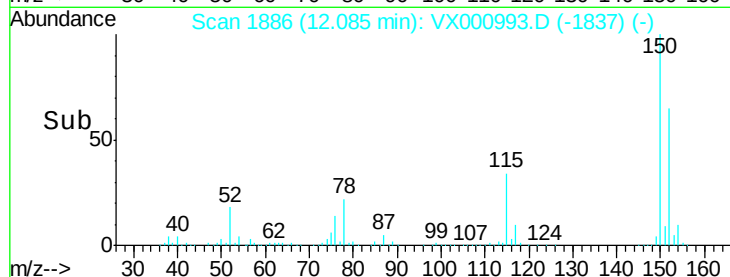
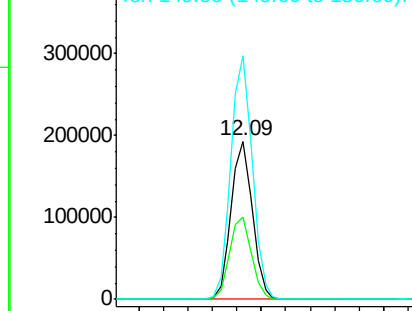
Tot Ion:	152	Resp:	232031
Ion Ratio	Lower	Upper	
152	100		
115	53.7	38.2	114.6
150	154.9	0.0	350.4

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



#73

Isopropylbenzene

Concen: 1.31 ug/l

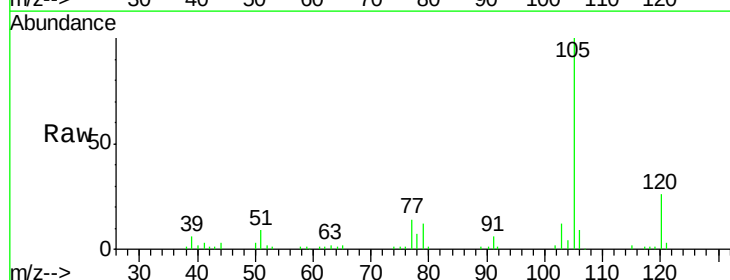
RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

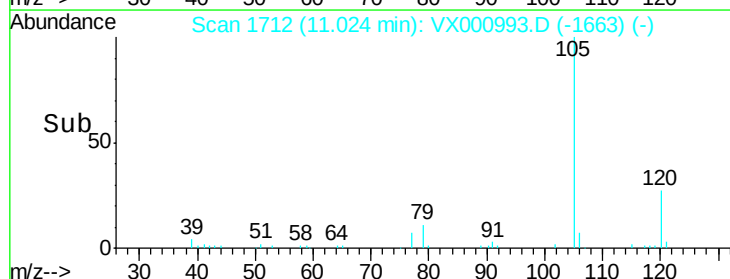
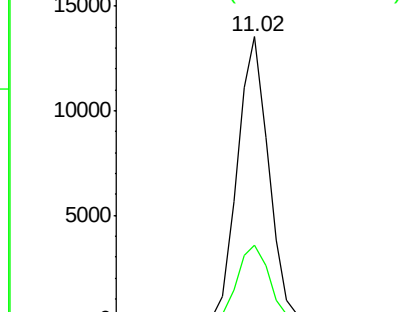
Lab File: VX000993.D

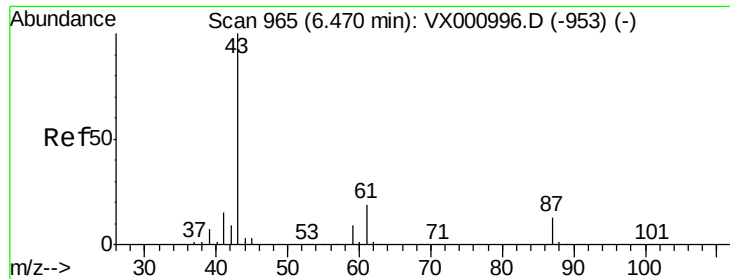
Acq: 19 Apr 2018 17:13

Tgt Ion:	105	Resp:	16656
Ion Ratio	Lower	Upper	
105	100		
120	26.8	13.4	40.2



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





#74

N-amvl acetate

Concen: 1.36 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

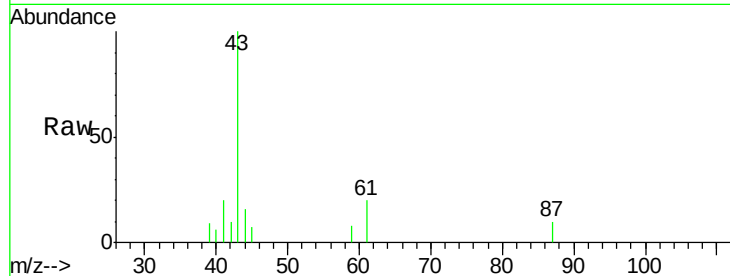
ClientSampleId :

VSTDIC001

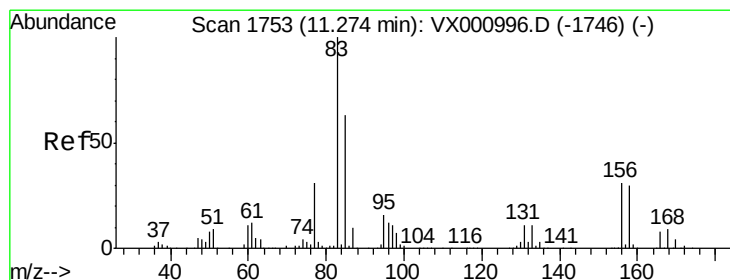
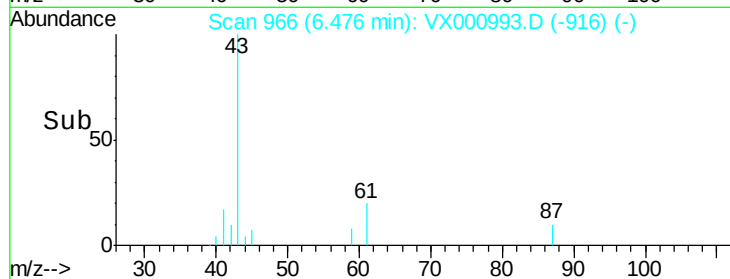
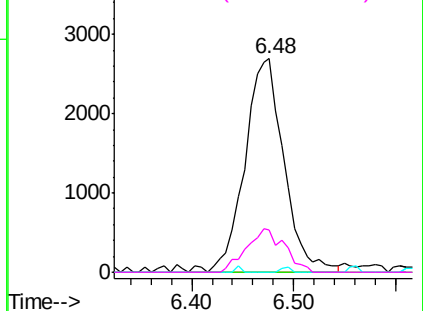
Tot Ion:	43	Resp:	7224
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.1	0.1#
61	19.6	15.4	23.2

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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 1.20 ug/l

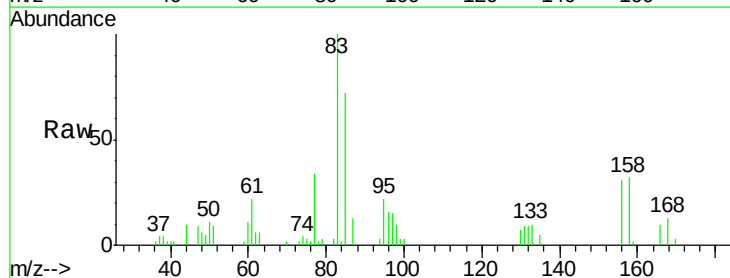
RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

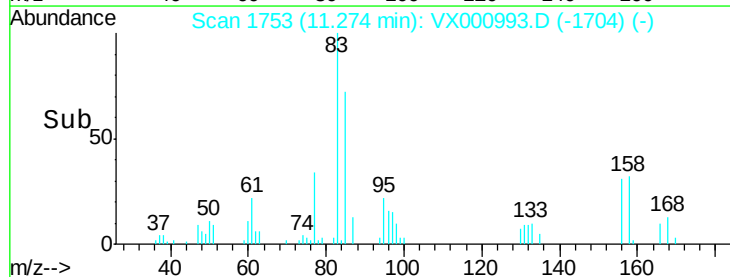
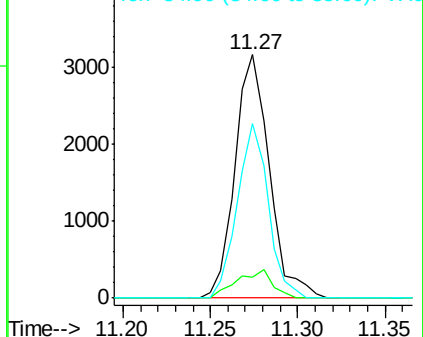
Lab File: VX000993.D

