

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022018\
 Data File : VX000116.D
 Acq On : 20 Feb 2018 19:12
 Operator : JC/MD
 Sample : VX0220WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0220WBS01

Manual Integrations
 APPROVED

apatel
 2/22/2018 4:05:04 PM

Quant Time: Feb 21 06:35:46 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	14490	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	87833	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	85854	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	35776	31.90	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	106.33%
60) 4-Bromofluorobenzene	11.15	95	41937	29.86	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.53%
63) Toluene-d8	8.73	98	109326	29.73	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.10%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	18929	21.05	ug/l	96
3) Chloromethane	1.32	50	19868	22.04	ug/l	98
4) Vinyl Chloride	1.40	62	23707	22.11	ug/l	99
5) Bromomethane	1.64	94	19734	19.97	ug/l	100
6) Chloroethane	1.73	64	15343	22.35	ug/l	98
7) Trichlorofluoromethane	1.93	101	41037	22.09	ug/l	100
8) Diethyl Ether	2.20	74	14483	22.32	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	22587	22.28	ug/l	99
10) 1,1-Dichloroethene	2.38	96	21353	22.05	ug/l	93
11) Methyl Iodide	2.51	142	18297	19.44	ug/l	95
12) Methyl Acetate	2.79	43	37669	21.77	ug/l	98
13) Acrolein	2.30	56	18636	89.51	ug/l	99
14) Acrylonitrile	3.16	53	79697	106.30	ug/l	98
15) Acetone	2.45	58	23636	96.70	ug/l	99
16) Carbon Disulfide	2.57	76	58313	21.06	ug/l	99
17) Allyl chloride	2.73	41	36711	22.24	ug/l	98
18) Methylene Chloride	2.86	84	23759	22.52	ug/l	92
19) trans-1,2-Dichloroethene	3.17	96	22989	21.82	ug/l	94
20) Diisopropyl ether	3.89	45	54825	21.03	ug/l	96
21) 1,1-Dichloroethane	3.70	63	36695	21.36	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	20911	21.37	ug/l	97
23) tert-Butyl Alcohol	3.09	59	41772	97.48	ug/l	100
24) Methyl tert-Butyl Ether	3.22	73	76607	22.96	ug/l	100
25) Chloroform	5.23	83	36692	21.54	ug/l	94
26) Cyclohexane	5.58	56	29364	21.80	ug/l #	98
29) 1,1-Dichloropropene	5.81	75	28399	22.20	ug/l	96
30) 2-Butanone	4.73	43	97840	99.37	ug/l	100
31) 2,2-Dichloropropane	4.60	77	28709	20.87	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	33022	21.34	ug/l	97
33) Carbon Tetrachloride	5.79	117	29288	21.31	ug/l	93
34) Benzene	6.16	78	81419	22.12	ug/l #	92
35) Methacrylonitrile	5.08	41	18315	20.20	ug/l	90
36) 1,2-Dichloroethane	6.21	62	30896	22.14	ug/l	100
37) Trichloroethene	7.22	130	23596	21.69	ug/l	96
38) Methylcyclohexane	7.47	83	31828	20.76	ug/l	99
39) 1,2-Dichloropropane	7.52	63	20276	22.07	ug/l	98
40) Dibromomethane	7.67	93	15379	21.72	ug/l	98

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Quant Time: Feb 21 06:35:46 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	28934	21.50	ug/l	99
42) Vinyl Acetate	3.84	43	264270	105.31	ug/l	99
43) Ethyl Acetate	4.88	43	36422	21.06	ug/l	99
44) Isopropyl Acetate	6.48	43	53848	21.22	ug/l	98
45) 1,4-Dioxane	7.77	88	12049	377.56	ug/l	99
46) Methyl methacrylate	7.79	41	27014	21.89	ug/l	95
47) n-amyl Acetate	10.91	43	48354	21.83	ug/l	97
48) t-1,3-Dichloropropene	8.45	75	33664	21.49	ug/l	99
49) cis-1,3-Dichloropropene	9.06	75	32241	21.15	ug/l	97
50) 1,1,2-Trichloroethane	9.23	97	22356	21.51	ug/l	98
51) Ethyl methacrylate	9.20	69	33951	21.32	ug/l	98
52) 1,3-Dichloropropane	9.38	76	36355	21.80	ug/l	100
53) Dibromochloromethane	9.59	129	24216	20.94	ug/l	94
54) 1,2-Dibromoethane	9.68	107	24370	21.03	ug/l	98
55) 2-Chloroethyl vinyl ether	8.32	63	78910	113.47	ug/l	100
56) Bromoform	10.87	173	19021	20.31	ug/l	100
58) 4-Methyl-2-Pentanone	8.66	43	196231	104.35	ug/l	99
59) 2-Hexanone	9.51	43	160029	100.50	ug/l	99
61) Tetrachloroethene	9.34	164	21369	20.50	ug/l	97
62) Toluene	8.79	91	93836	21.01	ug/l	98
64) Chlorobenzene	10.15	112	63509	21.04	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.23	131	22573	21.11	ug/l	99
66) Ethyl Benzene	10.26	91	109521	21.48	ug/l	98
67) m/p-Xylenes	10.37	106	85806	42.93	ug/l	98
68) o-Xylene	10.71	106	41761	21.51	ug/l	97
69) Styrene	10.72	104	67991	21.14	ug/l	99
70) Isopropylbenzene	11.02	105	111858	21.31	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	37425	20.72	ug/l	98
72) 1,2,3-Trichloropropane	11.30	75	34074m	21.04	ug/l	
73) Bromobenzene	11.26	156	28821	20.95	ug/l	97
74) n-propylbenzene	11.37	91	131419	21.36	ug/l	100
75) 2-Chlorotoluene	11.43	91	75099	21.23	ug/l	99
76) 1,3,5-Trimethylbenzene	11.52	105	94119	21.16	ug/l	71
77) t-1,4-Dichloro-2-butene	11.09	75	11048	19.29	ug/l	92
78) 4-Chlorotoluene	11.52	91	90580	21.38	ug/l	99
79) tert-butylbenzene	11.78	119	92765m	20.96	ug/l	
80) 1,2,4-Trimethylbenzene	11.82	105	96327	21.23	ug/l	99
81) sec-Butylbenzene	11.96	105	116952	21.37	ug/l	98
82) p-Isopropyltoluene	12.07	119	103185	21.14	ug/l	98
83) 1,3-Dichlorobenzene	12.04	146	53740	20.51	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	55692	20.40	ug/l	99
85) n-Butylbenzene	12.40	91	96804	21.14	ug/l	99
86) Hexachloroethane	12.60	117	16637	20.40	ug/l	97
87) 1,2-Dichlorobenzene	12.40	146	53341	20.55	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	9959	19.72	ug/l	95
89) 1,2,4-Trichlorobenzene	13.65	180	38495	20.19	ug/l	100
90) Hexachlorobutadiene	13.79	225	16692	20.32	ug/l	96
91) Naphthalene	13.84	128	137872	20.69	ug/l	99
92) 1,2,3-Trichlorobenzene	14.03	180	38876	20.28	ug/l	100

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

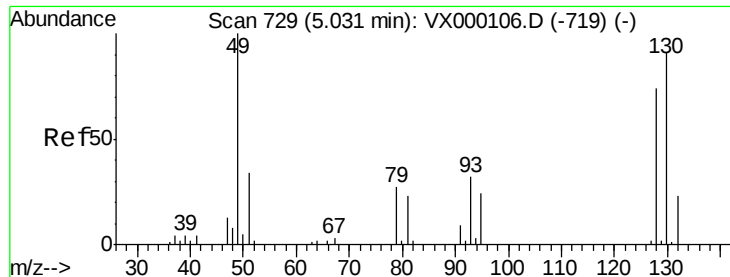
Manual Integrations
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Quant Time: Feb 21 06:35:46 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



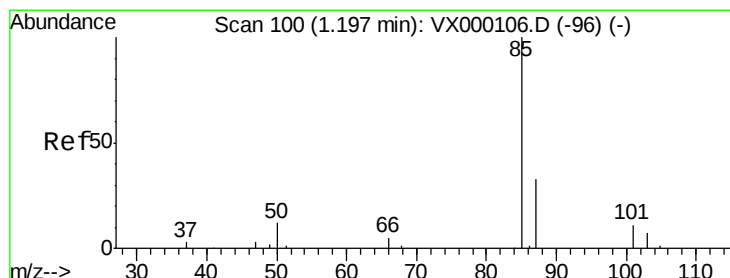
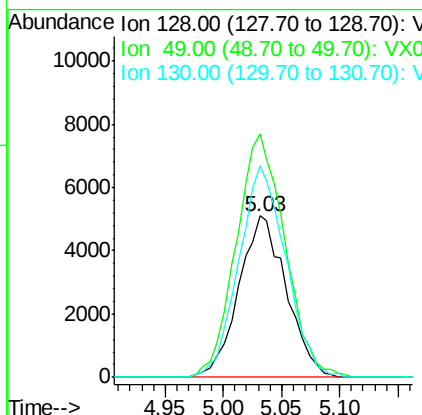
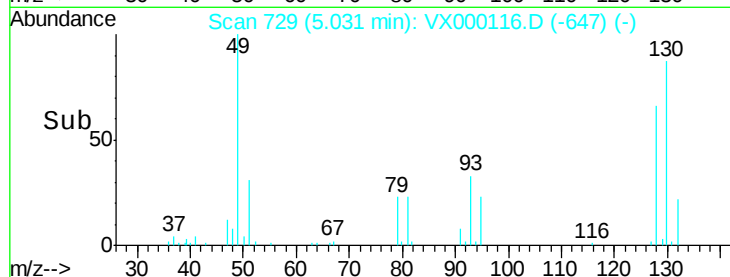
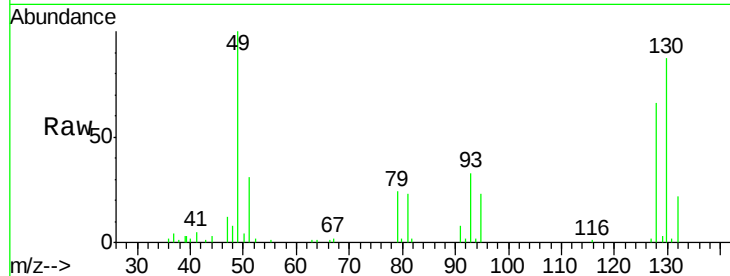
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
49	154.4	0.0	378.3
130	129.2	0.0	324.3

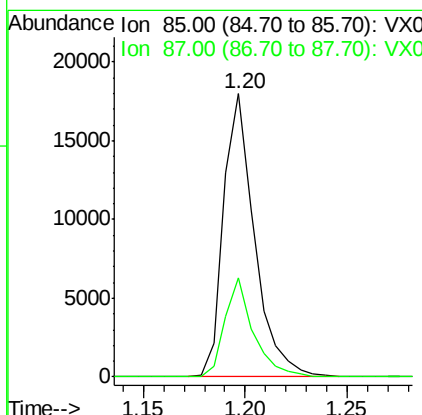
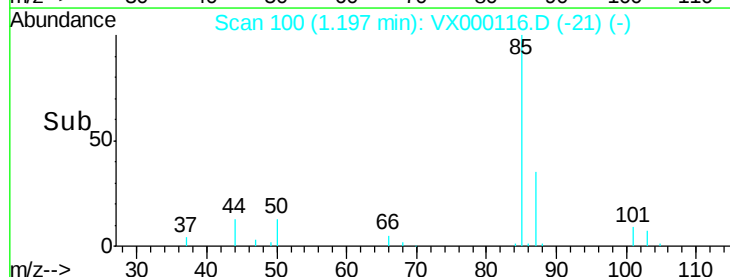
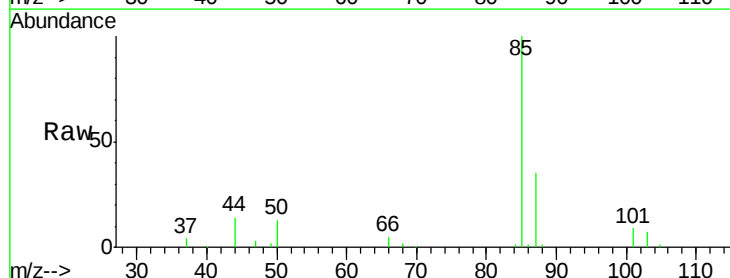
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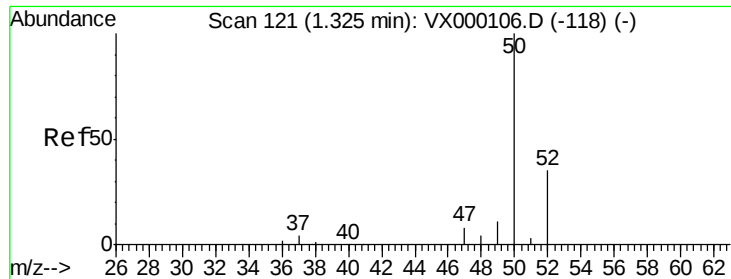
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#2
Dichlorodifluoromethane
Concen: 21.05 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
85	100		
87	35.1	16.6	49.7





#3

Chloromethane

Concen: 22.04 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

Tot Ion: 50 Resp: 19868

Ion Ratio Lower Upper

50 100

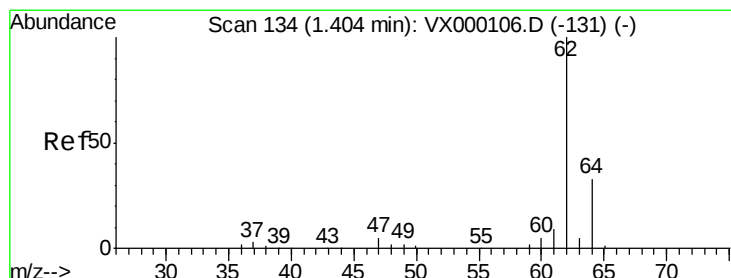
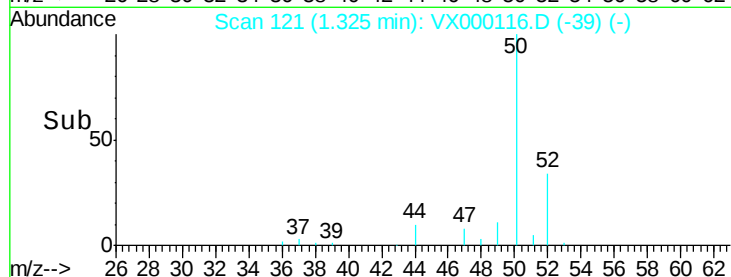
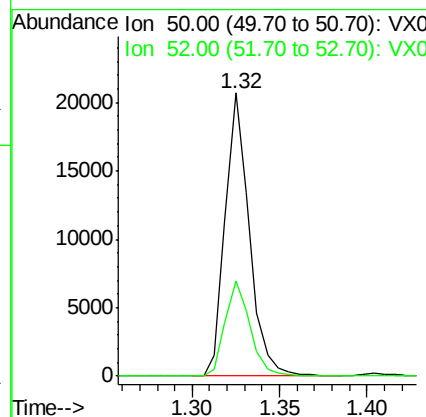
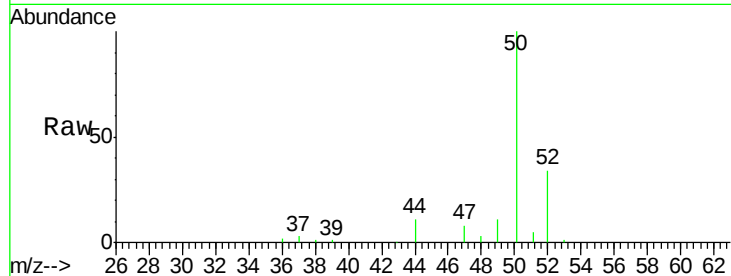
52 33.5 27.8 41.6

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#4

Vinyl Chloride

Concen: 22.11 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000116.D

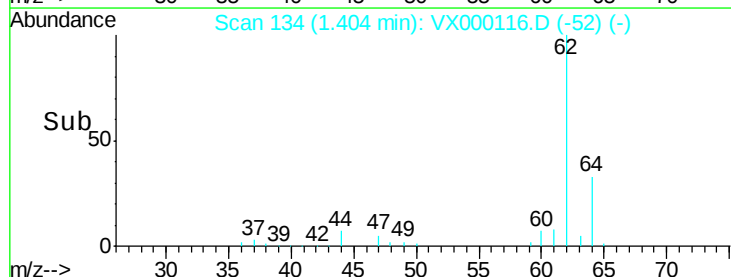
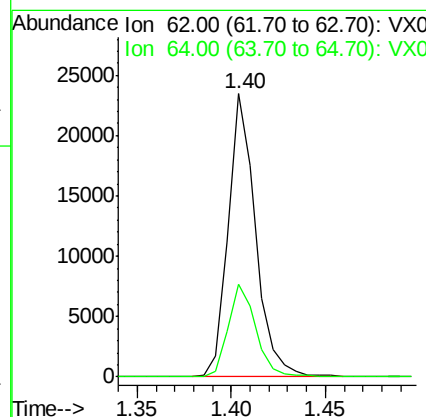
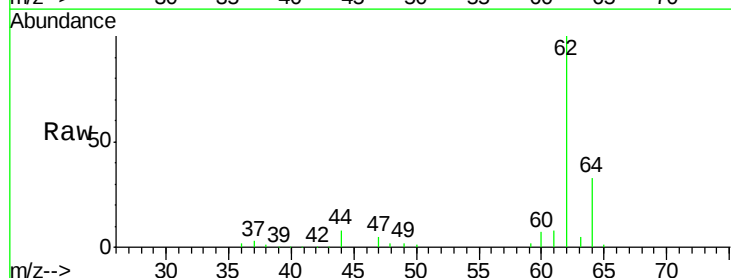
Acq: 20 Feb 2018 19:12

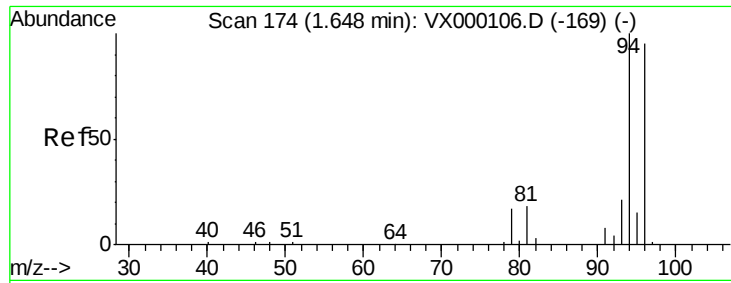
Tgt Ion: 62 Resp: 23707

Ion Ratio Lower Upper

62 100

64 32.9 26.0 39.0





#5

Bromomethane

Concen: 19.97 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.01 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

Tot Ion: 94 Resp: 19734

Ion Ratio Lower Upper

94 100

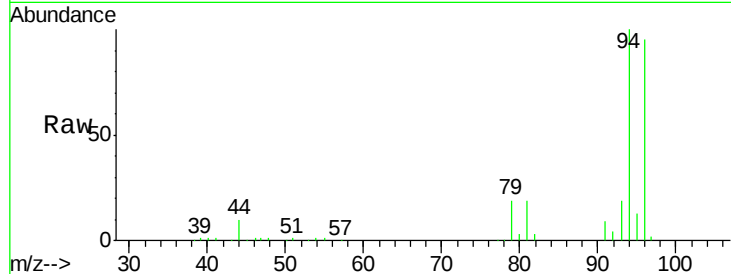
96 95.4 76.2 114.2

Manual Integrations

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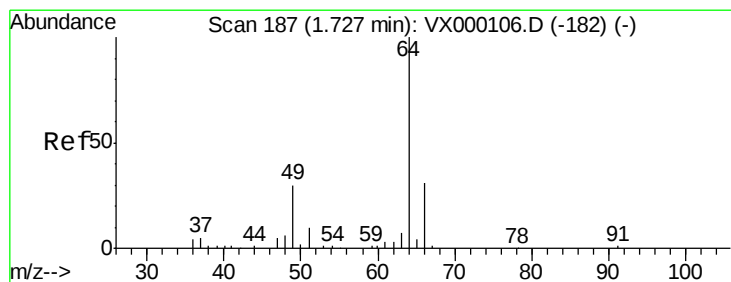
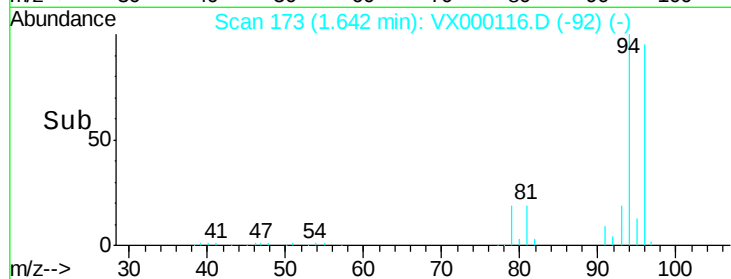
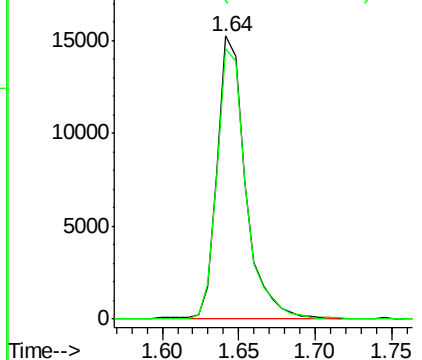
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 22.35 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000116.D

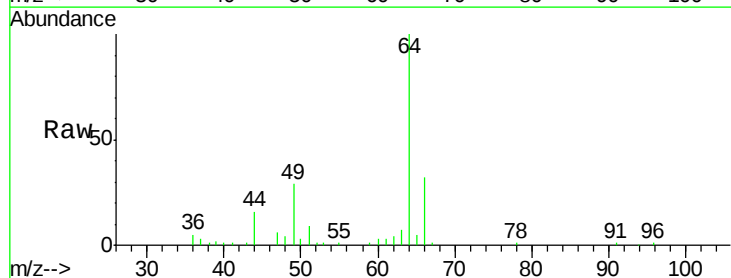
Acq: 20 Feb 2018 19:12

Tgt Ion: 64 Resp: 15343

Ion Ratio Lower Upper

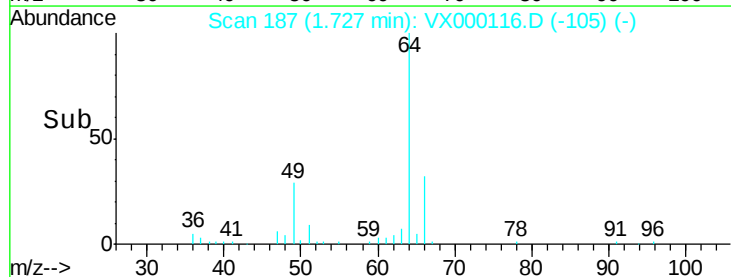
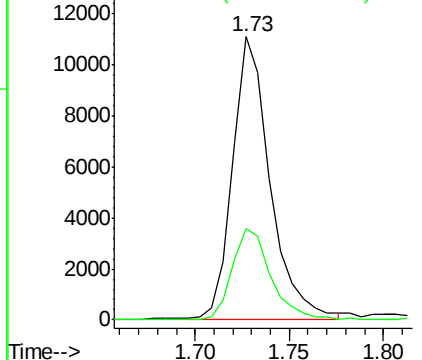
64 100

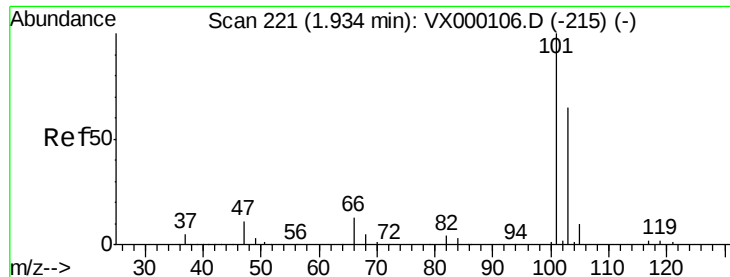
66 32.6 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

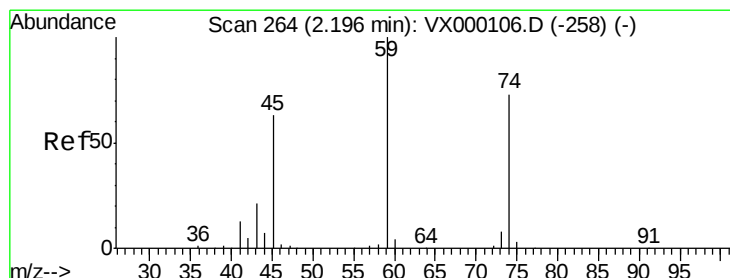
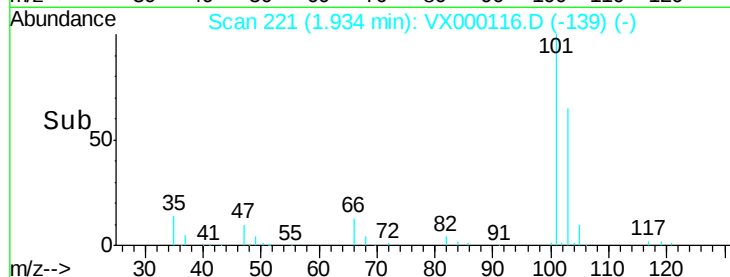
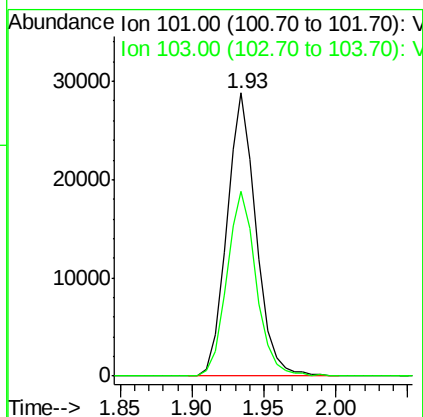
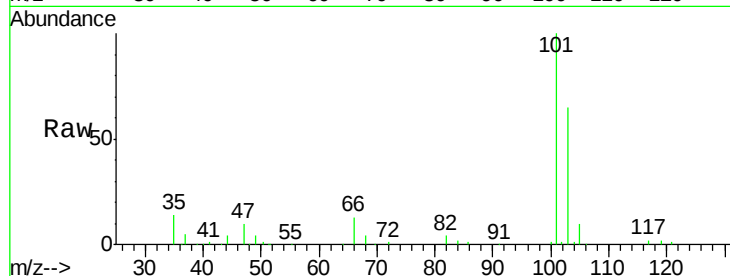
Trichlorofluoromethane
 Concen: 22.09 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Instrument :
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 ClientSampleId :
 VX0220WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.2	78.4

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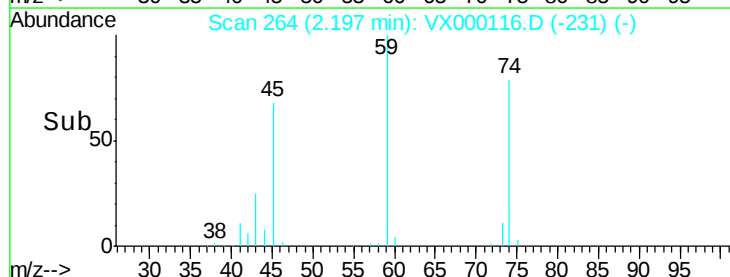
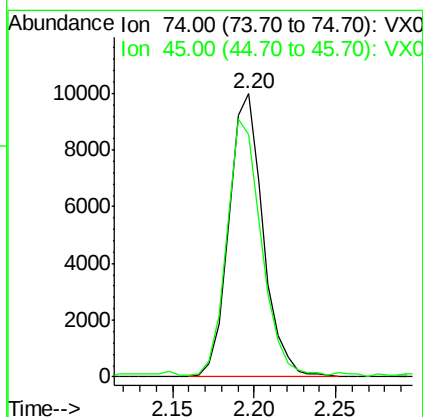
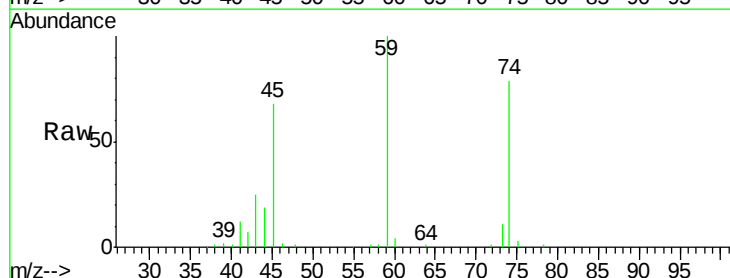
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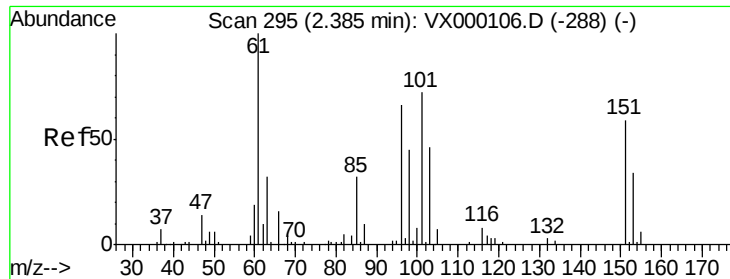


#8

Diethyl Ether
 Concen: 22.32 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.2	17.8	159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.28 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

Instrument :

MSVOA_X

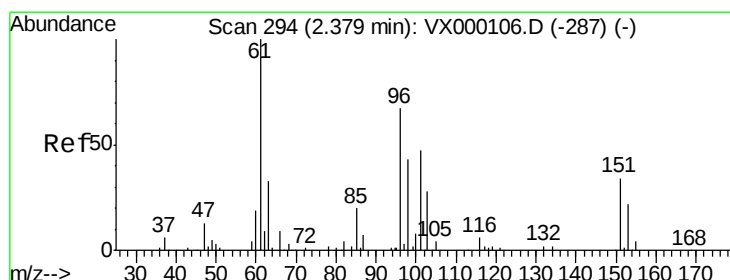
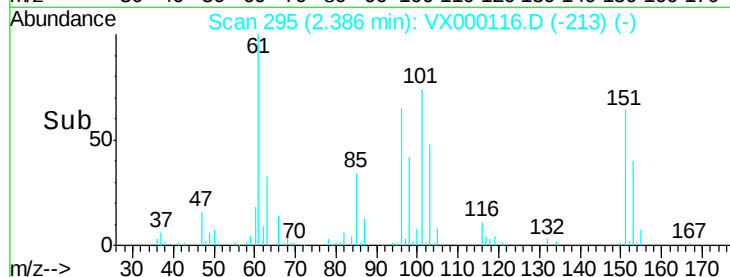
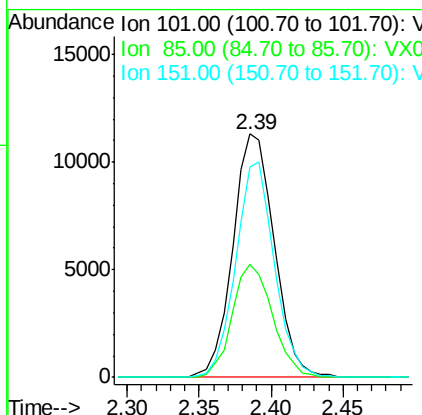
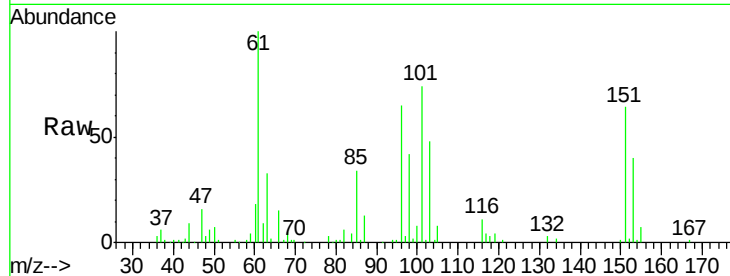
ClientSampled :

