

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000228.D
 Acq On : 08 Mar 2018 18:54
 Operator : JC/MD
 Sample : VX0308MBS01
 Misc : 5.00µg/10mL/100µL5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0308MBS01

Manual Integrations
 APPROVED

apatel
 3/9/2018 9:38:29 AM

Quant Time: Mar 09 04:31:16 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	132033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	225932	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	229098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	127747	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	94091	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	5.52	113	71021	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	8.73	98	293066	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.15	95	112617	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	27793	19.32	ug/l	97
3) Chloromethane	1.32	50	28450	20.26	ug/l	98
4) Vinyl Chloride	1.41	62	33478	20.45	ug/l	99
5) Bromomethane	1.64	94	30043	16.93	ug/l	99
6) Chloroethane	1.73	64	22874	22.15	ug/l	94
7) Trichlorofluoromethane	1.93	101	59956	22.08	ug/l	98
8) Diethyl Ether	2.20	74	21495	21.57	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31569	20.81	ug/l	99
10) Methyl Iodide	2.52	142	25888	18.38	ug/l	98
11) Tert butyl alcohol	3.08	59	73464	109.24	ug/l	99
12) 1,1-Dichloroethene	2.38	96	30200	21.69	ug/l	93
13) Acrolein	2.30	56	44572	126.06	ug/l	97
14) Allyl chloride	2.73	41	55158	21.44	ug/l	99
15) Acrylonitrile	3.16	53	131653	112.49	ug/l	99
16) Acetone	2.45	43	151211	115.04	ug/l	99
17) Carbon Disulfide	2.57	76	79199	20.76	ug/l	100
18) Methyl Acetate	2.79	43	62261	22.24	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	108427	21.86	ug/l	99
20) Methylene Chloride	2.86	84	34268	21.86	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	32863	21.46	ug/l	97
22) Diisopropyl ether	3.89	45	80731	18.27	ug/l	94
23) Vinyl Acetate	3.84	43	387310	90.97	ug/l	99
24) 1,1-Dichloroethane	3.71	63	53233	19.66	ug/l	99
25) 2-Butanone	4.72	43	173171	106.76	ug/l	98
26) 2,2-Dichloropropane	4.60	77	38843	19.62	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	29540	20.34	ug/l	99
28) Bromochloromethane	5.04	49	25027	21.74	ug/l	99
29) Tetrahydrofuran	5.18	42	106415	104.45	ug/l	99
30) Chloroform	5.23	83	52721	20.14	ug/l	97
31) Cyclohexane	5.59	56	41381	20.66	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	47323	20.85	ug/l	98
36) 1,1-Dichloropropene	5.81	75	39821	19.81	ug/l	99
37) Ethyl Acetate	4.88	43	58148	20.01	ug/l	99
38) Carbon Tetrachloride	5.79	117	39767	19.55	ug/l	93

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	46163	18.71	ug/l	92
40) Benzene	6.15	78	115017	19.84	ug/l	100
41) Methacrylonitrile	5.08	41	28694	19.38	ug/l	99
42) 1,2-Dichloroethane	6.21	62	45985	20.22	ug/l	99
43) Isopropyl Acetate	6.48	43	82078	19.54	ug/l	99
44) Trichloroethene	7.23	130	32731	19.72	ug/l	99
45) 1,2-Dichloropropane	7.53	63	30394	20.70	ug/l	97
46) Dibromomethane	7.67	93	22759	19.59	ug/l	97
47) Bromodichloromethane	7.91	83	41690	20.40	ug/l	95
48) Methyl methacrylate	7.79	41	40702	19.67	ug/l	97
49) 1,4-Dioxane	7.77	88	19935	424.44	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	324536	102.36	ug/l	98
52) Toluene	8.79	92	79852	20.09	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	47370	19.67	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	46705	20.05	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	32497	20.19	ug/l	97
56) Ethyl methacrylate	9.19	69	49611	20.60	ug/l	98
57) 1,3-Dichloropropane	9.38	76	53726	19.88	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	121343	99.78	ug/l	99
59) 2-Hexanone	9.51	43	277319	102.58	ug/l	98
60) Dibromochloromethane	9.59	129	33884	19.97	ug/l	97
61) 1,2-Dibromoethane	9.68	107	36110	20.20	ug/l	98
64) Tetrachloroethene	9.34	164	31509	19.66	ug/l	98
65) Chlorobenzene	10.15	112	92904	20.08	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	31305	19.79	ug/l	98
67) Ethyl Benzene	10.26	91	161357	19.98	ug/l	99
68) m/p-Xylenes	10.37	106	125291	40.32	ug/l	100
69) o-Xylene	10.71	106	60456	20.24	ug/l	100
70) Styrene	10.72	104	99069	19.99	ug/l	98
71) Bromoform	10.87	173	25459	17.90	ug/l #	96
73) Isopropylbenzene	11.02	105	166617	20.83	ug/l	98
74) N-amyl acetate	6.48	43	82078	20.06	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	59260	21.13	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	52405m	20.46	ug/l	
77) Bromobenzene	11.26	156	40869	19.76	ug/l	95
78) n-propylbenzene	11.37	91	193818	20.59	ug/l	99
79) 2-Chlorotoluene	11.43	91	111414	20.98	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	140016	20.97	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.09	75	15142	18.11	ug/l	95
82) 4-Chlorotoluene	11.52	91	136426	21.13	ug/l	97
83) tert-Butylbenzene	11.78	119	135061	20.79	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	144729	21.08	ug/l	99
85) sec-Butylbenzene	11.96	105	173325	21.09	ug/l	99
86) p-Isopropyltoluene	12.07	119	153689	21.21	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	80266	20.42	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	83053	20.16	ug/l	98
89) n-Butylbenzene	12.40	91	146681	21.01	ug/l	98
90) Hexachloroethane	12.60	117	22886	19.60	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	79925	20.53	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16696	21.20	ug/l	94

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0308MBSD01

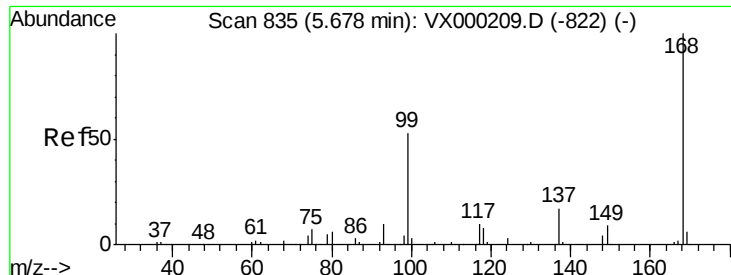
Manual Integrations
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
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QLast Update : Thu Mar 08 02:15:47 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	56416	19.92	ug/l	99
94) Hexachlorobutadiene	13.79	225	22881	19.42	ug/l	99
95) Naphthalene	13.84	128	205790	20.83	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	56882	20.31	ug/l	98

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



#1

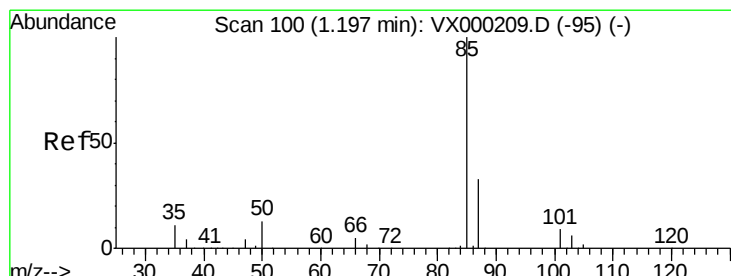
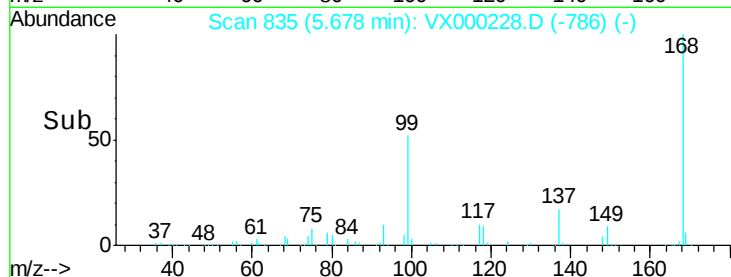
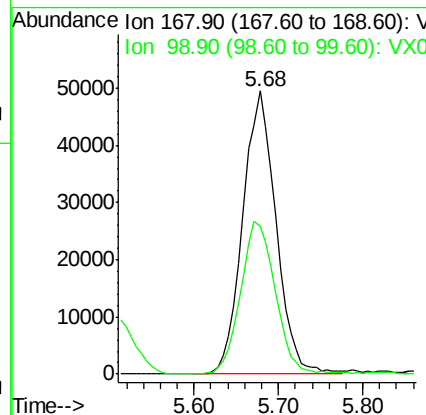
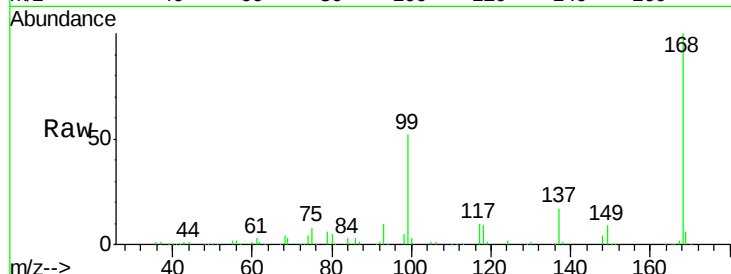
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: VX000228.D
 Acq: 08 Mar 2018 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308MBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	52.3	42.8	64.2

Manual Integrations
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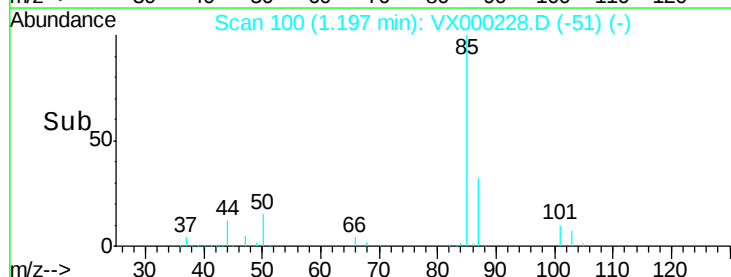
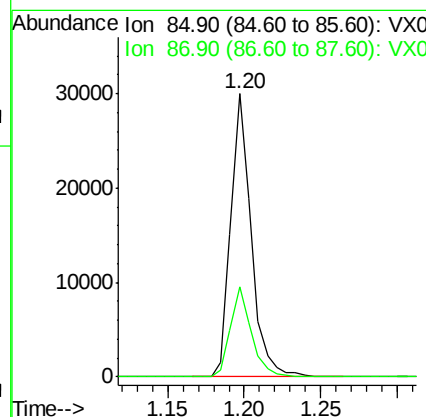
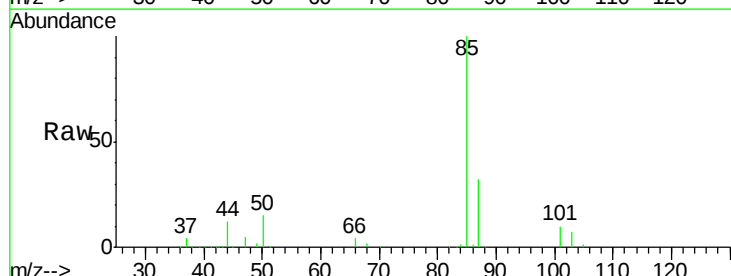
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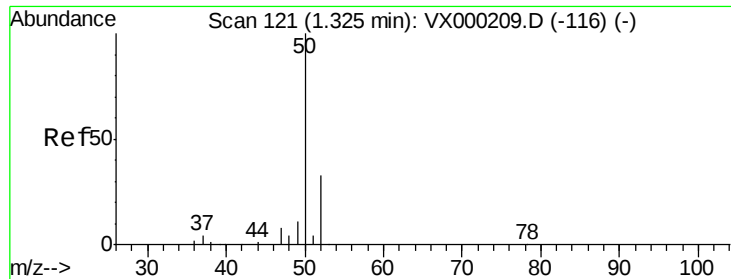


#2

Dichlorodifluoromethane
 Concen: 19.32 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX000228.D
 Acq: 08 Mar 2018 18:54

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.7	50.0





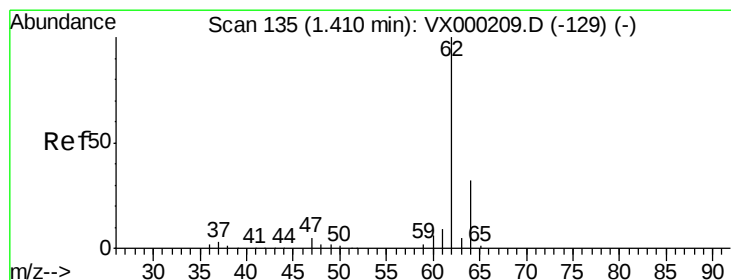
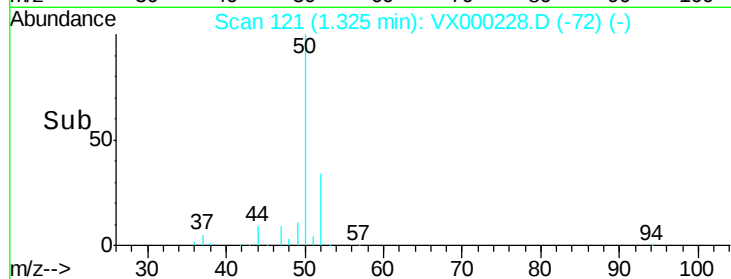
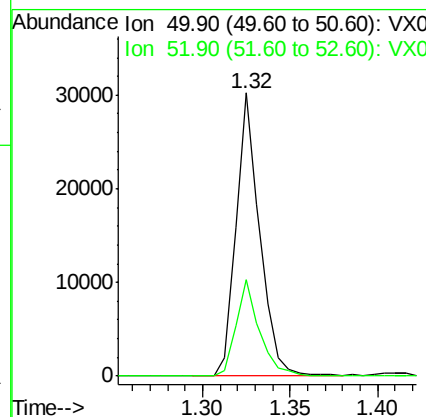
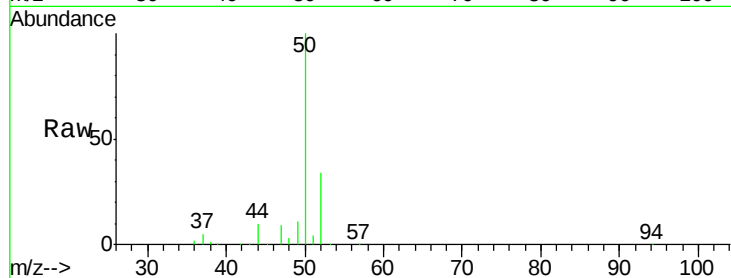
#3
Chloromethane
Concen: 20.26 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VX0308MBS01

Tot Ion	50	52	Resp	Lower	Upper
28450	100	34.0		26.2	39.2

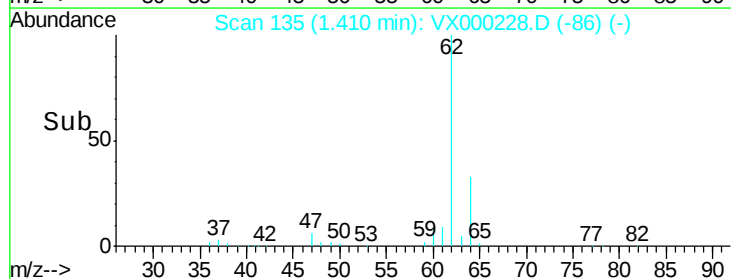
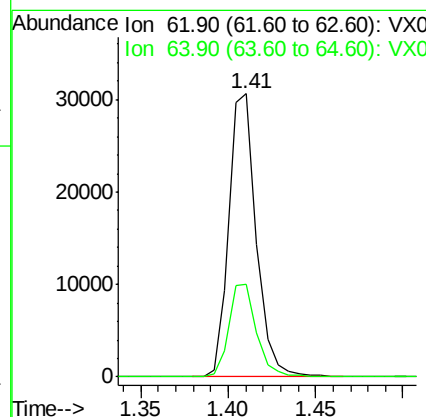
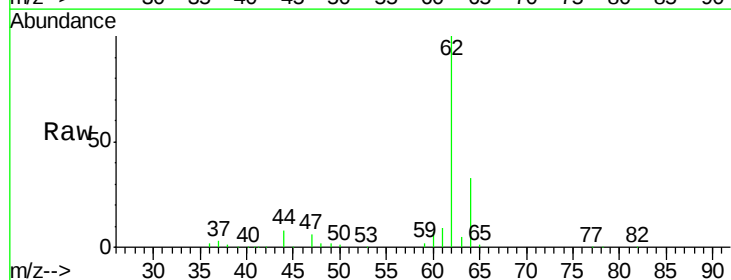
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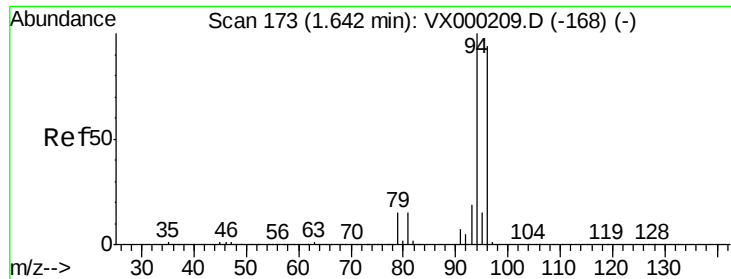
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#4
Vinyl Chloride
Concen: 20.45 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Tgt Ion	62	64	Resp	Lower	Upper
33478	100	32.8		25.7	38.5





#5

Bromomethane

Concen: 16.93 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VX0308MBS01

Tot Ion: 94 Resp: 30043

Ion Ratio Lower Upper

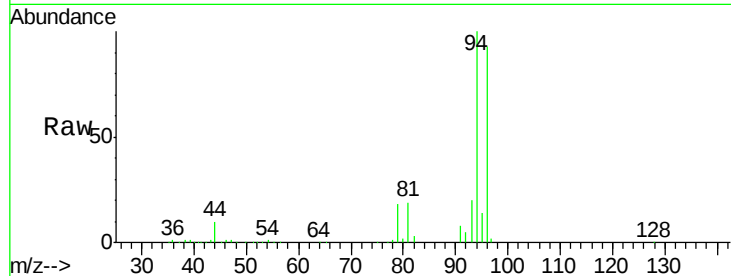
94 100

96 93.4 75.3 112.9

Manual Integrations
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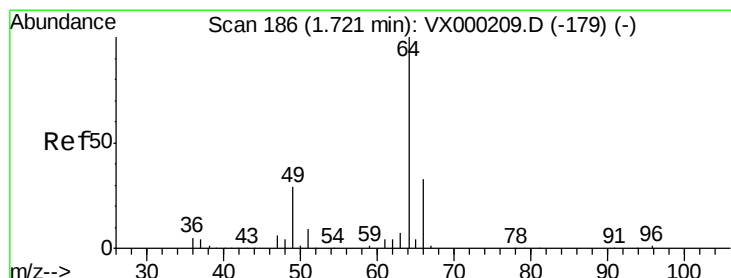
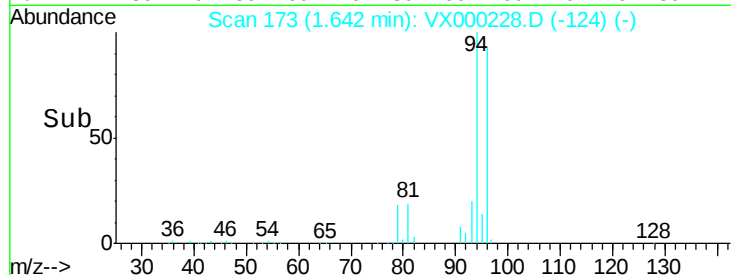
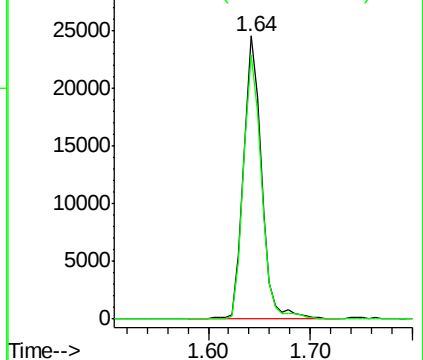
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 22.15 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000228.D

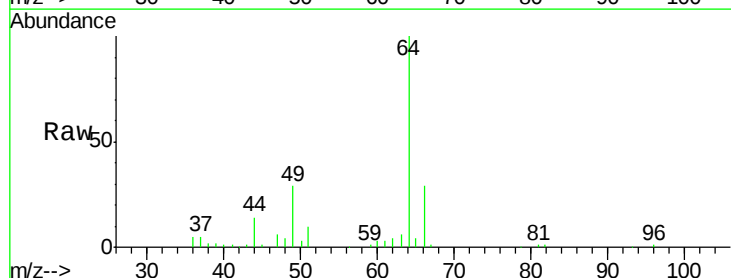
Acq: 08 Mar 2018 18:54

Tgt Ion: 64 Resp: 22874

Ion Ratio Lower Upper

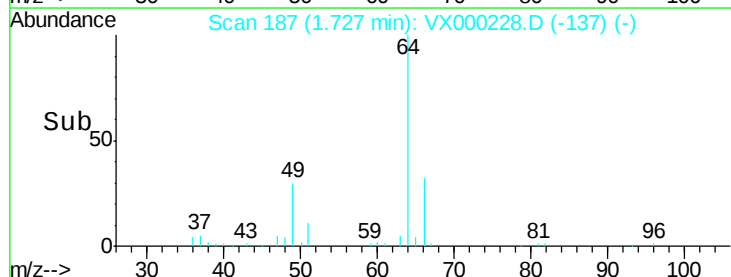
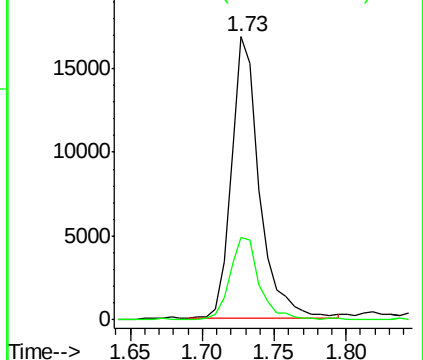
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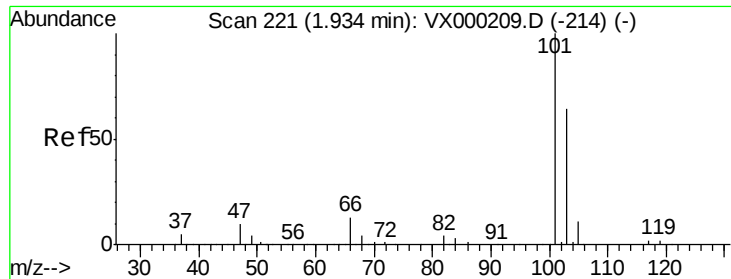
66 29.4 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

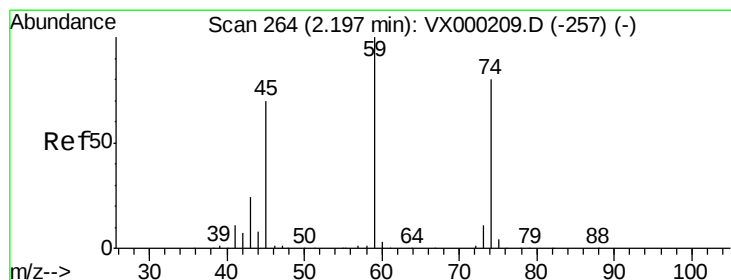
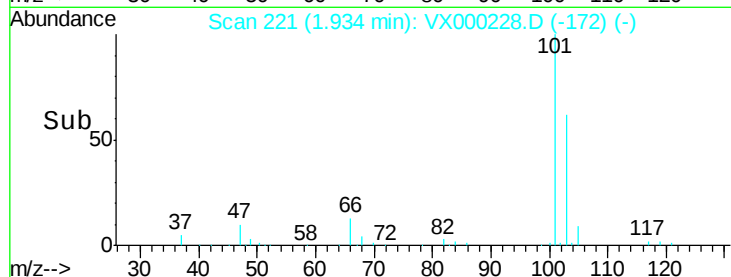
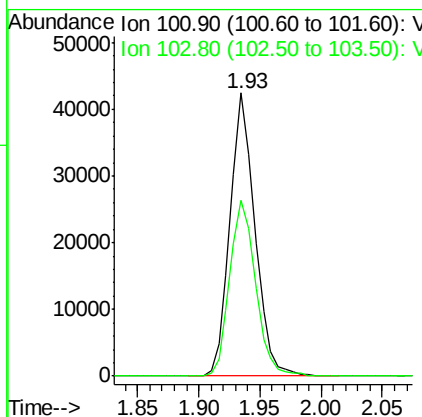
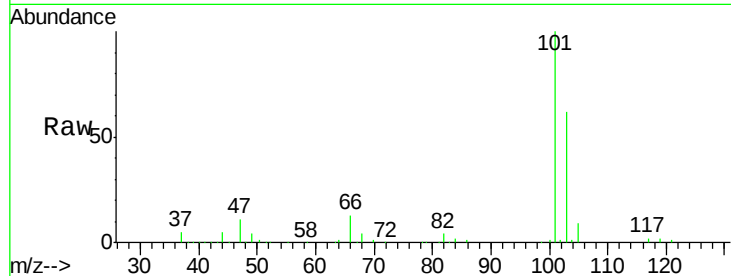
Trichlorofluoromethane
 Concen: 22.08 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX000228.D
 Acq: 08 Mar 2018 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308MBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	51.2	76.8

Manual Integrations
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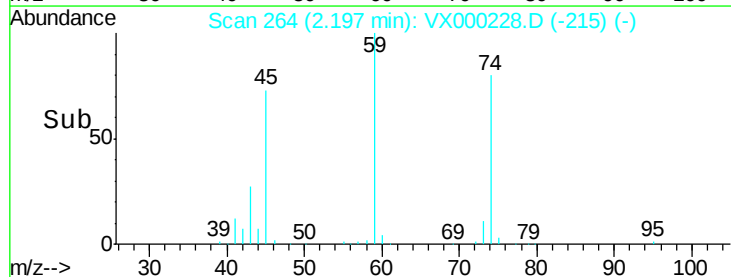
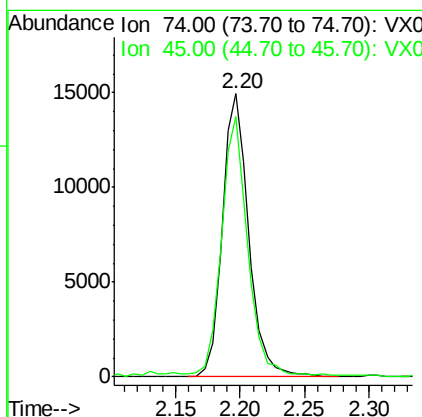
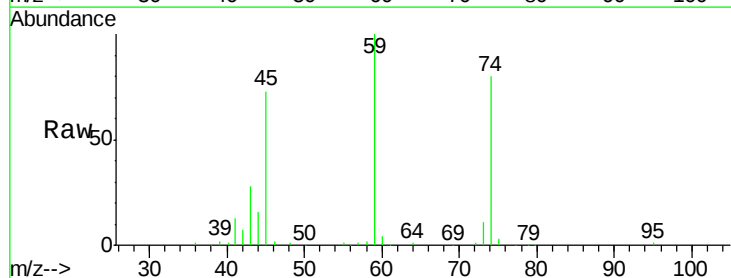
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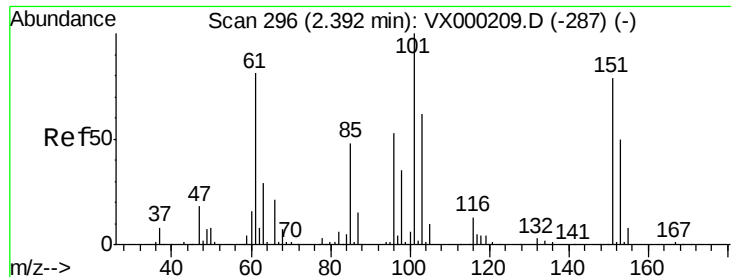


#8

Diethyl Ether
 Concen: 21.57 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX000228.D
 Acq: 08 Mar 2018 18:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.3	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.81 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Instrument :

MSVOA_X

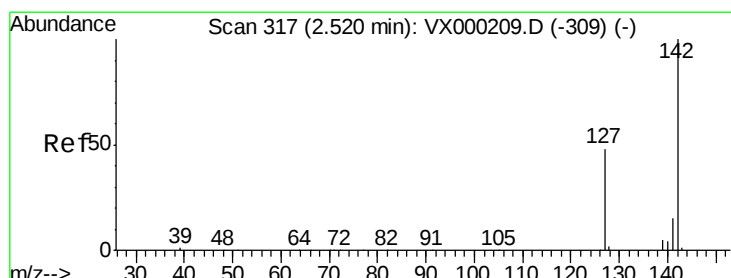
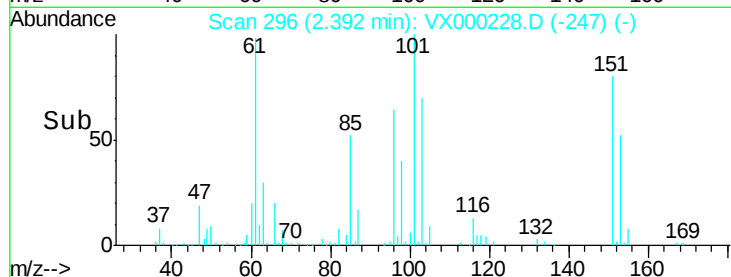
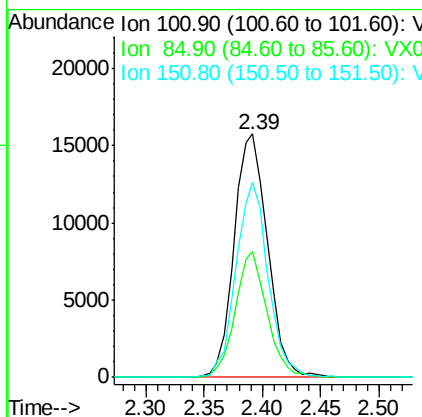
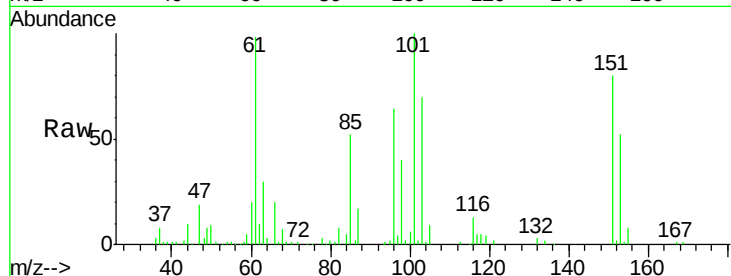
ClientSampleId :

VX0308MBS01

Tot Ion:	101	Resp:	31569
Ion Ratio	Lower	Upper	
101	100		
85	48.9	38.3	57.5
151	77.2	62.8	94.2

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#10

Methyl Iodide

Concen: 18.38 ug/l

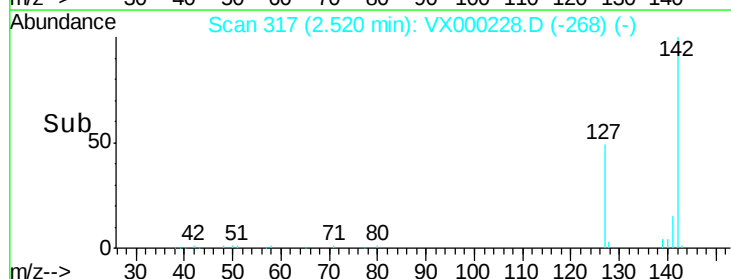
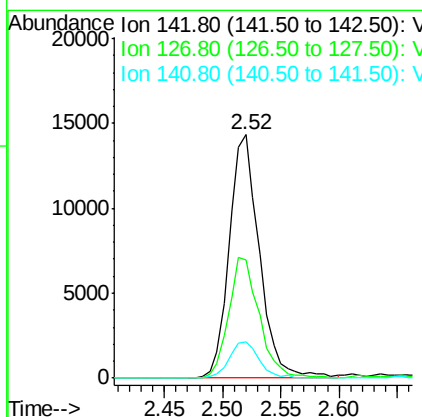
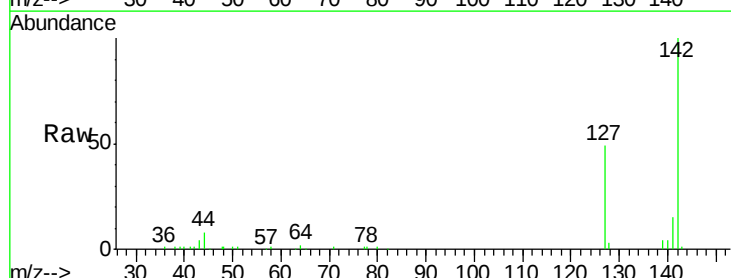
RT: 2.52 min Scan# 317