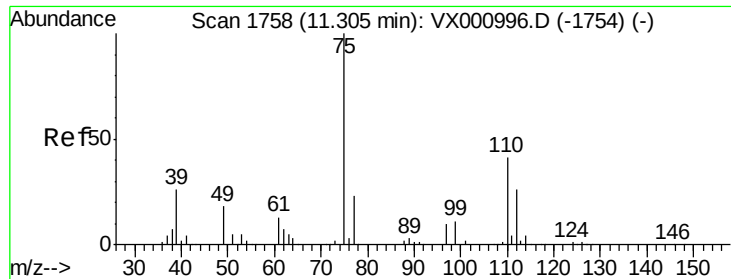
Acq: 19 Apr 2018 17:13

Tgt Ion:	83	Resp:	4324
Ion	Ratio	Lower	Upper
83	100		
131	12.0	5.8	17.4
85	64.6	32.0	96.2



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





#76

1,2,3-Trichloropropane

Concen: 1.07 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 4234

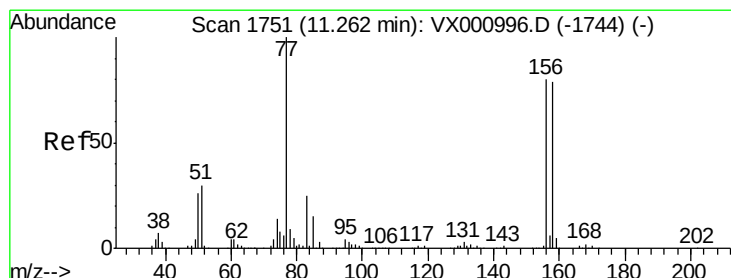
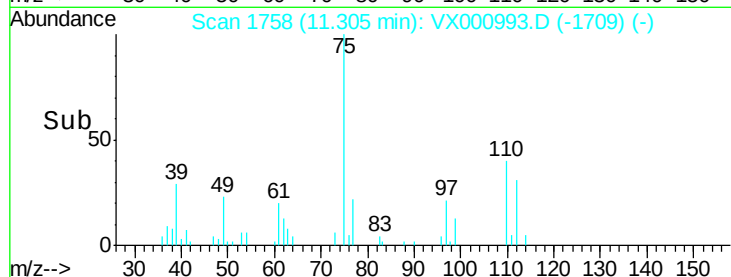
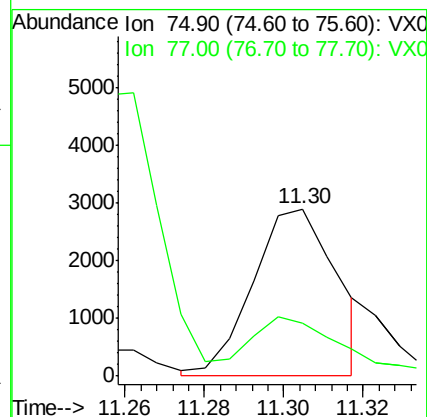
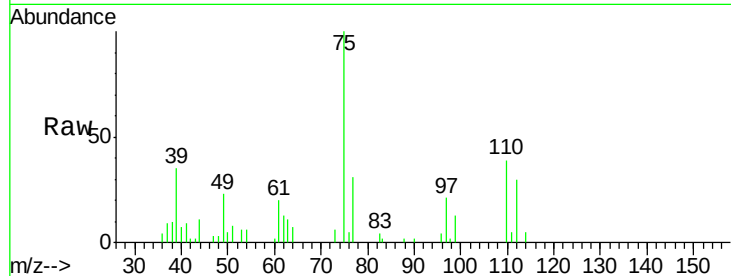
Ion Ratio Lower Upper

75 100

77 38.4 19.6 58.7

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#77

Bromobenzene

Concen: 1.32 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

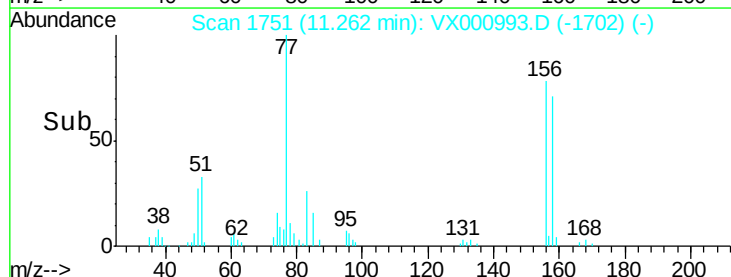
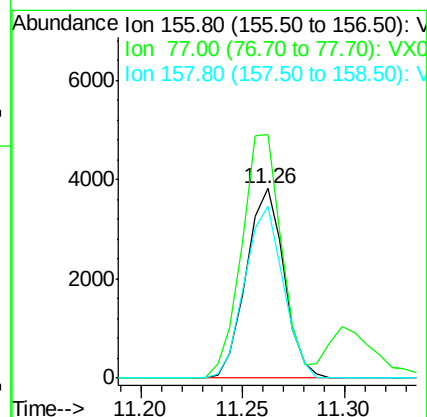
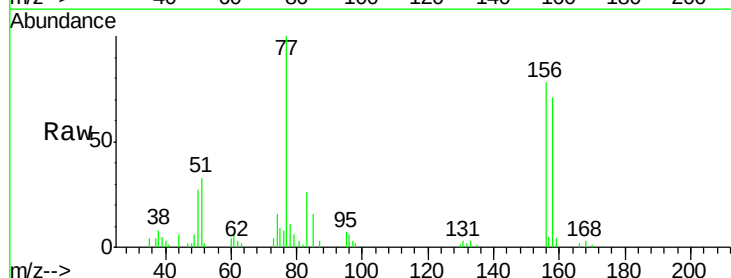
Tgt Ion: 156 Resp: 4928

