

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001901.D
 Acq On : 22 May 2018 18:43
 Operator : JC/MD
 Sample : VX0522WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/24/2018 11:47:46 AM

Quant Time: May 23 02:09:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	337898	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	180754	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	181415	52.78	ug/l	0.00
Spiked Amount						
			Recovery	=	105.56%	
35) Dibromofluoromethane	5.51	113	151155	53.01	ug/l	0.00
Spiked Amount						
			Recovery	=	106.02%	
50) Toluene-d8	8.72	98	546975	53.56	ug/l	0.00
Spiked Amount						
			Recovery	=	107.12%	
62) 4-Bromofluorobenzene	11.14	95	177704	48.33	ug/l	0.00
Spiked Amount						
			Recovery	=	96.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	47821	18.58	ug/l	99
3) Chloromethane	1.32	50	55079	19.81	ug/l	99
4) Vinyl Chloride	1.40	62	58553	19.48	ug/l	99
5) Bromomethane	1.64	94	34246	25.52	ug/l	94
6) Chloroethane	1.72	64	43785	23.13	ug/l	97
7) Trichlorofluoromethane	1.93	101	89089	20.40	ug/l	97
8) Diethyl Ether	2.19	74	36599	20.36	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52959	20.15	ug/l	99
10) Methyl Iodide	2.51	142	67720	28.00	ug/l	99
11) Tert butyl alcohol	3.08	59	74439	121.99	ug/l	100
12) 1,1-Dichloroethene	2.37	96	48602	19.18	ug/l	97
13) Acrolein	2.29	56	30211	69.81	ug/l	98
14) Allyl chloride	2.73	41	100259	21.40	ug/l	99
15) Acrylonitrile	3.15	53	176846	115.39	ug/l	99
16) Acetone	2.45	43	160652	119.01	ug/l	98
17) Carbon Disulfide	2.57	76	103539	15.66	ug/l	99
18) Methyl Acetate	2.78	43	102584	25.99	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	184018	21.54	ug/l	99
20) Methylene Chloride	2.86	84	58268	20.16	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	53385	19.12	ug/l	97
22) Diisopropyl ether	3.88	45	194147	21.60	ug/l	99
23) Vinyl Acetate	3.83	43	655663	101.26	ug/l	98
24) 1,1-Dichloroethane	3.70	63	104111	21.12	ug/l	99
25) 2-Butanone	4.72	43	261130	126.35	ug/l	100
26) 2,2-Dichloropropane	4.59	77	74548	18.79	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	66582	20.96	ug/l	97
28) Bromochloromethane	5.03	49	55079	25.16	ug/l	98
29) Tetrahydrofuran	5.18	42	166335	123.47	ug/l	97
30) Chloroform	5.22	83	113431	21.91	ug/l	97
31) Cyclohexane	5.57	56	86628	20.05	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	97423	21.78	ug/l	99
36) 1,1-Dichloropropene	5.80	75	76040	19.55	ug/l	99
37) Ethyl Acetate	4.88	43	95594	23.58	ug/l	99
38) Carbon Tetrachloride	5.79	117	85688	21.03	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87433	19.24	ug/l	97
40) Benzene	6.15	78	240625	21.00	ug/l	100
41) Methacrylonitrile	5.07	41	54649	23.31	ug/l	98
42) 1,2-Dichloroethane	6.21	62	91319	22.03	ug/l	100
43) Isopropyl Acetate	6.48	43	141270	22.27	ug/l	100
44) Trichloroethene	7.22	130	72451	20.37	ug/l	96
45) 1,2-Dichloropropane	7.52	63	62594	22.26	ug/l	100
46) Dibromomethane	7.67	93	42057	21.30	ug/l	100
47) Bromodichloromethane	7.91	83	81783	22.32	ug/l	97
48) Methyl methacrylate	7.79	41	75766	22.69	ug/l	99
49) 1,4-Dioxane	7.77	88	33051	514.02	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	501871	124.82	ug/l	98
52) Toluene	8.79	92	155947	21.18	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	90678	21.03	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	74924	19.72	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	61002	21.67	ug/l	97
56) Ethyl methacrylate	9.19	69	83059	20.81	ug/l	98
57) 1,3-Dichloropropane	9.38	76	99024	21.01	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	230947	112.47	ug/l	98
59) 2-Hexanone	9.51	43	349604	121.47	ug/l	98
60) Dibromochloromethane	9.59	129	61337	21.28	ug/l	100
61) 1,2-Dibromoethane	9.68	107	62626	21.25	ug/l	99
64) Tetrachloroethene	9.34	164	75685	20.27	ug/l	97
65) Chlorobenzene	10.15	112	163719	20.75	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	62090	22.28	ug/l	99
67) Ethyl Benzene	10.26	91	260260	20.64	ug/l	99
68) m/p-Xylenes	10.37	106	207226	41.65	ug/l	98
69) o-Xylene	10.71	106	101401	21.28	ug/l	98
70) Styrene	10.72	104	167952	21.37	ug/l	100
71) Bromoform	10.87	173	48378	20.49	ug/l	99
73) Isopropylbenzene	11.02	105	277388	23.30	ug/l	99
74) N-amyl acetate	6.48	43	141270	24.75	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	87393	24.47	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	84607m	24.62	ug/l	
77) Bromobenzene	11.26	156	79581	22.75	ug/l	99
78) n-propylbenzene	11.37	91	298537	22.26	ug/l	99
79) 2-Chlorotoluene	11.43	91	183555	22.89	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	226122	23.16	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20732	20.09	ug/l	88
82) 4-Chlorotoluene	11.52	91	209215	22.14	ug/l	99
83) tert-Butylbenzene	11.77	119	232696	23.94	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	234032	23.14	ug/l	100
85) sec-Butylbenzene	11.95	105	271917	22.67	ug/l	100
86) p-Isopropyltoluene	12.07	119	246440	22.20	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	138441	21.40	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	141351	21.13	ug/l	100
89) n-Butylbenzene	12.40	91	186342	19.41	ug/l	99
90) Hexachloroethane	12.60	117	39664	23.01	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	145028	22.50	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19474	25.55	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	100685	19.60	ug/l	100
94) Hexachlorobutadiene	13.79	225	55510	20.13	ug/l	99
95) Naphthalene	13.84	128	300527	22.50	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	108374	20.95	ug/l	99

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

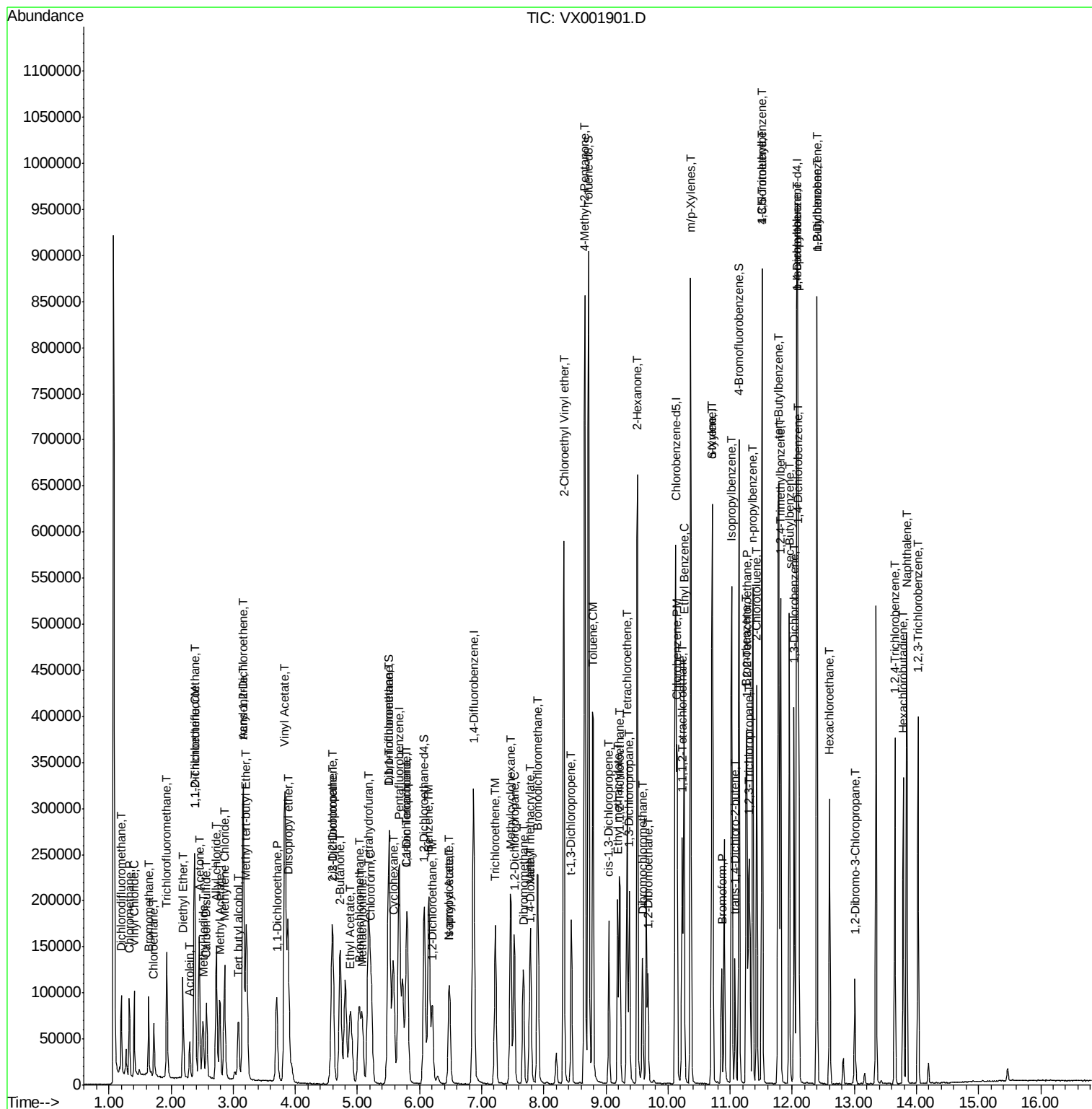
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
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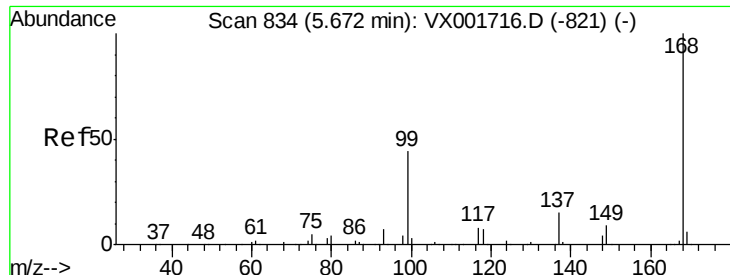
Instrument :
MSVOA_X
ClientSampleId :
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD01

Tot Ion:168 Resp: 256420

Ion Ratio Lower Upper

168 100

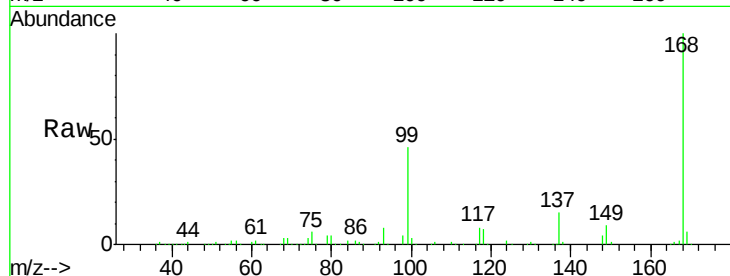
99 45.6 35.0 52.4

Manual Integrations

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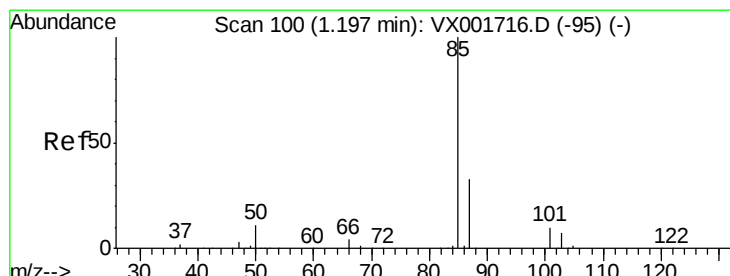
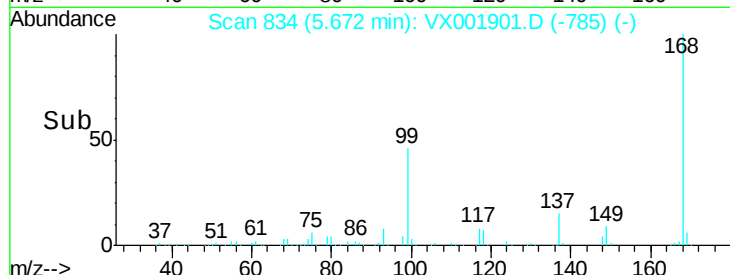


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 18.58 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001901.D

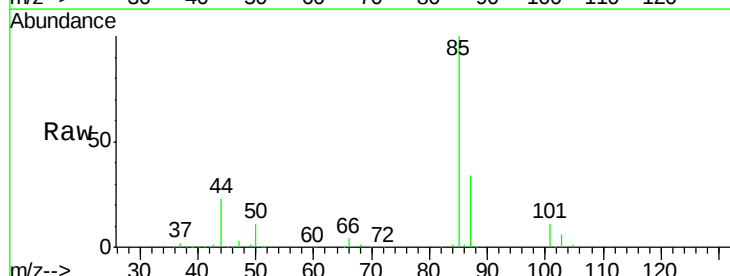
Acq: 22 May 2018 18:43

Tgt Ion: 85 Resp: 47821

Ion Ratio Lower Upper

85 100

87 33.6 16.4 49.2

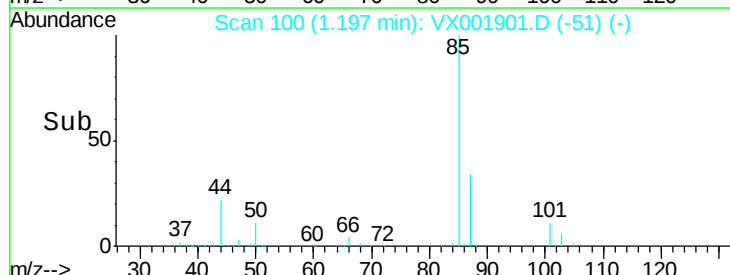


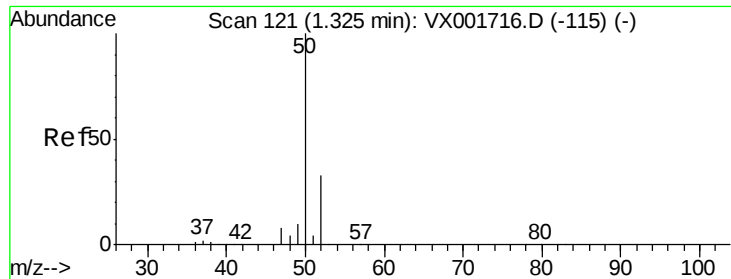
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 19.81 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD01

Tot Ion: 50 Resp: 55079

Ion Ratio Lower Upper

50 100

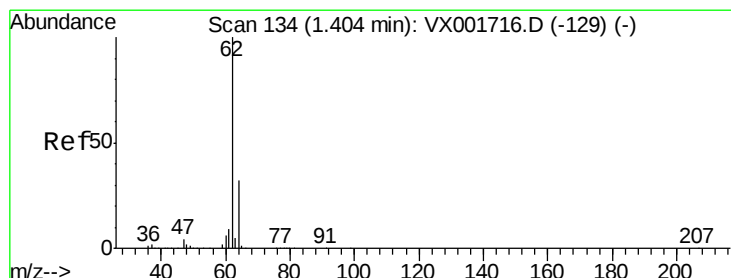
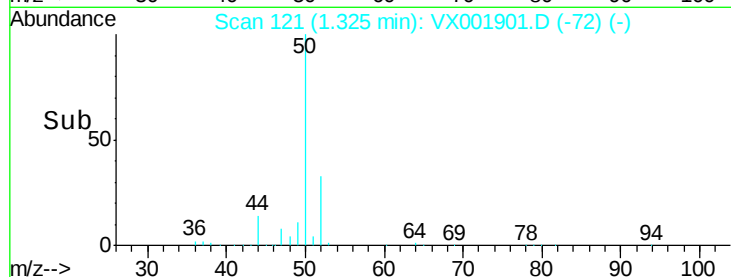
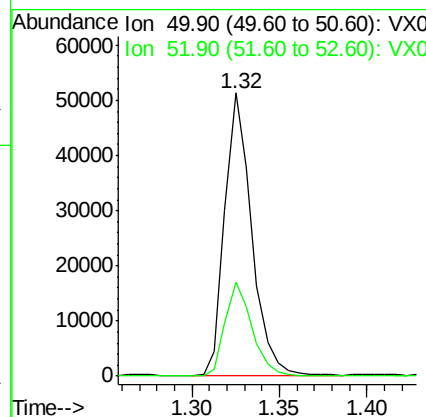
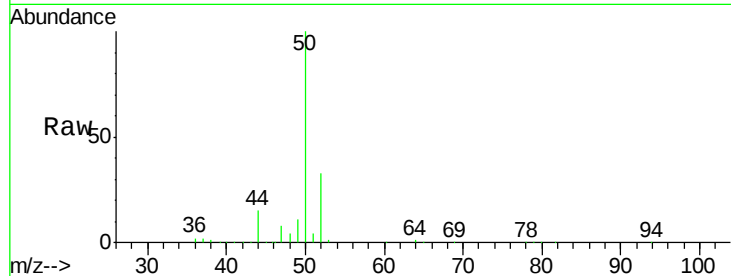
52 33.2 26.3 39.5

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#4

Vinyl Chloride

Concen: 19.48 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001901.D

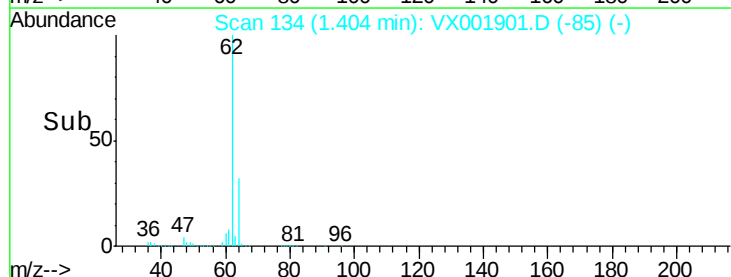
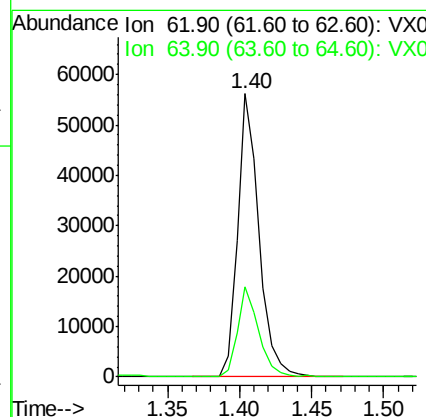
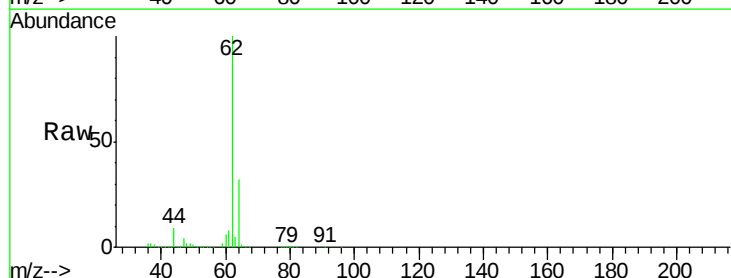
Acq: 22 May 2018 18:43

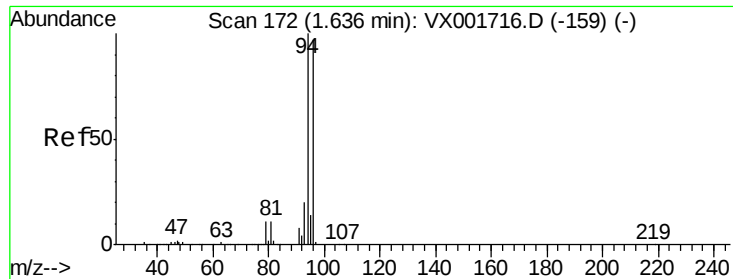
Tgt Ion: 62 Resp: 58553

Ion Ratio Lower Upper

62 100

64 31.6 25.6 38.4





#5

Bromomethane

Concen: 25.52 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD01

Tot Ion: 94 Resp: 34246

Ion Ratio Lower Upper

94 100

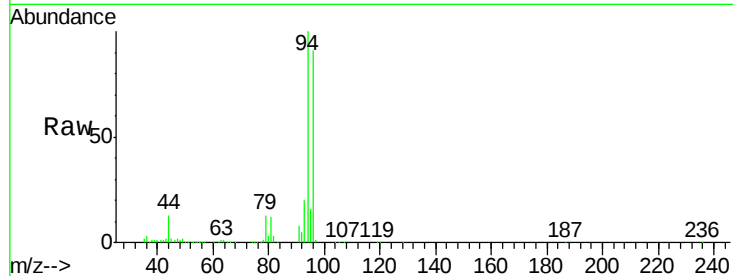
96 91.1 77.4 116.0

Manual Integrations

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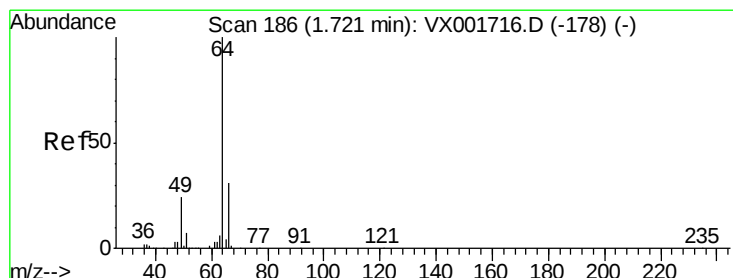
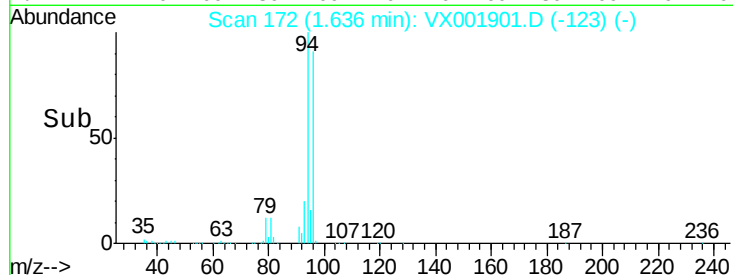
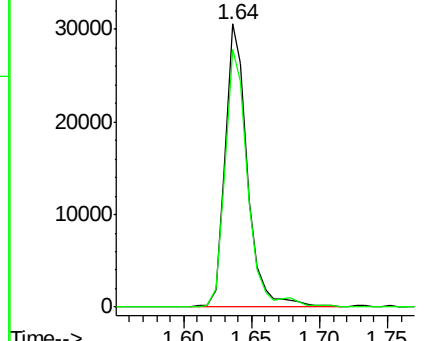
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 23.13 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001901.D

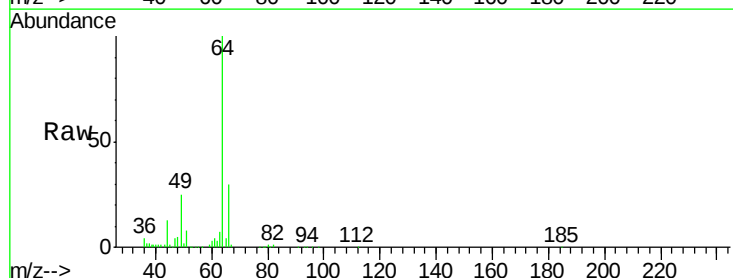
Acq: 22 May 2018 18:43

Tgt Ion: 64 Resp: 43785

Ion Ratio Lower Upper

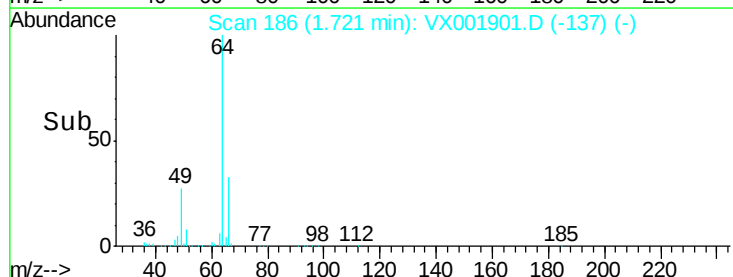
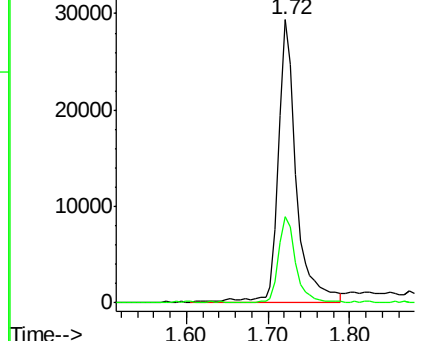
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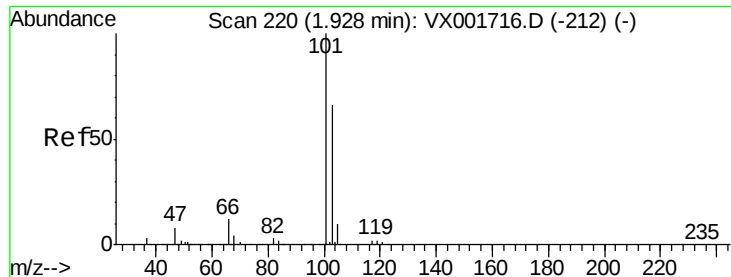
66 30.0 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

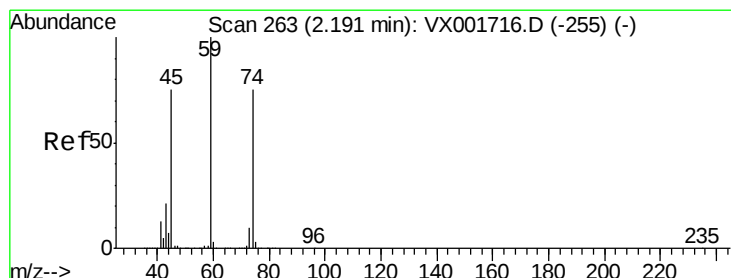
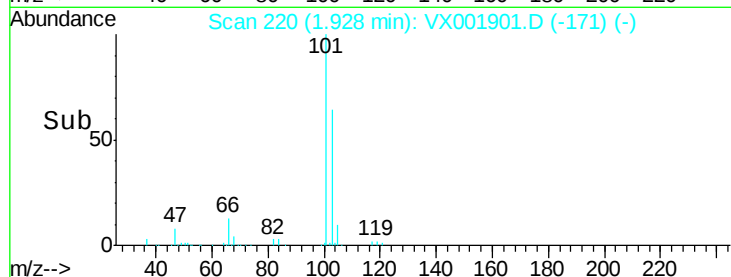
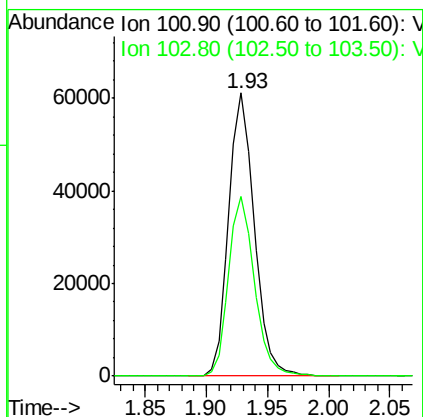
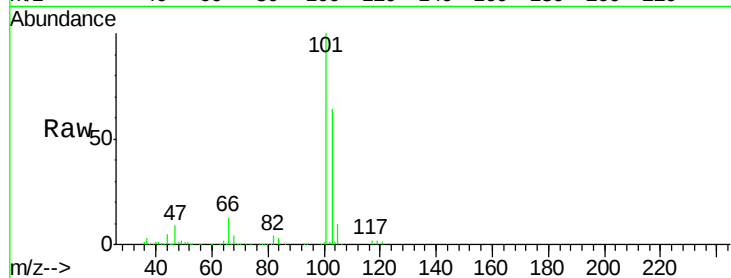
Trichlorofluoromethane
 Concen: 20.40 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	89089		
103	63.7	52.6	78.8	

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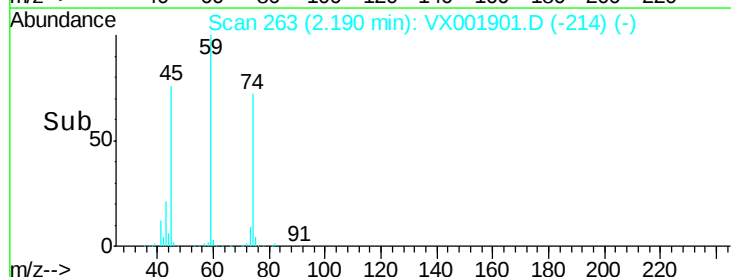
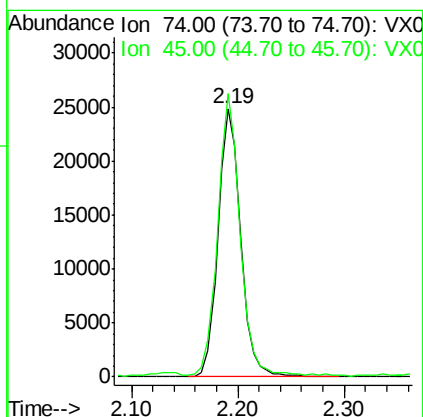
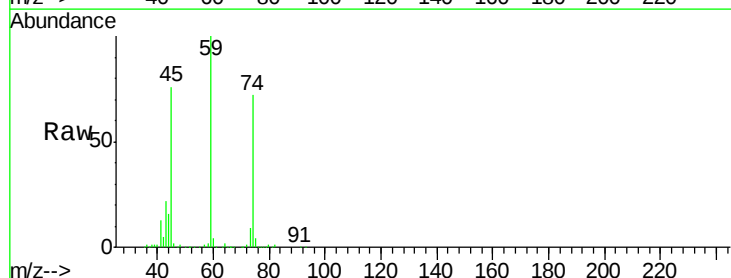
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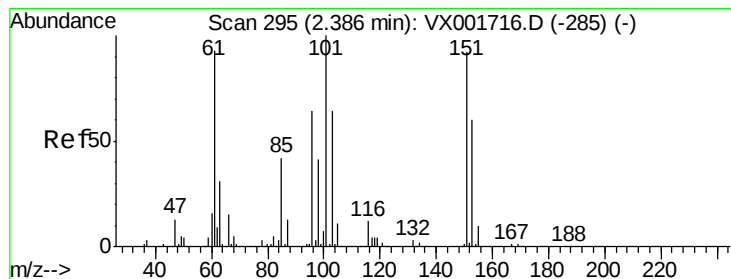


#8

Diethyl Ether
 Concen: 20.36 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	36599		
45	104.1	50.0	149.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.15 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

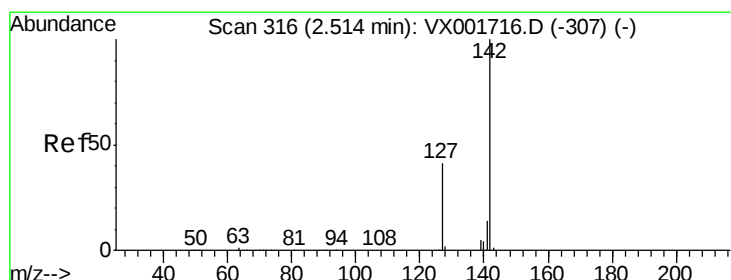
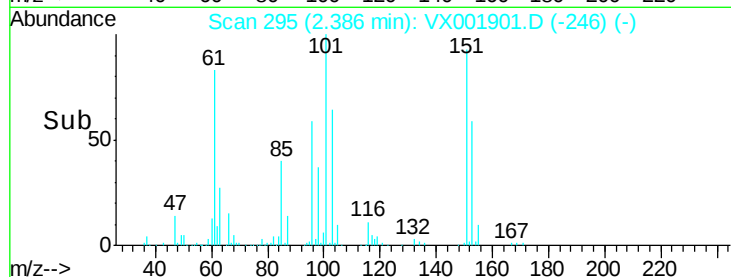
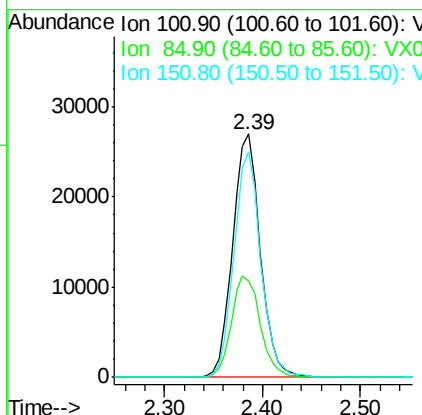
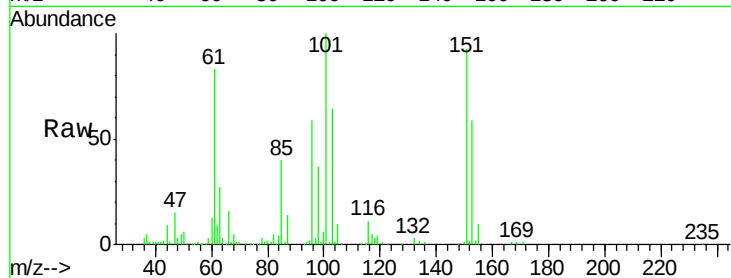
ClientSampleId :