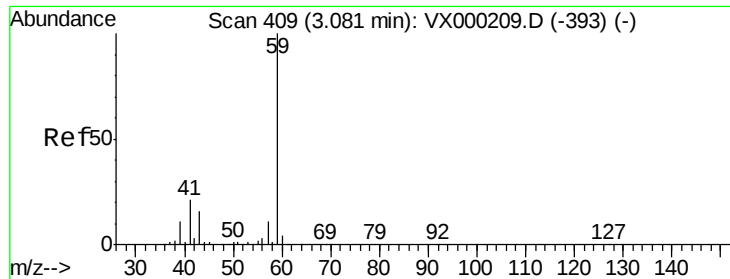
Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Tgt Ion:	142	Resp:	25888
Ion Ratio	Lower	Upper	
142	100		
127	50.1	39.0	58.6
141	14.7	11.6	17.4





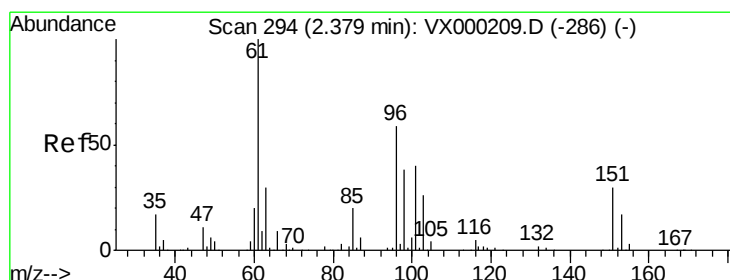
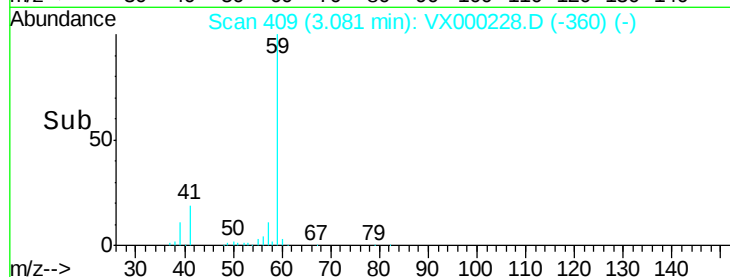
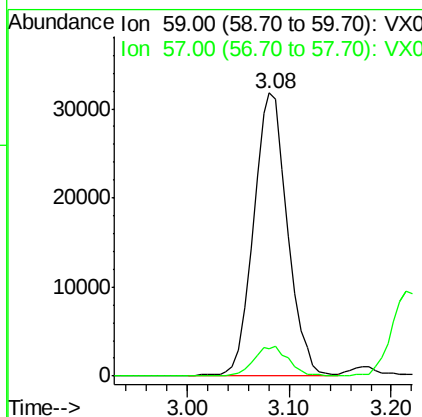
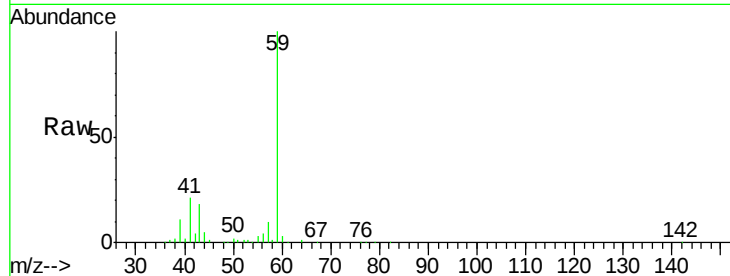
#11
Tert butyl alcohol
Concen: 109.24 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Instrument :
MSVOA_X
ClientSampled :
VX0308MBS01

Tot Ion	59	Resp	73464
Ion Ratio	100	Lower	Upper
57	10.9	8.4	12.6

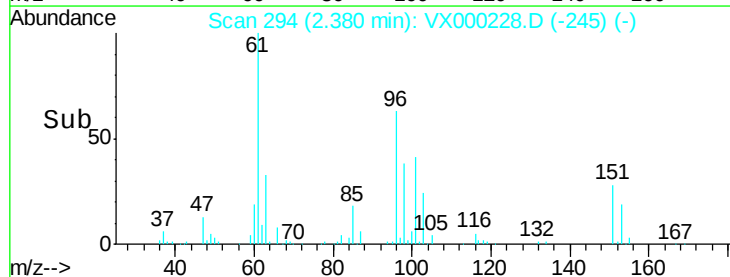
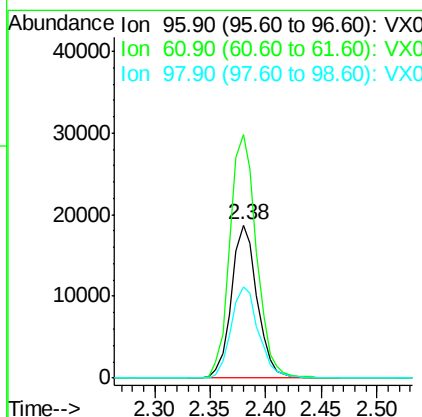
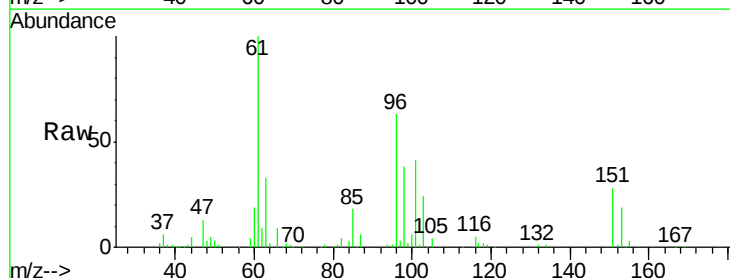
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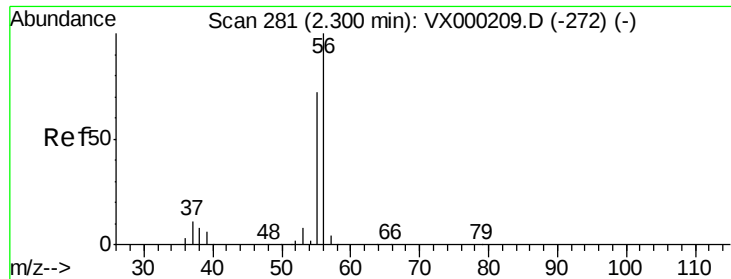
apatel
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#12
1,1-Dichloroethene
Concen: 21.69 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Tgt Ion	96	Resp	30200
Ion Ratio	100	Lower	Upper
61	159.1	135.8	203.6
98	60.0	51.1	76.7





#13

Acrolein

Concen: 126.06 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VX0308MBS01

Tot Ion: 56 Resp: 44572

Ion Ratio Lower Upper

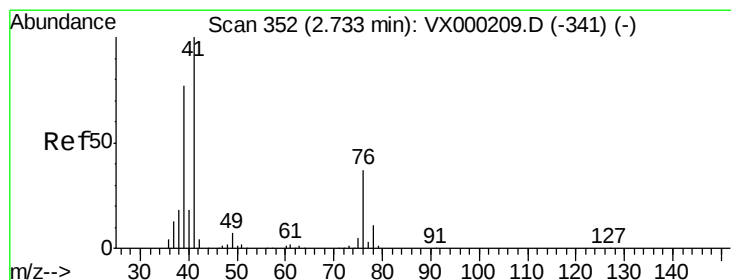
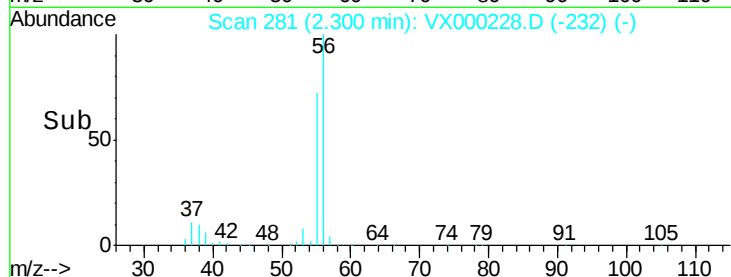
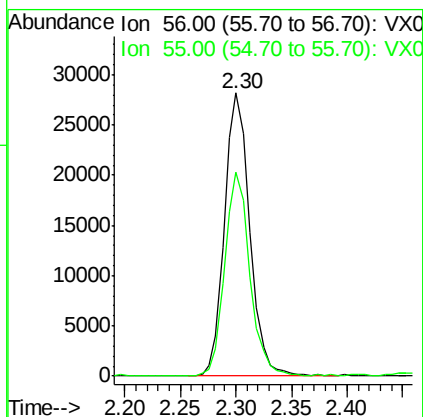
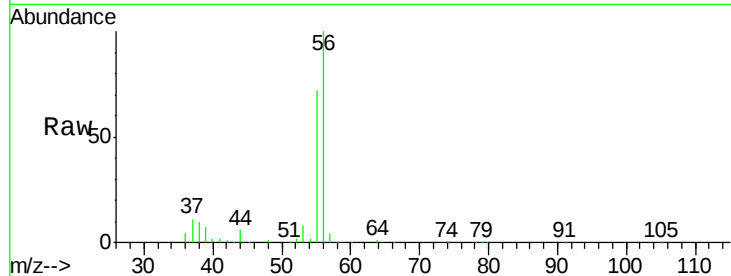
56 100

55 71.6 59.2 88.8

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#14

Allyl chloride

Concen: 21.44 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

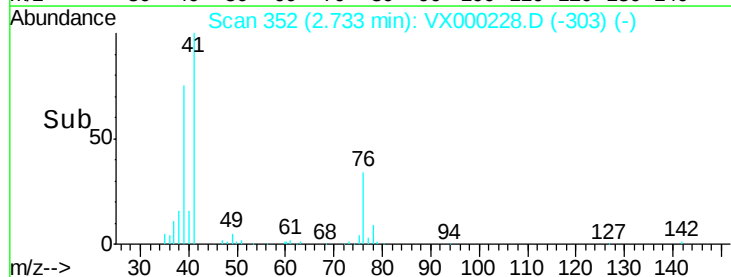
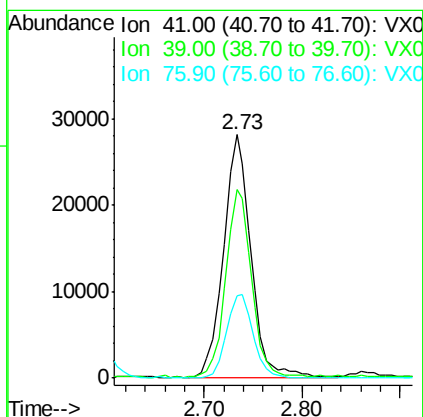
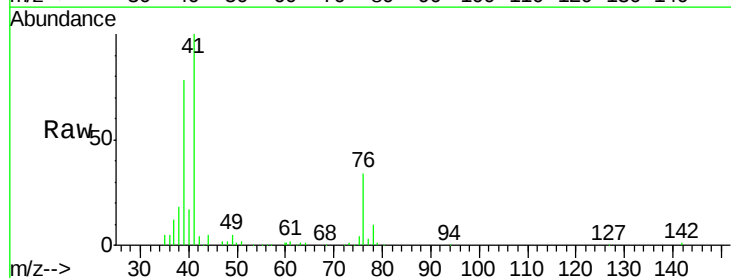
Tgt Ion: 41 Resp: 55158

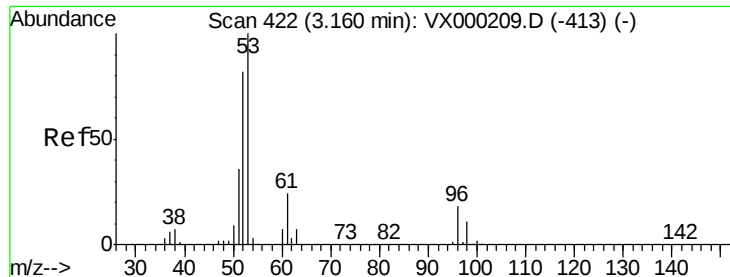
Ion Ratio Lower Upper

41 100

39 71.6 57.0 85.6

76 32.8 26.8 40.2





#15

Acrylonitrile

Concen: 112.49 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Instrument :

MSVOA_X

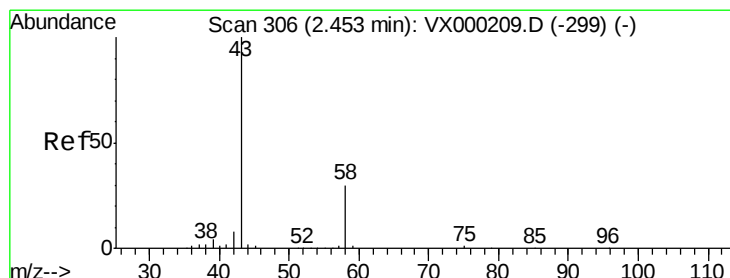
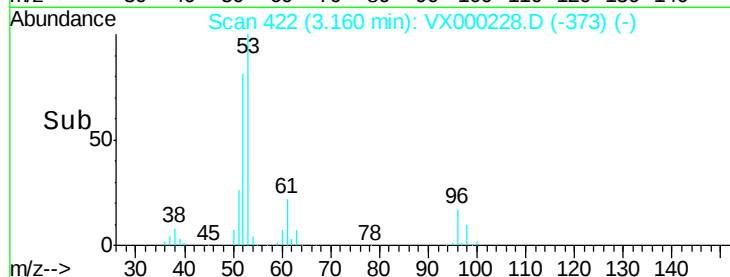
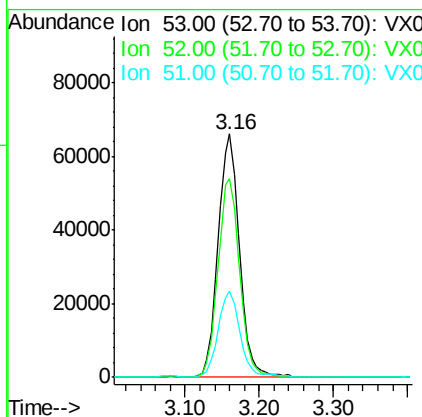
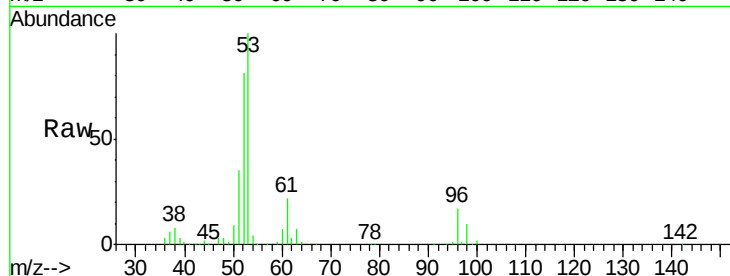
ClientSampleId :

VX0308MBS01

Tot Ion:	53	Resp:	131653
Ion Ratio		Lower	Upper
53	100		
52	82.8	66.3	99.5
51	36.0	29.6	44.4

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#16

Acetone

Concen: 115.04 ug/l

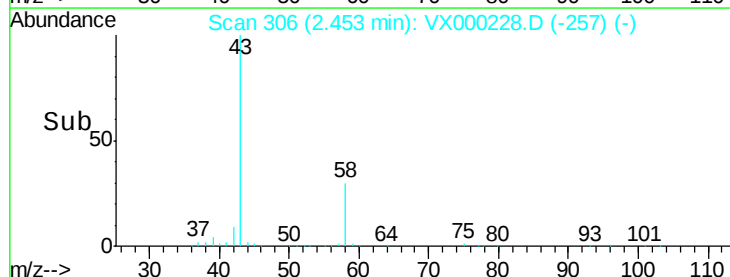
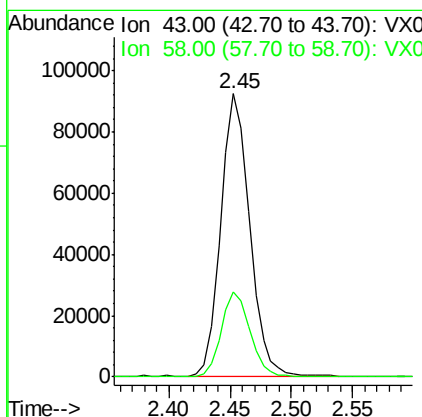
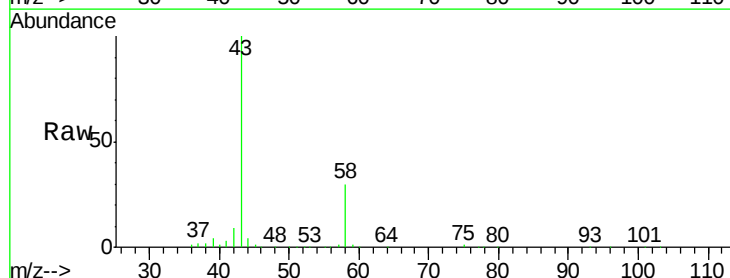
RT: 2.45 min Scan# 306

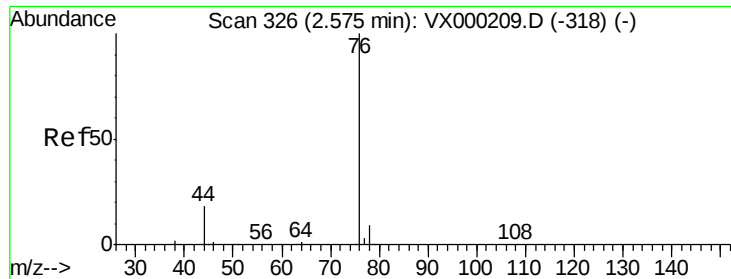
Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Tgt Ion:	43	Resp:	151211
Ion Ratio		Lower	Upper
43	100		
58	30.2	23.8	35.6





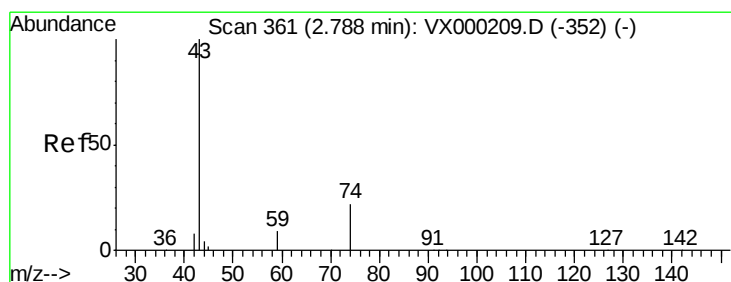
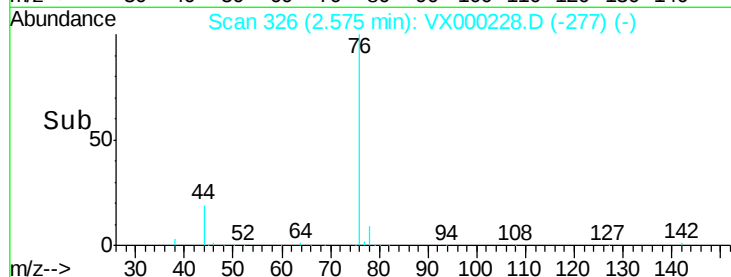
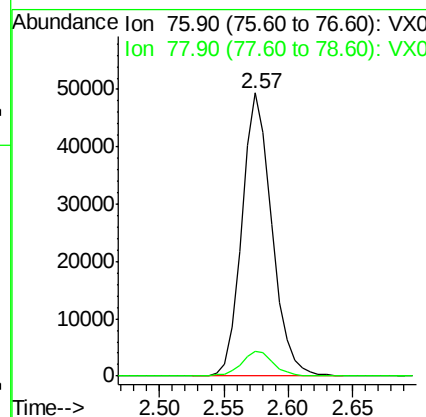
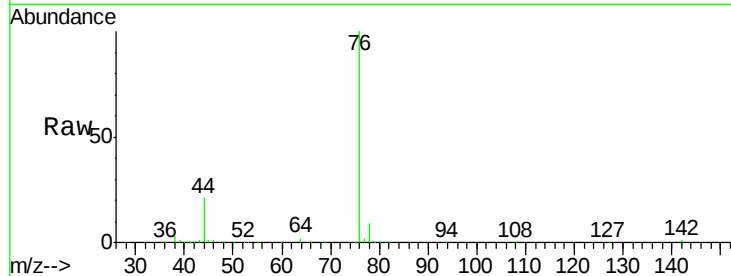
#17
Carbon Disulfide
Concen: 20.76 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VX0308MBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

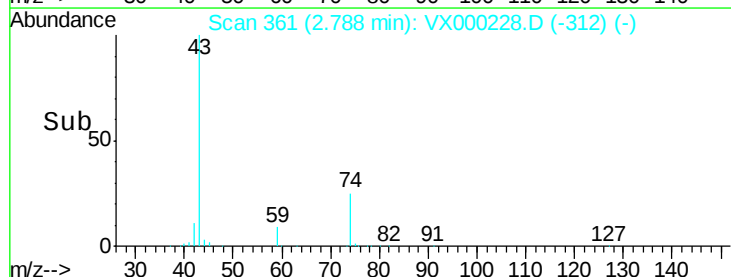
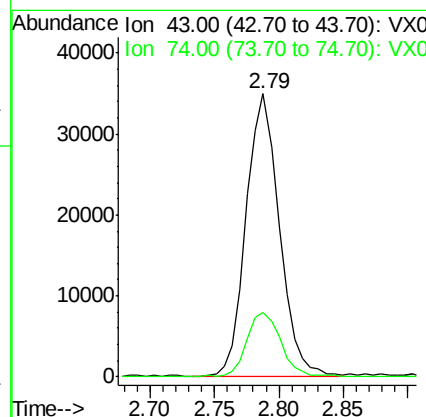
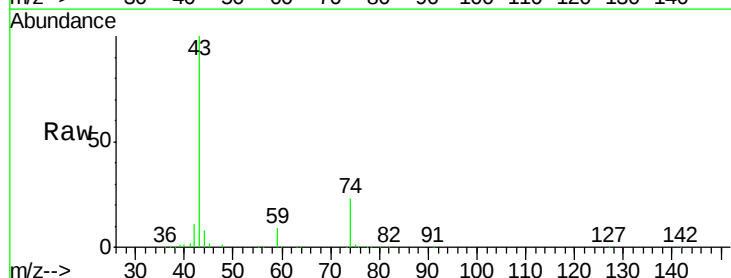
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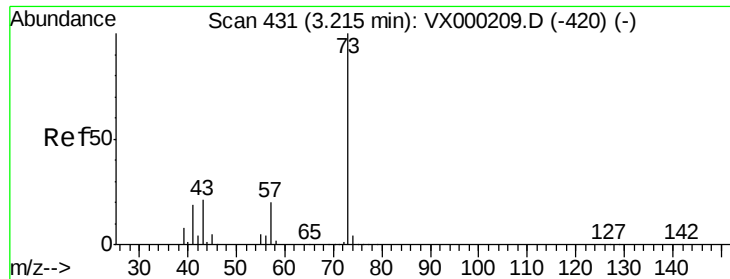
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#18
Methyl Acetate
Concen: 22.24 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.9	28.3





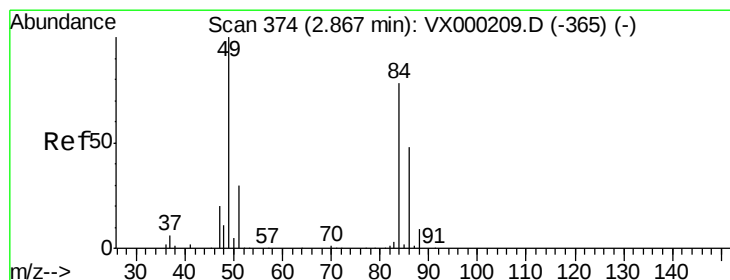
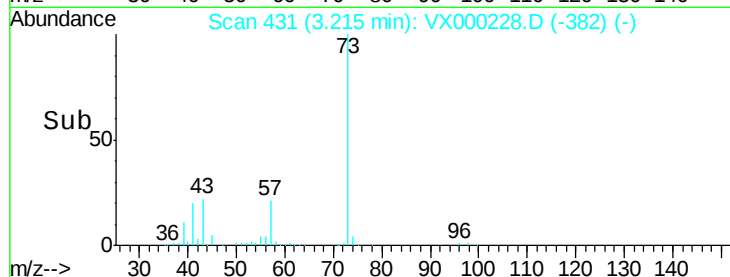
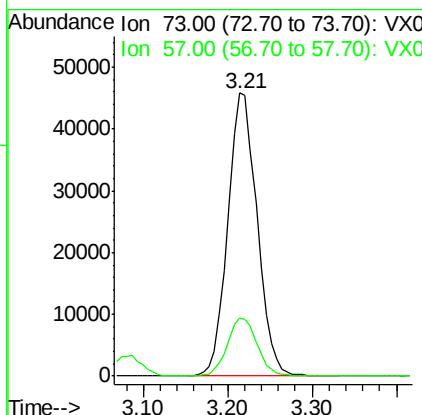
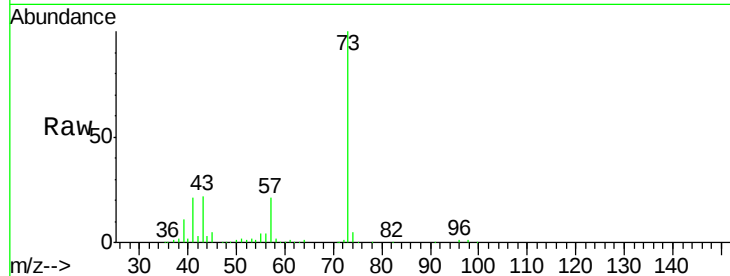
#19
Methvl tert-butvl Ether
Concen: 21.86 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VX0308MBSD01

Tot Ion	73	Resp	108427
Ion Ratio	100	Lower	Upper
73	100		
57	20.8	16.3	24.5

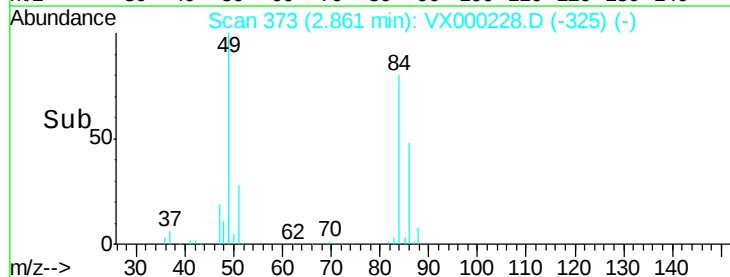
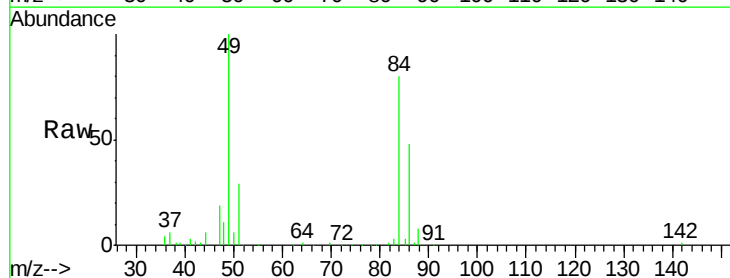
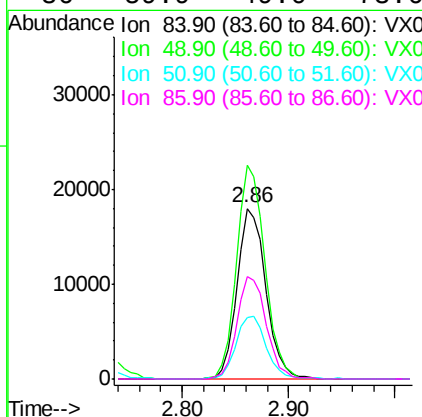
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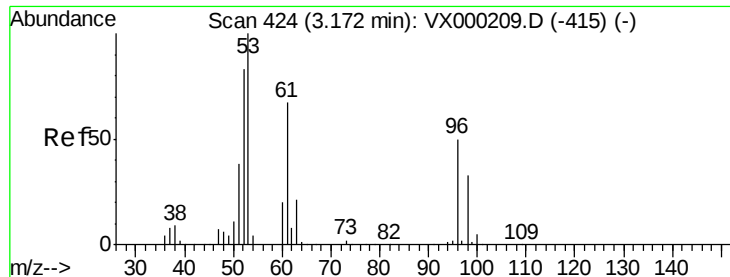
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#20
Methylene Chloride
Concen: 21.86 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Tgt Ion	84	Resp	34268
Ion Ratio	100	Lower	Upper
84	100		
49	125.4	102.1	153.1
51	35.5	30.6	45.8
86	59.9	49.0	73.6





#21

trans-1,2-Dichloroethene

Concen: 21.46 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Instrument :

MSVOA_X

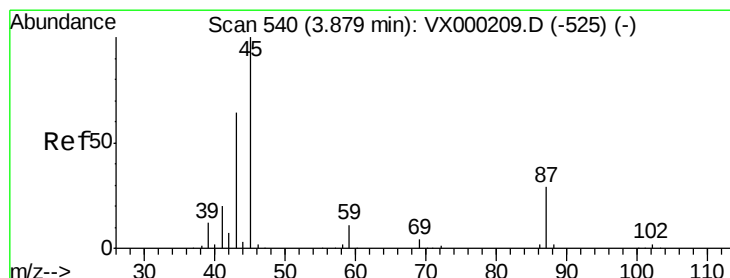
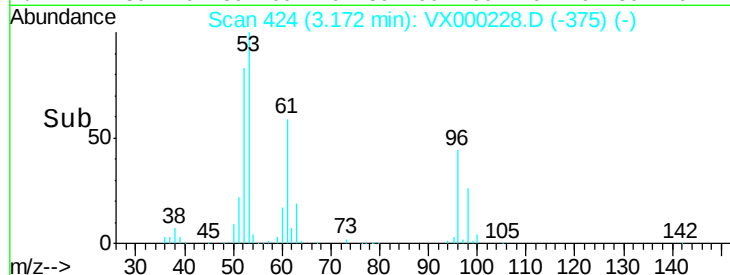
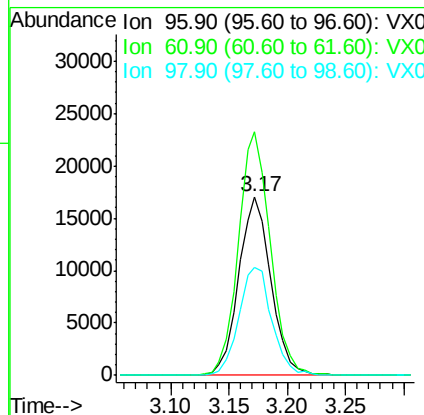
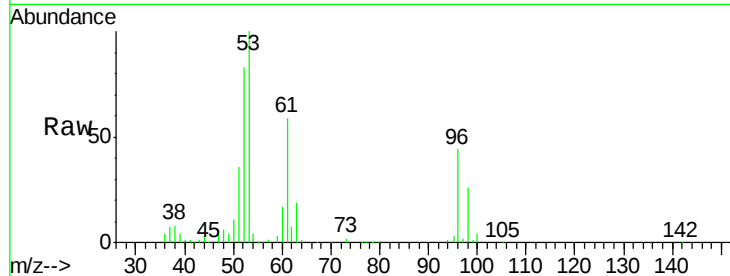
ClientSampleId :

VX0308MBS01

Tot Ion:	96	Resp:	32863
Ion	Ratio	Lower	Upper
96	100		
61	136.4	107.0	160.4
98	60.6	51.8	77.8

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#22

Diisopropyl ether

Concen: 18.27 ug/l

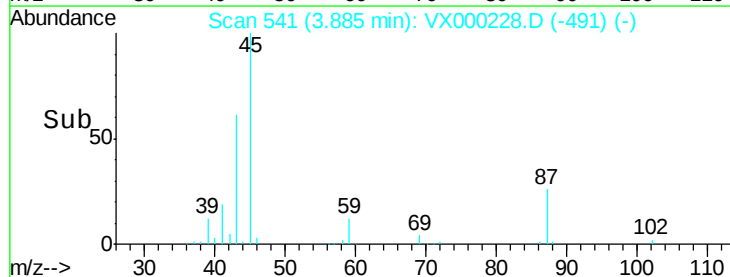
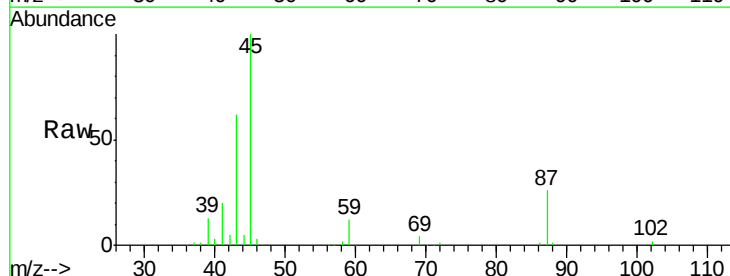
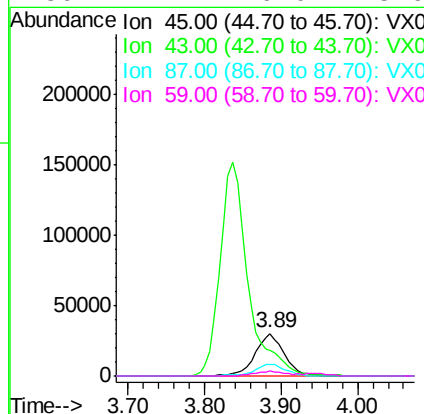
RT: 3.89 min Scan# 541