VX0220WBS01

Tot Ion:	101	Resp:	22587
Ion Ratio	Lower	Upper	
101	100		
85	45.1	0.0	90.4
151	82.5	0.0	167.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 22.05 ug/l

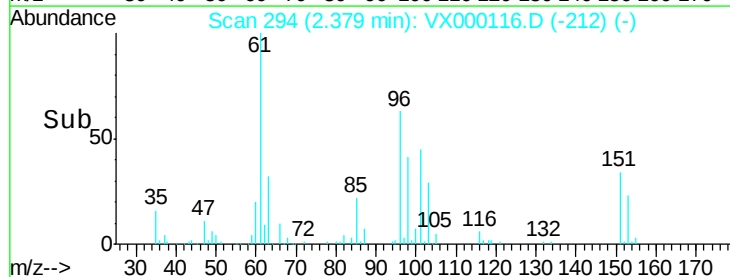
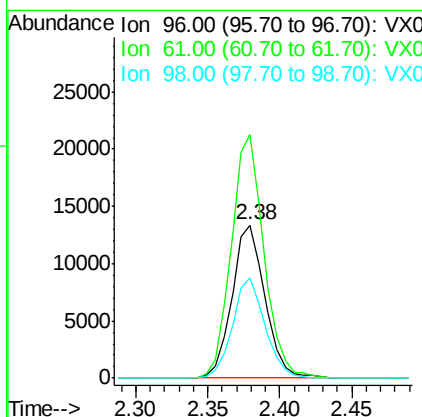
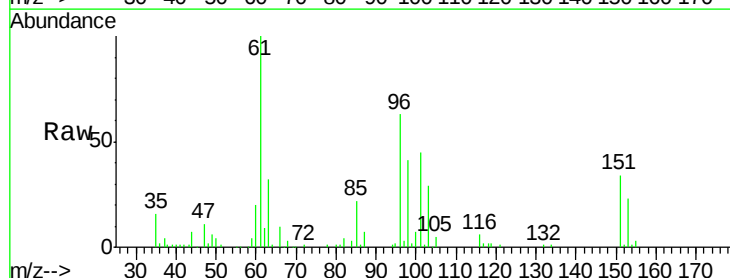
RT: 2.38 min Scan# 294

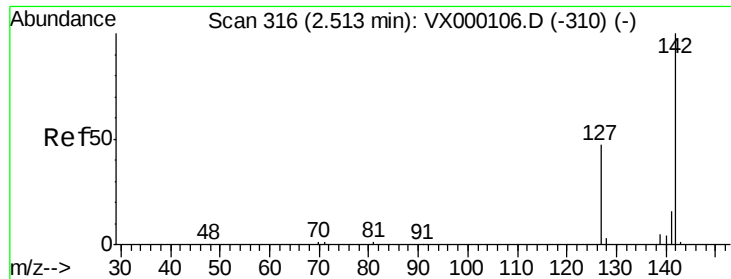
Delta R.T. 0.00 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

Tgt Ion:	96	Resp:	21353
Ion Ratio	Lower	Upper	
96	100		
61	159.0	118.6	178.0
98	65.5	51.0	76.6





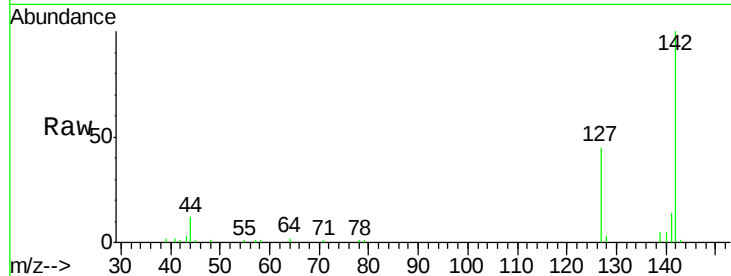
#11
Methyl Iodide
Concen: 19.44 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.8	23.8	71.5
141	13.4	8.2	24.4

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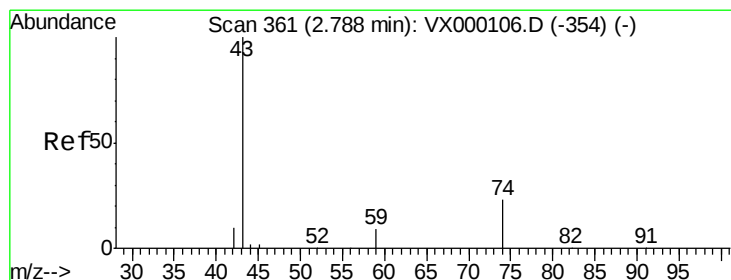
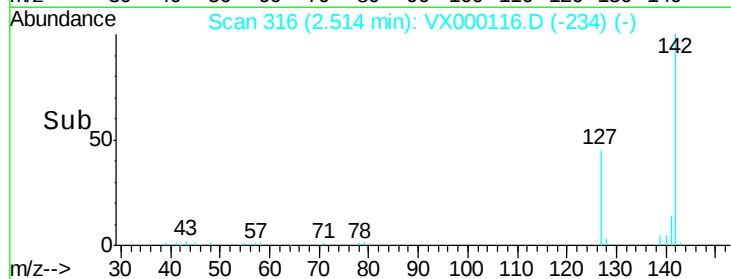
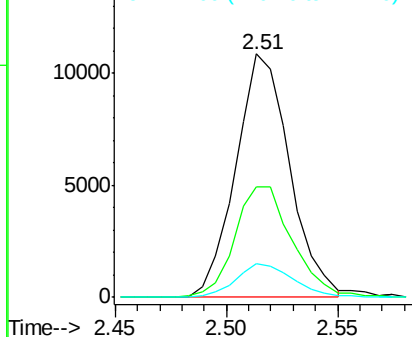


Abundance

Ion 142.00 (141.70 to 142.70): V

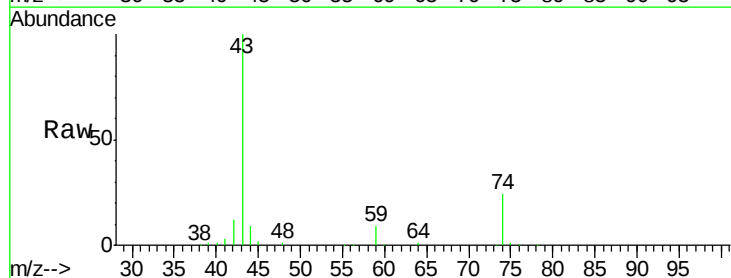
Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12
Methyl Acetate
Concen: 21.77 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

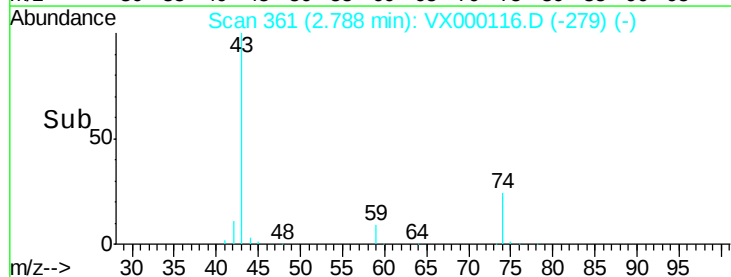
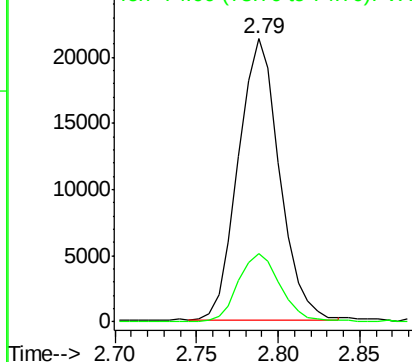
Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	18.6	27.8

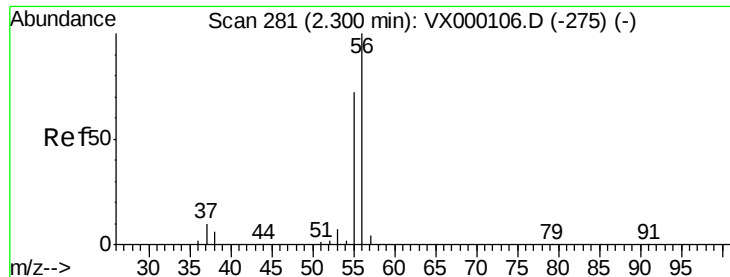


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 89.51 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

Tot Ion: 56 Resp: 18636

Ion Ratio Lower Upper

56 100

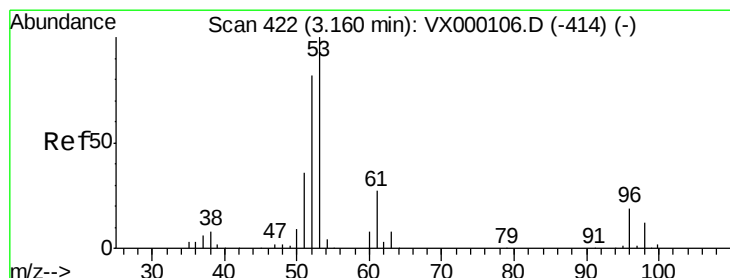
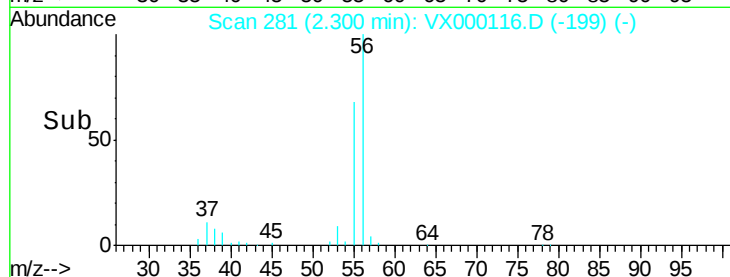
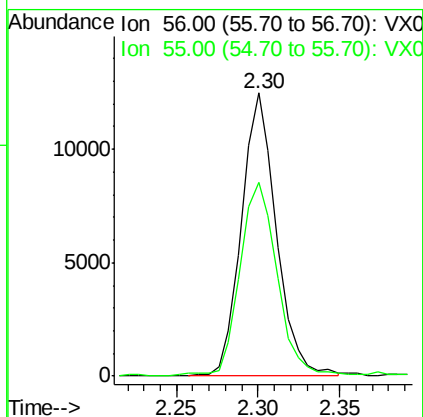
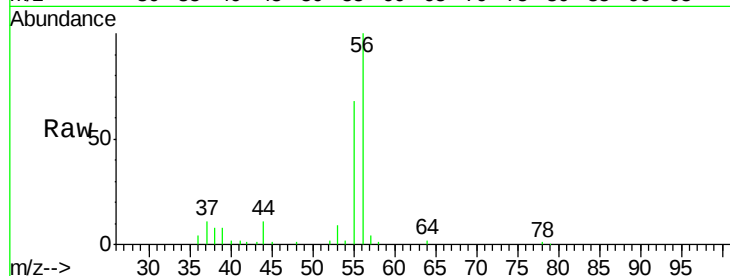
55 72.6 57.3 85.9

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#14

Acrylonitrile

Concen: 106.30 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

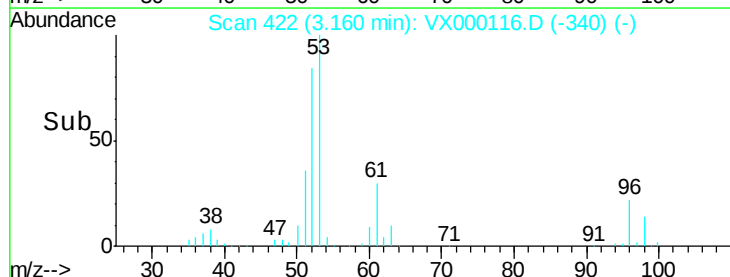
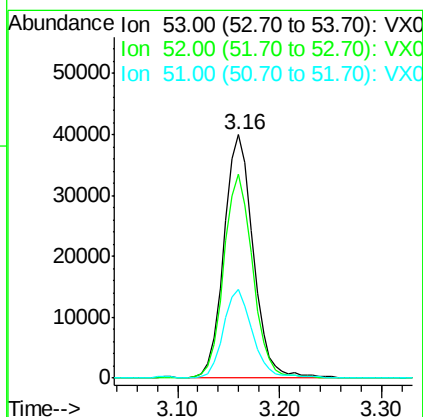
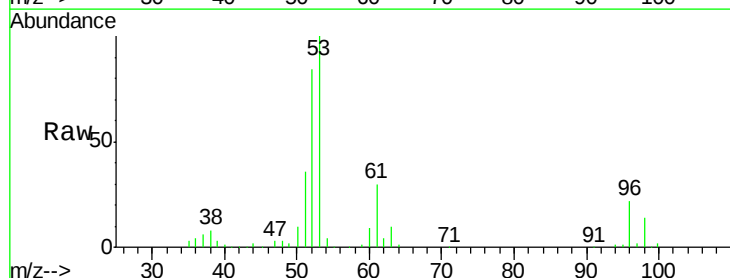
Tgt Ion: 53 Resp: 79697

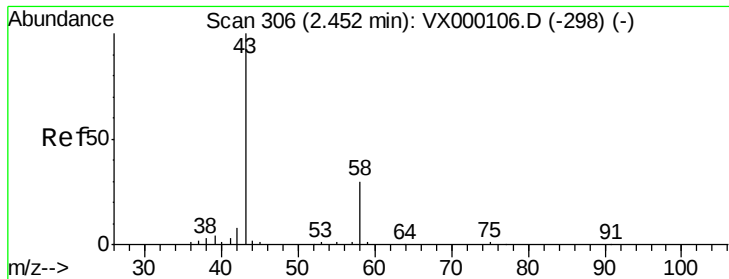
Ion Ratio Lower Upper

53 100

52 83.0 41.9 125.8

51 35.1 18.8 56.3





#15

Acetone

Concen: 96.70 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

Tot Ion: 58 Resp: 23636

Ion Ratio Lower Upper

58 100

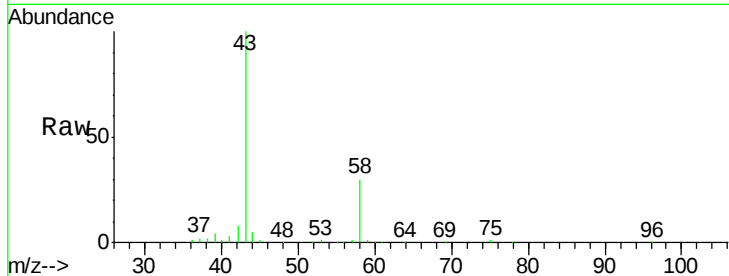
43 331.9 264.6 396.8

Manual Integrations

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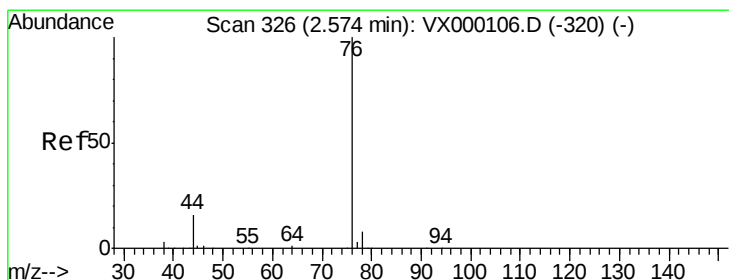
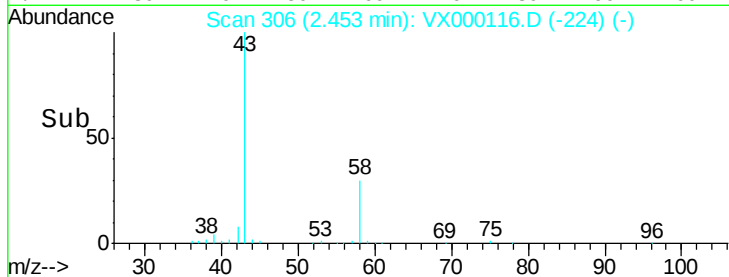
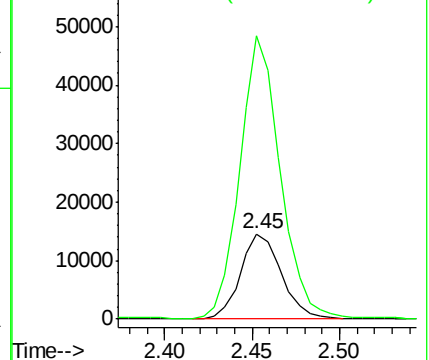
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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 21.06 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000116.D

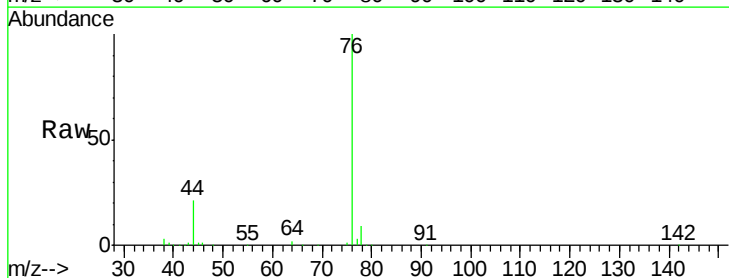
Acq: 20 Feb 2018 19:12

Tgt Ion: 76 Resp: 58313

Ion Ratio Lower Upper

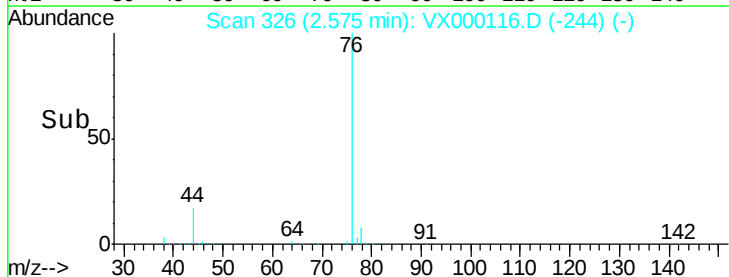
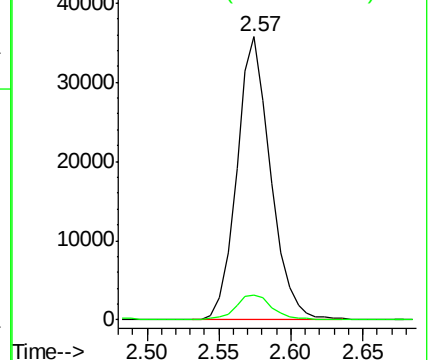
76 100

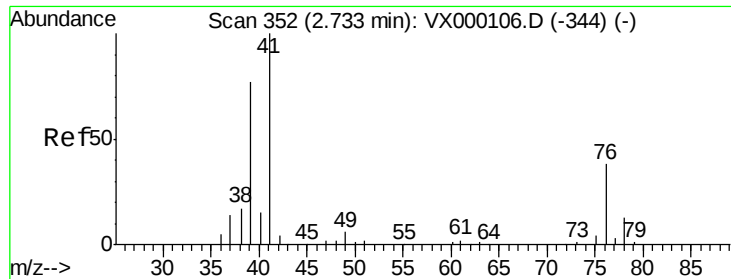
78 8.7 6.8 10.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





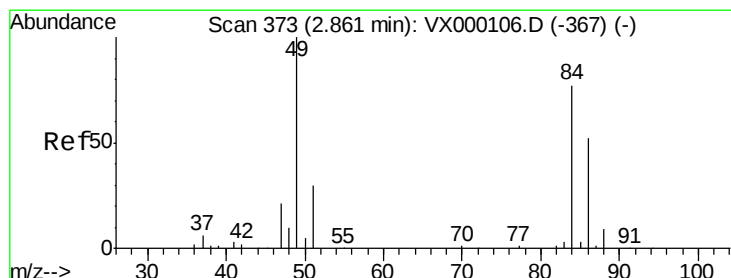
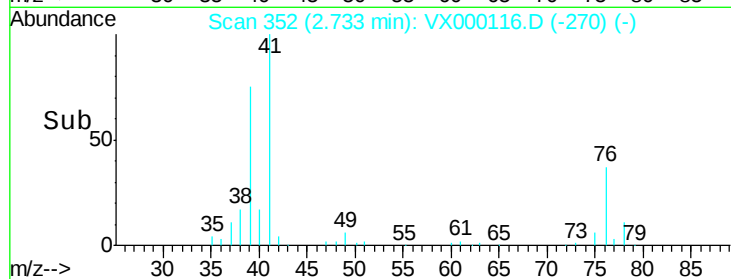
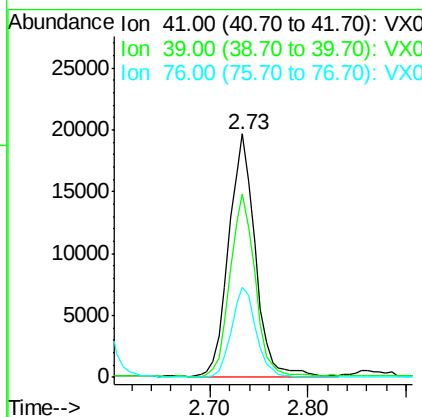
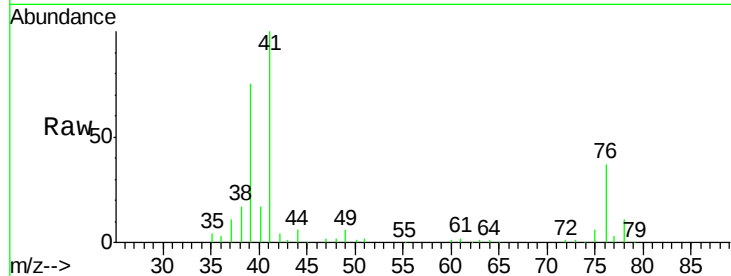
#17
Allvl chloride
Concen: 22.24 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	75.1	38.5	115.5
76	36.9	18.7	56.1

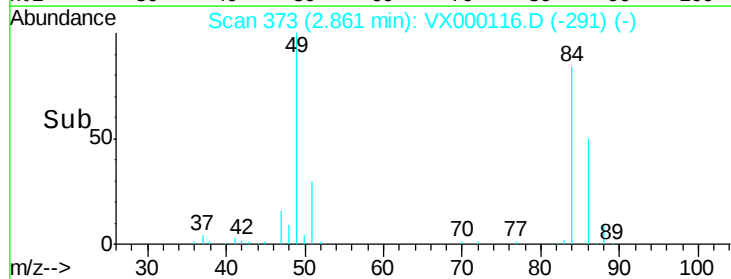
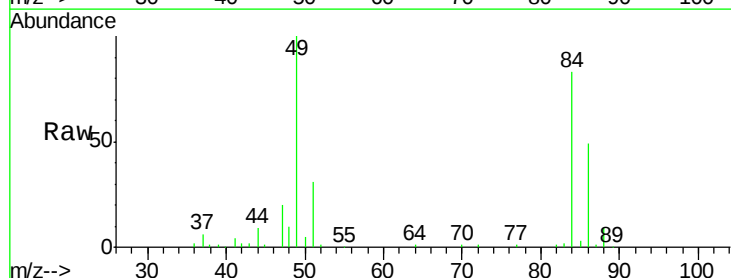
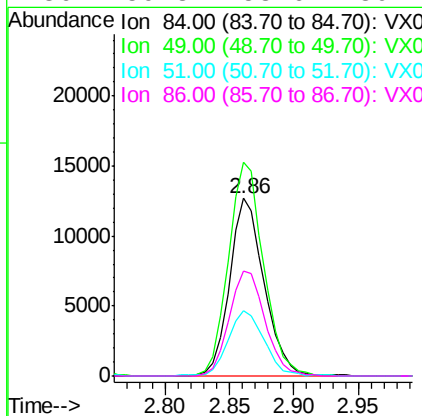
Manual Integrations
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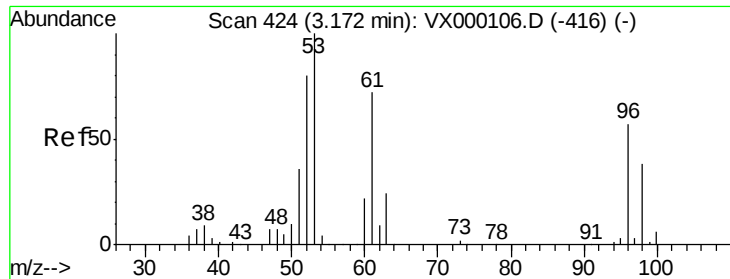
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#18
Methylene Chloride
Concen: 22.52 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.1	103.3	154.9
51	36.7	31.2	46.8
86	59.3	53.6	80.4





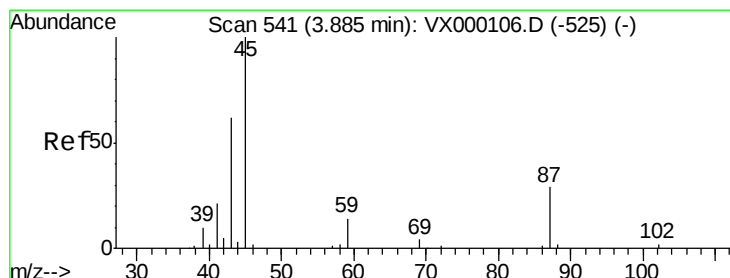
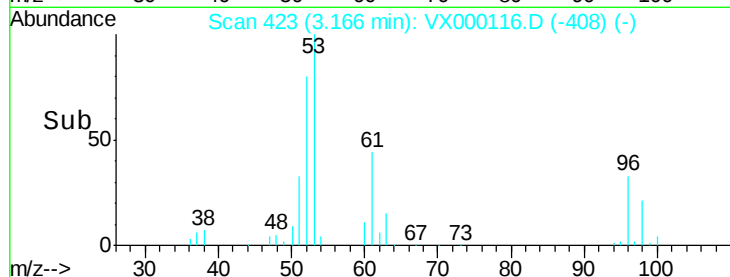
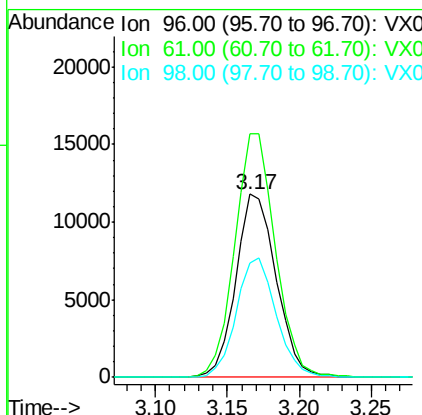
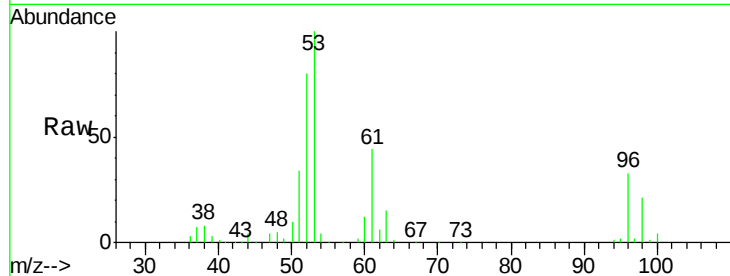
#19
trans-1,2-Dichloroethene
Concen: 21.82 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.01 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.0	101.0	151.6
98	62.6	53.3	79.9

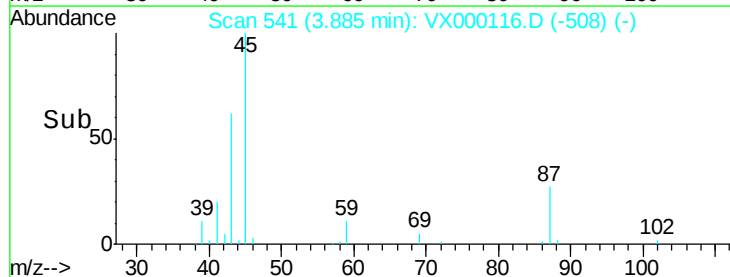
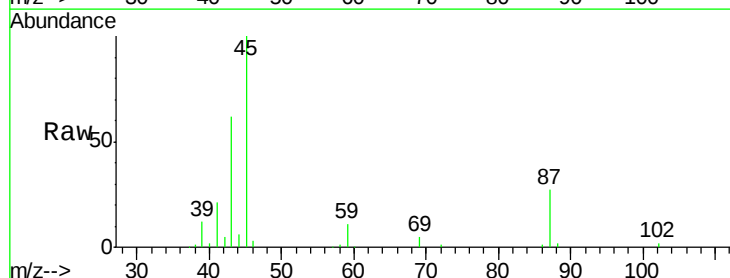
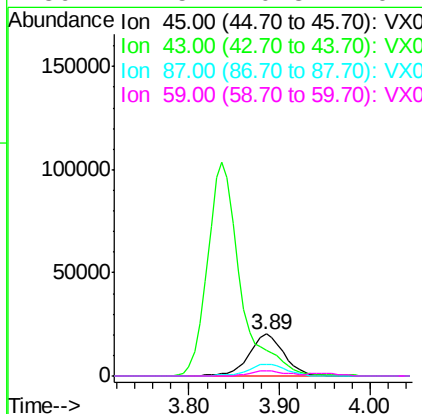
Manual Integrations
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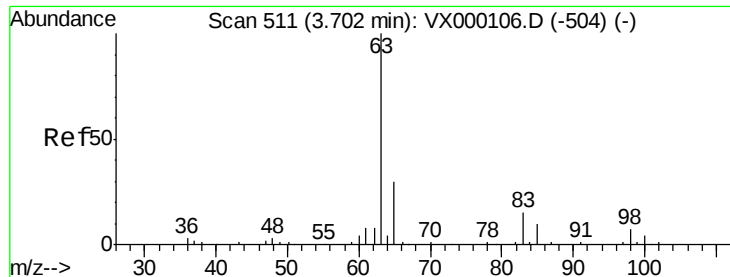
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#20
Diisopropyl ether
Concen: 21.03 ug/l
RT: 3.89 min Scan# 541
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.0	49.6	74.4
87	27.4	23.1	34.7
59	11.5	10.8	16.2





#21

1,1-Dichloroethane

Concen: 21.36 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

Instrument :

MSVOA_X

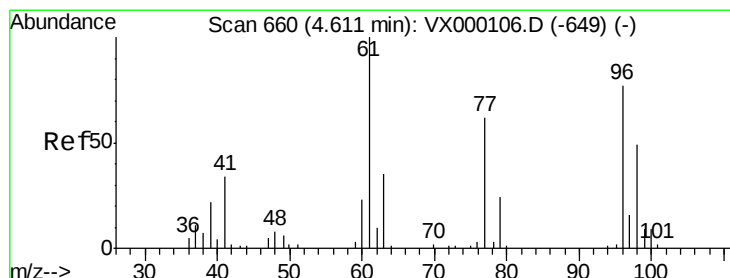
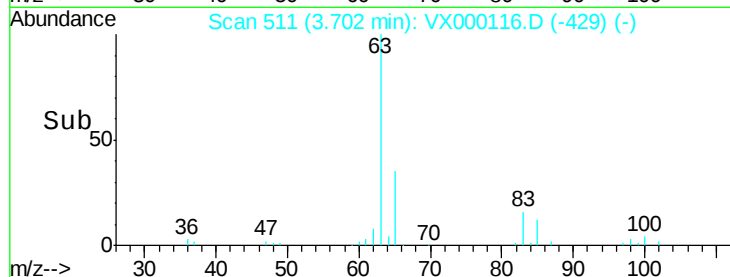
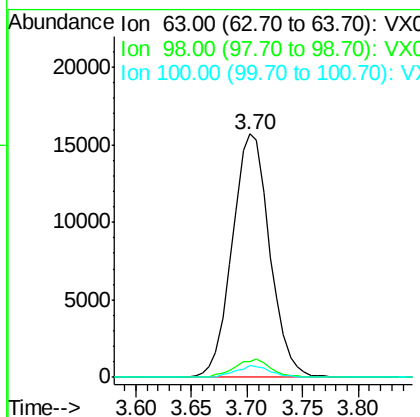
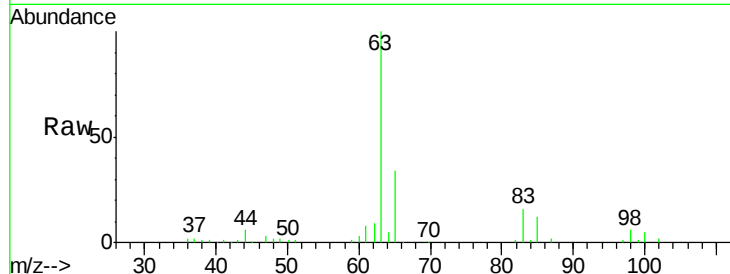
ClientSampleId :