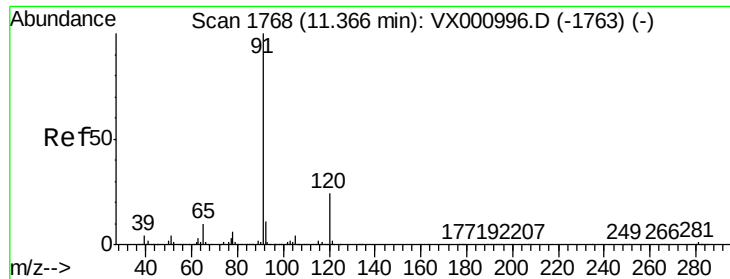
Ion Ratio Lower Upper

156 100

77 134.7 66.3 199.0

158 92.3 48.9 146.6





#78

n-propylbenzene

Concen: 1.33 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000993.D

Acq: 19 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 19611

Ion Ratio Lower Upper

91 100

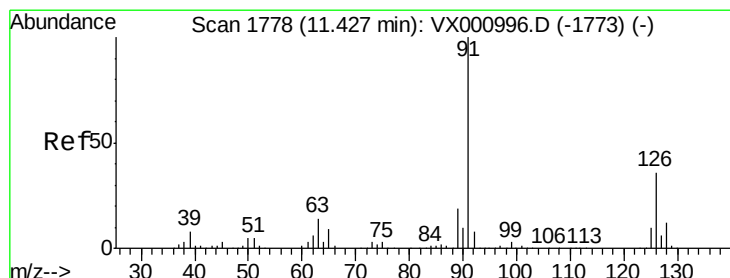
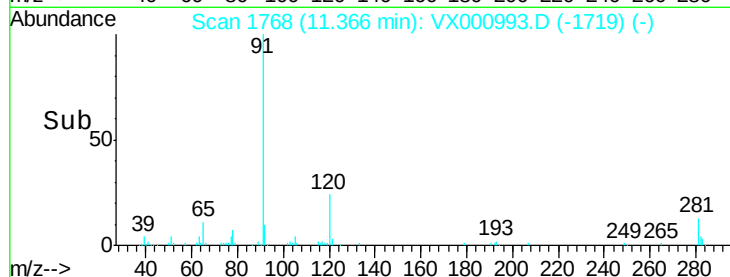
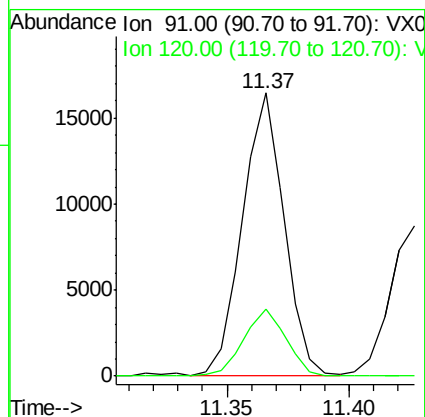
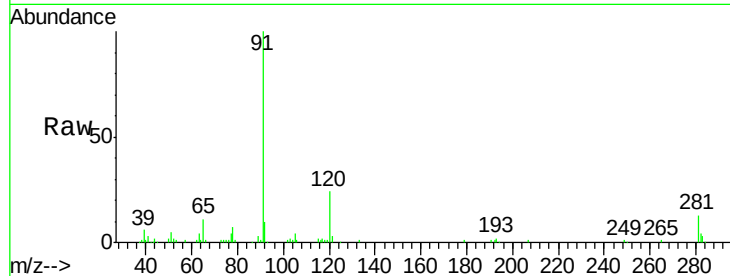
120 24.0 12.4 37.0

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#79

2-Chlorotoluene

Concen: 1.33 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000993.D

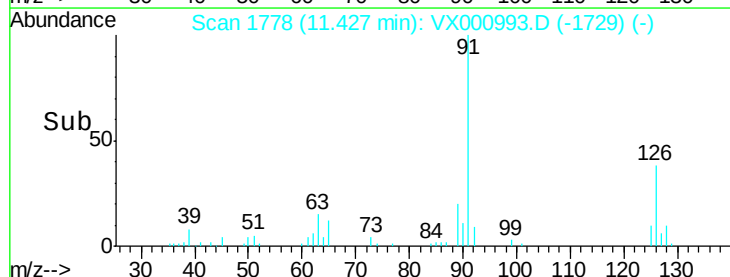
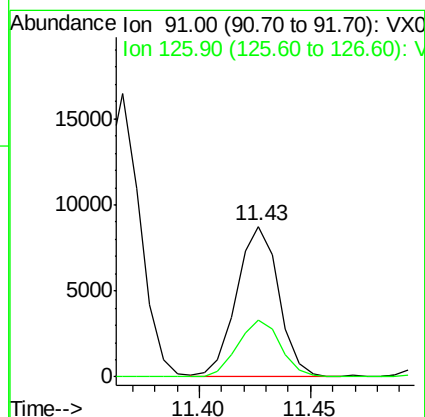
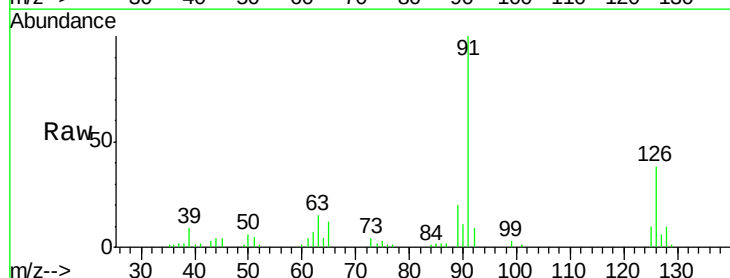
Acq: 19 Apr 2018 17:13

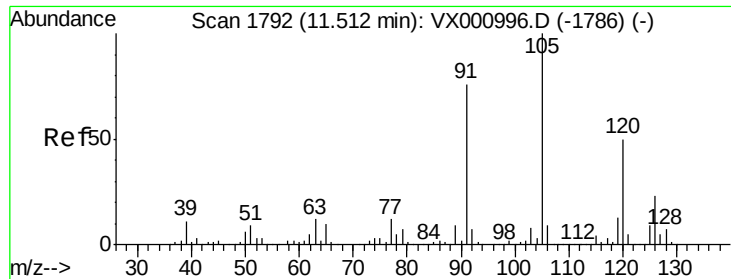
Tgt Ion: 91 Resp: 11568

Ion Ratio Lower Upper

91 100

126 38.2 18.3 54.9





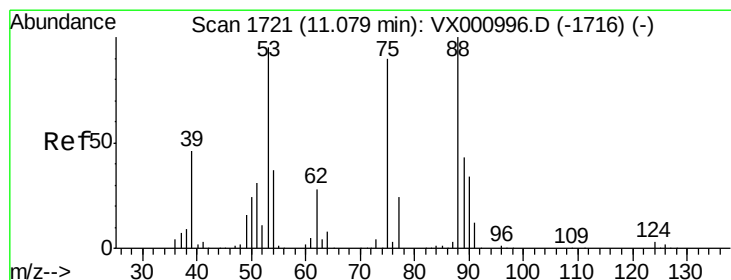
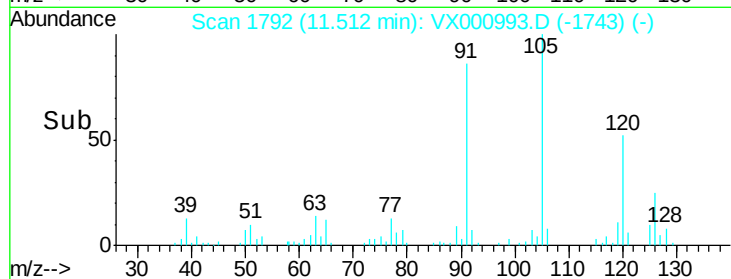
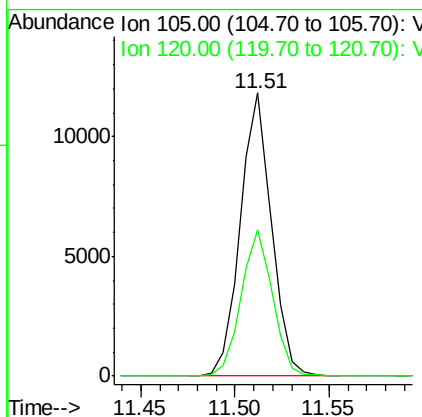
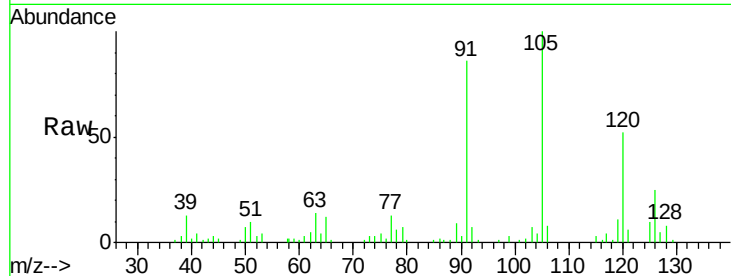
#80
 1,3,5-Trimethylbenzene
 Concen: 1.25 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion:105 Resp: 13552
 Ion Ratio Lower Upper
 105 100
 120 51.9 25.0 75.0

