

Data File : VX000351.D

Acq On : 16 Mar 2018 17:02

Operator : JC/MD

Sample : VX0316MBSD01

Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH

ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01Manual Integrations
APPROVEDapatel
3/19/2018 5:32:19 PM

Quant Time: Mar 17 01:11:29 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 15 03:39:21 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	147937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	239283	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	234372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	131752	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	94916	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
35) Dibromofluoromethane	5.51	113	73564	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
50) Toluene-d8	8.73	98	280300	44.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.02%	
62) 4-Bromofluorobenzene	11.15	95	107278	42.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	30210	18.96	ug/l	98
3) Chloromethane	1.32	50	30992	19.08	ug/l	96
4) Vinyl Chloride	1.41	62	34341	18.87	ug/l	94
5) Bromomethane	1.64	94	34289	16.89	ug/l	95
6) Chloroethane	1.73	64	22316	17.26	ug/l	97
7) Trichlorofluoromethane	1.93	101	60367	19.10	ug/l	100
8) Diethyl Ether	2.19	74	22442	19.95	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33652	19.78	ug/l	98
10) Methyl Iodide	2.52	142	27161	15.80	ug/l	99
11) Tert butyl alcohol	3.06	59	61755	93.26	ug/l	100
12) 1,1-Dichloroethene	2.38	96	29537	18.29	ug/l	95
13) Acrolein	2.29	56	26698	93.71	ug/l	99
14) Allyl chloride	2.73	41	53432	18.56	ug/l	99
15) Acrylonitrile	3.15	53	122868	96.23	ug/l	100
16) Acetone	2.45	43	134685	98.56	ug/l	96
17) Carbon Disulfide	2.57	76	77049	16.33	ug/l	99
18) Methyl Acetate	2.78	43	61407	20.08	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	114136	20.08	ug/l	98
20) Methylene Chloride	2.86	84	35752	20.21	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	31401	17.59	ug/l	99
22) Diisopropyl ether	3.88	45	105169	21.94	ug/l	94
23) Vinyl Acetate	3.83	43	505544	110.67	ug/l	100
24) 1,1-Dichloroethane	3.70	63	58900	19.54	ug/l	100
25) 2-Butanone	4.71	43	168470	103.15	ug/l	99
26) 2,2-Dichloropropane	4.59	77	42474	19.52	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	32528	19.95	ug/l	99
28) Bromochloromethane	5.03	49	24728	19.51	ug/l	98
29) Tetrahydrofuran	5.17	42	103716	98.67	ug/l	99
30) Chloroform	5.23	83	57296	20.13	ug/l	95
31) Cyclohexane	5.58	56	45139	19.51	ug/l	94
32) 1,1,1-Trichloroethane	5.51	97	50421	20.04	ug/l	98
36) 1,1-Dichloropropene	5.81	75	42831	19.70	ug/l	97
37) Ethyl Acetate	4.87	43	57939	20.05	ug/l	98
38) Carbon Tetrachloride	5.79	117	41539	18.95	ug/l	98

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ALS Vial : 8 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBSD01

Manual Integrations

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3/19/2018 5:32:19 PM

Quant Time: Mar 17 01:11:29 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 15 03:39:21 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	52465	20.69	ug/l	96
40) Benzene	6.15	78	123789	20.07	ug/l	99
41) Methacrylonitrile	5.06	41	31011	20.44	ug/l	98
42) 1,2-Dichloroethane	6.20	62	50667	20.72	ug/l	98
43) Isopropyl Acetate	6.48	43	88213	21.15	ug/l	98
44) Trichloroethene	7.22	130	35577	19.91	ug/l	99
45) 1,2-Dichloropropane	7.52	63	32161	21.14	ug/l	100
46) Dibromomethane	7.67	93	24715	20.22	ug/l	97
47) Bromodichloromethane	7.91	83	43995	20.28	ug/l	98
48) Methyl methacrylate	7.79	41	42362	20.09	ug/l	99
49) 1,4-Dioxane	7.76	88	18485	389.62	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	329520	101.74	ug/l	98
52) Toluene	8.79	92	83781	19.34	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	50293	20.09	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	47173	19.27	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	35826	20.61	ug/l	98
56) Ethyl methacrylate	9.19	69	53727	20.87	ug/l	99
57) 1,3-Dichloropropane	9.38	76	58080	20.62	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	125283	117.17	ug/l	99
59) 2-Hexanone	9.51	43	276096	101.18	ug/l	100
60) Dibromochloromethane	9.59	129	36549	19.88	ug/l	98
61) 1,2-Dibromoethane	9.68	107	37941	19.69	ug/l	99
64) Tetrachloroethene	9.34	164	35111	22.09	ug/l	96
65) Chlorobenzene	10.15	112	98750	20.69	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	33691	20.99	ug/l	98
67) Ethyl Benzene	10.26	91	167780	20.62	ug/l	95
68) m/p-Xylenes	10.37	106	133244	42.03	ug/l	96
69) o-Xylene	10.71	106	63907	20.75	ug/l	99
70) Styrene	10.72	104	104294	20.41	ug/l	98
71) Bromoform	10.87	173	27730	19.77	ug/l #	95
73) Isopropylbenzene	11.02	105	173979	21.92	ug/l	100
74) N-amyl acetate	6.48	43	88213	23.22	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	62700	22.20	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	56105m	22.43	ug/l	
77) Bromobenzene	11.26	156	45150	21.68	ug/l	99
78) n-propylbenzene	11.37	91	201677	21.08	ug/l	100
79) 2-Chlorotoluene	11.43	91	115875	21.34	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	147092	21.76	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	15689	19.55	ug/l	92
82) 4-Chlorotoluene	11.52	91	142599	21.37	ug/l	98
83) tert-Butylbenzene	11.78	119	145329	22.04	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	156832	22.57	ug/l	100
85) sec-Butylbenzene	11.96	105	181672	22.01	ug/l	99
86) p-Isopropyltoluene	12.07	119	163171	22.21	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	84719	20.73	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	86444	20.35	ug/l	96
89) n-Butylbenzene	12.40	91	146927	20.57	ug/l	98
90) Hexachloroethane	12.60	117	24523	20.81	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	84648	21.38	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16363	21.40	ug/l	96