VX0220WBS01

Tot Ion:	63	Resp:	36695
Ion Ratio	Lower	Upper	
63	100		
98	6.5	3.3	9.9
100	4.8	2.1	6.5

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 21.37 ug/l

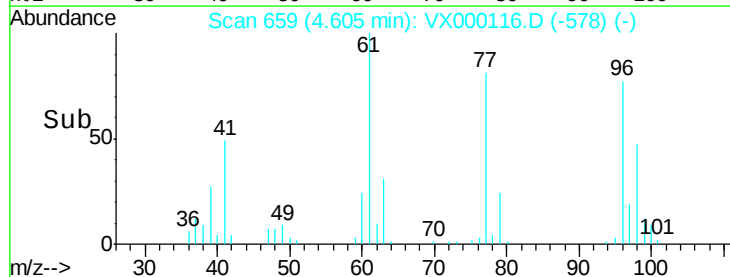
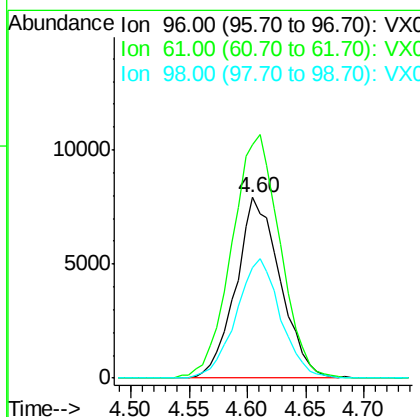
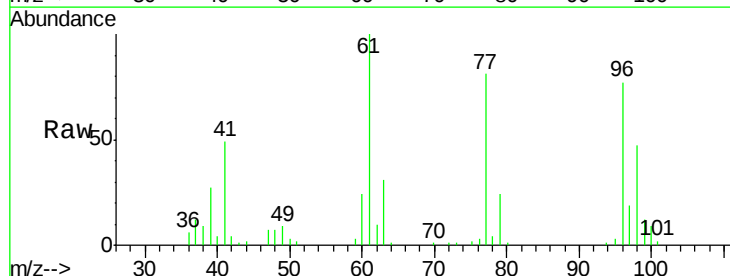
RT: 4.60 min Scan# 659

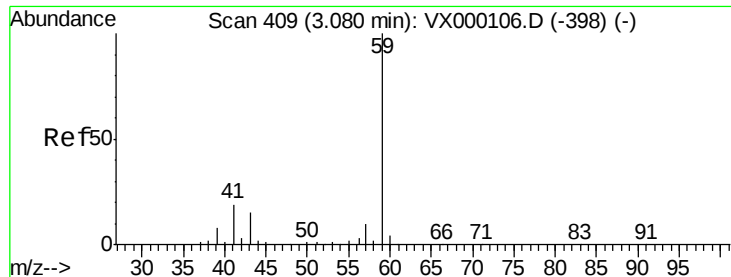
Delta R.T. -0.01 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

Tgt Ion:	96	Resp:	20911
Ion Ratio	Lower	Upper	
96	100		
61	146.6	113.5	170.3
98	66.2	51.8	77.8





#23

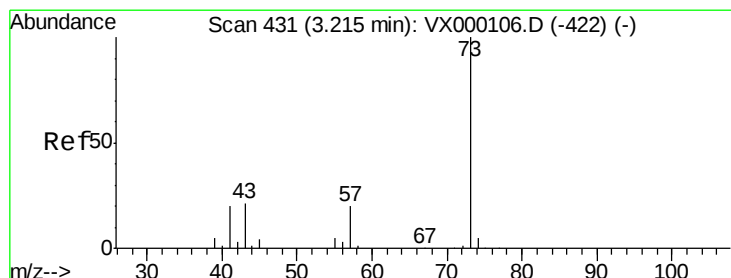
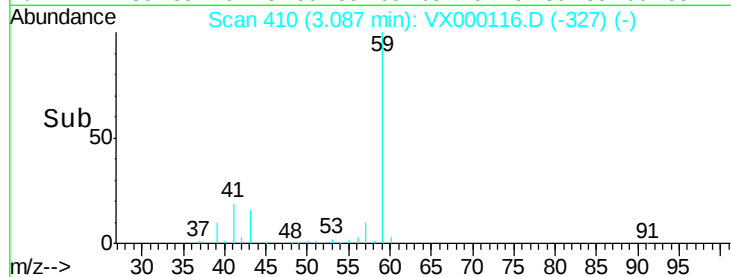
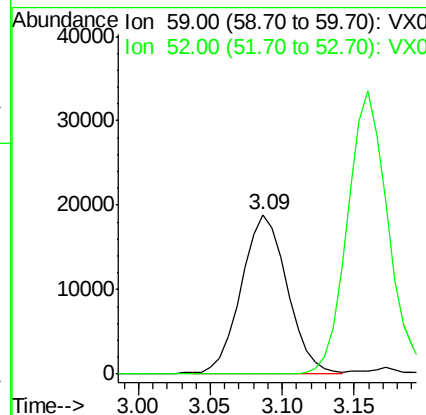
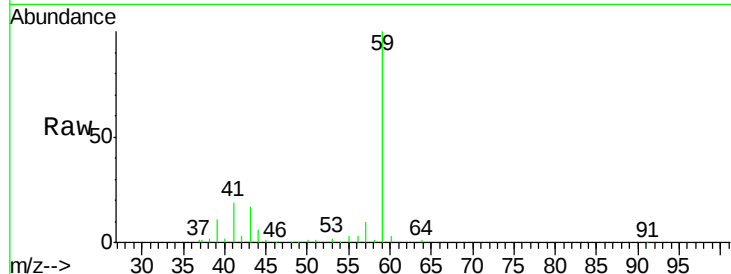
tert-Butyl Alcohol
 Concen: 97.48 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	41772		
52	52	0.1		0.1	0.1

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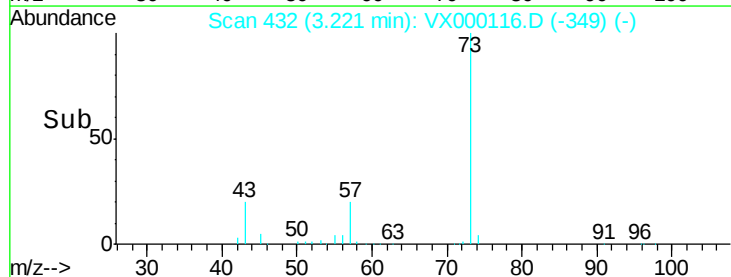
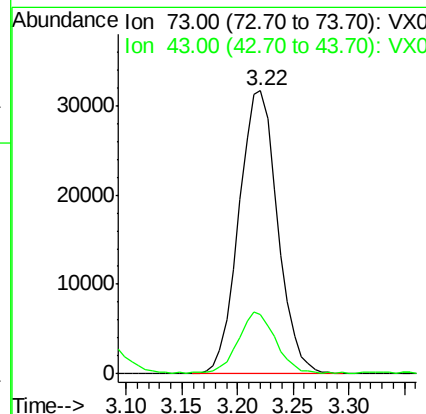
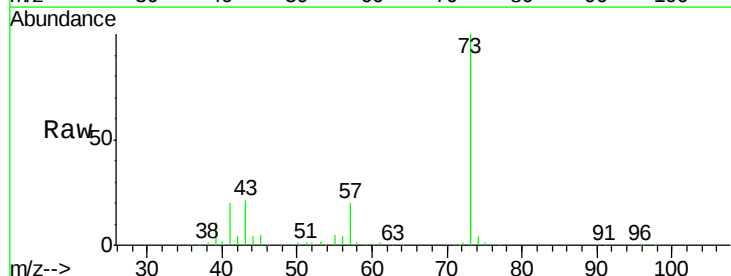
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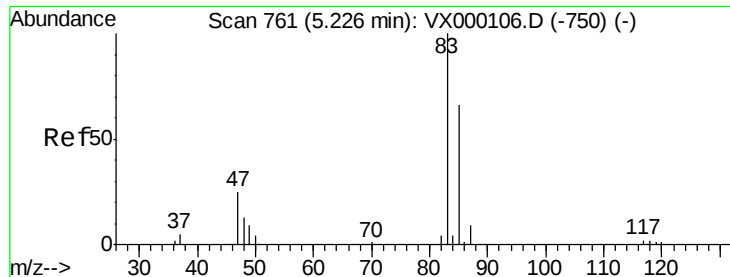


#24

Methyl tert-Butyl Ether
 Concen: 22.96 ug/l
 RT: 3.22 min Scan# 432
 Delta R.T. 0.01 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
73	73	100	76607		
43	43	20.8		16.5	24.7





#25

Chloroform

Concen: 21.54 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

Tot Ion: 83 Resp: 36692

Ion Ratio Lower Upper

83 100

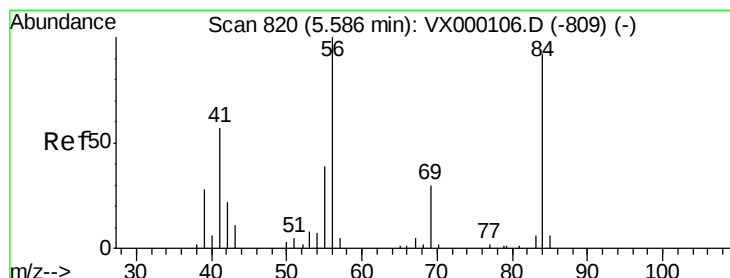
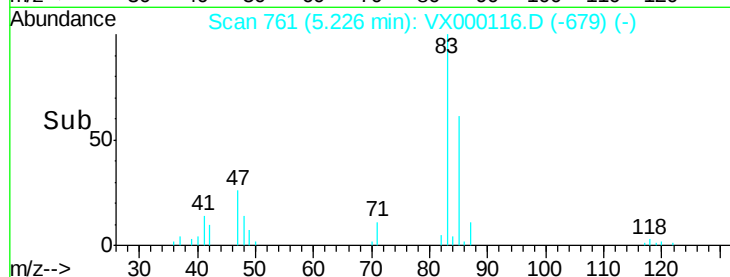
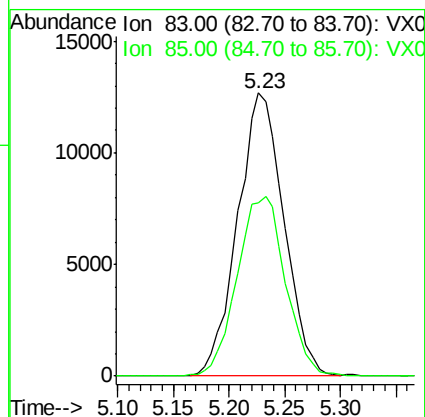
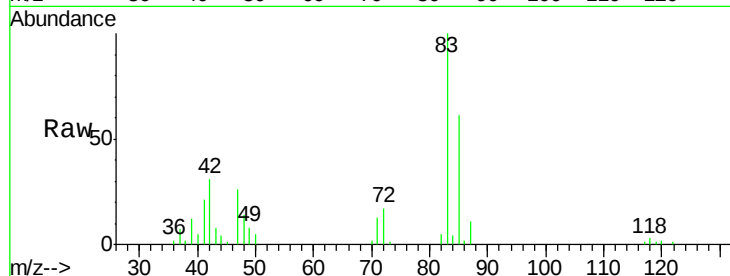
85 60.8 52.5 78.7

Manual Integrations

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#26

Cyclohexane

Concen: 21.80 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

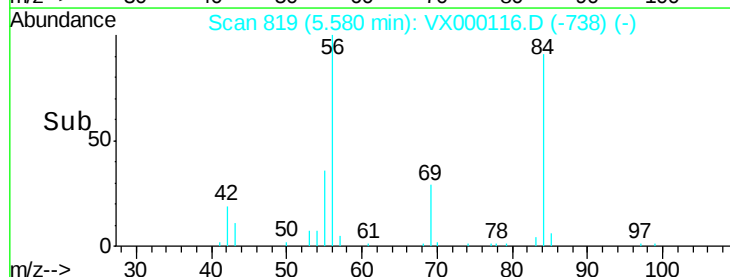
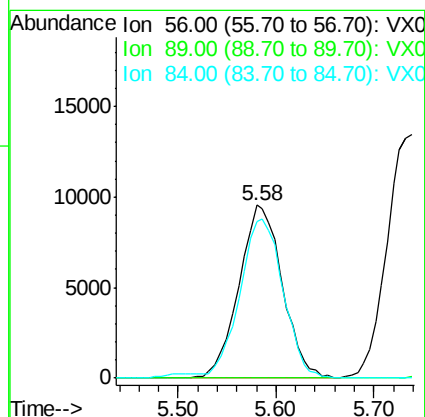
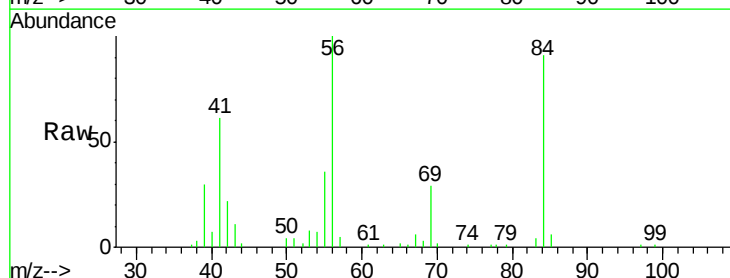
Tgt Ion: 56 Resp: 29364

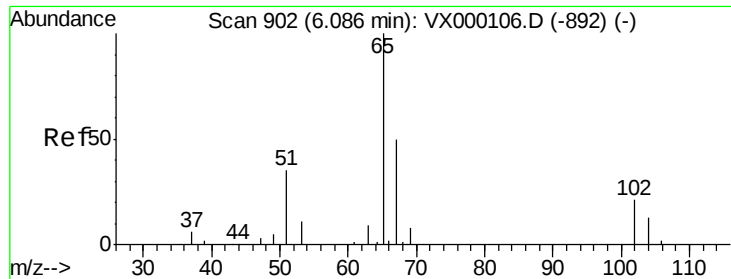
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.6 74.8 112.2





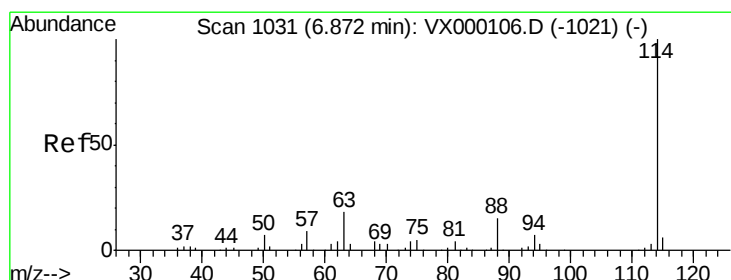
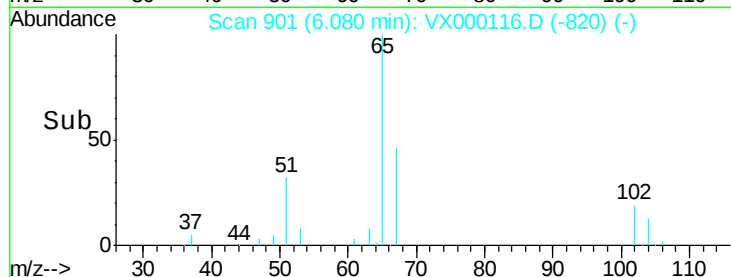
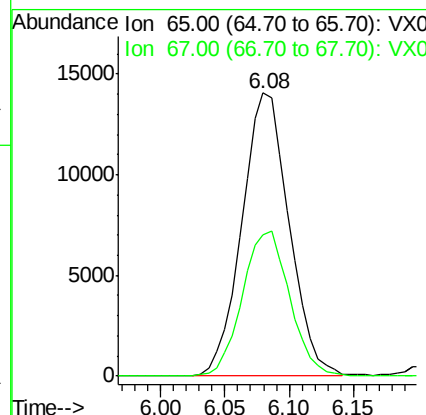
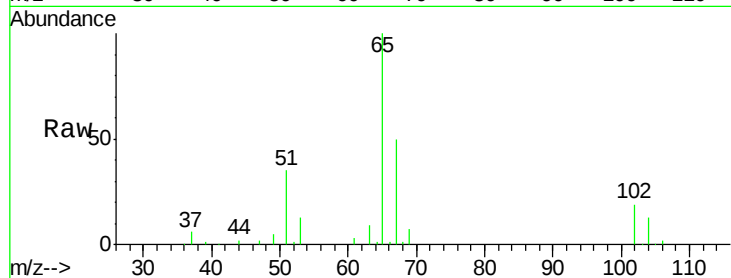
#27
 1,2-Dichloroethane-d4
 Concen: 31.90 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	41.4	62.2

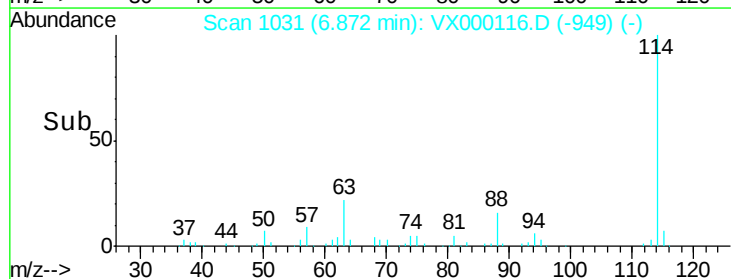
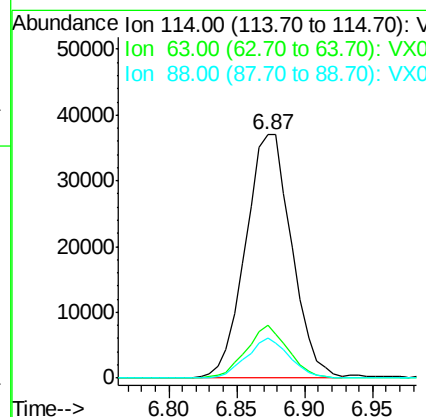
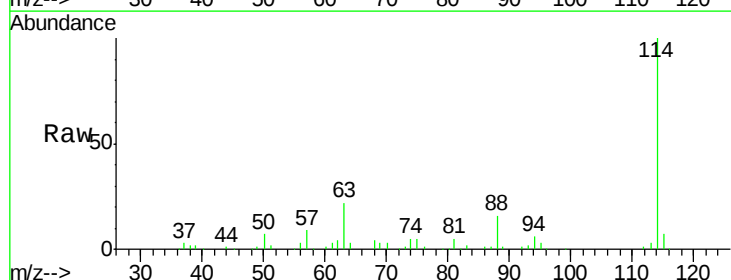
Manual Integrations
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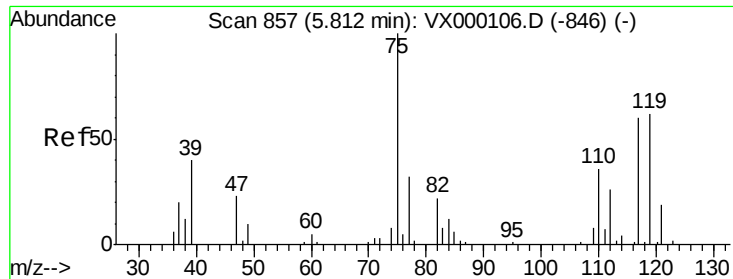
apatel
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#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	15.0	22.4
88	15.2	11.8	17.8





#29

1,1-Dichloropropene

Concen: 22.20 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.00 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

Instrument :

MSVOA_X

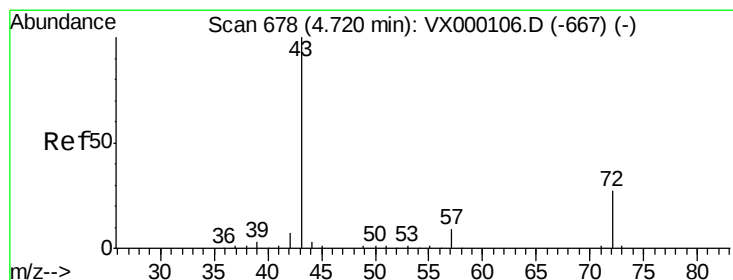
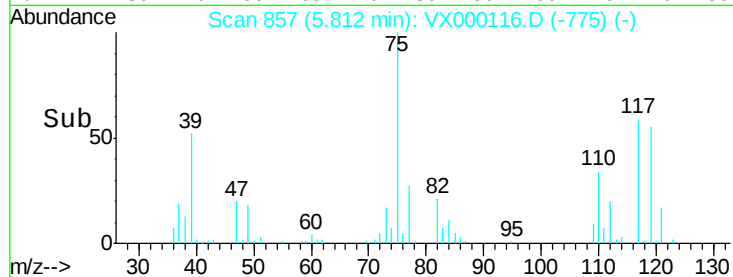
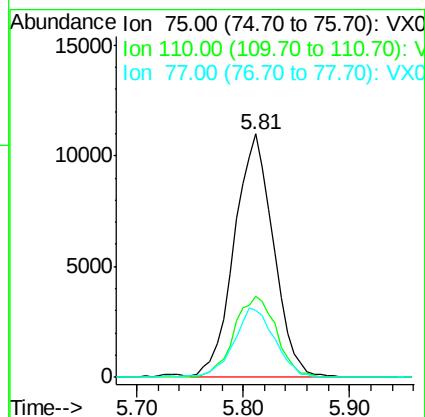
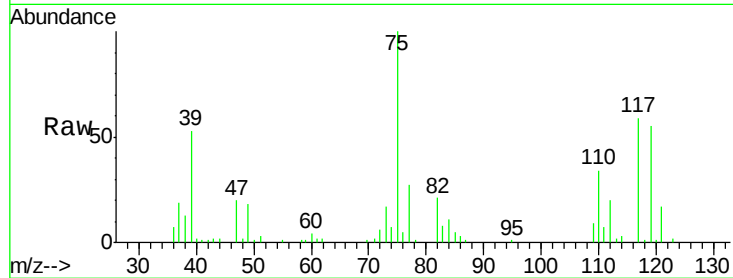
ClientSampled :

VX0220WBS01

Tot Ion:	75	Resp:	28399
Ion Ratio	Lower	Upper	
75	100		
110	35.7	0.0	75.6
77	29.1	0.0	62.6

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#30

2-Butanone

Concen: 99.37 ug/l

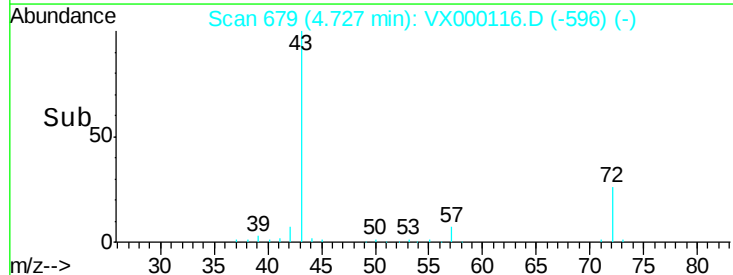
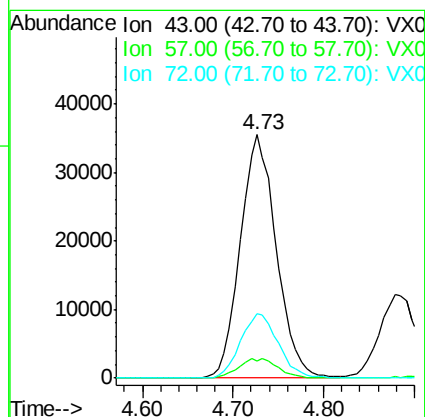
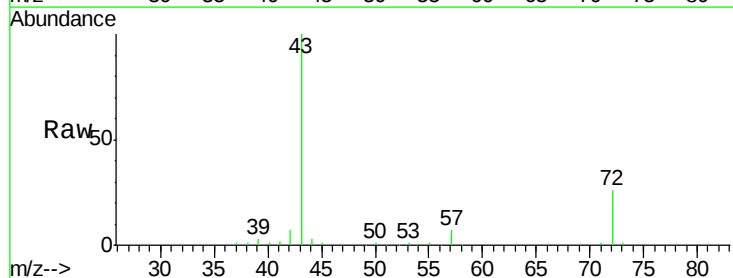
RT: 4.73 min Scan# 679

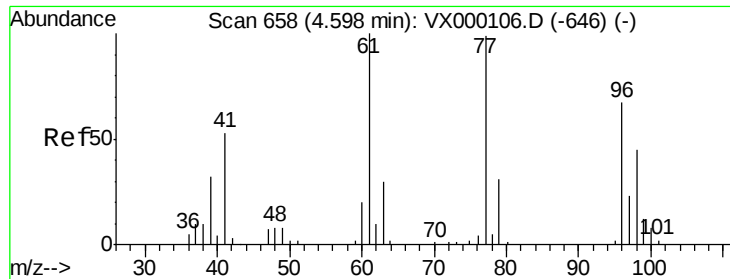
Delta R.T. 0.01 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

Tgt Ion:	43	Resp:	97840
Ion Ratio	Lower	Upper	
43	100		
57	8.4	6.6	10.0
72	27.4	21.8	32.6





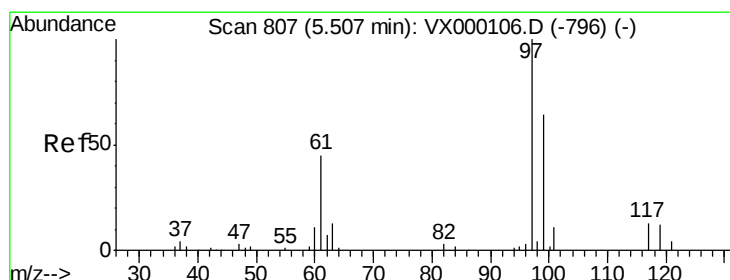
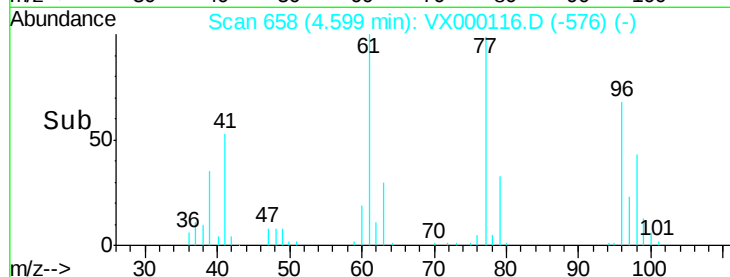
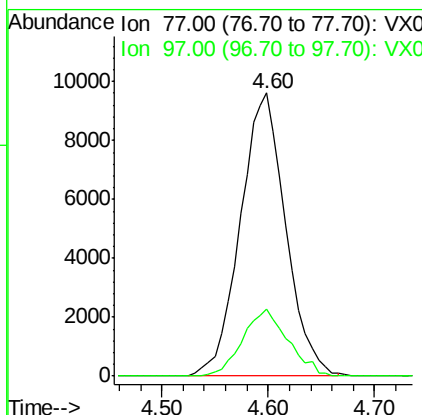
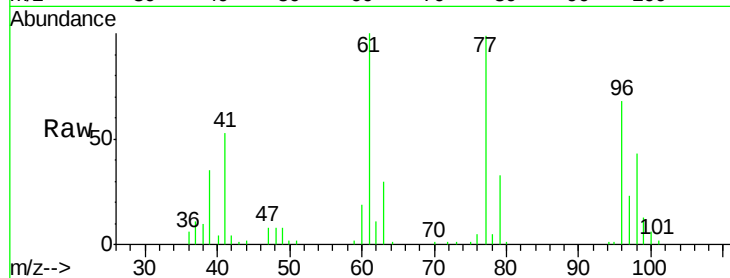
#31
 2,2-Dichloropropane
 Concen: 20.87 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Instrument :
 MSVOA_X
 ClientSampled :
 VX0220WBS01

Tot Ion: 77 Resp: 28709
 Ion Ratio Lower Upper
 77 100
 97 23.5 18.6 27.8

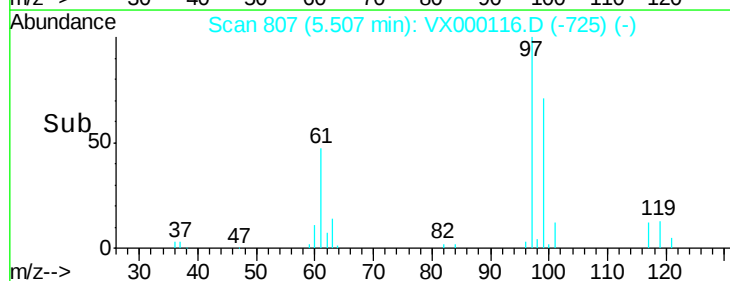
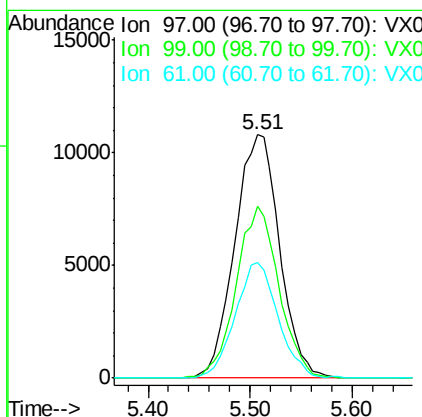
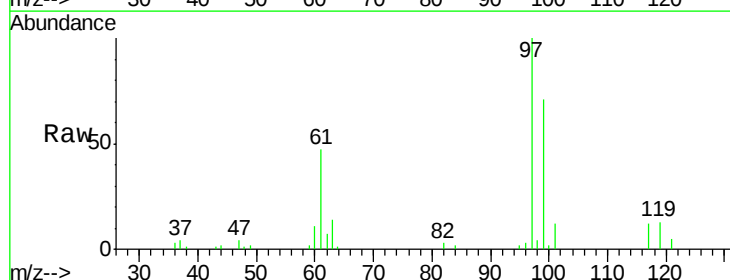
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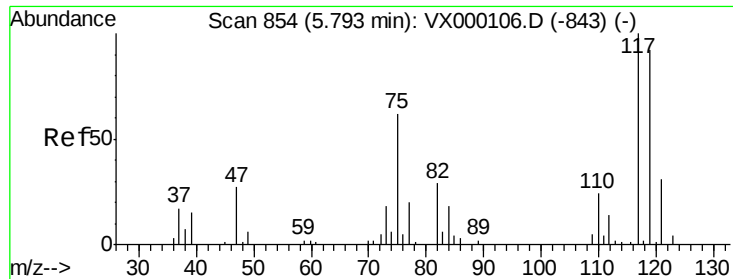
apatel
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#32
 1,1,1-Trichloroethane
 Concen: 21.34 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Tgt Ion: 97 Resp: 33022
 Ion Ratio Lower Upper
 97 100
 99 67.2 52.3 78.5
 61 45.2 34.3 51.5