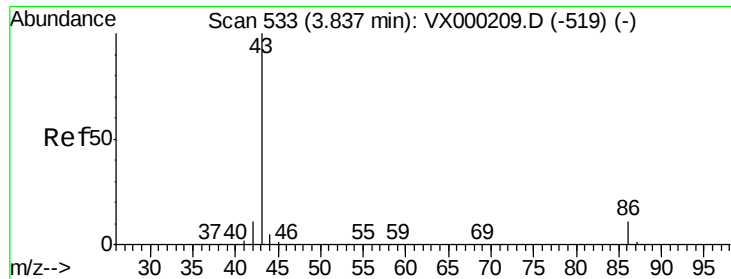
Delta R.T. 0.01 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Tgt Ion:	45	Resp:	80731
Ion	Ratio	Lower	Upper
45	100		
43	61.0	53.5	80.3
87	26.4	23.3	34.9
59	12.2	9.0	13.6





#23

Vinyl Acetate

Concen: 90.97 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Instrument :

MSVOA_X

ClientSampled :

VX0308MBS01

Tot Ion: 43 Resp: 387310

Ion Ratio Lower Upper

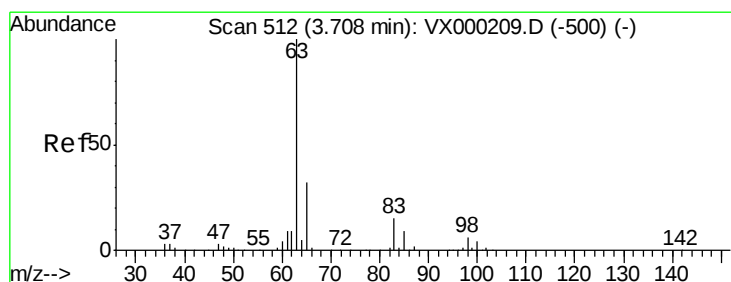
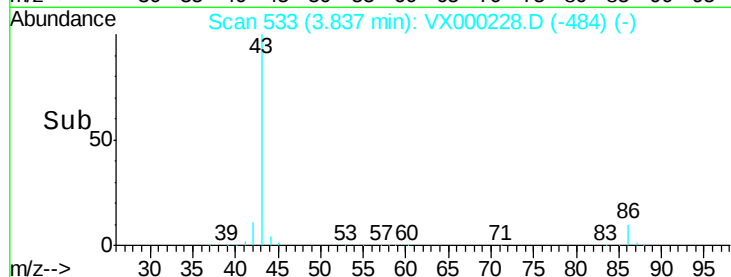
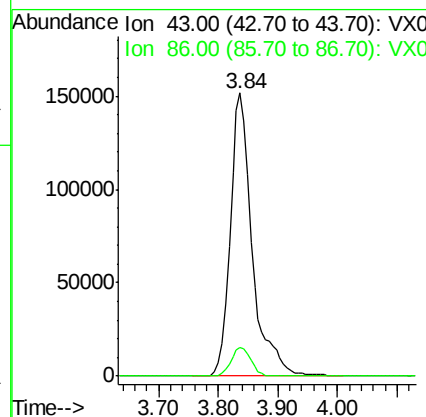
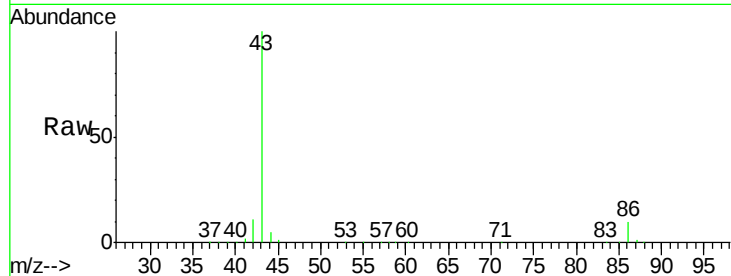
43 100

86 10.4 8.5 12.7

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#24

1,1-Dichloroethane

Concen: 19.66 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

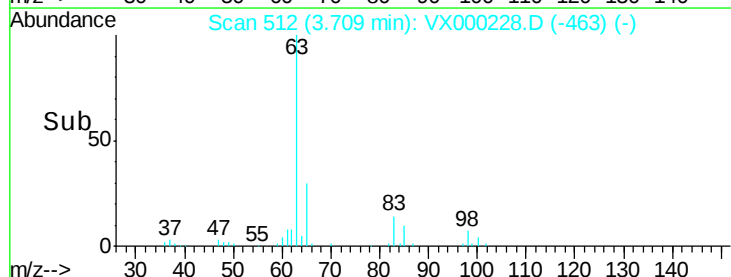
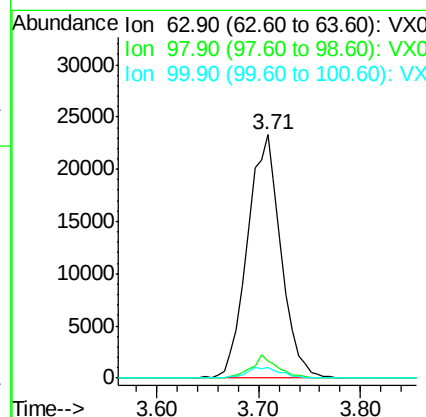
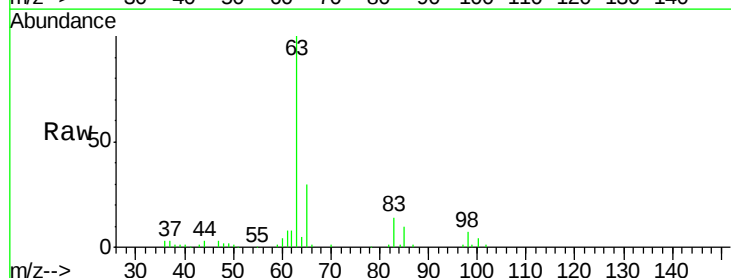
Tgt Ion: 63 Resp: 53233

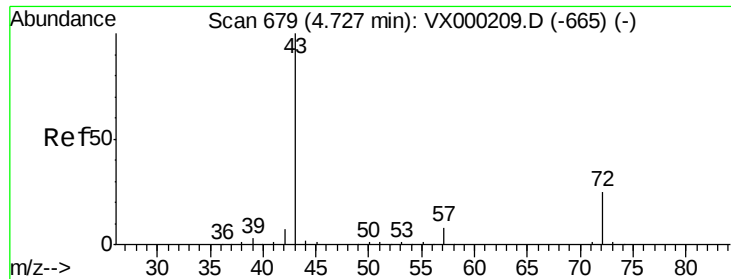
Ion Ratio Lower Upper

63 100

98 6.9 3.1 9.4

100 4.2 2.2 6.6





#25

2-Butanone

Concen: 106.76 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VX0308MBSD01

Tot Ion: 43 Resp: 173171

Ion Ratio Lower Upper

43 100

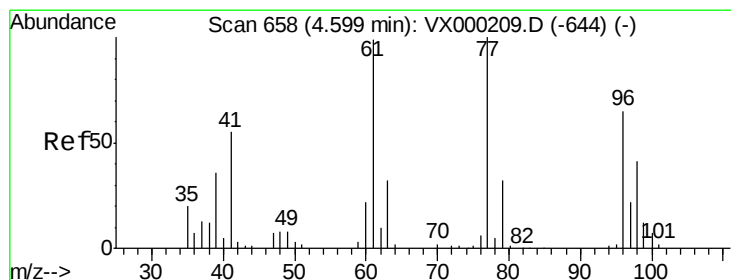
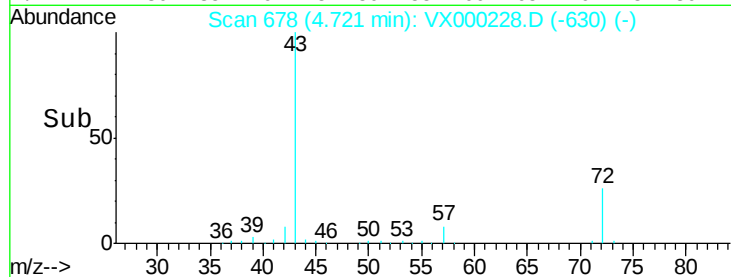
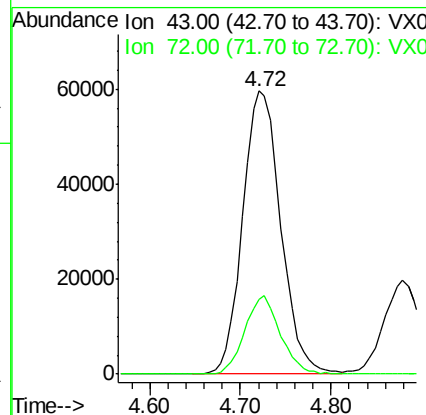
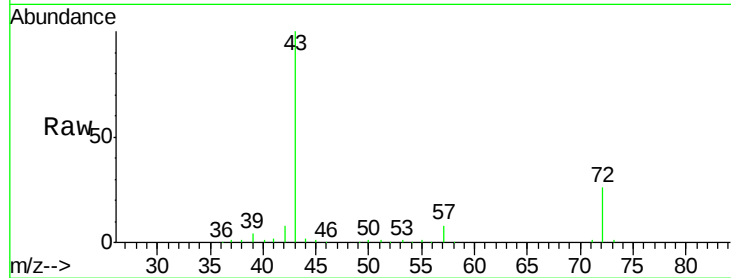
72 26.4 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 19.62 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX000228.D

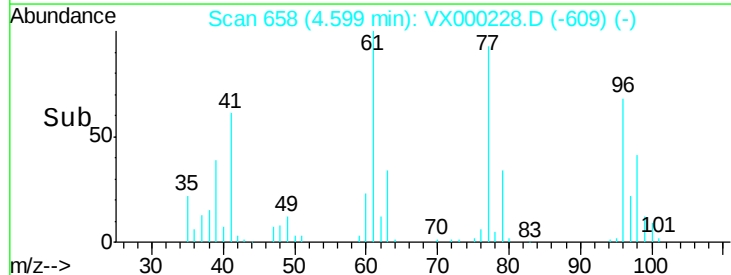
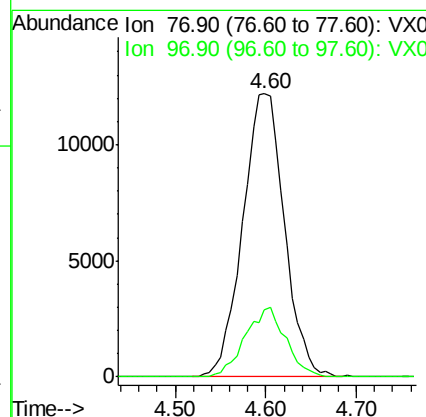
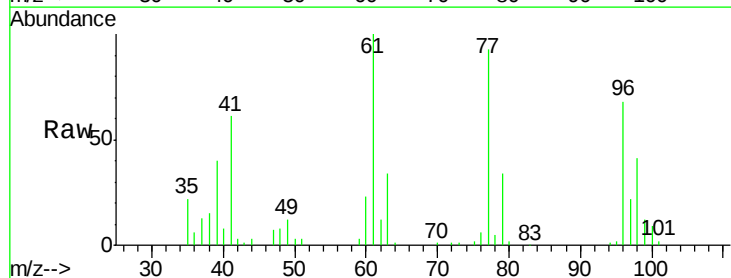
Acq: 08 Mar 2018 18:54

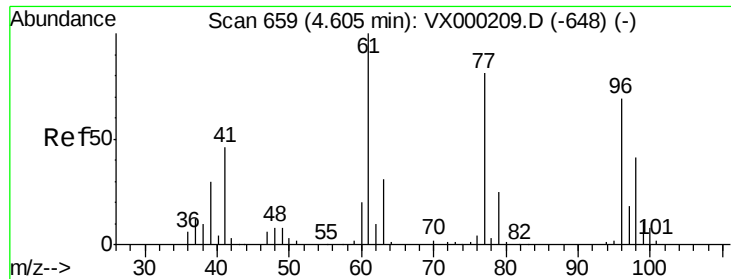
Tgt Ion: 77 Resp: 38843

Ion Ratio Lower Upper

77 100

97 23.6 11.4 34.1





#27

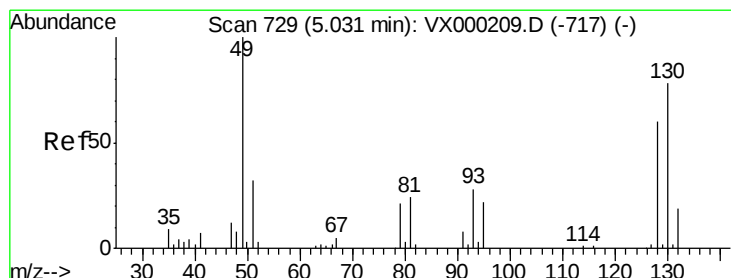
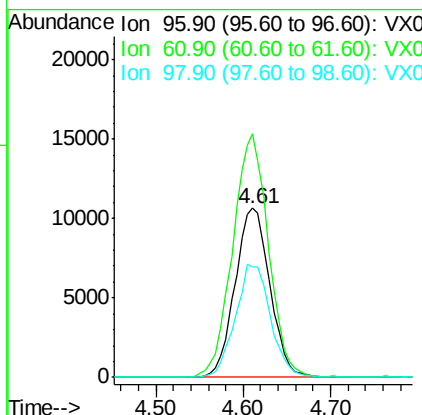
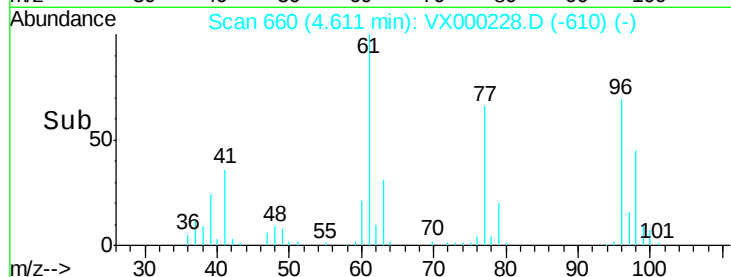
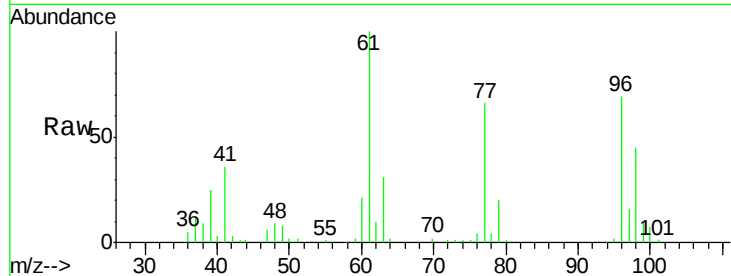
cis-1,2-Dichloroethene
Concen: 20.34 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VX0308MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.0	0.0	296.4
98	66.6	0.0	130.6

Manual Integrations
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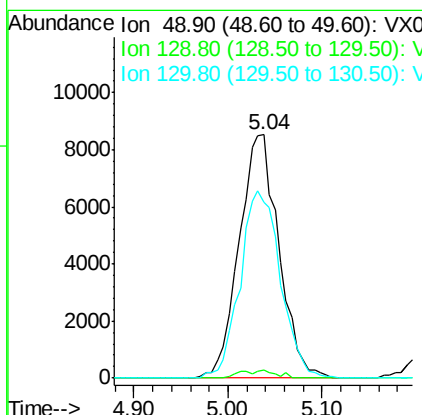
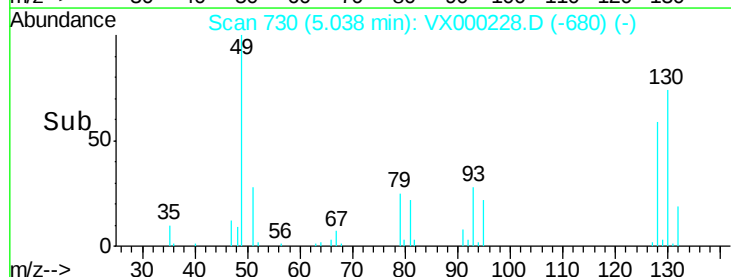
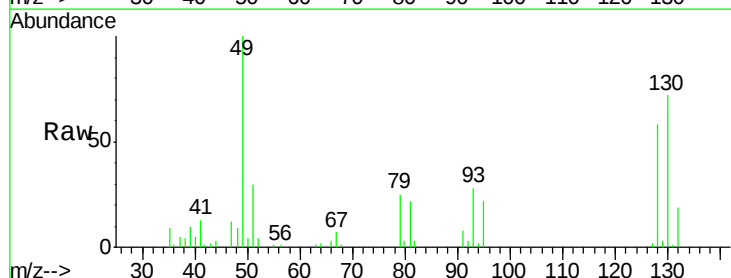
apatel
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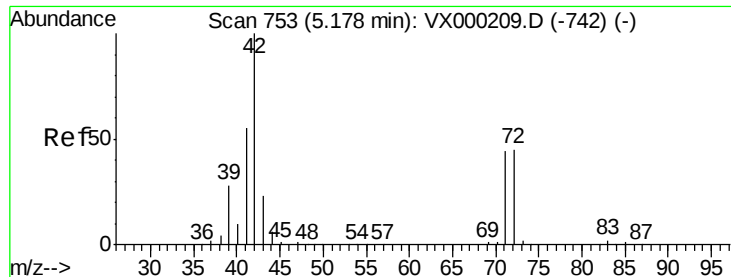


#28

Bromochloromethane
Concen: 21.74 ug/l
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	5.0
130	78.2	63.5	95.3





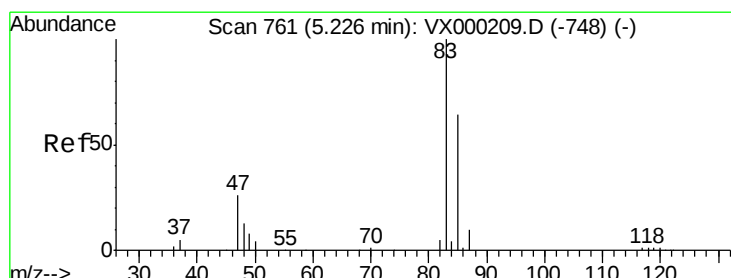
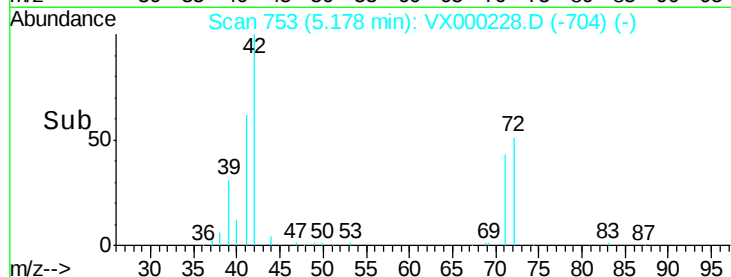
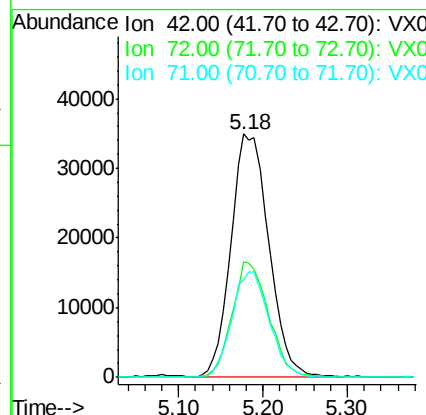
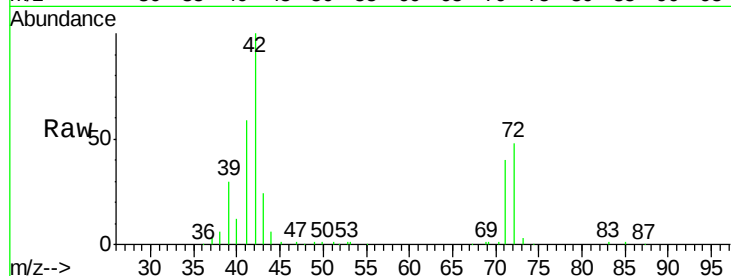
#29
Tetrahydrofuran
Concen: 104.45 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VX0308MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	37.3	55.9
71	43.1	35.0	52.4

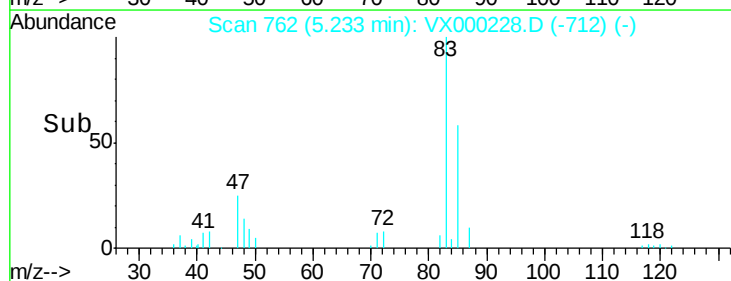
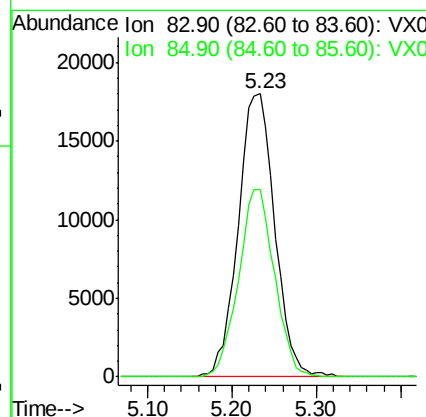
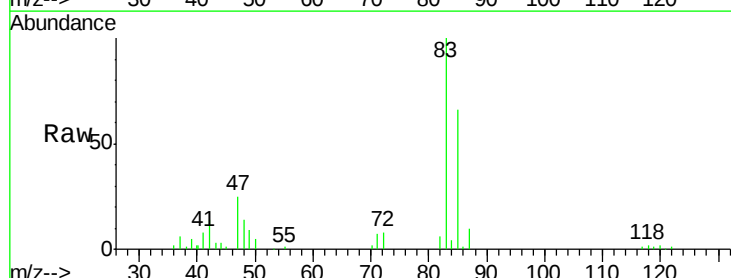
Manual Integrations
APPROVED

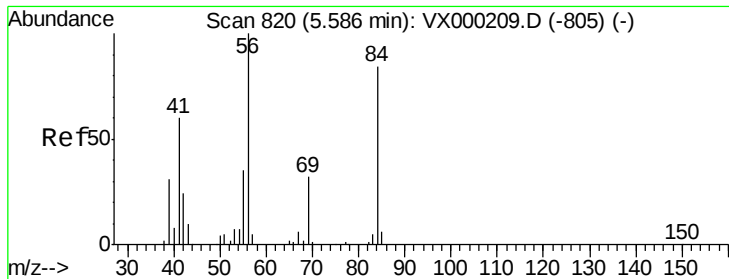
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#30
Chloroform
Concen: 20.14 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.0	76.6





#31

Cyclohexane

Concen: 20.66 ug/l

RT: 5.59 min Scan# 821

Delta R.T. 0.01 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Instrument :

MSVOA_X

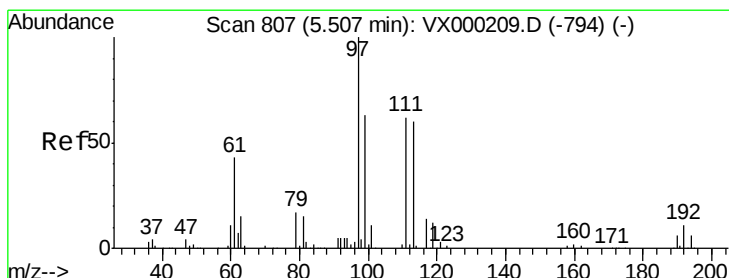
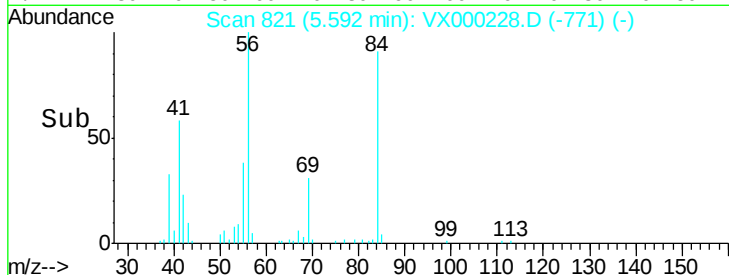
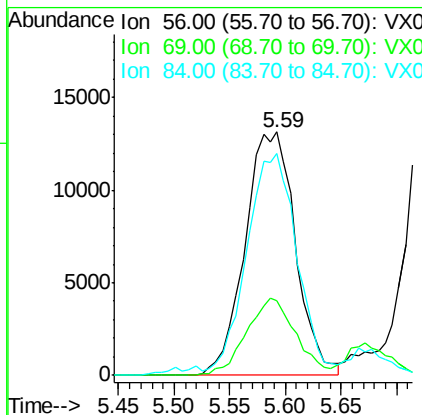
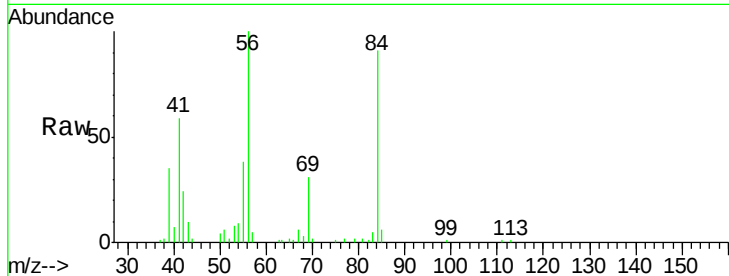
ClientSampleId :

VX0308MBS01

Tot Ion:	56	Resp:	41381
Ion Ratio	Lower	Upper	
56	100		
69	30.7	25.3	37.9
84	88.6	67.2	100.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.85 ug/l

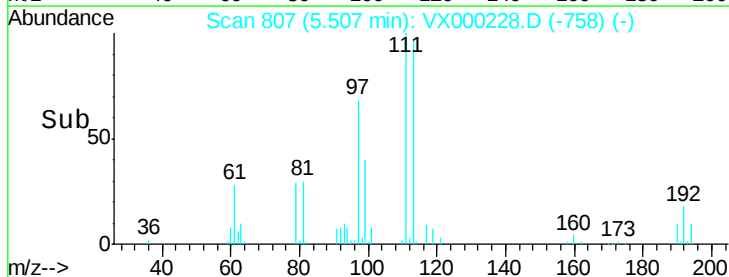
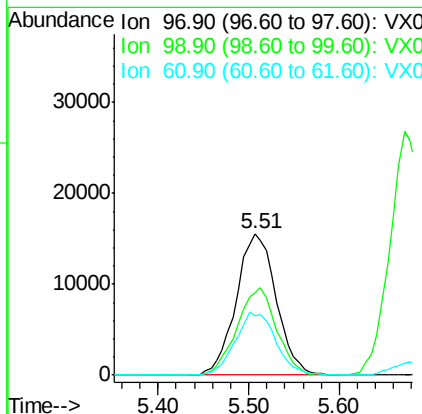
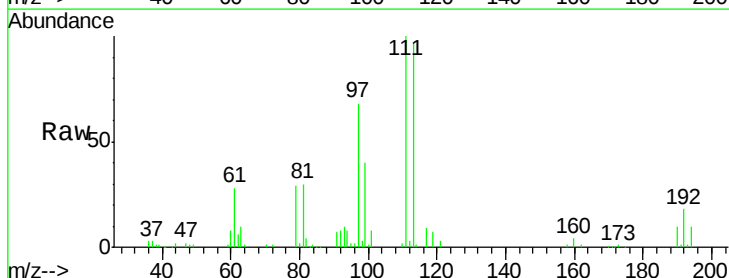
RT: 5.51 min Scan# 807

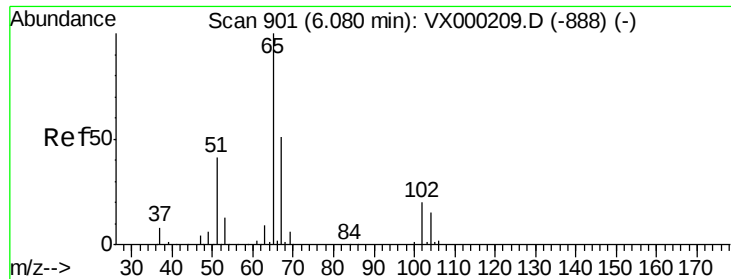
Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Tgt Ion:	97	Resp:	47323
Ion Ratio	Lower	Upper	
97	100		
99	61.5	50.9	76.3
61	45.1	35.4	53.0





#33

1,2-Dichloroethane-d4

Concen: 51.41 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Tot Ion: 65 Resp: 94091

Ion Ratio Lower Upper

65 100

67 50.3 0.0 103.4

Instrument :

MSVOA_X

ClientSampleId :

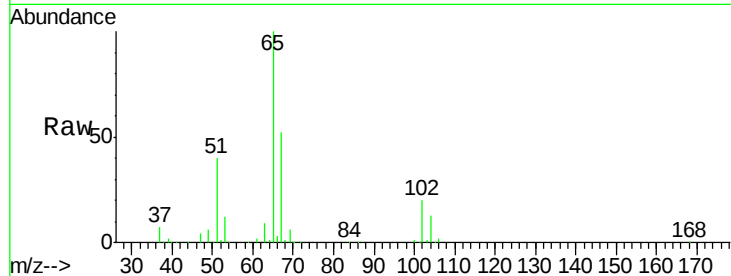
VX0308MBS01

Manual Integrations

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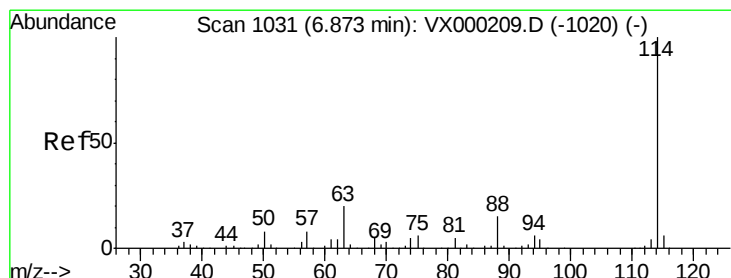
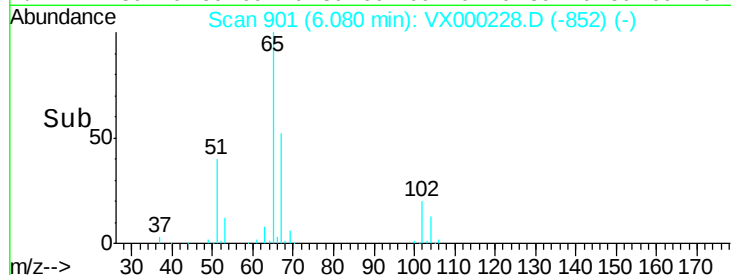
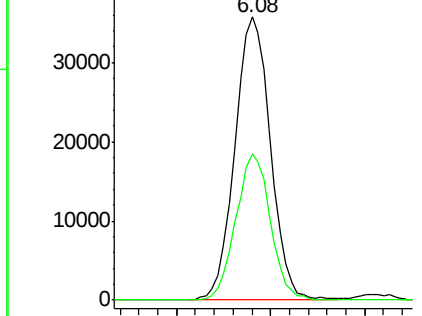
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