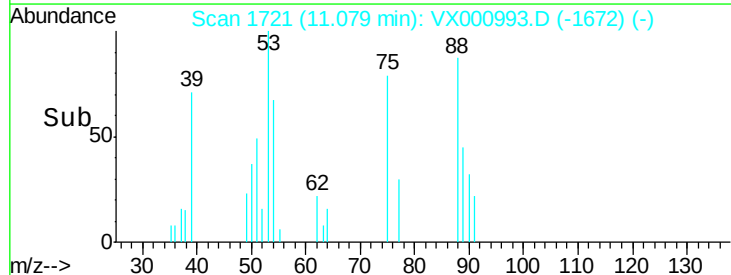
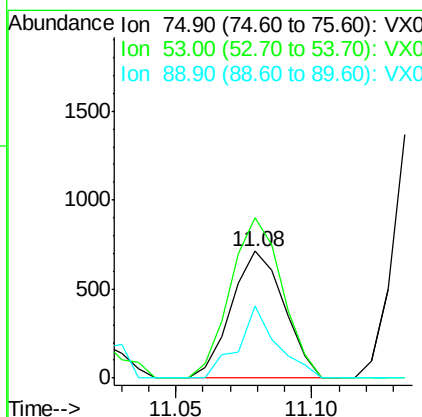
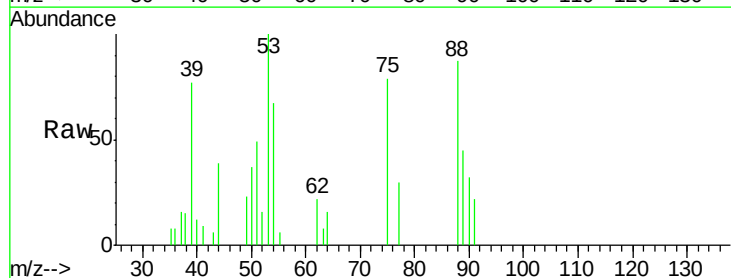
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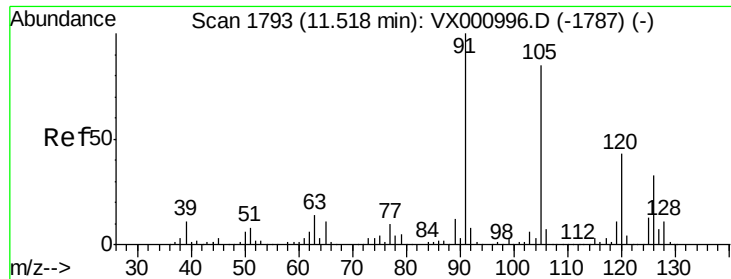
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.95 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Tgt Ion: 75 Resp: 959
 Ion Ratio Lower Upper
 75 100
 53 124.4 83.4 125.2
 89 41.8 39.7 59.5





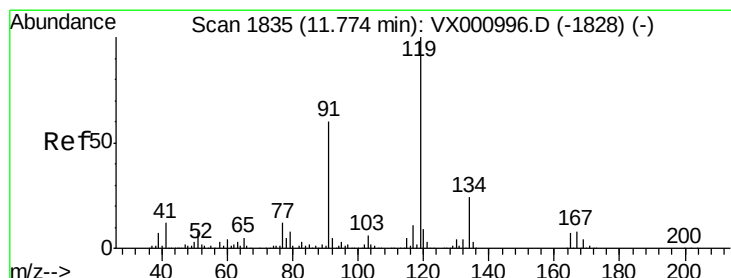
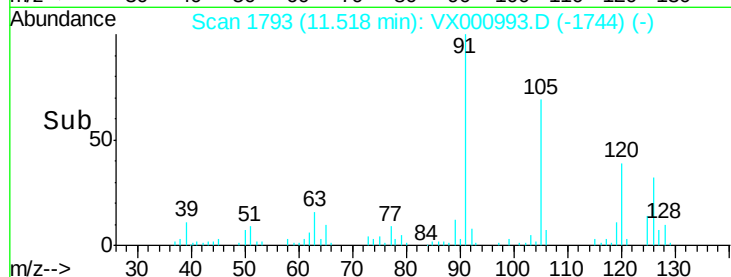
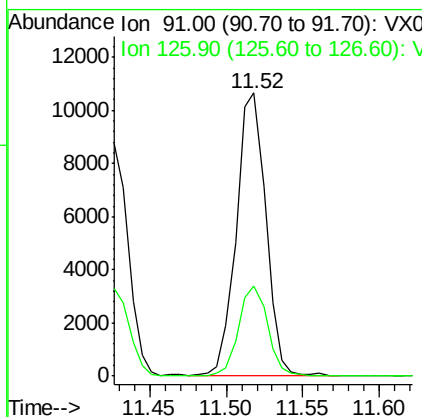
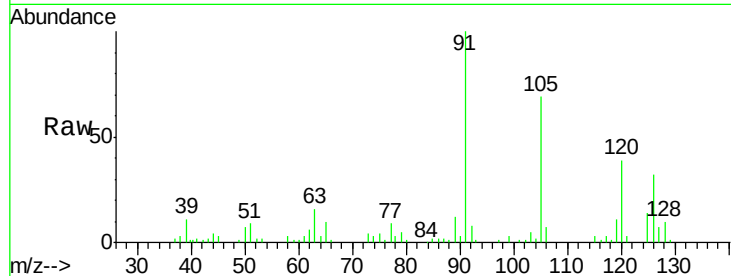
#82
4-Chlorotoluene
Concen: 1.36 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 91 Resp: 14322
Ion Ratio Lower Upper
91 100
126 31.1 16.2 48.5

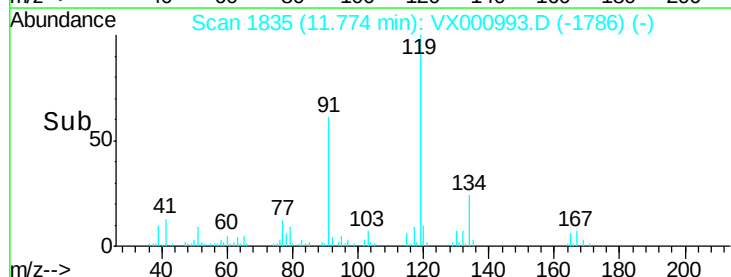
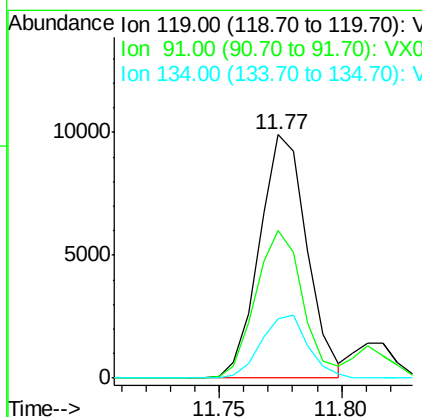
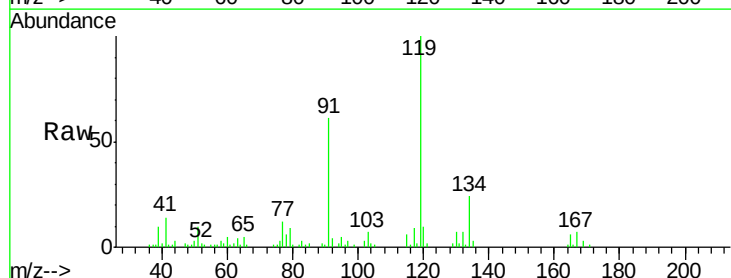
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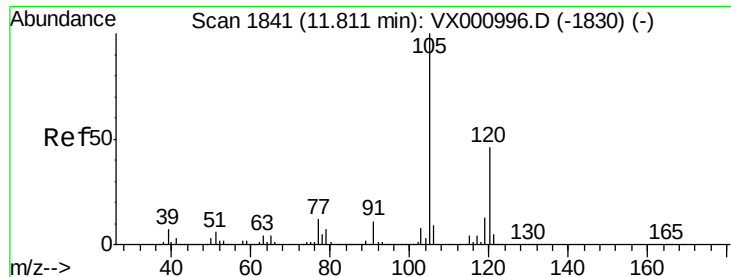
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#83
tert-Butylbenzene
Concen: 1.21 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion: 119 Resp: 13467
Ion Ratio Lower Upper
119 100
91 60.3 27.0 81.0
134 25.3 11.6 34.7