VX0522WBSD01

Tot Ion:	101	Resp:	52959
Ion Ratio	Lower	Upper	
101	100		
85	43.5	33.7	50.5
151	90.3	73.0	109.6

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#10

Methyl Iodide

Concen: 28.00 ug/l

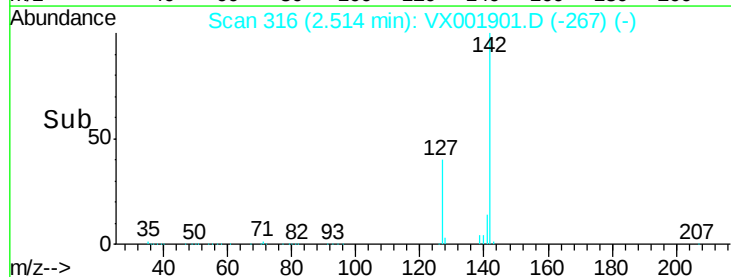
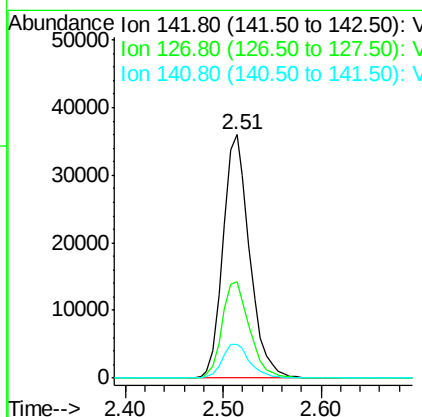
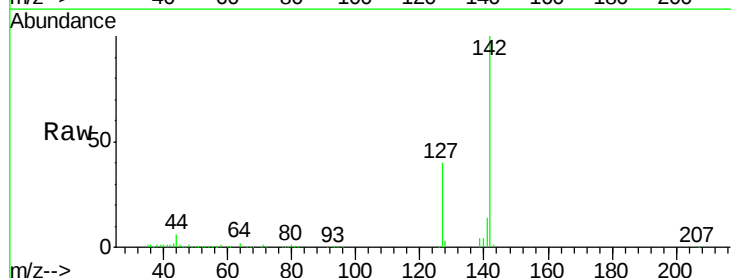
RT: 2.51 min Scan# 316

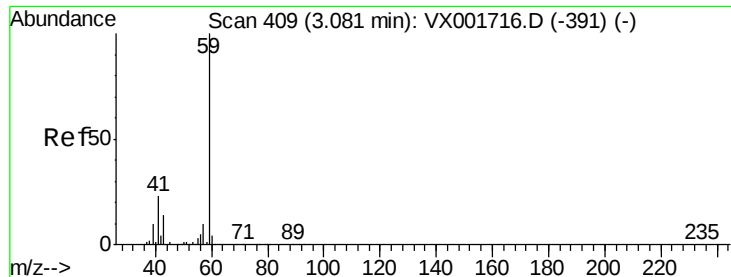
Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Tgt Ion:	142	Resp:	67720
Ion Ratio	Lower	Upper	
142	100		
127	41.0	32.5	48.7
141	14.5	11.4	17.0





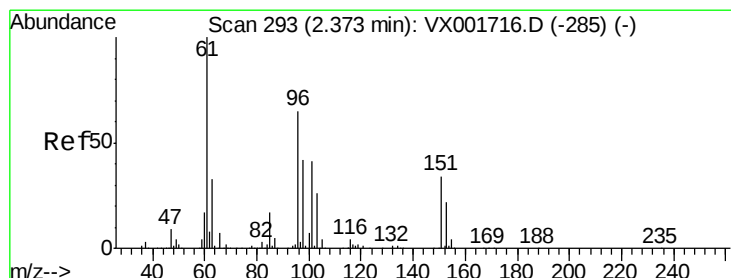
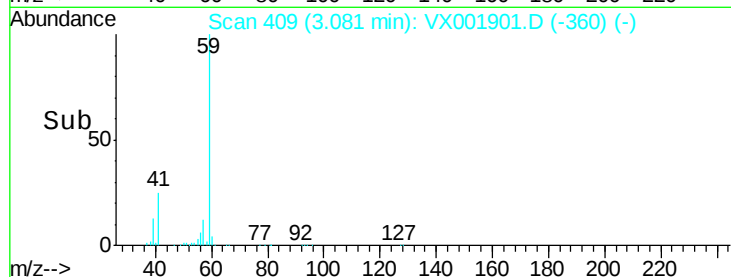
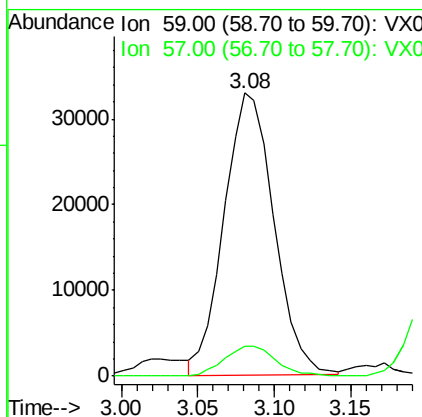
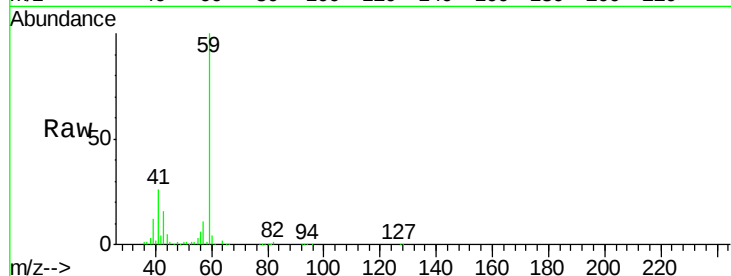
#11
Tert butyl alcohol
Concen: 121.99 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Instrument :
MSVOA_X
ClientSampled :
VX0522WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.5	12.7

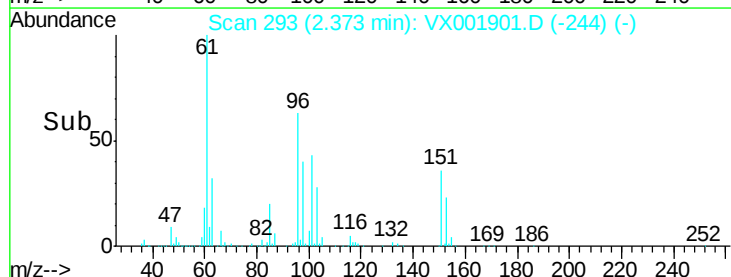
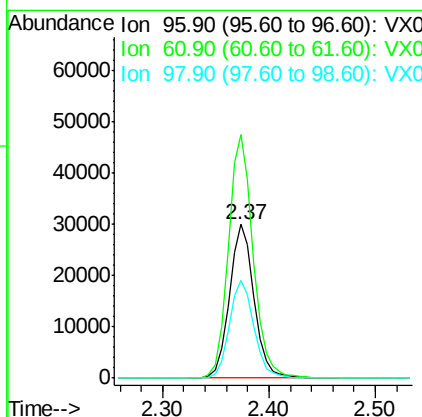
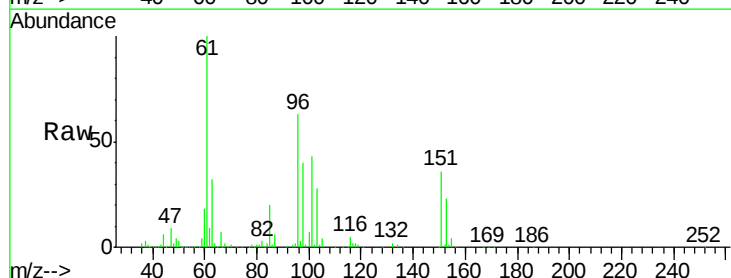
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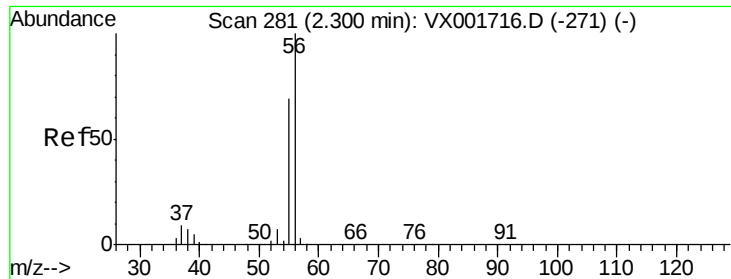
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.18 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.4	122.2	183.2
98	63.4	51.4	77.0





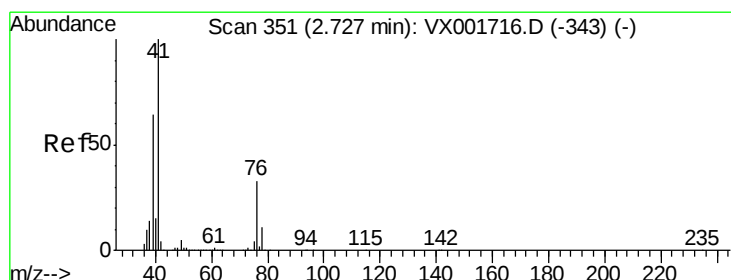
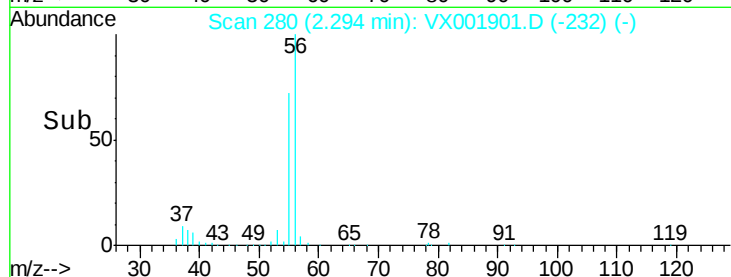
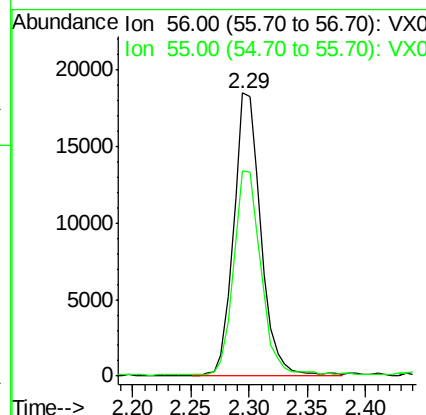
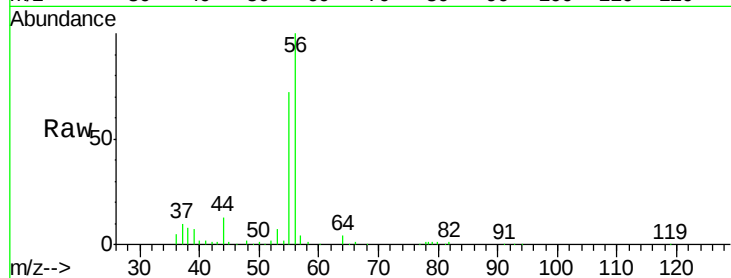
#13
 Acrolein
 Concen: 69.81 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. -0.01 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.8	56.2	84.2

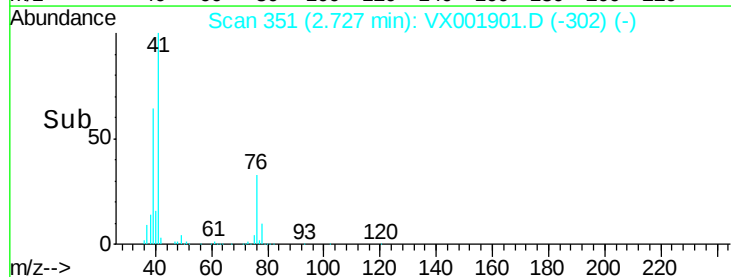
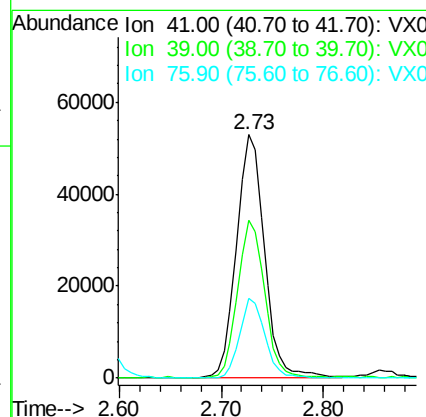
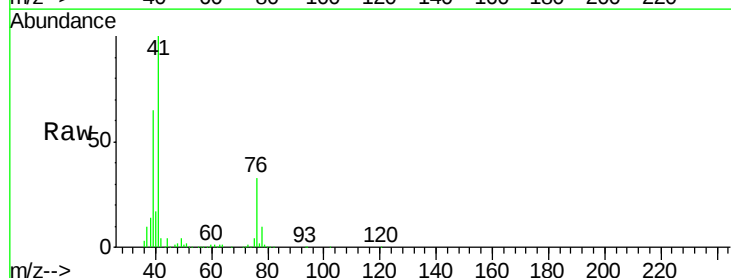
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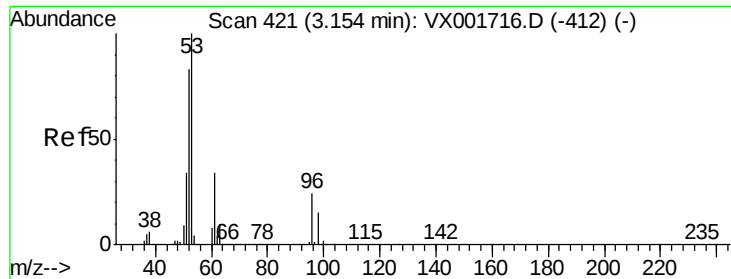
MMDadoda
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#14
 Allyl chloride
 Concen: 21.40 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.1	49.8	74.6
76	30.0	25.8	38.8





#15

Acrylonitrile

Concen: 115.39 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

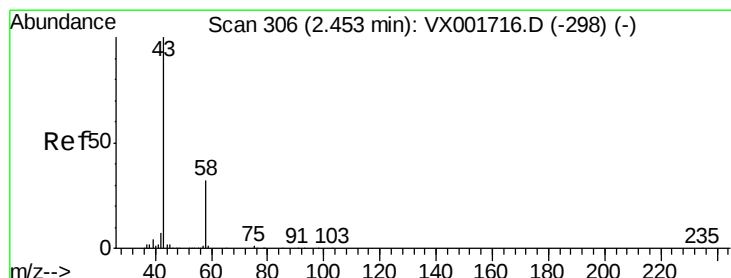
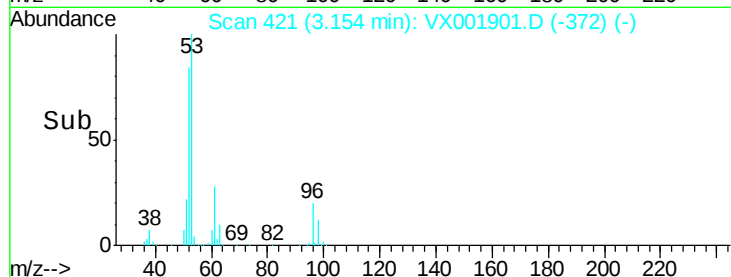
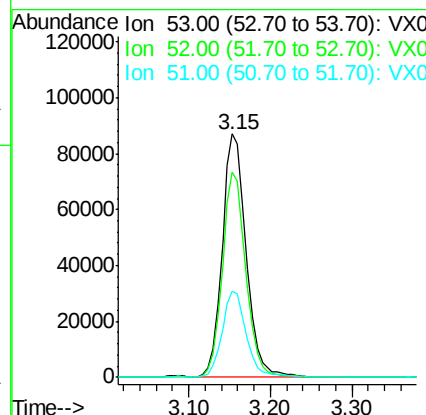
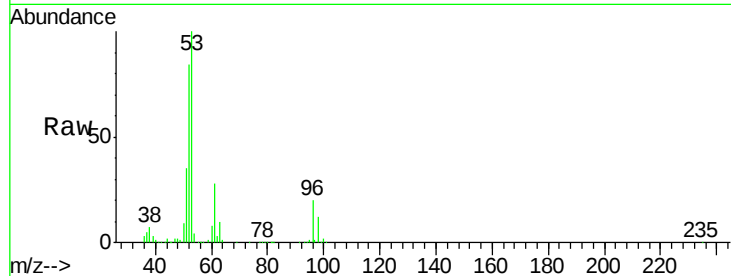
ClientSampleId :

VX0522WBSD01

Tot Ion:	53	Resp:	176846
Ion Ratio	Lower	Upper	
53	100		
52	82.5	65.6	98.4
51	36.2	28.1	42.1

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#16

Acetone

Concen: 119.01 ug/l

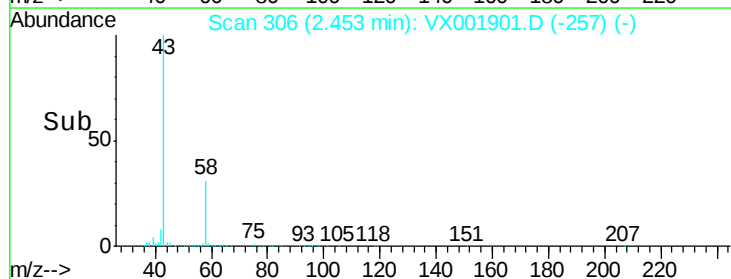
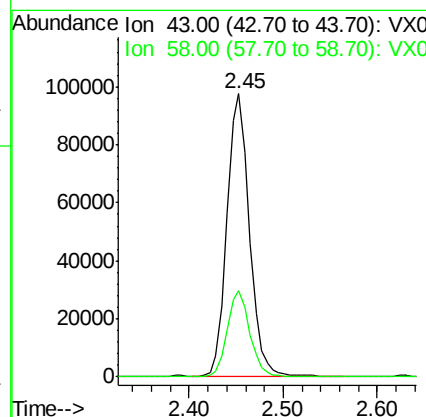
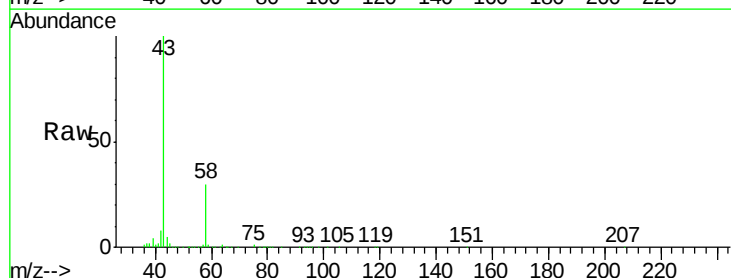
RT: 2.45 min Scan# 306

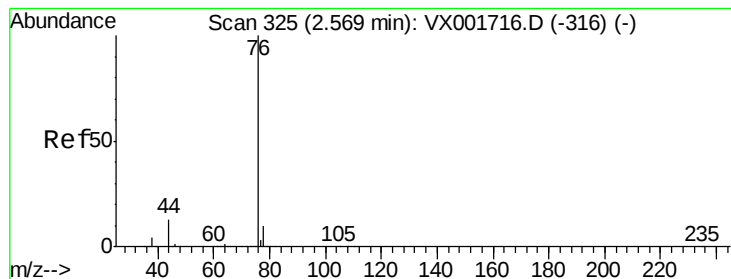
Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Tgt Ion:	43	Resp:	160652
Ion Ratio	Lower	Upper	
43	100		
58	30.5	25.3	37.9





#17

Carbon Disulfide

Concen: 15.66 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD01

Tot Ion: 76 Resp: 103539

Ion Ratio Lower Upper

76 100

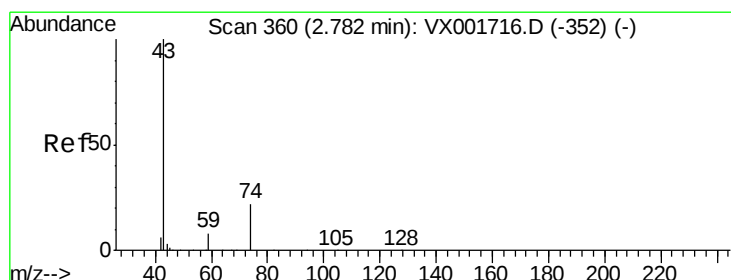
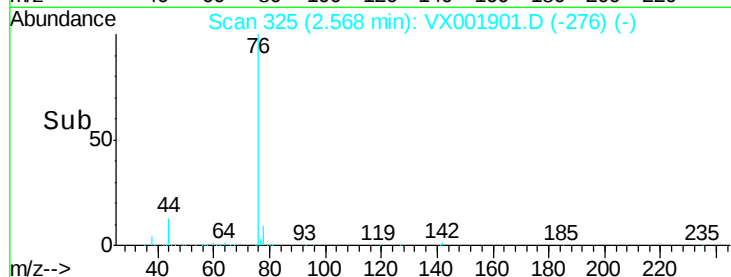
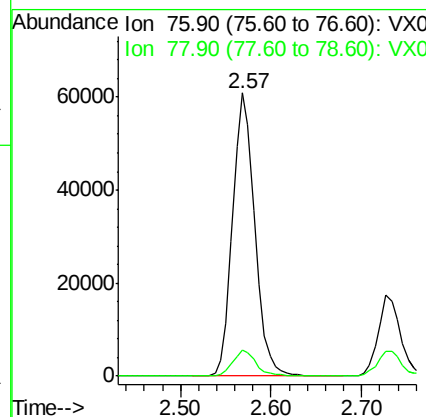
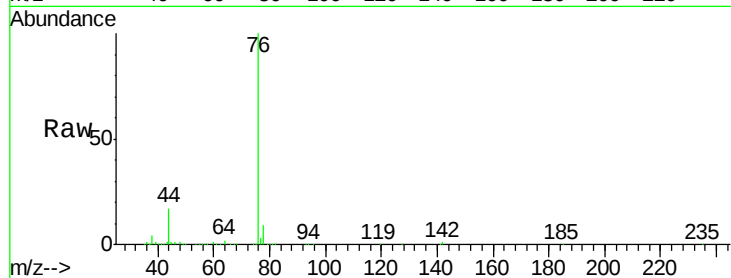
78 9.1 7.6 11.4

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#18

Methyl Acetate

Concen: 25.99 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001901.D

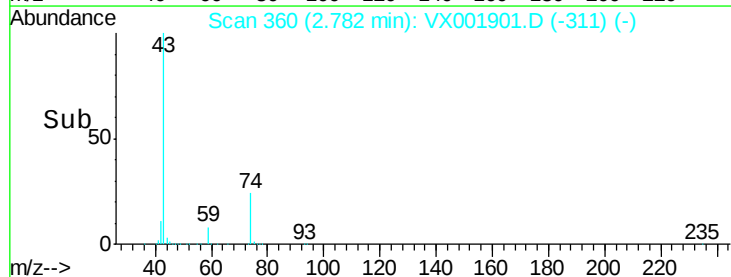
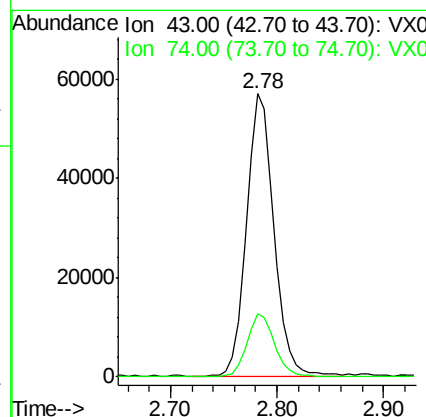
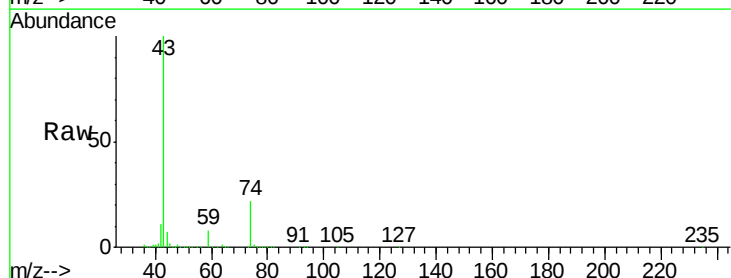
Acq: 22 May 2018 18:43

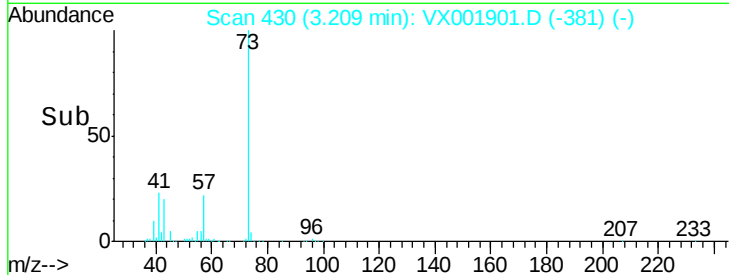
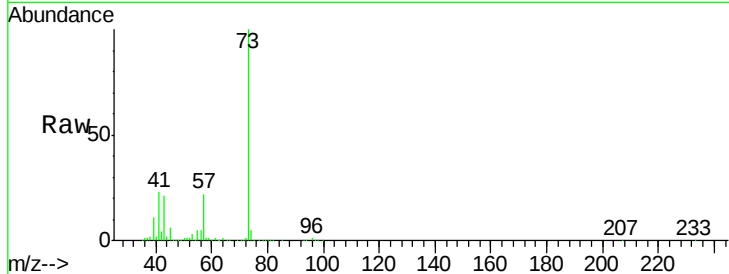
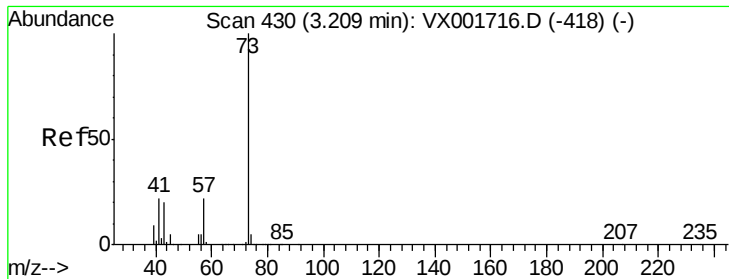
Tgt Ion: 43 Resp: 102584

Ion Ratio Lower Upper

43 100

74 21.9 18.2 27.2





#19

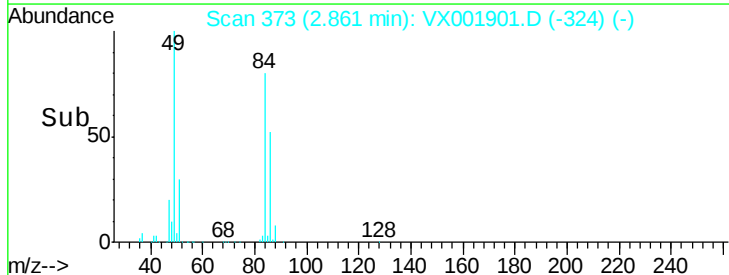
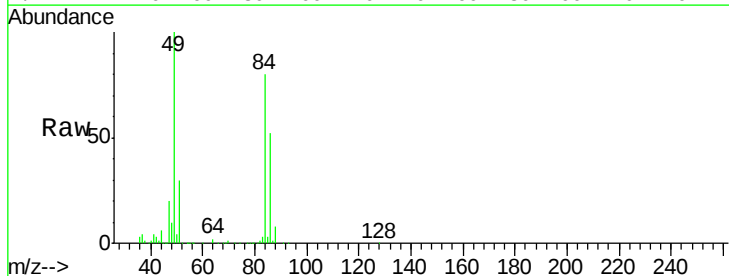
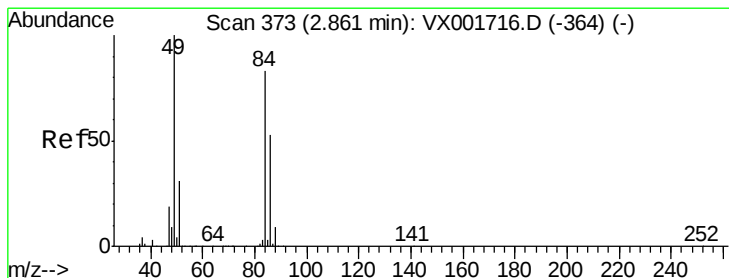
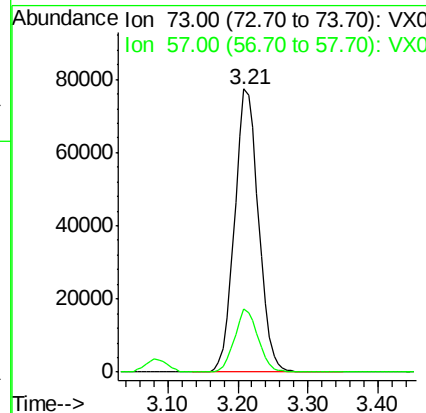
Methyl tert-butyl Ether
 Concen: 21.54 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Tot Ion	73	Resp	184018
Ion Ratio	100	Lower	Upper
73	100		
57	22.4	17.5	26.3

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBSD01

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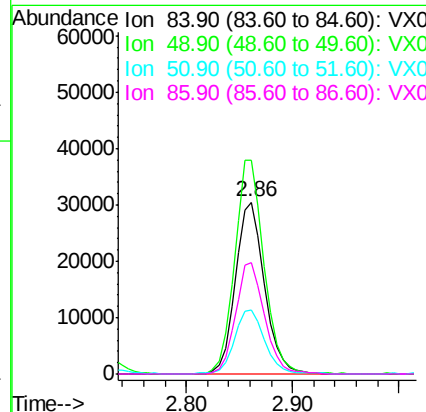
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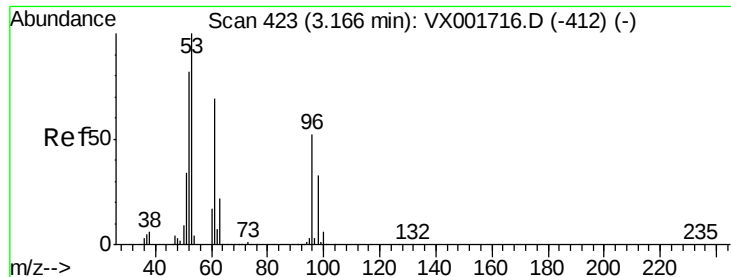


#20

Methylene Chloride
 Concen: 20.16 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Tgt Ion	84	Resp	58268
Ion Ratio	100	Lower	Upper
84	100		
49	124.5	96.3	144.5
51	37.2	29.8	44.6
86	64.8	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 19.12 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

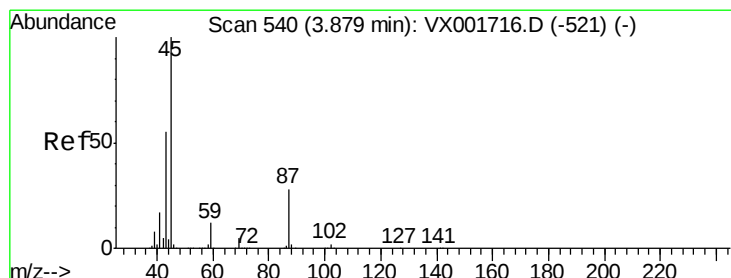
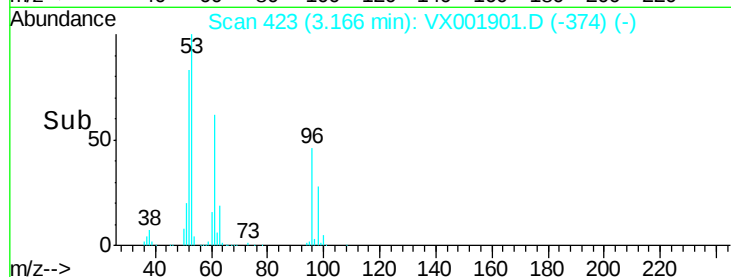
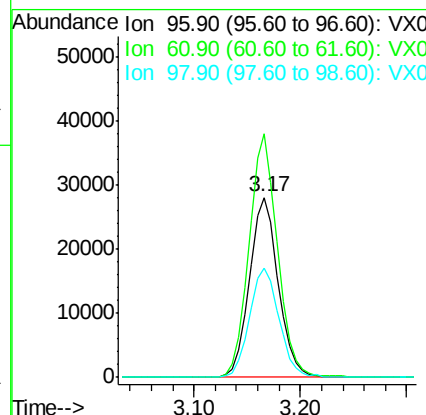
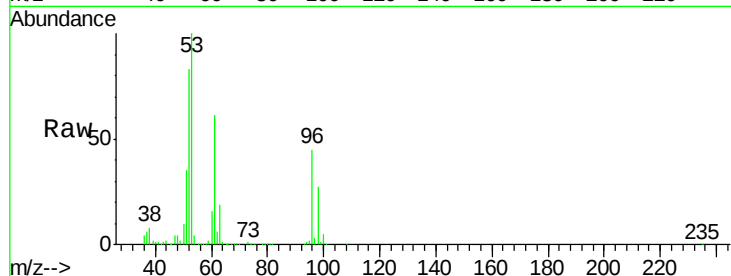
ClientSampleId :