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031618\
Quantitation Report (QT Reviewed)

Data File : VX000351.D
Acq On : 16 Mar 2018 17:02
Operator : JC/MD
Sample : VX0316MBSD01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01

Manual Integrations
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3/19/2018 5:32:19 PM

Quant Time: Mar 17 01:11:29 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 03:39:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	58943	20.67	ug/l	99
94) Hexachlorobutadiene	13.79	225	24477	21.76	ug/l	98
95) Naphthalene	13.84	128	218769	22.11	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	58318	20.24	ug/l	97

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

Data File : VX000351.D

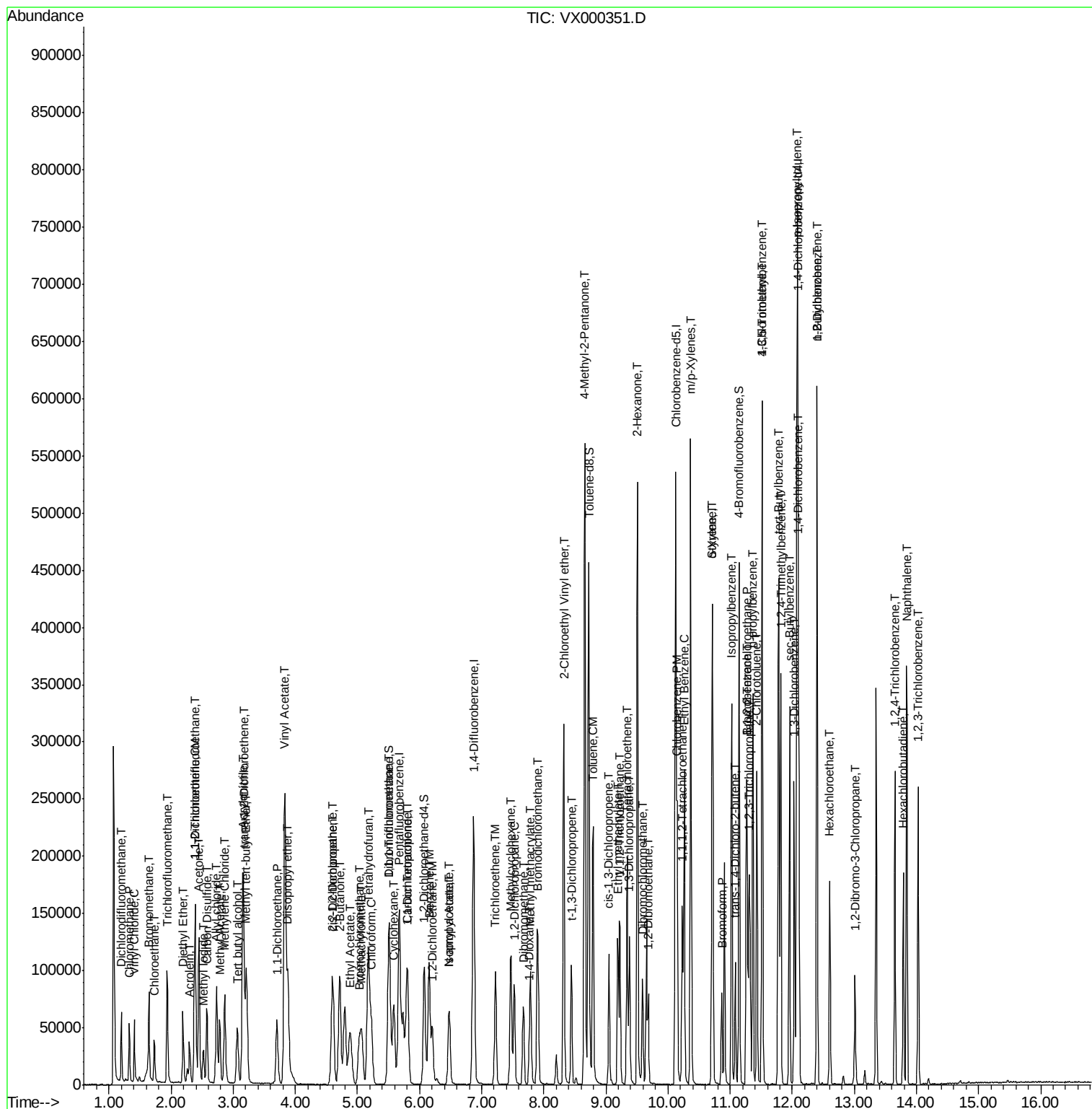
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Acq On       : 16 Mar 2018  17:02
Operator     : JC/MD
Sample       : VX0316MBSD01
Misc         : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial     : 8      Sample Multiplier: 1
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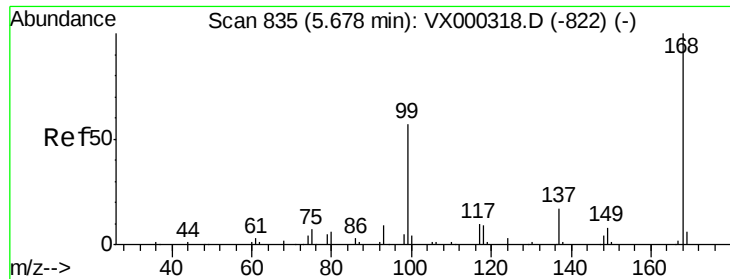
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01