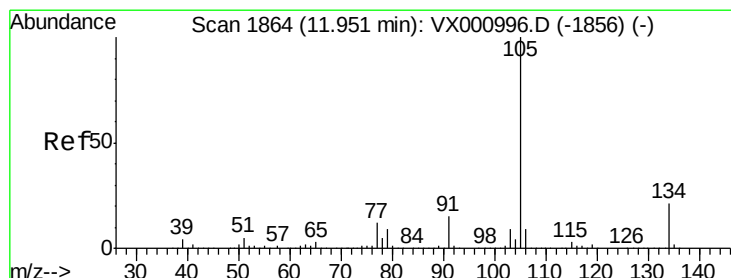
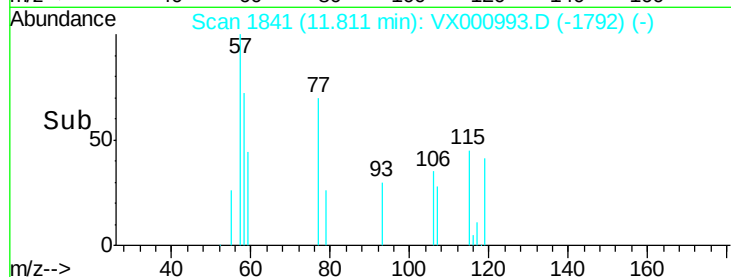
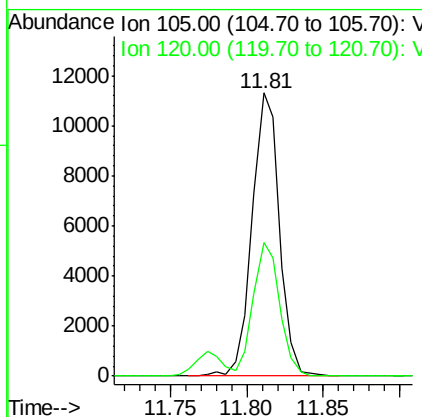
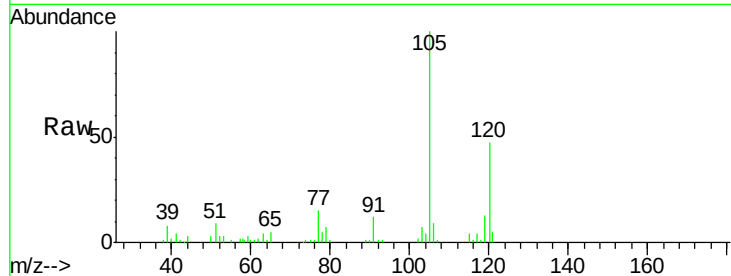
#84
 1,2,4-Trimethylbenzene
 Concen: 1.27 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 14033
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.0 69.0

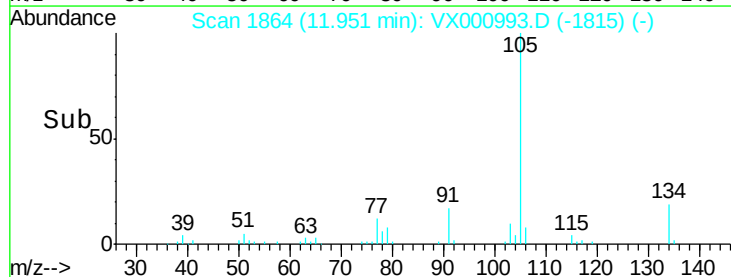
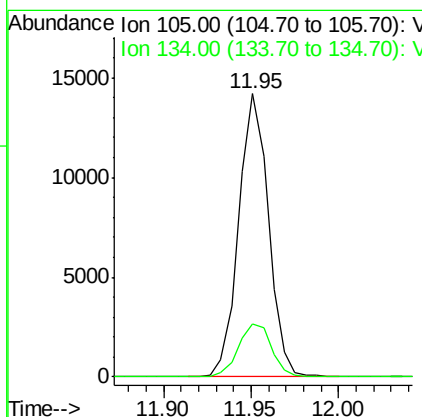
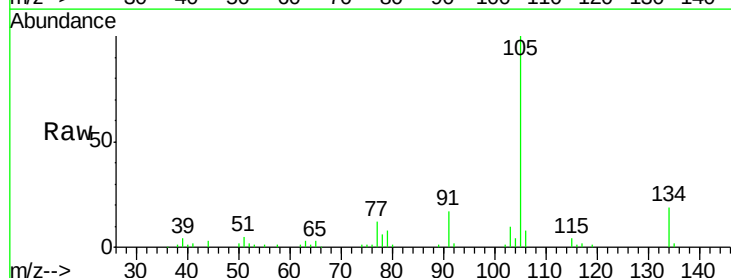
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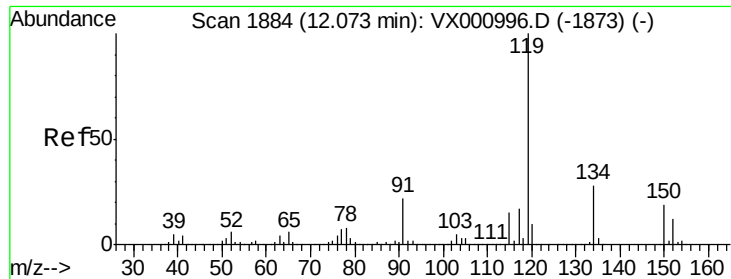
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#85
 sec-Butylbenzene
 Concen: 1.26 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Tgt Ion:105 Resp: 16876
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.5 31.6





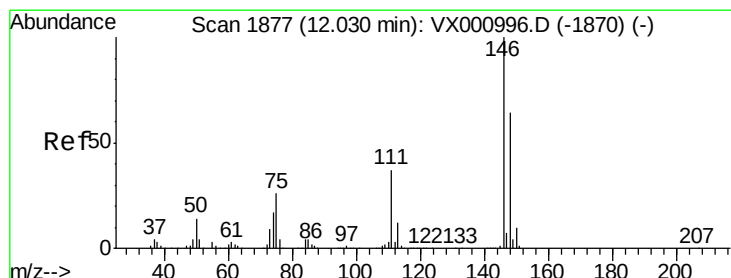
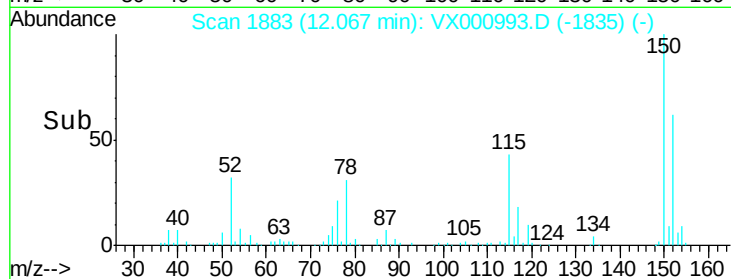
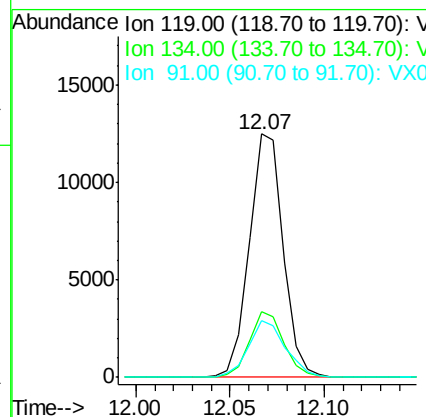
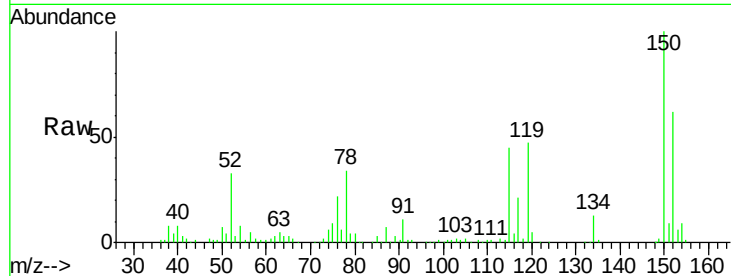
#86
 p-Isopropyltoluene
 Concen: 1.26 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.5	40.5
91	25.7	11.4	34.1