VX0522WBSD01

Tot Ion:	96	Resp:	53385
Ion	Ratio	Lower	Upper
96	100		
61	135.1	105.8	158.8
98	60.4	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.60 ug/l

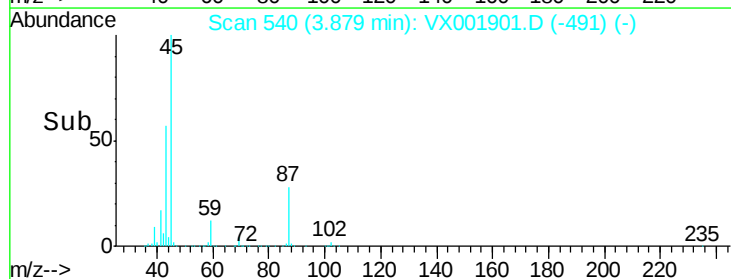
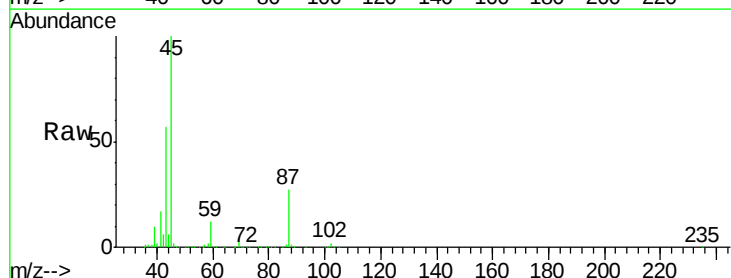
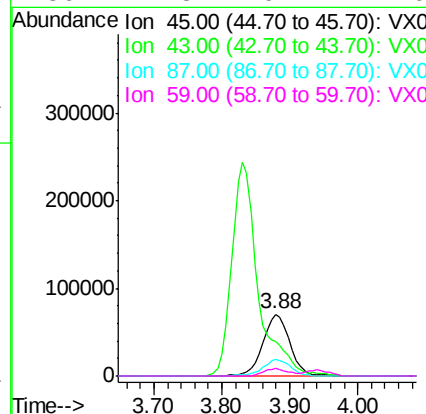
RT: 3.88 min Scan# 540

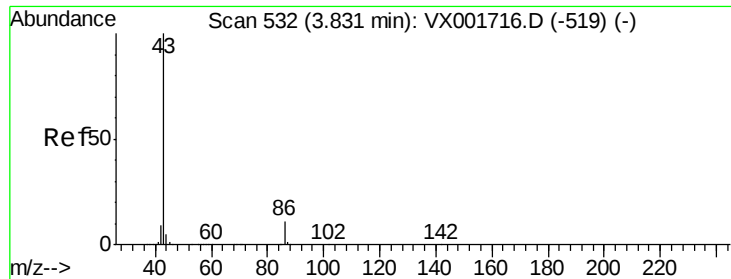
Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Tgt Ion:	45	Resp:	194147
Ion	Ratio	Lower	Upper
45	100		
43	56.7	44.3	66.5
87	27.5	22.6	33.8
59	11.8	9.4	14.0





#23

Vinyl Acetate

Concen: 101.26 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Tot Ion: 43 Resp: 655663

Ion Ratio Lower Upper

43 100

86 10.3 8.7 13.1

Instrument :

MSVOA_X

ClientSampleId :

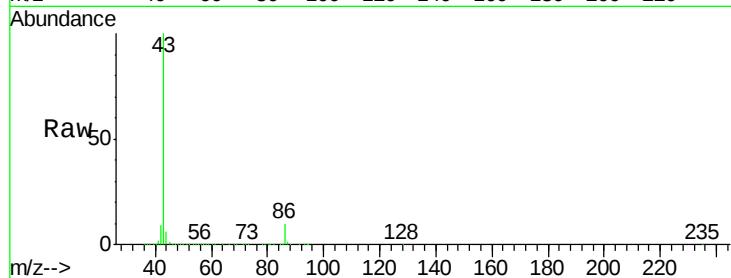
VX0522WBSD01

Manual Integrations

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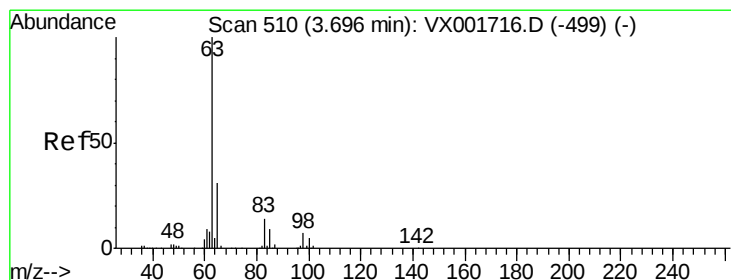
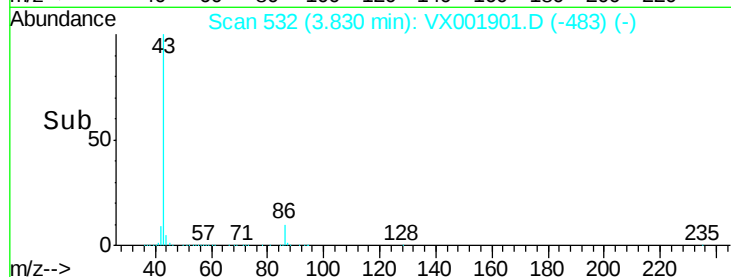
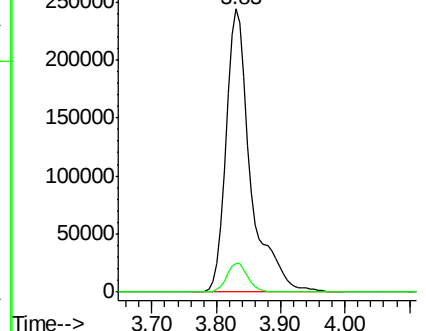
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.12 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

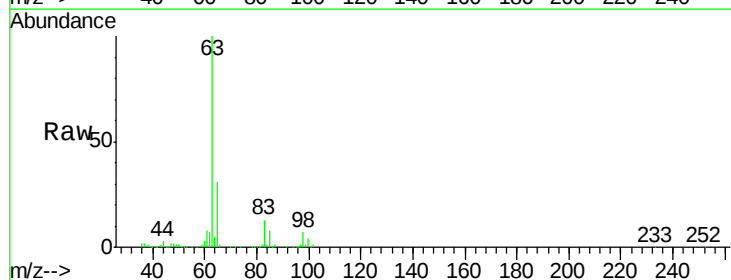
Tgt Ion: 63 Resp: 104111

Ion Ratio Lower Upper

63 100

98 7.1 3.7 11.1

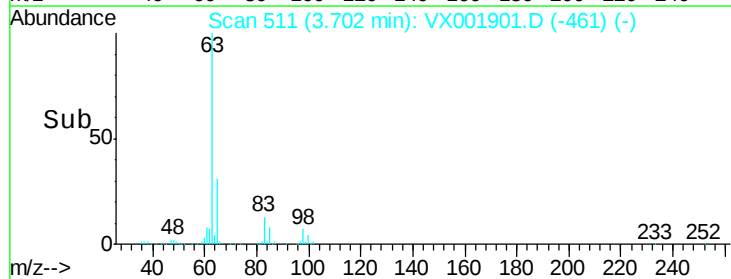
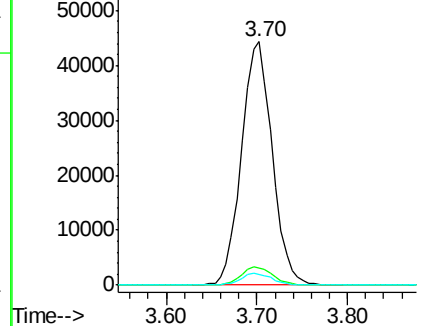
100 4.5 2.4 7.2

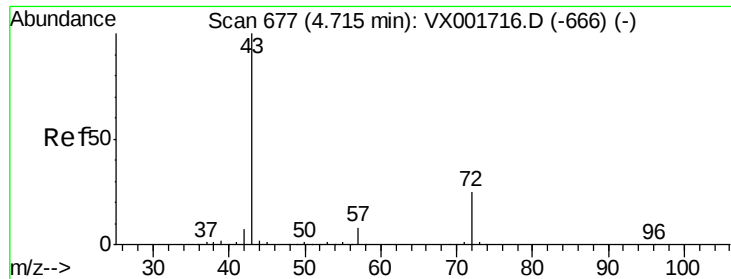


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 126.35 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD01

Tot Ion: 43 Resp: 261130

Ion Ratio Lower Upper

43 100

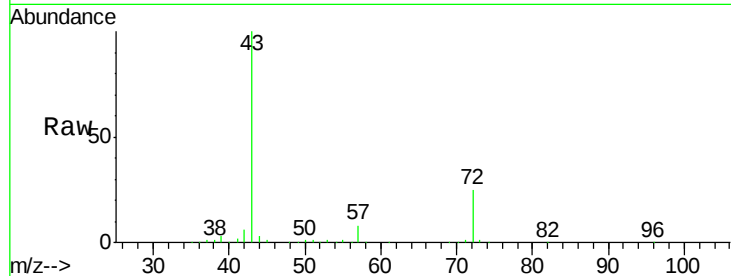
72 24.9 19.8 29.6

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.72

100000

80000

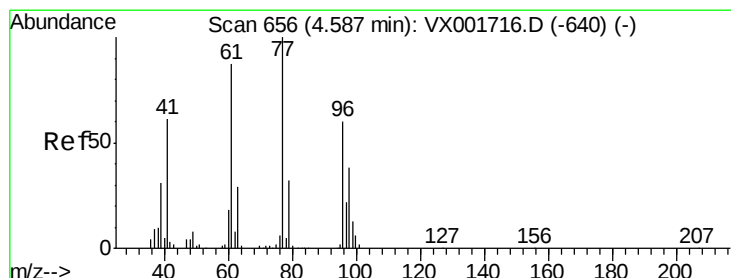
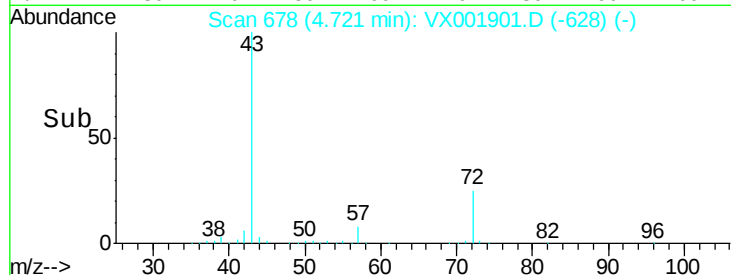
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 18.79 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001901.D

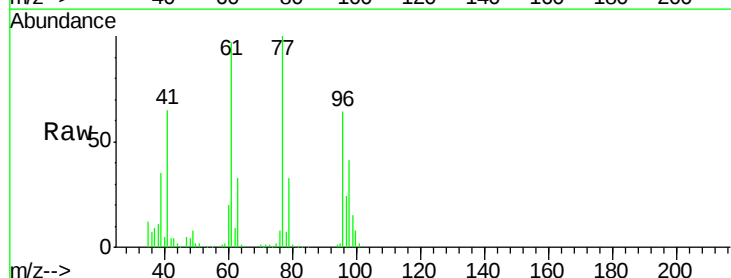
Acq: 22 May 2018 18:43

Tgt Ion: 77 Resp: 74548

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

25000

20000

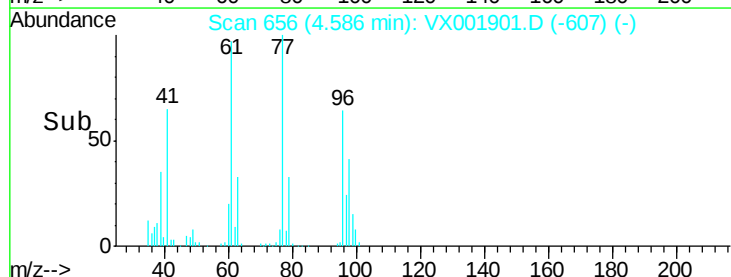
15000

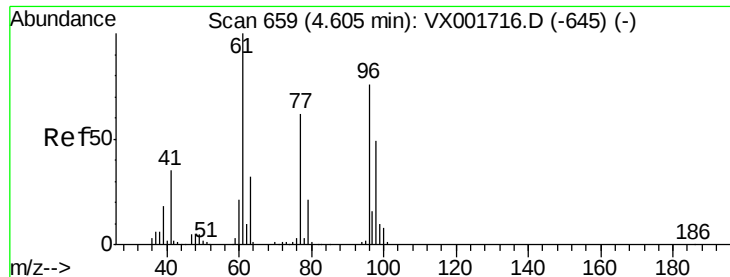
10000

5000

0

Time-->





#27

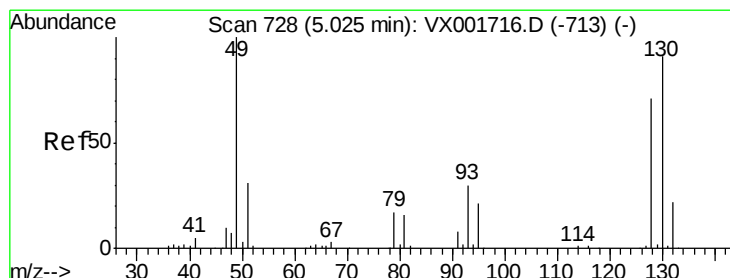
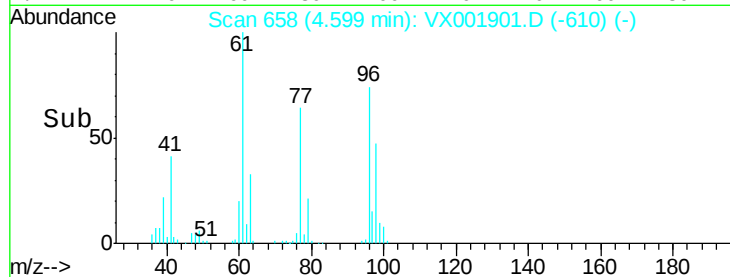
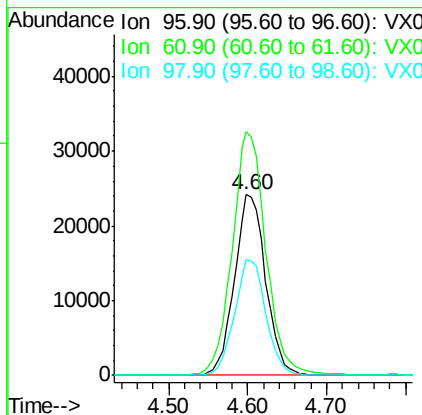
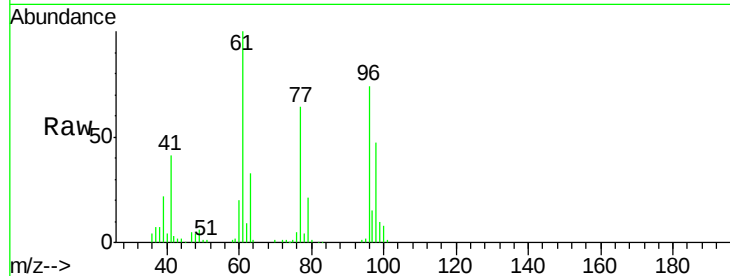
cis-1,2-Dichloroethene
 Concen: 20.96 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	280.4
98	64.3	0.0	128.4

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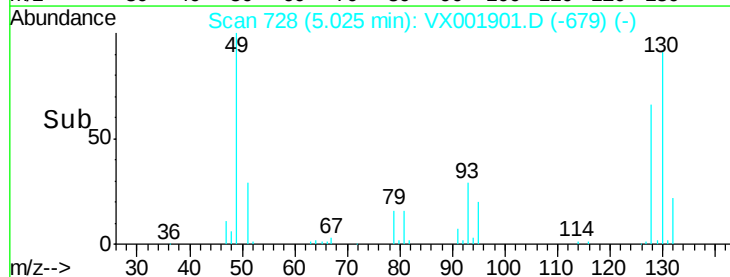
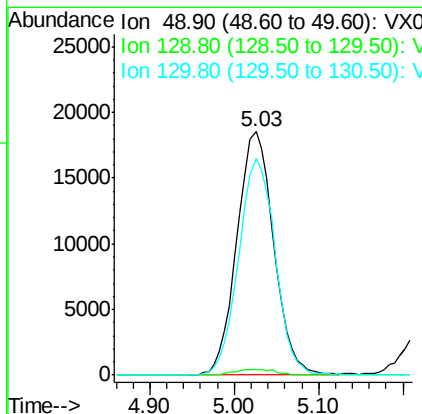
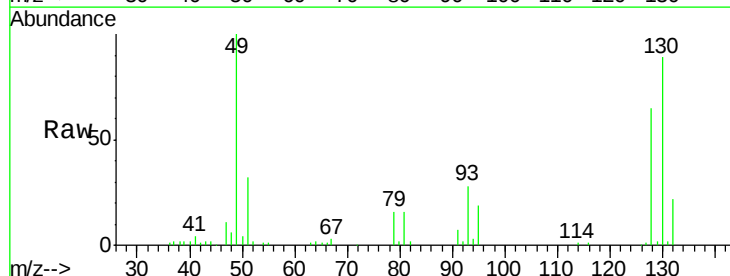
MMDadoda
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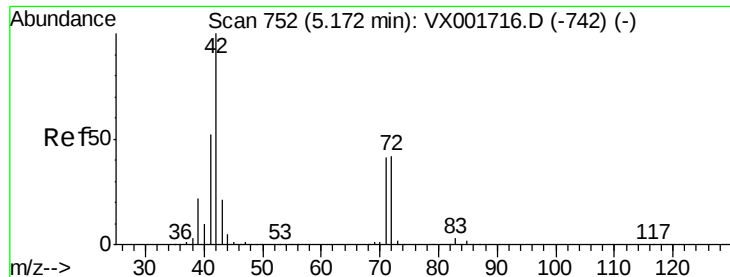


#28

Bromochloromethane
 Concen: 25.16 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	88.0	71.8	107.6





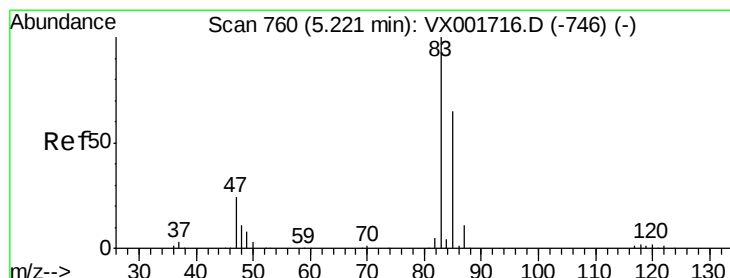
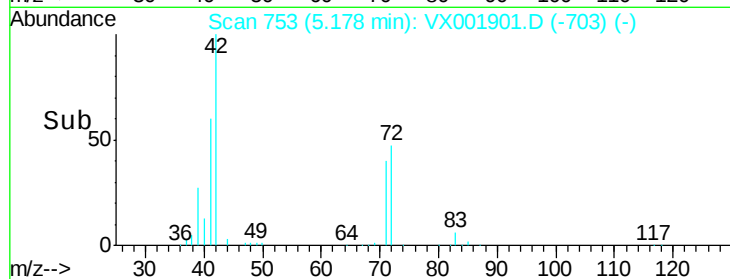
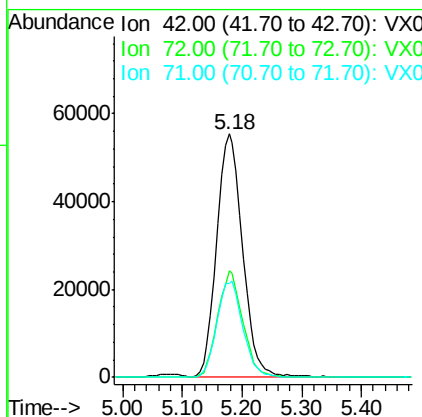
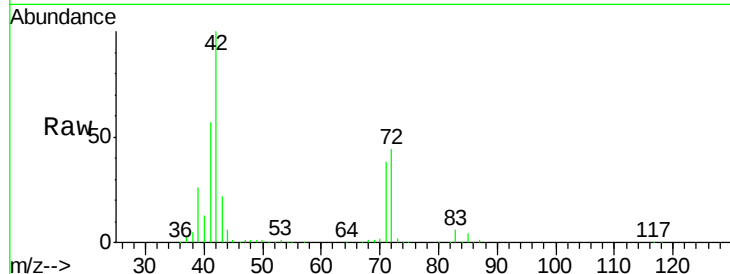
#29
Tetrahydrofuran
Concen: 123.47 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	35.4	53.2
71	39.7	33.2	49.8

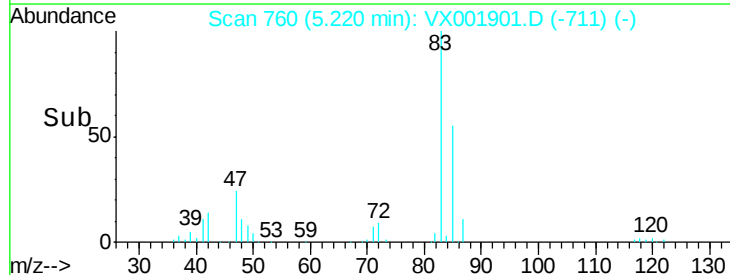
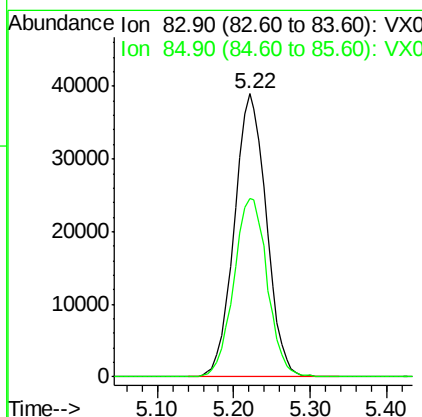
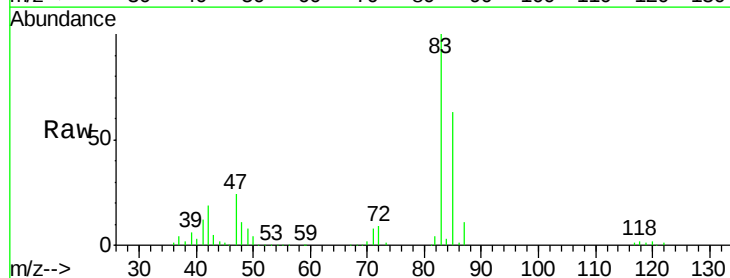
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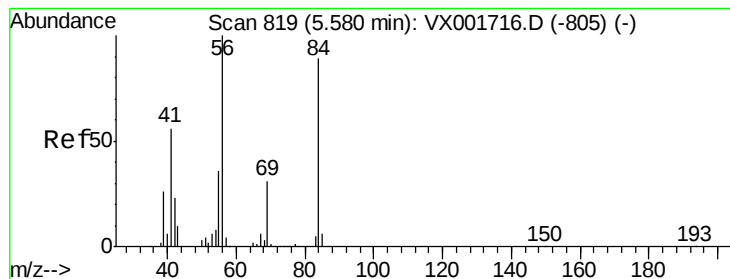
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#30
Chloroform
Concen: 21.91 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.3	78.5





#31

Cyclohexane

Concen: 20.05 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD01

Tot Ion: 56 Resp: 86628

Ion Ratio Lower Upper

56 100

69 30.7 25.0 37.6

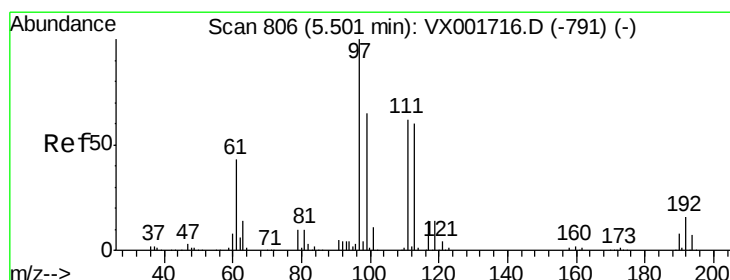
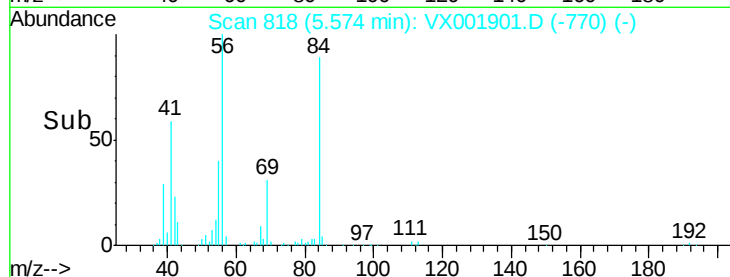
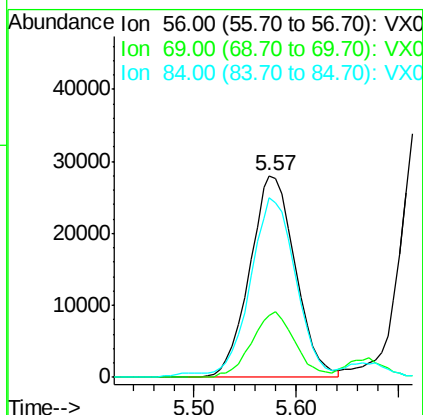
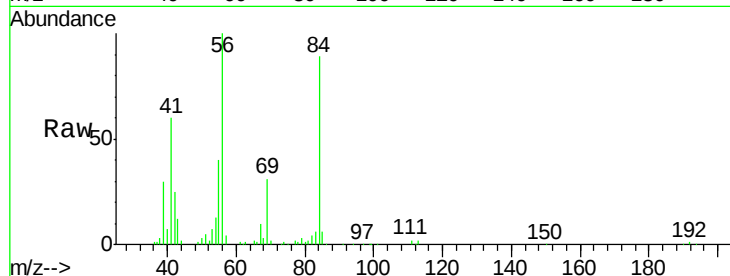
84 86.4 71.0 106.4

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#32

1,1,1-Trichloroethane

Concen: 21.78 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

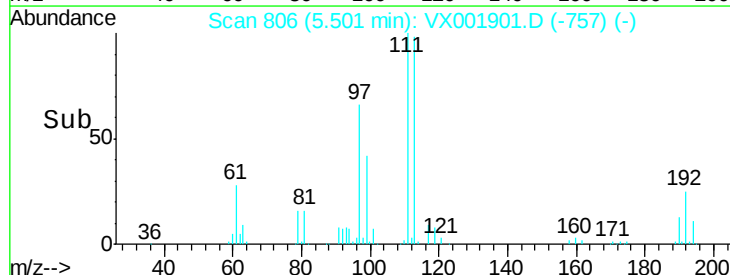
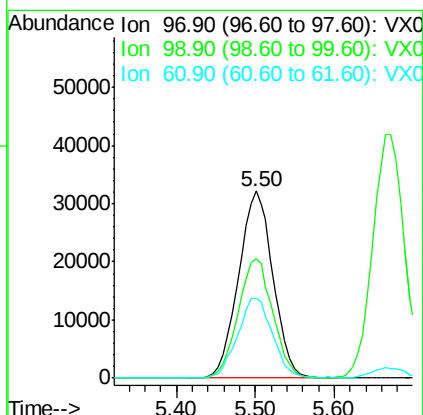
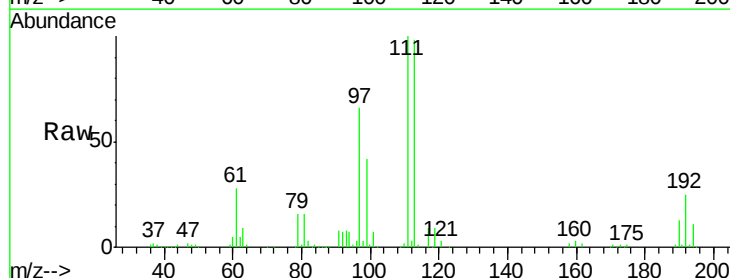
Tgt Ion: 97 Resp: 97423

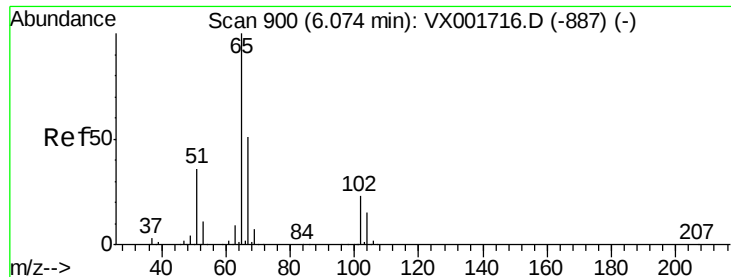
Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 43.6 34.0 51.0





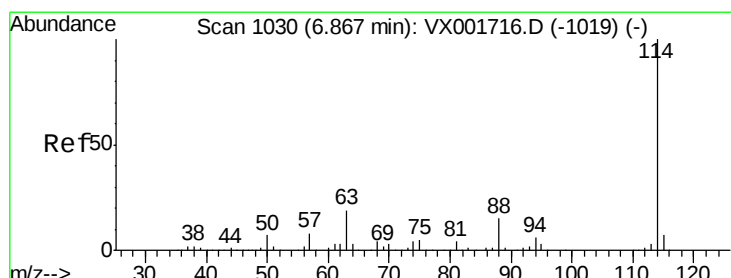
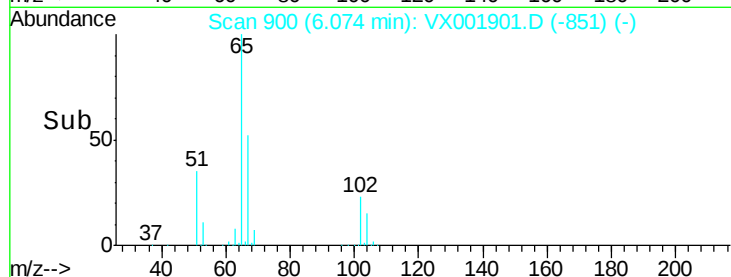
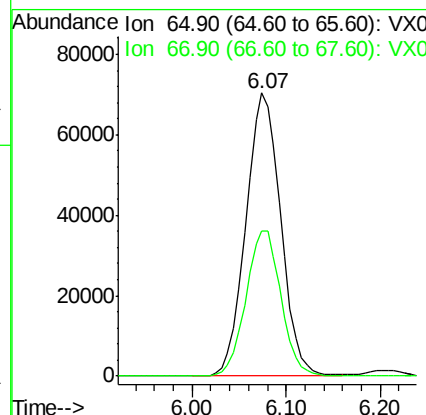
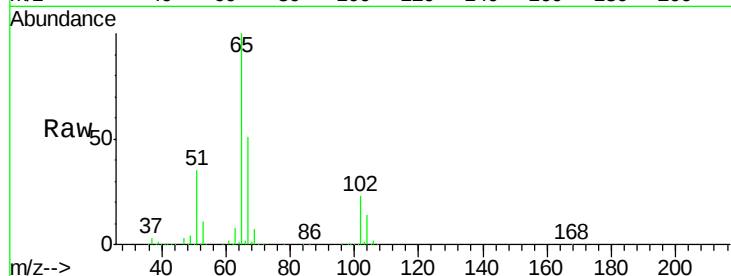
#33
 1,2-Dichloroethane-d4
 Concen: 52.78 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	181415		
67	51.5	0.0	102.8	