Manual Integrations
APPROVED

apatel
3/19/2018 5:32:19 PM

Quant Time: Mar 17 01:11:29 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 03:39:21 2018
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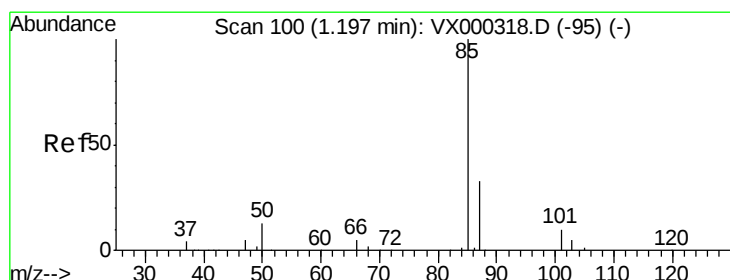
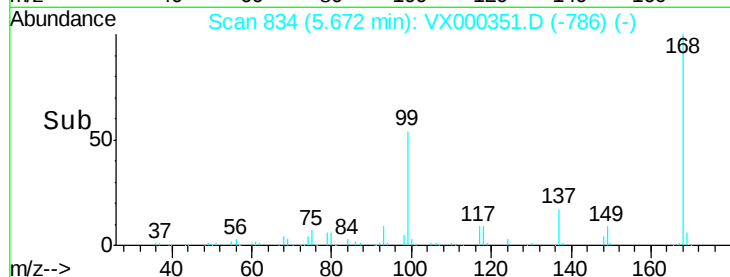
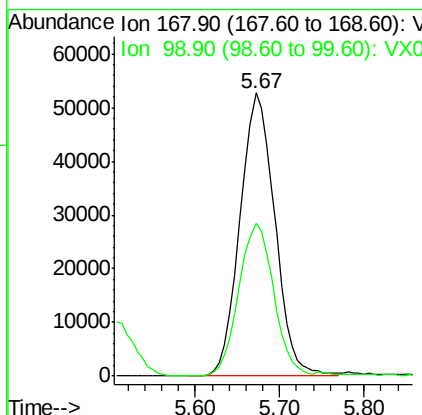
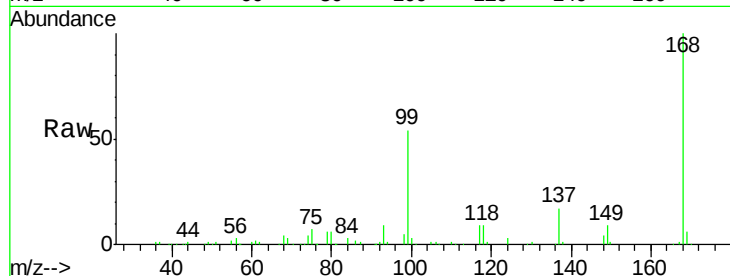
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.01 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion	Ratio	Lower	Upper
168	100		
99	53.8	45.8	68.6