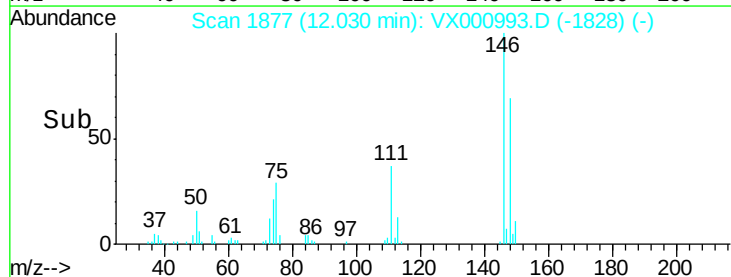
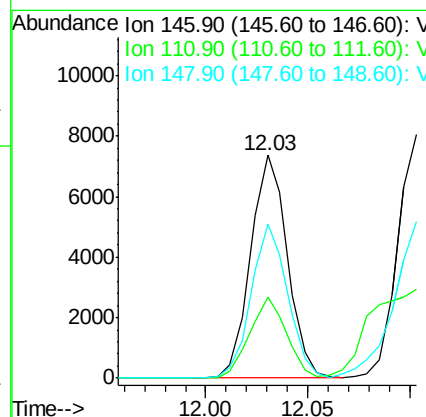
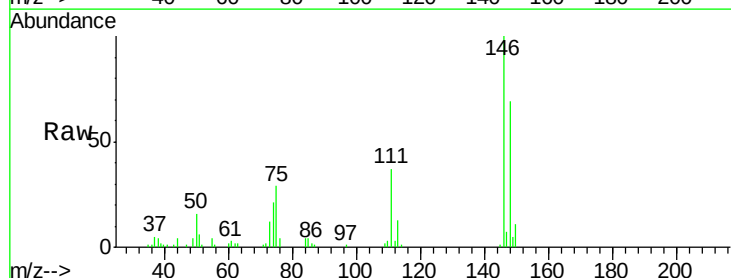
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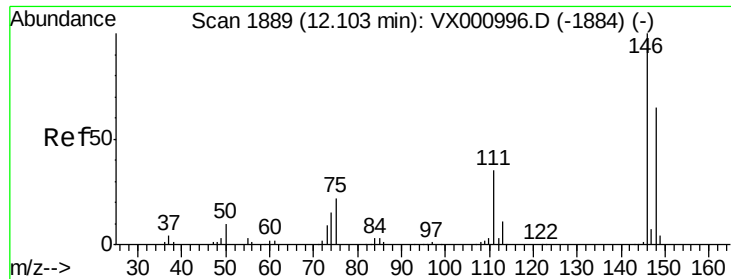
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#87
 1,3-Dichlorobenzene
 Concen: 1.32 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.3	54.8
148	68.5	32.2	96.6





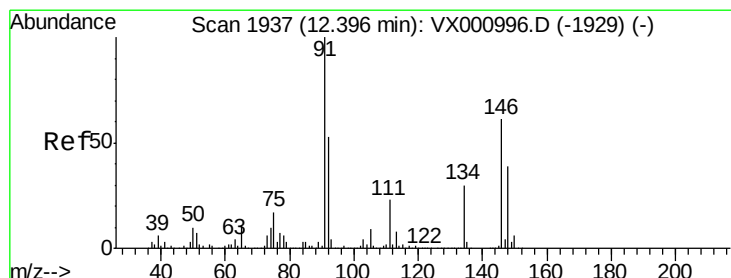
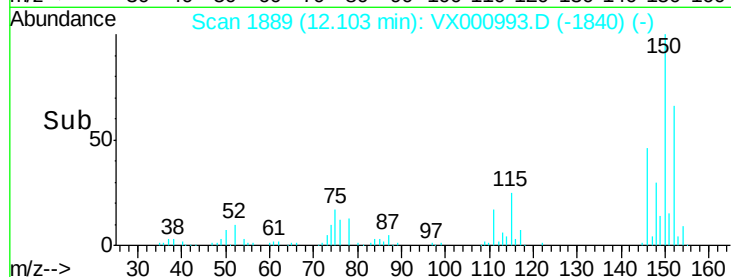
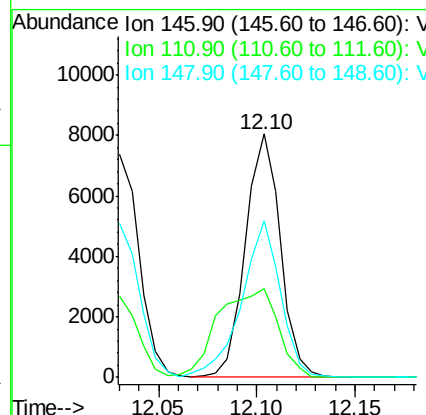
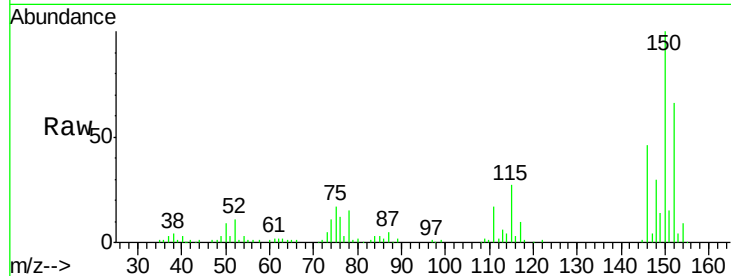
#88
 1,4-Dichlorobenzene
 Concen: 1.40 ug/l m
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	33.7	18.0	54.0
148	63.7	32.4	97.0

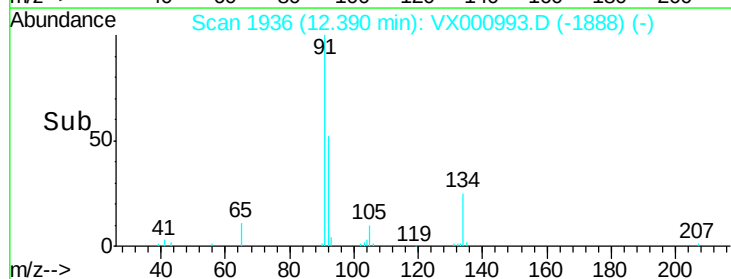
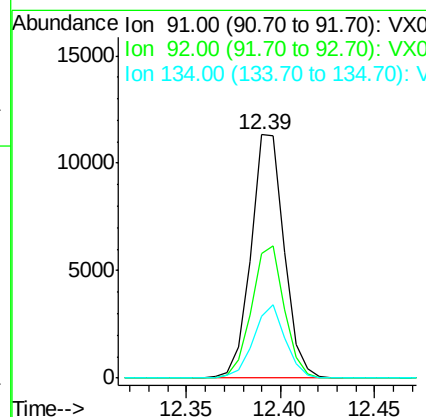
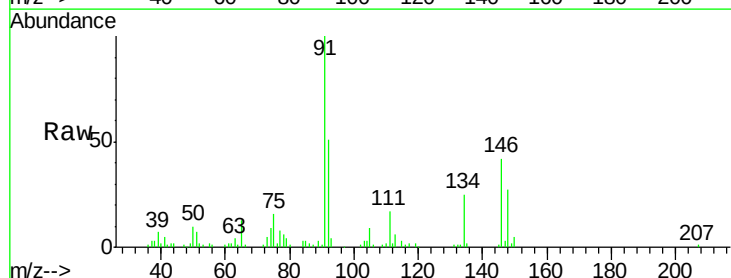
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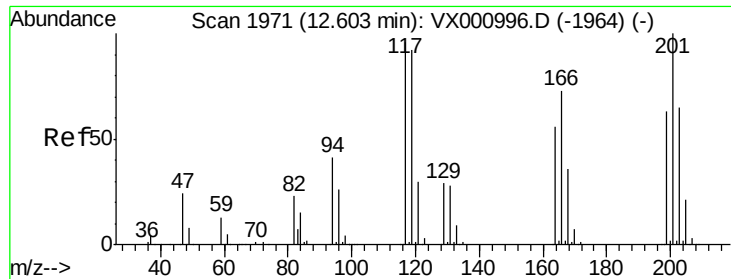
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#89
 n-Butylbenzene
 Concen: 1.24 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.3	78.9
134	28.9	14.4	43.0