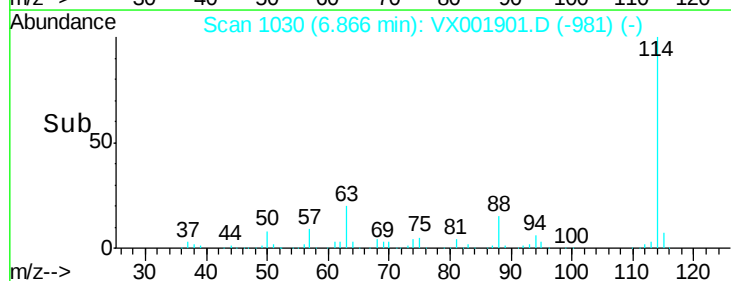
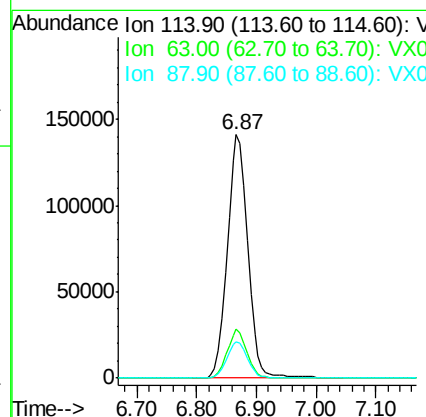
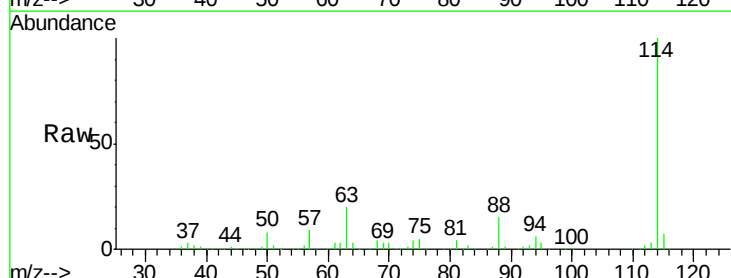
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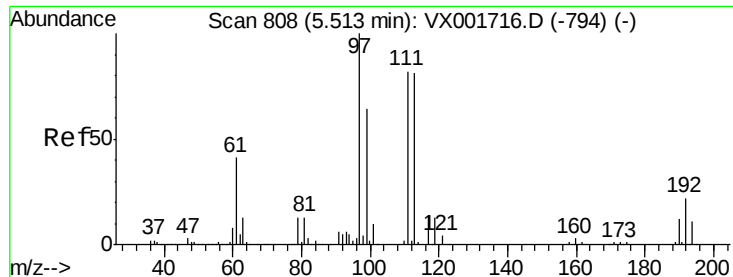
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	337898		
63	19.9	0.0	37.0	
88	15.0	0.0	29.8	





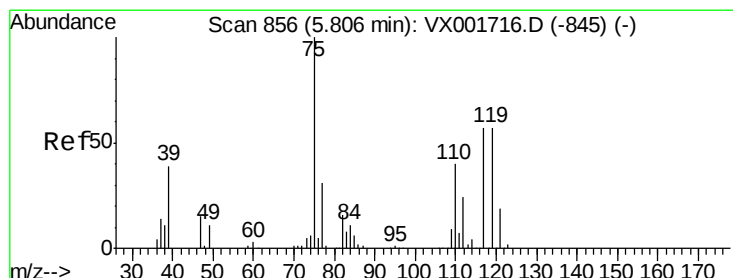
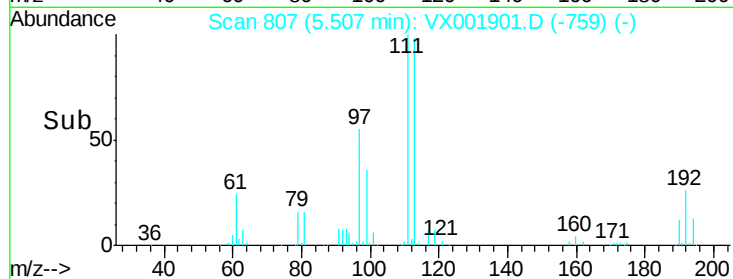
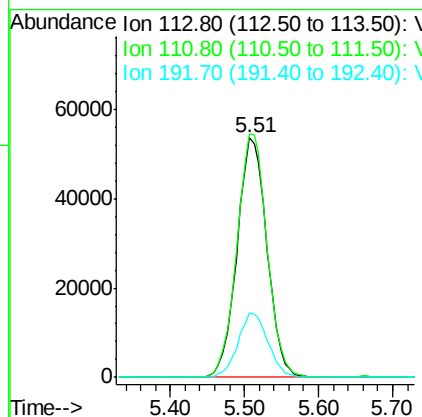
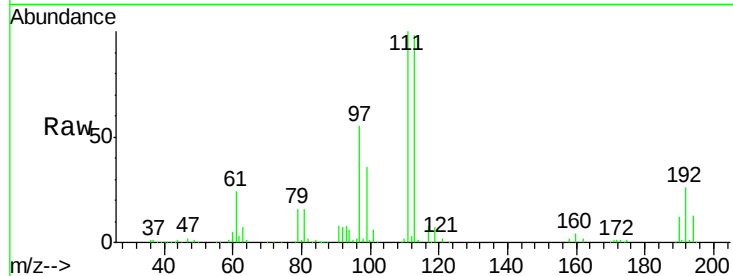
#35
 Dibromofluoromethane
 Concen: 53.01 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	151155		
111	102.5	82.0	123.0	
192	26.9	21.6	32.4	

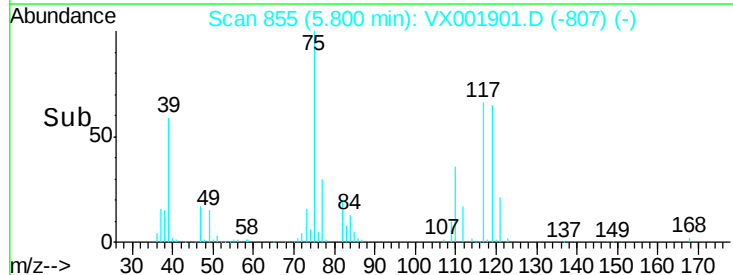
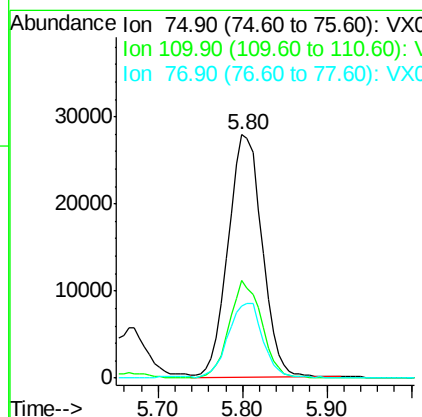
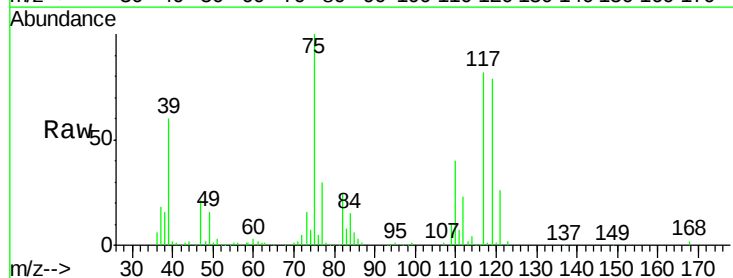
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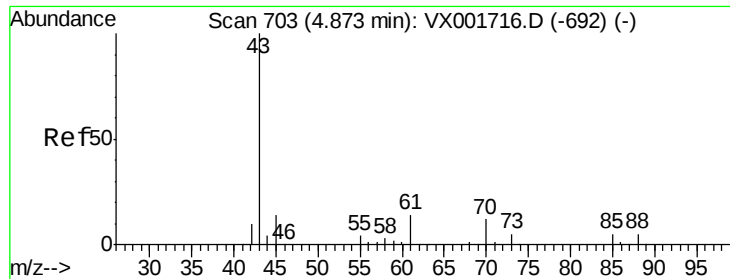
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#36
 1,1-Dichloropropene
 Concen: 19.55 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	76040		
110	38.3	19.1	57.1	
77	31.9	24.6	37.0	





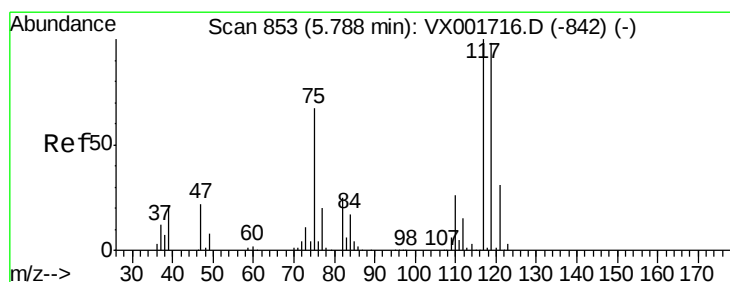
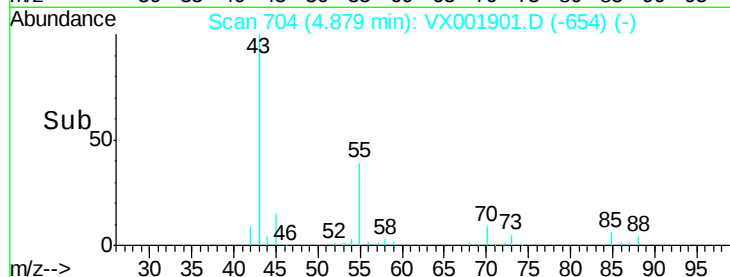
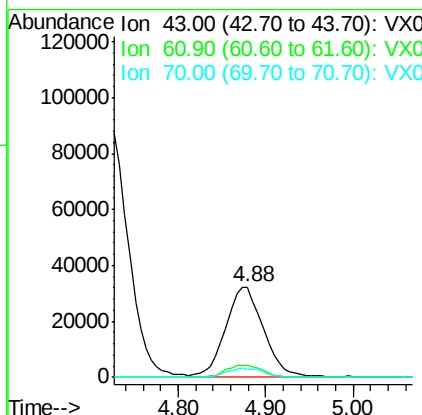
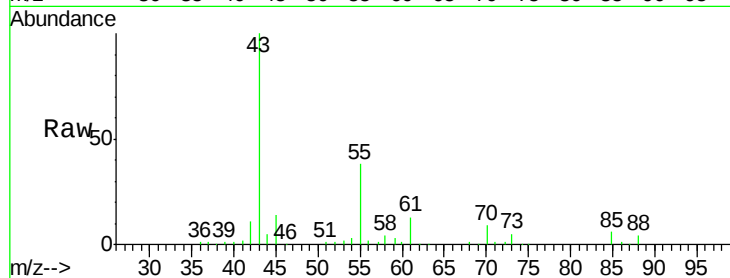
#37
Ethyl Acetate
Concen: 23.58 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.9	16.3
70	10.6	8.8	13.2

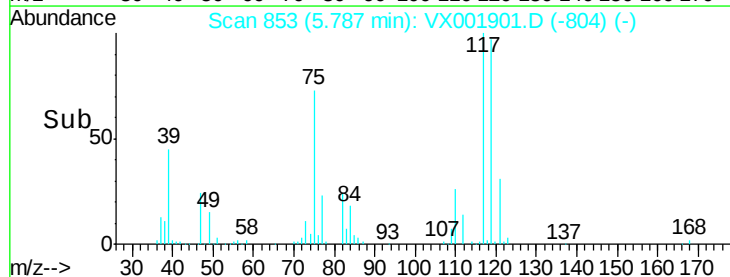
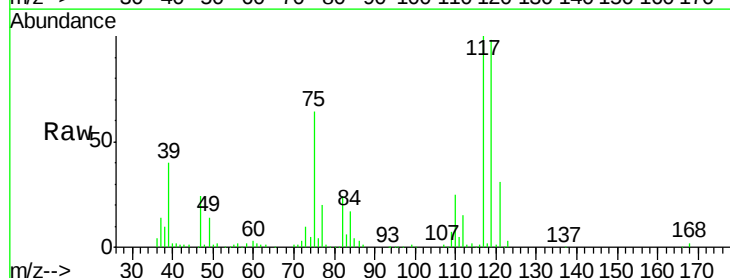
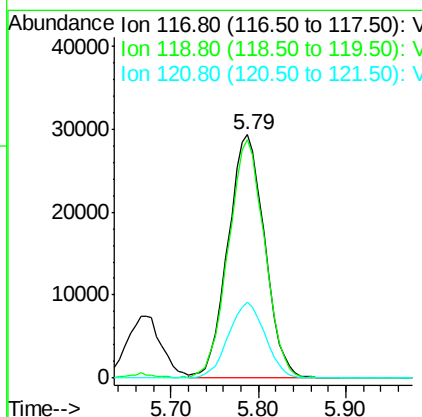
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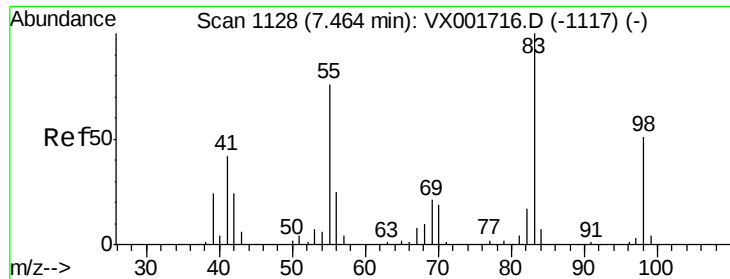
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#38
Carbon Tetrachloride
Concen: 21.03 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.6	116.4
121	31.3	24.6	36.8





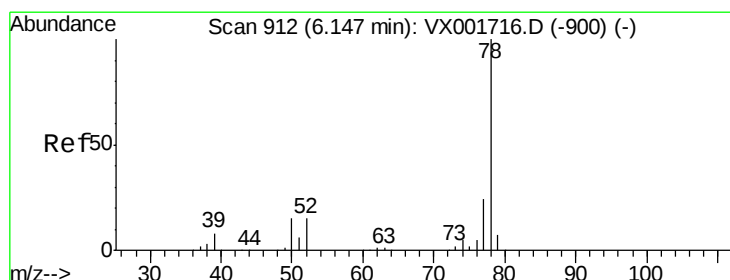
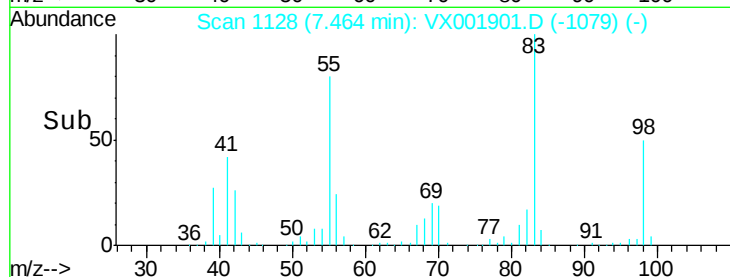
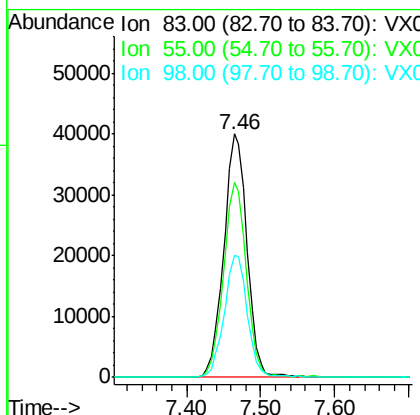
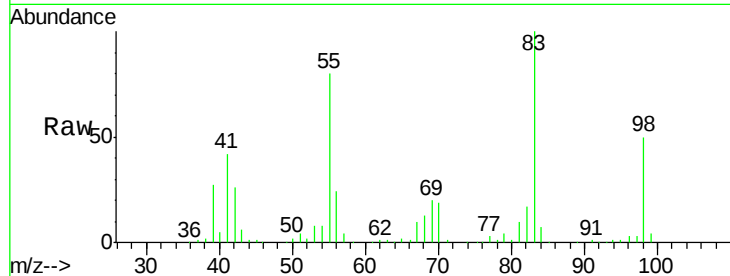
#39
Methvlcvclohexane
Concen: 19.24 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.7	60.6	90.8
98	50.3	40.4	60.6

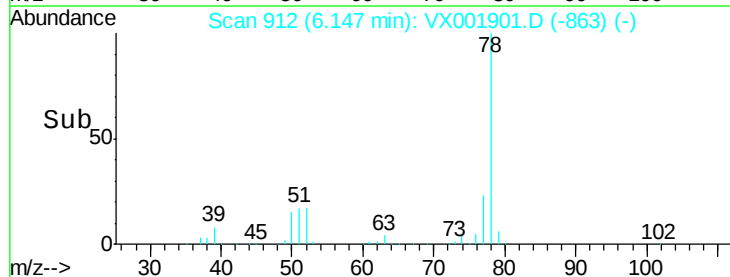
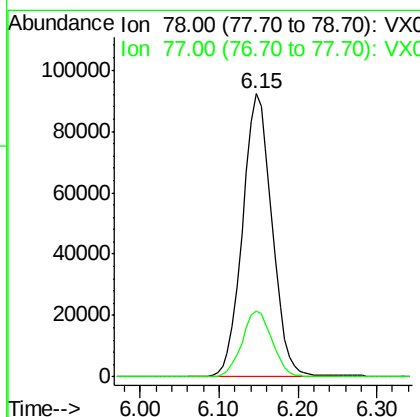
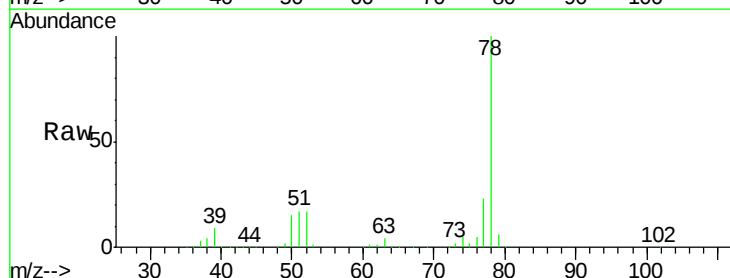
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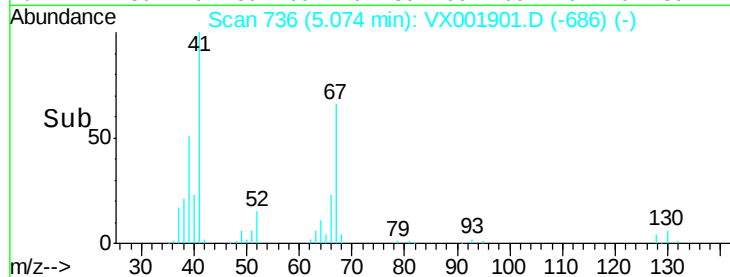
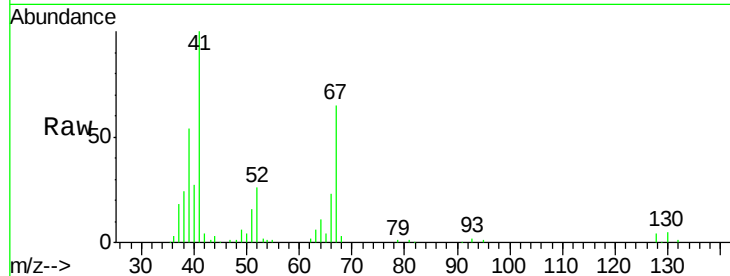
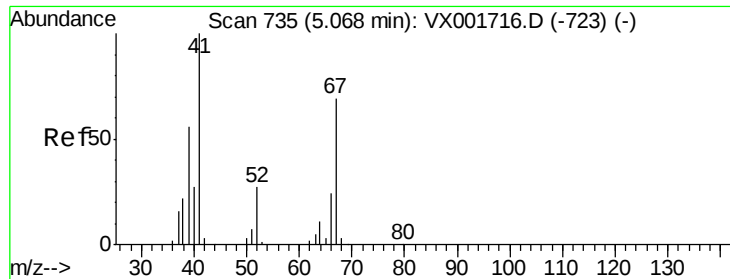
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#40
Benzene
Concen: 21.00 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





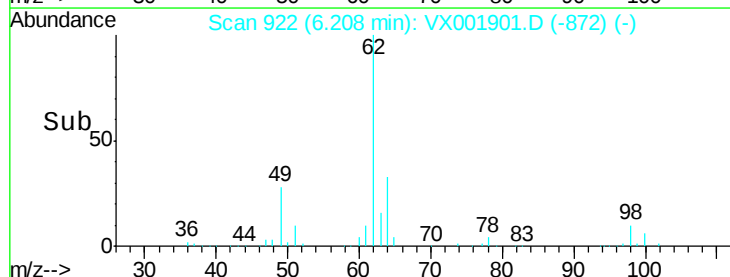
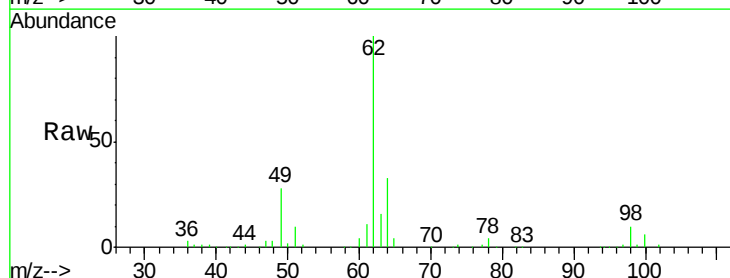
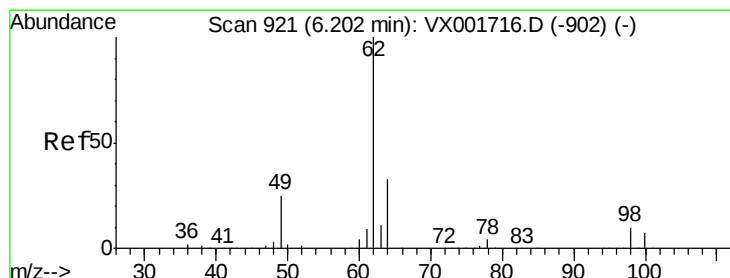
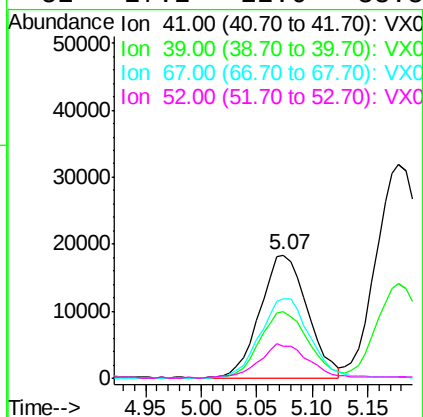
#41
Methacrylonitrile
Concen: 23.31 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	56.3	44.2	66.4		
67	68.2	56.0	84.0		
52	27.2	22.6	33.8		

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD01

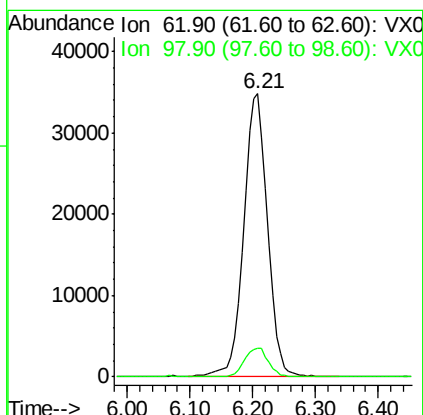
Manual Integrations
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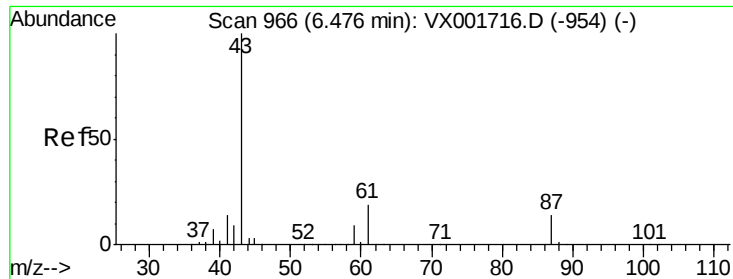
MMDadoda
5/24/2018 11:47:46 AM



#42
1,2-Dichloroethane
Concen: 22.03 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.1	0.0	20.0		





#43

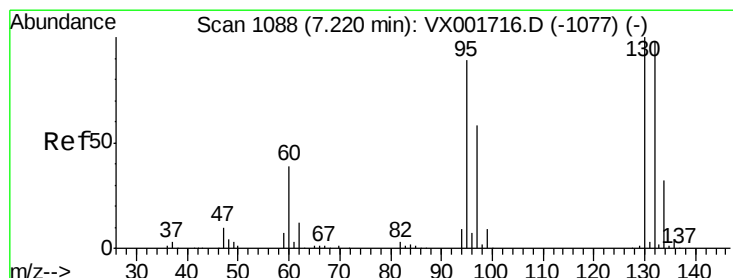
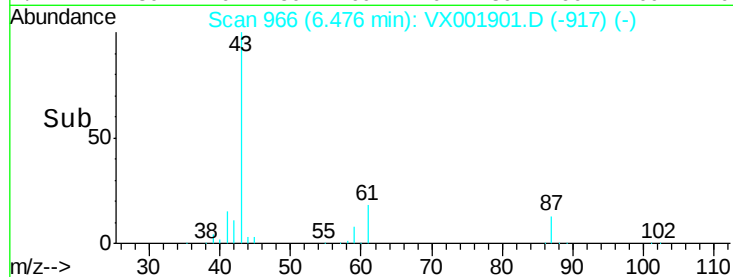
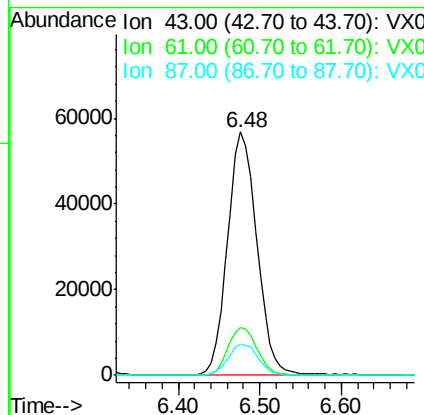
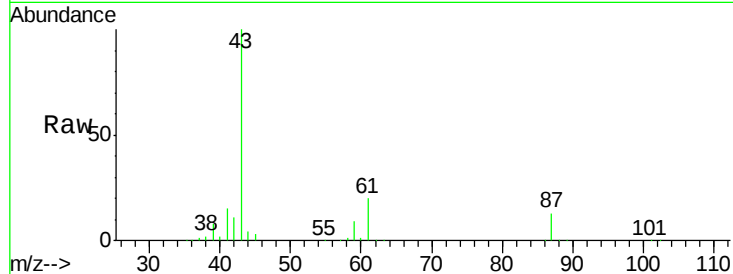
Isopropyl Acetate
 Concen: 22.27 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.8	23.8
87	13.3	11.0	16.4

Manual Integrations
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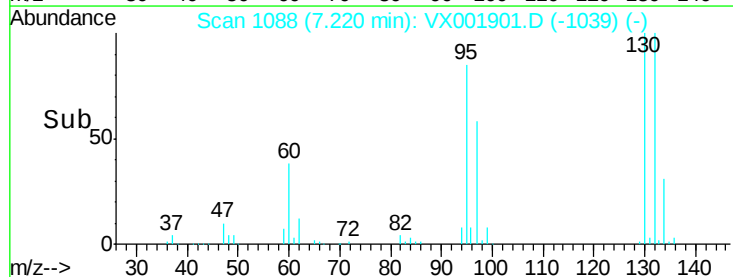
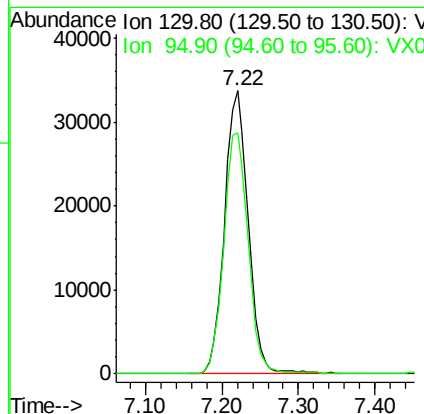
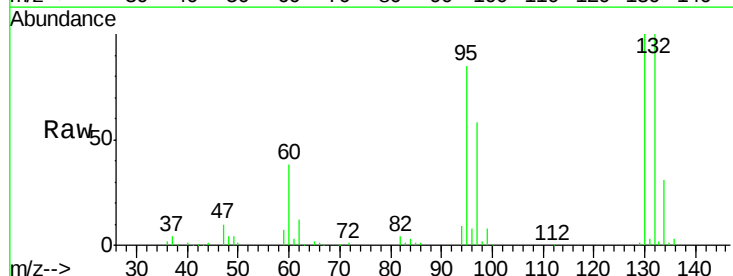
MMDadoda
 5/24/2018 11:47:46 AM

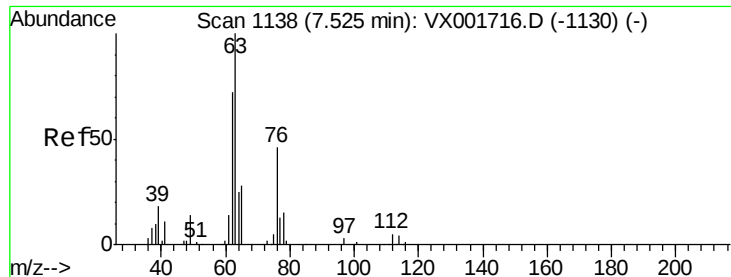


#44

Trichloroethene
 Concen: 20.37 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	85.2	0.0	177.2





#45

1,2-Dichloropropane

Concen: 22.26 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampled :

VX0522WBSD01

Tot Ion: 63 Resp: 62594

Ion Ratio Lower Upper

63 100

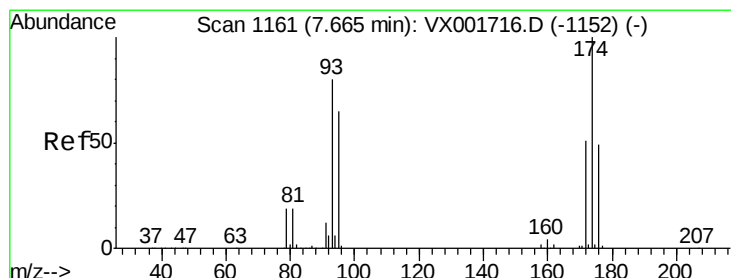
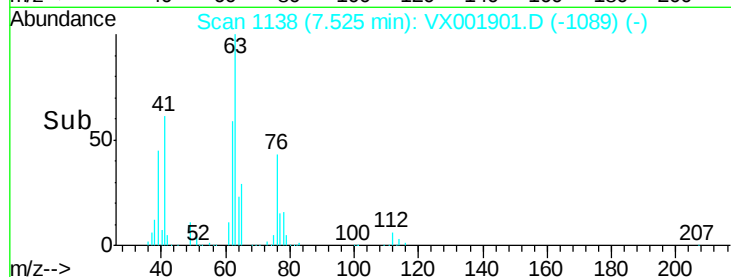
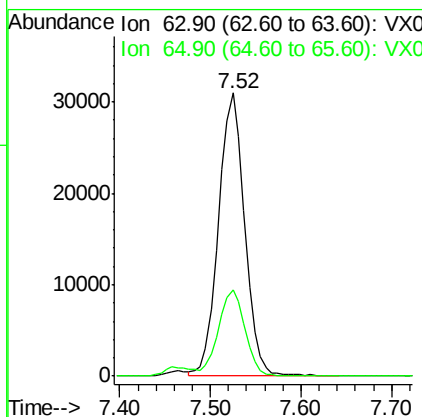
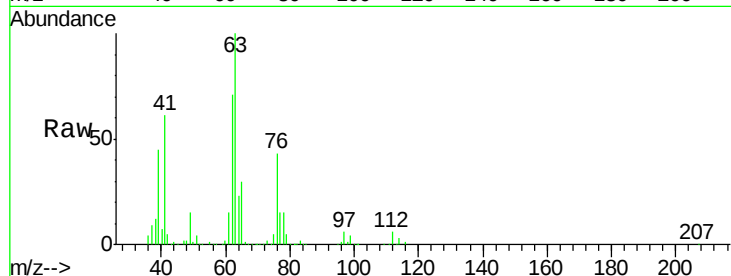
65 30.4 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 21.30 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

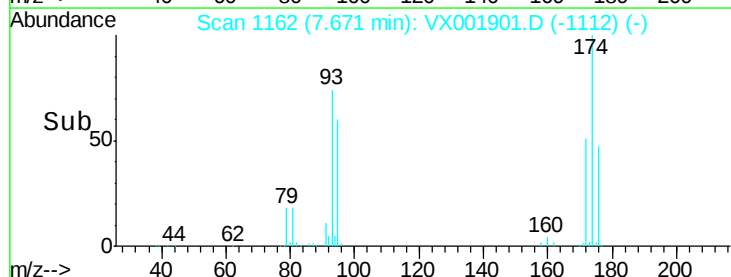
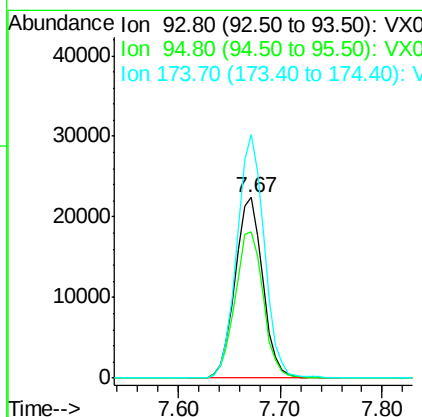
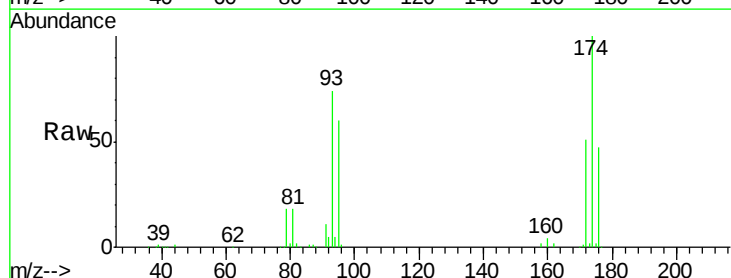
Tgt Ion: 93 Resp: 42057

Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

174 132.9 106.2 159.2





#47

Bromodichloromethane

Concen: 22.32 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

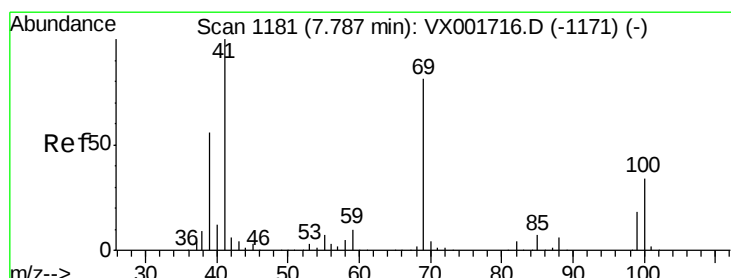
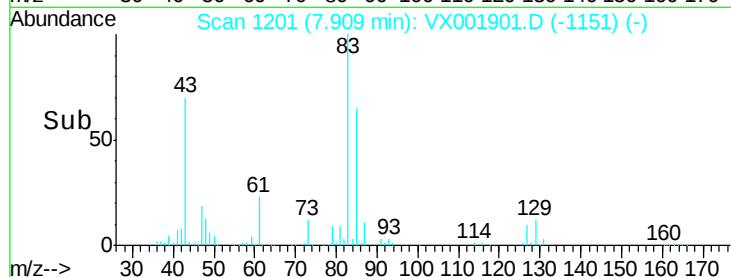
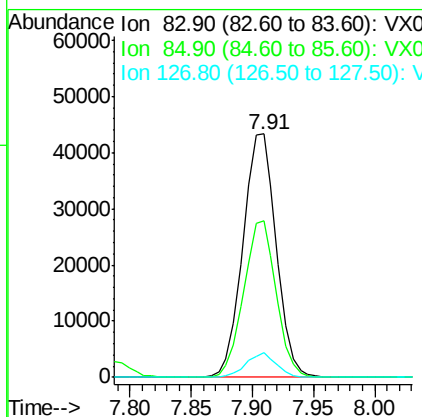
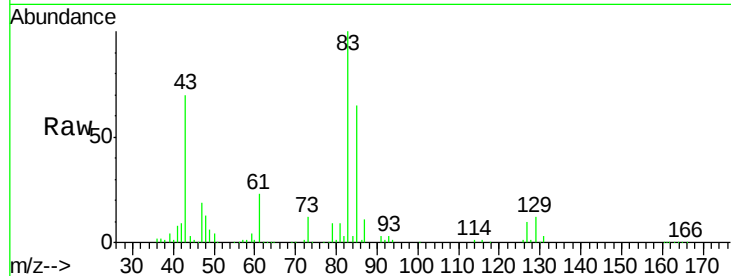
ClientSampleId :

VX0522WBSD01

Tot Ion:	83	Resp:	81783
Ion	Ratio	Lower	Upper
83	100		
85	64.6	49.6	74.4
127	9.9	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.69 ug/l

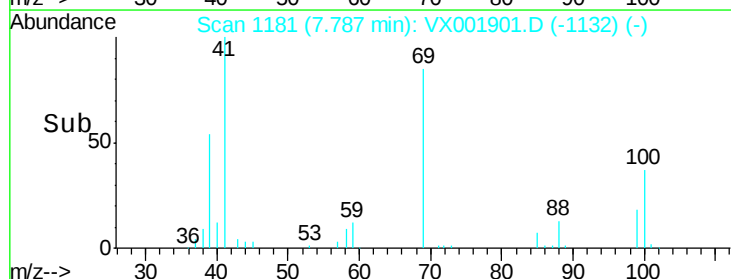
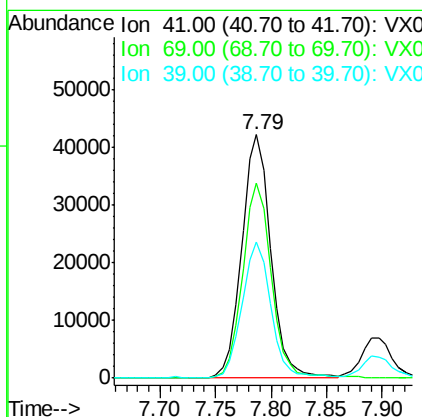
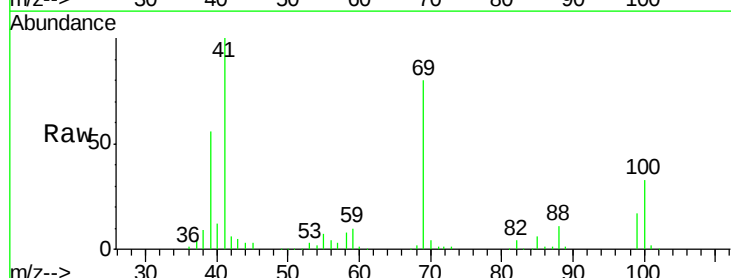
RT: 7.79 min Scan# 1181

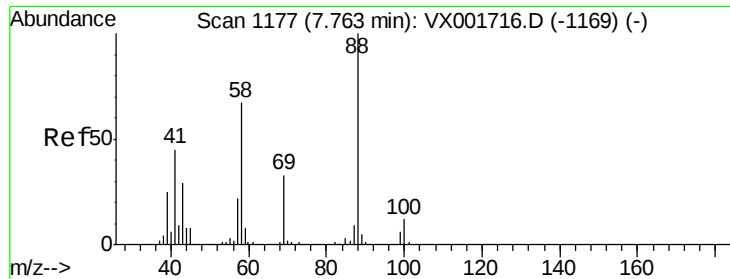
Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Tgt Ion:	41	Resp:	75766
Ion	Ratio	Lower	Upper
41	100		
69	80.3	65.2	97.8
39	55.8	44.5	66.7





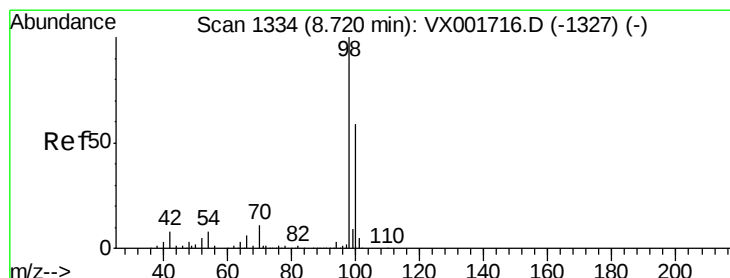
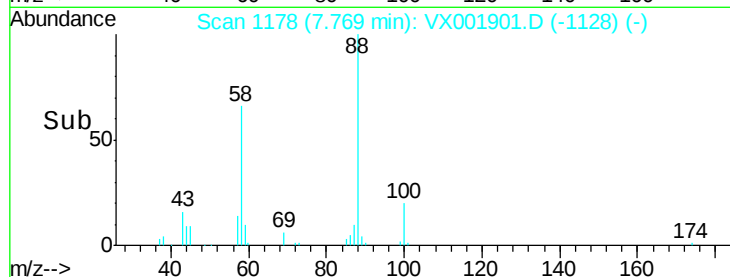
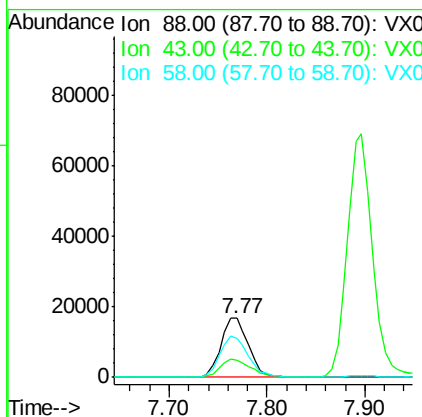
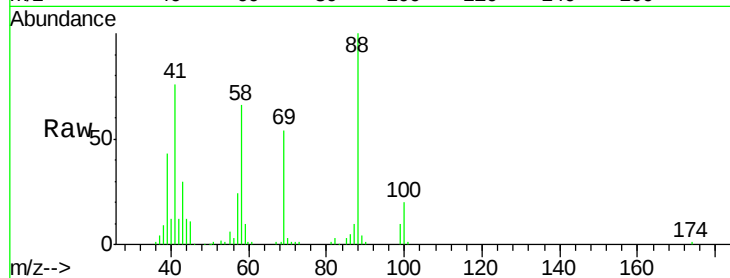
#49
1,4-Dioxane
Concen: 514.02 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.0	27.3	40.9
58	71.6	55.9	83.9

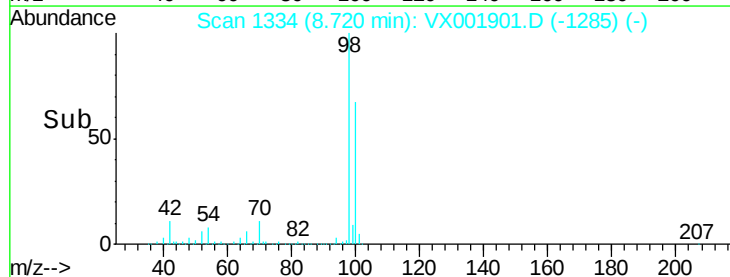
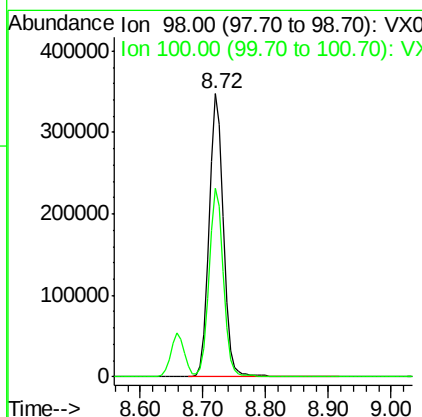
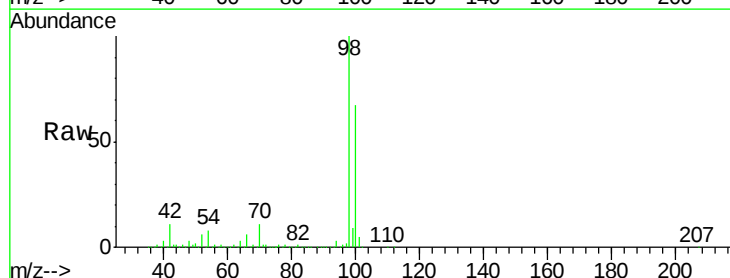
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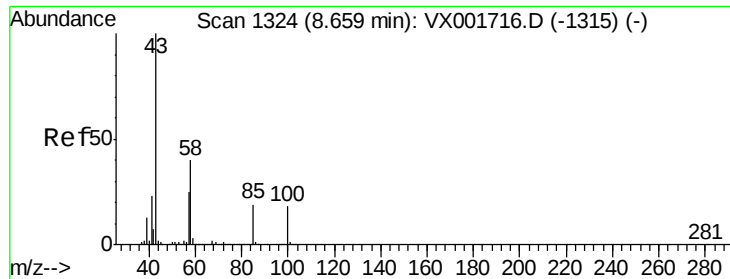
MMDadoda
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#50
Toluene-d8
Concen: 53.56 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	54.0	81.0





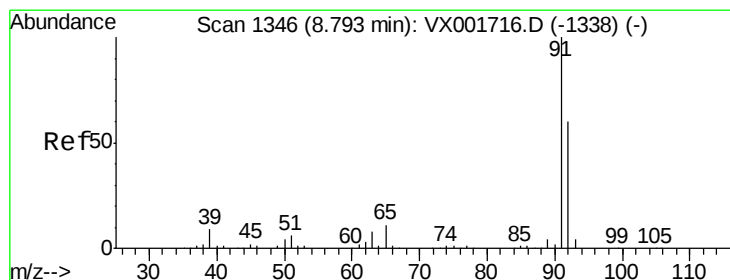
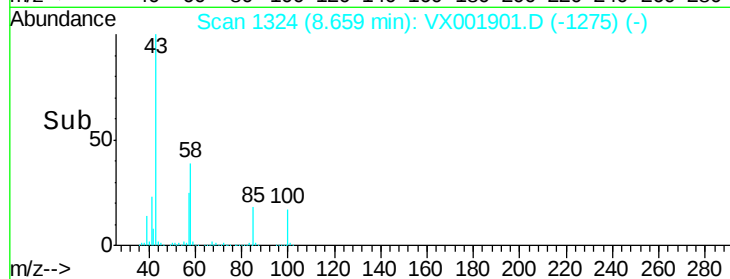
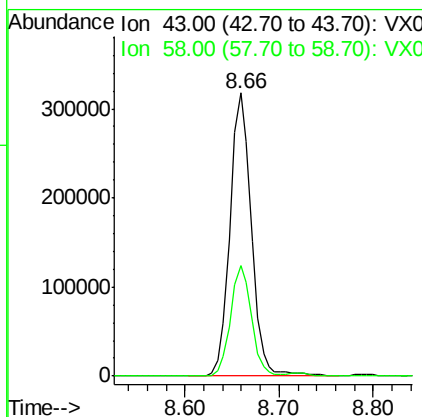
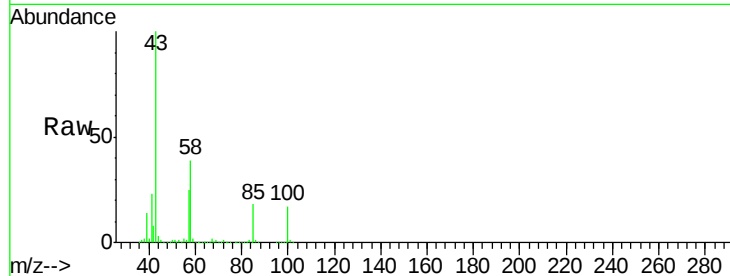
#51
4-Methyl-2-Pentanone
Concen: 124.82 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD01

Tot Ion	43	Resp	501871
Ion Ratio	Lower	Upper	
43	100		
58	38.1	31.4	47.0

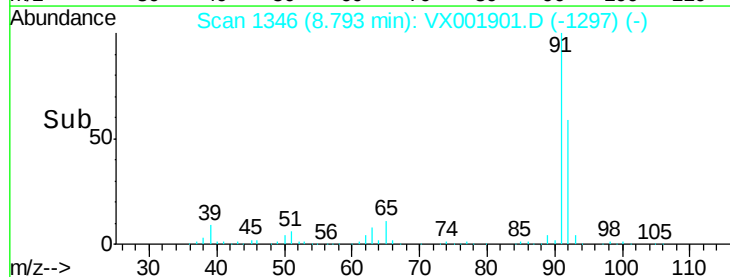
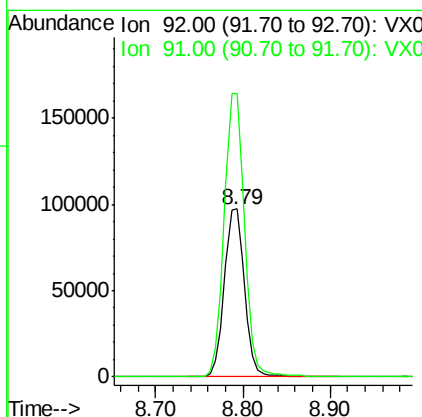
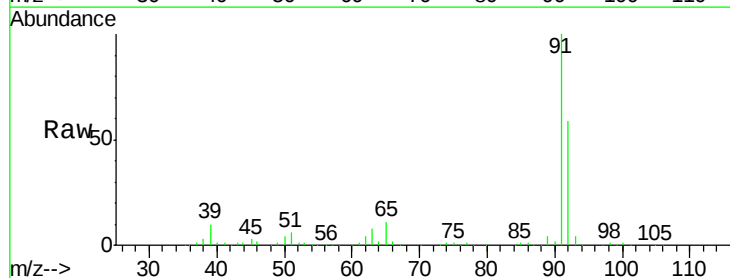
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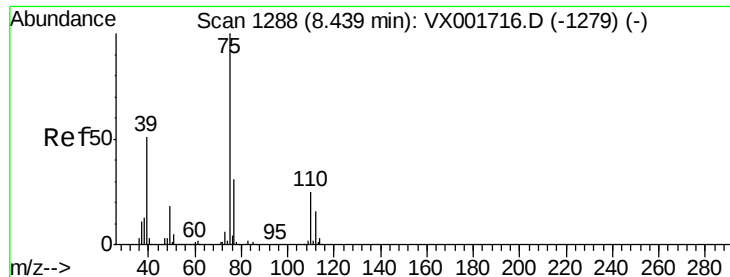
MMDadoda
5/24/2018 11:47:46 AM



#52
Toluene
Concen: 21.18 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion	92	Resp	155947
Ion Ratio	Lower	Upper	
92	100		
91	169.9	135.5	203.3





#53

t-1,3-Dichloropropene

Concen: 21.03 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD01

Tot Ion: 75 Resp: 90678

Ion Ratio Lower Upper

75 100

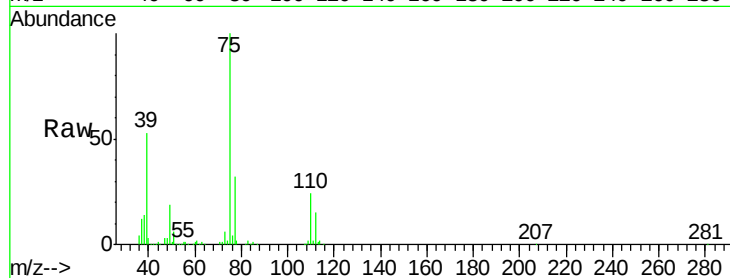
77 32.1 25.0 37.6

Manual Integrations

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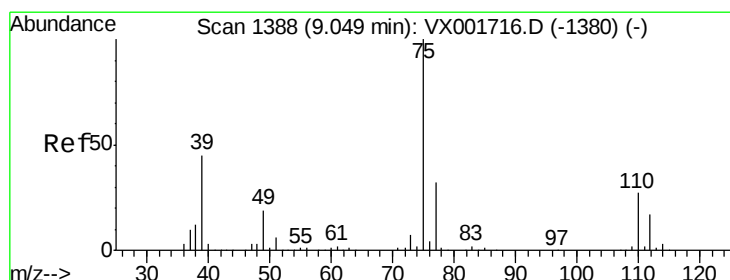
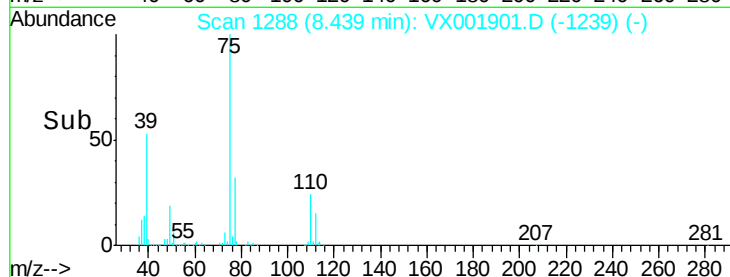
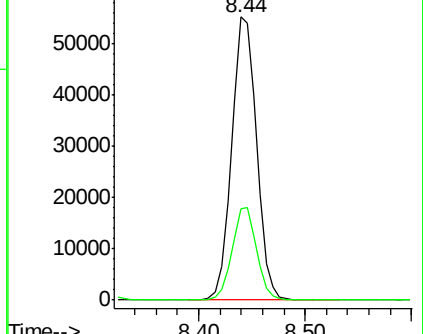
MMDadoda

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.72 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

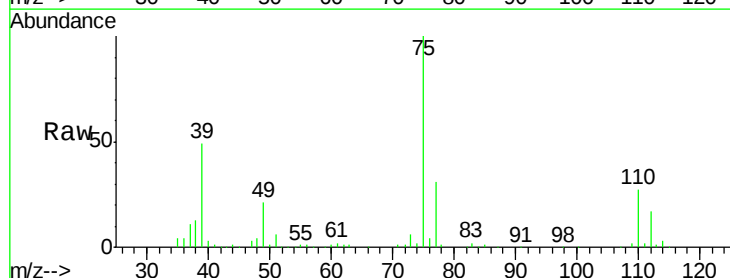
Tgt Ion: 75 Resp: 74924

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2

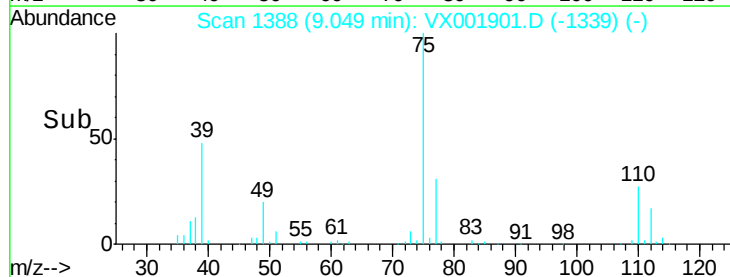
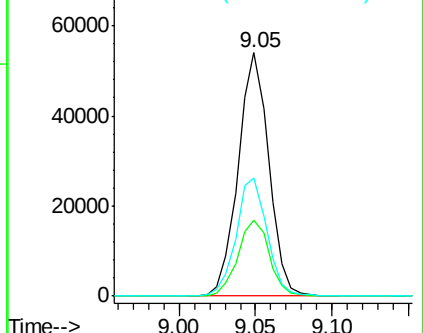
39 48.4 36.1 54.1

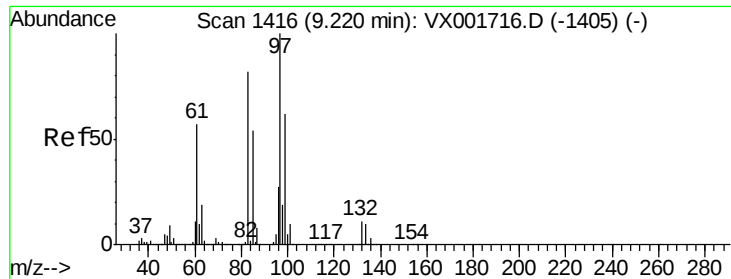


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





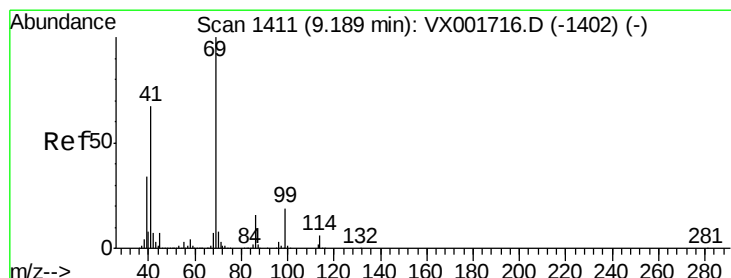
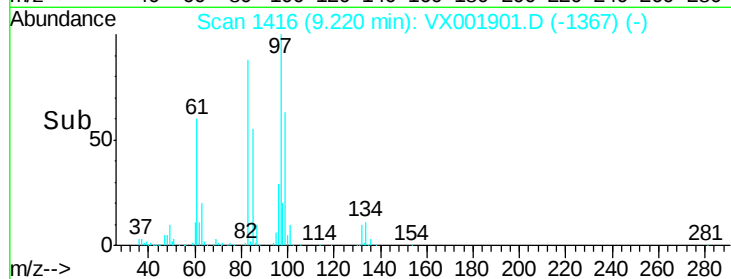
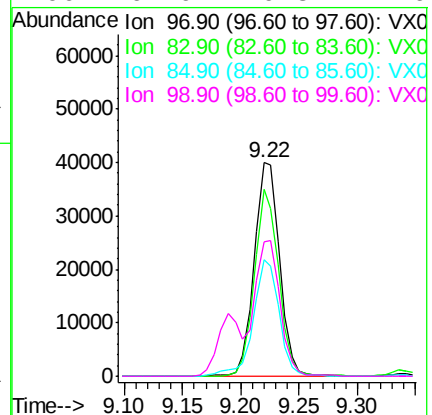
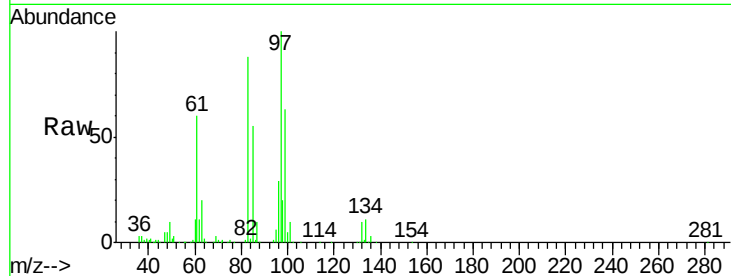
#55
 1,1,2-Trichloroethane
 Concen: 21.67 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBSD01

Tot Ion:	97	Resp:	61002
Ion	Ratio	Lower	Upper
97	100		
83	87.7	65.8	98.8
85	54.6	43.4	65.0
99	62.9	49.8	74.6

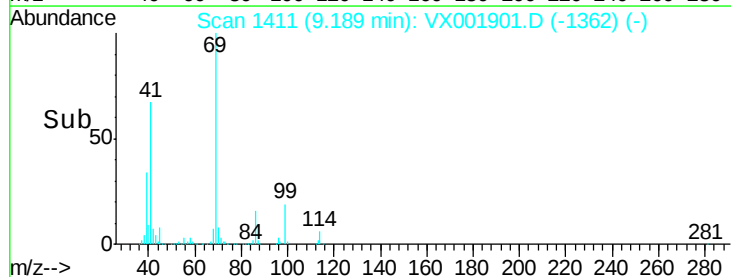
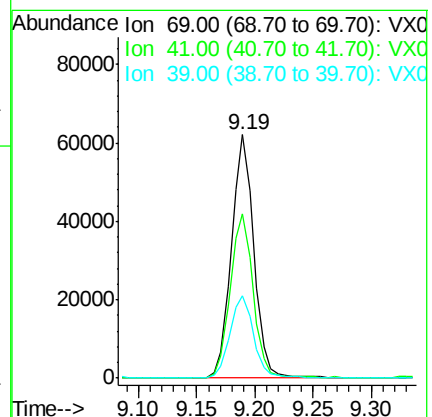
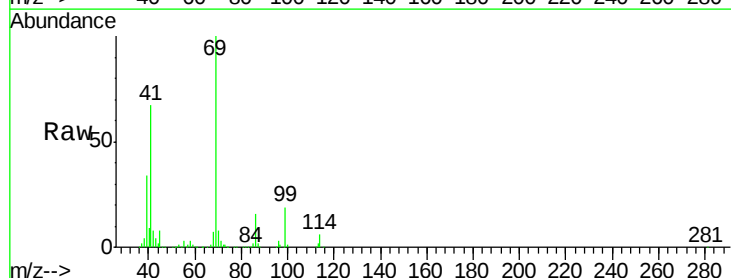
Manual Integrations
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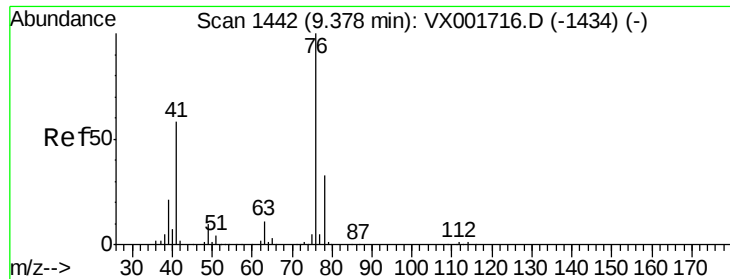
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 20.81 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Tgt Ion:	69	Resp:	83059
Ion	Ratio	Lower	Upper
69	100		
41	68.6	53.5	80.3
39	35.1	27.2	40.8





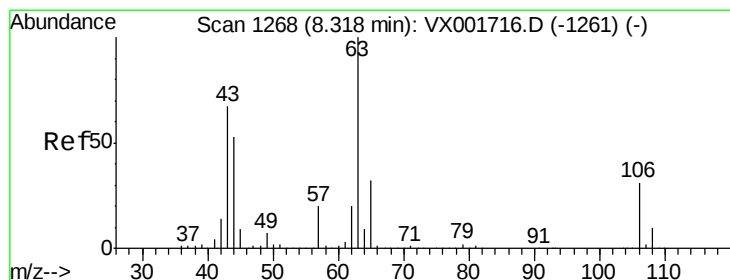
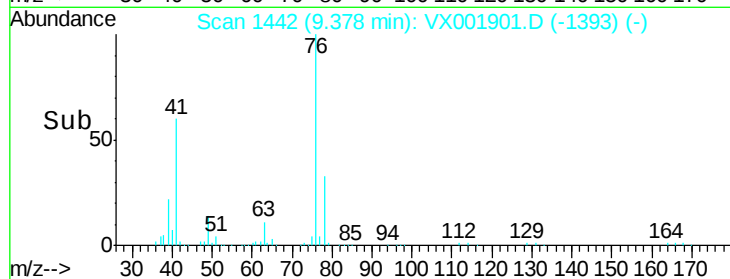
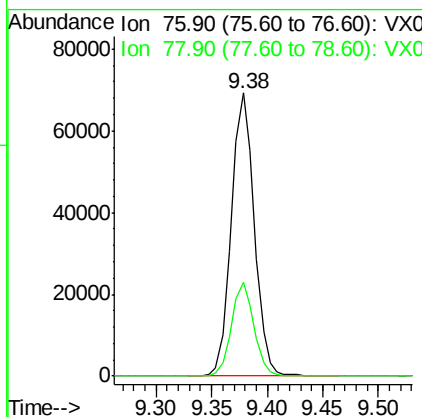
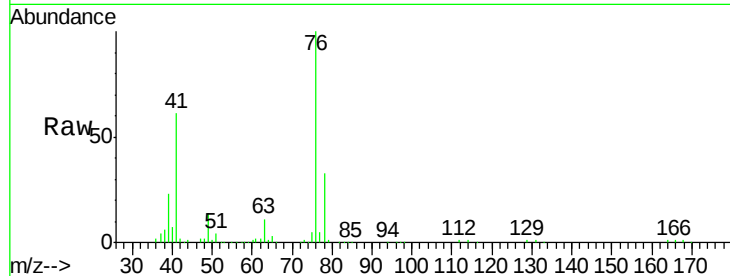
#57
 1,3-Dichloropropane
 Concen: 21.01 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBSD01

Tot Ion: 76 Resp: 99024
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6

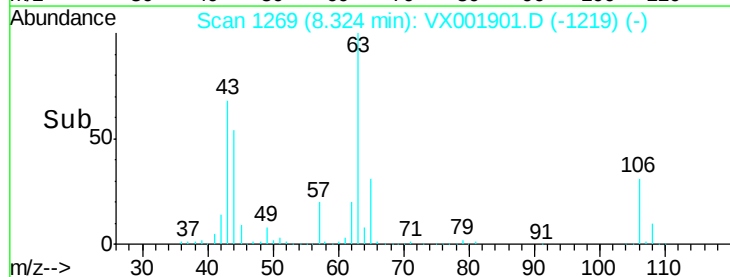
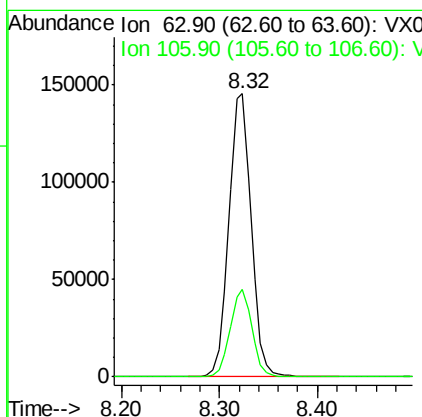
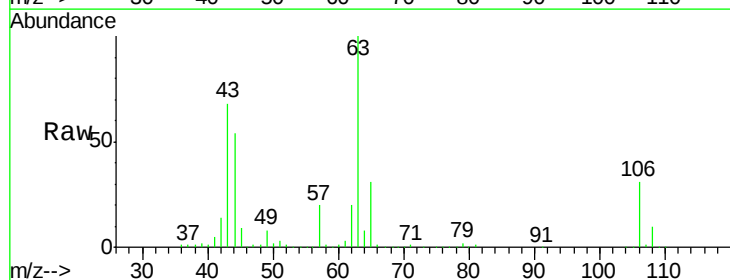
Manual Integrations
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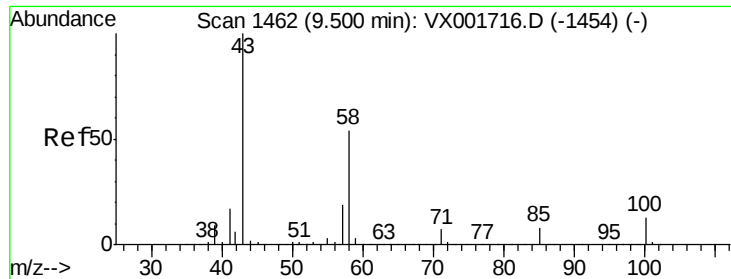
MMDadoda
 5/24/2018 11:47:46 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 112.47 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Tgt Ion: 63 Resp: 230947
 Ion Ratio Lower Upper
 63 100
 106 30.3 25.1 37.7