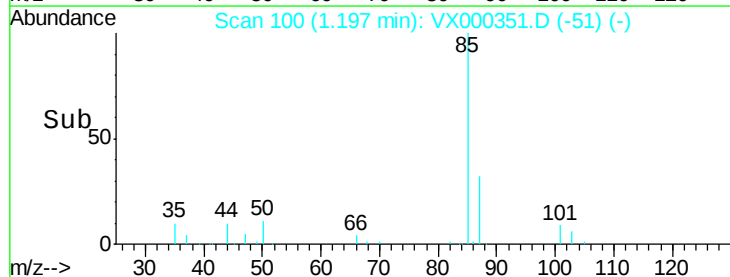
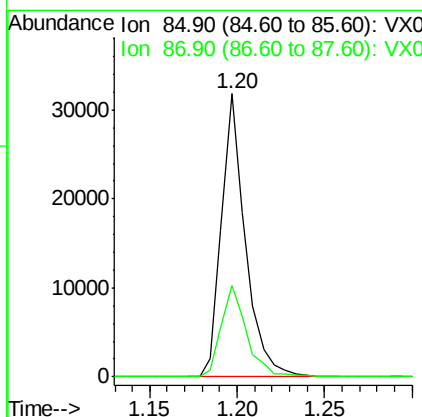
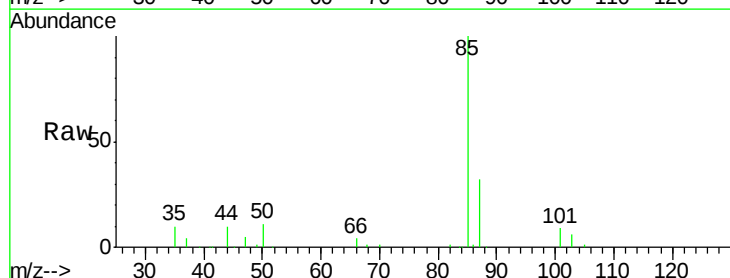
Manual Integrations
APPROVED

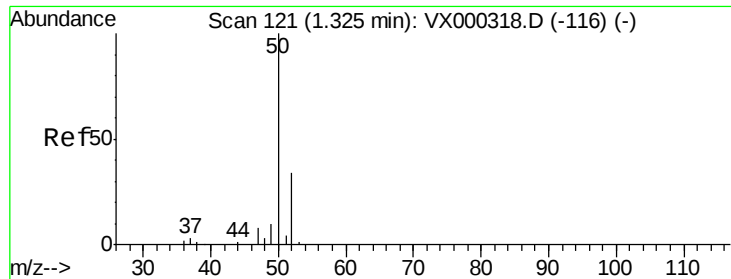
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#2
Dichlorodifluoromethane
Concen: 18.96 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.8	50.3





#3

Chloromethane

Concen: 19.08 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBSD01

Tgt Ion: 50 Resp: 30992

Ion Ratio Lower Upper

50 100

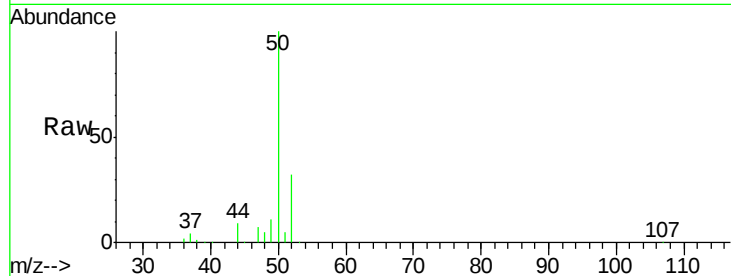
52 32.3 27.5 41.3

Manual Integrations

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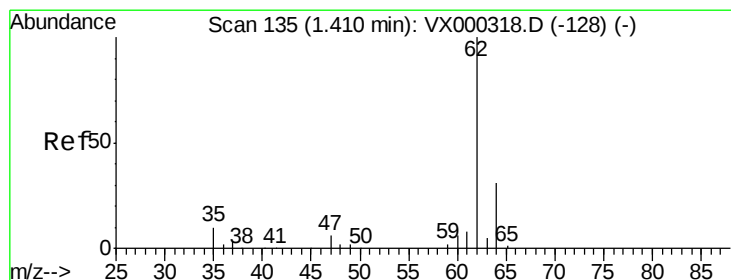
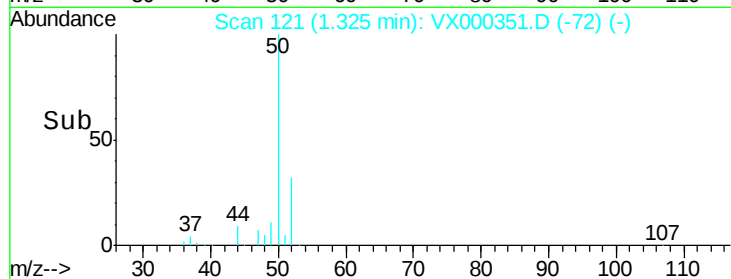
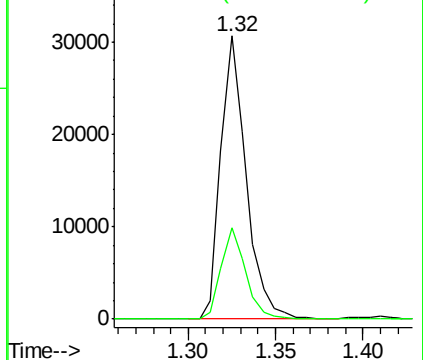
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.87 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000351.D