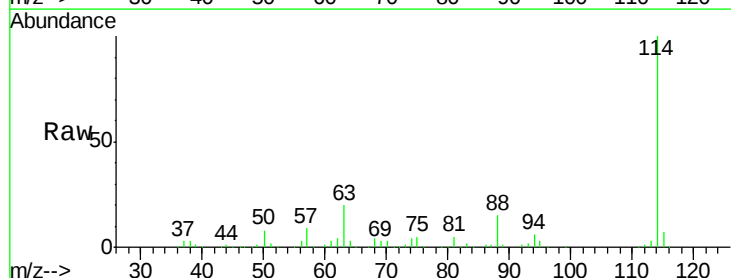
Tgt Ion:114 Resp: 225932

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.2

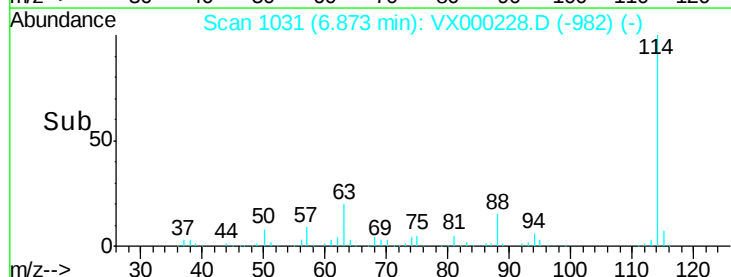
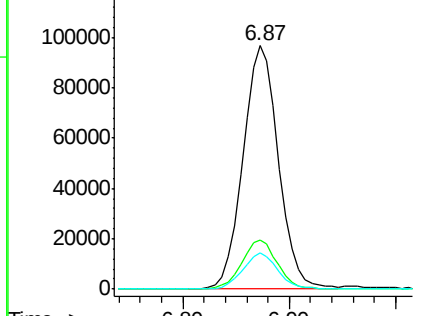
88 15.0 0.0 29.8

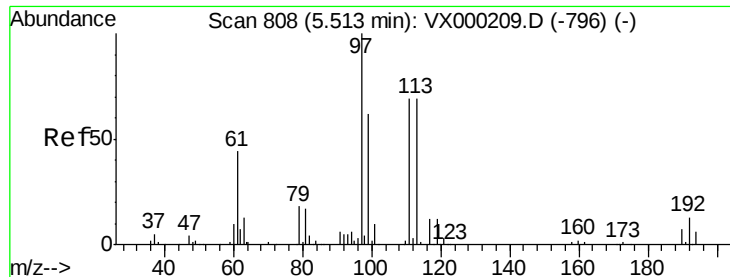


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.04 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Instrument :

MSVOA_X

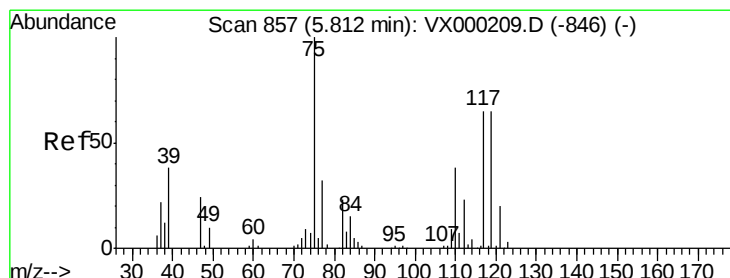
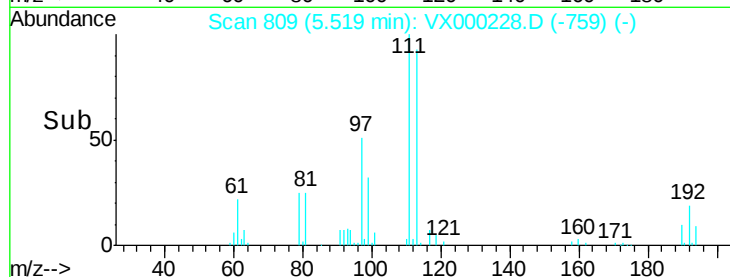
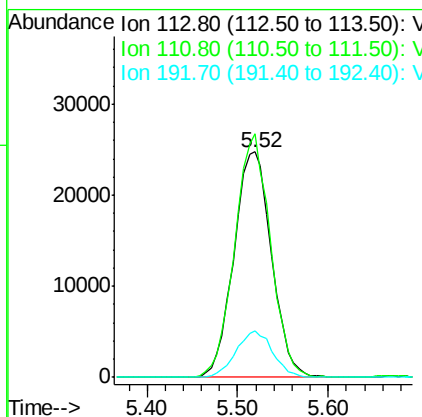
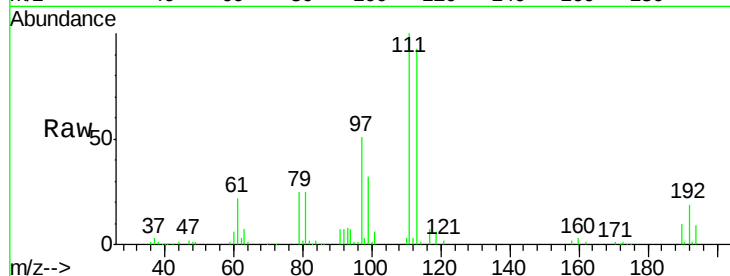
ClientSampled :

VX0308MBSD01

Tot Ion:	113	Resp:	71021
Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.0	124.6
192	20.1	15.5	23.3

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#36

1,1-Dichloropropene

Concen: 19.81 ug/l

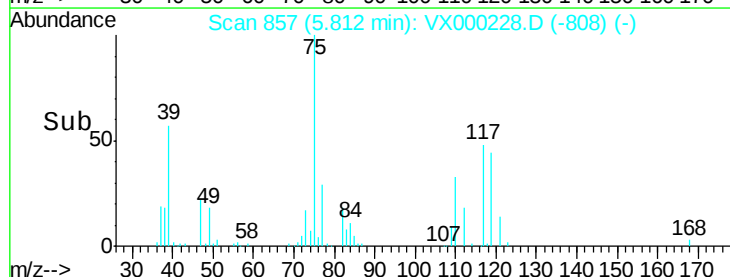
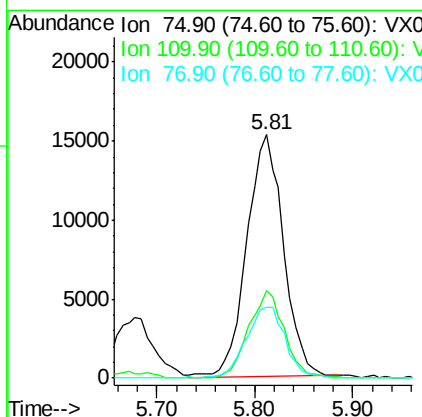
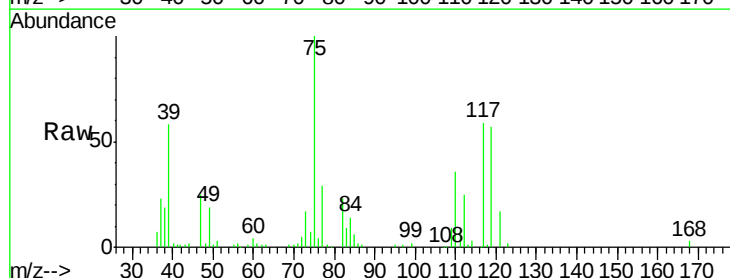
RT: 5.81 min Scan# 857

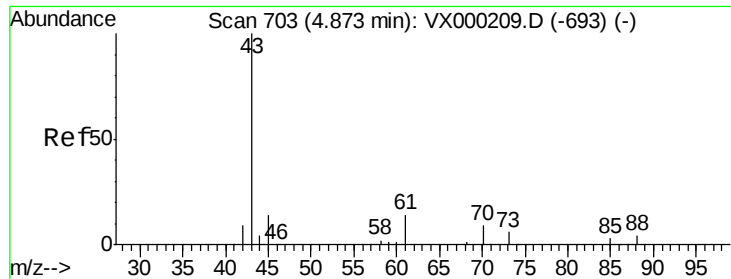
Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Tgt Ion:	75	Resp:	39821
Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.8	53.5
77	31.6	24.9	37.3





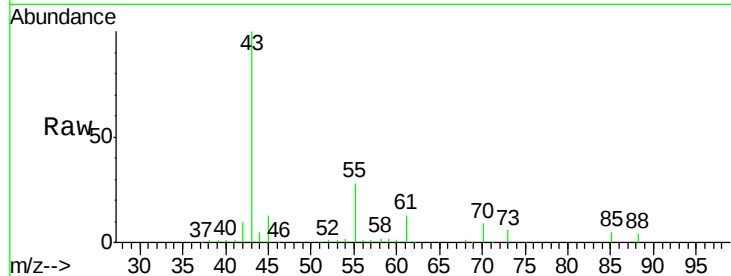
#37
Ethyl Acetate
Concen: 20.01 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Instrument :
MSVOA_X
ClientSampled :
VX0308MBS01

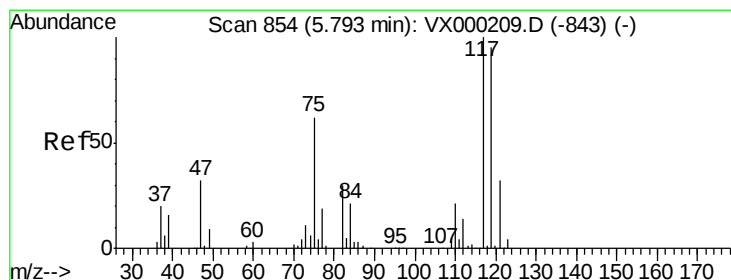
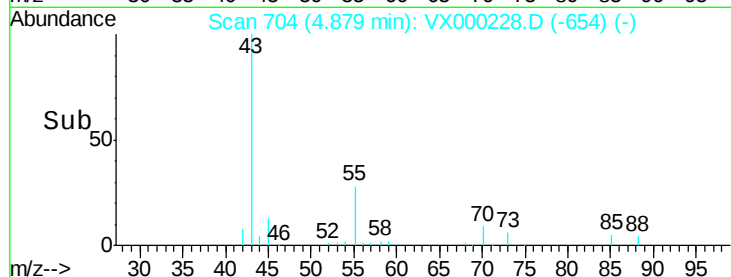
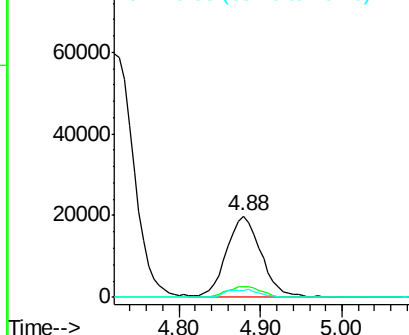
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.6
70	9.5	7.8	11.6

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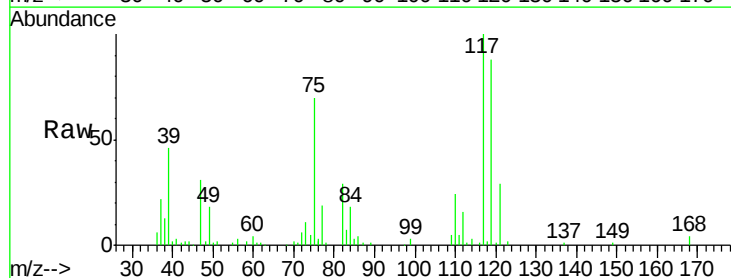


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

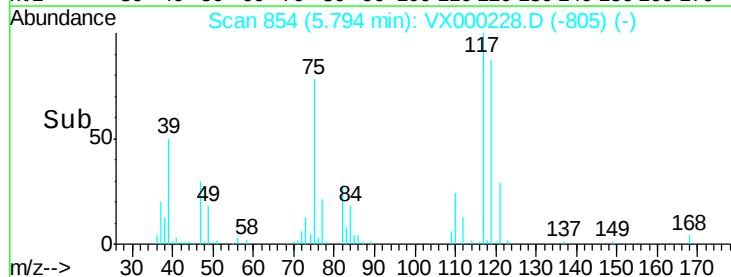
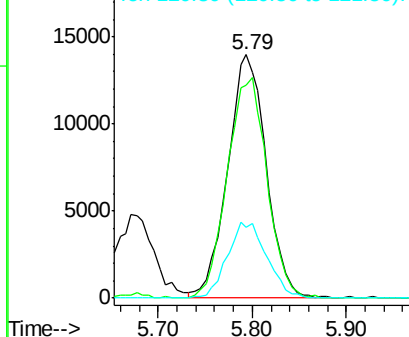


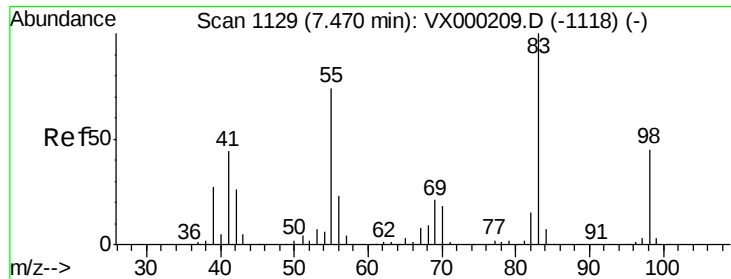
#38
Carbon Tetrachloride
Concen: 19.55 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.6	75.9	113.9
121	29.2	25.8	38.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





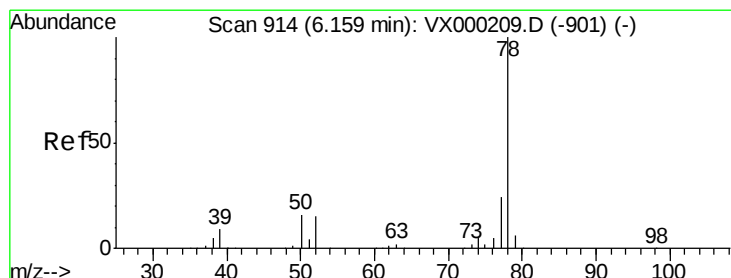
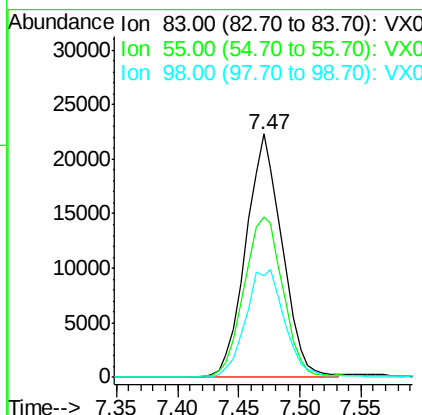
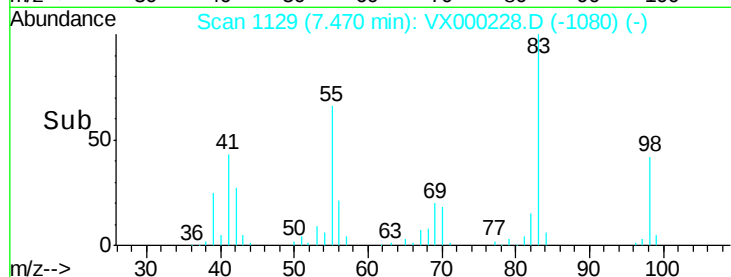
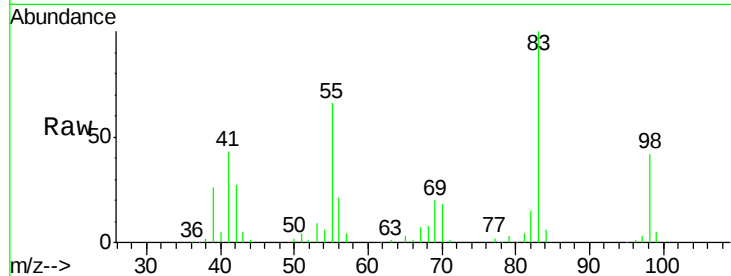
#39
Methvlcvclohexane
Concen: 18.71 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VX0308MBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.0	59.4	89.0
98	41.6	36.3	54.5

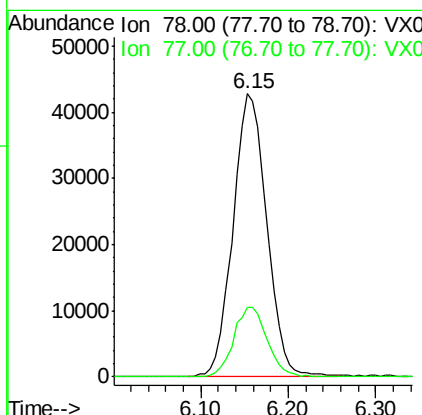
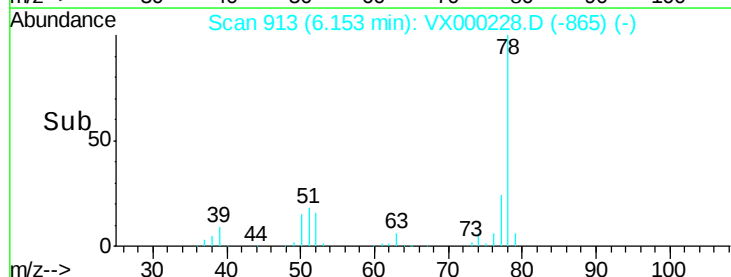
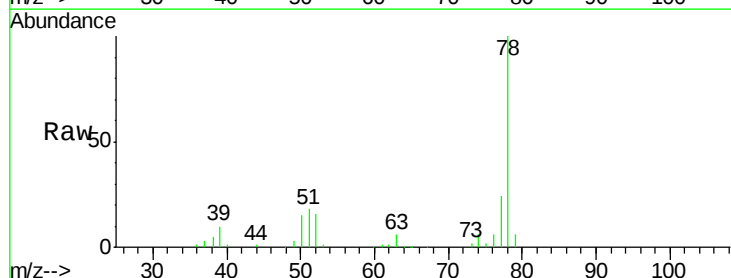
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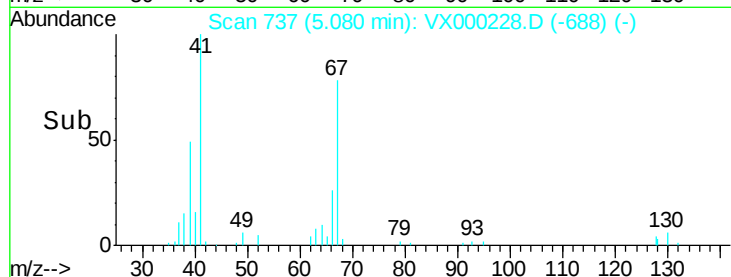
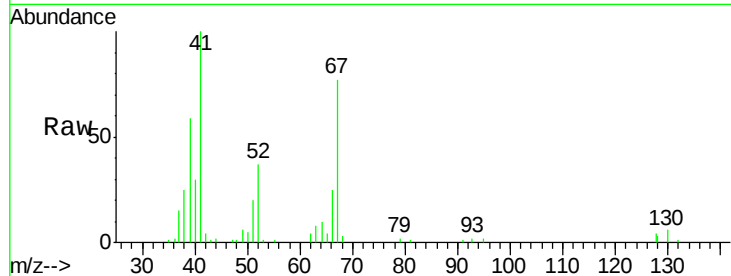
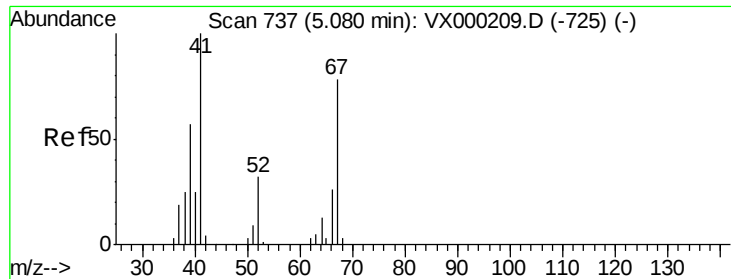
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#40
Benzene
Concen: 19.84 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

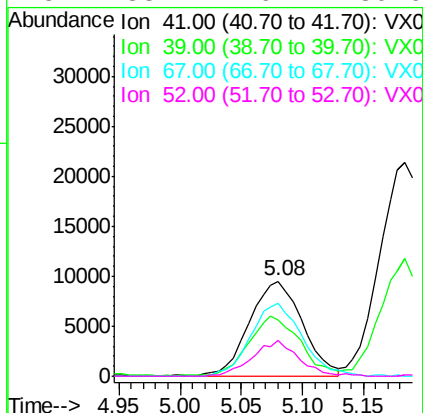
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.2





#41
Methacrylonitrile
Concen: 19.38 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

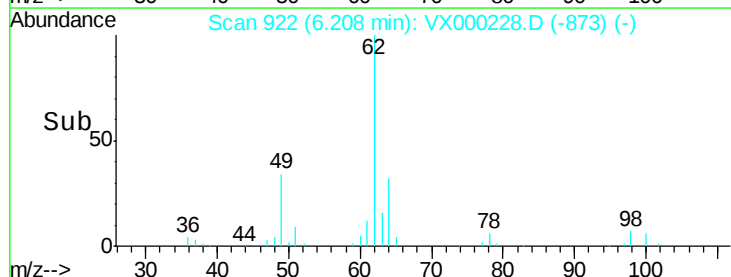
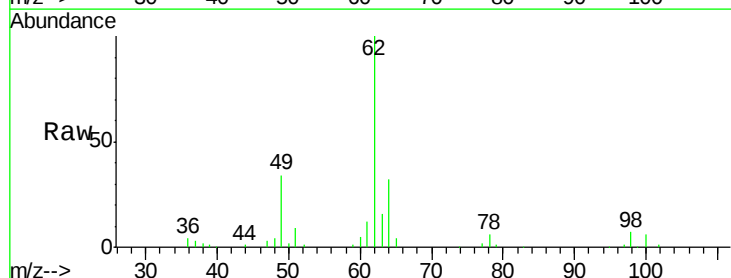
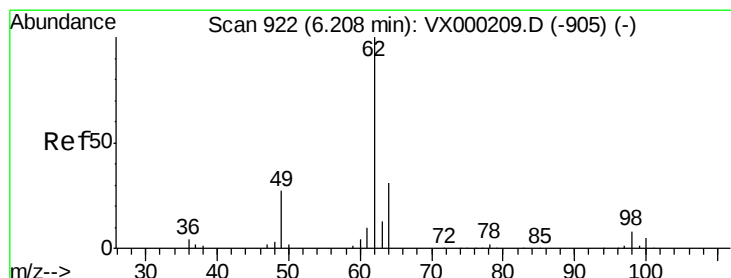
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.8	47.8	71.6	
67	74.7	59.3	88.9	
52	33.1	26.4	39.6	



Instrument :
MSVOA_X
ClientSampleId :
VX0308MBSD01

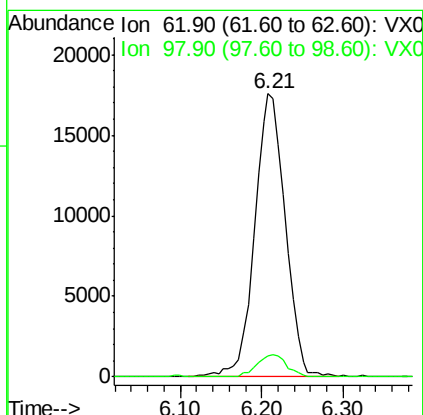
Manual Integrations
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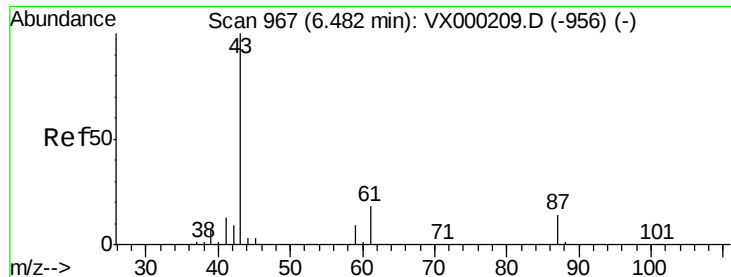
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#42
1,2-Dichloroethane
Concen: 20.22 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.6	0.0	16.2	





#43

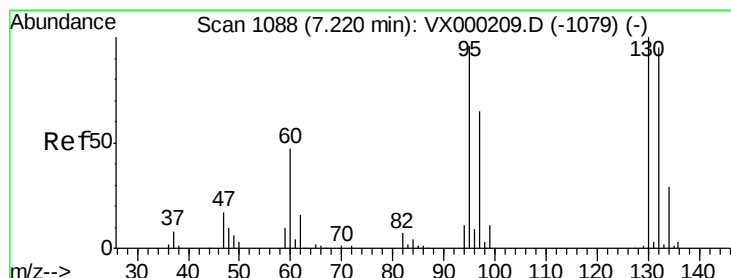
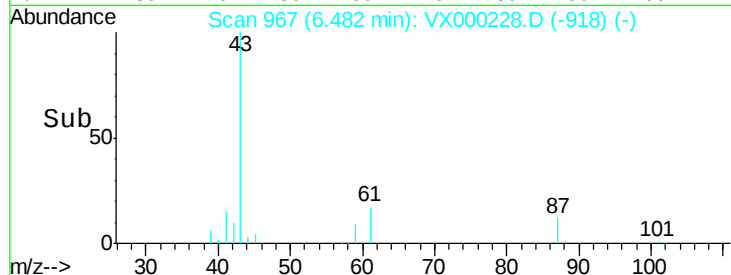
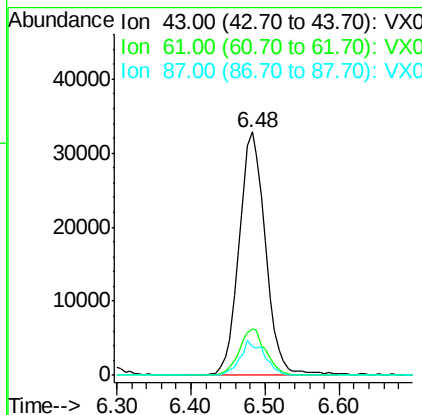
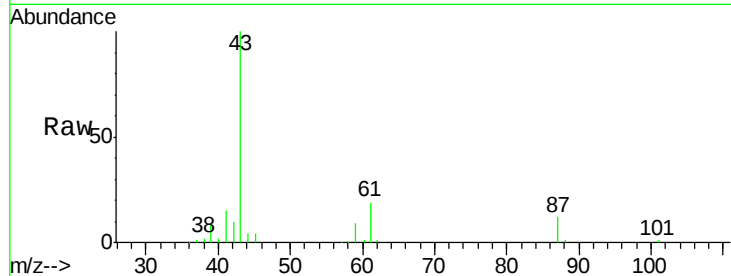
Isopropyl Acetate
 Concen: 19.54 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VX000228.D
 Acq: 08 Mar 2018 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.8	22.2
87	13.2	10.6	16.0

Manual Integrations
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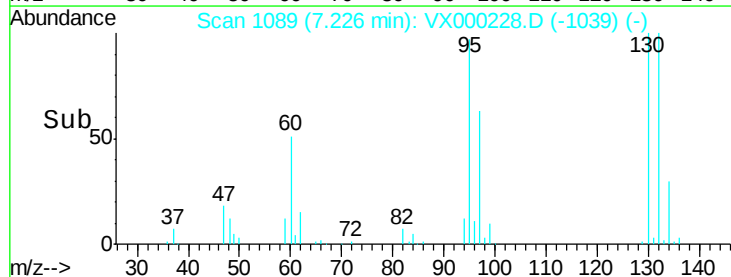
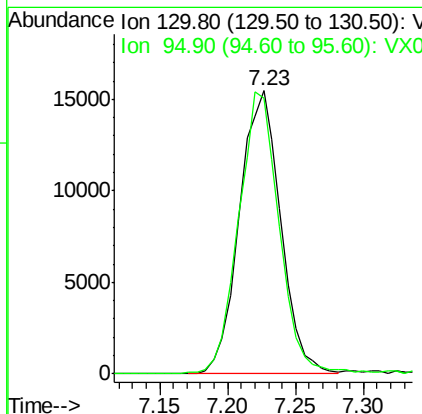
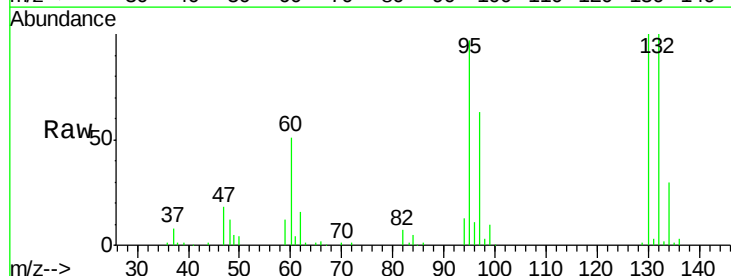
apatel
 3/9/2018 9:38:29 AM

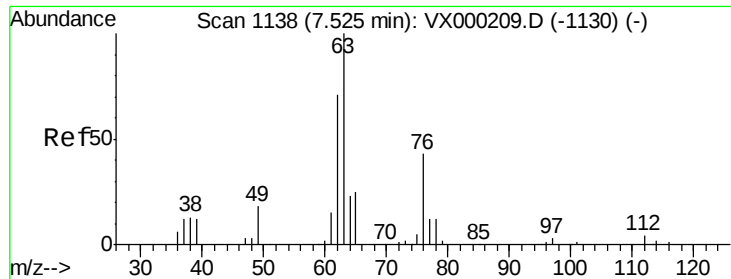


#44

Trichloroethene
 Concen: 19.72 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000228.D
 Acq: 08 Mar 2018 18:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	191.8





#45

1,2-Dichloropropane

Concen: 20.70 ug/l

RT: 7.53 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VX0308MBS01

Tot Ion: 63 Resp: 30394

Ion Ratio Lower Upper

63 100

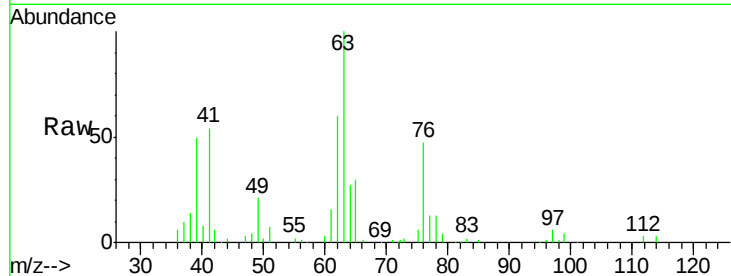
65 29.7 22.3 33.5

Manual Integrations

APPROVED

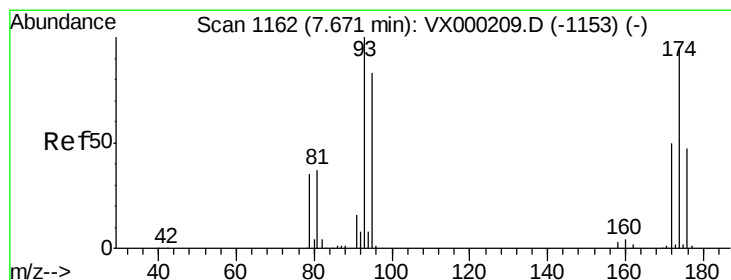
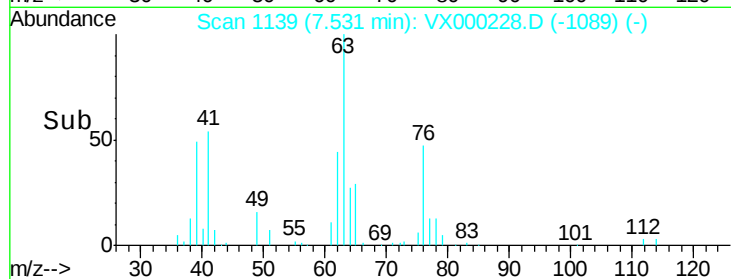
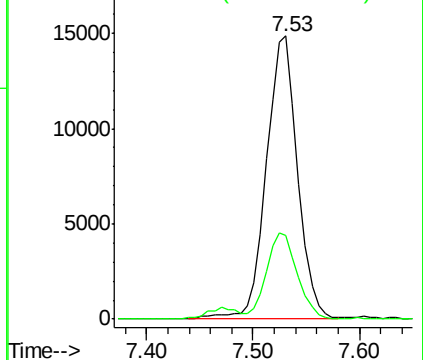
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.59 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

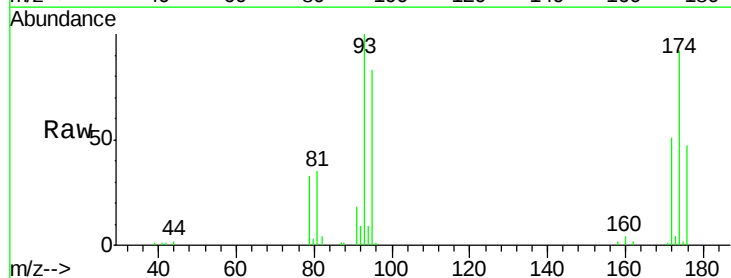
Tgt Ion: 93 Resp: 22759

Ion Ratio Lower Upper

93 100

95 83.3 64.1 96.1

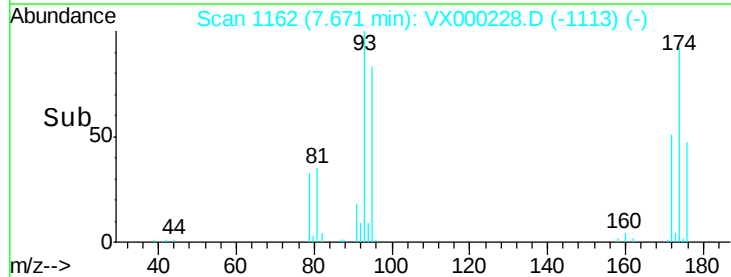
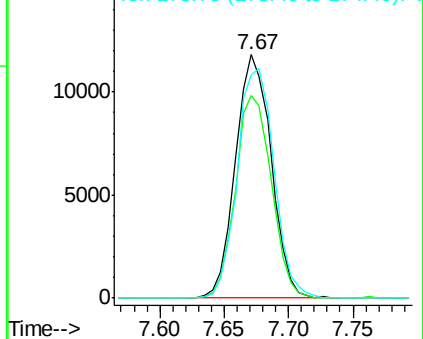
174 96.7 75.8 113.8