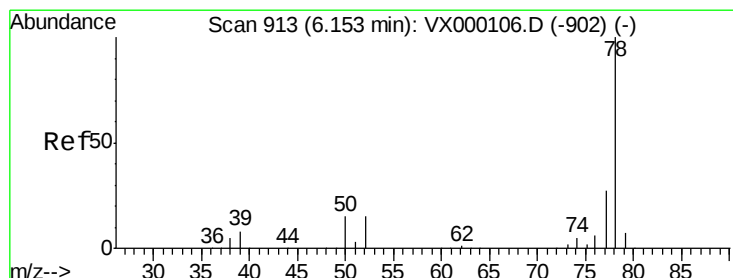
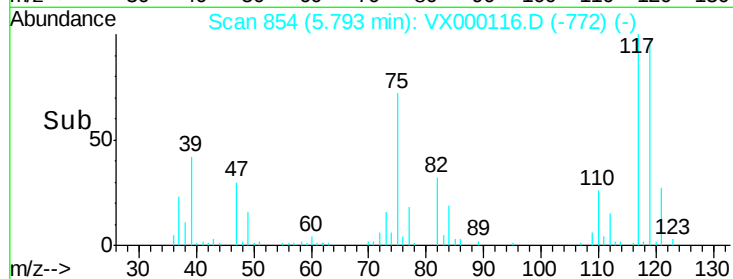
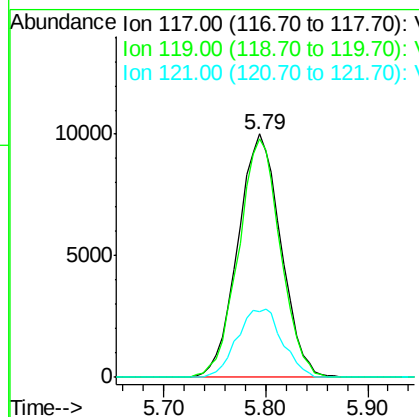
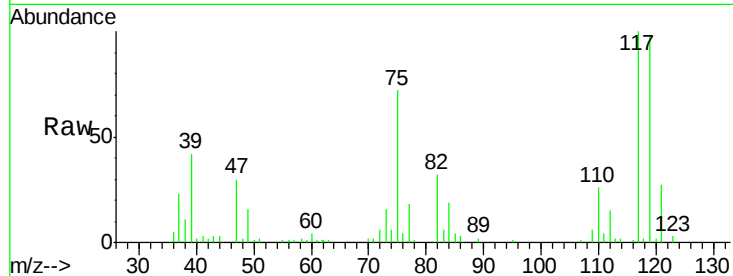
#33
Carbon Tetrachloride
Concen: 21.31 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	98.1	73.5	110.3
121	27.2	24.6	37.0

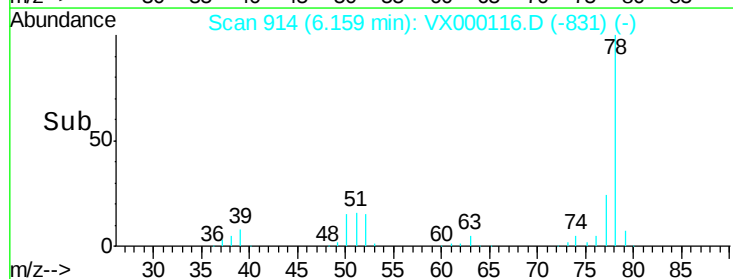
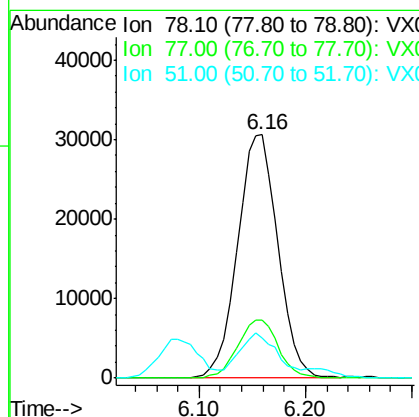
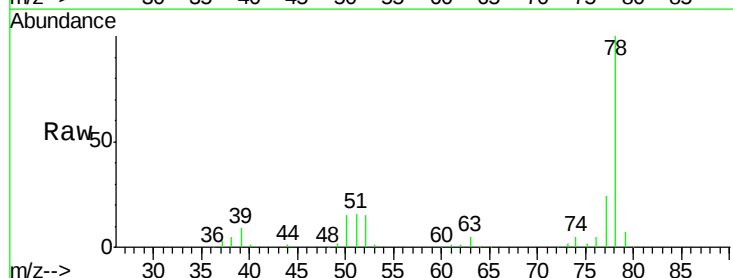
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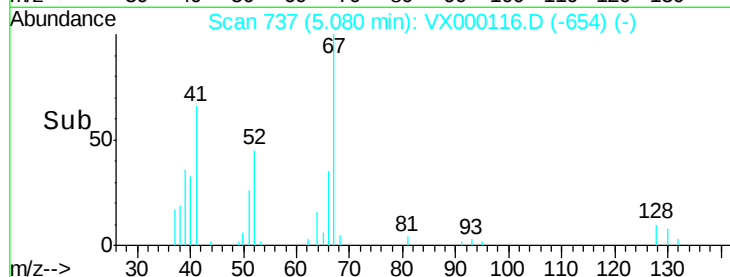
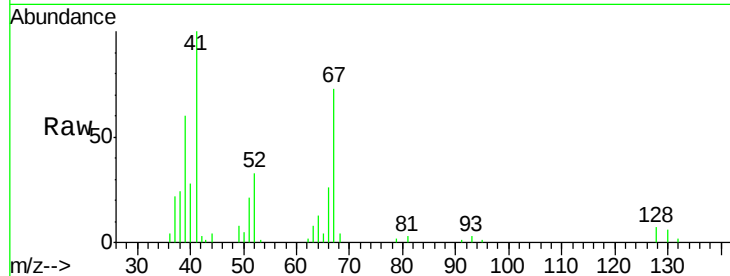
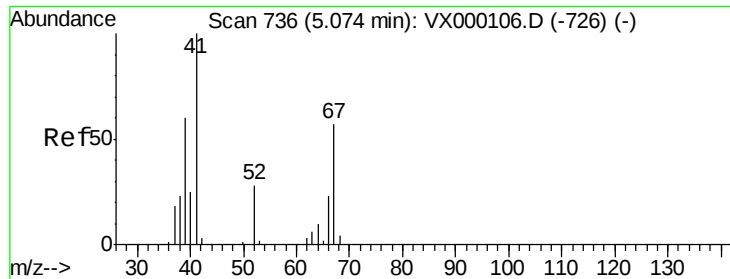
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#34
Benzene
Concen: 22.12 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	21.7	32.5
51	14.4	14.9	22.3#





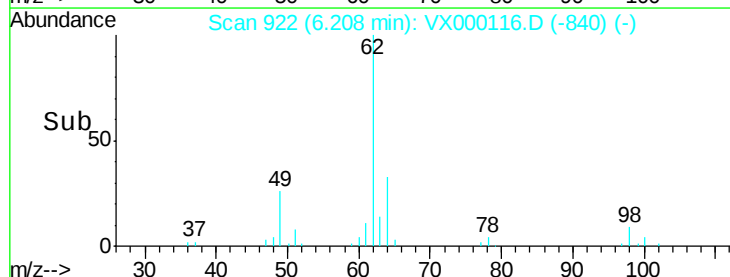
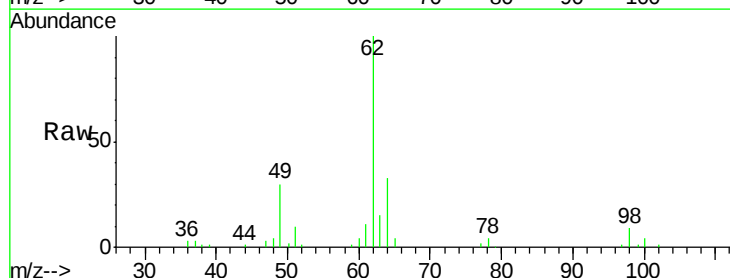
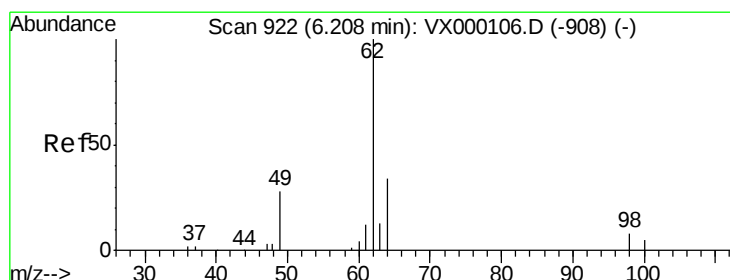
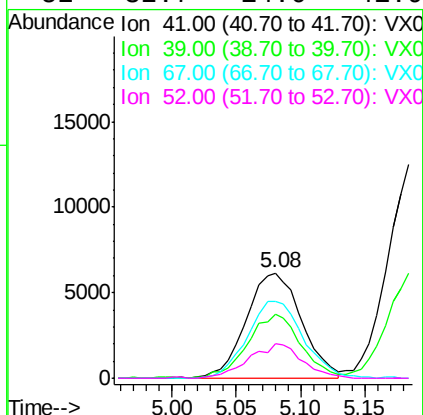
#35
Methacrylonitrile
Concen: 20.20 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	60.3	29.8	89.3	
67	72.7	28.7	86.3	
52	32.7	14.0	41.9	

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

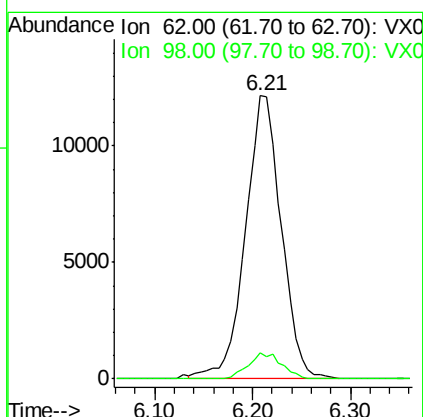
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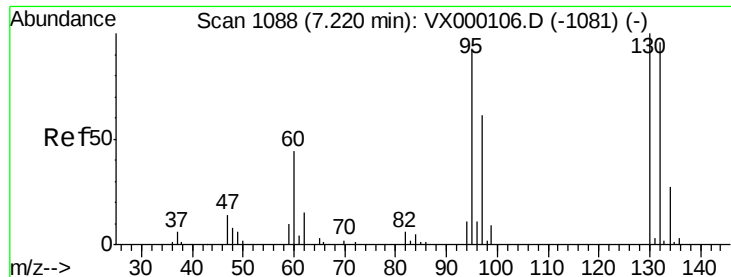
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#36
1,2-Dichloroethane
Concen: 22.14 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
62	100			
98	8.5	6.9	10.3	





#37

Trichloroethene

Concen: 21.69 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

Instrument :

MSVOA_X

ClientSampled :

VX0220WBS01

Tot Ion:130 Resp: 23596

Ion Ratio Lower Upper

130 100

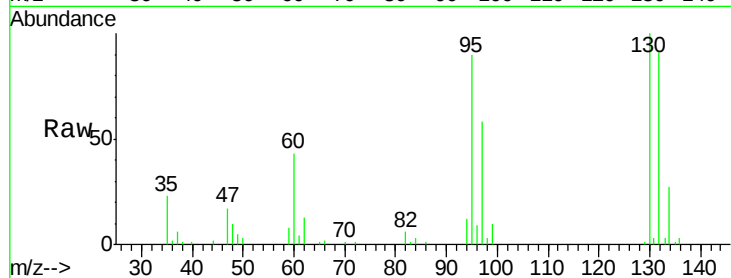
95 89.8 74.6 112.0

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

12000

10000

8000

6000

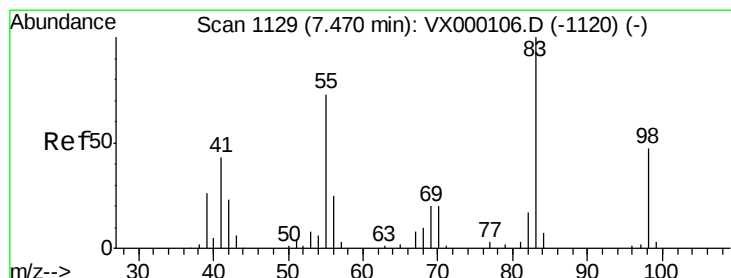
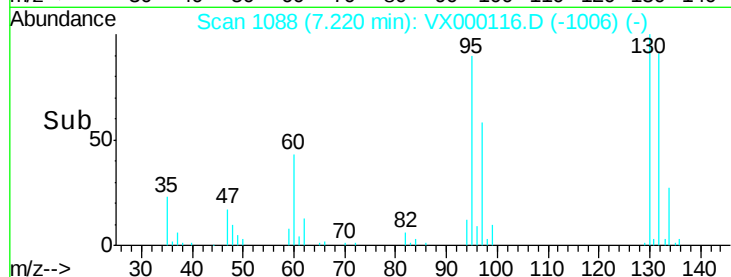
4000

2000

0

7.15 7.20 7.25 7.30 7.35

Time-->



#38

Methylcyclohexane

Concen: 20.76 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.00 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

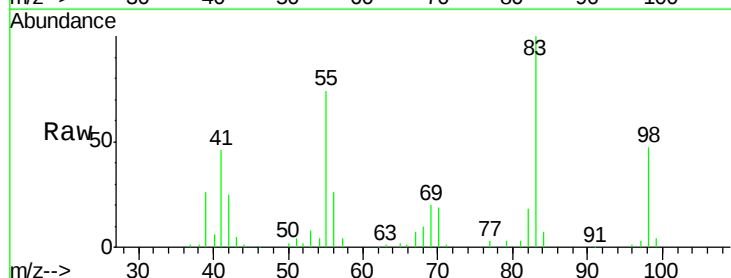
Tgt Ion: 83 Resp: 31828

Ion Ratio Lower Upper

83 100

55 72.8 35.9 107.7

98 49.2 24.6 74.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

20000

15000

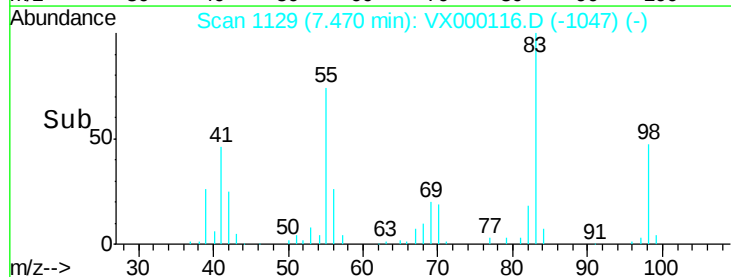
10000

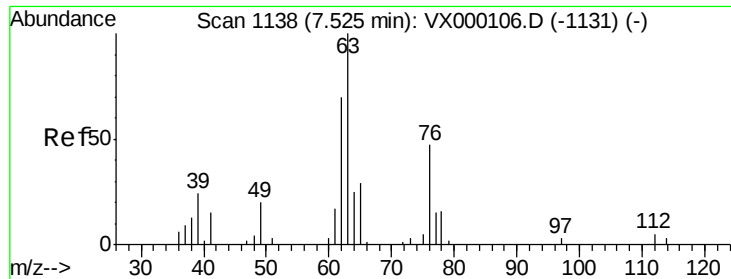
5000

0

7.40 7.45 7.50 7.55

Time-->





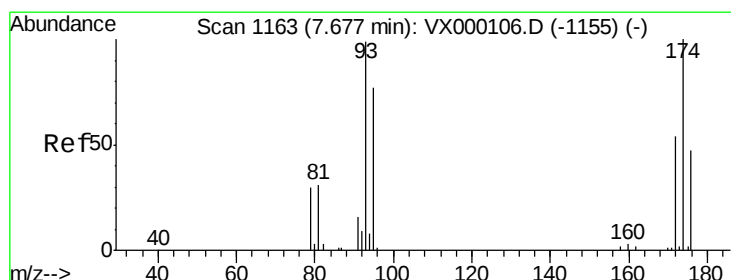
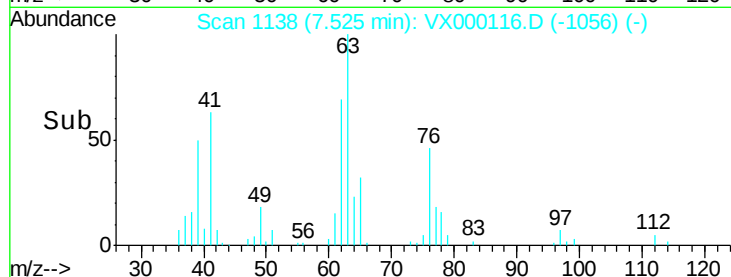
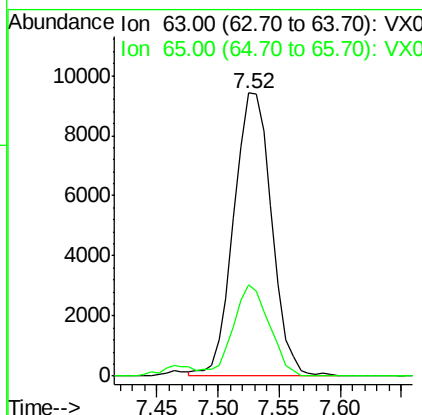
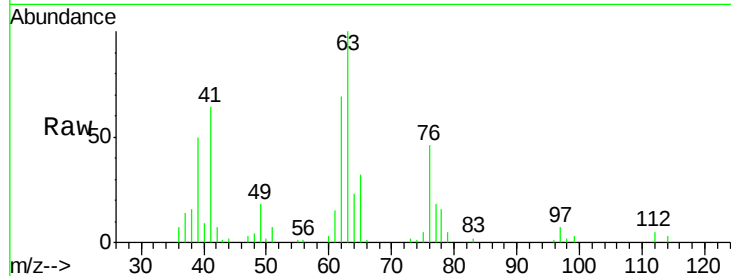
#39
 1,2-Dichloropropane
 Concen: 22.07 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Instrument :
 MSVOA_X
 ClientSampled :
 VX0220WBS01

Tot Ion: 63 Resp: 20276
 Ion Ratio Lower Upper
 63 100
 65 32.4 25.0 37.6

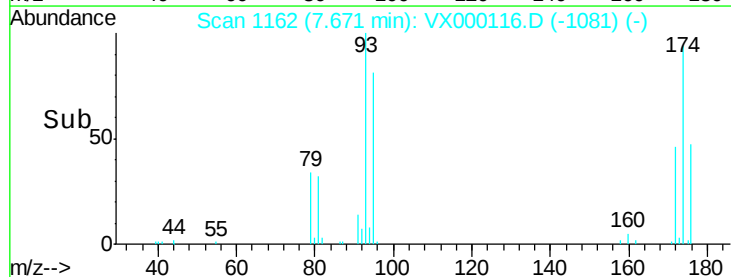
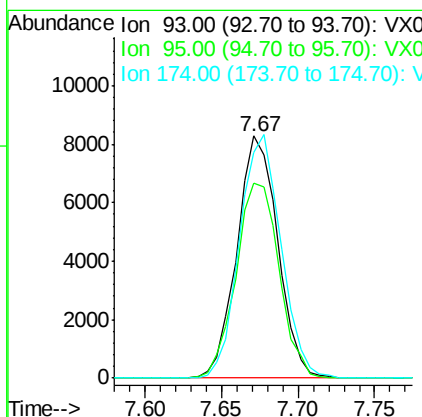
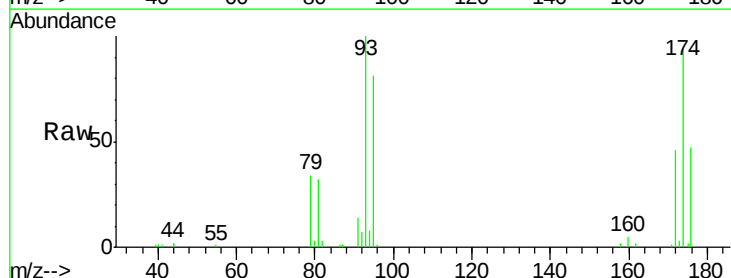
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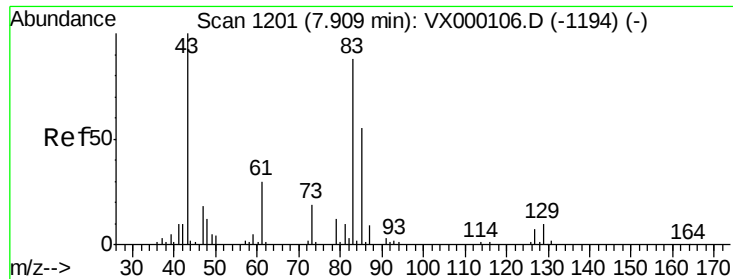
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#40
 Dibromomethane
 Concen: 21.72 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Tgt Ion: 93 Resp: 15379
 Ion Ratio Lower Upper
 93 100
 95 85.2 0.0 170.6
 174 102.0 0.0 210.4





#41

Bromodichloromethane

Concen: 21.50 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

Instrument :

MSVOA_X

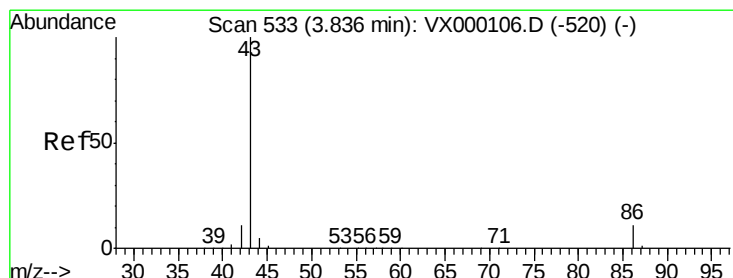
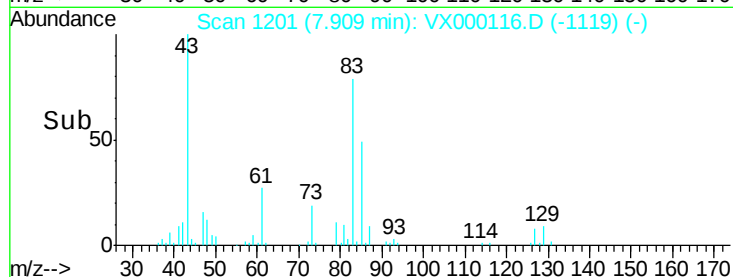
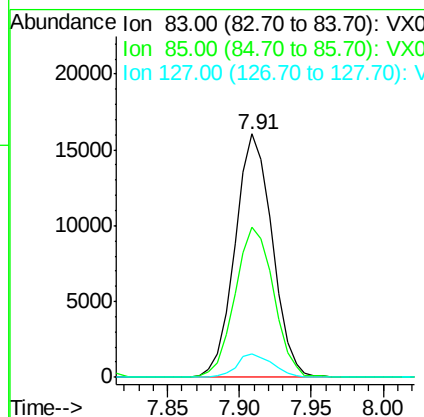
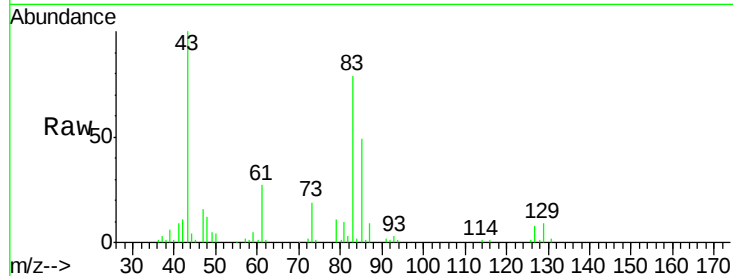
ClientSampleId :

VX0220WBS01

Tot Ion:	83	Resp:	28934
Ion Ratio	Lower	Upper	
83	100		
85	61.8	50.0	75.0
127	9.9	6.6	10.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 105.31 ug/l

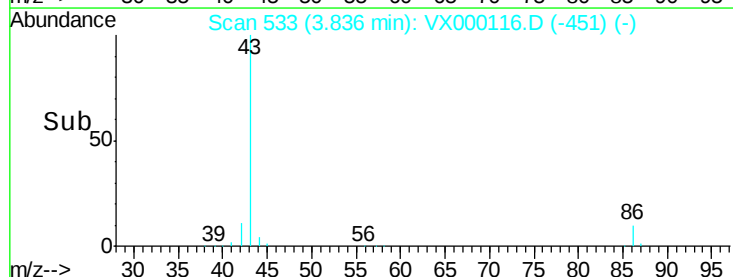
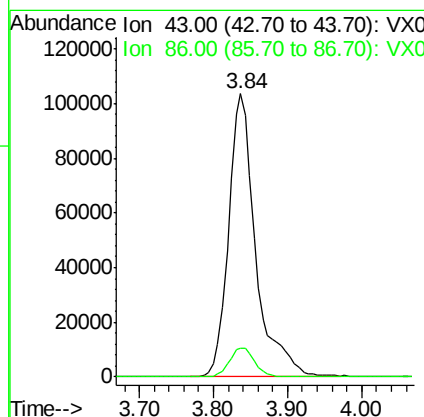
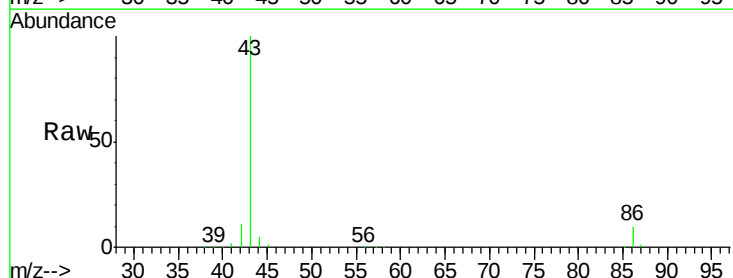
RT: 3.84 min Scan# 533

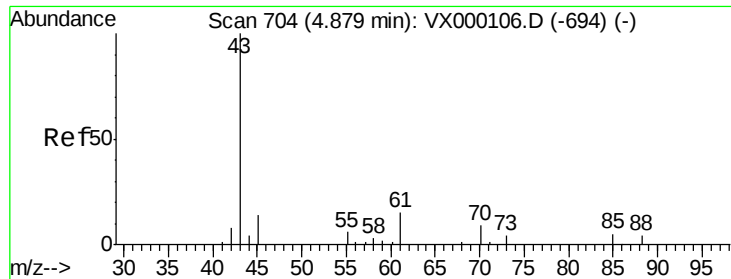
Delta R.T. 0.00 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

Tgt Ion:	43	Resp:	264270
Ion Ratio	Lower	Upper	
43	100		
86	9.4	7.8	11.6





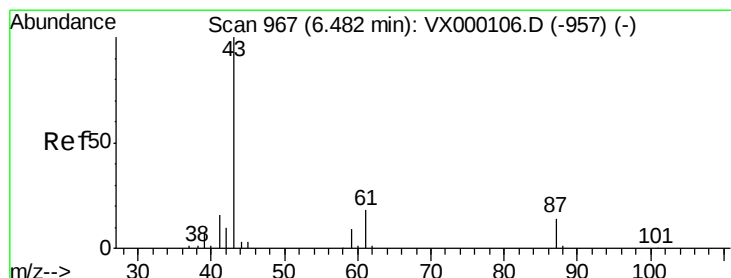
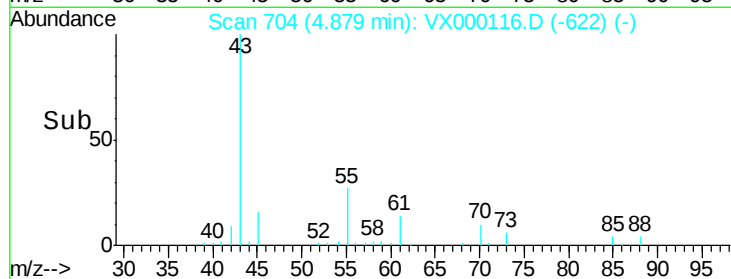
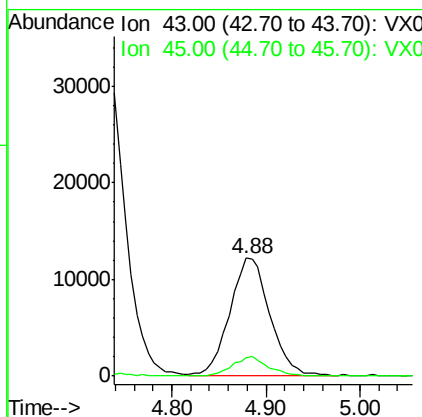
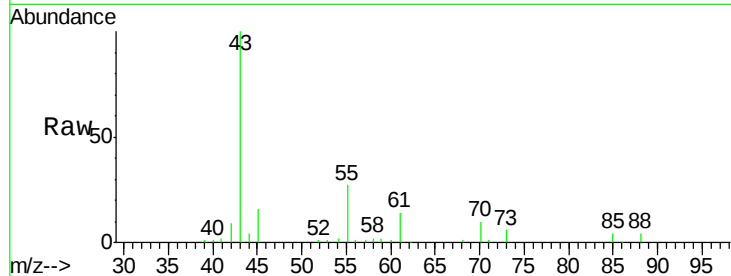
#43
Ethyl Acetate
Concen: 21.06 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion: 43 Resp: 36422
Ion Ratio Lower Upper
43 100
45 14.7 11.4 17.0

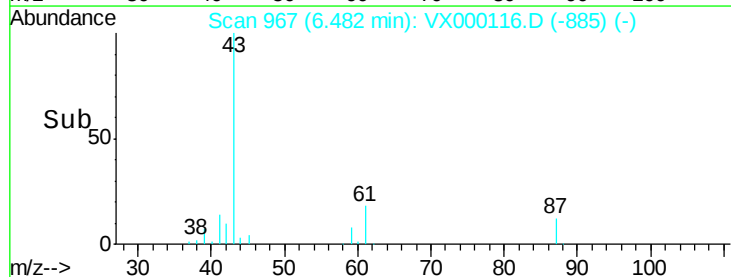
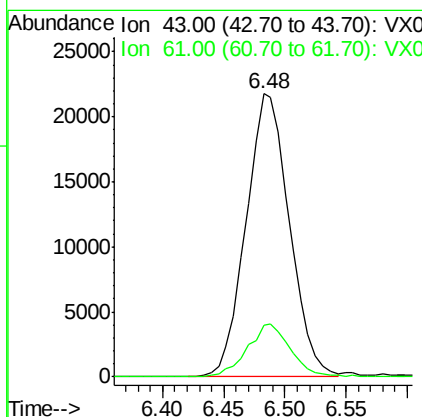
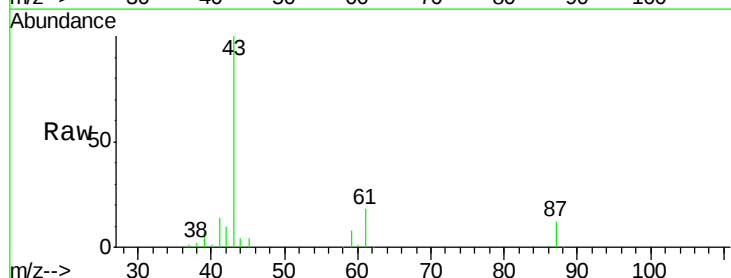
Manual Integrations
APPROVED

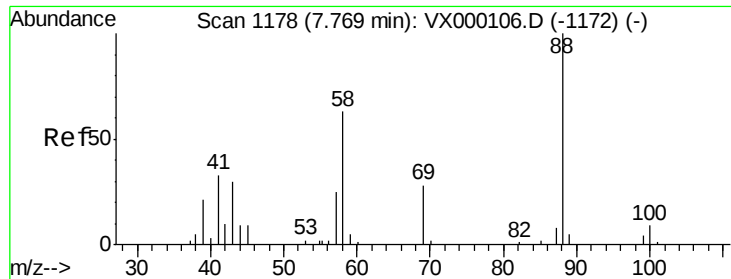
apatel
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#44
Isopropyl Acetate
Concen: 21.22 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Tgt Ion: 43 Resp: 53848
Ion Ratio Lower Upper
43 100
61 18.5 15.7 23.5