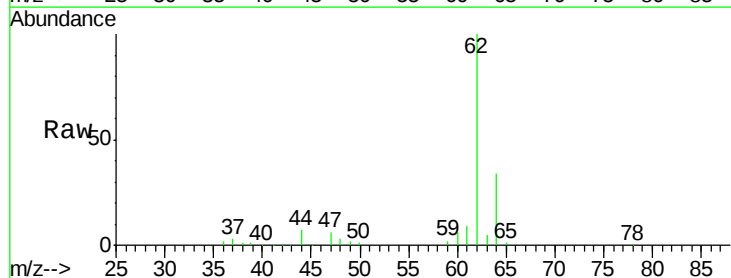
Acq: 16 Mar 2018 17:02

Tgt Ion: 62 Resp: 34341

Ion Ratio Lower Upper

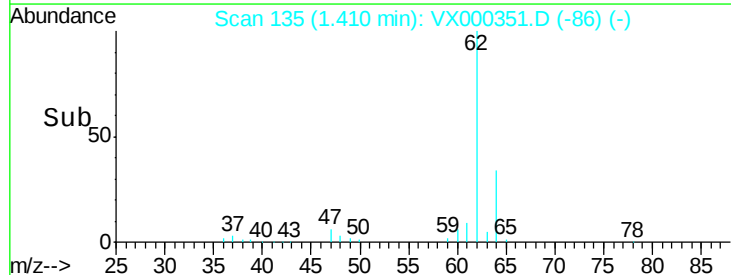
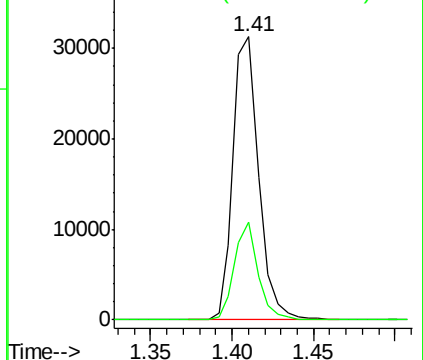
62 100

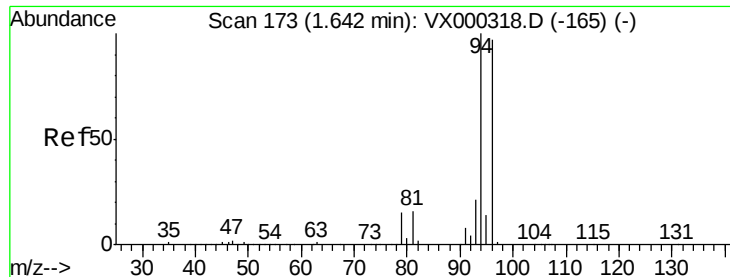
64 34.3 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.89 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBSD01