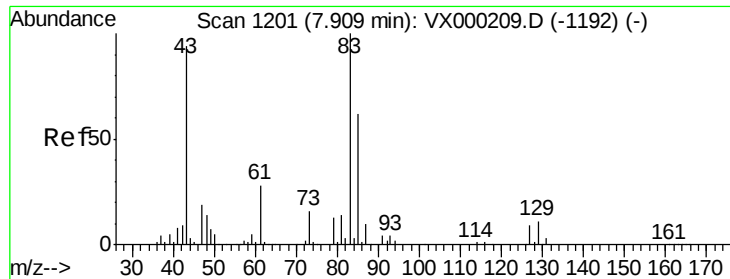


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.40 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Instrument :

MSVOA_X

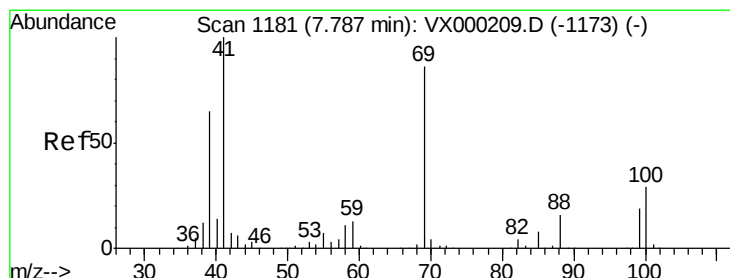
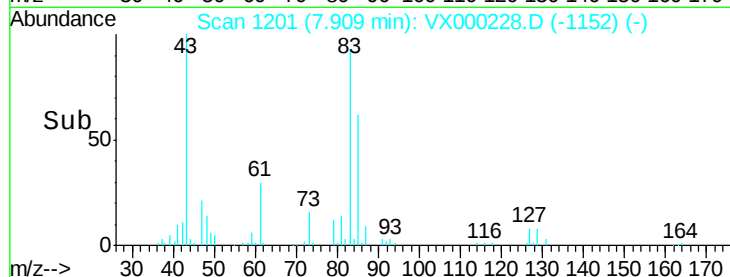
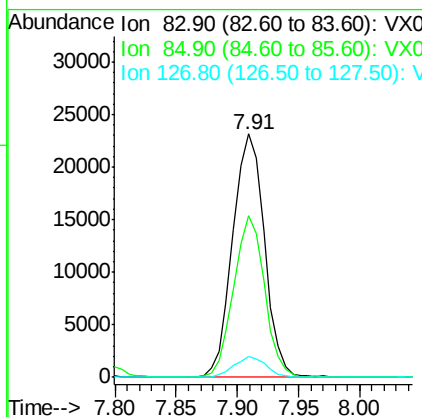
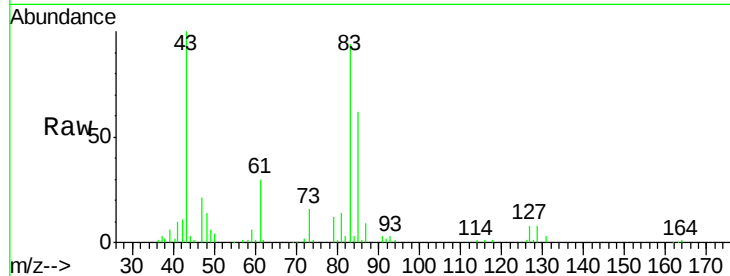
ClientSampleId :

VX0308MBS01

Tot Ion:	83	Resp:	41690
Ion	Ratio	Lower	Upper
83	100		
85	66.3	49.6	74.4
127	8.6	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.67 ug/l

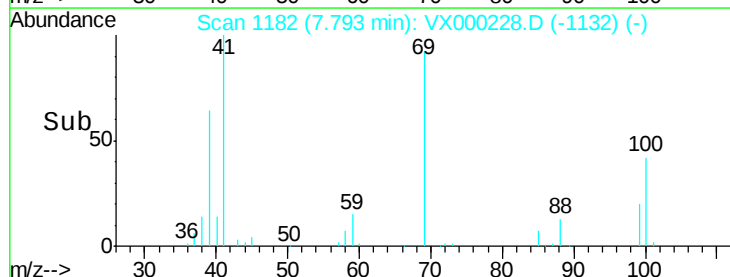
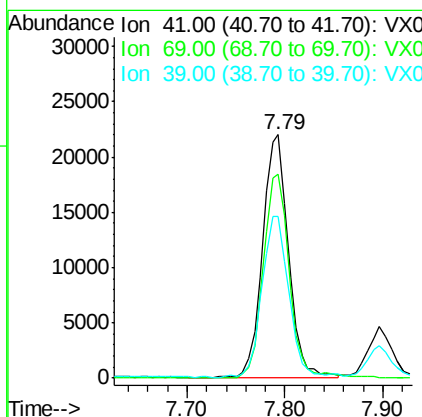
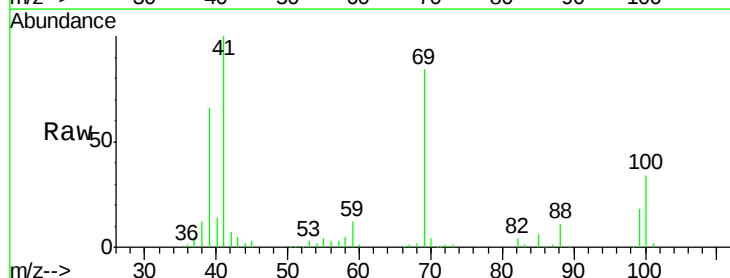
RT: 7.79 min Scan# 1182

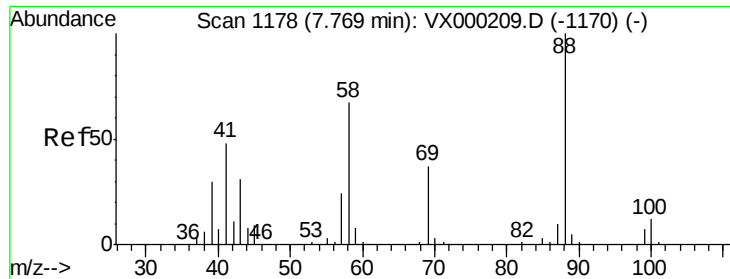
Delta R.T. 0.01 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Tgt Ion:	41	Resp:	40702
Ion	Ratio	Lower	Upper
41	100		
69	84.7	70.0	105.0
39	69.8	53.6	80.4





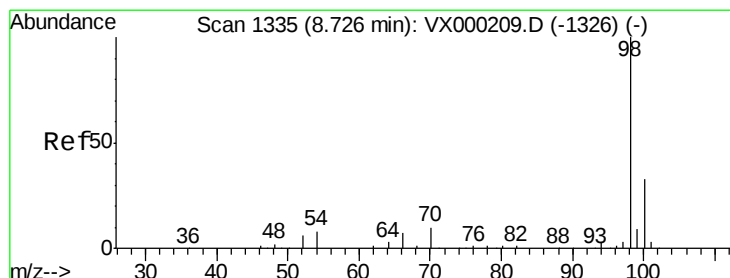
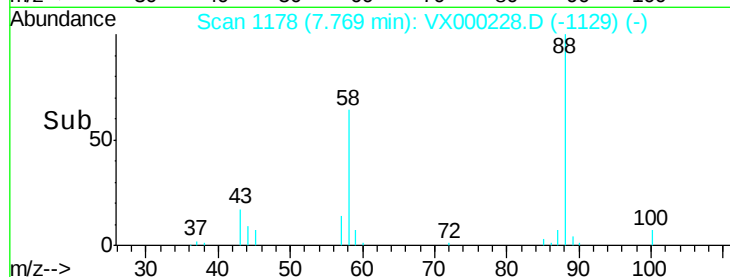
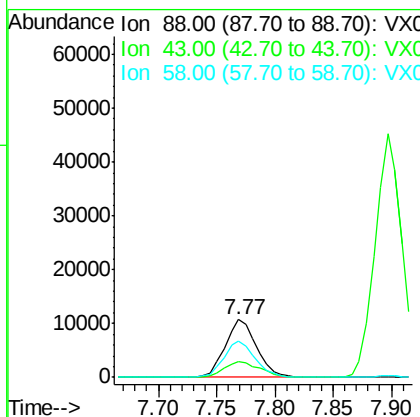
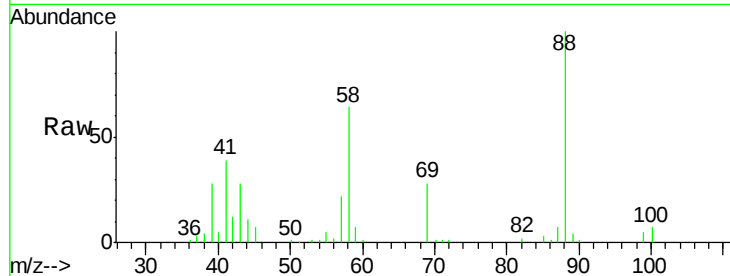
#49
1,4-Dioxane
Concen: 424.44 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VX0308MBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.9	26.9	40.3
58	63.2	52.2	78.4

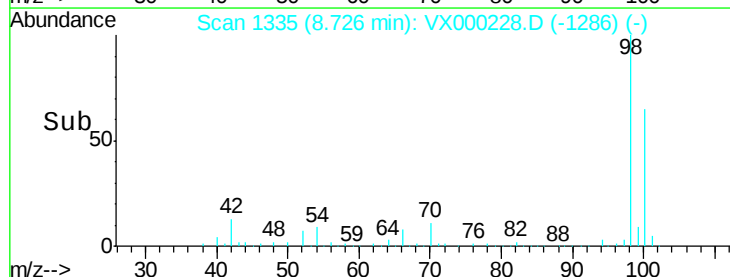
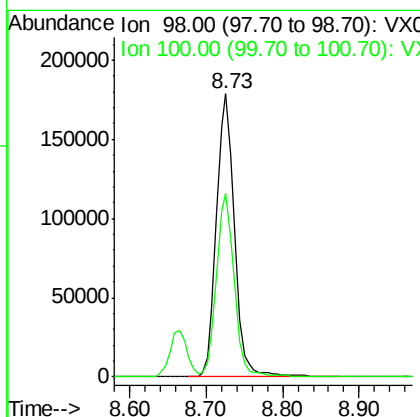
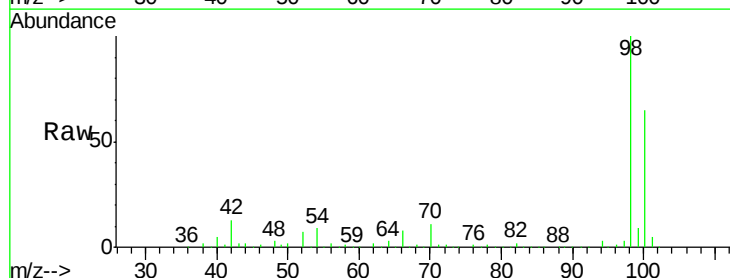
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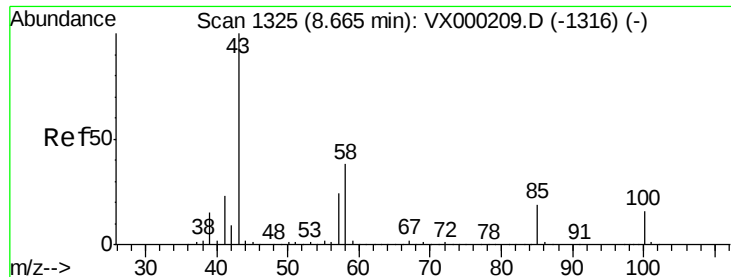
apatel
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#50
Toluene-d8
Concen: 49.86 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 102.36 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VX0308MBS01

Tot Ion: 43 Resp: 324536

Ion Ratio Lower Upper

43 100

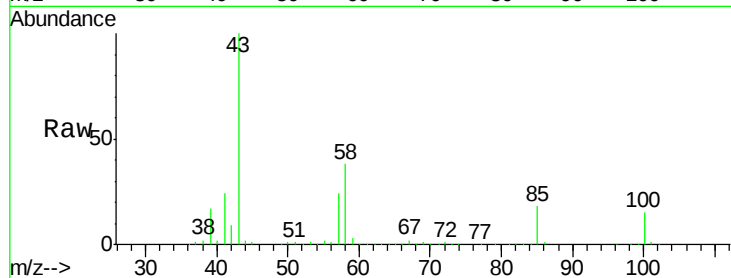
58 36.4 30.2 45.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

200000

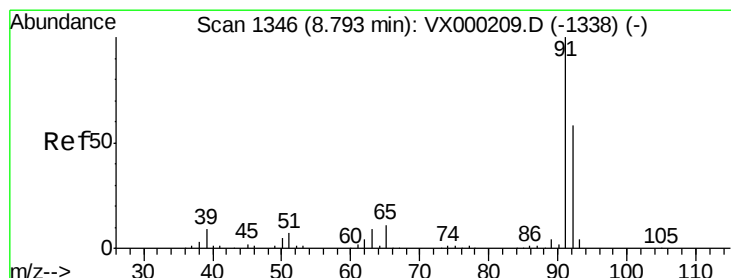
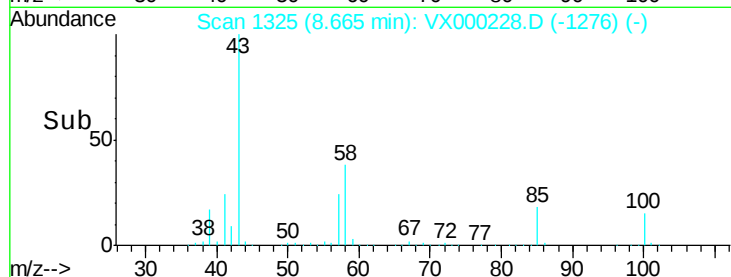
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.09 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000228.D

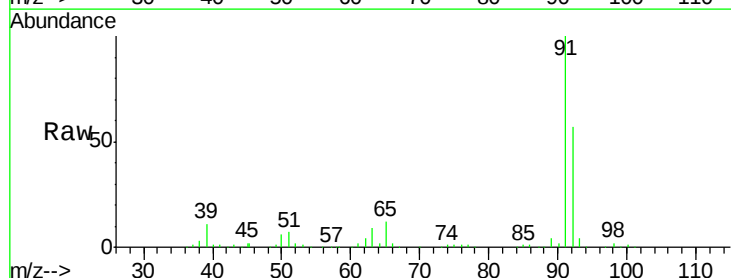
Acq: 08 Mar 2018 18:54

Tgt Ion: 92 Resp: 79852

Ion Ratio Lower Upper

92 100

91 176.6 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

100000

80000

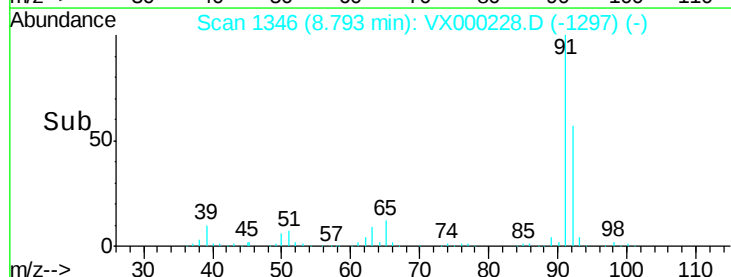
60000

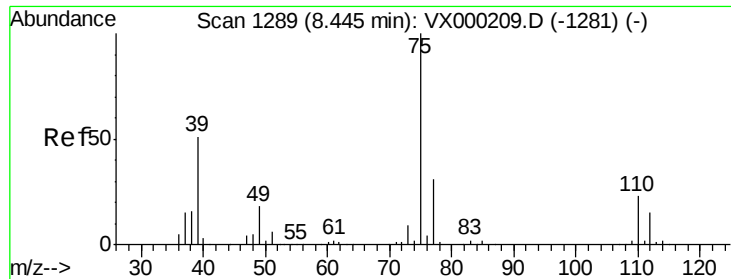
40000

20000

0

Time-->





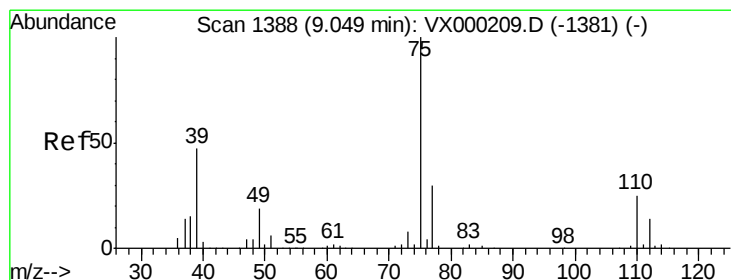
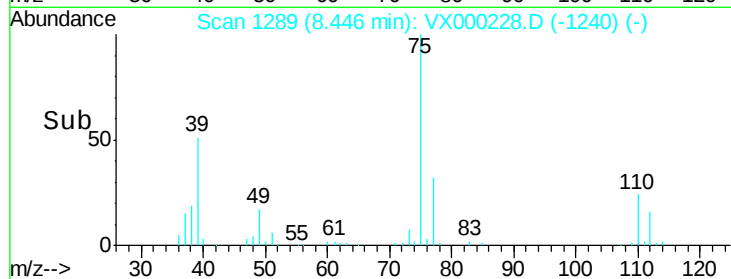
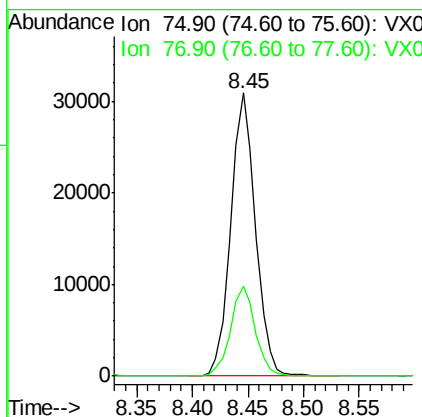
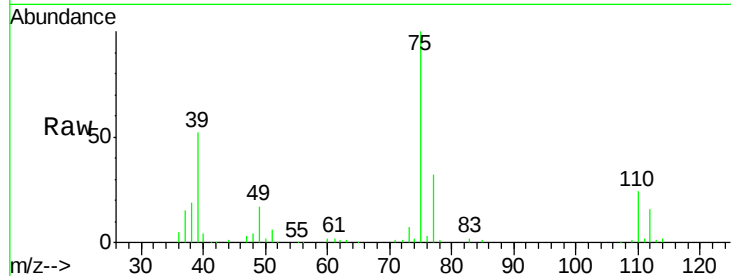
#53
 t-1,3-Dichloropropene
 Concen: 19.67 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000228.D
 Acq: 08 Mar 2018 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308MBSD01

Tot Ion: 75 Resp: 47370
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.8 37.2

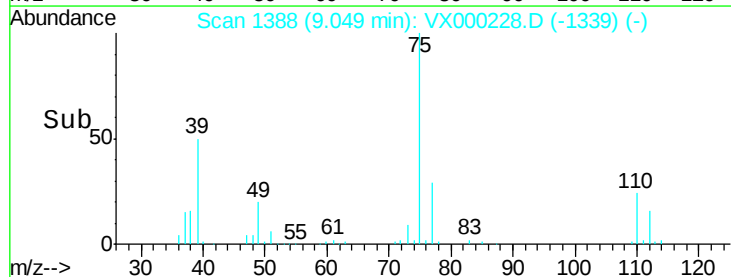
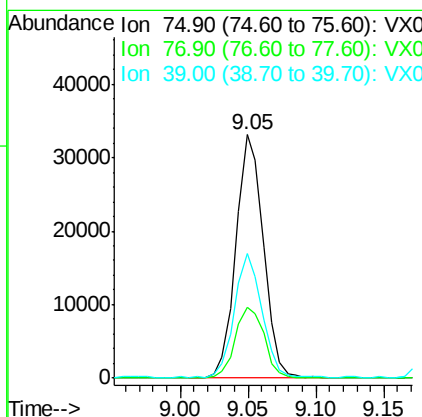
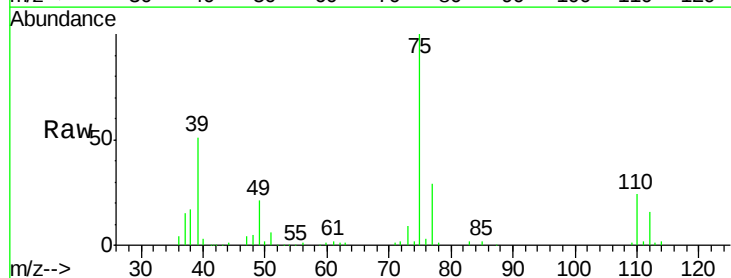
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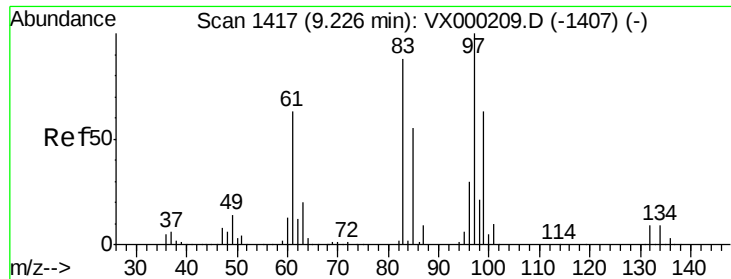
apatel
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#54
 cis-1,3-Dichloropropene
 Concen: 20.05 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000228.D
 Acq: 08 Mar 2018 18:54

Tgt Ion: 75 Resp: 46705
 Ion Ratio Lower Upper
 75 100
 77 29.1 23.9 35.9
 39 50.9 37.4 56.2





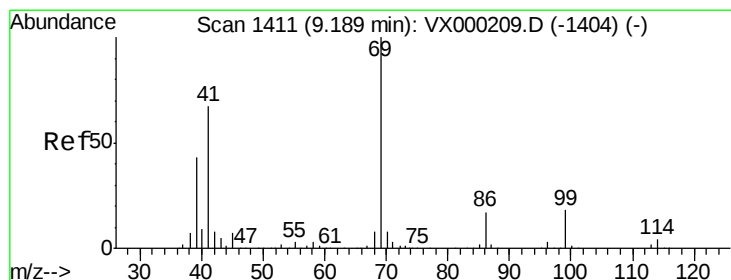
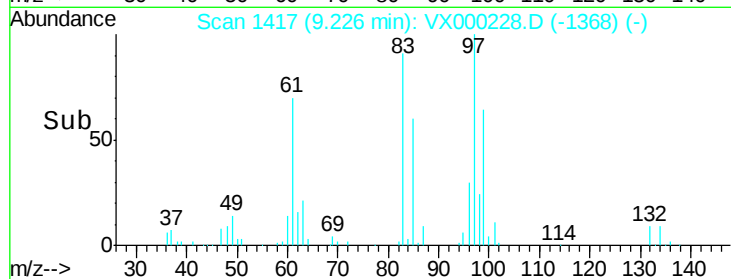
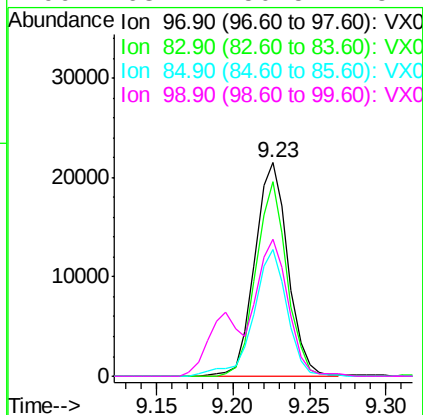
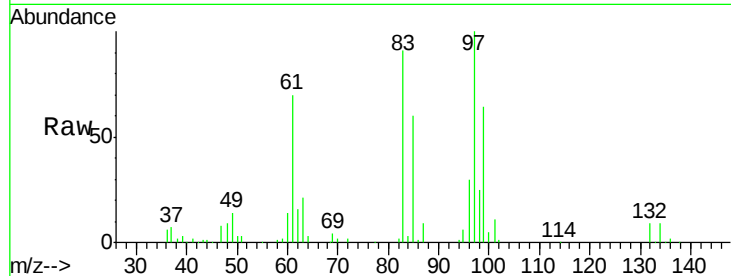
#55
1,1,2-Trichloroethane
Concen: 20.19 ug/l
RT: 9.23 min Scan# 1417
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VX0308MBS01

Tot Ion:	97	Resp:	32497
Ion	Ratio	Lower	Upper
97	100		
83	91.2	70.4	105.6
85	59.3	43.9	65.9
99	63.4	50.5	75.7

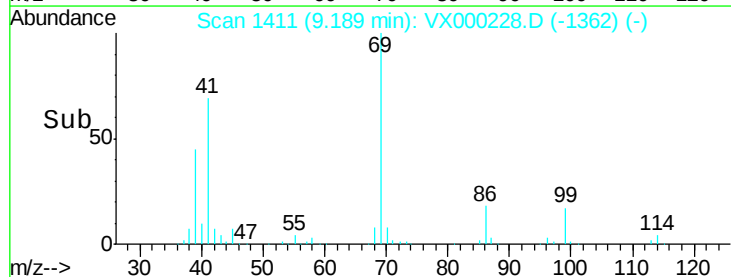
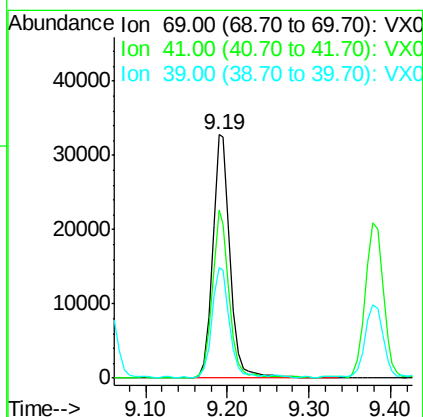
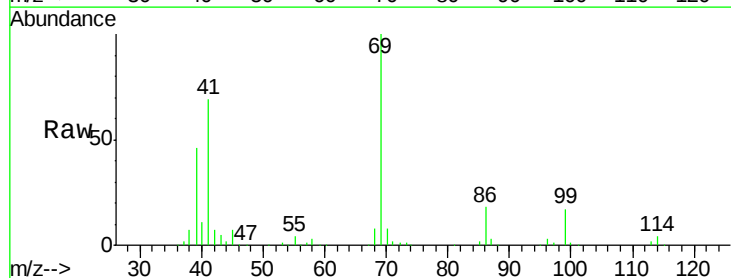
Manual Integrations
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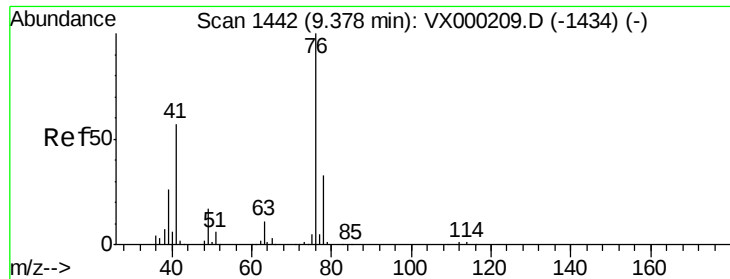
apatel
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#56
Ethyl methacrylate
Concen: 20.60 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Tgt Ion:	69	Resp:	49611
Ion	Ratio	Lower	Upper
69	100		
41	65.3	52.2	78.2
39	45.4	34.3	51.5





#57

1,3-Dichloropropane

Concen: 19.88 ug/l

RT: 9.38 min Scan# 1443

Delta R.T. 0.01 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VX0308MBS01

Tot Ion: 76 Resp: 53726

Ion Ratio Lower Upper

76 100

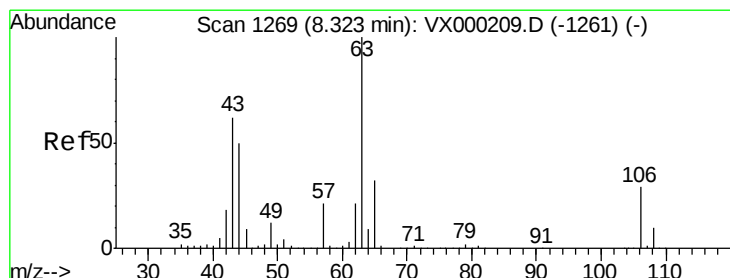
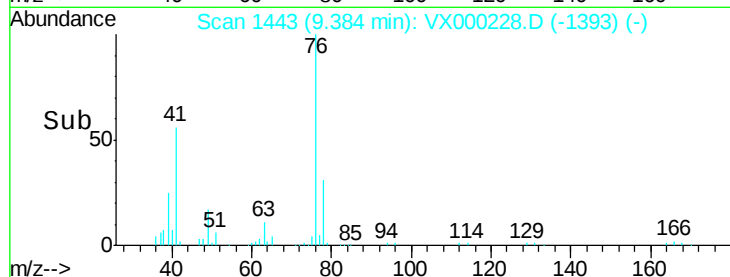
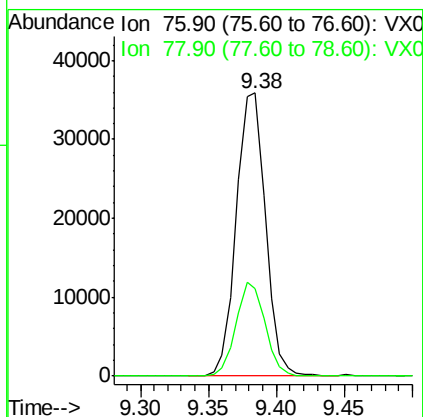
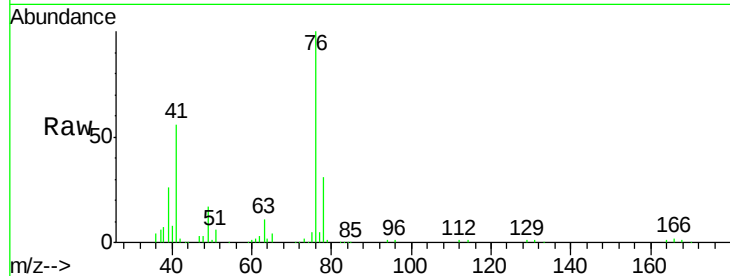
78 33.0 26.2 39.2

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 99.78 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000228.D

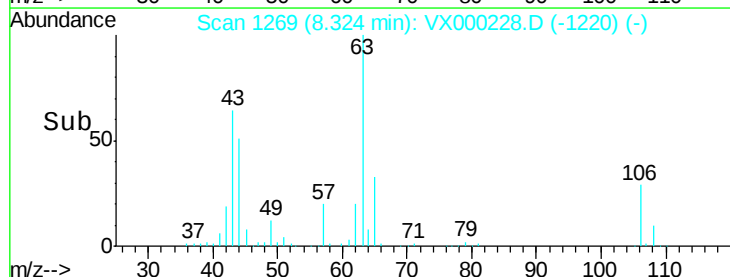
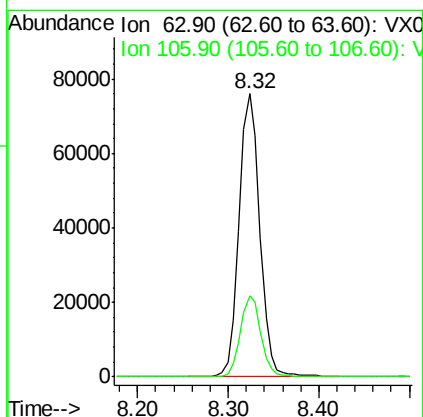
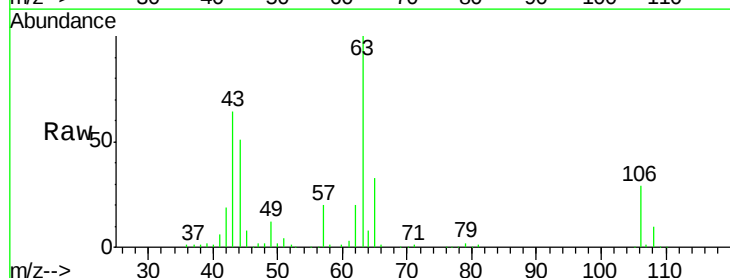
Acq: 08 Mar 2018 18:54