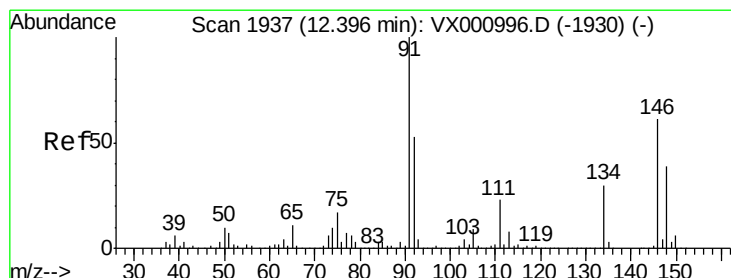
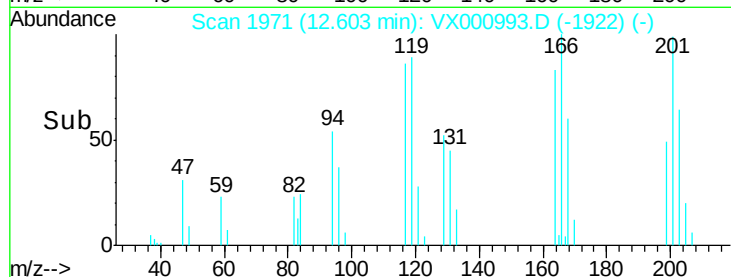
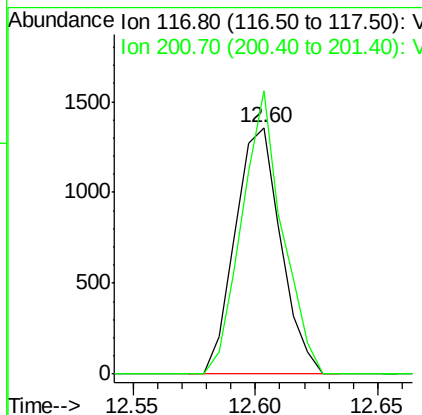
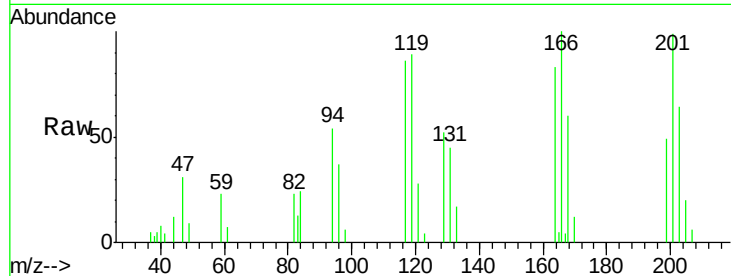
#90
Hexachloroethane
Concen: 0.99 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 1764
Ion Ratio Lower Upper
117 100
201 101.9 52.3 157.1

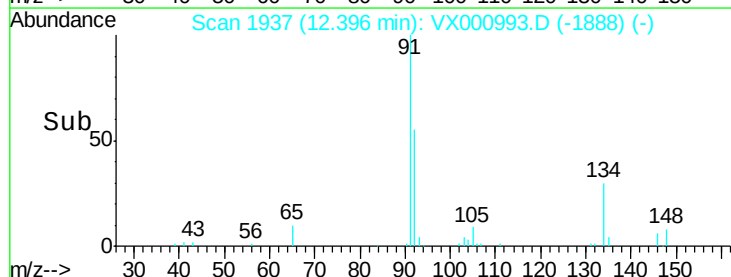
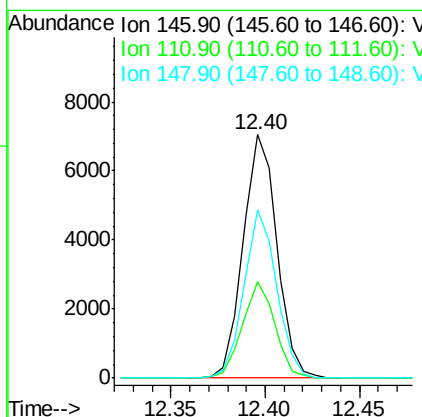
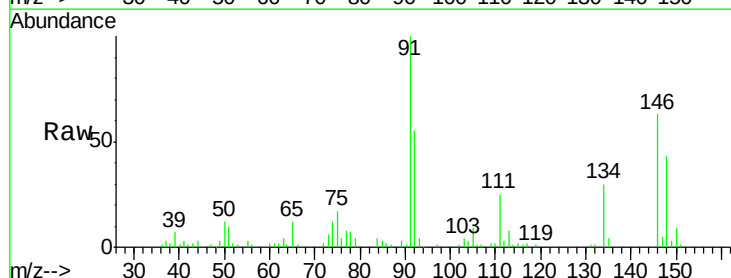
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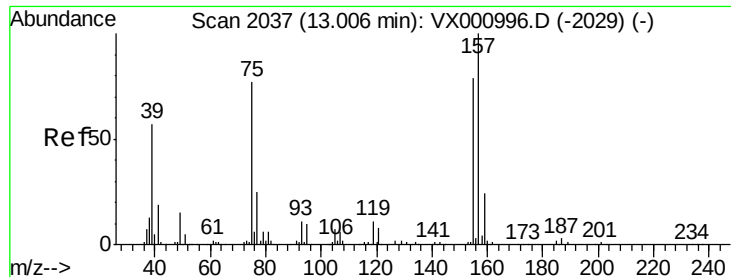
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#91
1,2-Dichlorobenzene
Concen: 1.30 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion:146 Resp: 8784
Ion Ratio Lower Upper
146 100
111 38.0 18.6 56.0
148 66.7 32.3 96.8





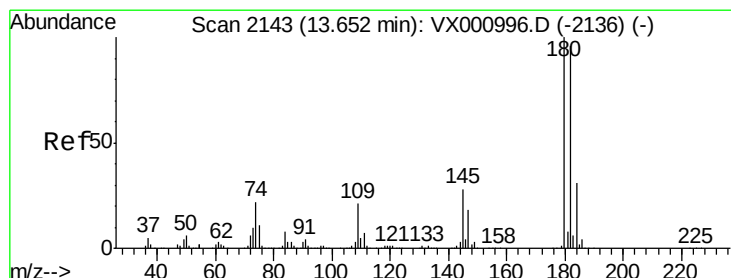
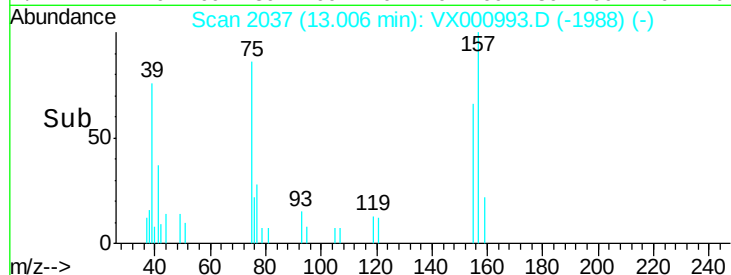
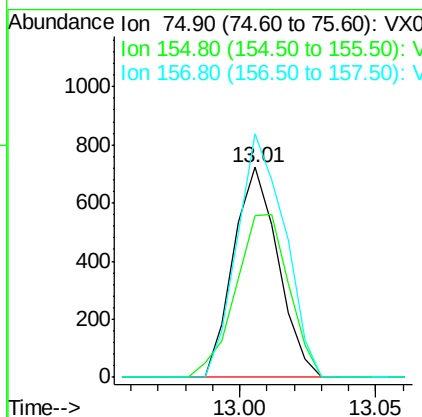
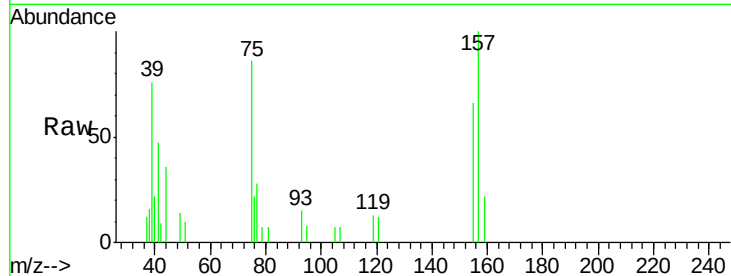
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.10 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
155	91.6	51.0	153.0
157	123.4	64.9	194.7