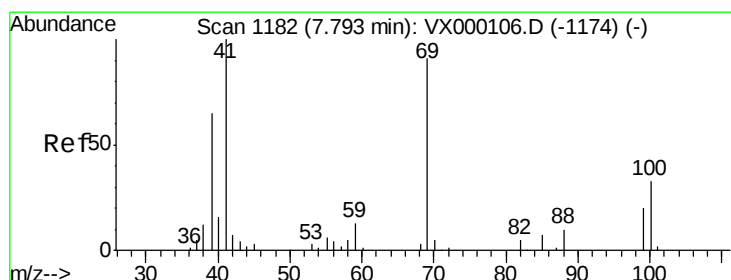
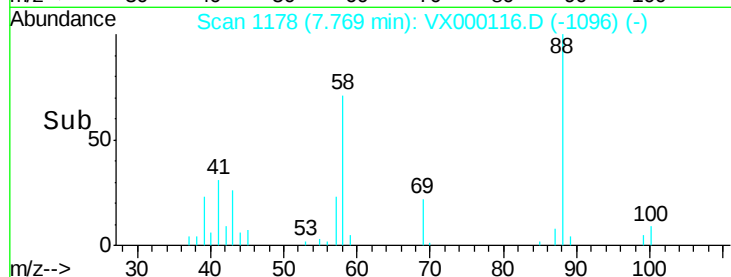
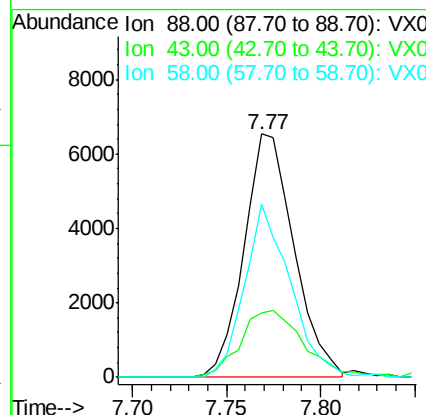
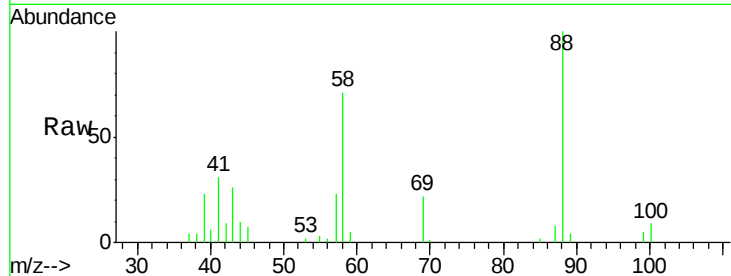
#45
 1,4-Dioxane
 Concen: 377.56 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.0	26.8	40.2
58	65.3	52.1	78.1

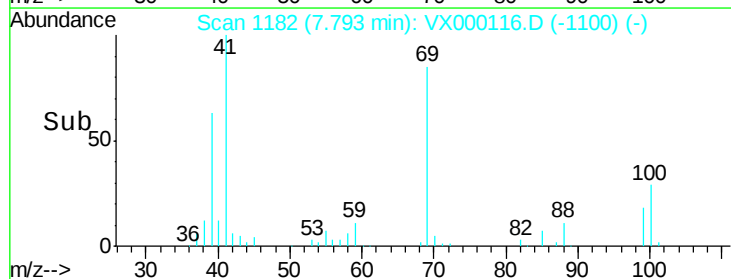
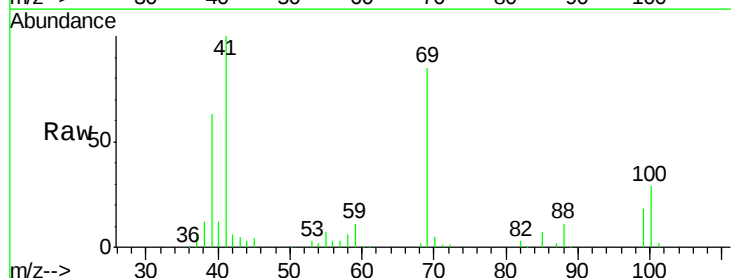
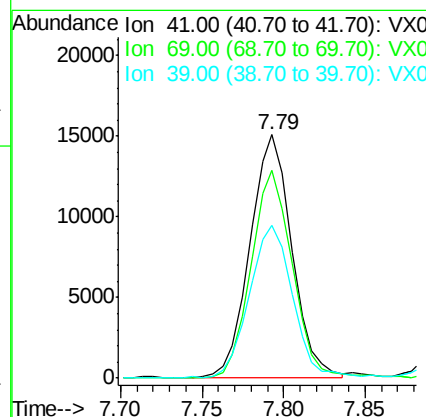
Manual Integrations
 APPROVED

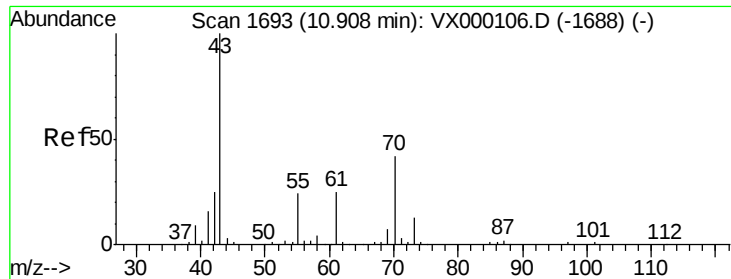
apatel
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#46
 Methyl methacrylate
 Concen: 21.89 ug/l
 RT: 7.79 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.3	45.5	136.5
39	62.1	32.5	97.5





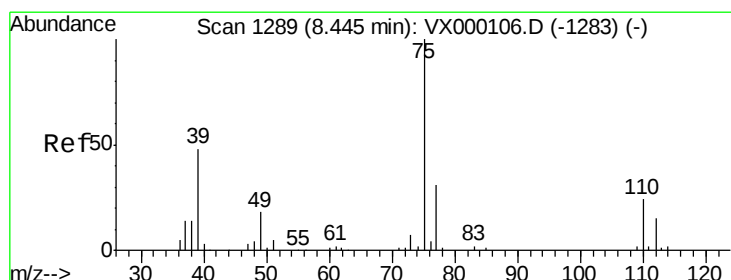
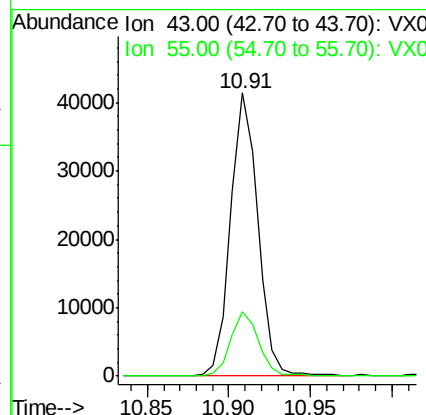
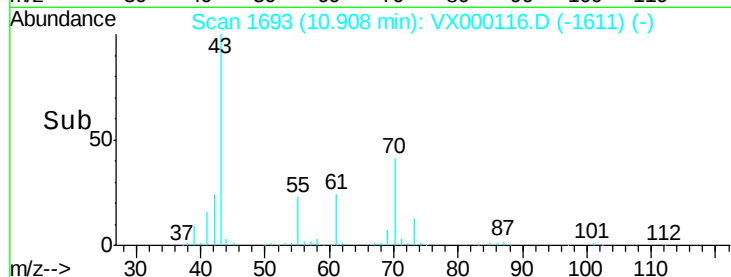
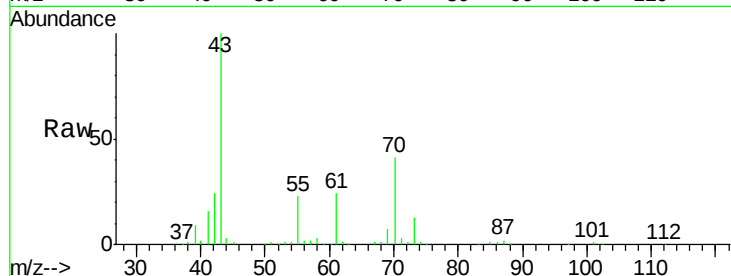
#47
n-amvl Acetate
Concen: 21.83 ug/l
RT: 10.91 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
55	23.0	19.4	29.2

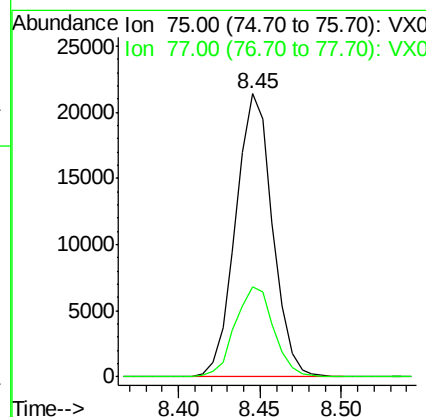
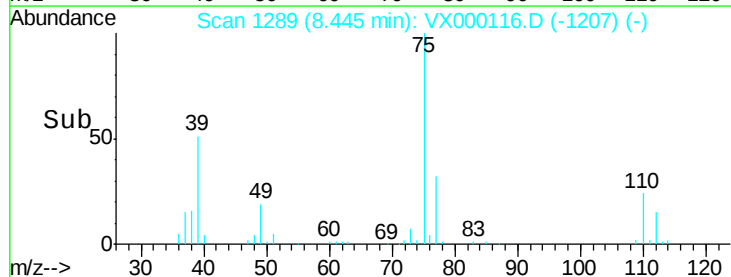
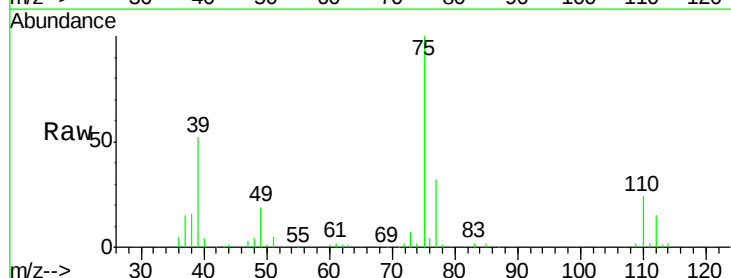
Manual Integrations
APPROVED

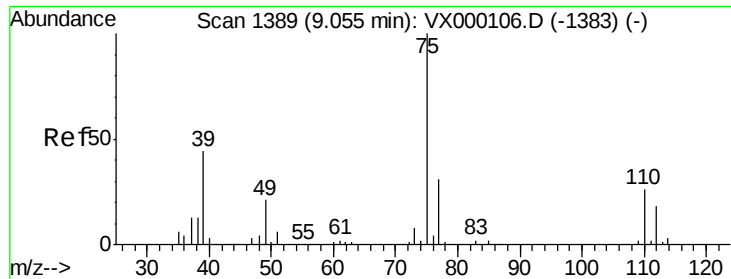
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#48
t-1,3-Dichloropropene
Concen: 21.49 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.6	37.0





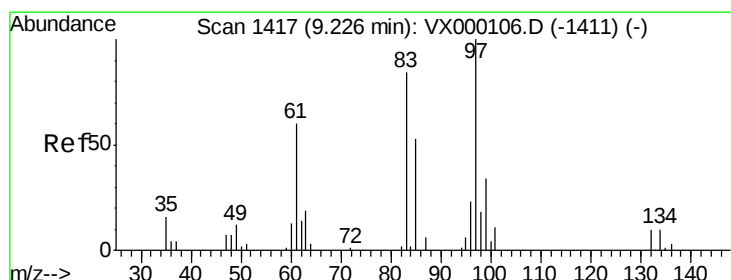
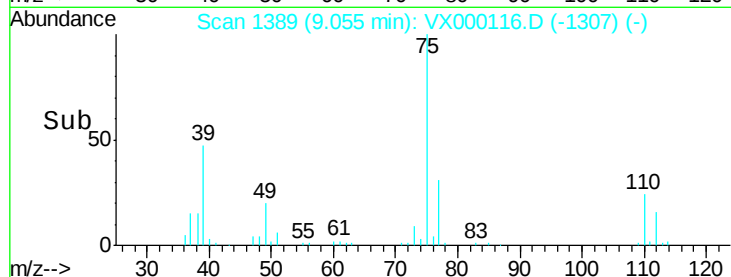
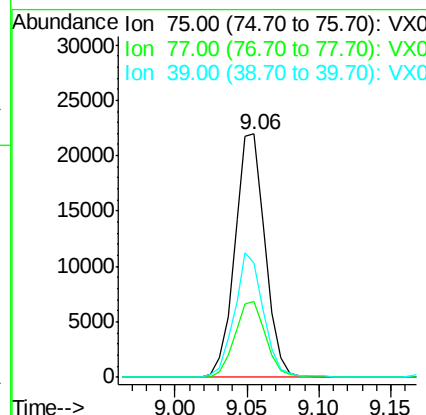
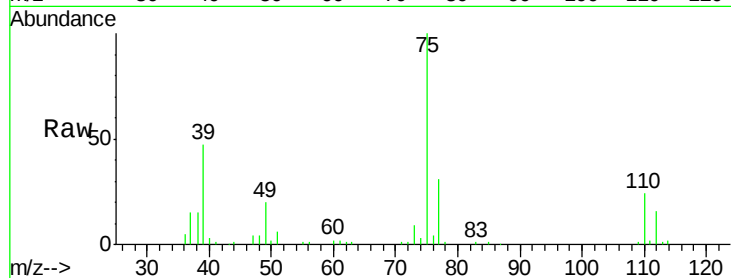
#49
 cis-1,3-Dichloropropene
 Concen: 21.15 ug/l
 RT: 9.06 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.5	36.7
39	47.2	35.6	53.4

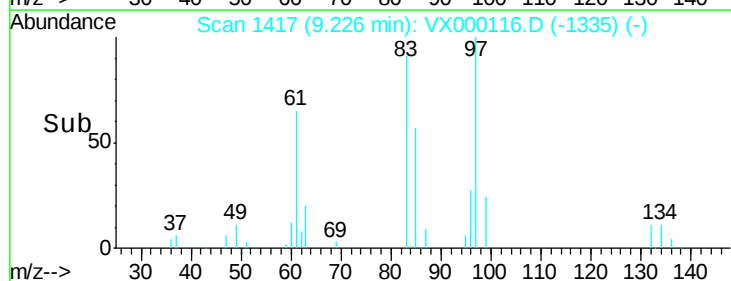
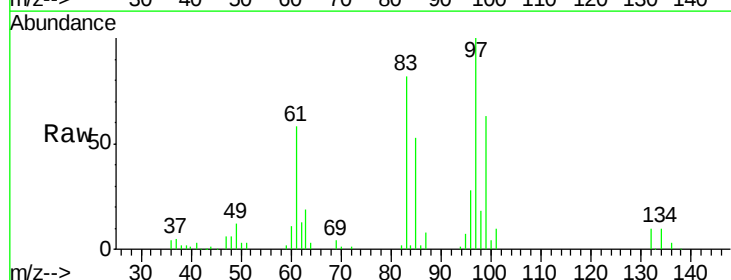
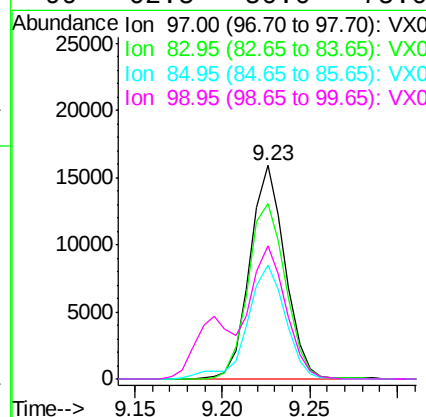
Manual Integrations
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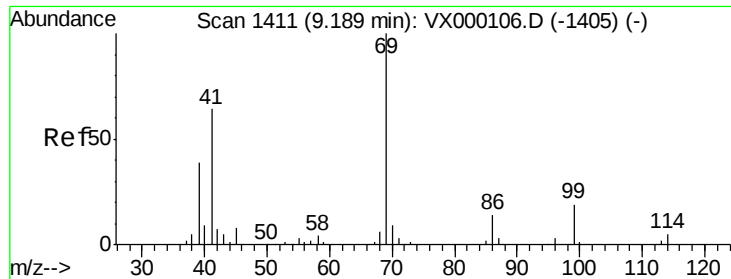
apatel
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#50
 1,1,2-Trichloroethane
 Concen: 21.51 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.1	66.9	100.3
85	53.3	44.4	66.6
99	62.5	50.0	75.0





#51

Ethyl methacrylate

Concen: 21.32 ug/l

RT: 9.20 min Scan# 1412

Delta R.T. 0.01 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

Instrument :

MSVOA_X

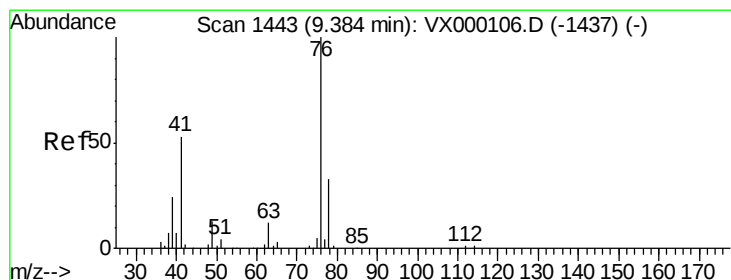
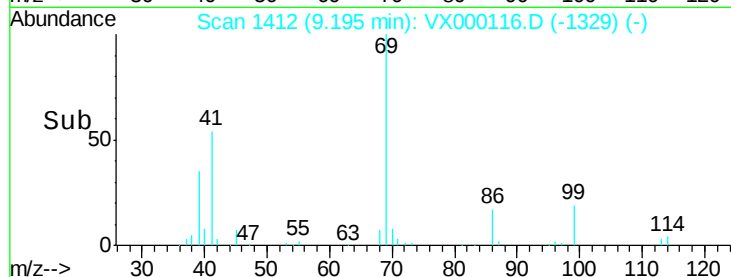
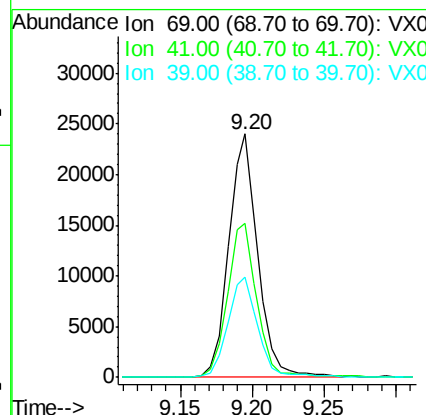
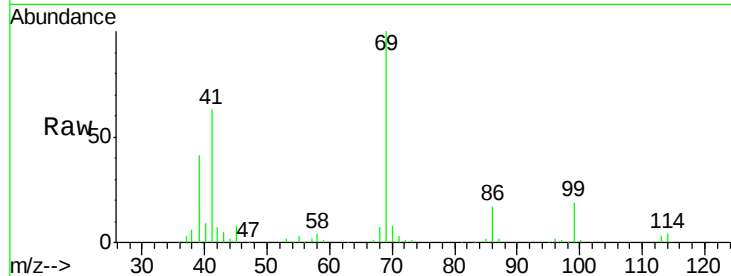
ClientSampleId :

VX0220WBS01

Tot Ion:	69	Resp:	33951
Ion	Ratio	Lower	Upper
69	100		
41	63.0	32.1	96.3
39	40.9	19.6	58.7

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 21.80 ug/l

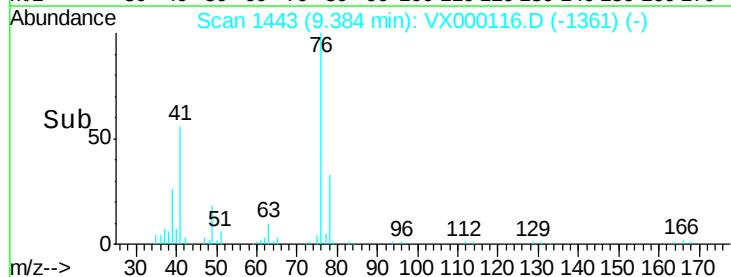
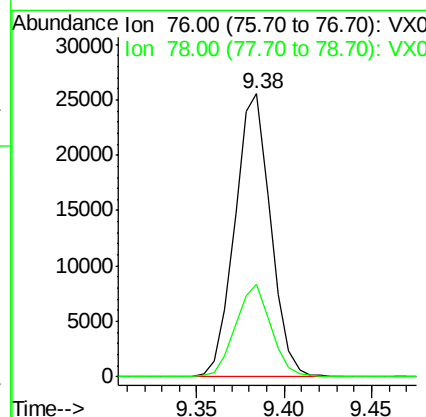
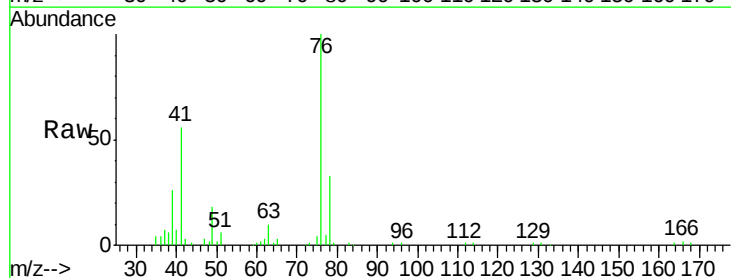
RT: 9.38 min Scan# 1443

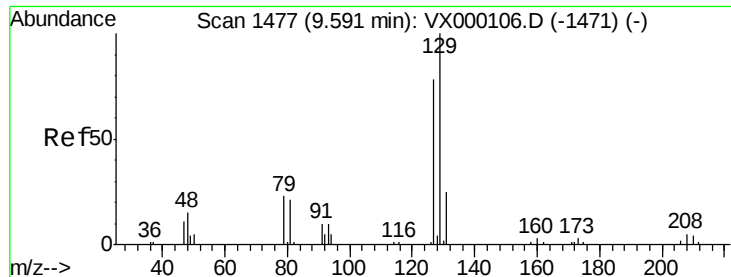
Delta R.T. 0.00 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

Tgt Ion:	76	Resp:	36355
Ion	Ratio	Lower	Upper
76	100		
78	32.2	0.0	65.0





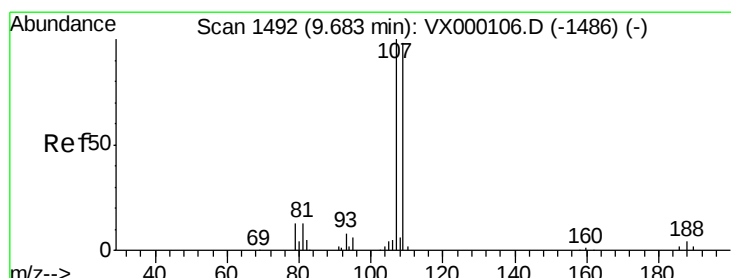
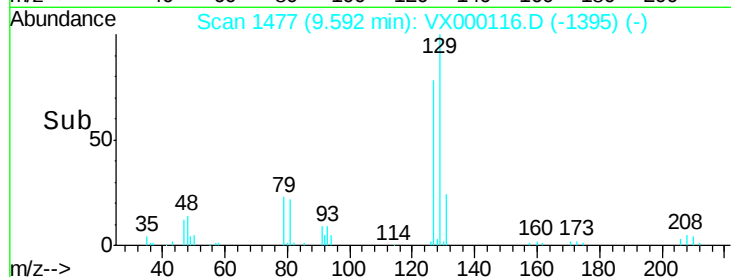
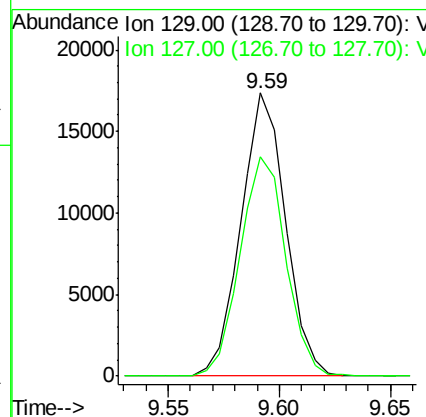
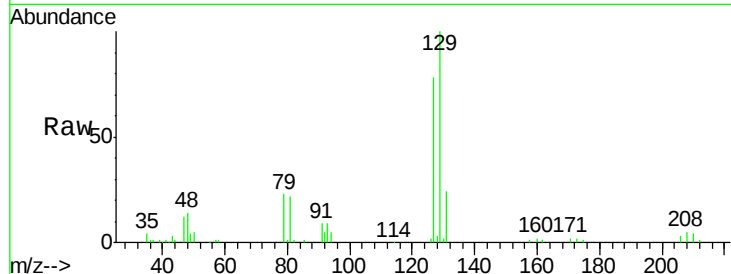
#53
 Dibromochloromethane
 Concen: 20.94 ug/l
 RT: 9.59 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBS01

Tot Ion	Ratio	Lower	Upper
129	100		
127	80.0	37.5	112.5

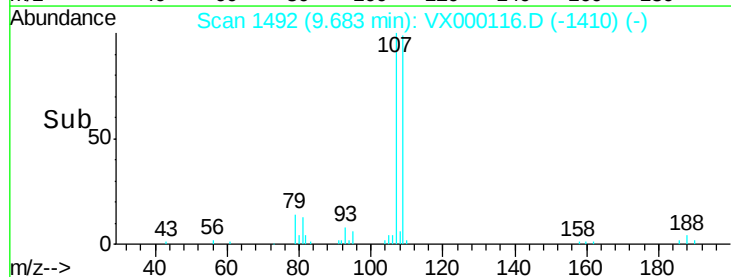
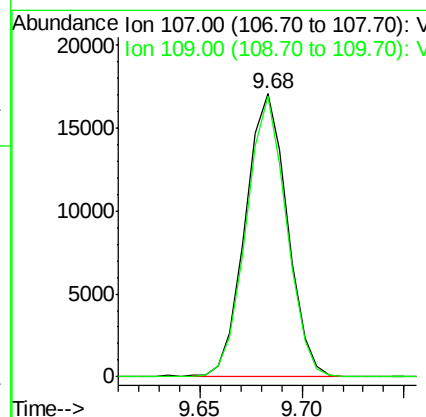
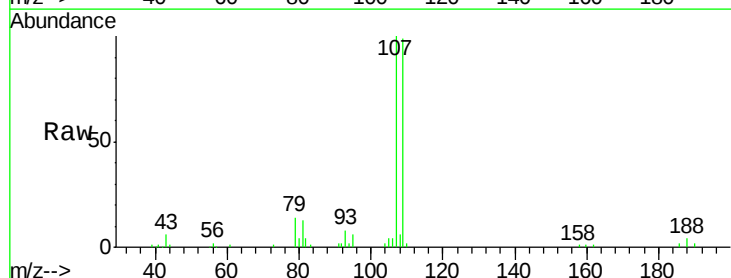
Manual Integrations
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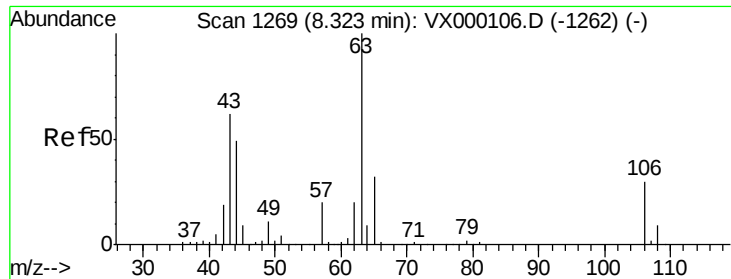
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#54
 1,2-Dibromoethane
 Concen: 21.03 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.2	74.5	111.7





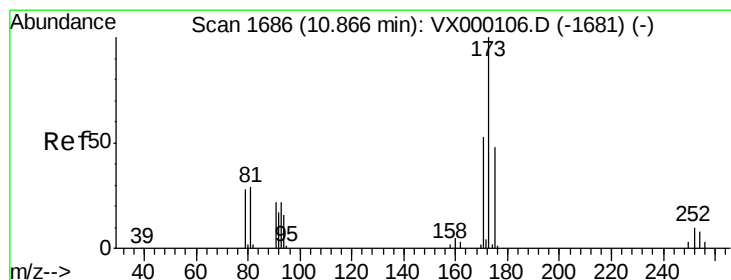
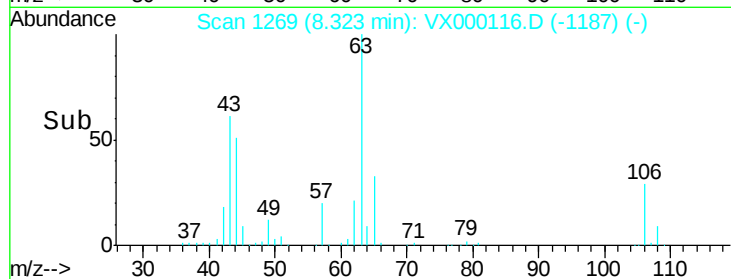
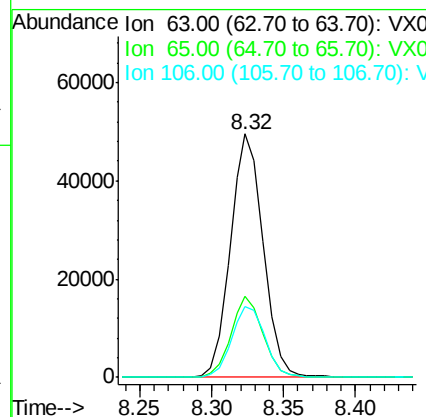
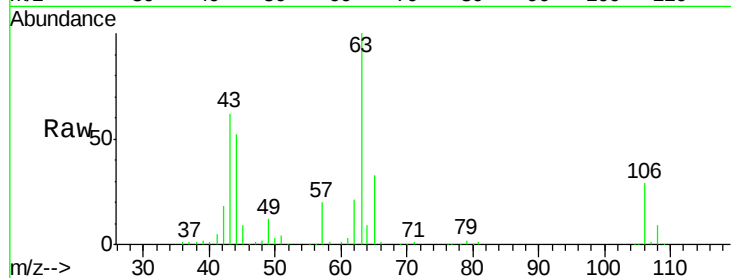
#55
2-Chloroethyl vinyl ether
Concen: 113.47 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.8	38.8
106	29.8	23.8	35.6

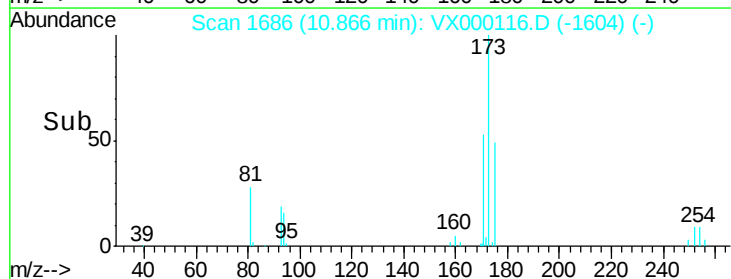
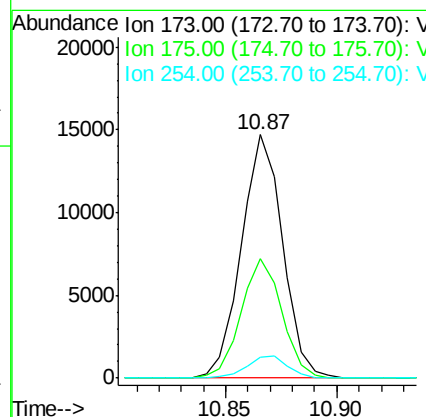
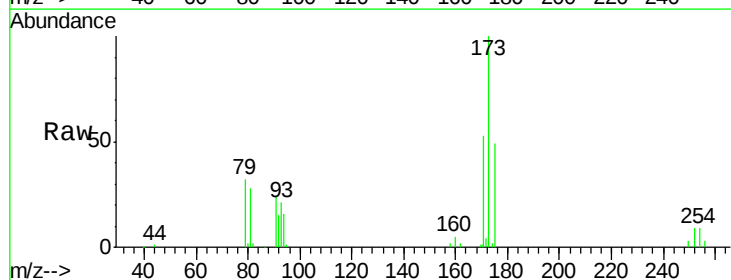
Manual Integrations
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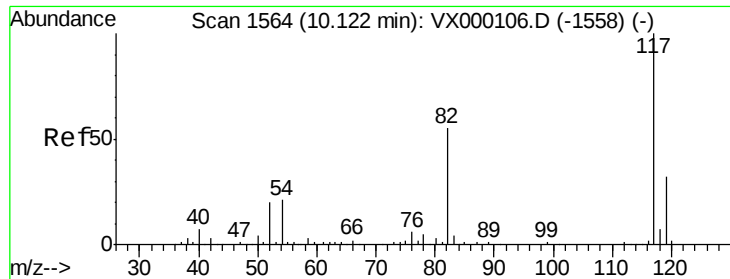
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#56
Bromoform
Concen: 20.31 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.0	58.4
254	8.9	7.0	10.4