Tgt Ion: 63 Resp: 121343

Ion Ratio Lower Upper

63 100

106 28.7 23.2 34.8





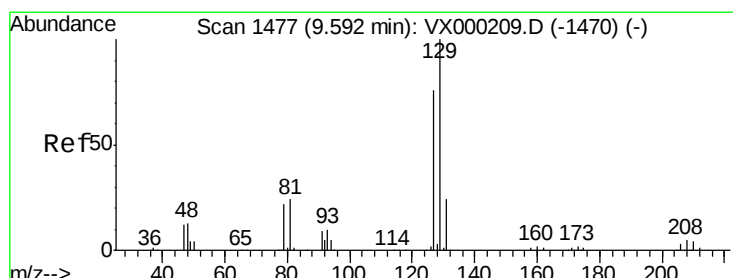
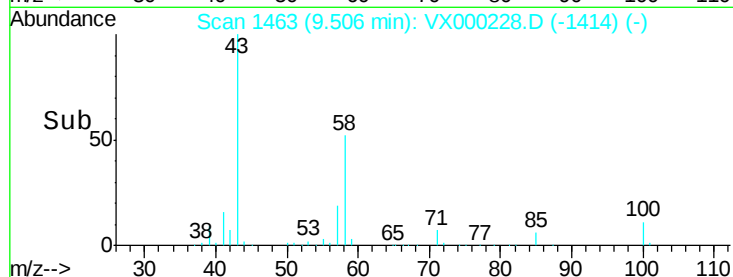
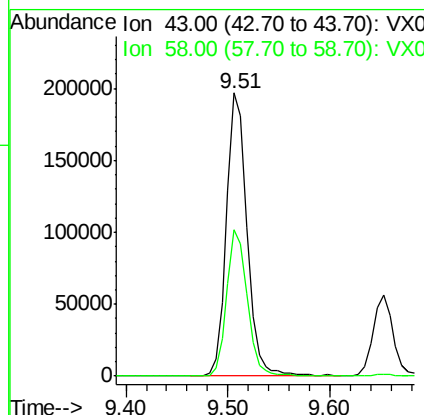
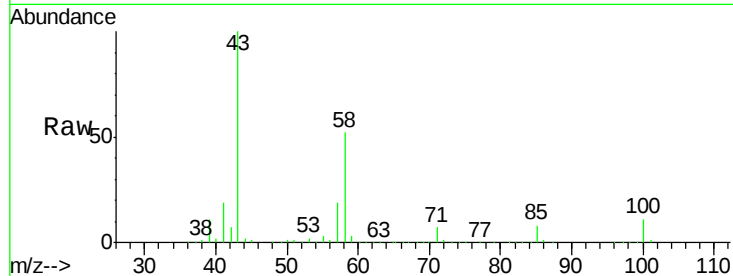
#59
2-Hexanone
Concen: 102.58 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VX0308MBS01

Tot Ion: 43 Resp: 277319
Ion Ratio Lower Upper
43 100
58 51.6 26.6 79.7

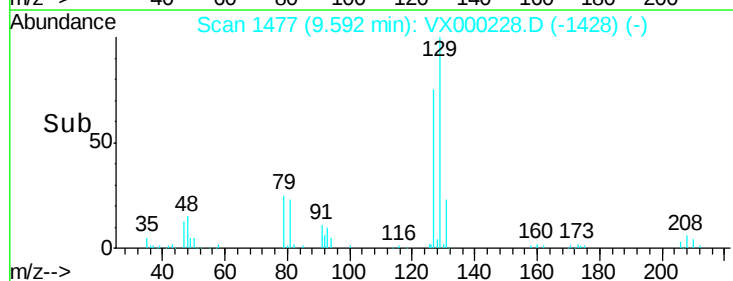
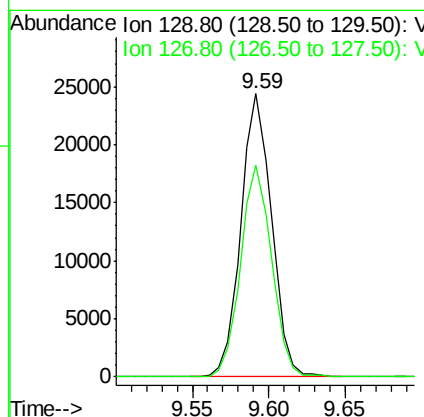
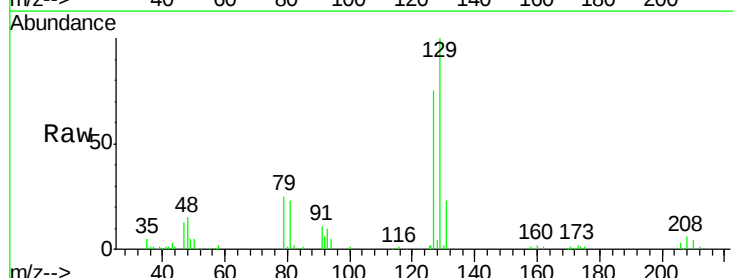
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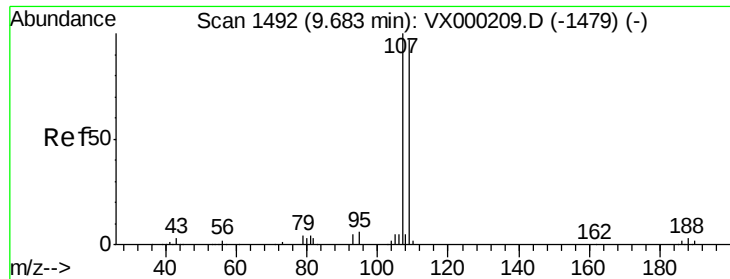
apatel
3/9/2018 9:38:29 AM



#60
Dibromochloromethane
Concen: 19.97 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Tgt Ion: 129 Resp: 33884
Ion Ratio Lower Upper
129 100
127 75.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.20 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VX0308MBS01

Tot Ion:107 Resp: 36110

Ion Ratio Lower Upper

107 100

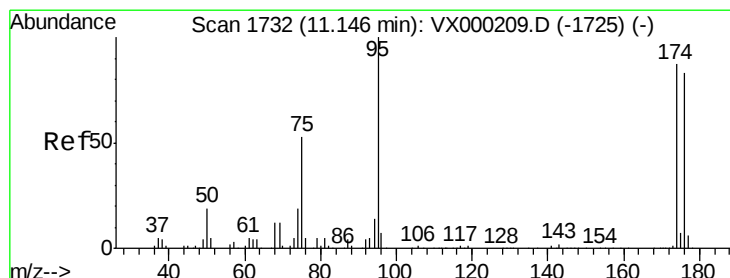
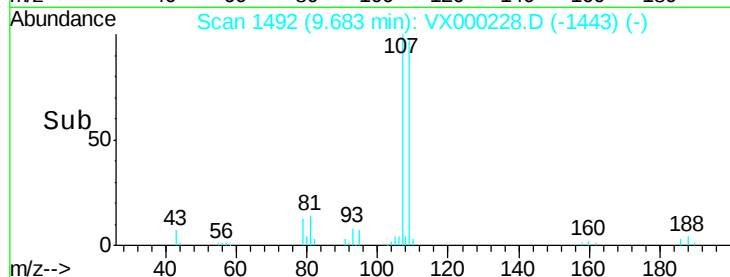
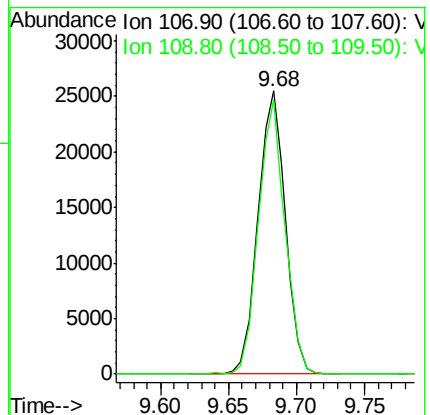
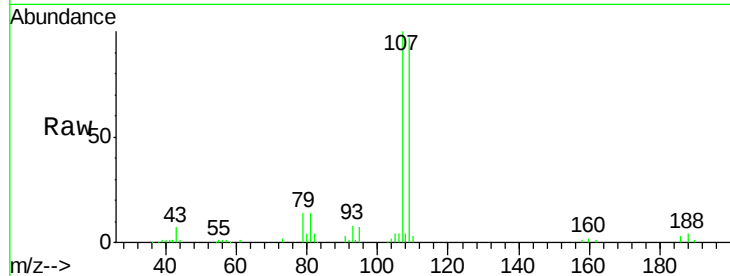
109 94.2 76.8 115.2

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 49.09 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

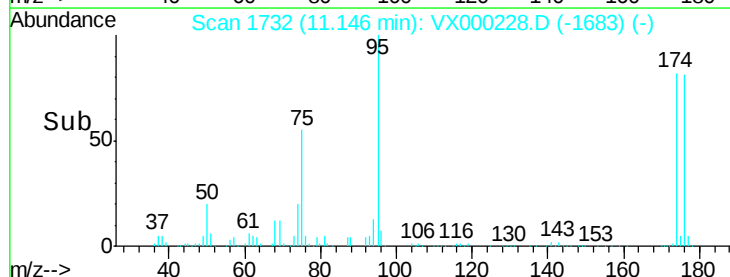
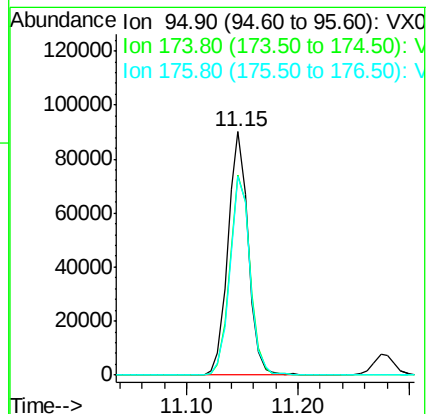
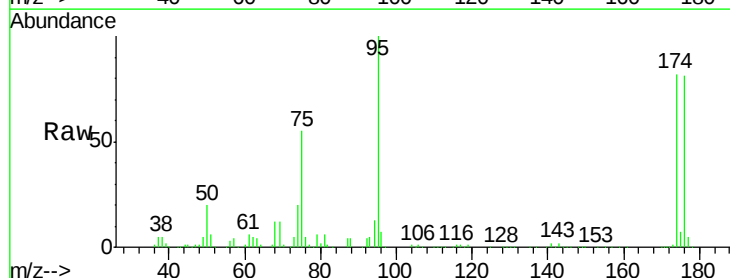
Tgt Ion: 95 Resp: 112617

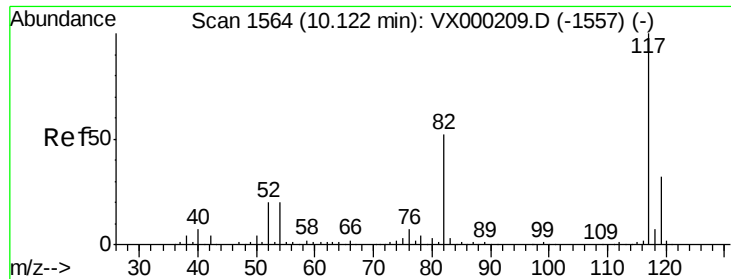
Ion Ratio Lower Upper

95 100

174 82.7 0.0 175.6

176 81.0 0.0 171.0





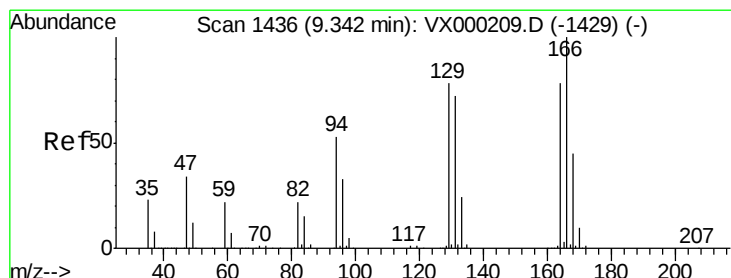
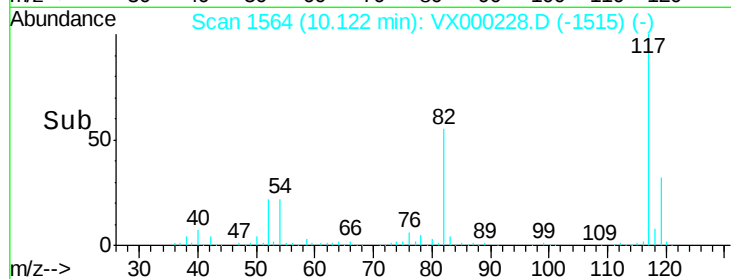
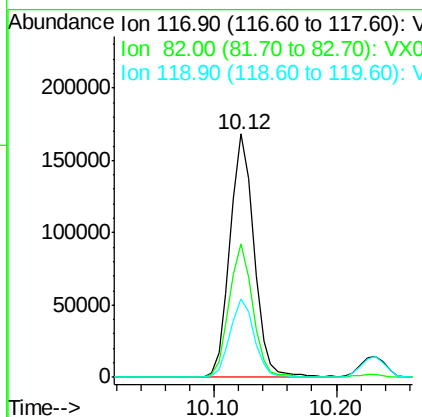
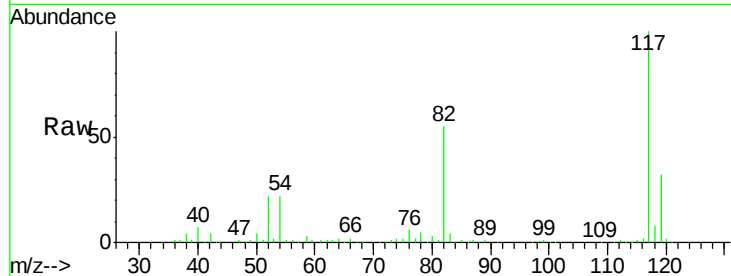
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Instrument :
MSVOA_X
ClientSampled :
VX0308MBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	42.0	63.0
119	32.2	25.3	37.9

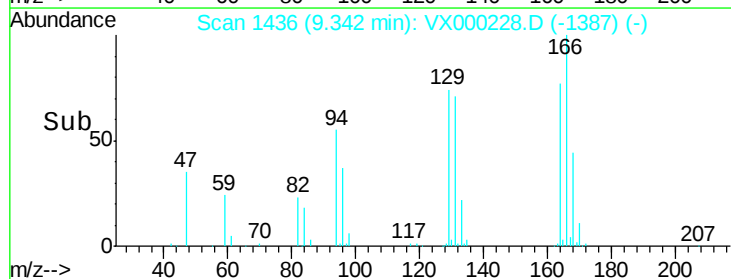
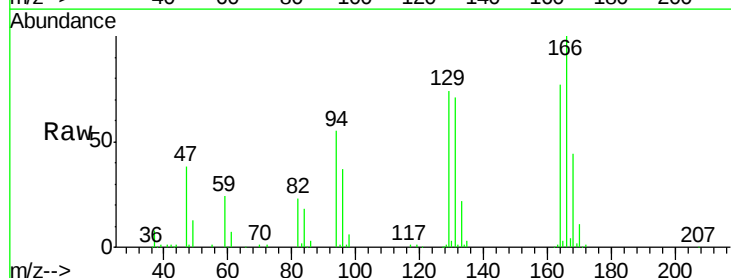
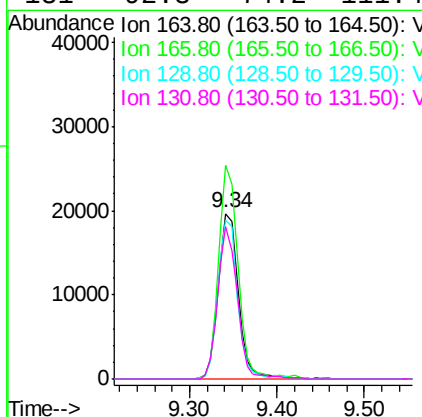
Manual Integrations
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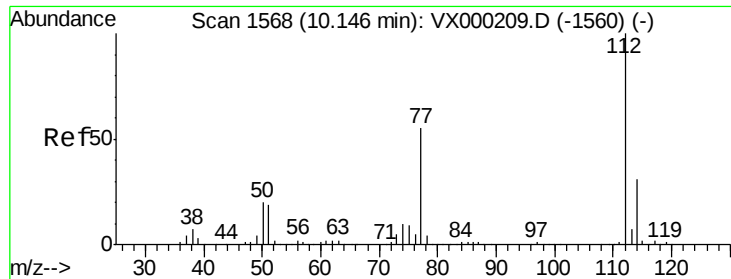
apatel
3/9/2018 9:38:29 AM



#64
Tetrachloroethene
Concen: 19.66 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	103.0	154.6
129	96.0	80.2	120.4
131	92.3	74.2	111.4





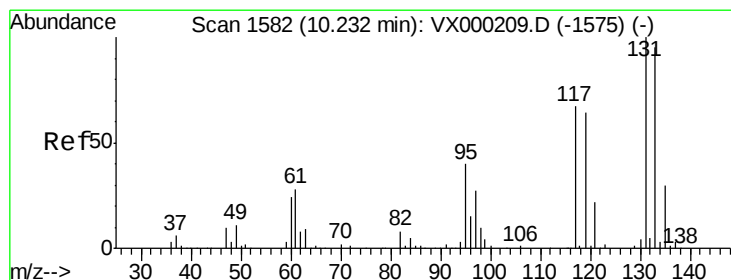
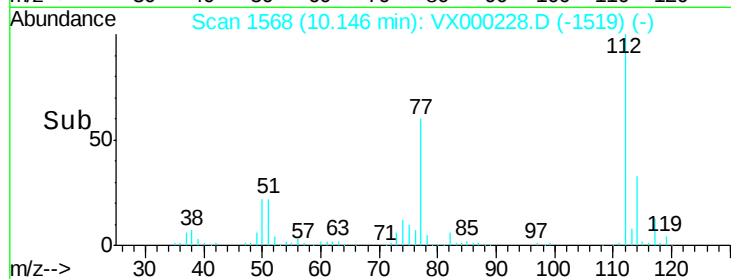
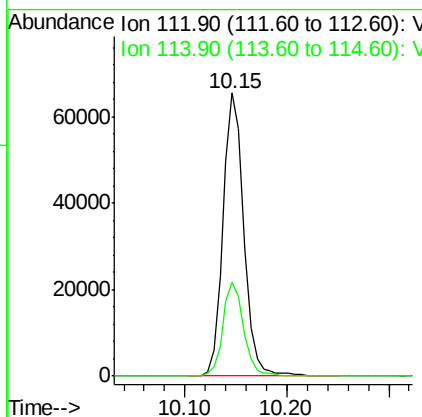
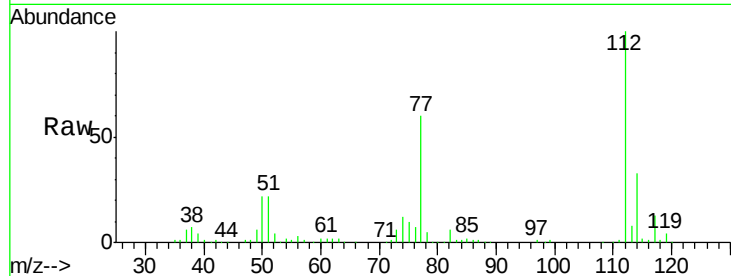
#65
Chlorobenzene
Concen: 20.08 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Instrument :
MSVOA_X
ClientSampled :
VX0308MBSD01

Tot Ion:112 Resp: 92904
Ion Ratio Lower Upper
112 100
114 33.2 25.0 37.4

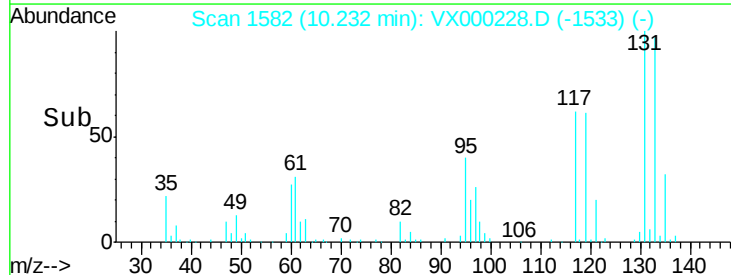
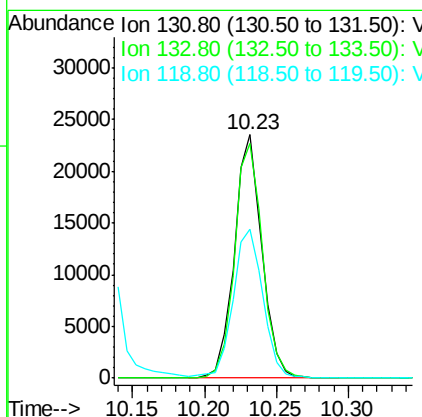
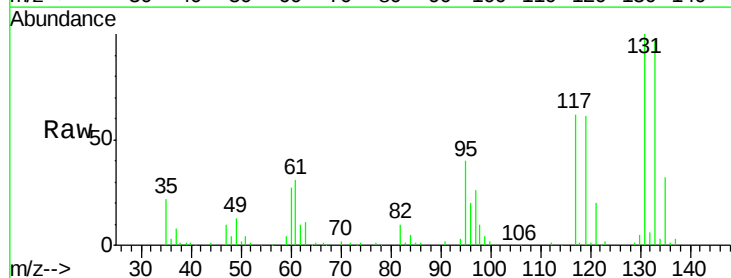
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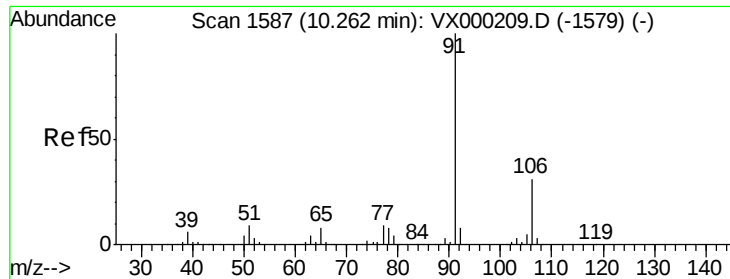
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.79 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Tgt Ion:131 Resp: 31305
Ion Ratio Lower Upper
131 100
133 97.9 48.3 144.9
119 66.5 32.3 96.8





#67

Ethyl Benzene

Concen: 19.98 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Instrument :

MSVOA_X

ClientSampled :

VX0308MBS01

Tot Ion: 91 Resp: 161357

Ion Ratio Lower Upper

91 100

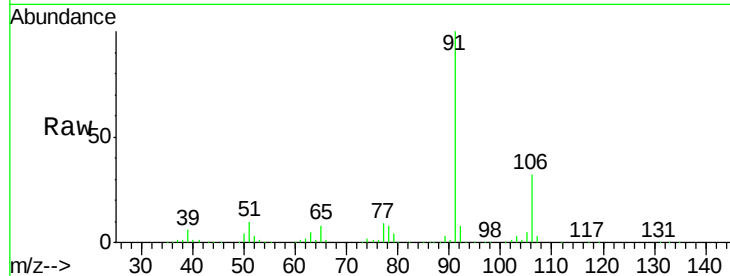
106 32.3 25.2 37.8

Manual Integrations

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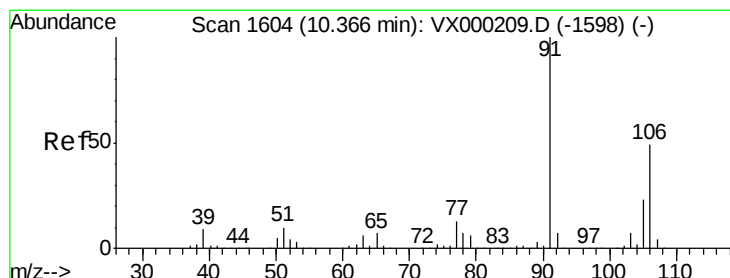
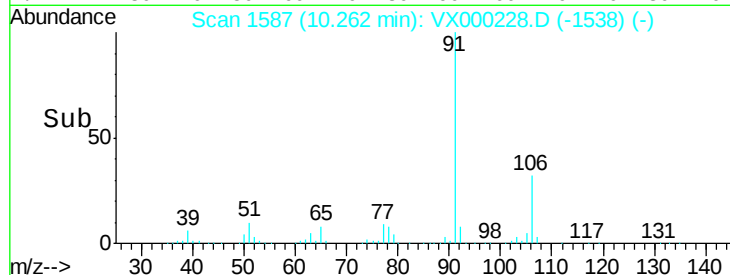
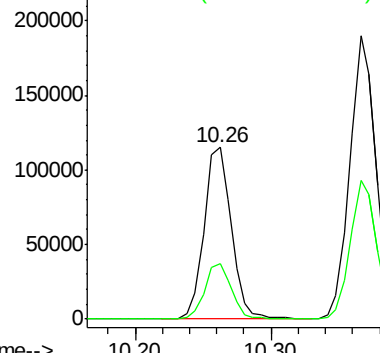
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.32 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000228.D

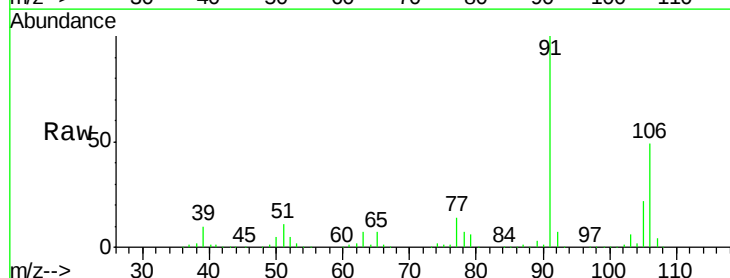
Acq: 08 Mar 2018 18:54

Tgt Ion: 106 Resp: 125291

Ion Ratio Lower Upper

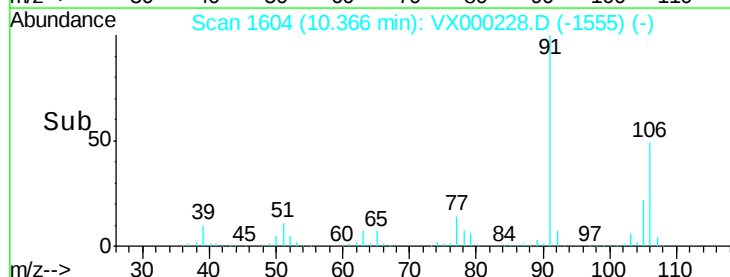
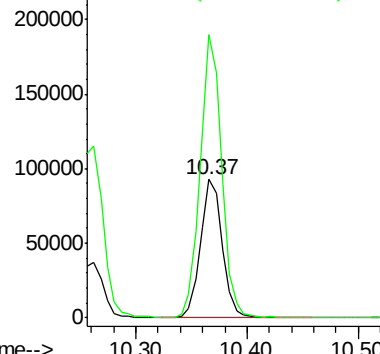
106 100

91 201.3 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





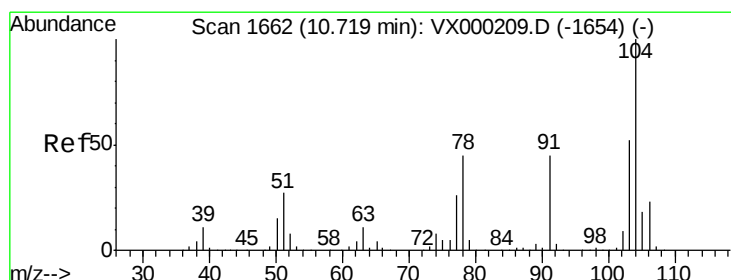
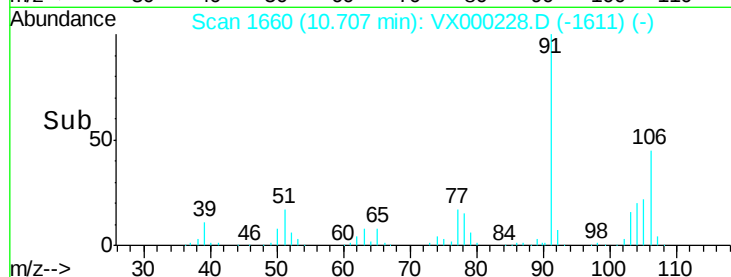
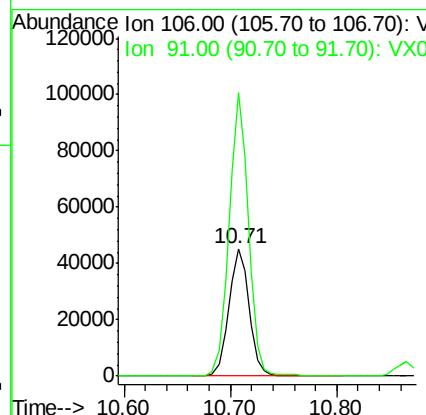
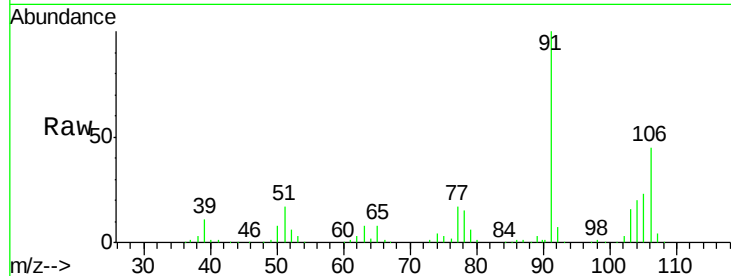
#69
o-Xylene
Concen: 20.24 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VX0308MBS01

Tot Ion:106 Resp: 60456
Ion Ratio Lower Upper
106 100
91 212.2 105.9 317.7

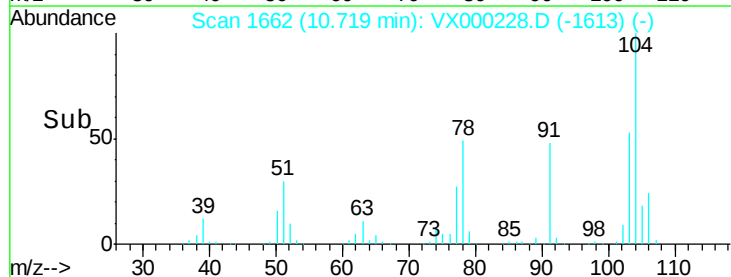
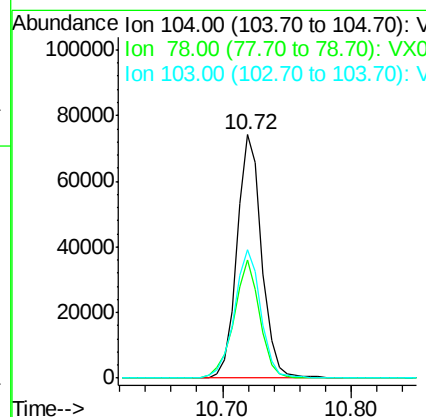
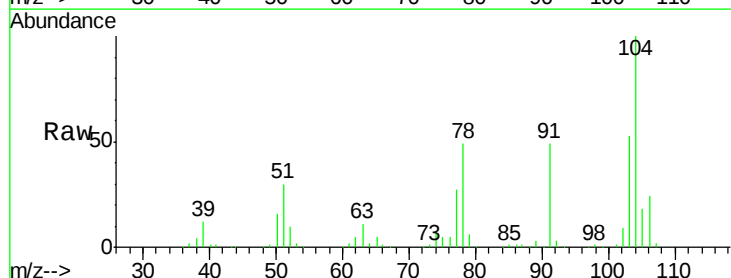
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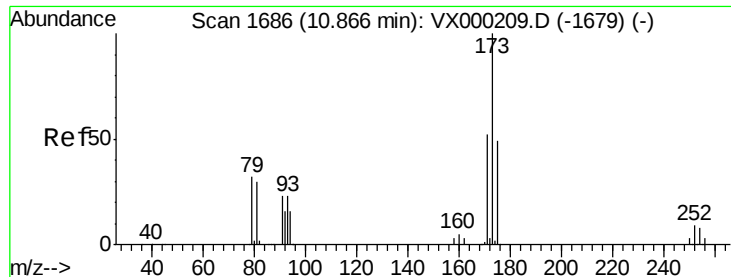
apatel
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#70
Styrene
Concen: 19.99 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Tgt Ion:104 Resp: 99069
Ion Ratio Lower Upper
104 100
78 51.0 39.6 59.4
103 57.1 45.0 67.6





#71

Bromoform

Concen: 17.90 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Instrument :

MSVOA_X

ClientSampled :