Tgt Ion: 94 Resp: 34289

Ion Ratio Lower Upper

94 100

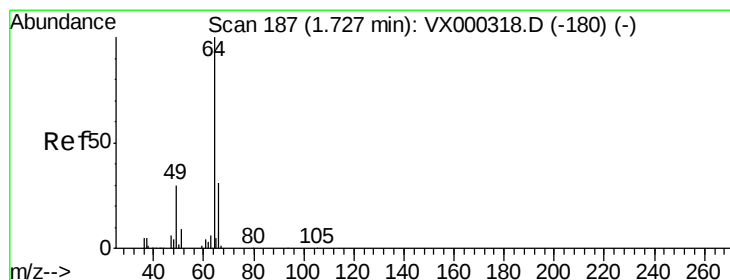
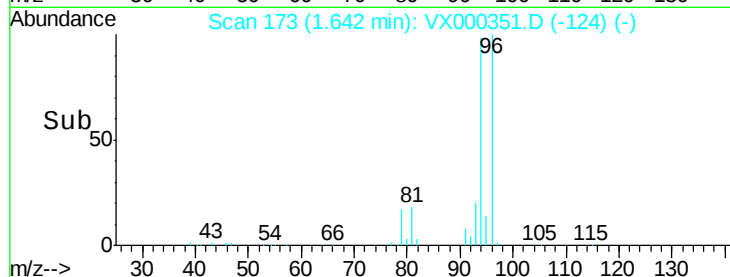
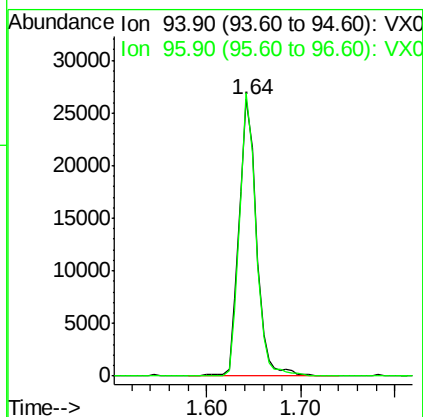
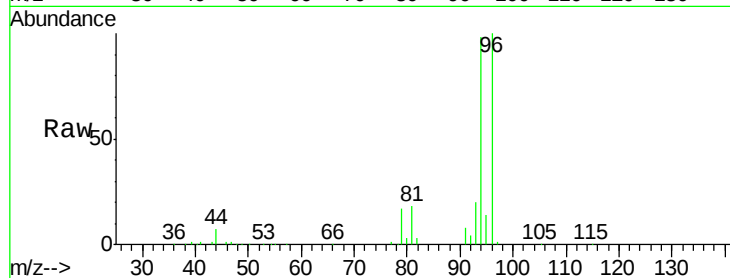
96 102.3 77.7 116.5

Manual Integrations

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#6

Chloroethane

Concen: 17.26 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000351.D

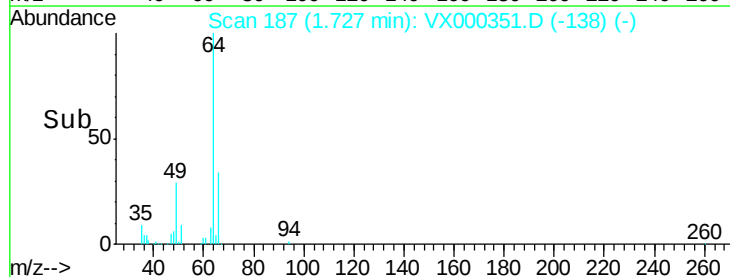
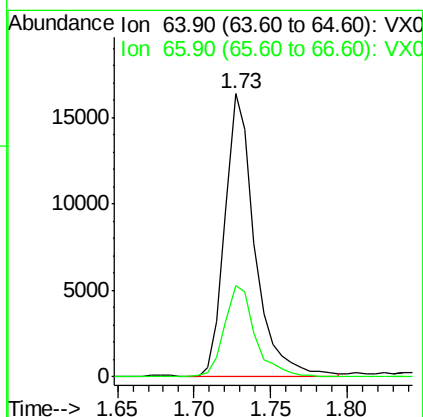
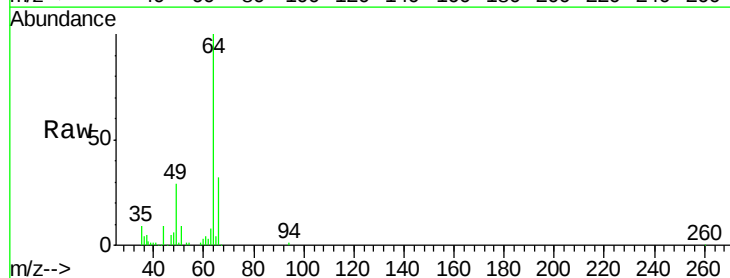
Acq: 16 Mar 2018 17:02