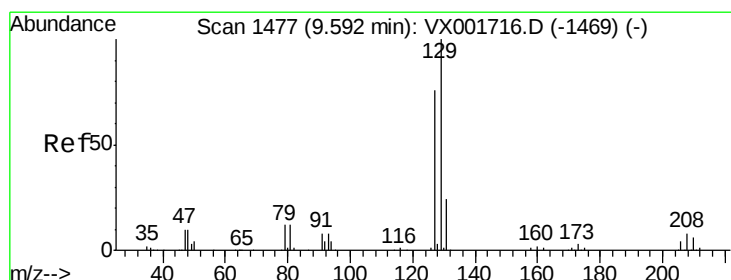
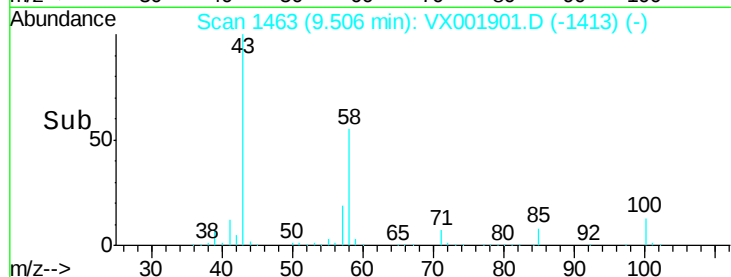
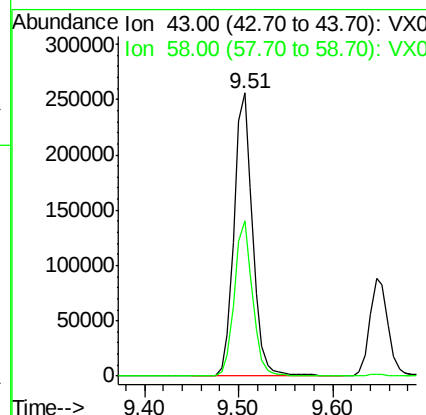
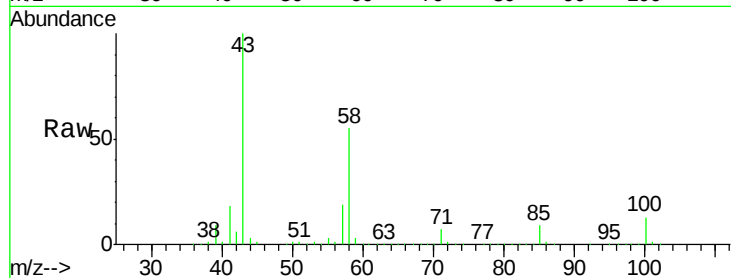
#59
2-Hexanone
Concen: 121.47 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD01

Tot Ion: 43 Resp: 349604
Ion Ratio Lower Upper
43 100
58 53.8 27.7 83.1

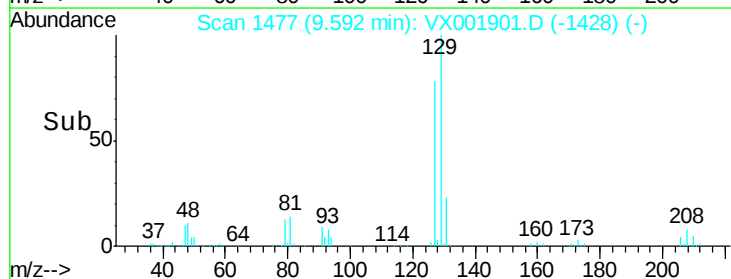
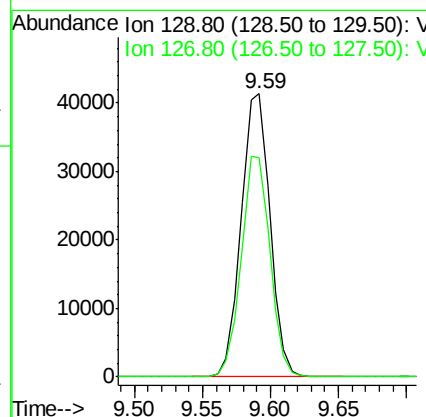
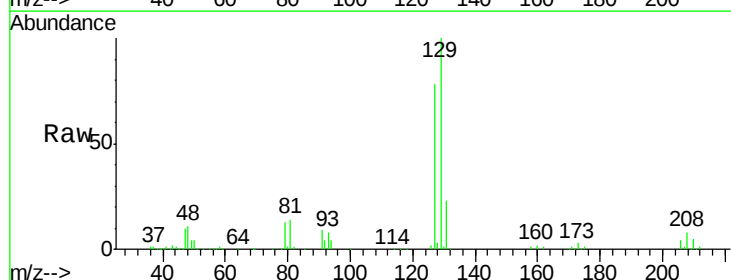
Manual Integrations
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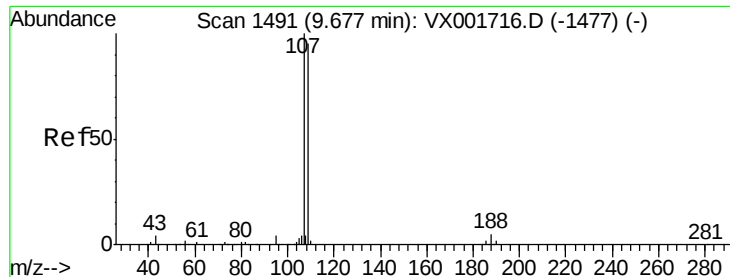
MMDadoda
5/24/2018 11:47:46 AM



#60
Dibromochloromethane
Concen: 21.28 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion: 129 Resp: 61337
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#61

1,2-Dibromoethane

Concen: 21.25 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD01

Tot Ion:107 Resp: 62626

Ion Ratio Lower Upper

107 100

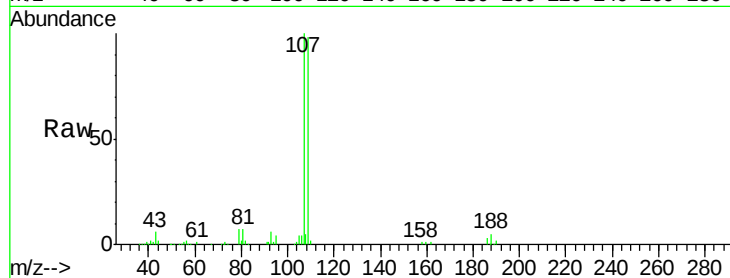
109 94.2 76.2 114.2

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

50000

40000

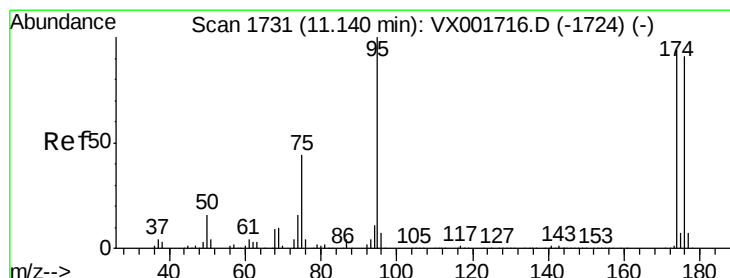
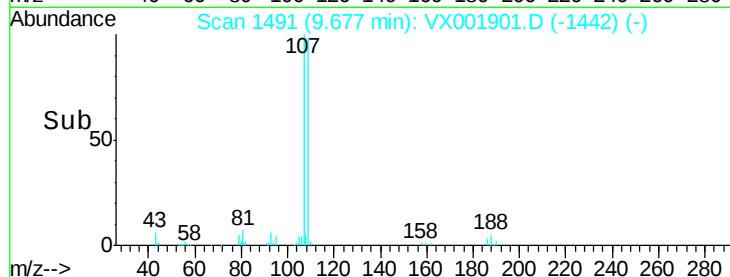
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.33 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

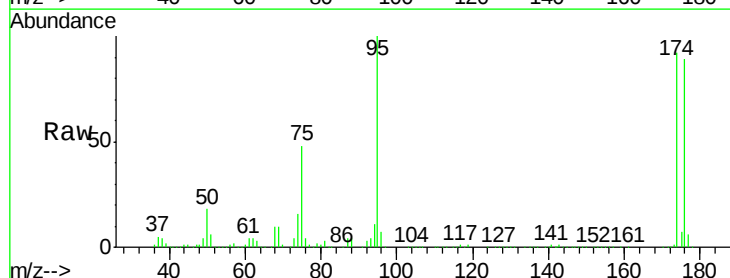
Tgt Ion: 95 Resp: 177704

Ion Ratio Lower Upper

95 100

174 101.8 0.0 201.8

176 99.0 0.0 196.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

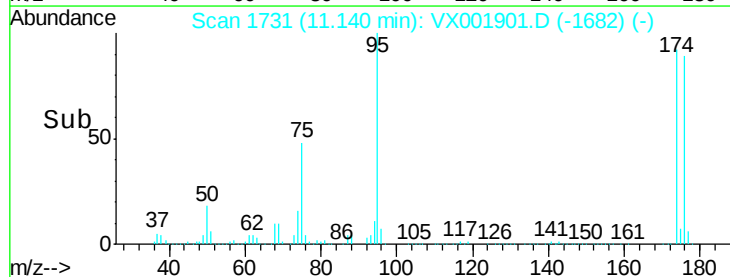
150000

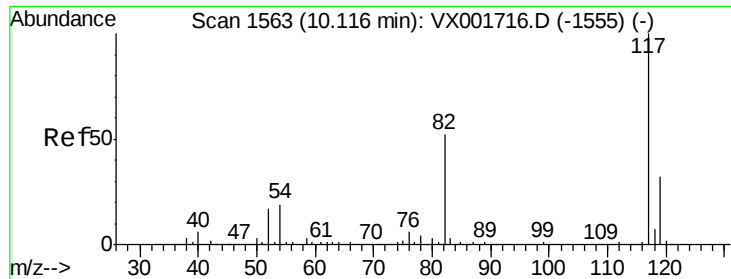
100000

50000

0

Time-->





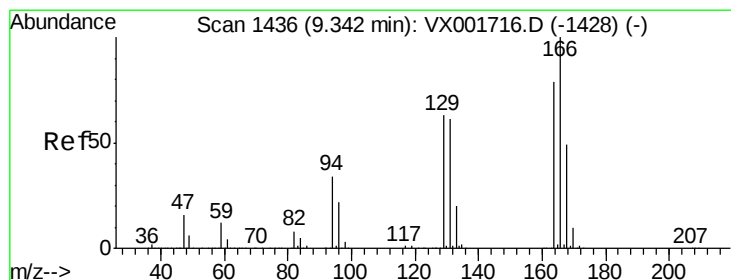
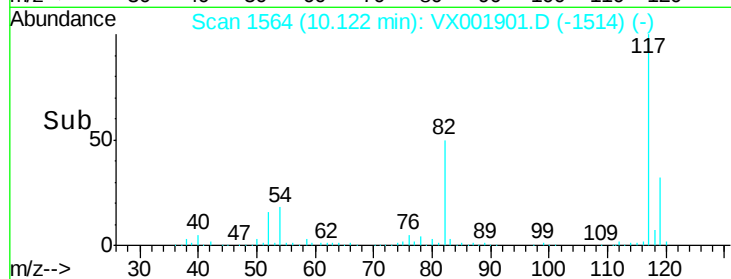
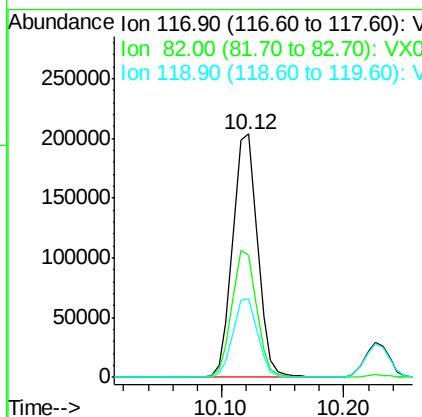
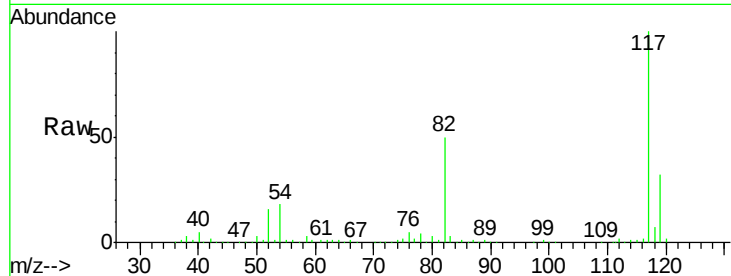
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	286849		
82	50.3		41.4	62.2
119	32.0		25.6	38.4

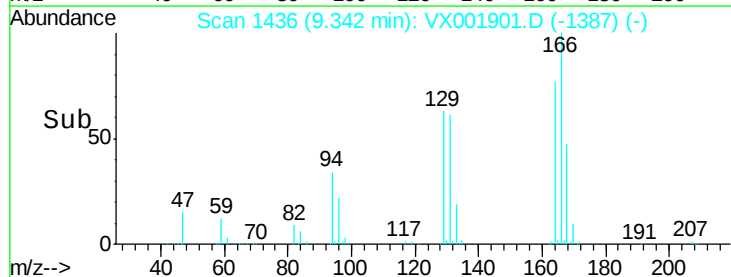
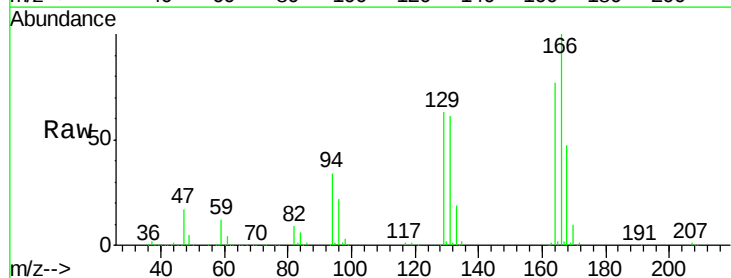
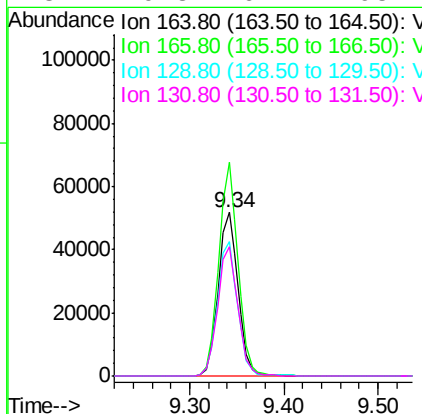
Manual Integrations
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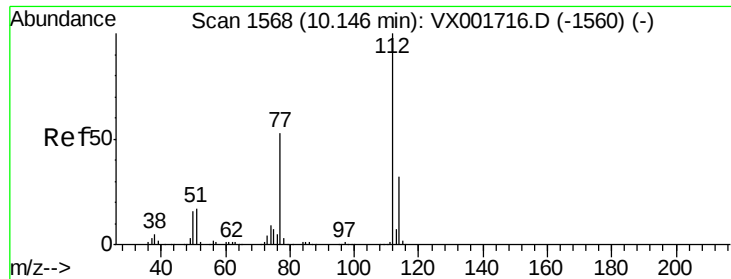
MMDadoda
5/24/2018 11:47:46 AM



#64
Tetrachloroethene
Concen: 20.27 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	75685		
166	130.4		101.8	152.8
129	82.3		63.8	95.6
131	79.3		62.2	93.2





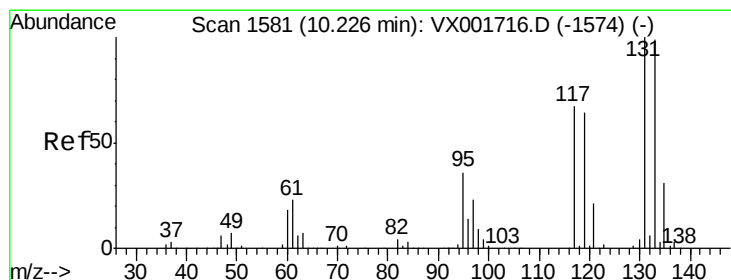
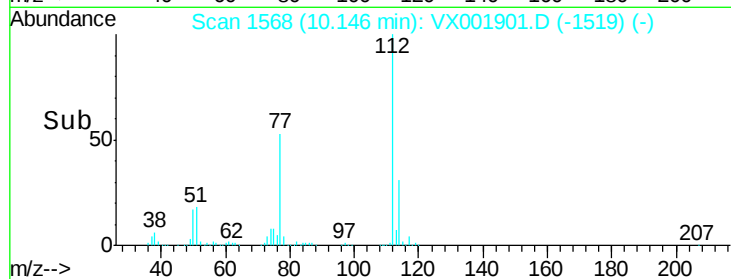
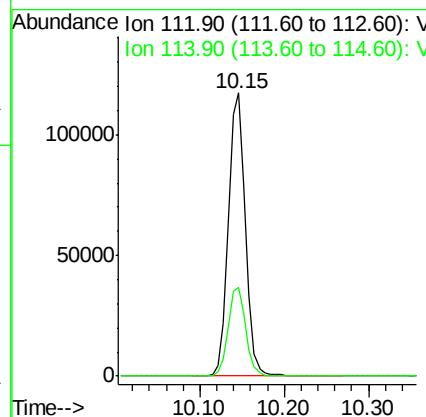
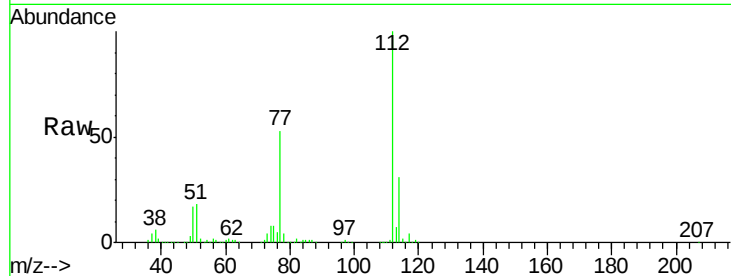
#65
Chlorobenzene
Concen: 20.75 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.6	38.4

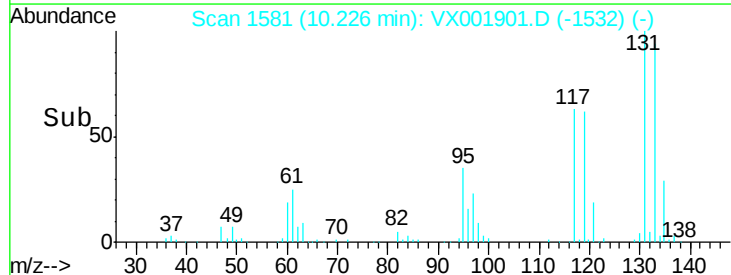
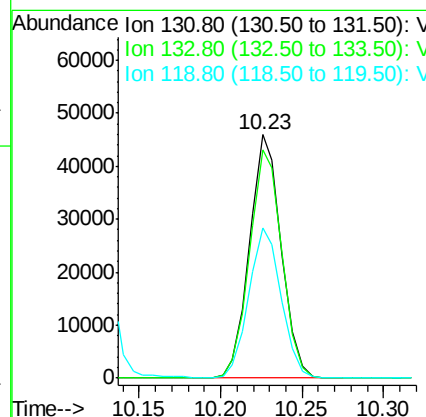
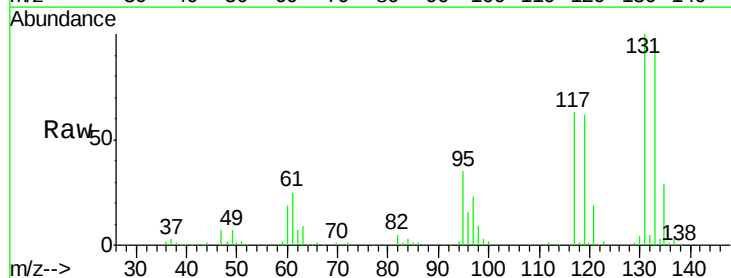
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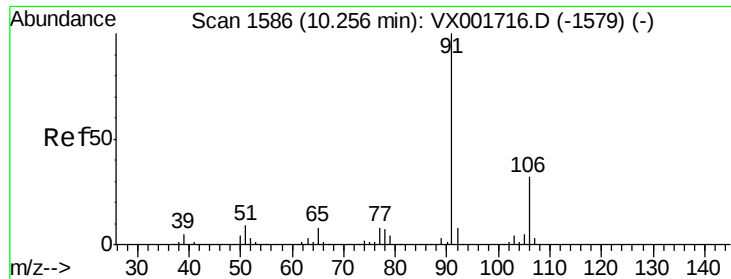
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.28 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	48.5	145.6
119	63.0	31.9	95.5





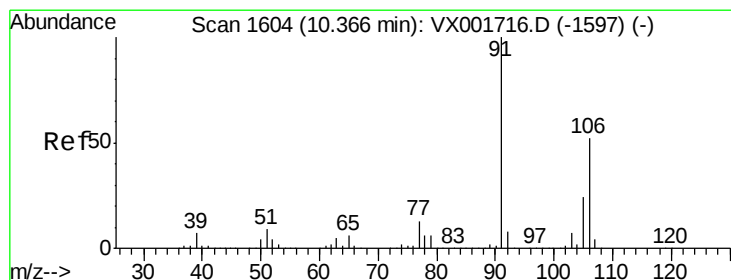
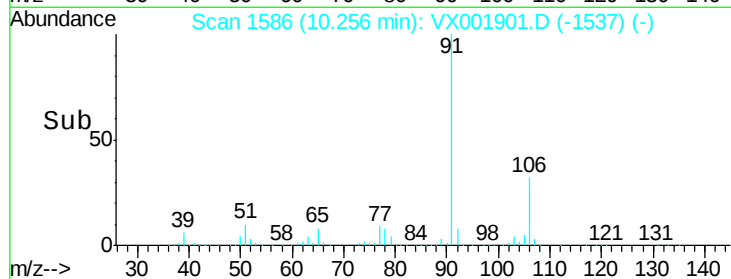
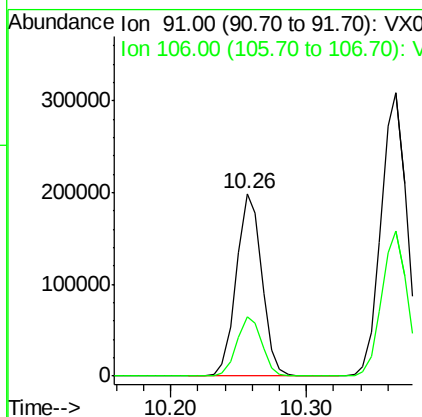
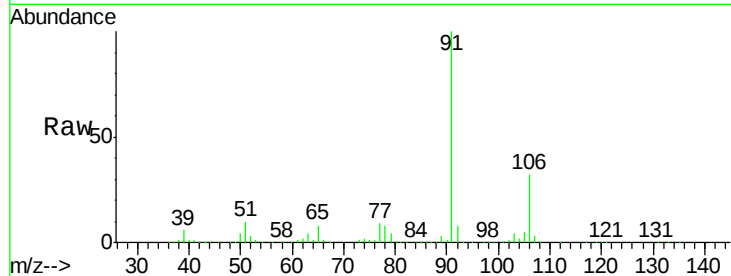
#67
Ethyl Benzene
Concen: 20.64 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Instrument :
MSVOA_X
ClientSampleID :
VX0522WBSD01

Tot Ion: 91 Resp: 260260
Ion Ratio Lower Upper
91 100
106 32.4 25.7 38.5

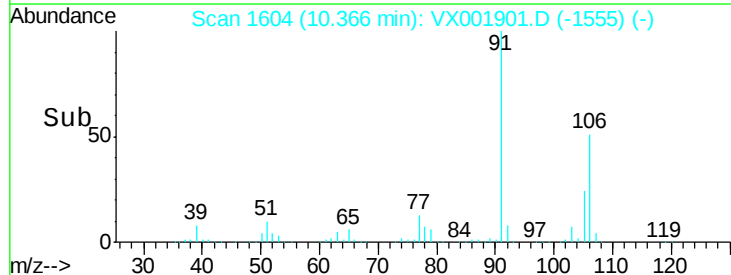
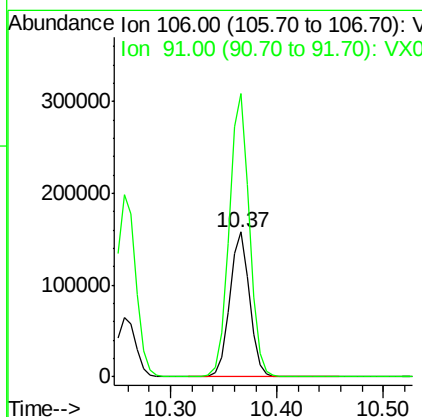
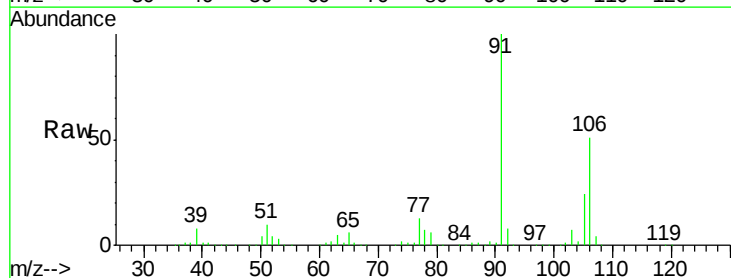
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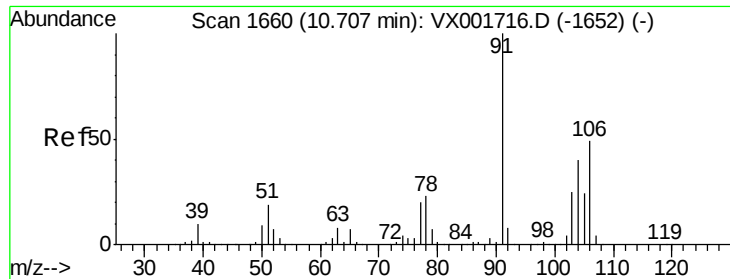
MMDadoda
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#68
m/p-Xylenes
Concen: 41.65 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion: 106 Resp: 207226
Ion Ratio Lower Upper
106 100
91 197.3 155.4 233.2





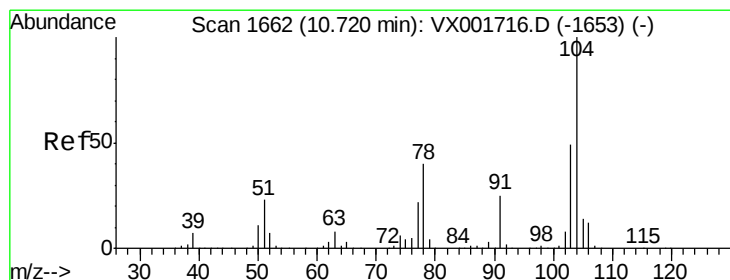
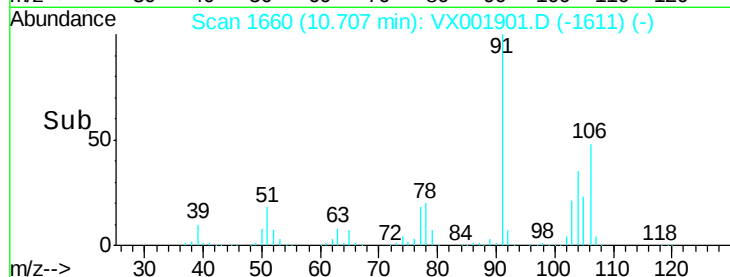
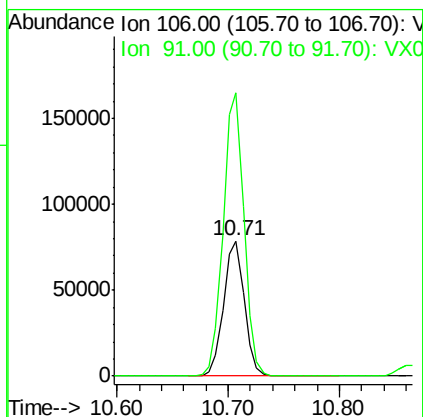
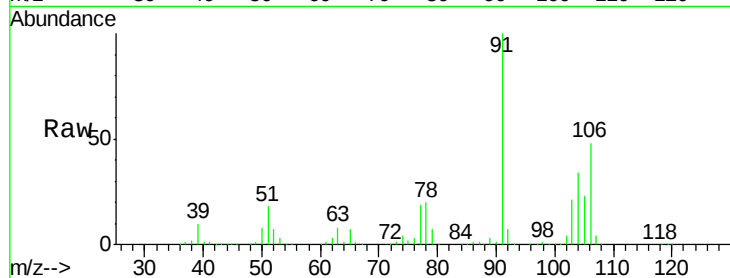
#69
o-Xylene
Concen: 21.28 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Instrument :
MSVOA_X
ClientSampleID :
VX0522WBSD01

Tot Ion:106 Resp: 101401
Ion Ratio Lower Upper
106 100
91 209.7 103.4 310.2

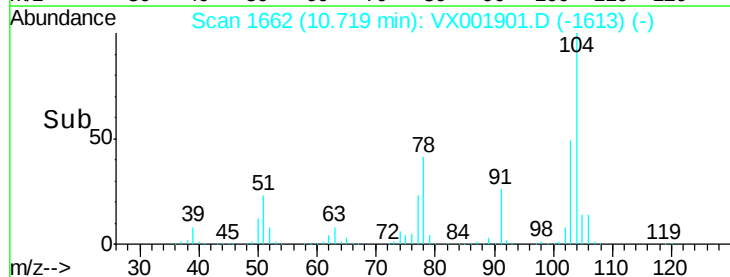
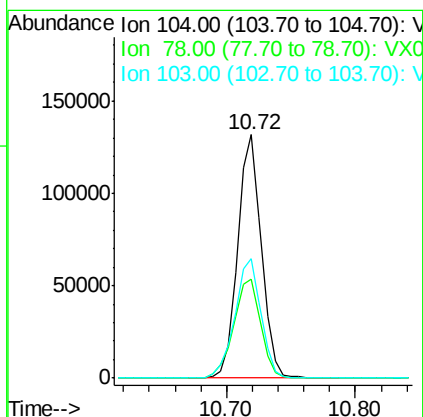
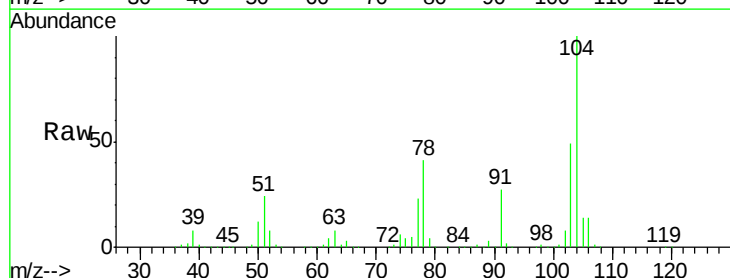
Manual Integrations
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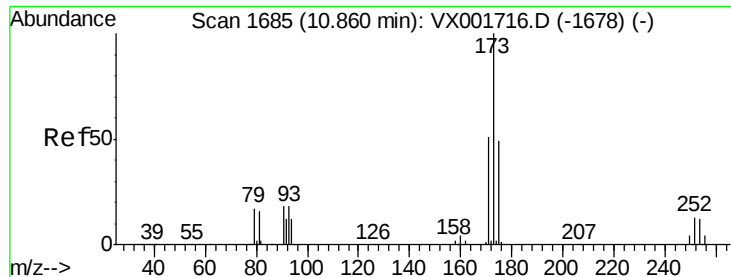
MMDadoda
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#70
Styrene
Concen: 21.37 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion:104 Resp: 167952
Ion Ratio Lower Upper
104 100
78 47.2 37.3 55.9
103 54.5 43.7 65.5