VX0308MBSD01

Tot Ion:173 Resp: 25459

Ion Ratio Lower Upper

173 100

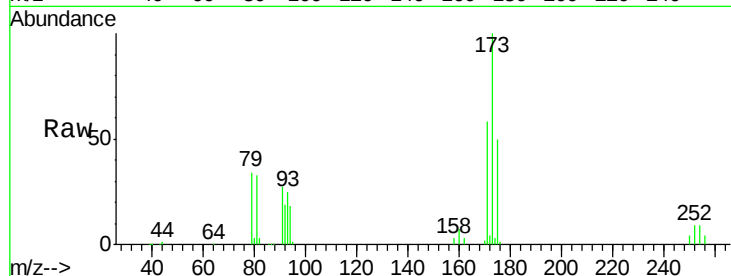
175 46.1 24.4 73.2

254 0.0 0.2 0.2#

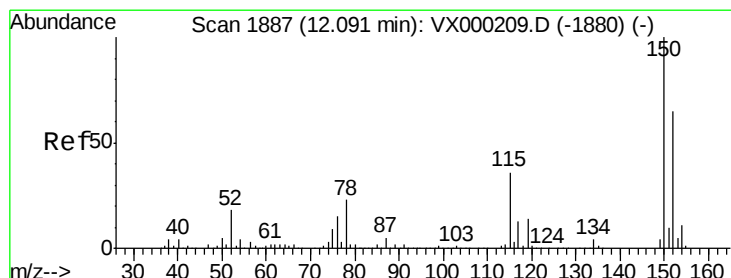
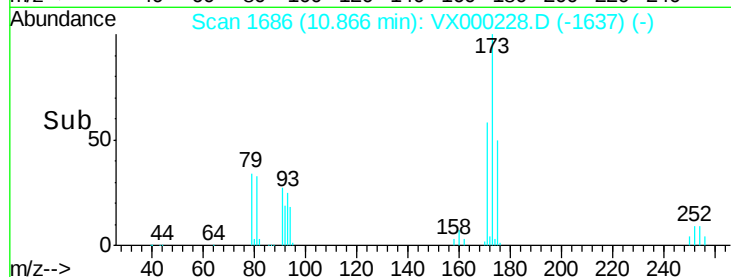
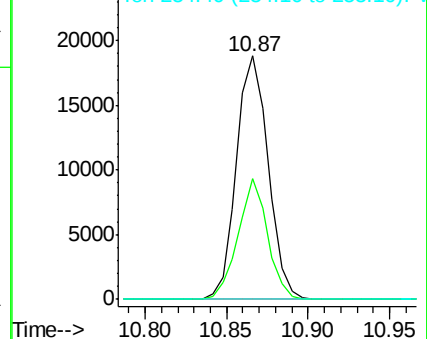
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

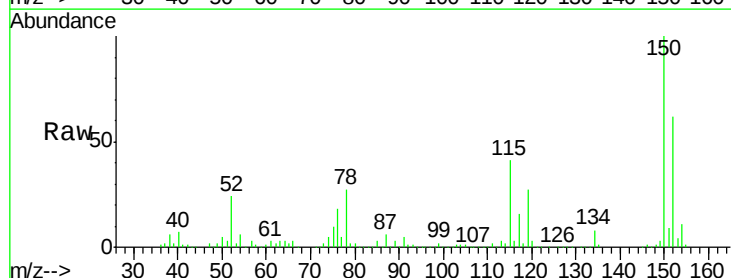
Tgt Ion:152 Resp: 127747

Ion Ratio Lower Upper

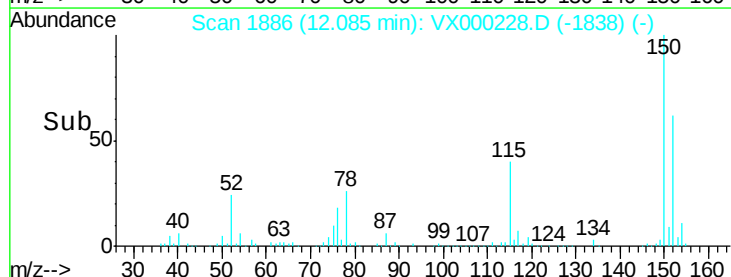
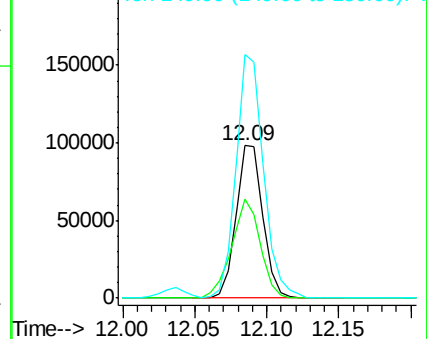
152 100

115 69.3 39.8 119.3

150 165.6 0.0 345.0



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





#73

Isopropylbenzene

Concen: 20.83 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VX0308MBS01

Tot Ion: 105 Resp: 166617

Ion Ratio Lower Upper

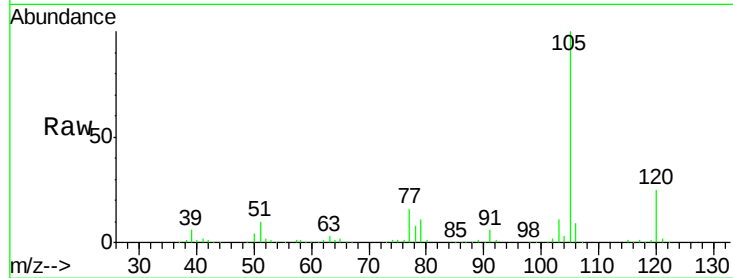
105 100

120 25.8 13.5 40.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

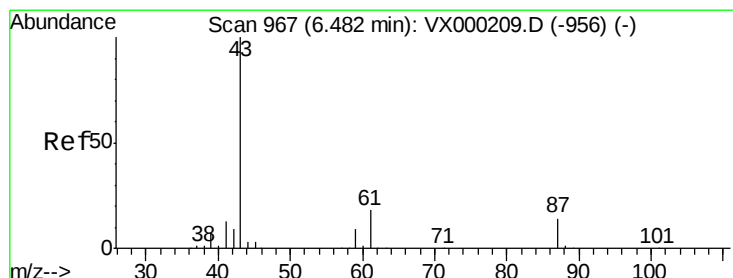
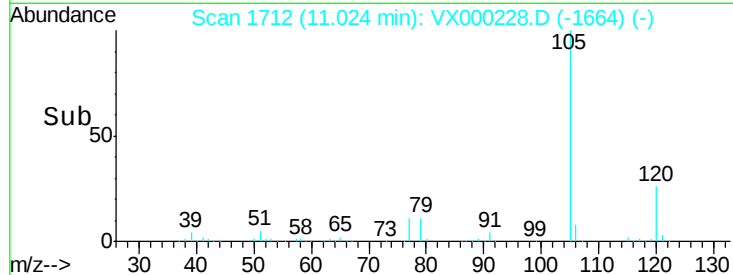
11.02

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.06 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Tgt Ion: 43 Resp: 82078

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.9 14.8 22.2

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6.48

50000

40000

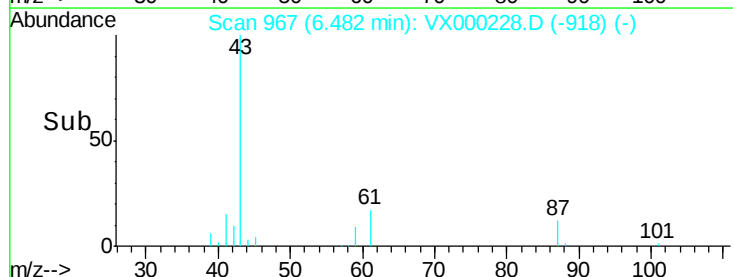
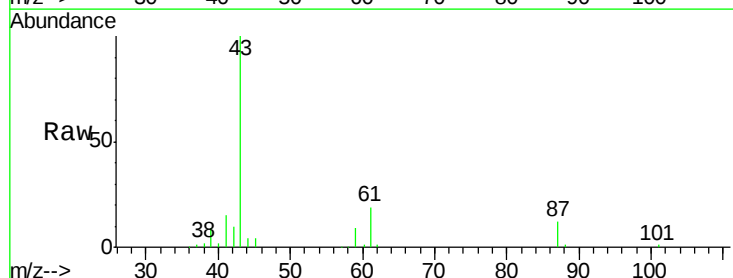
30000

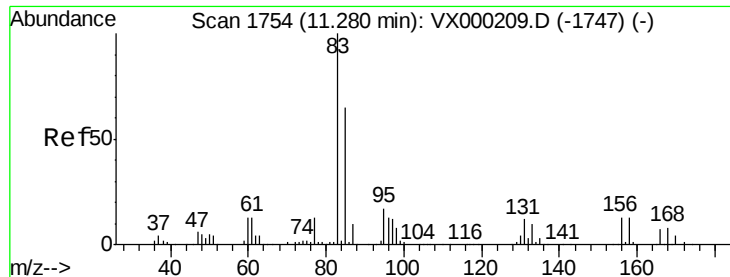
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.13 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Instrument :

MSVOA_X

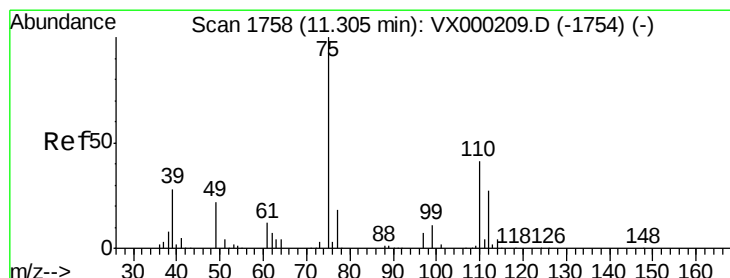
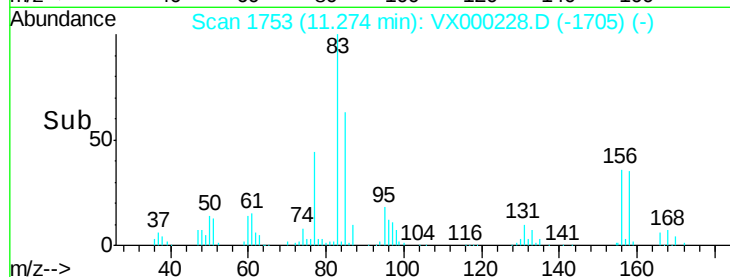
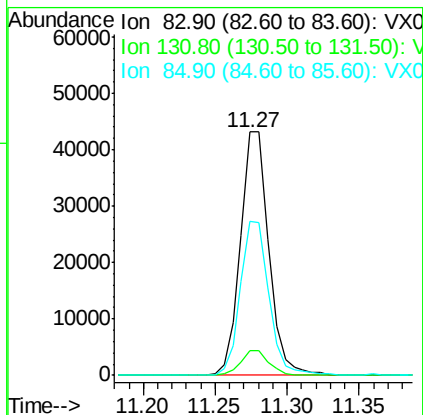
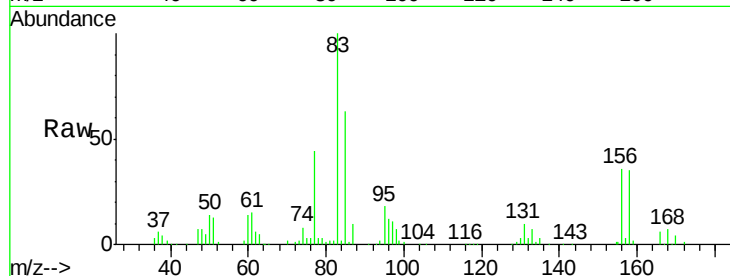
ClientSampleId :

VX0308MBS01

Tot Ion:	83	Resp:	59260
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.5	16.5
85	63.9	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.46 ug/l m

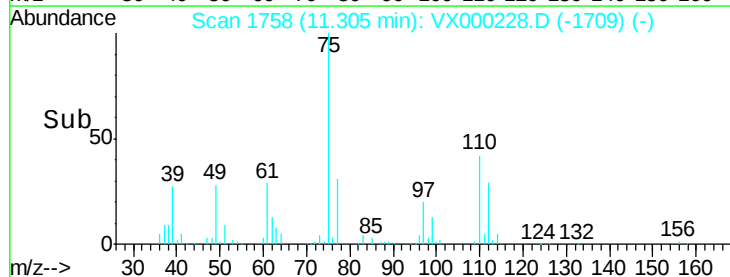
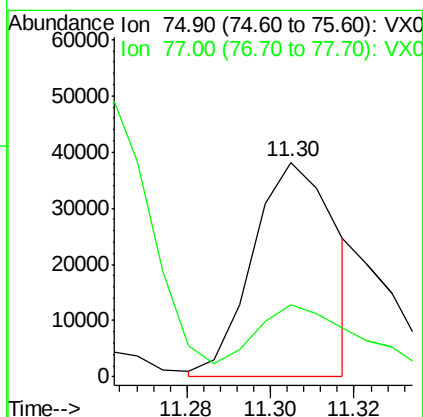
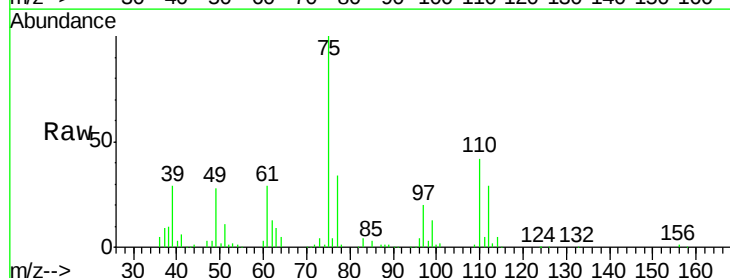
RT: 11.30 min Scan# 1758

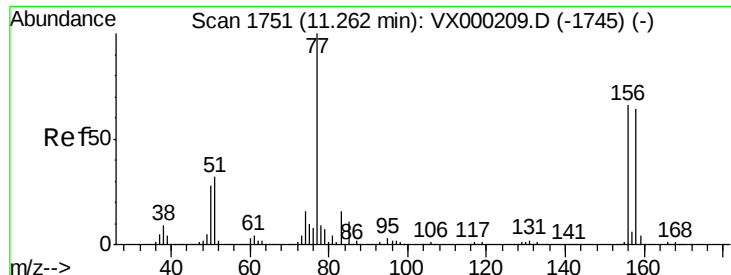
Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Tgt Ion:	75	Resp:	52405
Ion Ratio	Lower	Upper	
75	100		
77	43.4	22.3	66.8





#77

Bromobenzene

Concen: 19.76 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VX0308MBSD01

Tot Ion:156 Resp: 40869

Ion Ratio Lower Upper

156 100

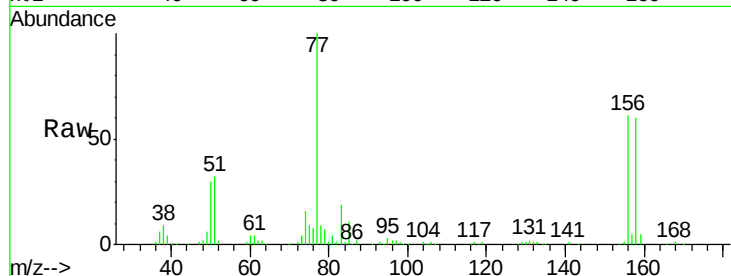
77 152.6 71.9 215.7

158 98.5 48.0 144.2

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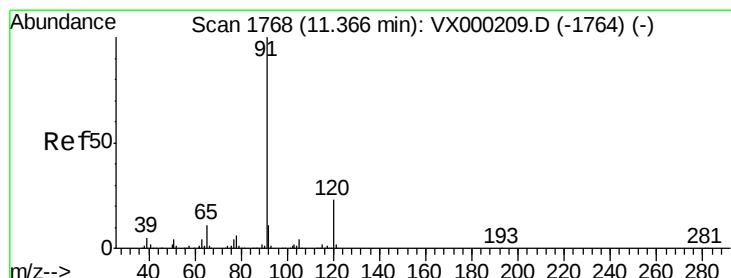
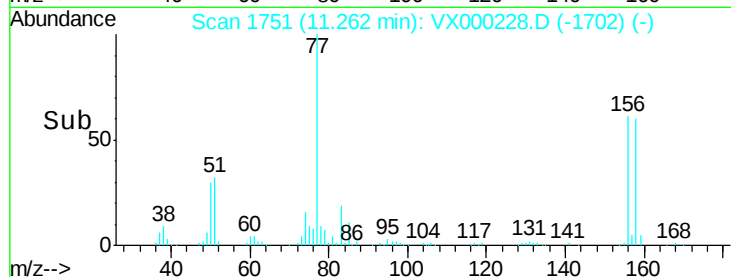
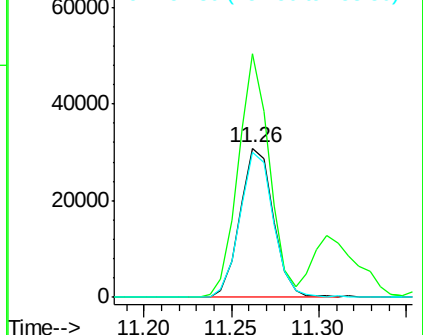
3/9/2018 9:38:29 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.59 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000228.D

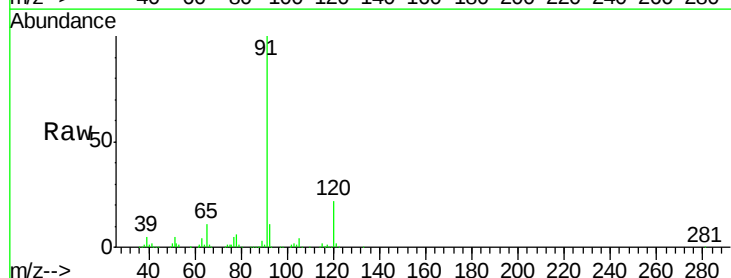
Acq: 08 Mar 2018 18:54

Tgt Ion: 91 Resp: 193818

Ion Ratio Lower Upper

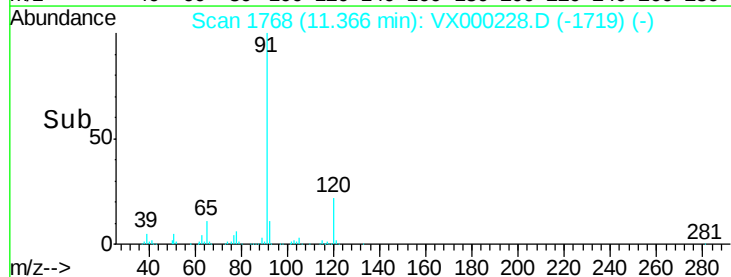
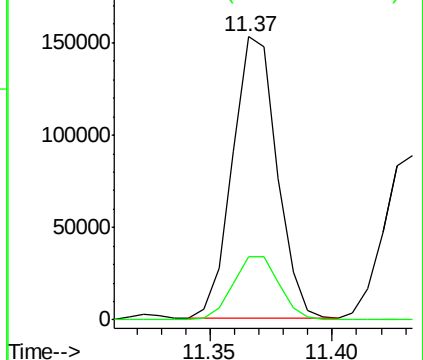
91 100

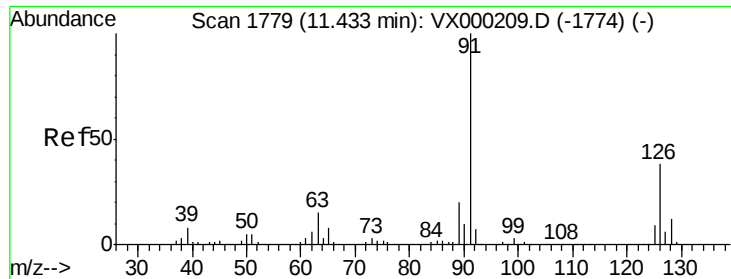
120 23.7 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





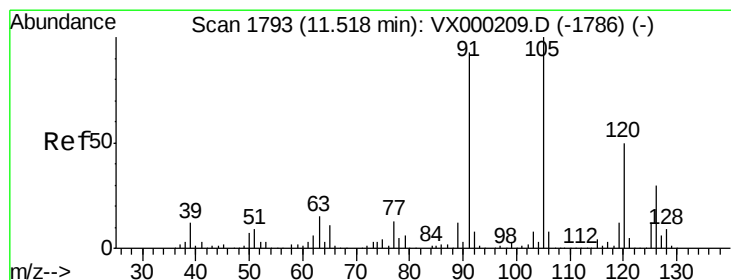
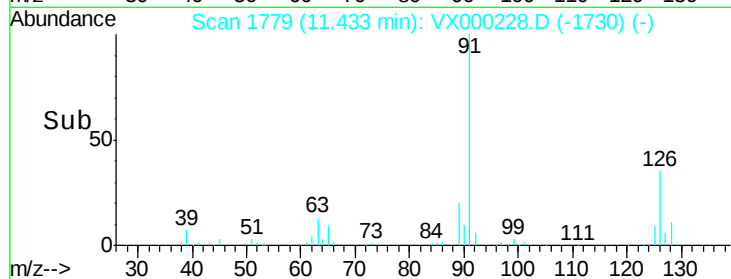
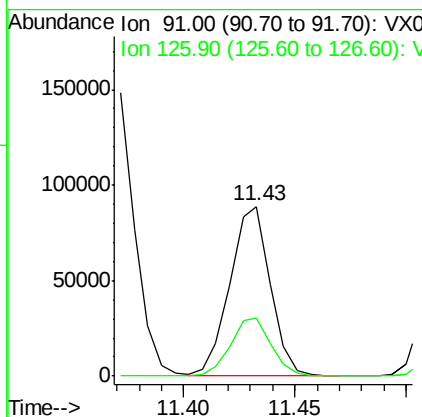
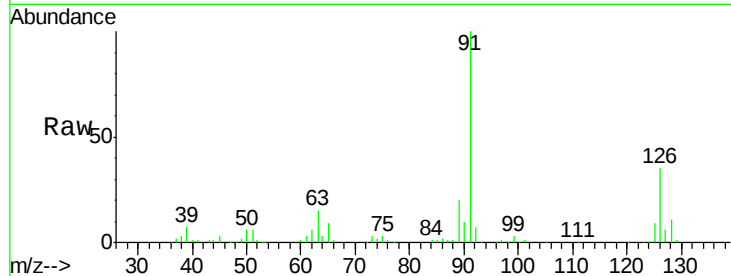
#79
 2-Chlorotoluene
 Concen: 20.98 ug/l
 RT: 11.43 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX000228.D
 Acq: 08 Mar 2018 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308MBSD01

Tot Ion: 91 Resp: 111414
 Ion Ratio Lower Upper
 91 100
 126 35.1 18.4 55.2

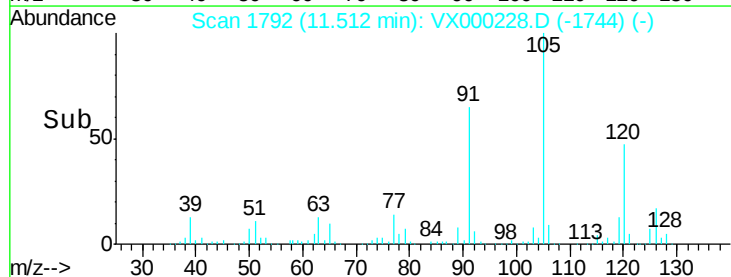
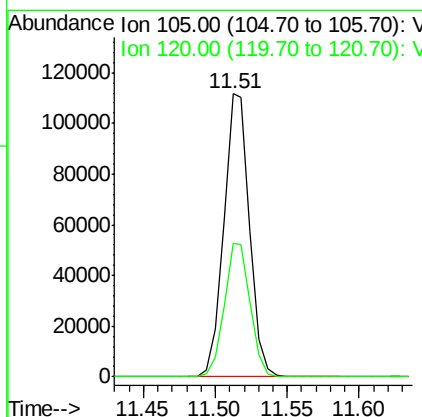
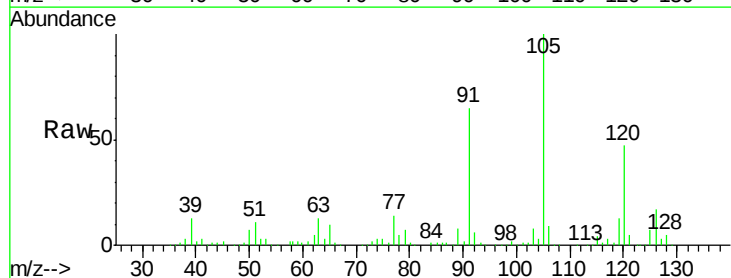
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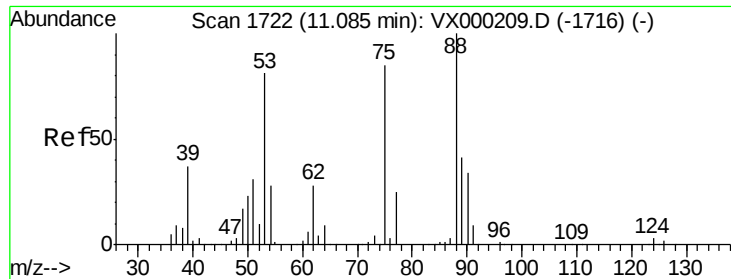
apatel
 3/9/2018 9:38:29 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.97 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: VX000228.D
 Acq: 08 Mar 2018 18:54

Tgt Ion: 105 Resp: 140016
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.11 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Instrument :

MSVOA_X

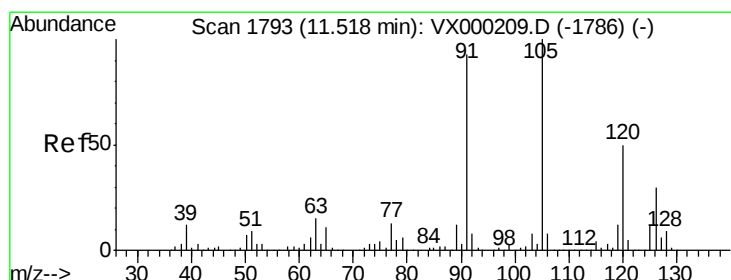
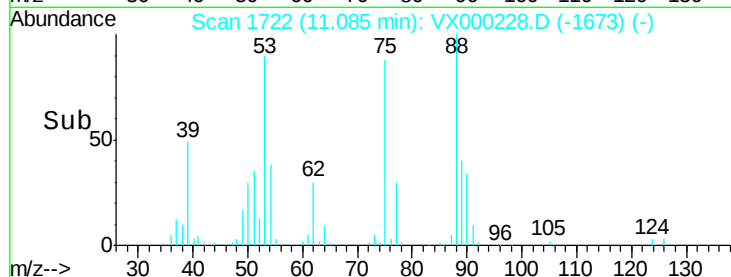
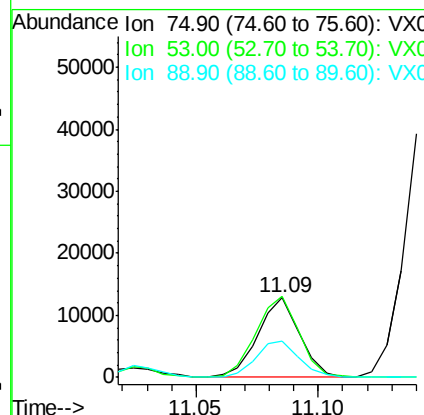
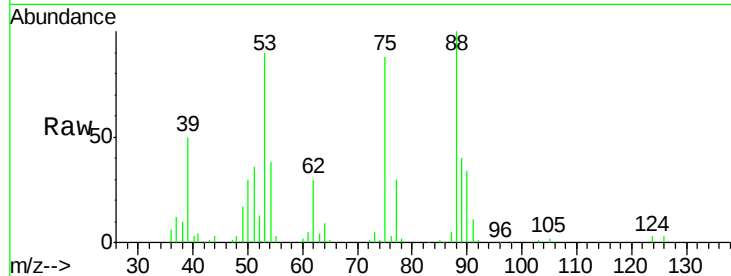
ClientSampled :

VX0308MBS01

Tot Ion:	75	Resp:	15142
Ion Ratio	Lower	Upper	
75	100		
53	106.1	78.6	118.0
89	48.2	38.8	58.2

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#82

4-Chlorotoluene

Concen: 21.13 ug/l

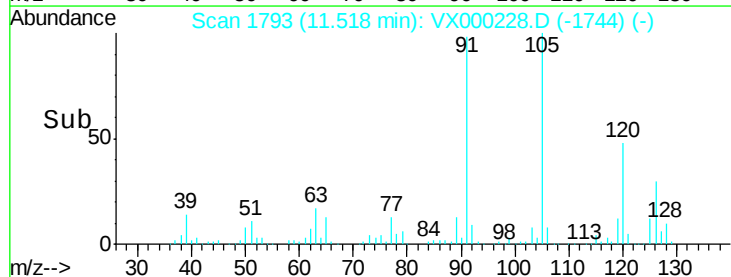
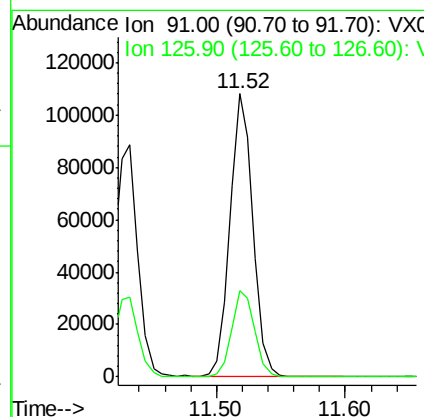
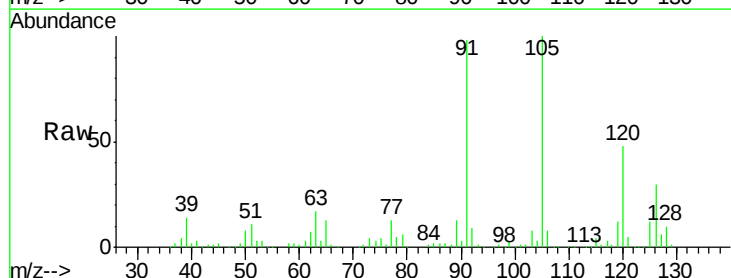
RT: 11.52 min Scan# 1793

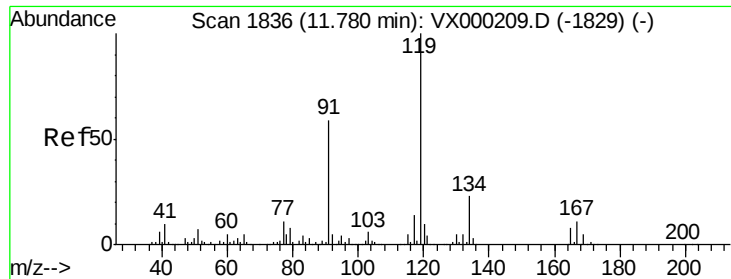
Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Tgt Ion:	91	Resp:	136426
Ion Ratio	Lower	Upper	
91	100		
126	30.3	16.0	48.0





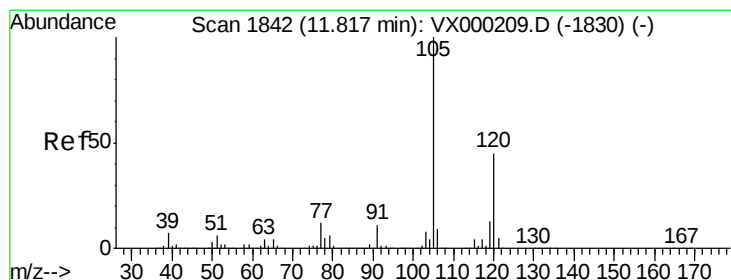
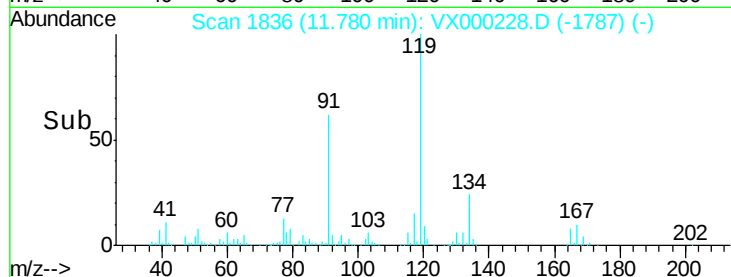
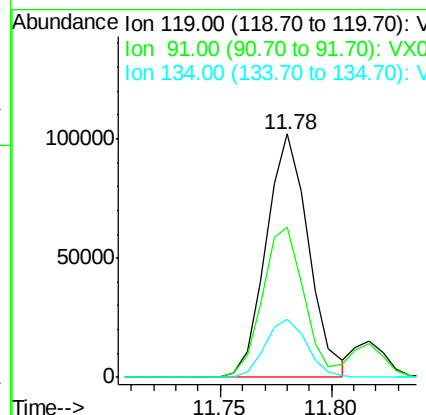
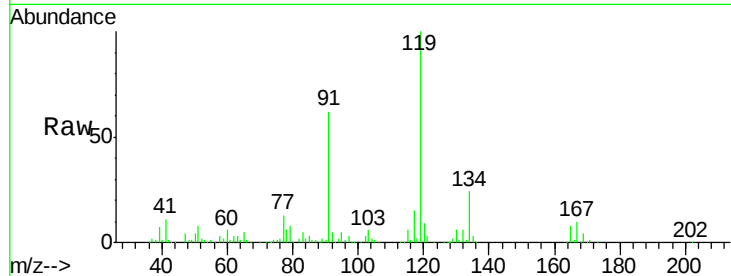
#83
 tert-Butylbenzene
 Concen: 20.79 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000228.D
 Acq: 08 Mar 2018 18:54