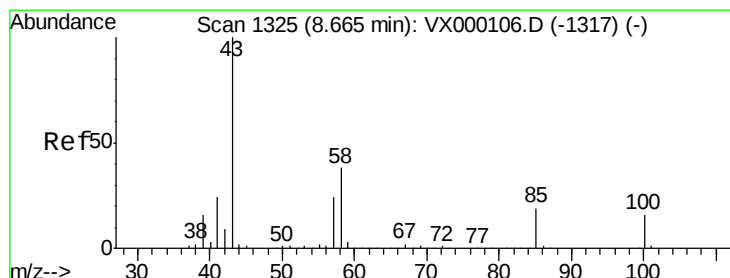
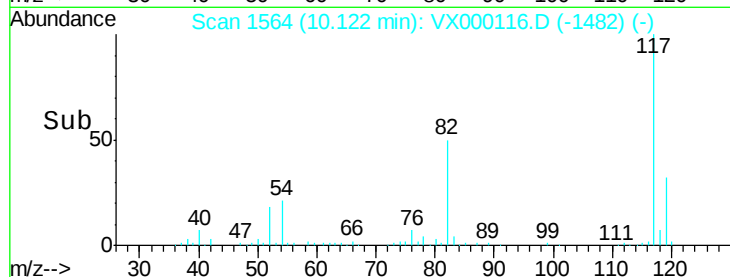
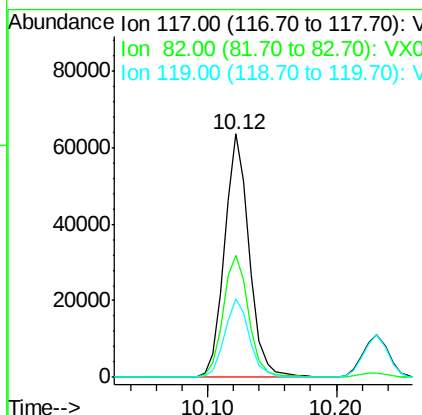
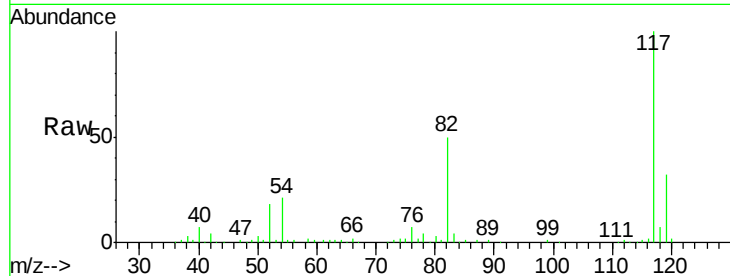
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Instrument :
MSVOA_X
ClientSampled :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	43.0	64.4
119	32.2	25.8	38.8

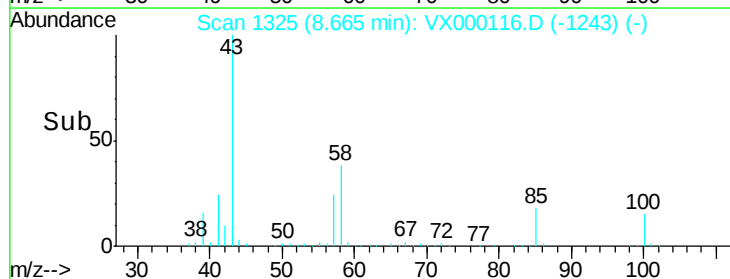
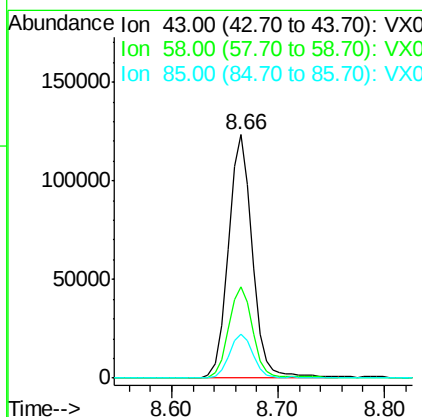
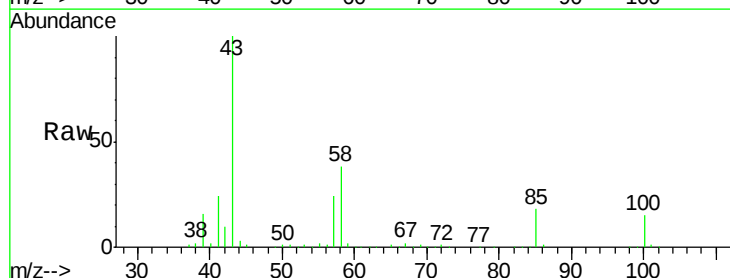
Manual Integrations
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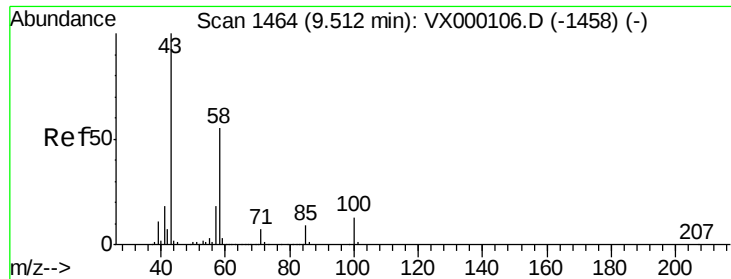
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#58
4-Methyl-2-Pentanone
Concen: 104.35 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.4	29.8	44.8
85	17.9	14.9	22.3





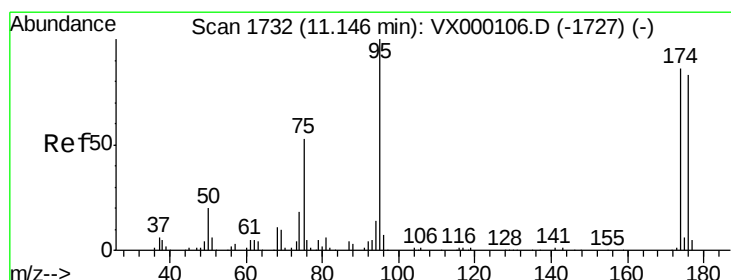
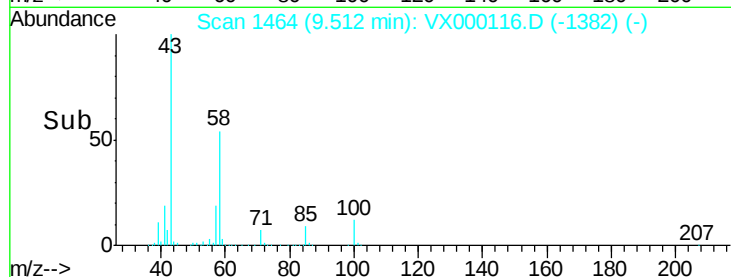
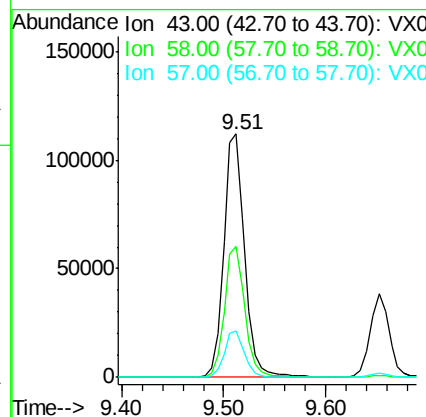
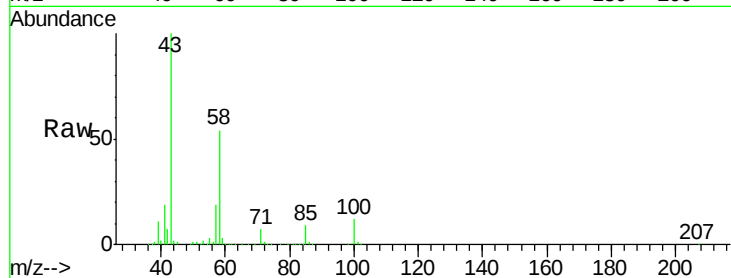
#59
2-Hexanone
Concen: 100.50 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.6	43.0	64.6
57	18.3	14.4	21.6

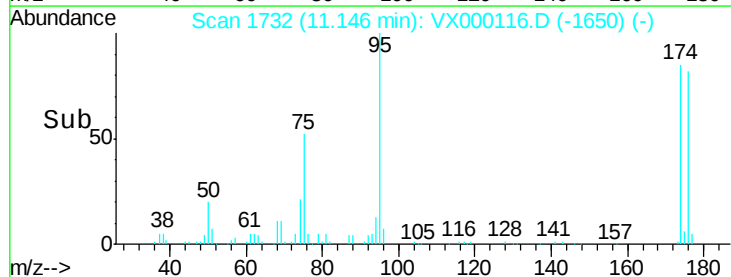
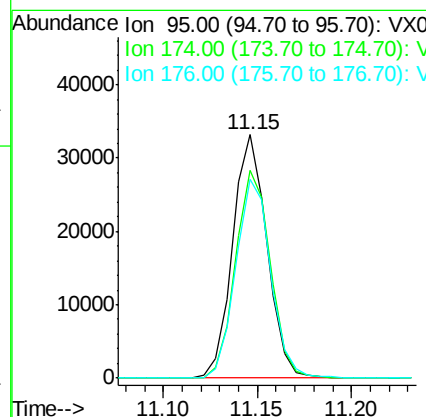
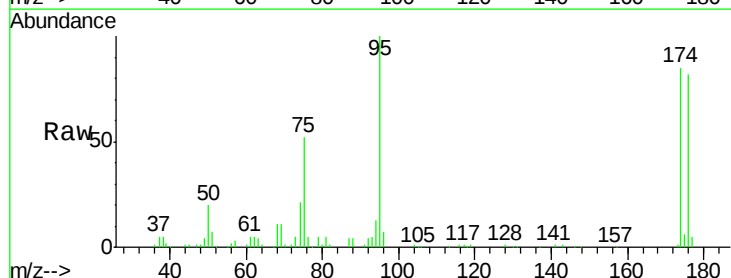
Manual Integrations
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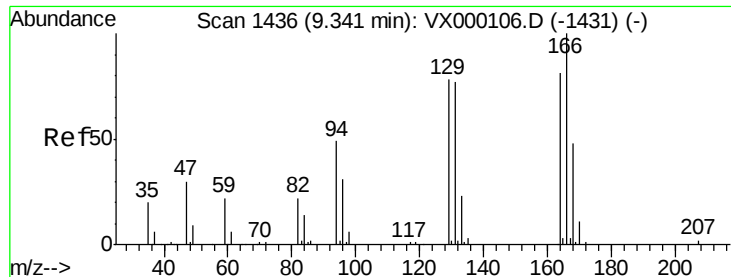
apatel
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#60
4-Bromofluorobenzene
Concen: 29.86 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.5	71.1	106.7
176	83.5	69.3	103.9





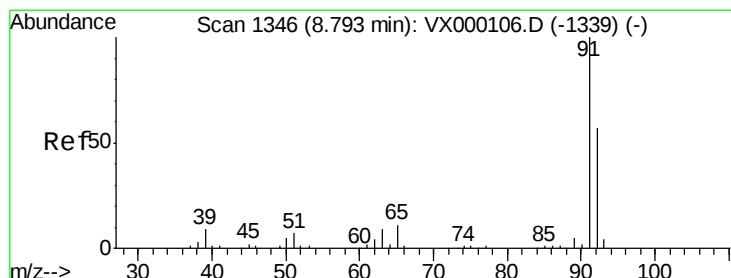
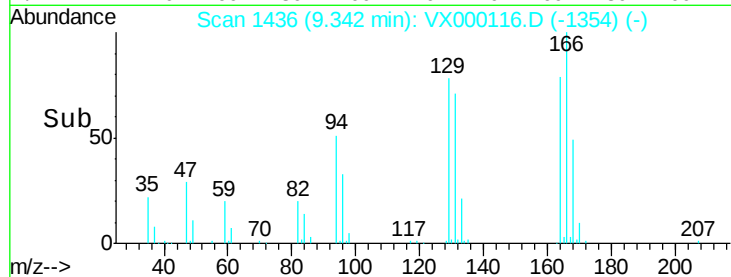
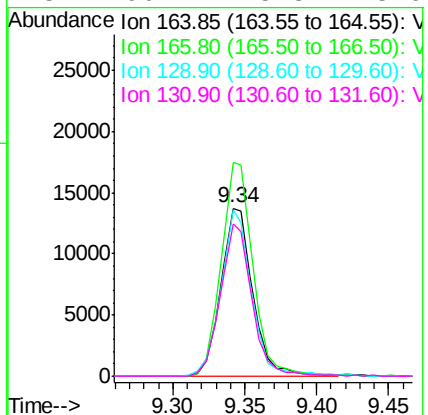
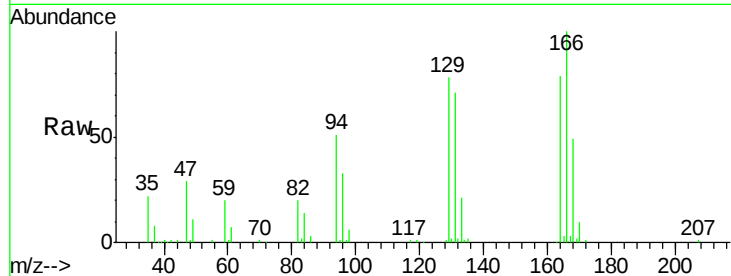
#61
 Tetrachloroethene
 Concen: 20.50 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBS01

Tot Ion:	164	Resp:	21369
Ion	Ratio	Lower	Upper
164	100		
166	127.1	99.0	148.4
129	98.6	77.0	115.6
131	90.4	75.8	113.6

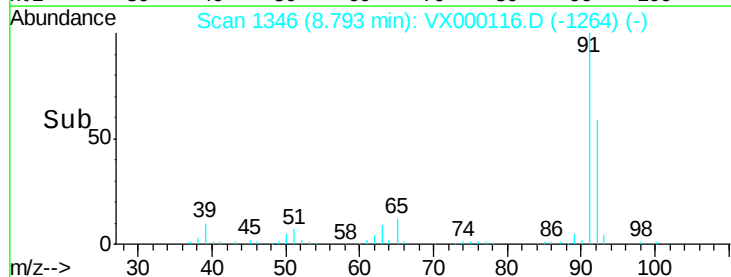
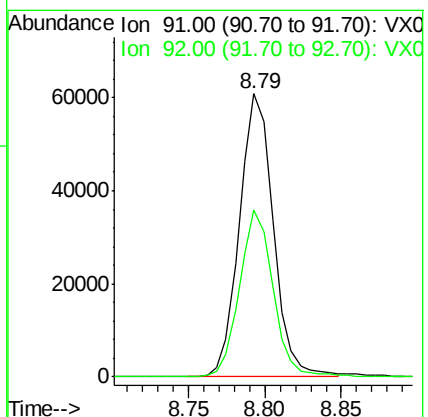
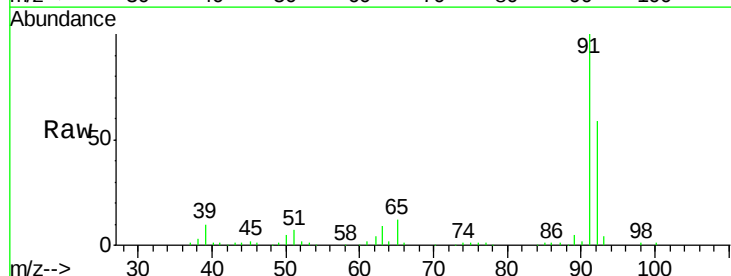
Manual Integrations
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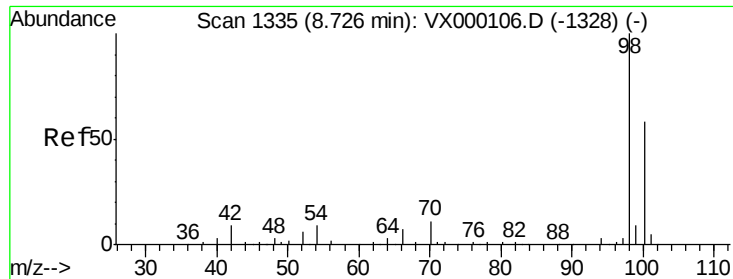
apatel
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#62
 Toluene
 Concen: 21.01 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Tgt Ion:	91	Resp:	93836
Ion	Ratio	Lower	Upper
91	100		
92	58.2	45.4	68.0





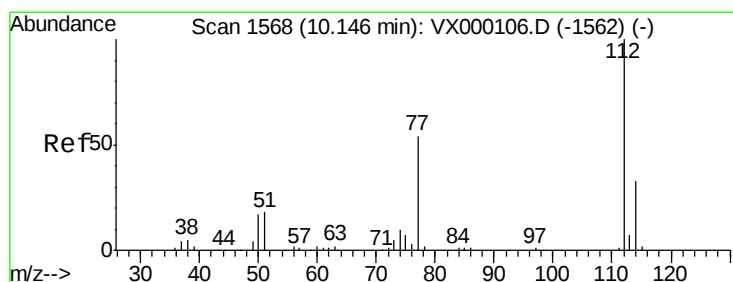
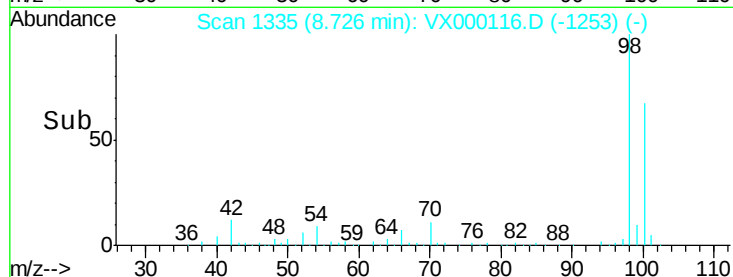
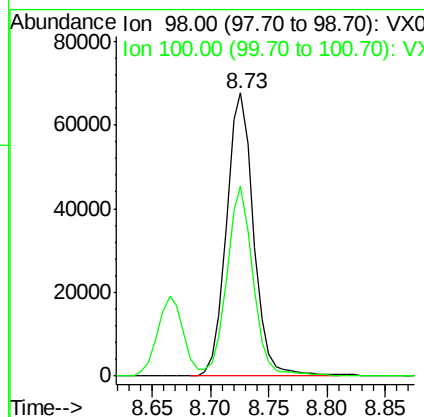
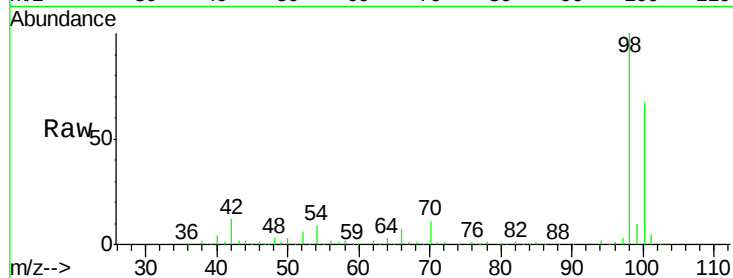
#63
Toluene-d8
Concen: 29.73 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion: 98 Resp: 109326
Ion Ratio Lower Upper
98 100
100 63.8 50.0 75.0

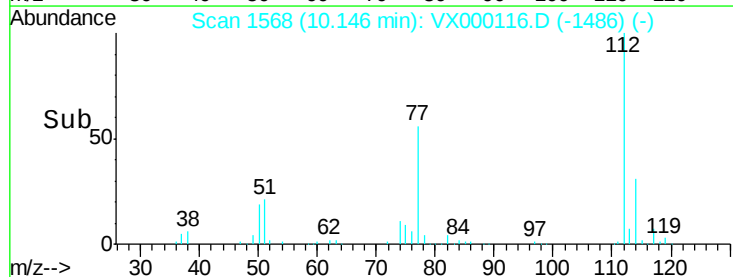
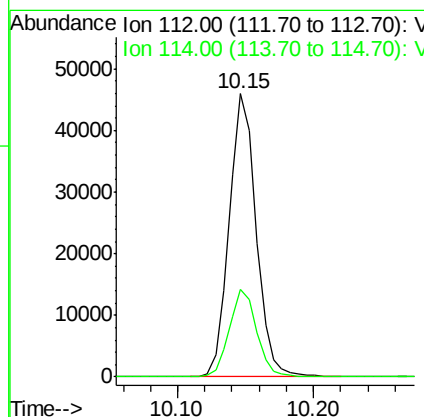
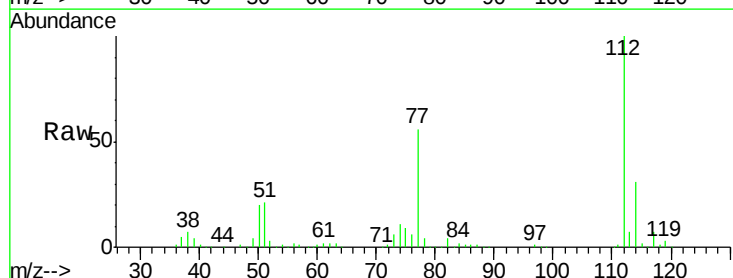
Manual Integrations
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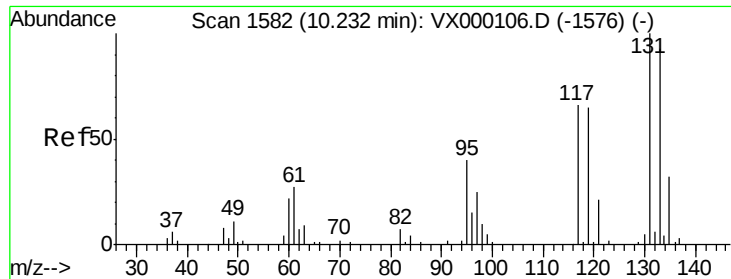
apatel
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#64
Chlorobenzene
Concen: 21.04 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Tgt Ion: 112 Resp: 63509
Ion Ratio Lower Upper
112 100
114 30.9 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 21.11 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

Instrument :

MSVOA_X

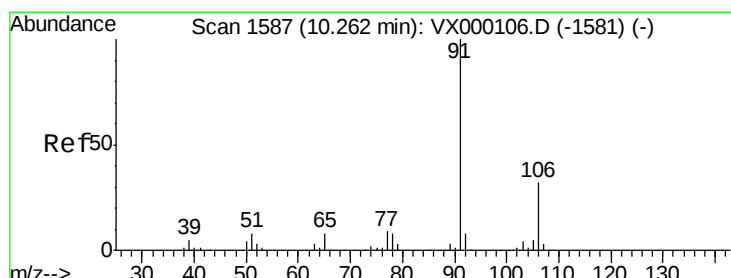
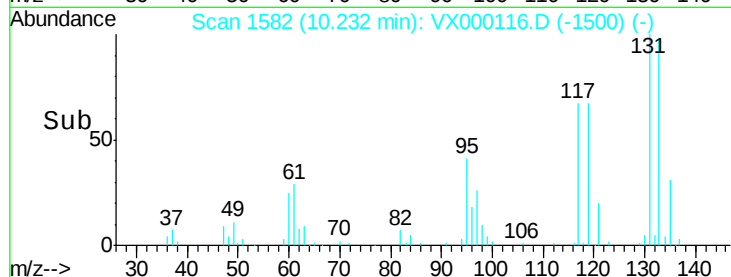
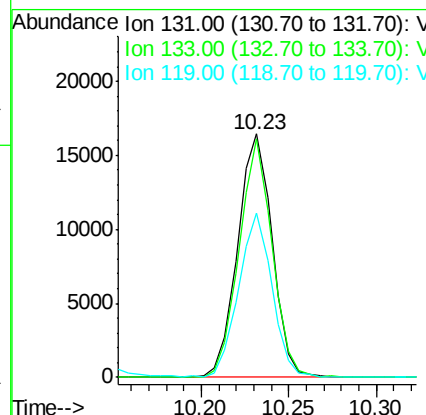
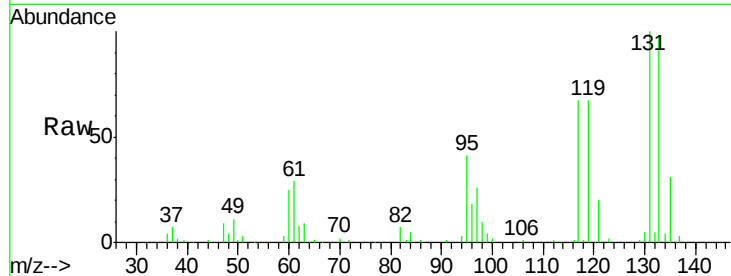
ClientSampleId :

VX0220WBS01

Tot Ion	Ratio	Lower	Upper
131	100		
133	93.8	0.0	187.6
119	65.1	0.0	134.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 21.48 ug/l

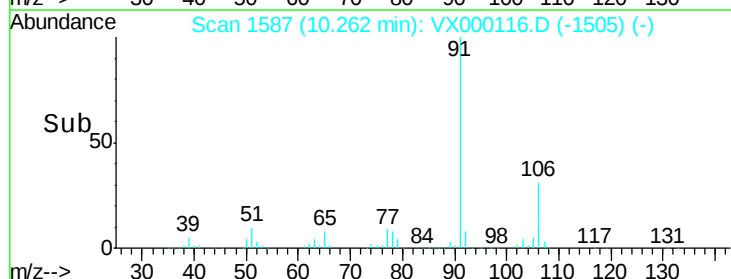
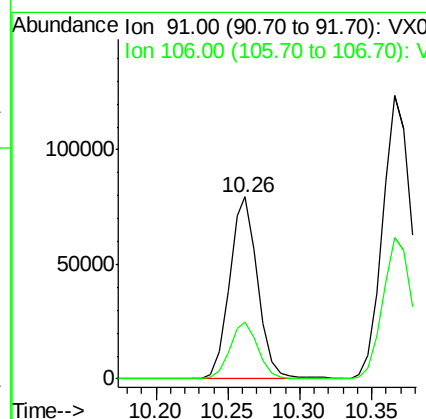
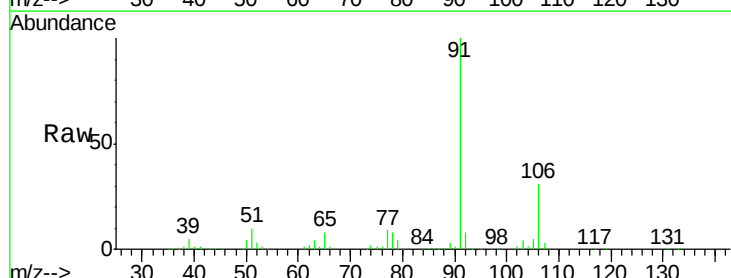
RT: 10.26 min Scan# 1587

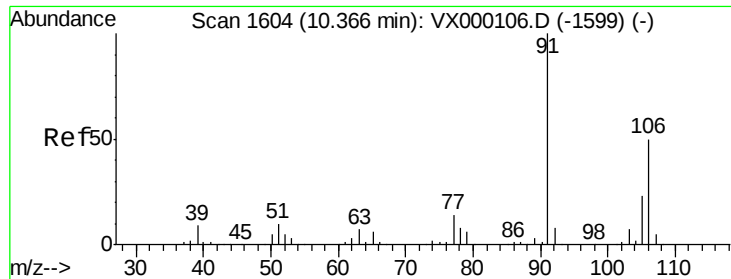
Delta R.T. 0.00 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.9	38.9





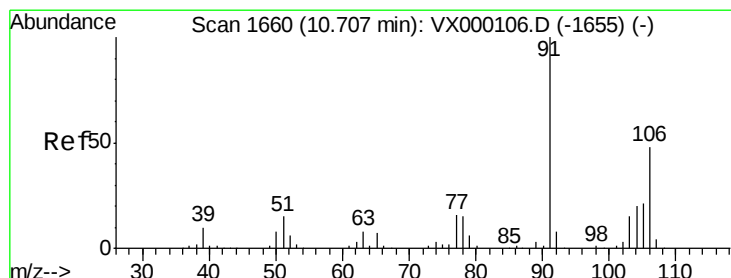
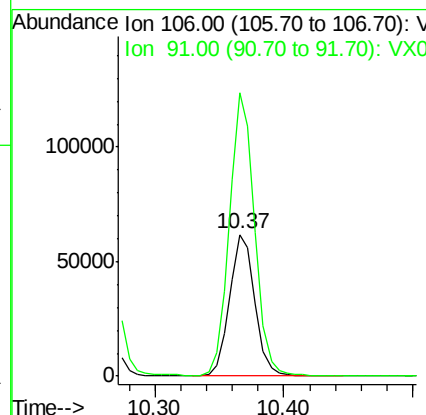
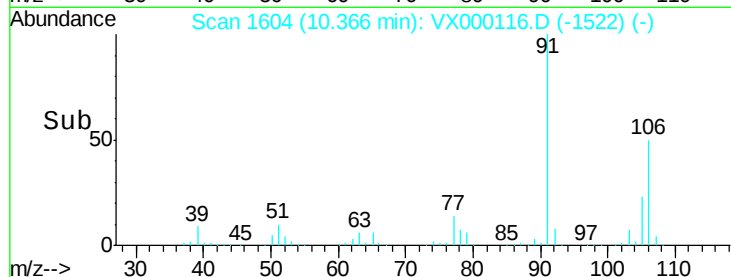
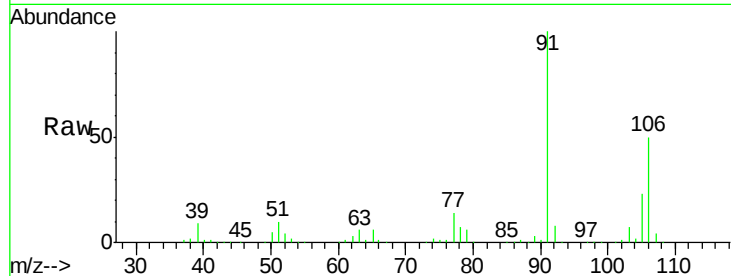
#67
m/p-Xvlenes
Concen: 42.93 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Instrument :
MSVOA_X
ClientSampled :
VX0220WBS01