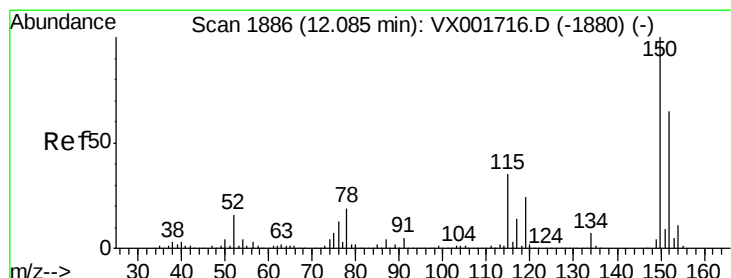
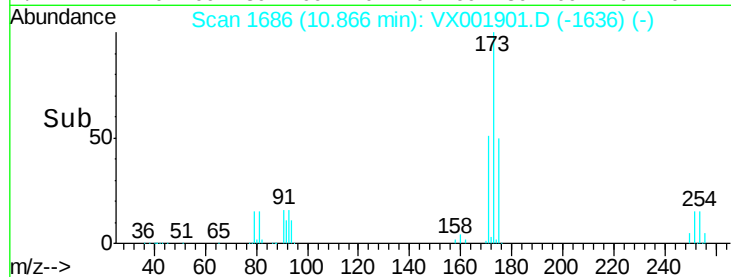
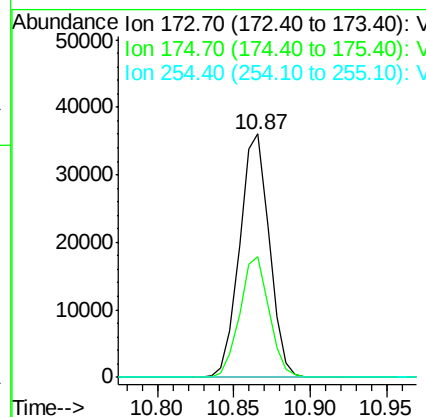
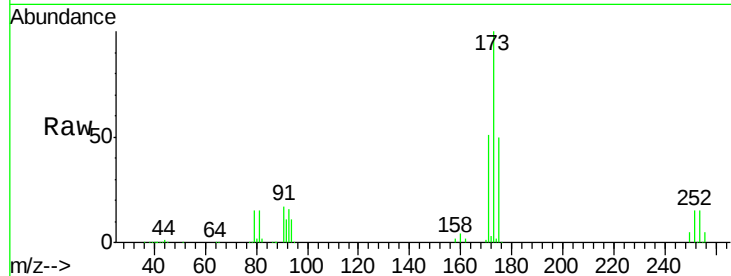
#71
Bromoform
Concen: 20.49 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.3	72.8
254	0.2	0.2	0.2

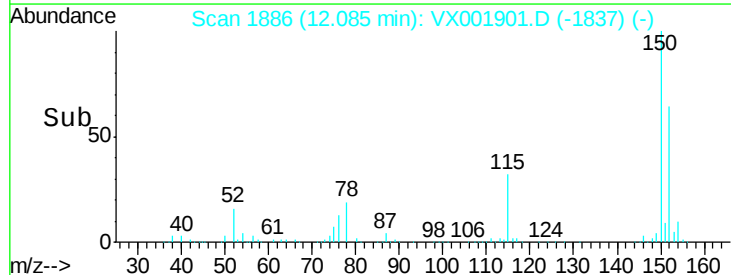
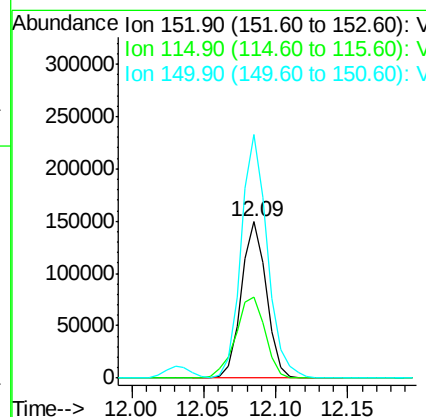
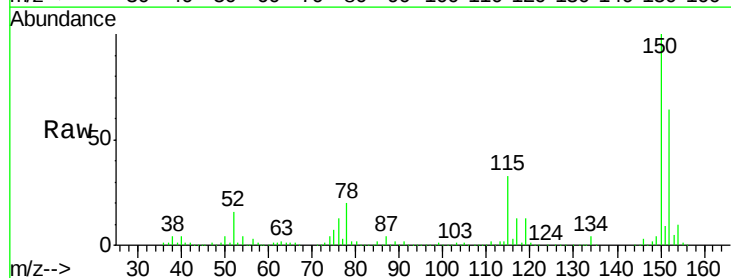
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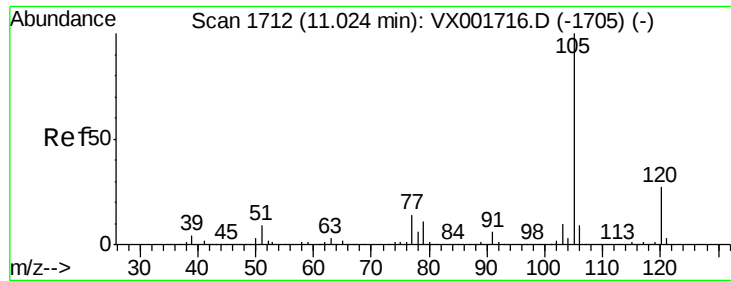
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	37.4	112.2
150	163.3	0.0	344.8





#73

Isopropylbenzene

Concen: 23.30 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD01

Tot Ion: 105 Resp: 277388

Ion Ratio Lower Upper

105 100

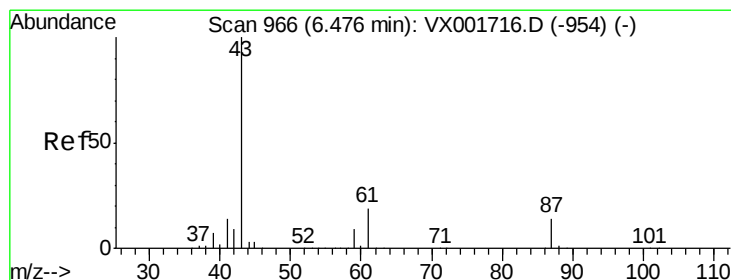
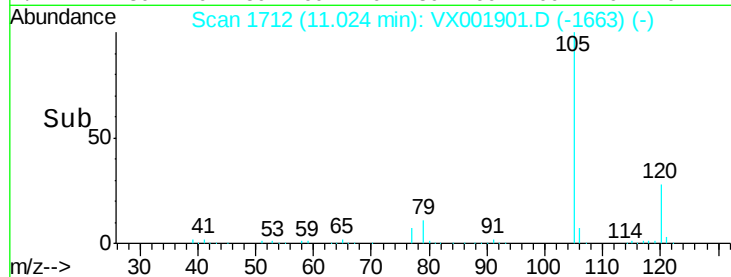
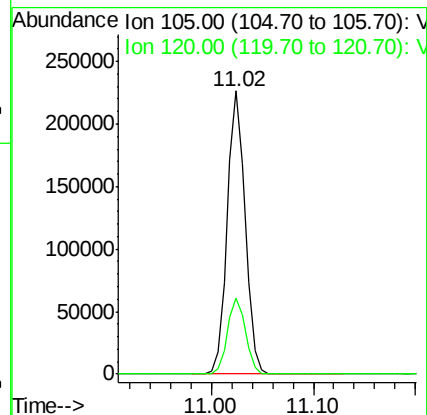
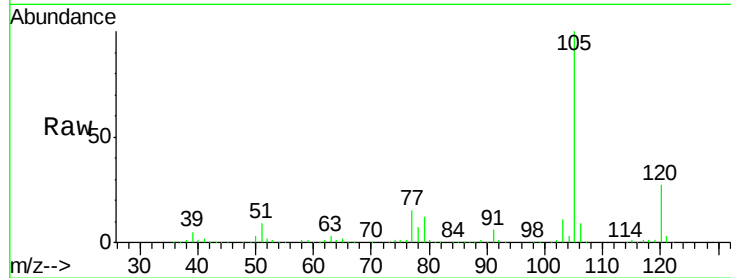
120 27.0 13.8 41.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 24.75 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Tgt Ion: 43 Resp: 141270

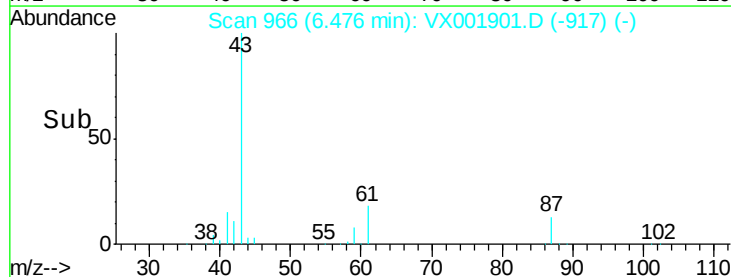
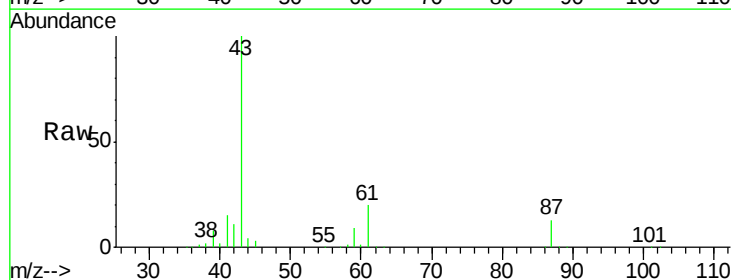
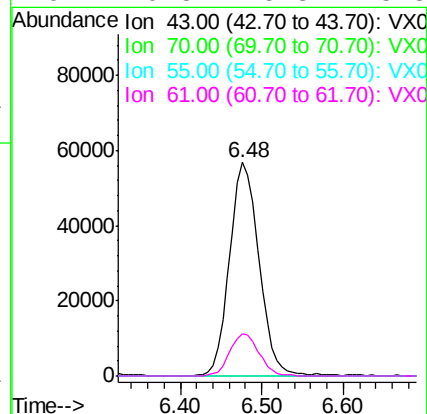
Ion Ratio Lower Upper

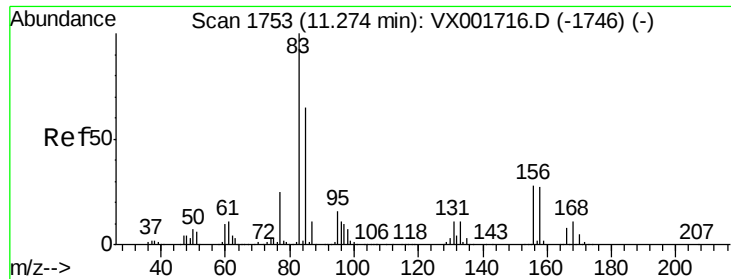
43 100

70 0.0 0.0 0.0

55 0.2 0.1 0.1#

61 19.8 15.8 23.8





#75

1,1,2,2-Tetrachloroethane

Concen: 24.47 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

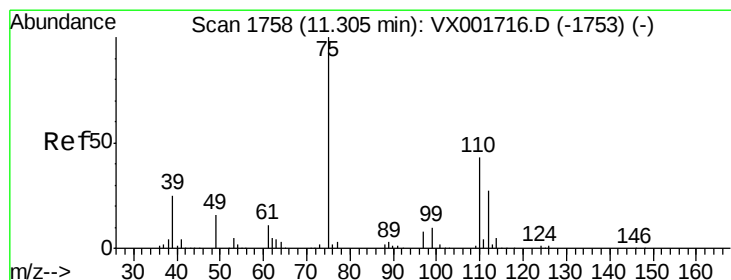
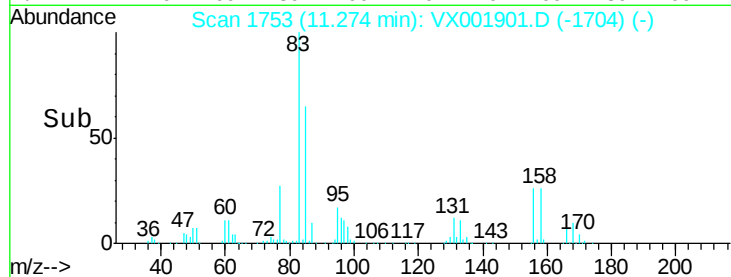
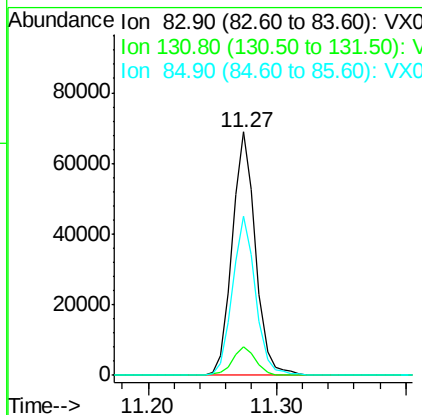
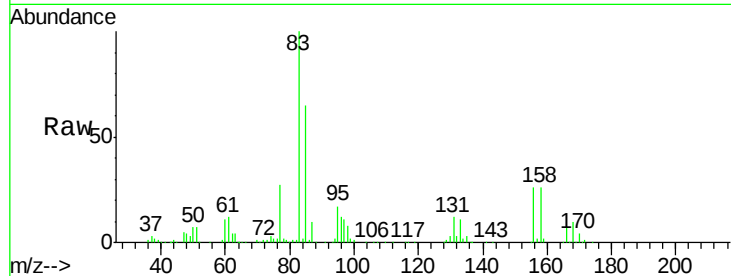
ClientSampleId :

VX0522WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.7	17.0
85	64.8	32.7	98.1

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 24.62 ug/l m

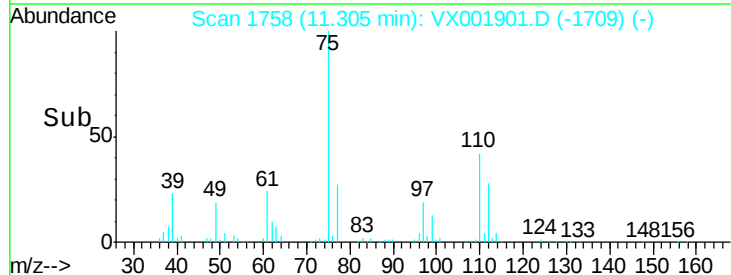
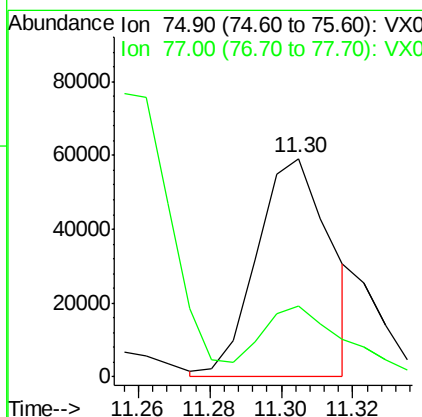
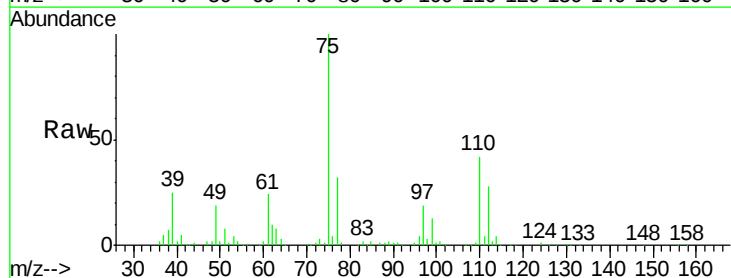
RT: 11.30 min Scan# 1758

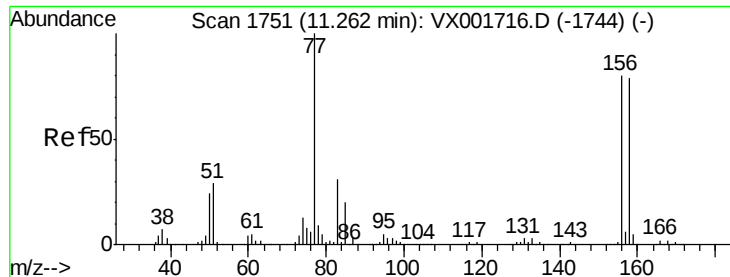
Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	36.4	18.9	56.7





#77

Bromobenzene

Concen: 22.75 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

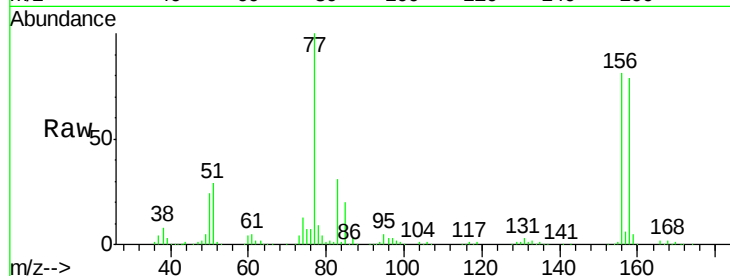
ClientSampleId :

VX0522WBSD01

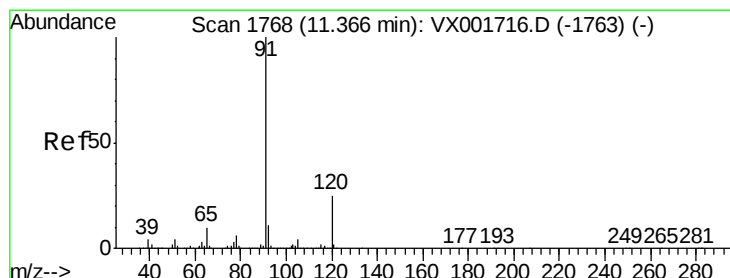
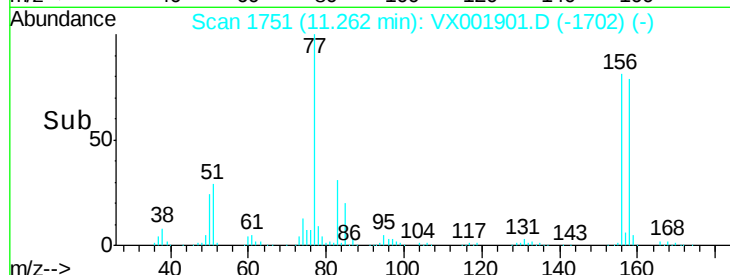
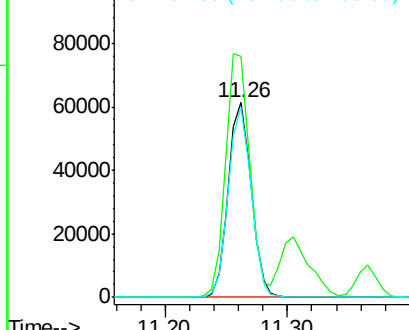
Tot Ion:	156	Resp:	79581
Ion Ratio	Lower	Upper	
156	100		
77	131.9	65.3	196.0
158	96.8	49.1	147.3

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.26 ug/l

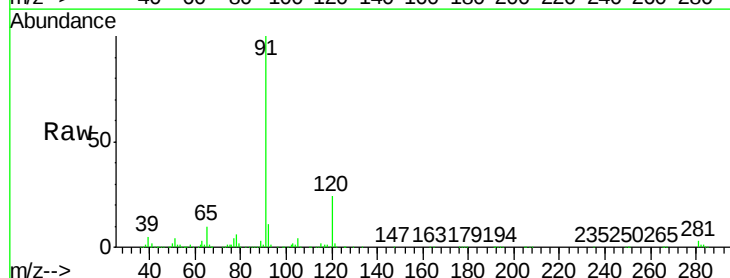
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

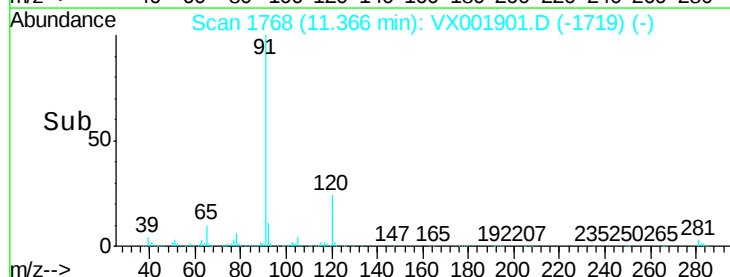
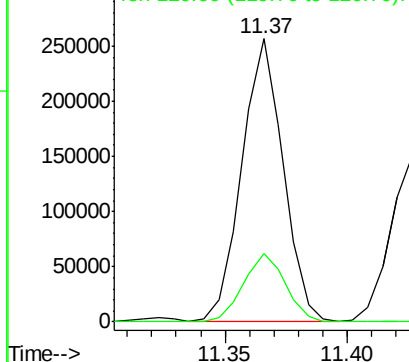
Lab File: VX001901.D

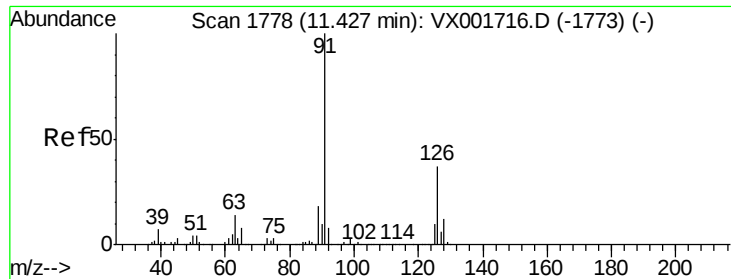
Acq: 22 May 2018 18:43

Tgt Ion:	91	Resp:	298537
Ion Ratio	Lower	Upper	
91	100		
120	24.6	12.5	37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.89 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD01

Tot Ion: 91 Resp: 183555

Ion Ratio Lower Upper

91 100

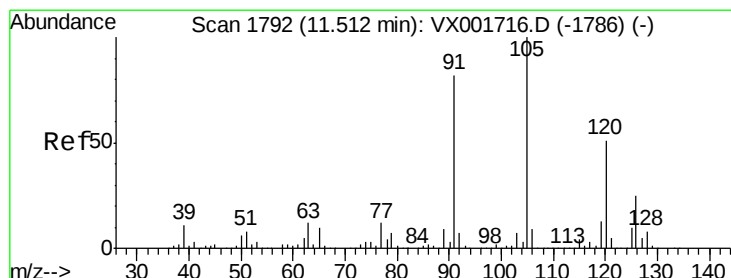
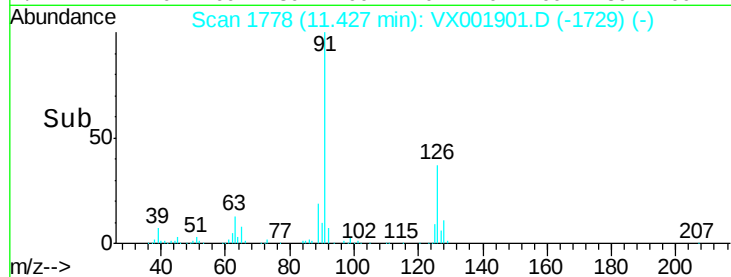
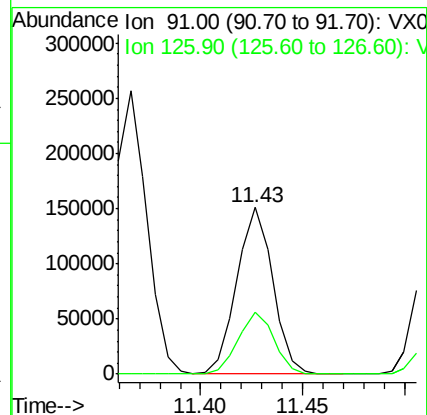
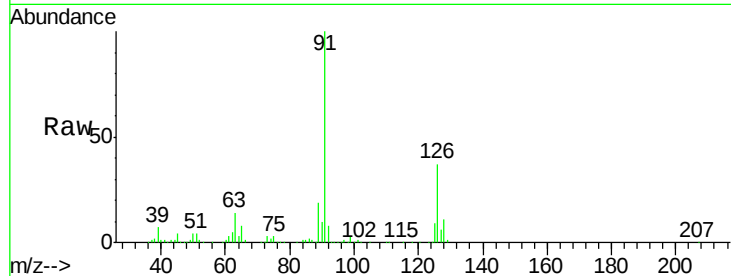
126 37.2 18.4 55.4

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#80

1,3,5-Trimethylbenzene

Concen: 23.16 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001901.D

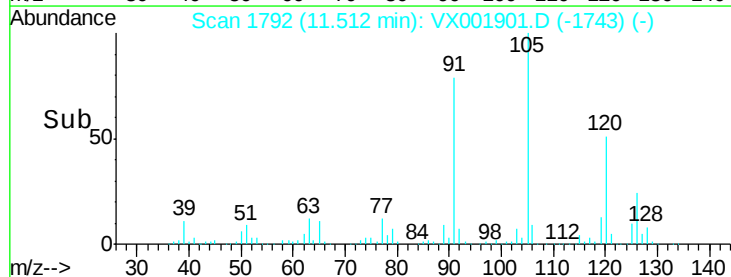
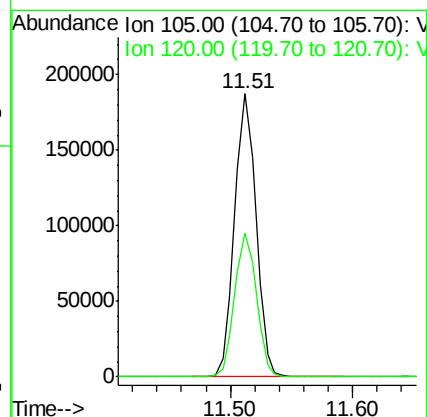
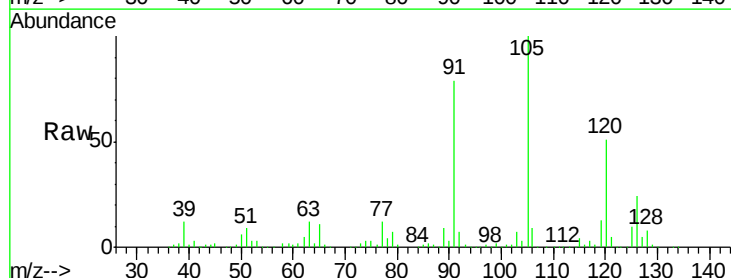
Acq: 22 May 2018 18:43

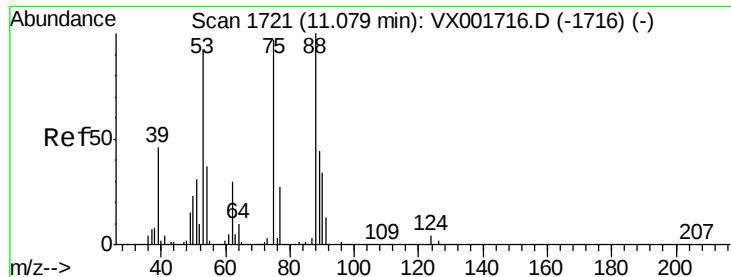
Tgt Ion: 105 Resp: 226122

Ion Ratio Lower Upper

105 100

120 51.9 25.7 77.0





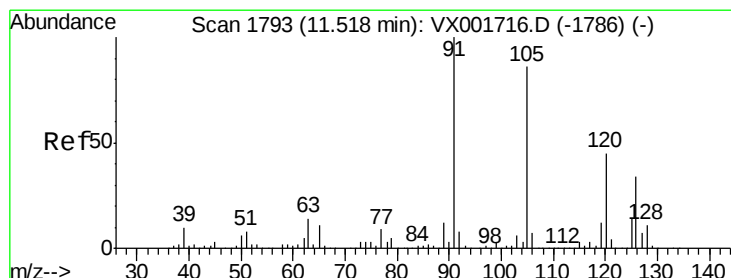
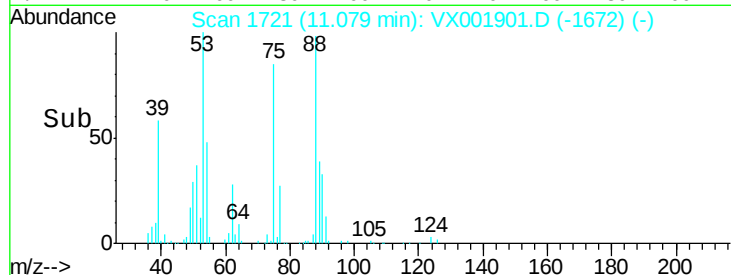
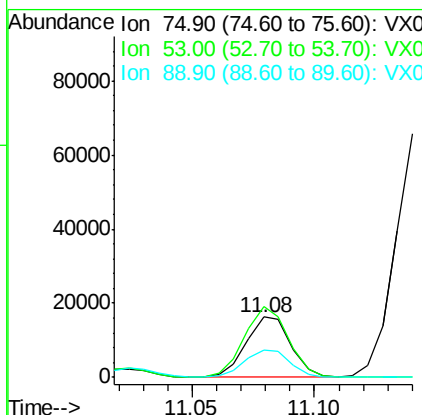
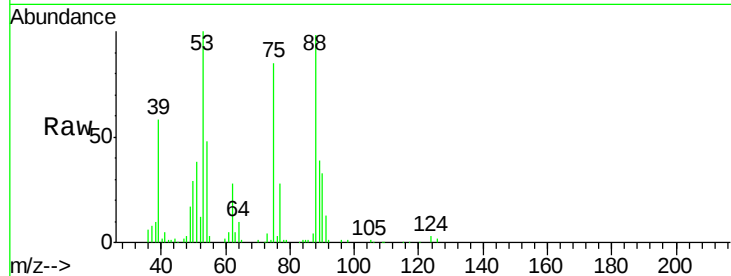
#81
trans-1,4-Dichloro-2-butene
Concen: 20.09 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	115.4	79.4	119.2
89	46.8	38.8	58.2

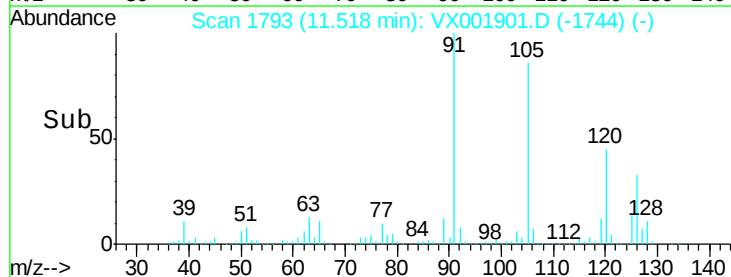
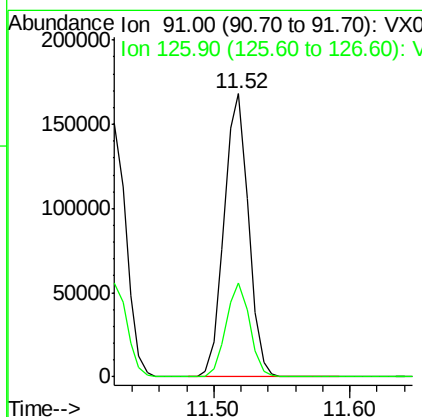
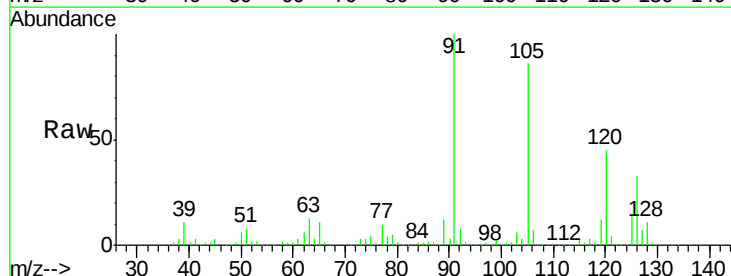
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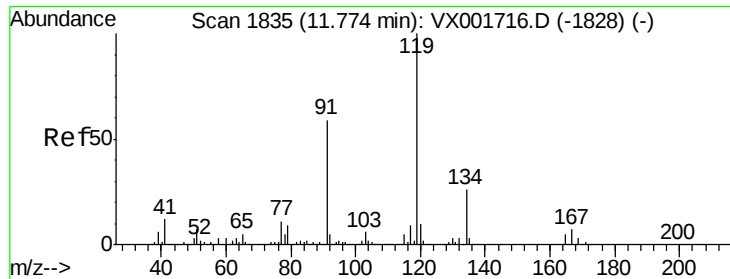
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#82
4-Chlorotoluene
Concen: 22.14 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.4	49.1