Instrument :
 MSVOA_X
 ClientSampled :
 VX0308MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	135061		
91	60.1	28.9	86.7	
134	23.7	11.5	34.4	

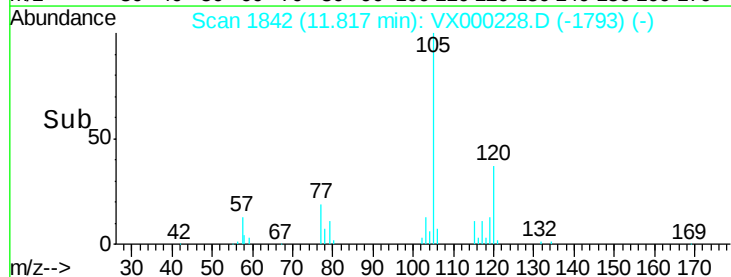
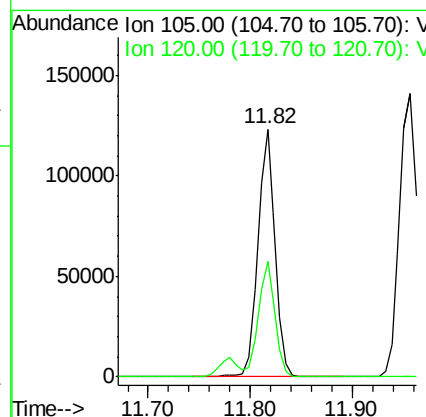
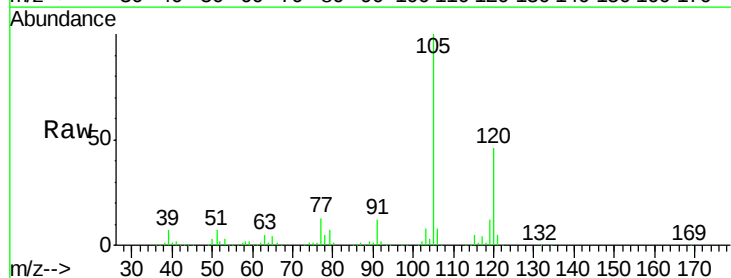
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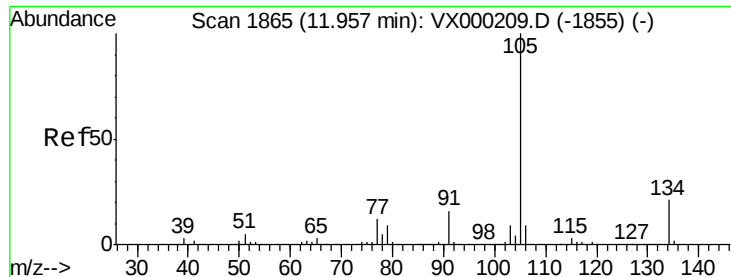
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.08 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000228.D
 Acq: 08 Mar 2018 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	144729		
120	45.5	23.0	69.0	





#85

sec-Butylbenzene

Concen: 21.09 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VX0308MBS01

Tot Ion:105 Resp: 173325

Ion Ratio Lower Upper

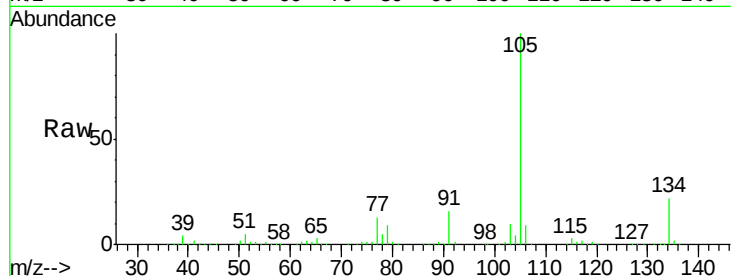
105 100

134 20.9 10.3 30.9

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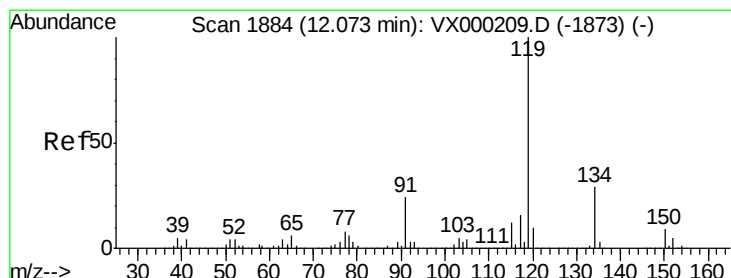
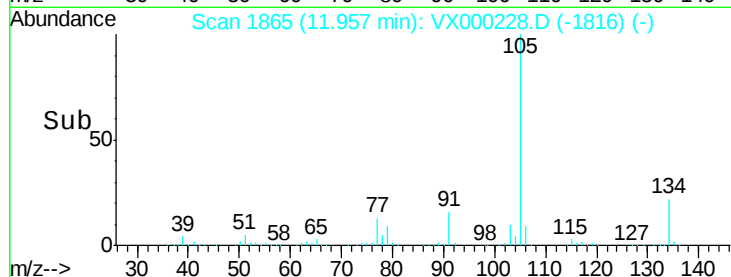
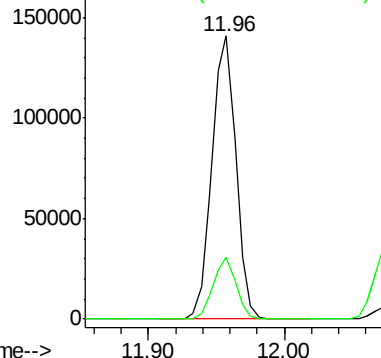
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.21 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

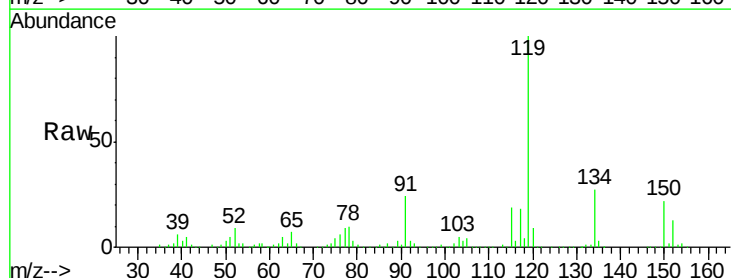
Tgt Ion:119 Resp: 153689

Ion Ratio Lower Upper

119 100

134 26.7 13.8 41.3

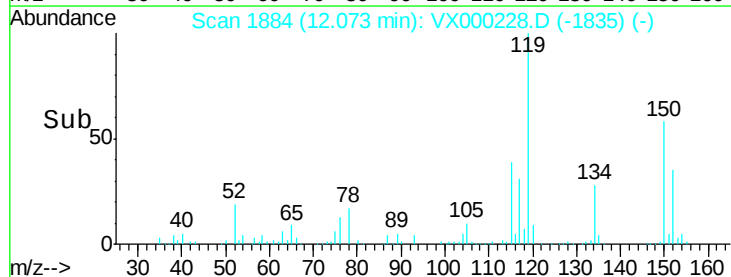
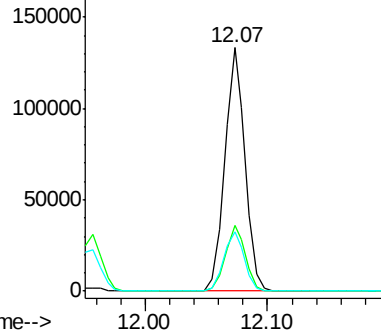
91 24.9 12.0 36.0

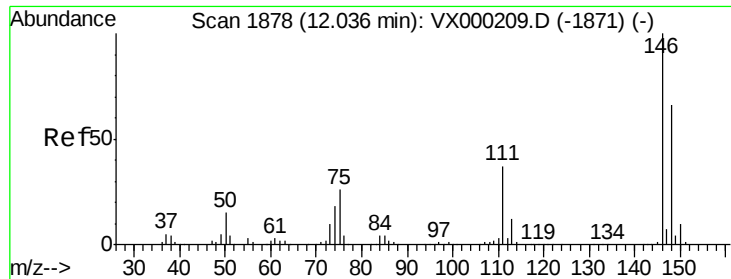


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





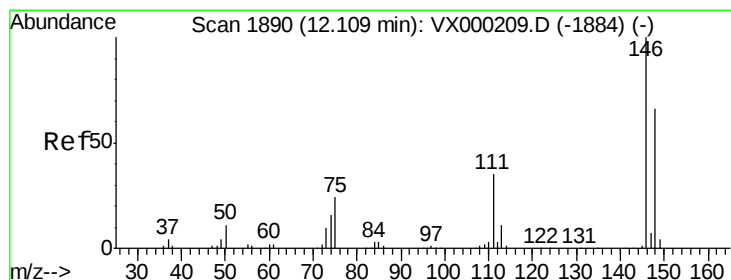
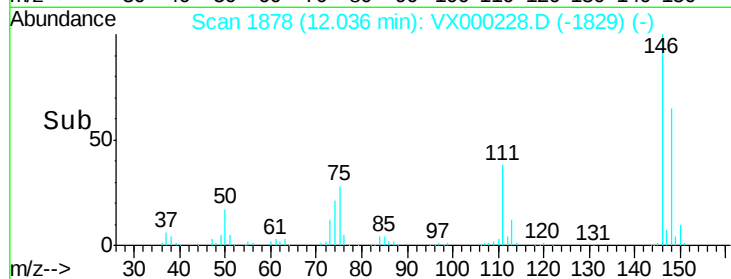
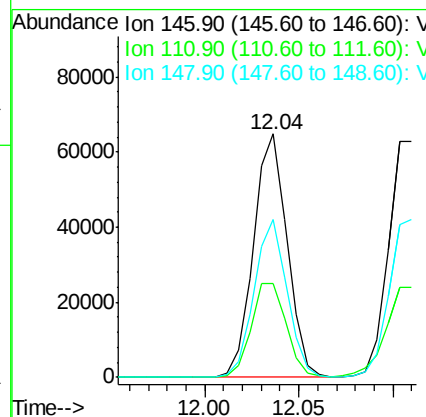
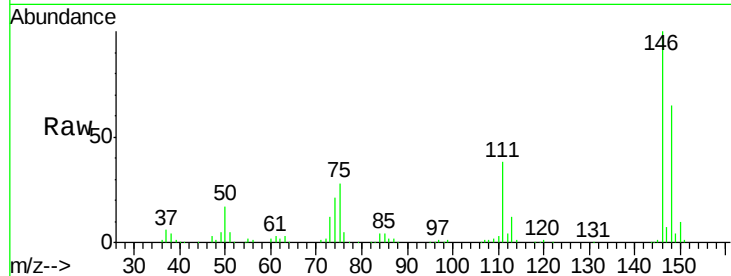
#87
 1,3-Dichlorobenzene
 Concen: 20.42 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000228.D
 Acq: 08 Mar 2018 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.0	57.0
148	63.4	32.1	96.3

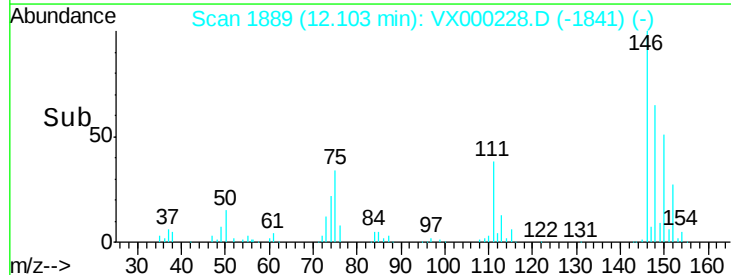
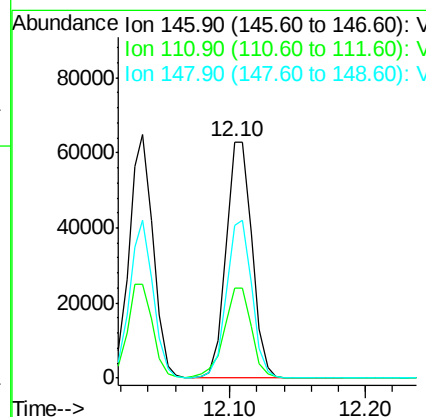
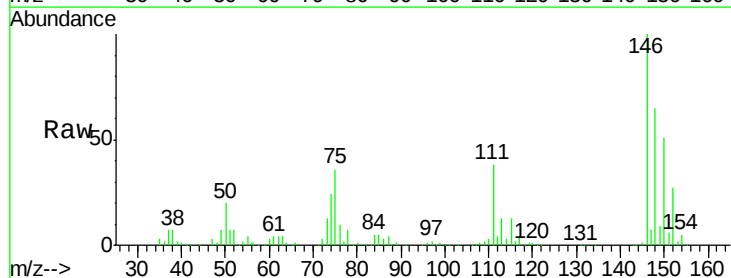
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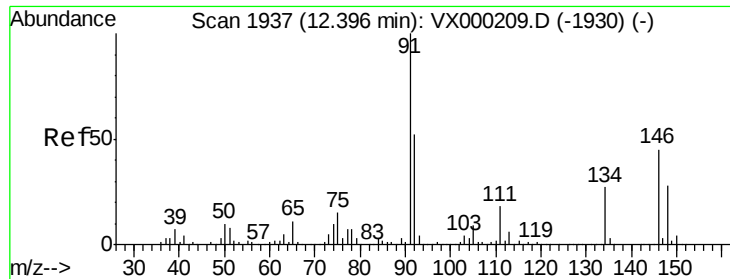
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 20.16 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000228.D
 Acq: 08 Mar 2018 18:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	18.9	56.9
148	65.3	32.6	97.8





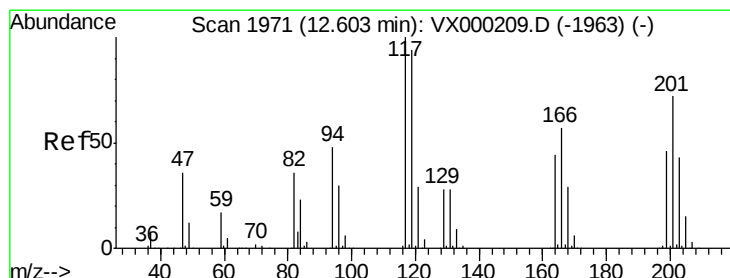
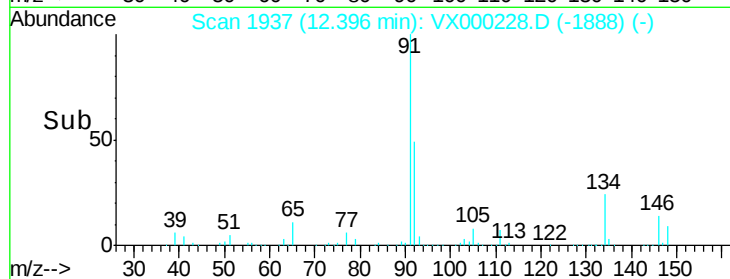
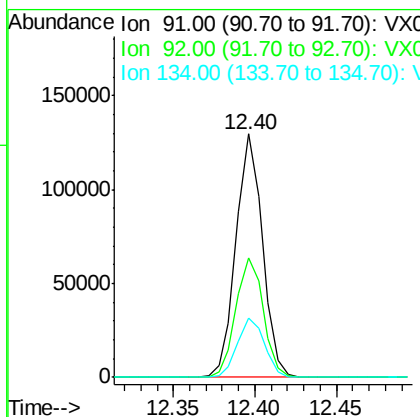
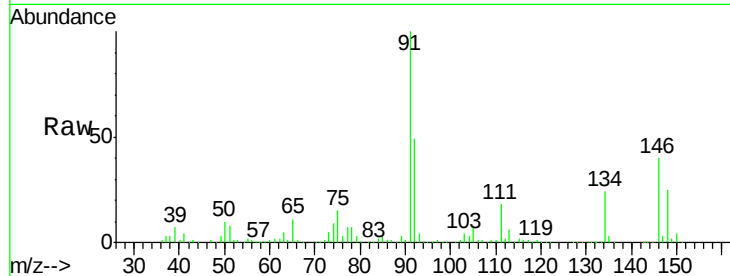
#89
n-Butylbenzene
Concen: 21.01 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Instrument :
MSVOA_X
ClientSampled :
VX0308MBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.7	25.8	77.4
134	25.3	13.5	40.5

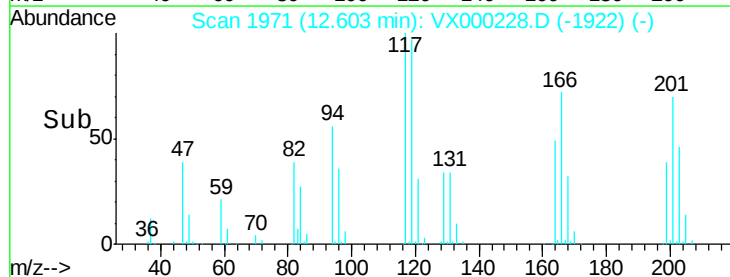
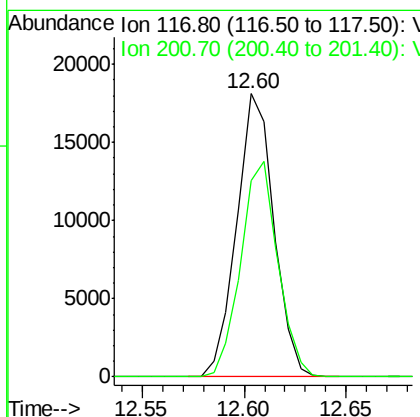
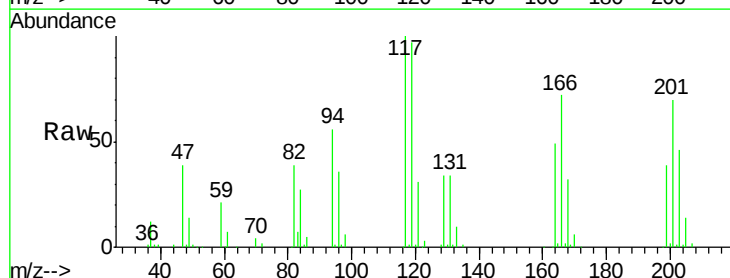
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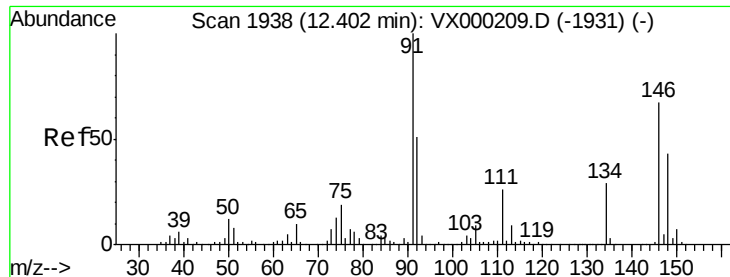
apatel
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#90
Hexachloroethane
Concen: 19.60 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000228.D
Acq: 08 Mar 2018 18:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.2	38.2	114.6





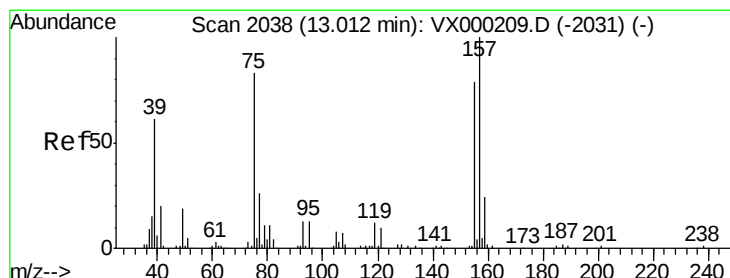
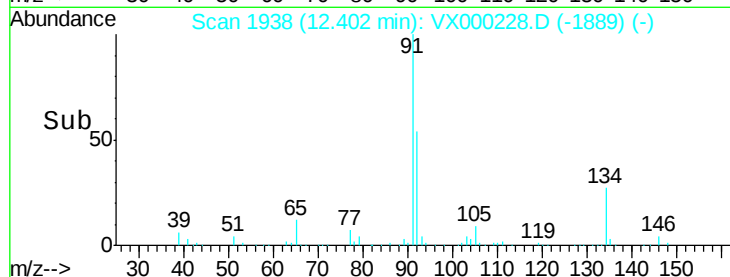
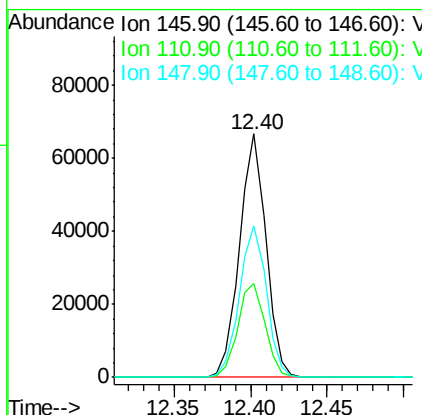
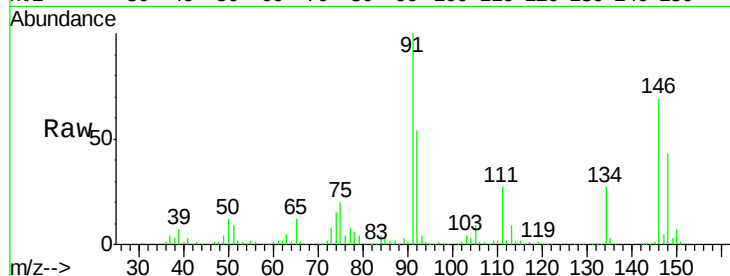
#91
 1,2-Dichlorobenzene
 Concen: 20.53 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000228.D
 Acq: 08 Mar 2018 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.7	59.0
148	63.6	32.0	96.0

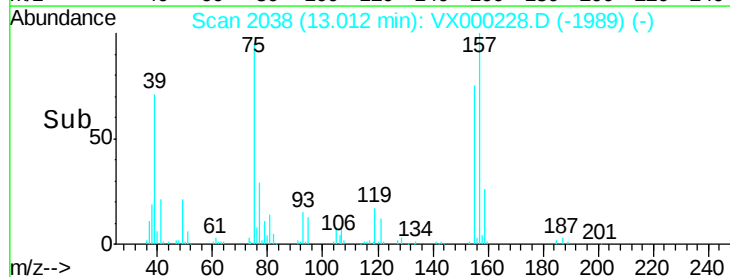
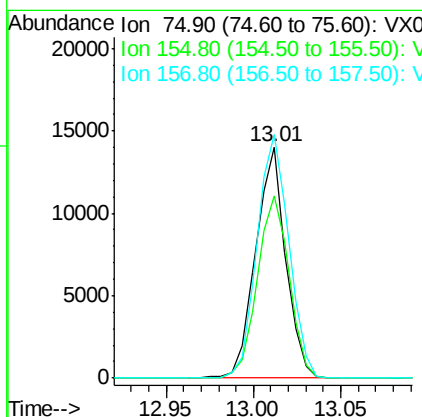
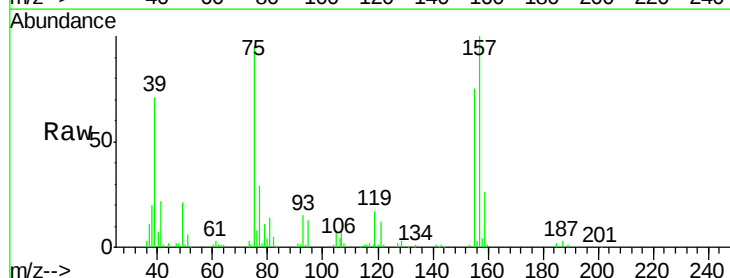
Manual Integrations
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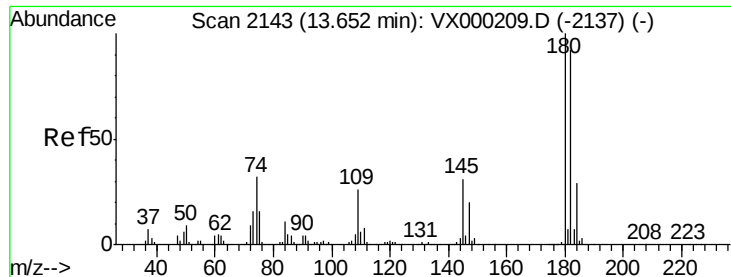
apatel
 3/9/2018 9:38:29 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.20 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000228.D
 Acq: 08 Mar 2018 18:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.4	45.5	136.5
157	111.6	58.6	175.8





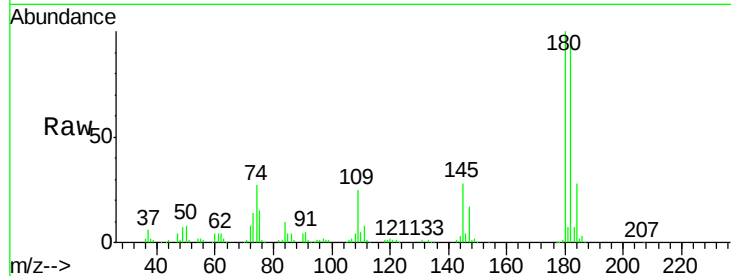
#93
 1,2,4-Trichlorobenzene
 Concen: 19.92 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000228.D
 Acq: 08 Mar 2018 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.0	141.0
145	30.1	15.3	45.9

Manual Integrations
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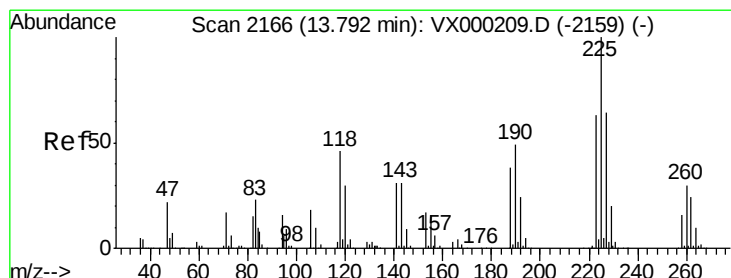
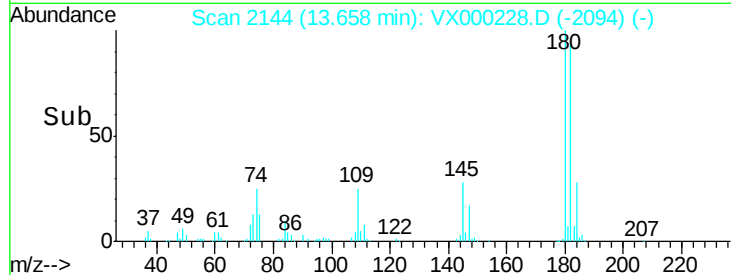
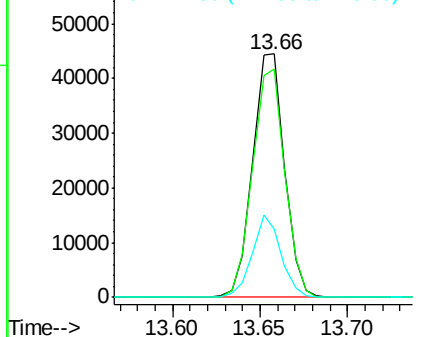


Abundance

Ion 179.80 (179.50 to 180.50): V

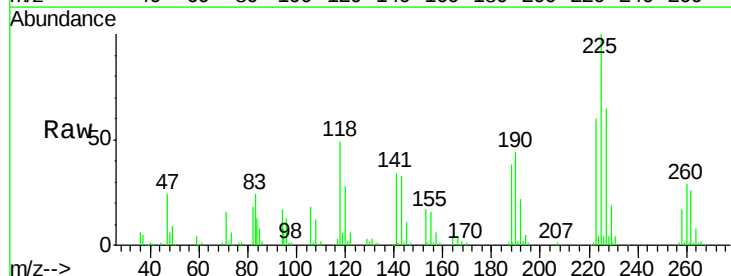
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.42 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000228.D
 Acq: 08 Mar 2018 18:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.8	95.3
227	64.8	31.9	95.5

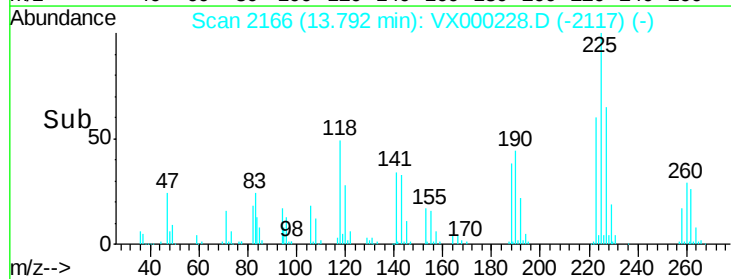
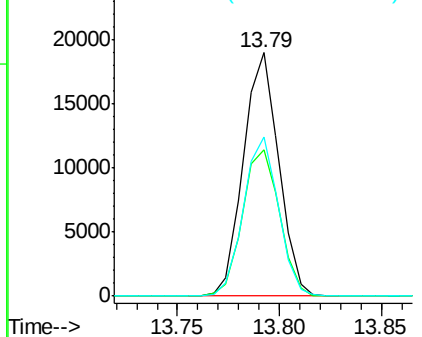


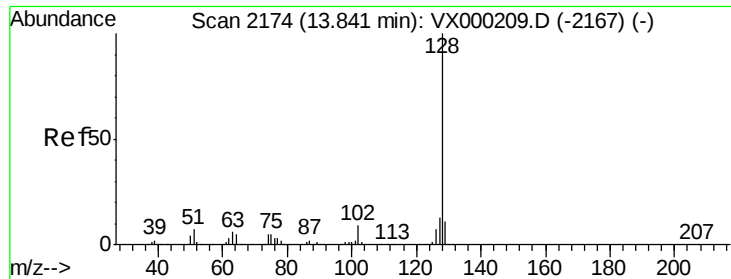
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.83 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Instrument :

MSVOA_X

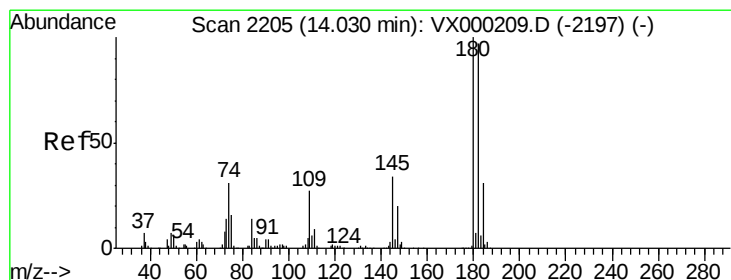
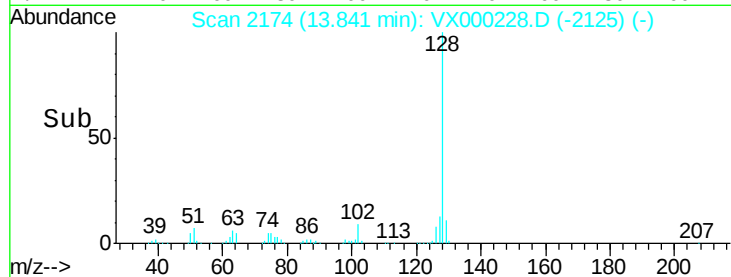
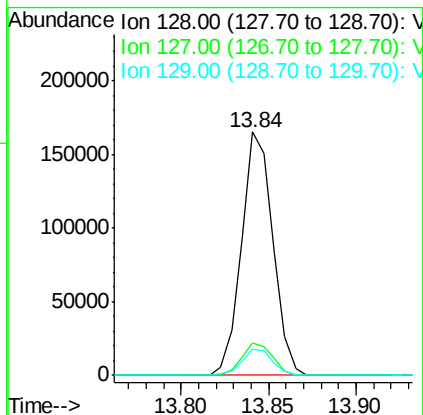
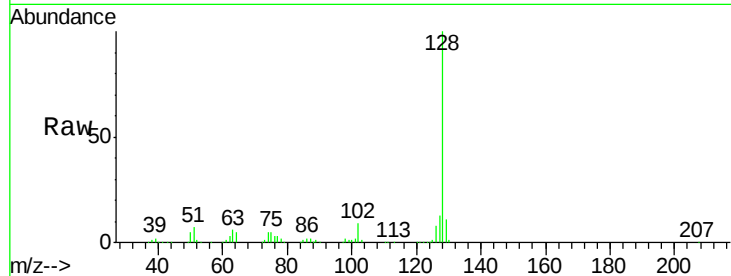
ClientSampleId :

VX0308MBS01

Tot Ion:	128	Resp:	205790
Ion Ratio		Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.8	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.31 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000228.D

Acq: 08 Mar 2018 18:54

Tgt Ion:	180	Resp:	56882
Ion Ratio		Lower	Upper
180	100		
182	94.7	48.0	144.0
145	30.2	16.3	48.8