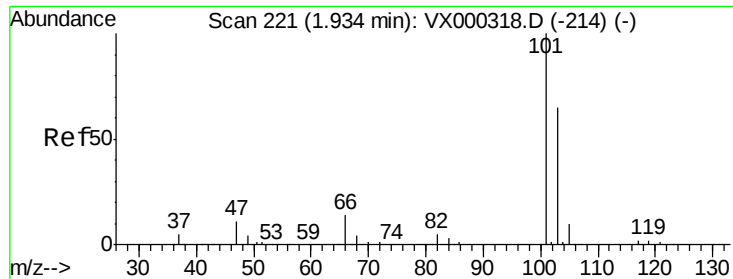
Tgt Ion: 64 Resp: 22316

Ion Ratio Lower Upper

64 100

66 32.4 24.8 37.2





#7

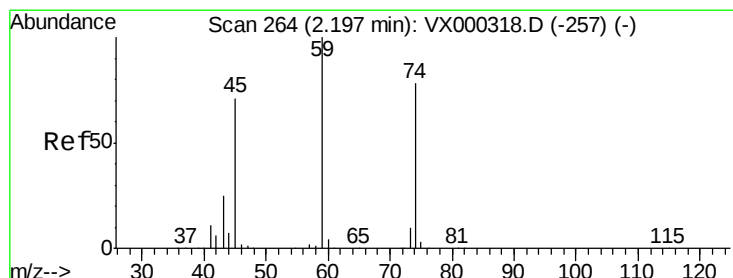
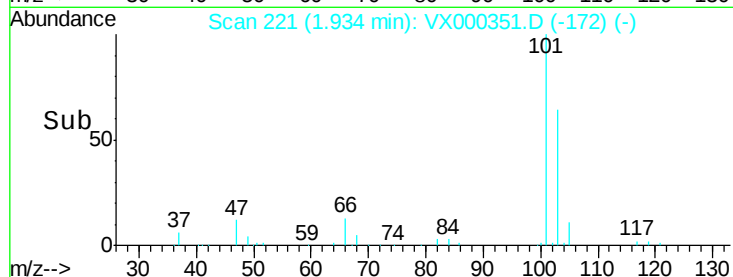
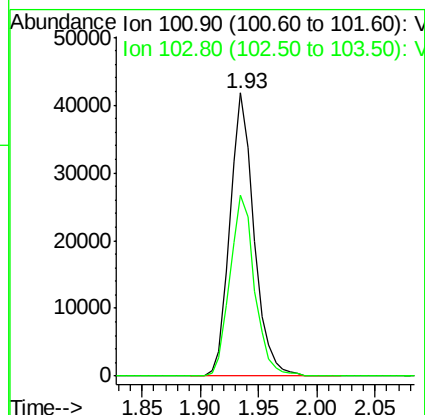
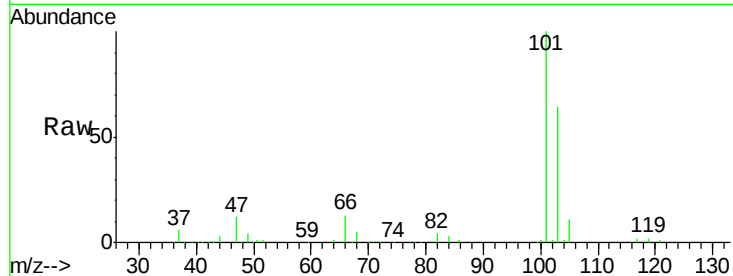
Trichlorofluoromethane
Concen: 19.10 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion: 101 Resp: 60367
Ion Ratio Lower Upper
101 100
103 64.2 51.6 77.4

Manual Integrations
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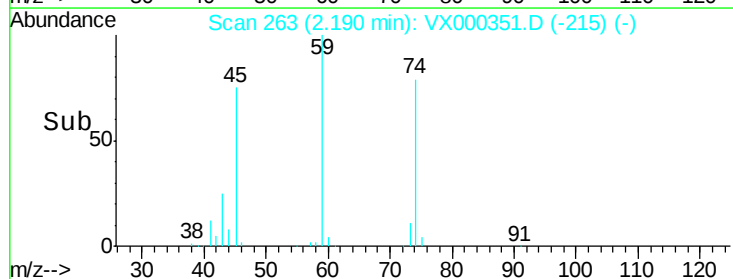
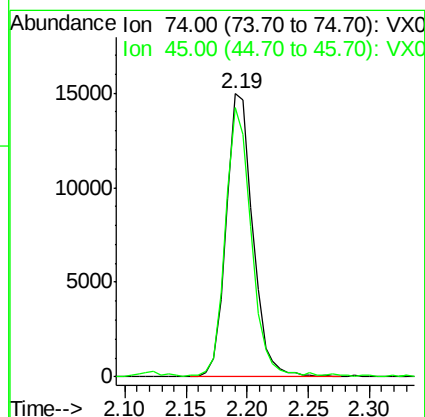
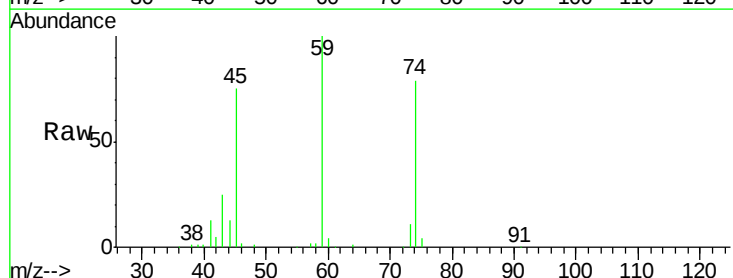
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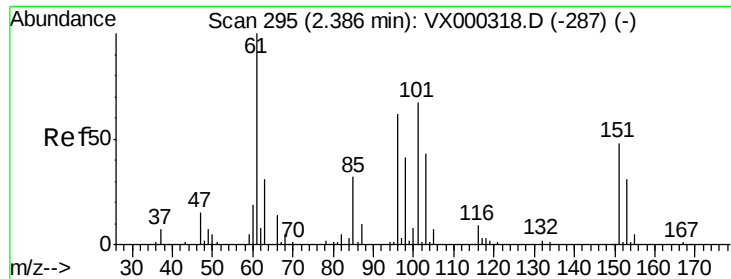