Tot Ion:106 Resp: 85806
Ion Ratio Lower Upper
106 100
91 198.4 161.6 242.4

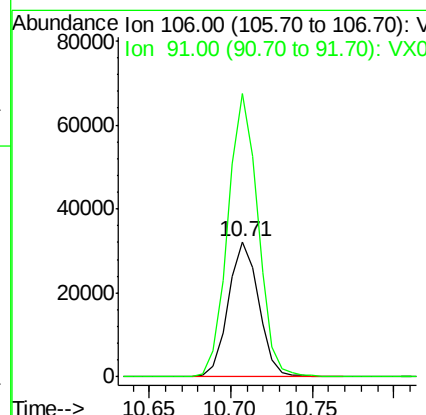
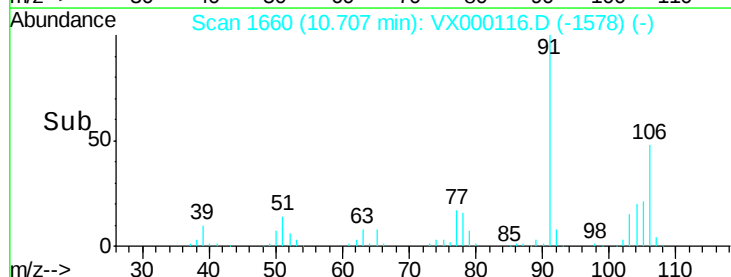
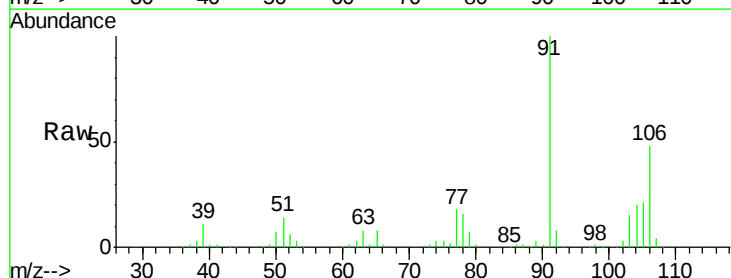
Manual Integrations
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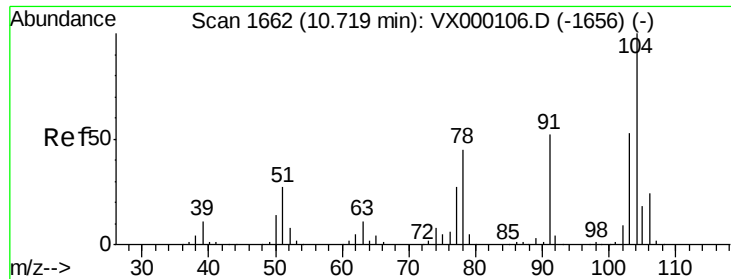
apatel
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#68
o-Xylene
Concen: 21.51 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Tgt Ion:106 Resp: 41761
Ion Ratio Lower Upper
106 100
91 207.1 105.6 316.8





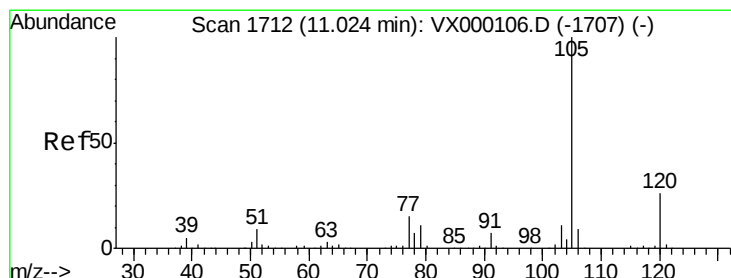
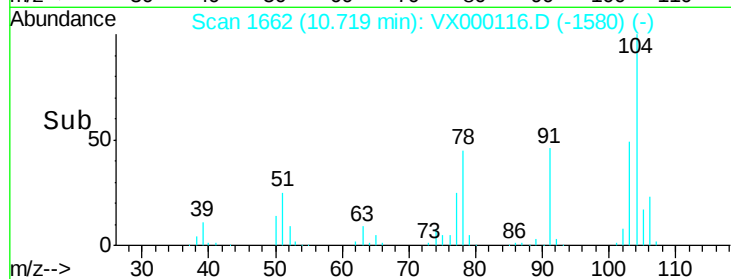
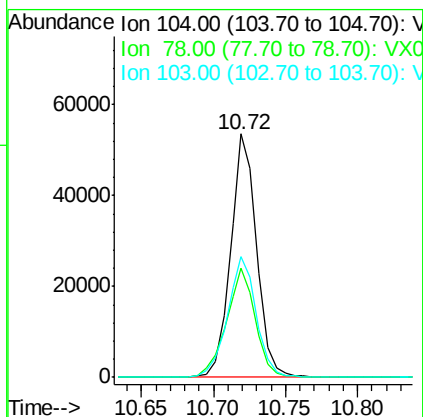
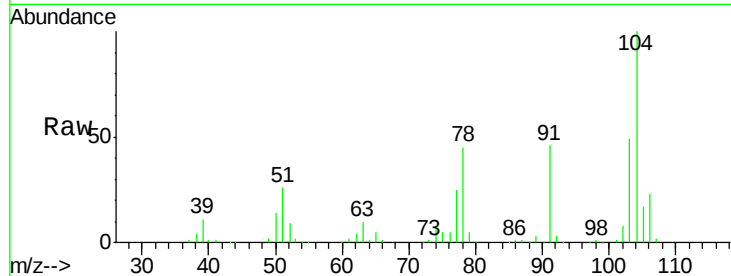
#69
Stvrene
Concen: 21.14 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.6	39.0	58.4
103	55.0	44.7	67.1

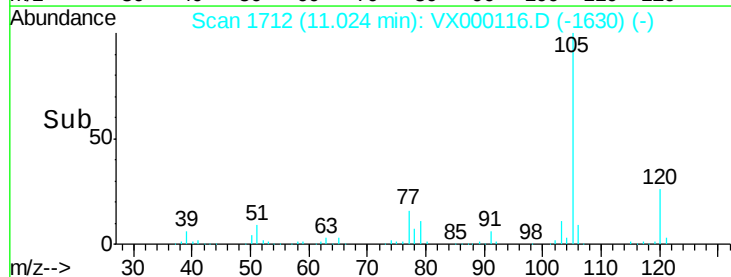
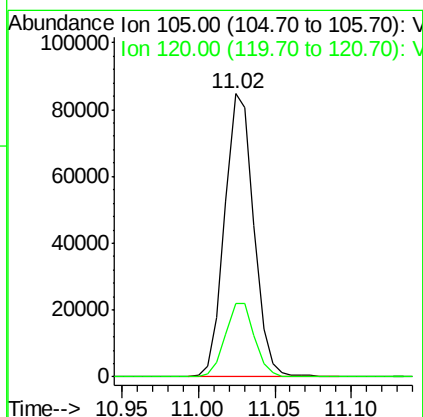
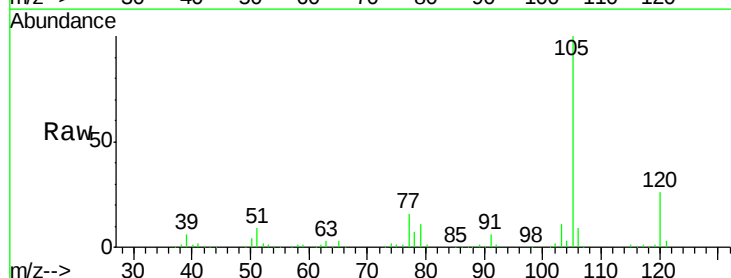
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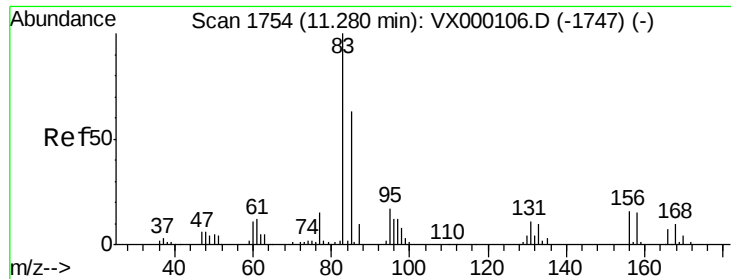
apatel
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#70
Isopropylbenzene
Concen: 21.31 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.1	18.8	35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 20.72 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

Instrument :

MSVOA_X

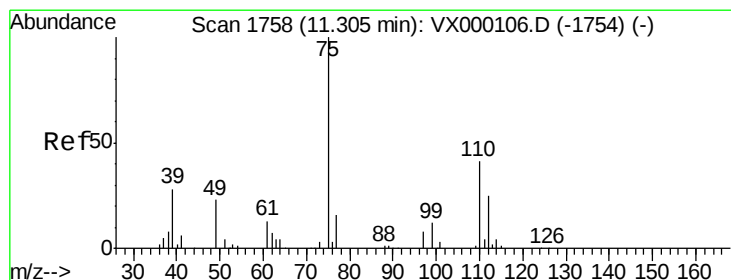
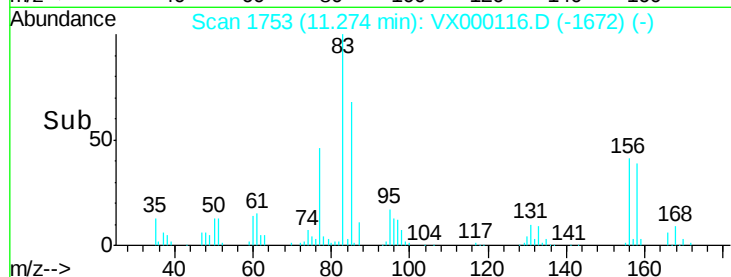
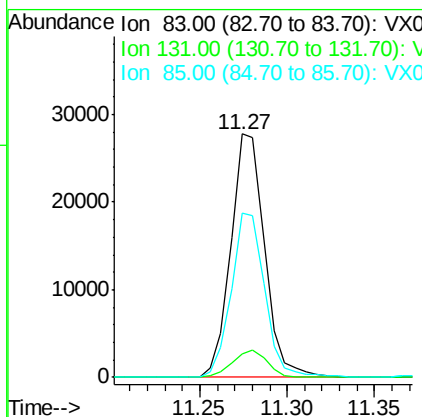
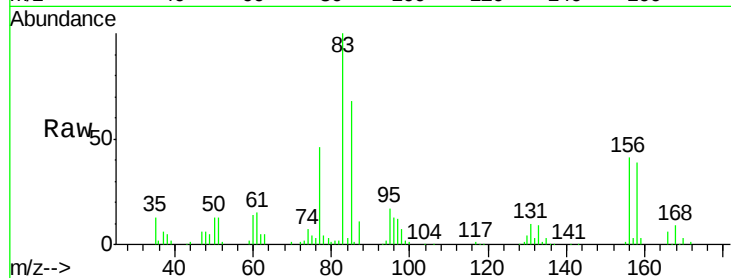
ClientSampleId :

VX0220WBS01

Tot Ion:	83	Resp:	37425
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.3	16.1
85	67.1	32.5	97.5

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 21.04 ug/l m

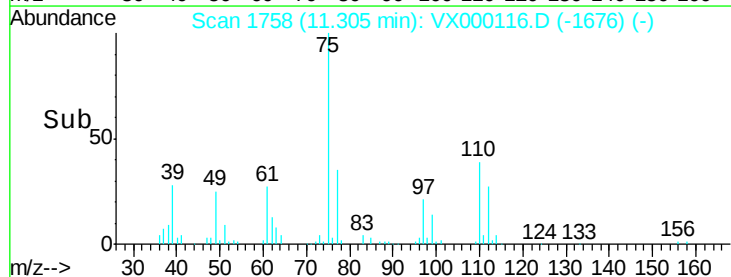
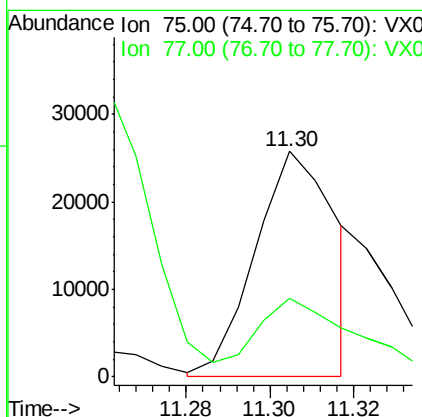
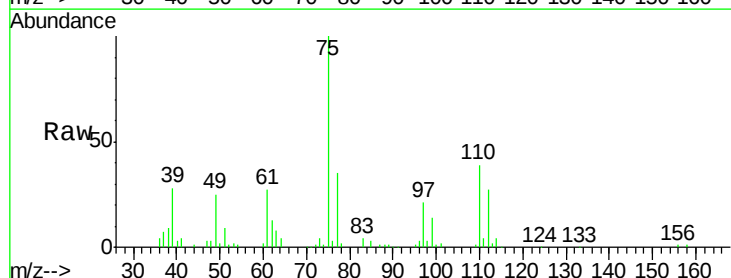
RT: 11.30 min Scan# 1758

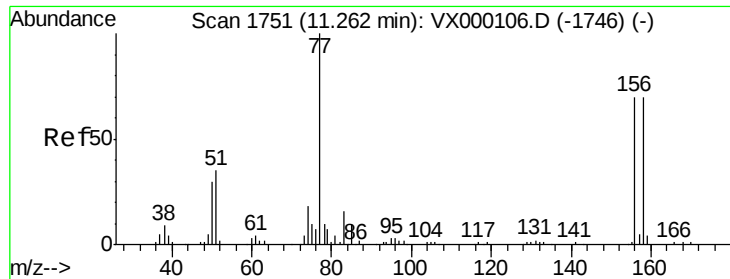
Delta R.T. 0.00 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

Tgt Ion:	75	Resp:	34074
Ion Ratio	Lower	Upper	
75	100		
77	44.1	0.0	85.8





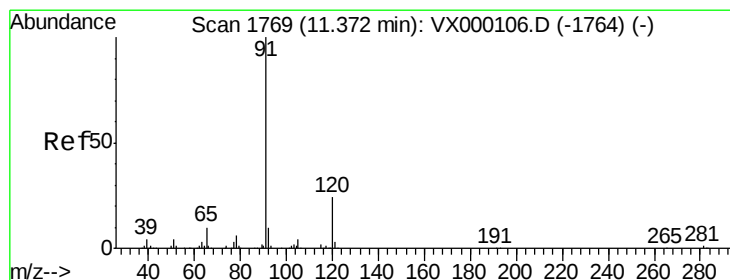
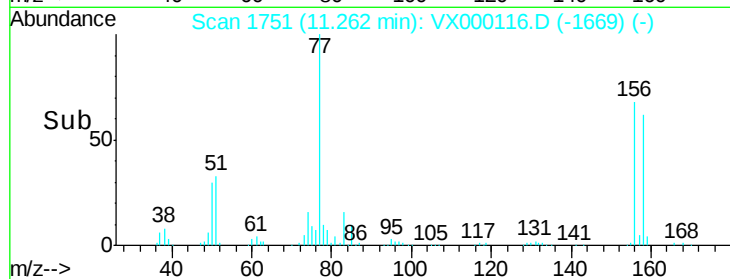
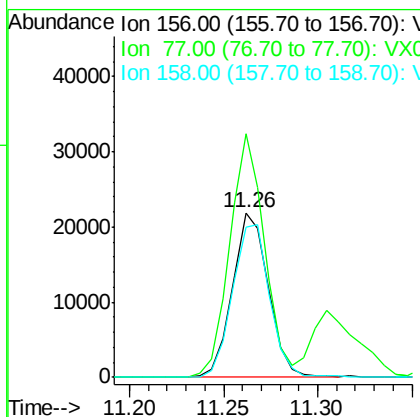
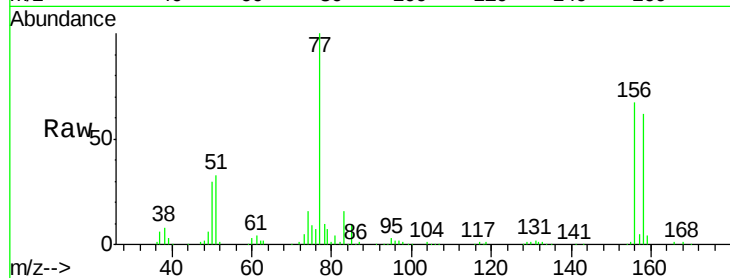
#73
Bromobenzene
Concen: 20.95 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	143.0	0.0	280.2
158	95.7	0.0	197.2

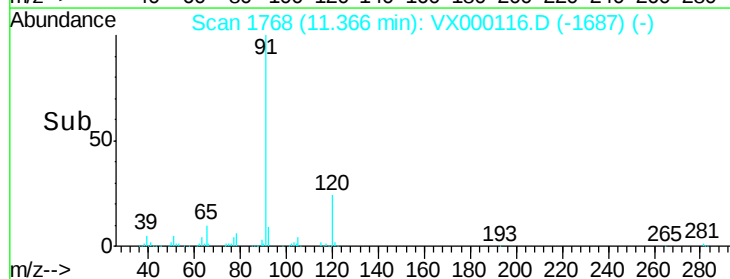
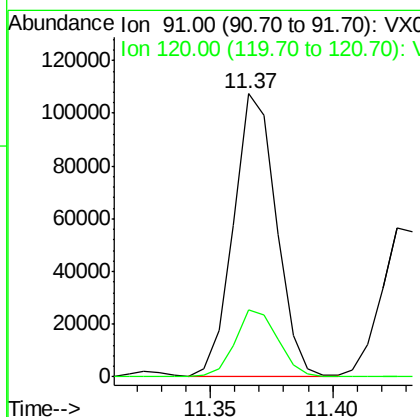
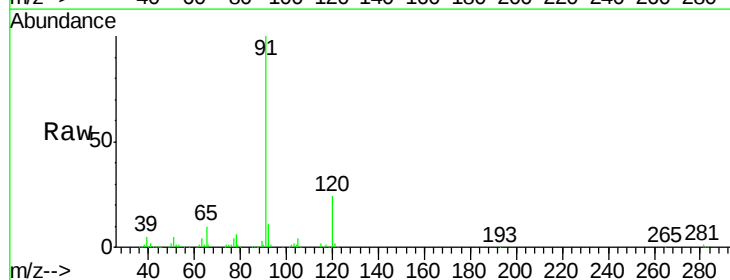
Manual Integrations
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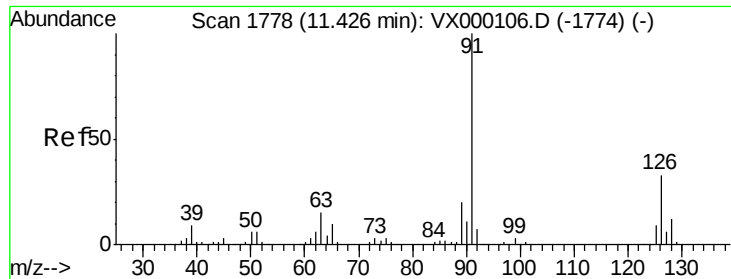
apatel
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#74
n-propylbenzene
Concen: 21.36 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.01 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	0.0	47.4





#75

2-Chlorotoluene

Concen: 21.23 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000116.D

Acq: 20 Feb 2018 19:12

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

Tot Ion: 91 Resp: 75099

Ion Ratio Lower Upper

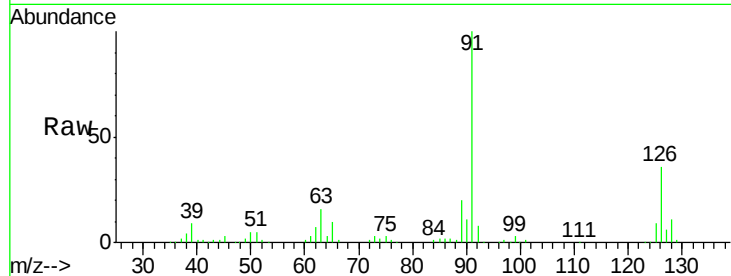
91 100

126 35.4 0.0 71.4

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Abundance Ion 91.00 (90.70 to 91.70): VX000106.D (-1774) (-)

Ion 126.00 (125.70 to 126.70): VX000106.D (-1774) (-)

100000

80000

60000

40000

20000

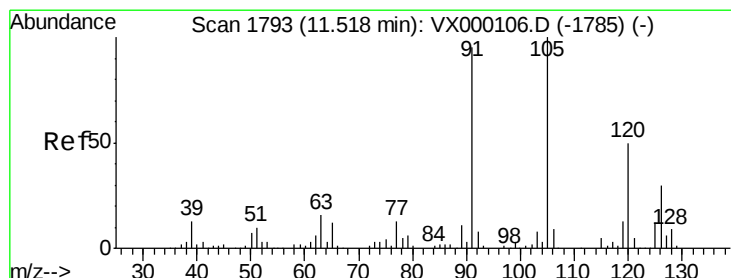
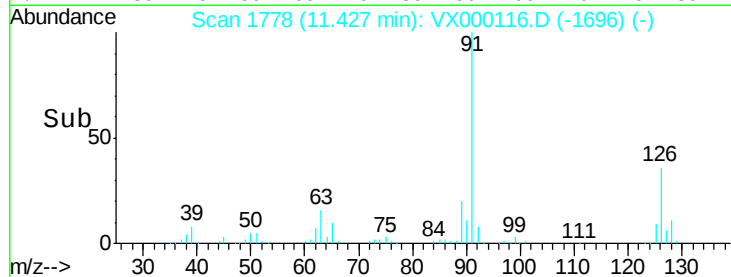
0

11.40

11.43

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 21.16 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000116.D

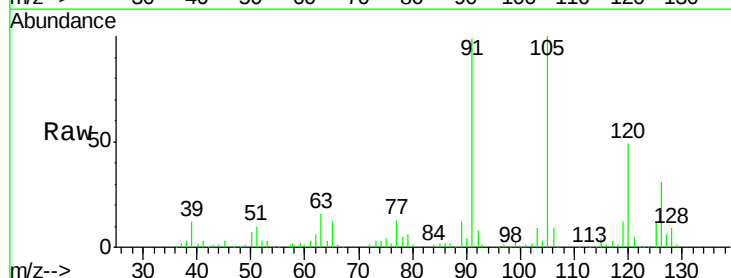
Acq: 20 Feb 2018 19:12

Tgt Ion: 105 Resp: 94119

Ion Ratio Lower Upper

105 100

120 47.8 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): VX000106.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX000106.D (-1785) (-)

80000

60000

40000

20000

0

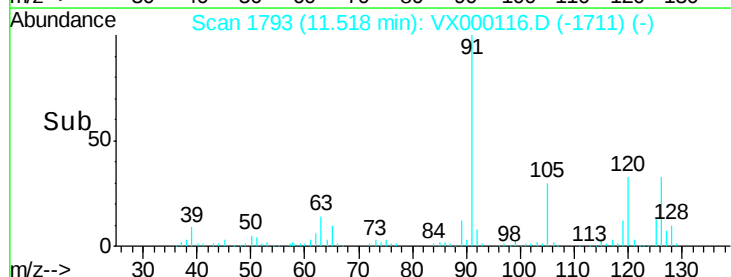
11.45

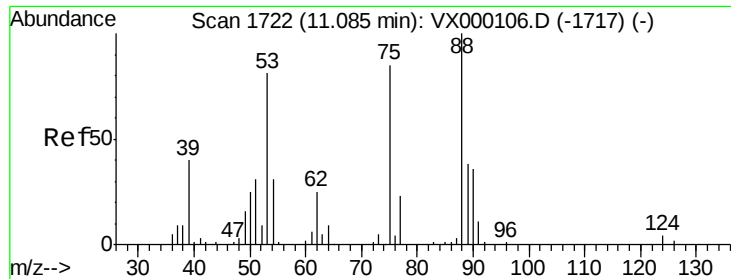
11.50

11.52

11.55

Time-->





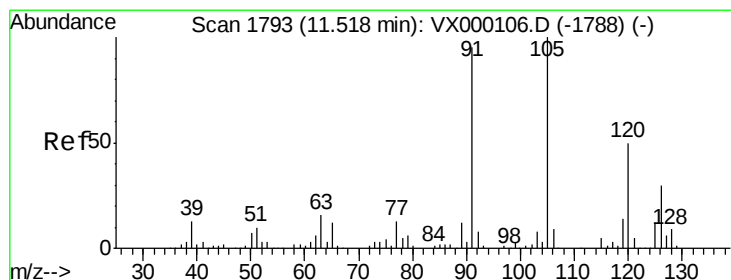
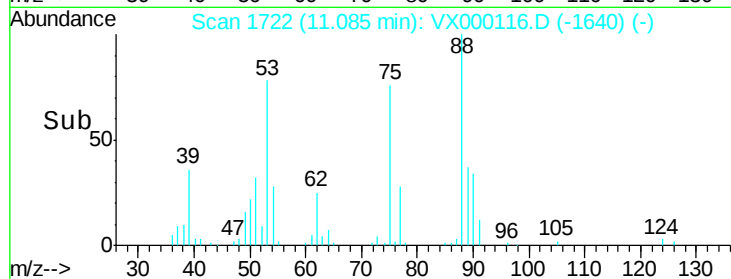
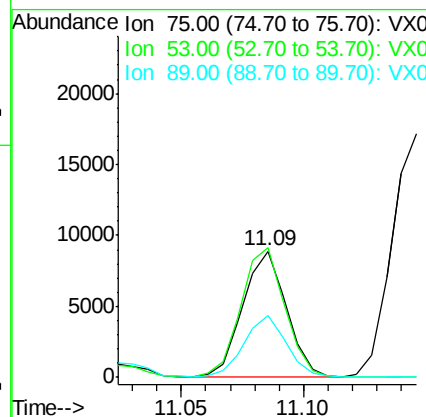
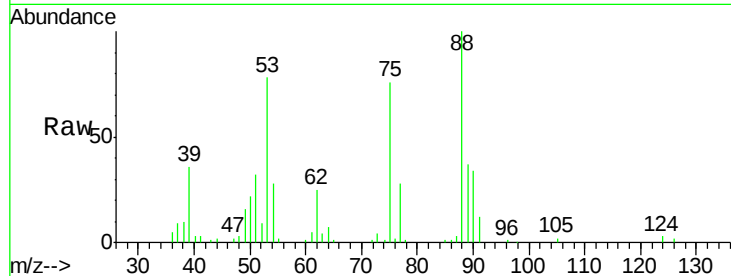
#77
t-1,4-Dichloro-2-butene
Concen: 19.29 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.0	47.8	143.3
89	49.2	22.3	66.8

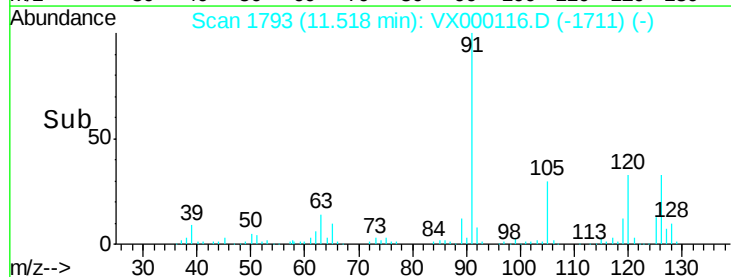
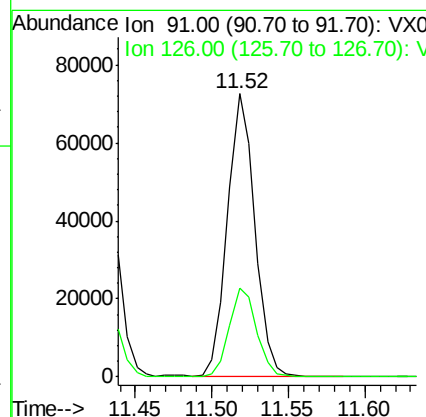
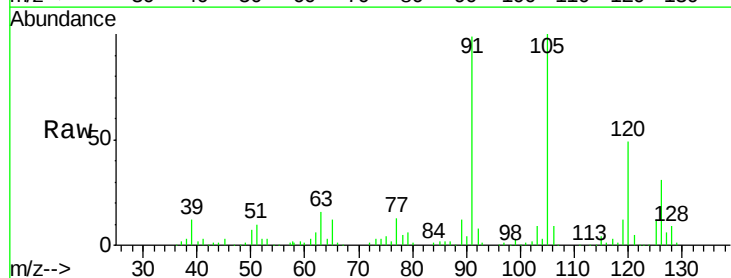
Manual Integrations
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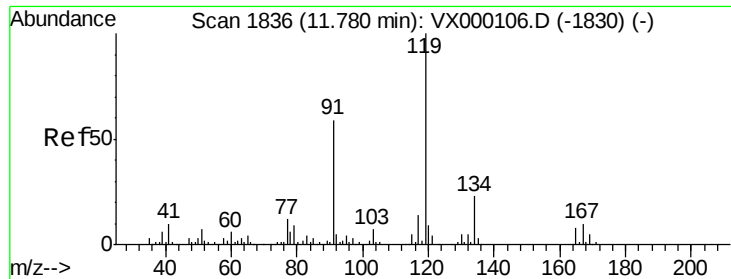
apatel
2/22/2018 4:05:04 PM



#78
4-Chlorotoluene
Concen: 21.38 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	0.0	63.4





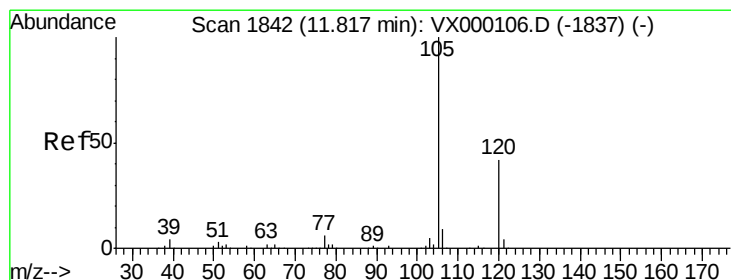
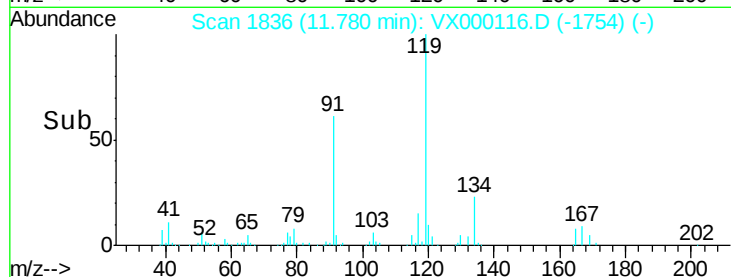
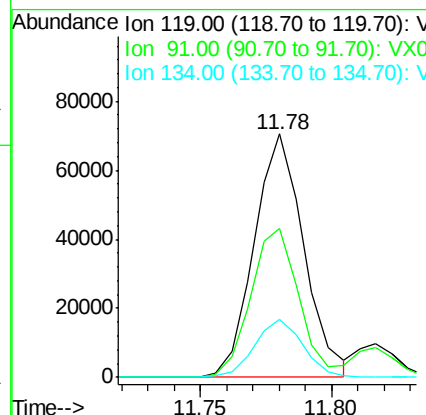
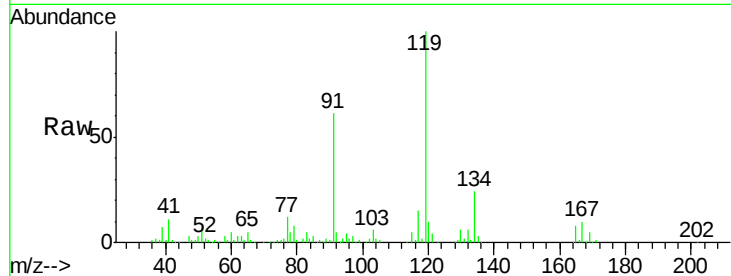
#79
tert-butylbenzene
Concen: 20.96 ug/l m
RT: 11.78 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	92765		
91	26.8	0.0	51.6	
134	29.4	0.0	60.2	