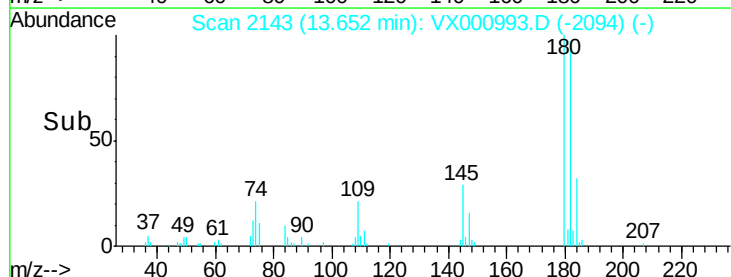
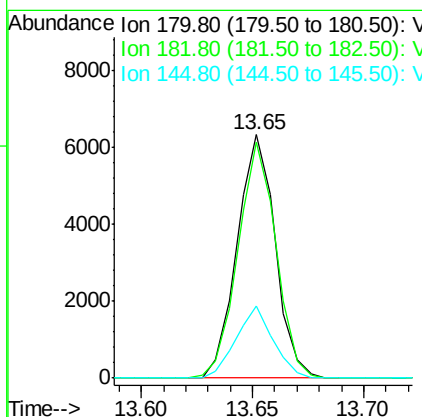
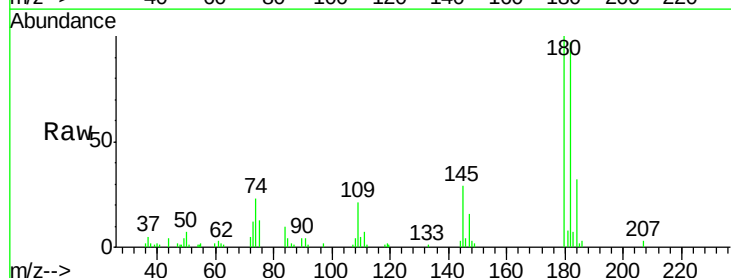
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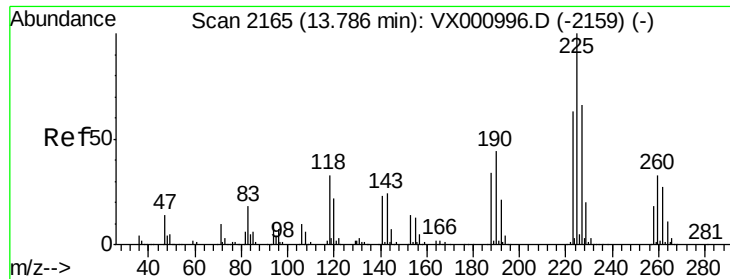
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#93
 1,2,4-Trichlorobenzene
 Concen: 1.26 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.0	144.0
145	28.6	13.9	41.7





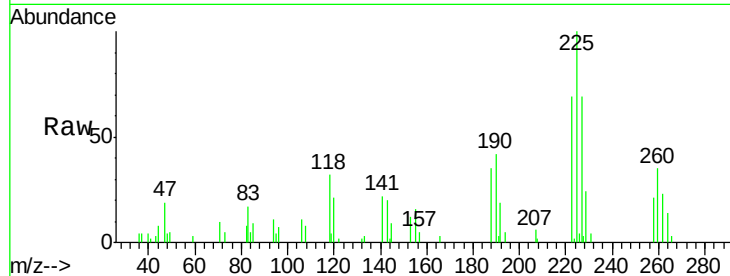
#94
Hexachlorobutadiene
Concen: 1.35 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

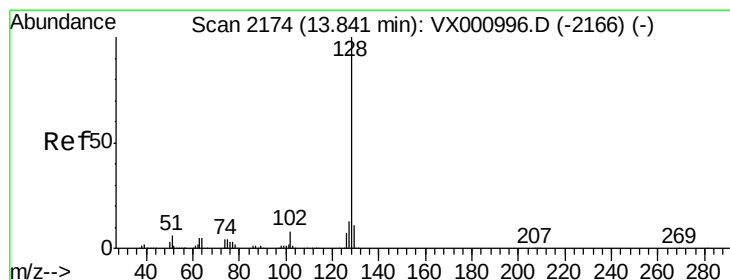
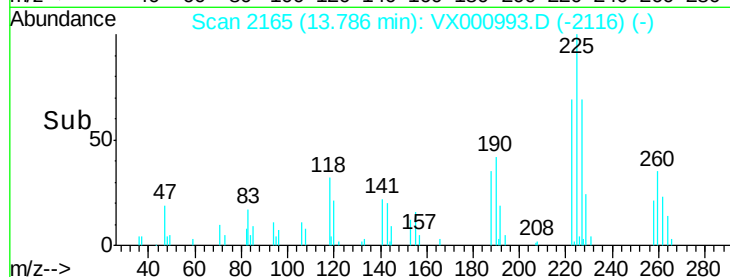
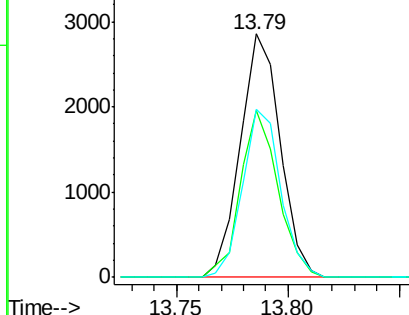
Tot Ion	Ratio	Lower	Upper
225	100		
223	64.9	31.5	94.5
227	66.0	32.6	97.8

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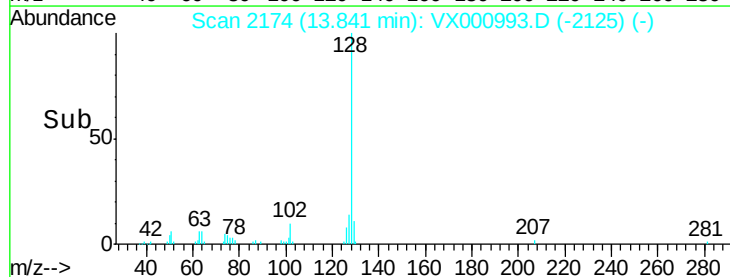
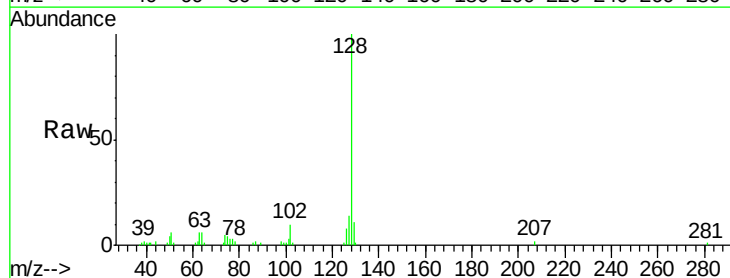
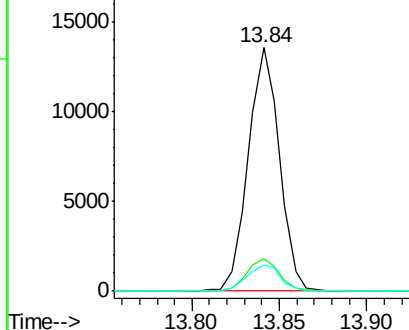
Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

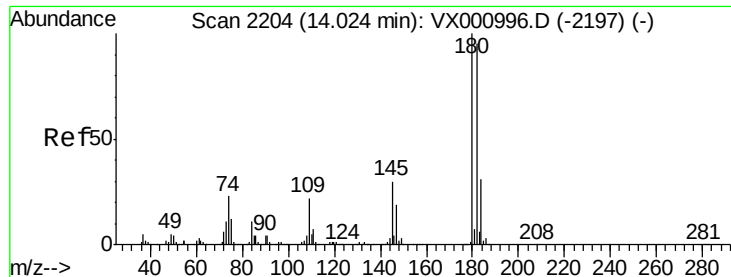


#95
Naphthalene
Concen: 1.20 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000993.D
Acq: 19 Apr 2018 17:13

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.4
129	11.3	8.7	13.1

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





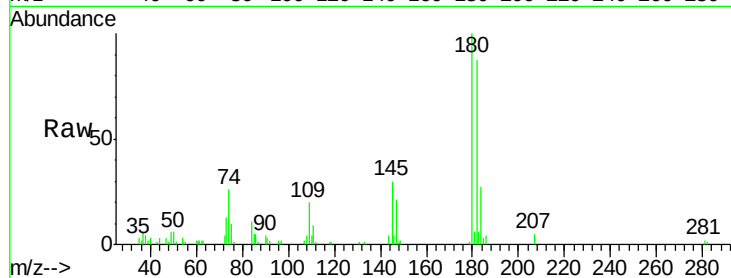
#96
 1,2,3-Trichlorobenzene
 Concen: 1.31 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX000993.D
 Acq: 19 Apr 2018 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.3	47.9	143.7
145	29.7	14.5	43.6

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Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