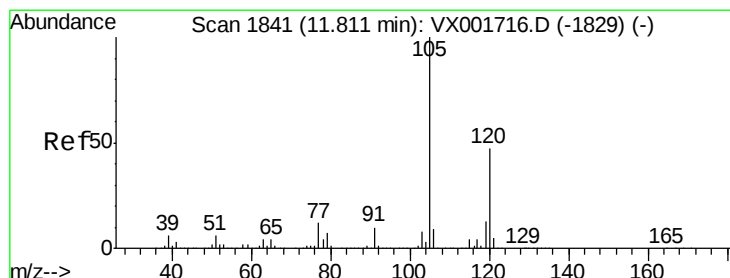
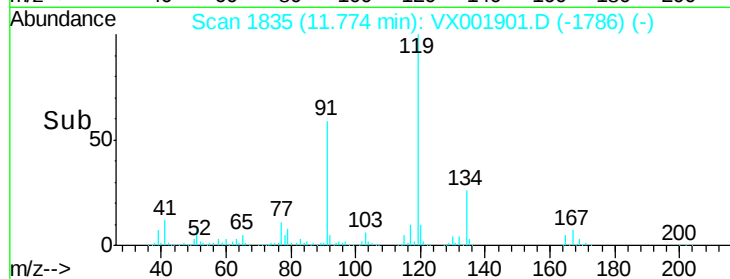
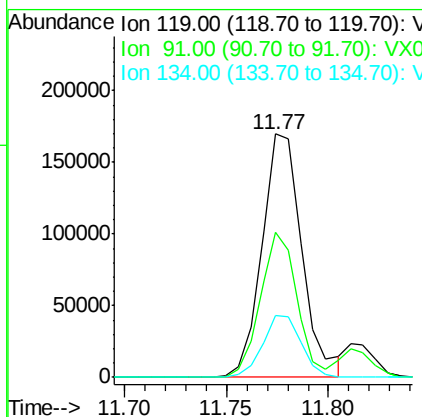
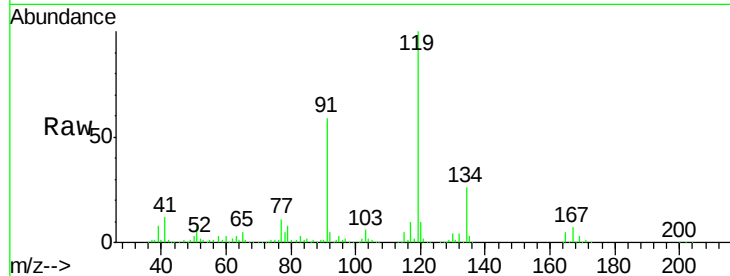
#83
 tert-Butylbenzene
 Concen: 23.94 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	232696		
91	54.4		27.7	83.0
134	24.5		12.7	38.1

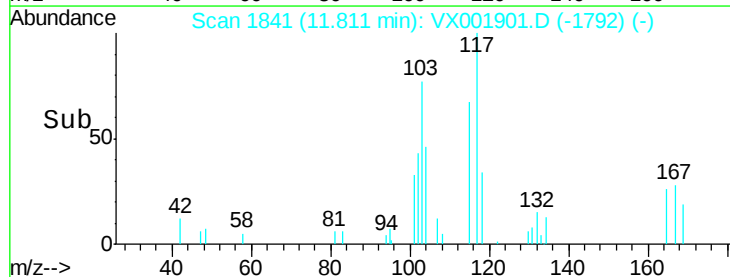
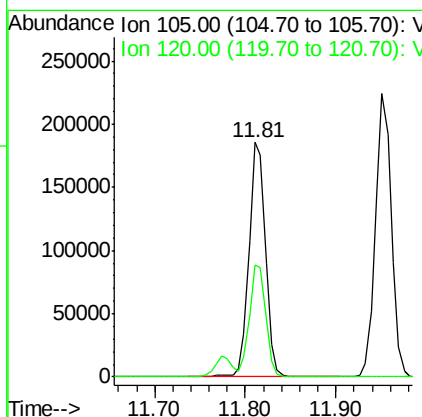
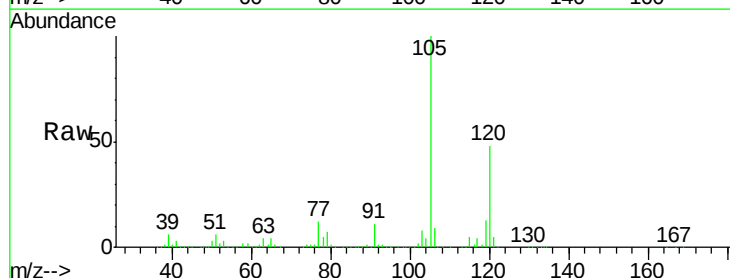
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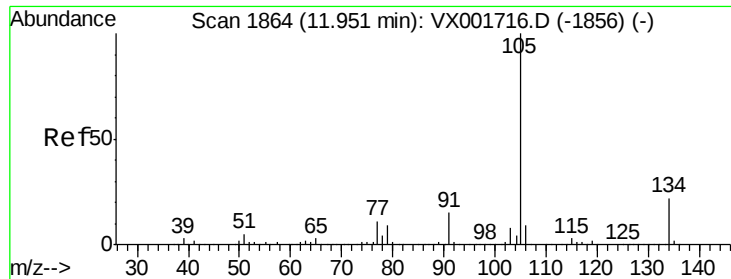
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#84
 1,2,4-Trimethylbenzene
 Concen: 23.14 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	234032		
120	47.0		23.5	70.5





#85

sec-Butylbenzene

Concen: 22.67 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD01

Tot Ion:105 Resp: 271917

Ion Ratio Lower Upper

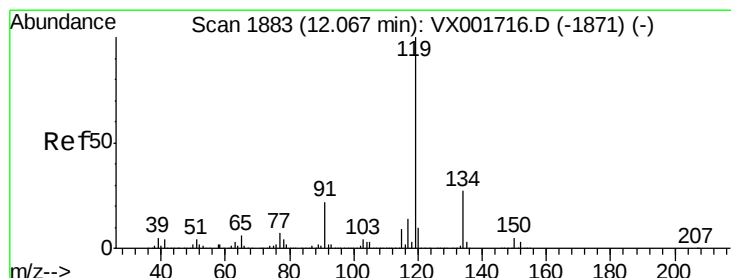
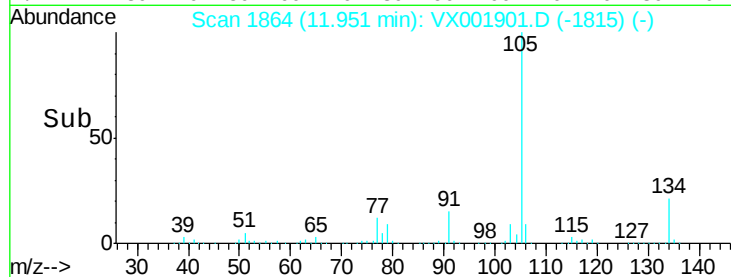
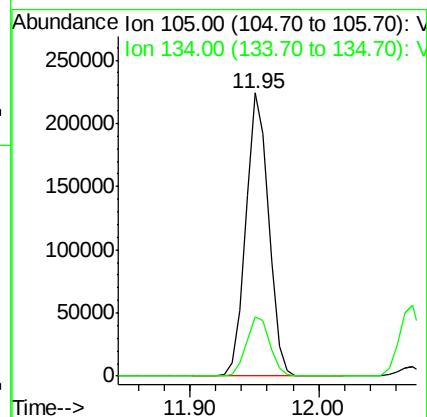
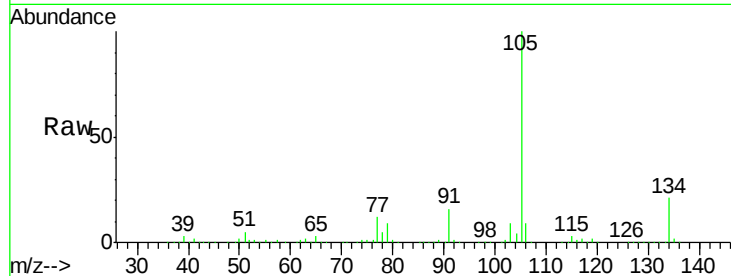
105 100

134 21.6 10.9 32.6

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#86

p-Isopropyltoluene

Concen: 22.20 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

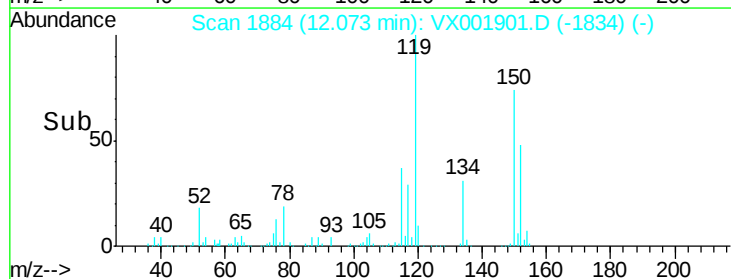
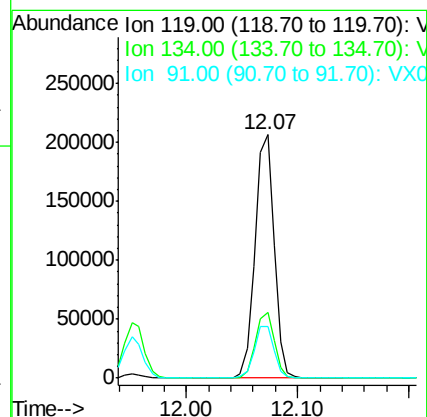
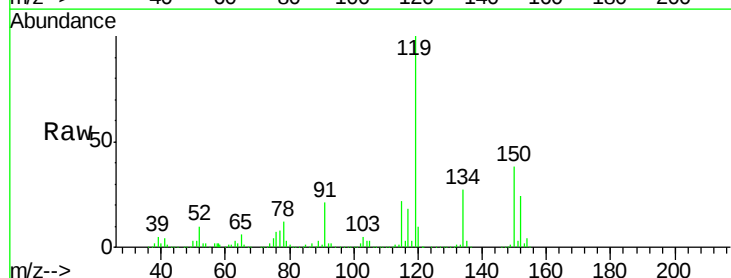
Tgt Ion:119 Resp: 246440

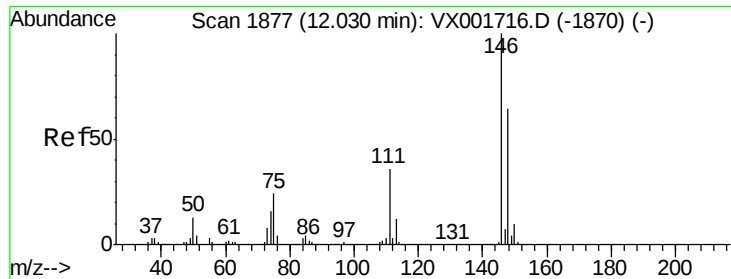
Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

91 21.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.40 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

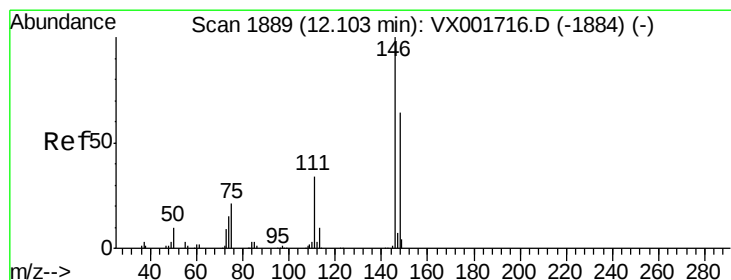
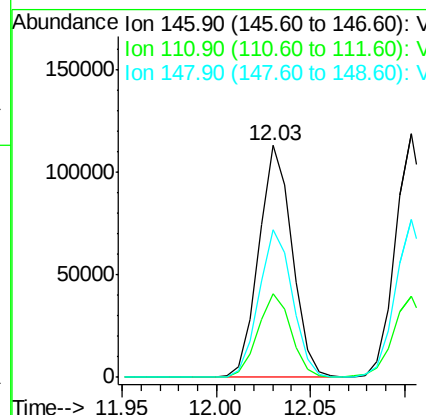
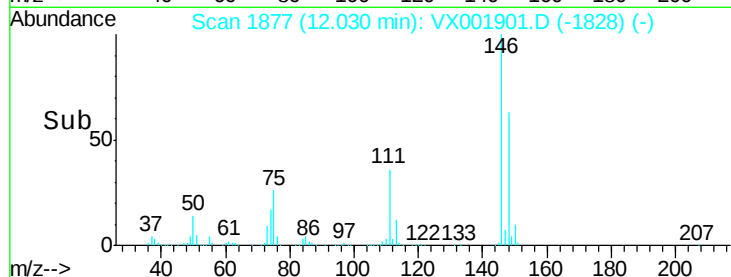
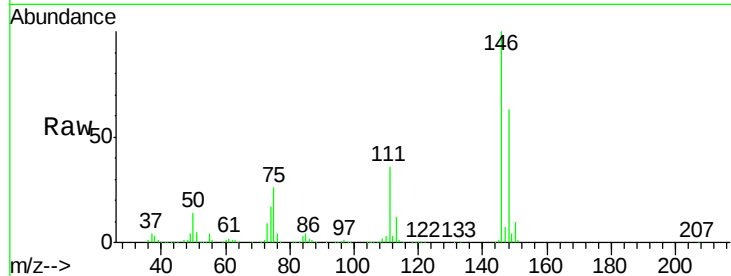
ClientSampleId :

VX0522WBSD01

Tot Ion:	146	Resp:	138441
Ion Ratio	Lower	Upper	
146	100		
111	36.0	17.8	53.4
148	64.0	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 21.13 ug/l

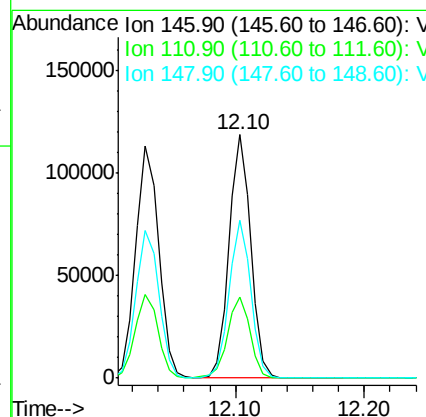
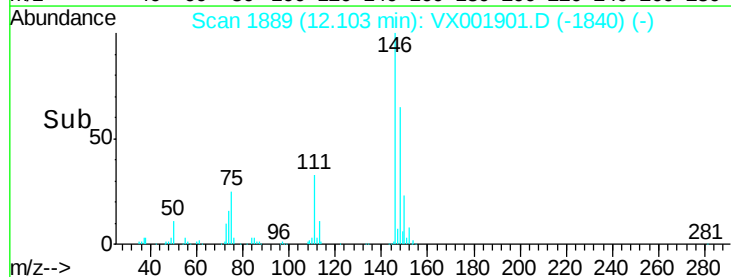
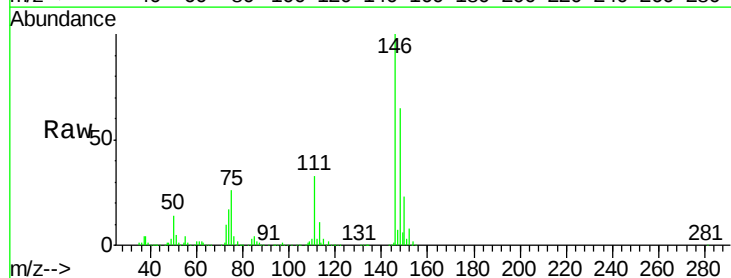
RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Tgt Ion:	146	Resp:	141351
Ion Ratio	Lower	Upper	
146	100		
111	34.9	17.3	52.0
148	64.9	32.3	96.9





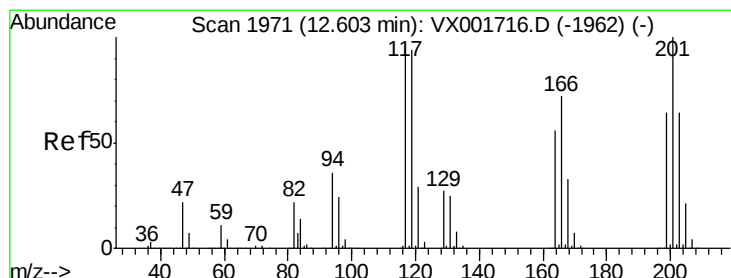
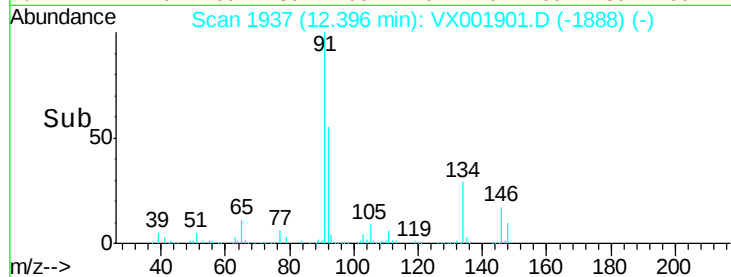
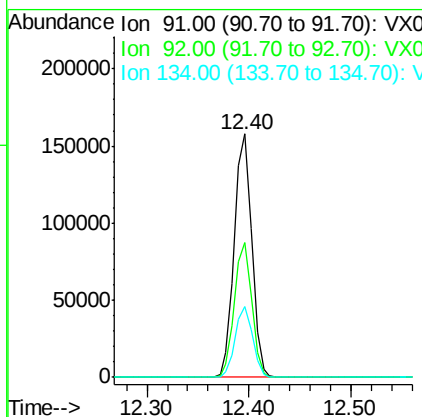
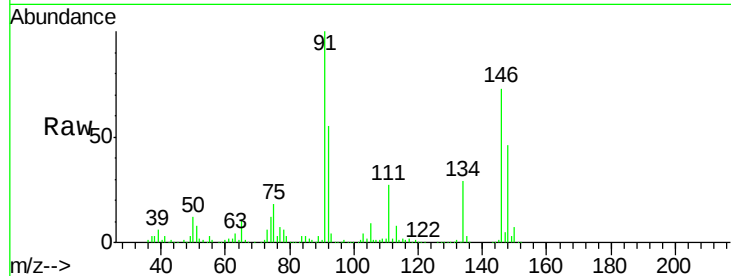
#89
n-Butylbenzene
Concen: 19.41 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	186342		
92	54.6	27.3	81.9	
134	28.6	14.7	44.1	

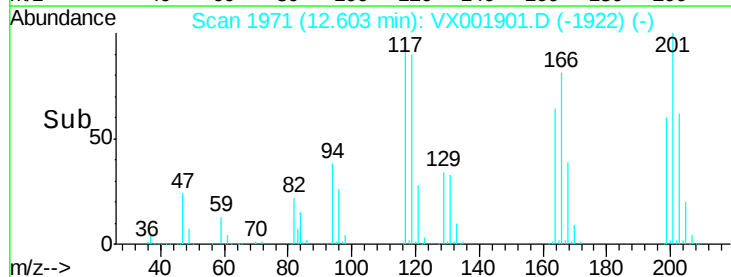
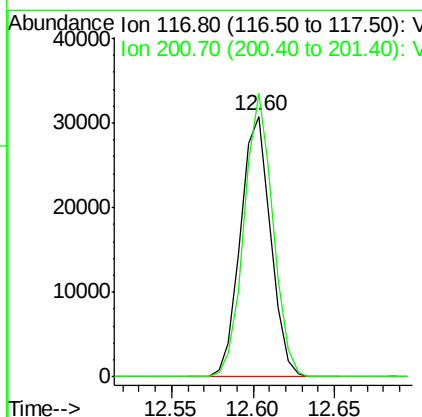
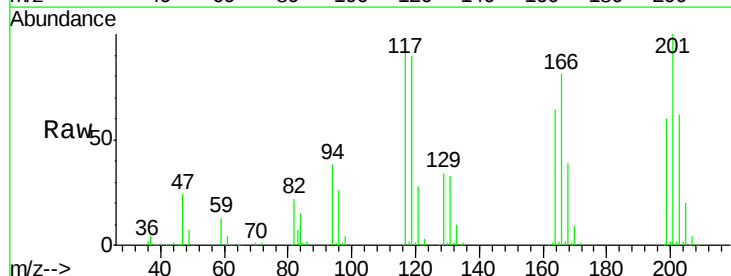
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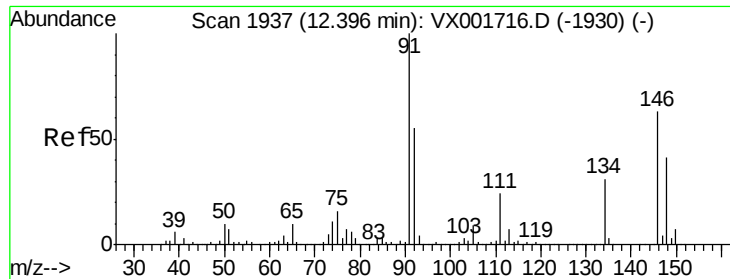
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#90
Hexachloroethane
Concen: 23.01 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001901.D
Acq: 22 May 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	39664		
201	104.3	51.9	155.7	





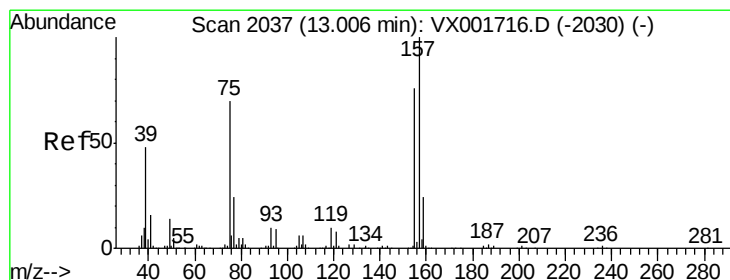
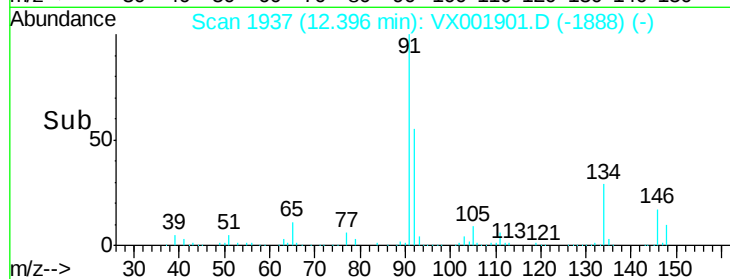
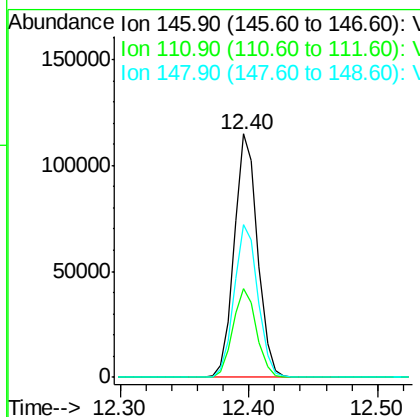
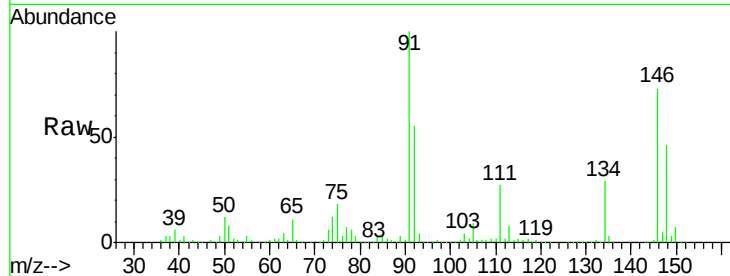
#91
 1,2-Dichlorobenzene
 Concen: 22.50 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	145028		
111	36.8	18.6	56.0	
148	63.9	32.4	97.0	

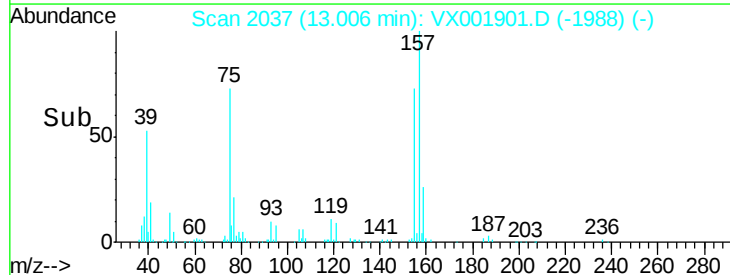
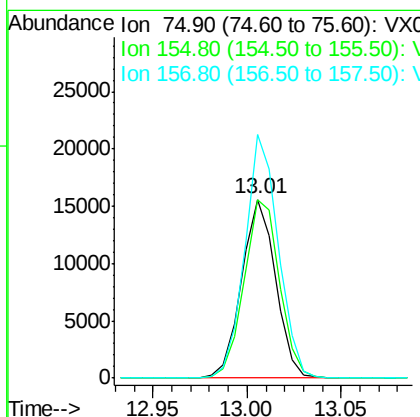
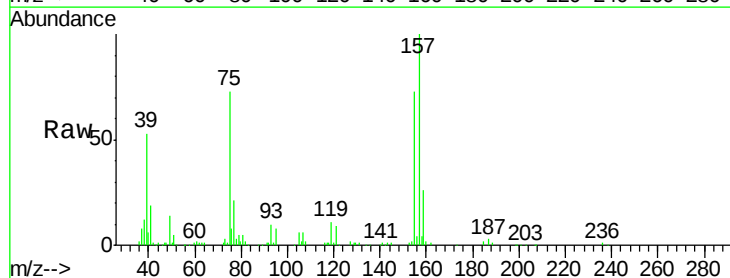
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 25.55 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19474		
155	104.3	53.9	161.8	
157	133.6	71.0	213.2	





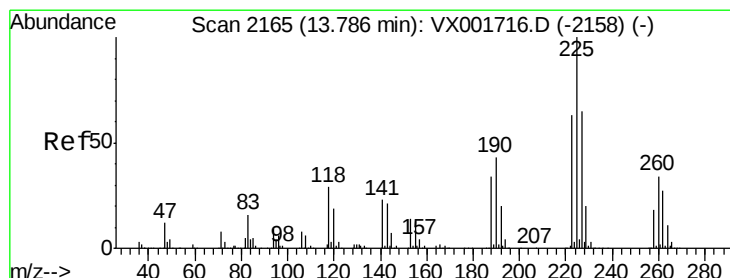
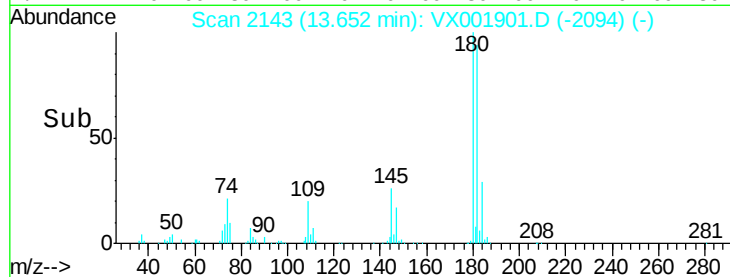
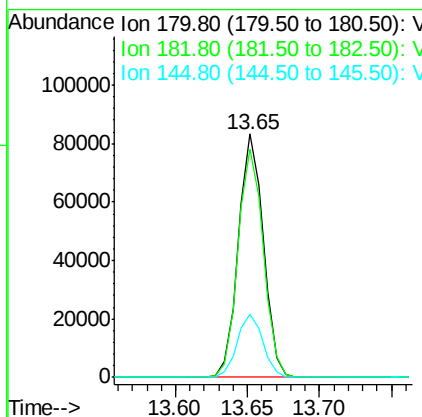
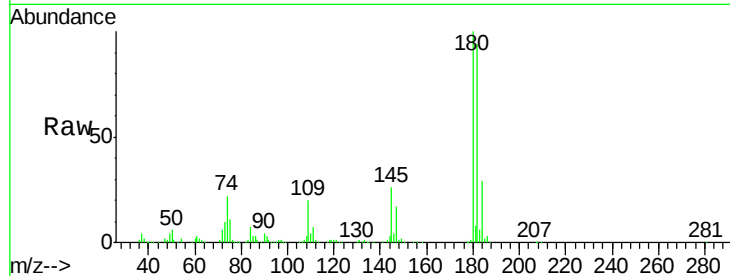
#93
 1,2,4-Trichlorobenzene
 Concen: 19.60 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	100685		
182	94.9	47.6	142.9	
145	26.7	13.4	40.1	

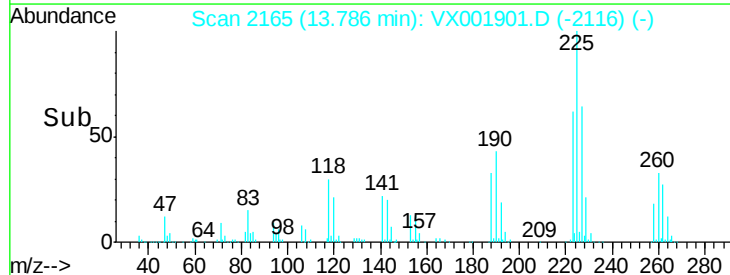
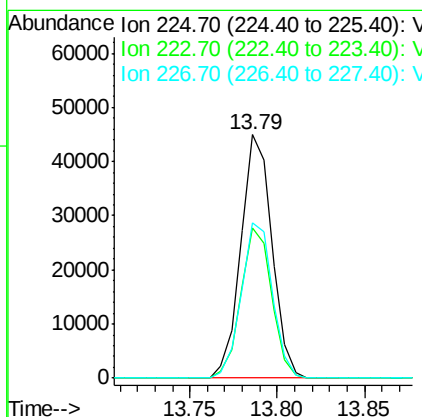
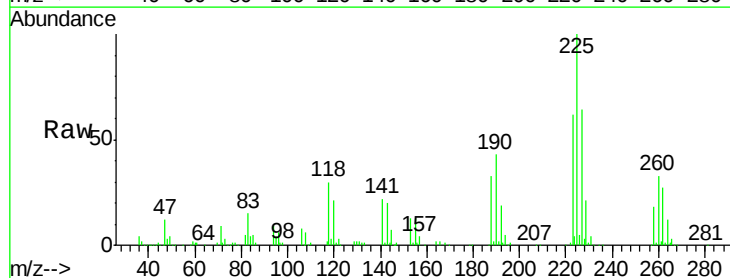
Manual Integrations
 APPROVED

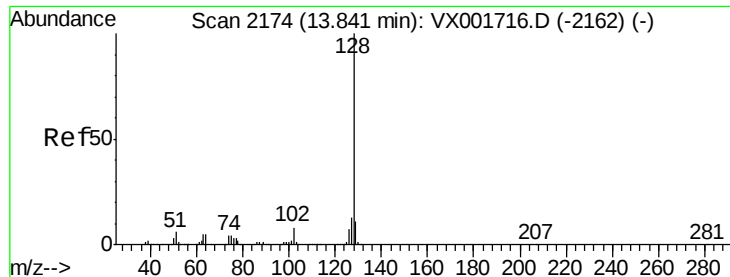
MMDadoda
 5/24/2018 11:47:46 AM



#94
 Hexachlorobutadiene
 Concen: 20.13 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001901.D
 Acq: 22 May 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	55510		
223	61.2	31.1	93.5	
227	63.9	31.9	95.5	





#95

Naphthalene

Concen: 22.50 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Instrument :

MSVOA_X

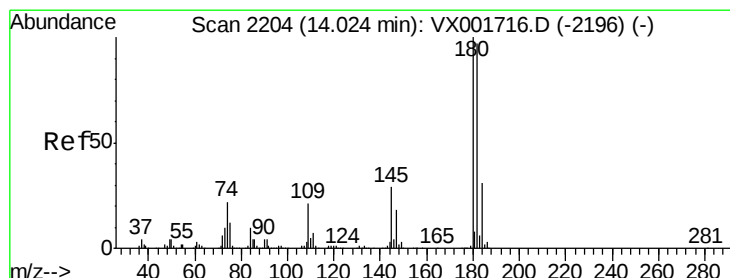
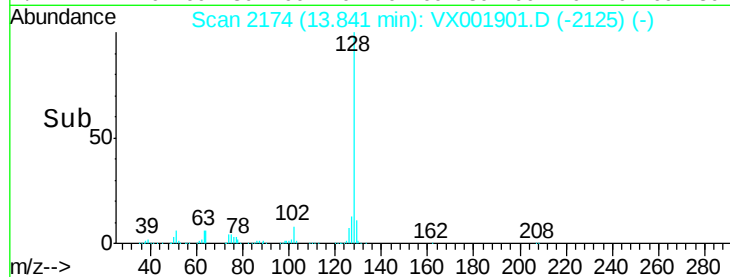
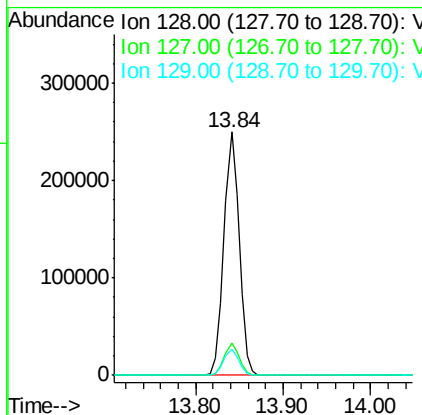
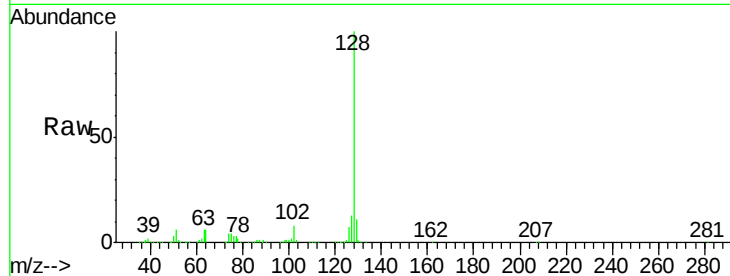
ClientSampleId :

VX0522WBSD01

Tot Ion:	128	Resp:	300527
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
5/24/2018 11:47:46 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.95 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001901.D

Acq: 22 May 2018 18:43

Tgt Ion:	180	Resp:	108374
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.9	143.7
145	28.4	14.2	42.8