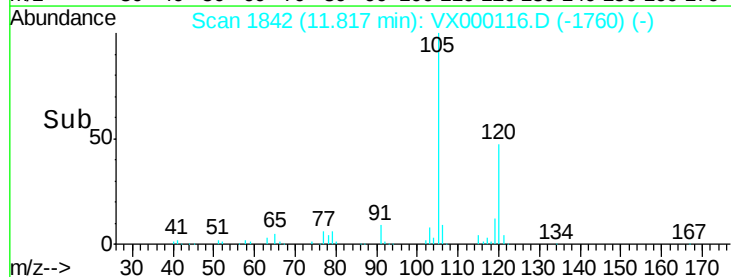
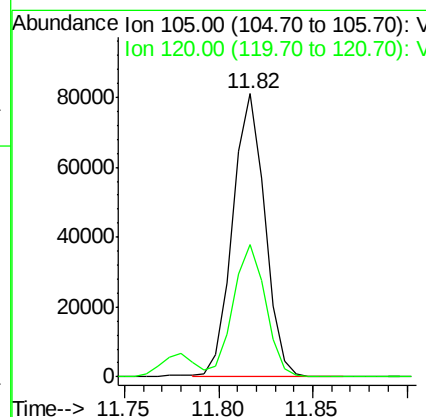
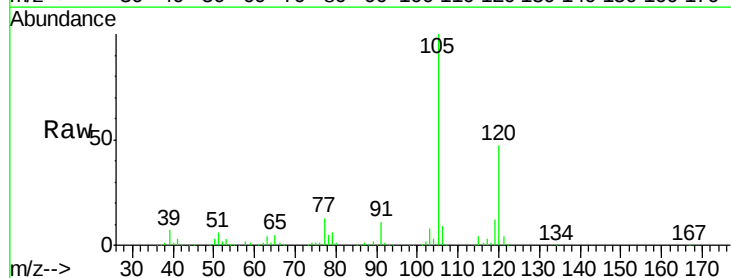
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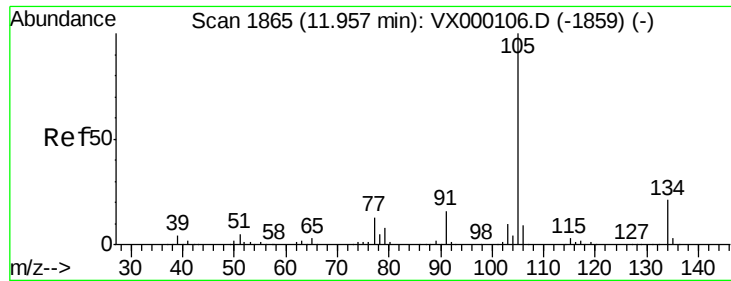
apatel
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#80
1,2,4-Trimethylbenzene
Concen: 21.23 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	96327		
120	47.0	0.0	93.0	





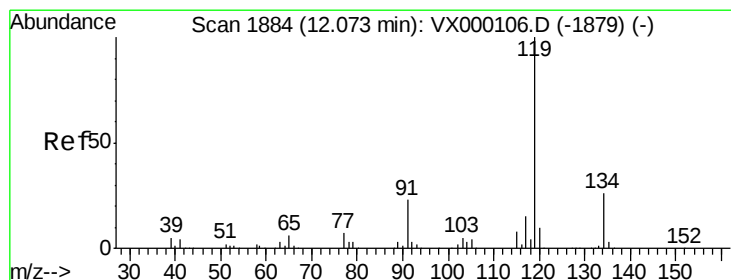
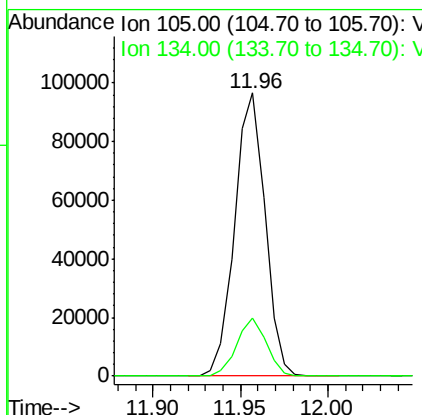
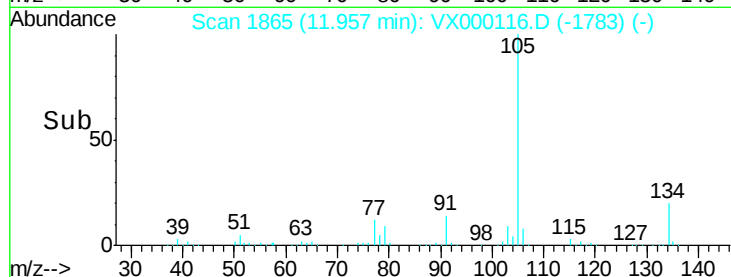
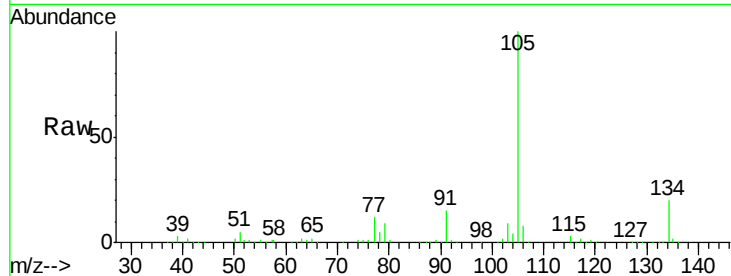
#81
 sec-Butylbenzene
 Concen: 21.37 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0220WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	116952		
134	19.9	0.0	41.8	

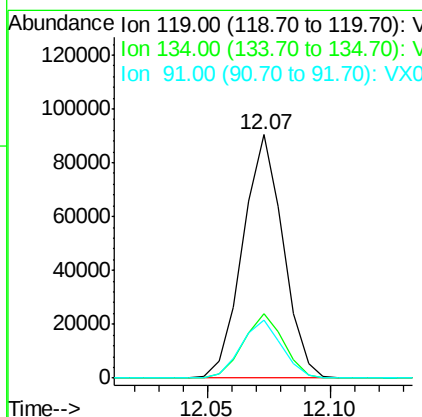
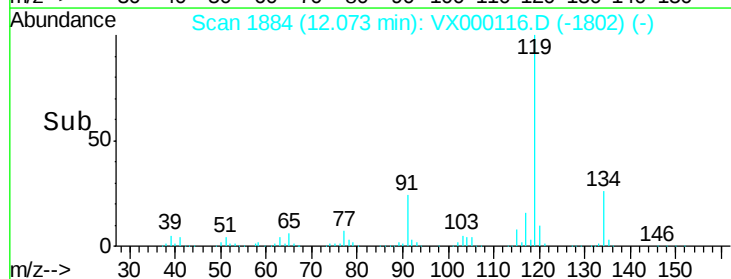
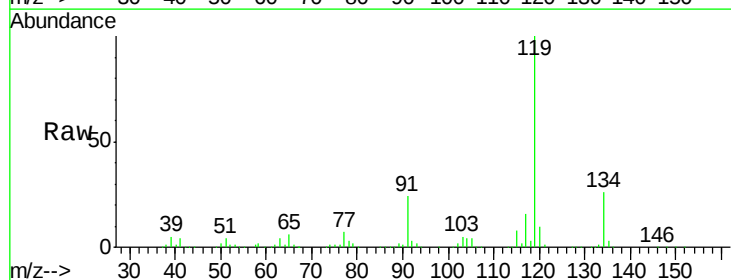
Manual Integrations
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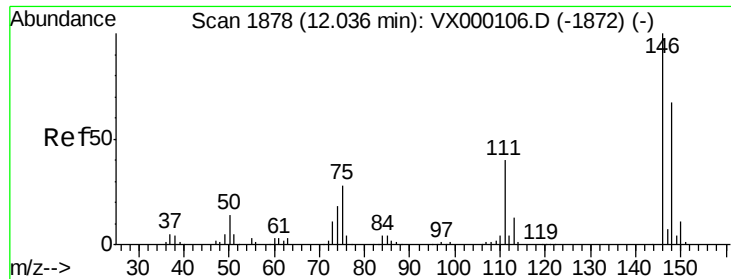
apatel
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#82
 p-Isopropyltoluene
 Concen: 21.14 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	103185		
134	26.5	0.0	54.4	
91	24.1	0.0	46.6	





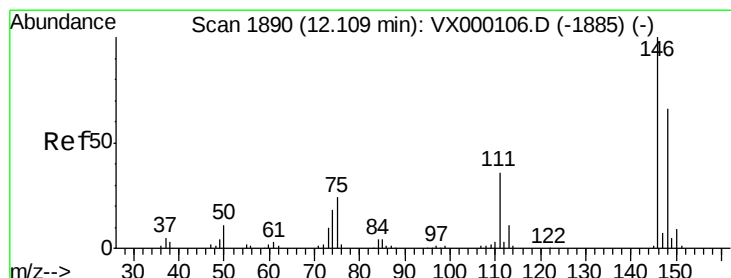
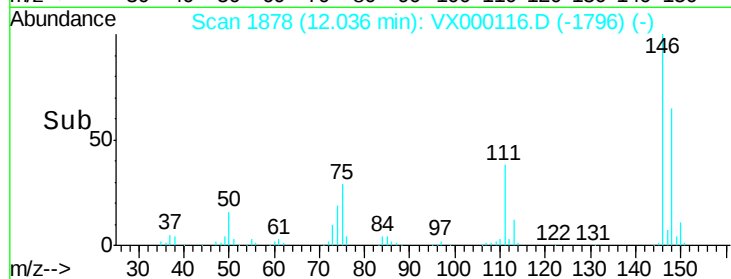
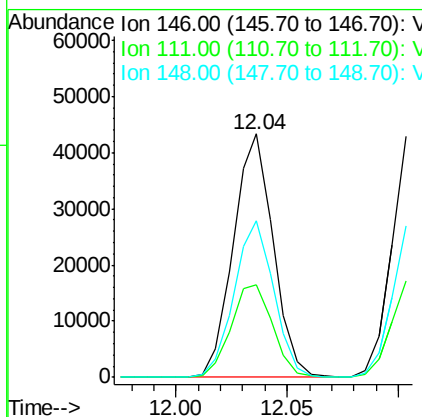
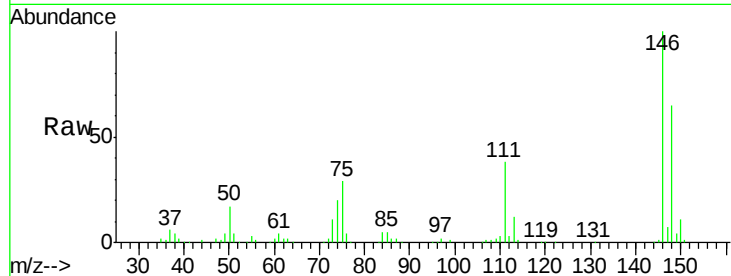
#83
 1,3-Dichlorobenzene
 Concen: 20.51 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.4	58.2
148	64.4	32.6	97.7

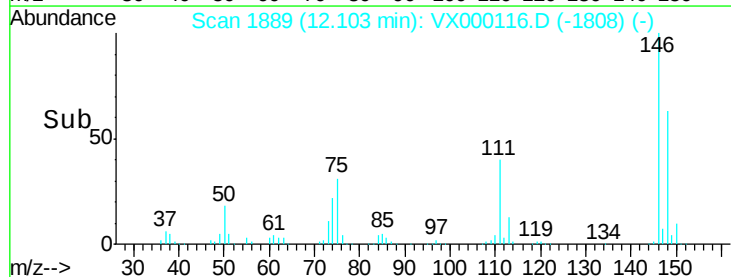
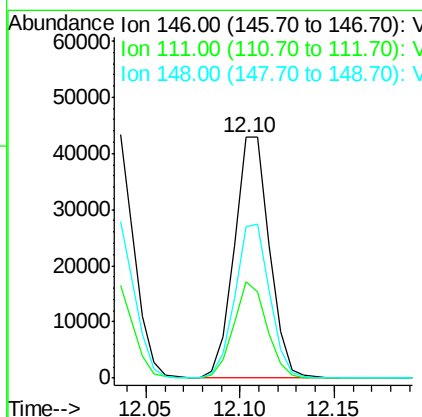
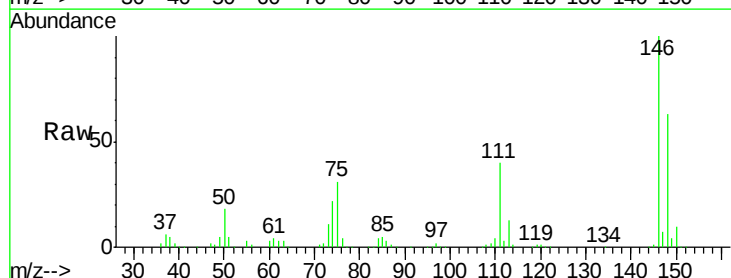
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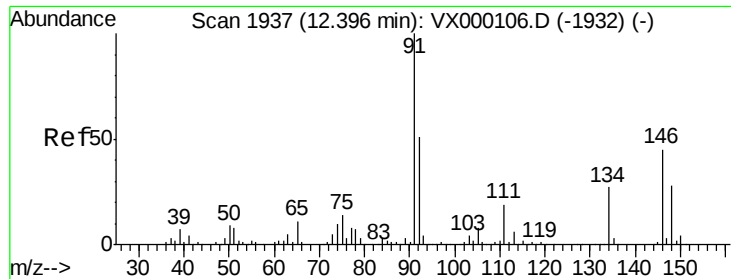
apatel
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#84
 1,4-Dichlorobenzene
 Concen: 20.40 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.4	55.0
148	62.8	31.9	95.7





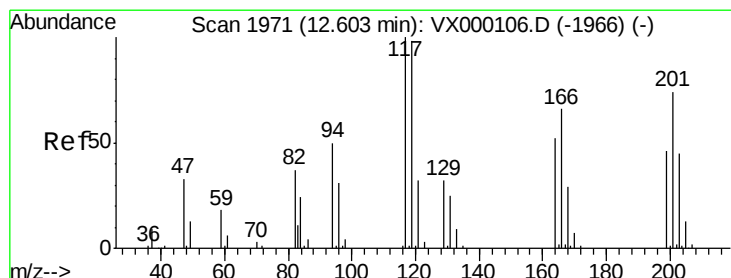
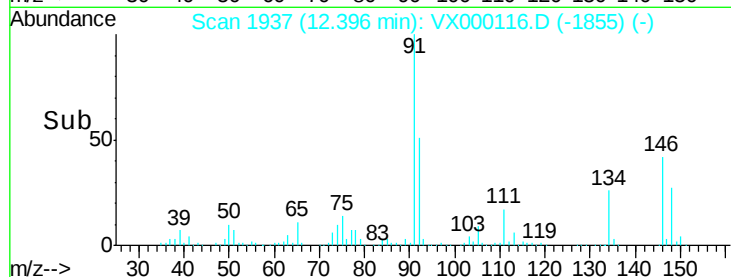
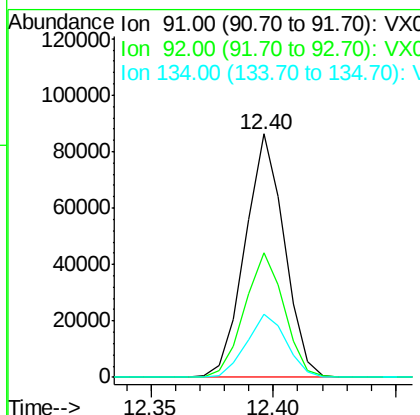
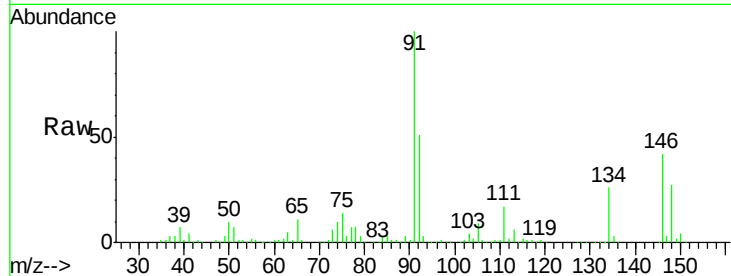
#85
n-Butylbenzene
Concen: 21.14 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	96804		
92	51.5	0.0	102.0	
134	26.5	0.0	54.2	

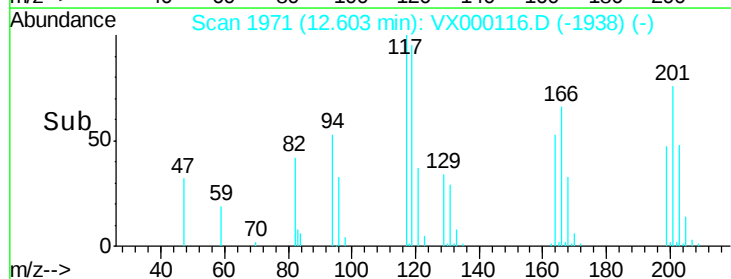
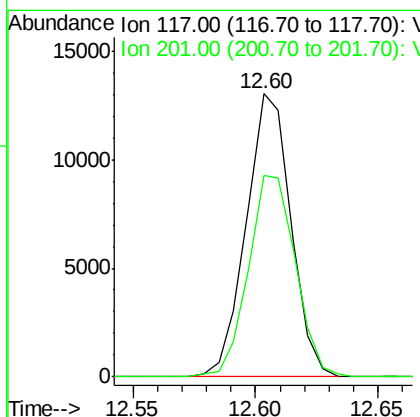
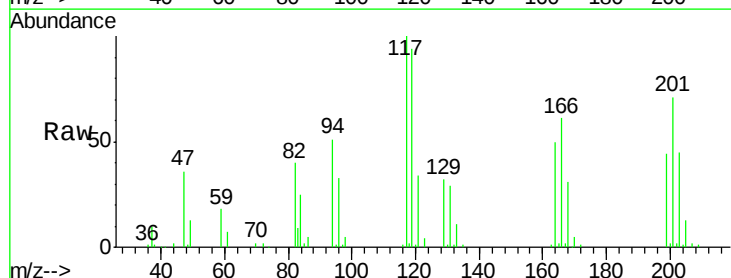
Manual Integrations
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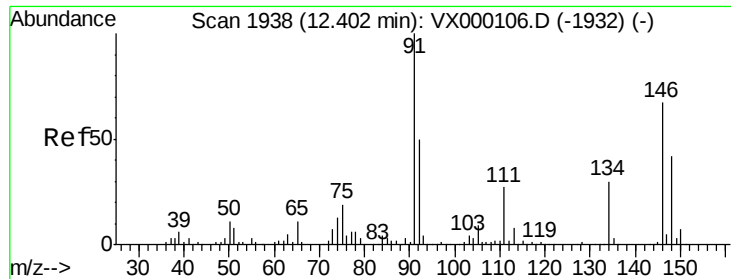
apatel
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#86
Hexachloroethane
Concen: 20.40 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	16637		
201	74.9	38.9	116.6	





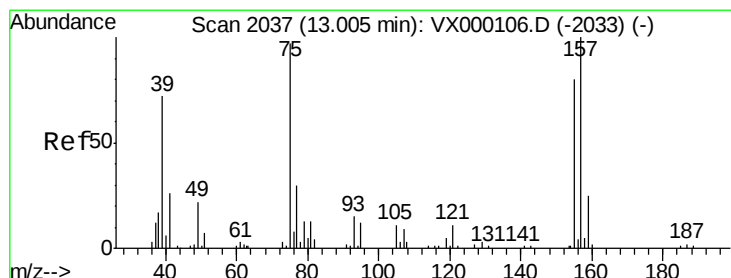
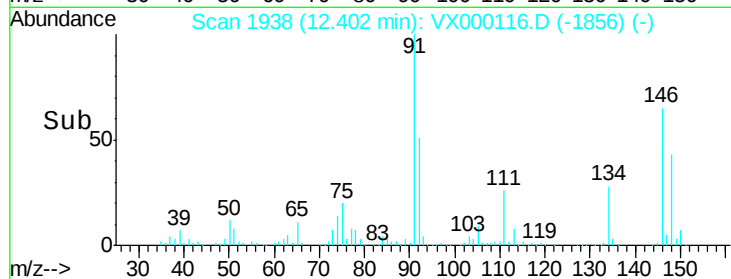
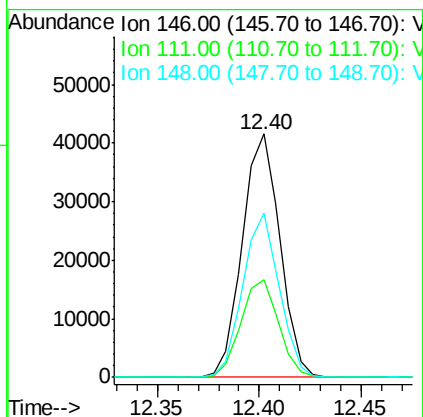
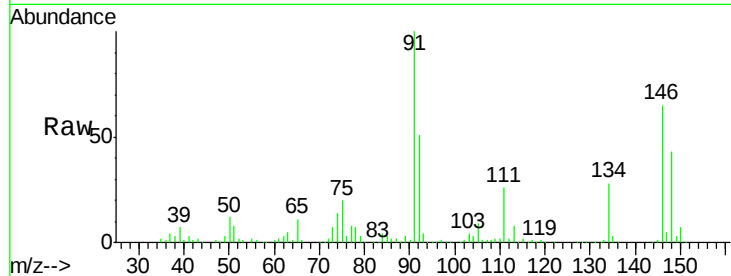
#87
 1,2-Dichlorobenzene
 Concen: 20.55 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.0	60.0
148	65.1	31.6	95.0

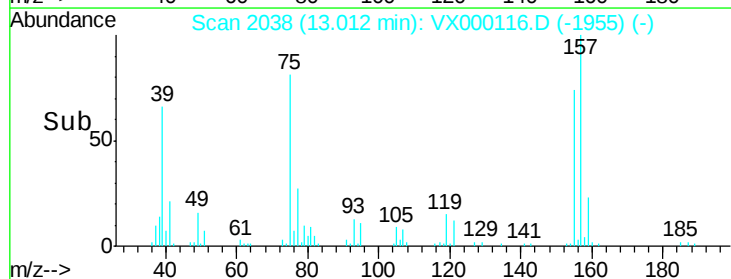
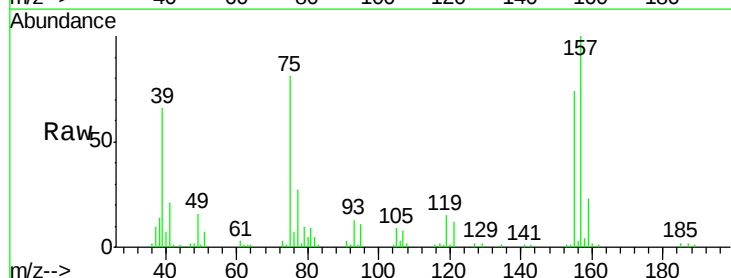
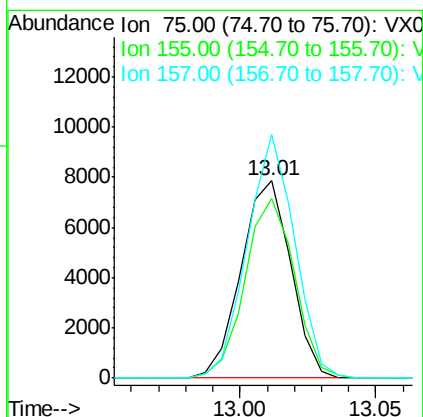
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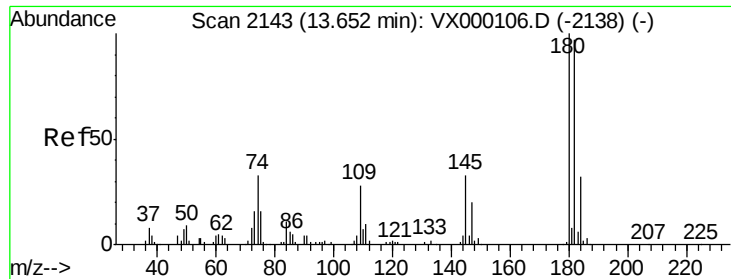
apatel
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.72 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: VX000116.D
 Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.6	75.1	112.7
157	117.5	99.0	148.4





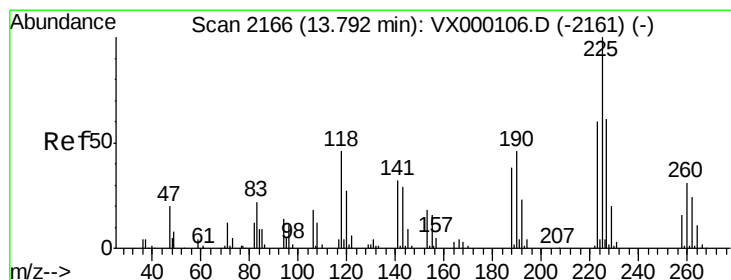
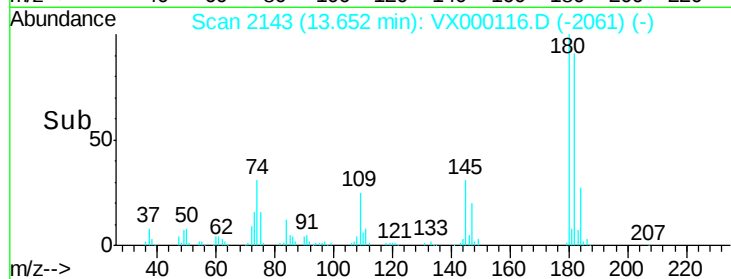
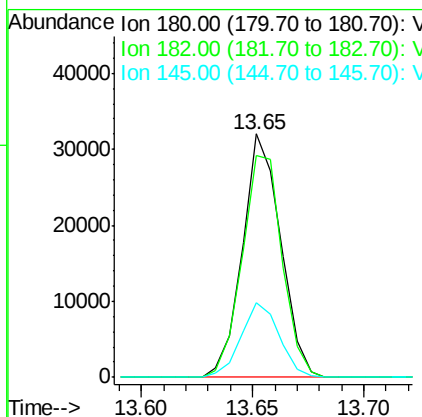
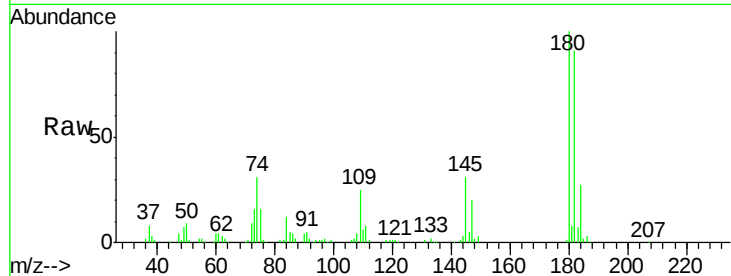
#89
1,2,4-Trichlorobenzene
Concen: 20.19 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Instrument :
MSVOA_X
ClientSampled :
VX0220WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	38495		
182	95.6	76.3	114.5	
145	30.7	24.6	37.0	

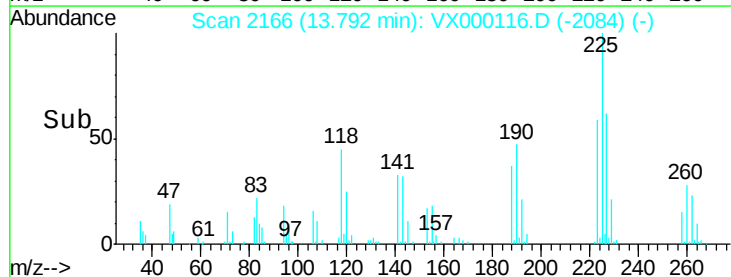
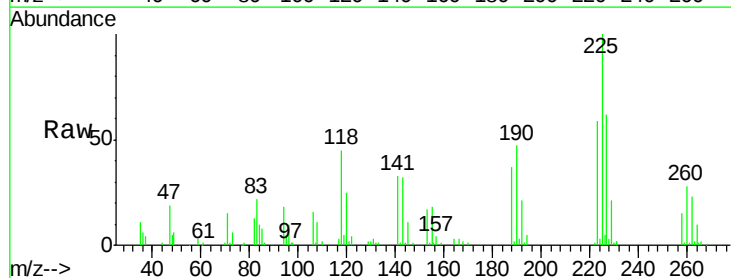
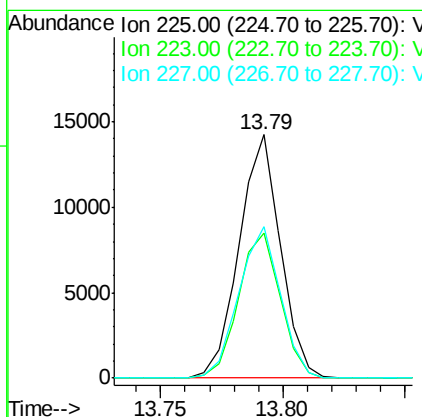
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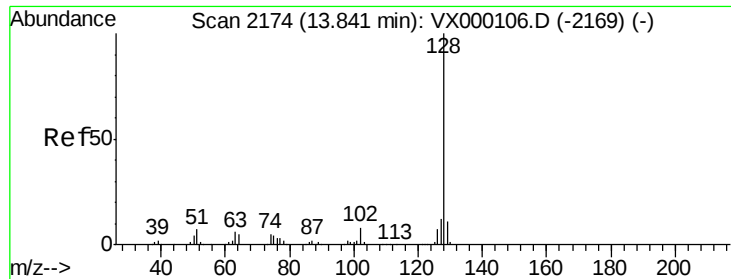
apatel
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#90
Hexachlorobutadiene
Concen: 20.32 ug/l
RT: 13.79 min Scan# 2166
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	16692		
223	60.5	0.0	131.2	
227	62.9	0.0	127.6	





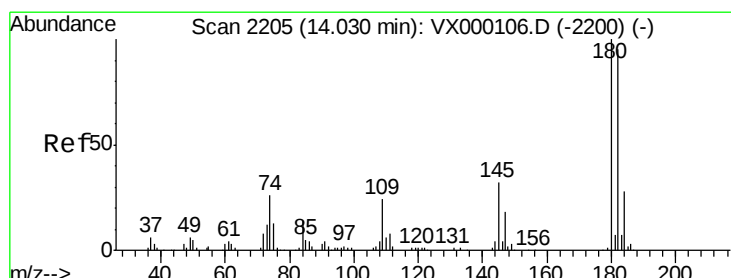
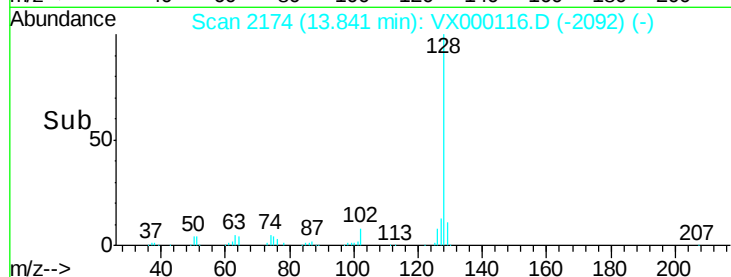
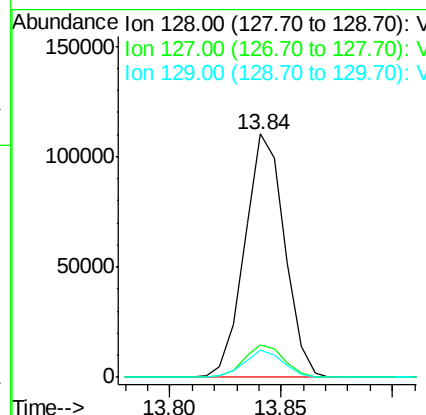
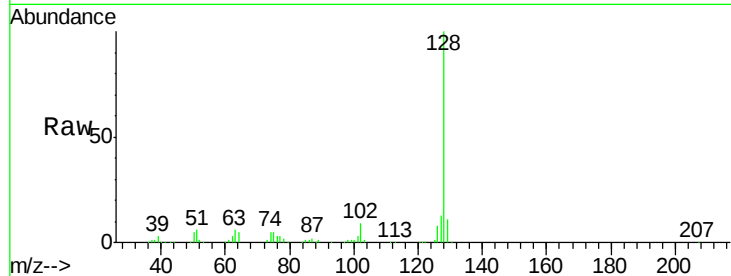
#91
Naphthalene
Concen: 20.69 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	10.9	9.0	13.6

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 20.28 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000116.D
Acq: 20 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	0.0	188.6
145	32.3	0.0	65.8