#8

Diethyl Ether
Concen: 19.95 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion: 74 Resp: 22442
Ion Ratio Lower Upper
74 100
45 92.3 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.78 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

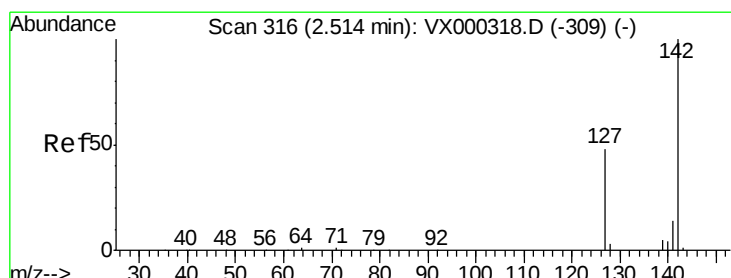
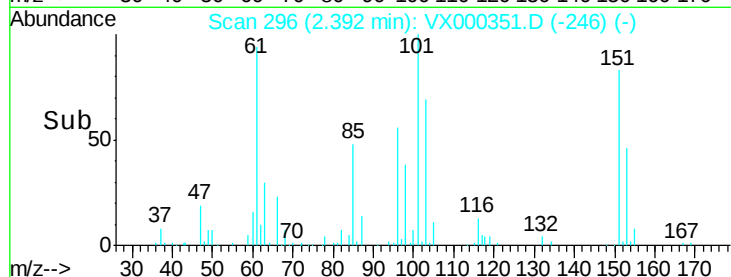
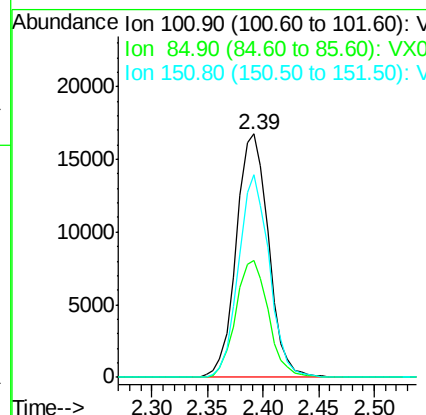
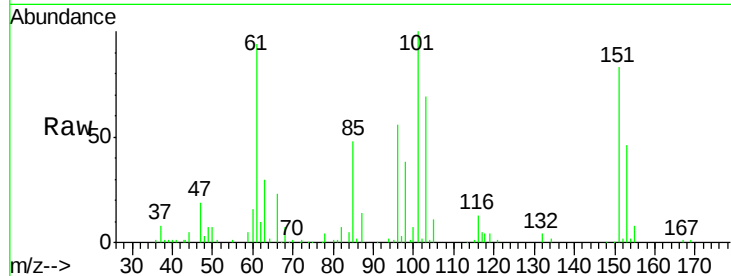
ClientSampleId :

VX0316MBS01

Tgt Ion:	101	Resp:	33652
Ion Ratio	Lower	Upper	
101	100		
85	48.6	37.6	56.4
151	79.2	62.6	93.8

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#10

Methyl Iodide

Concen: 15.80 ug/l

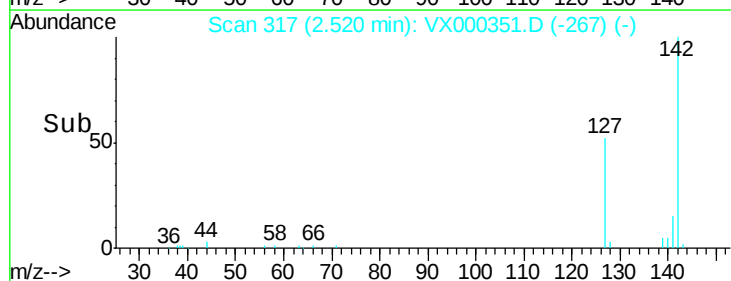
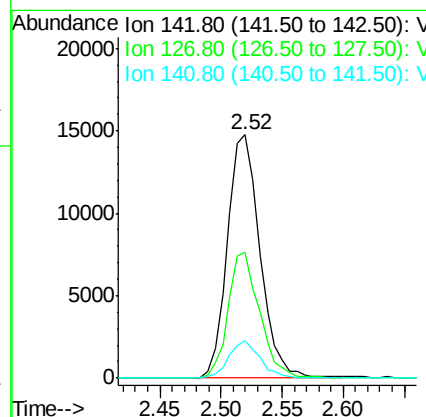
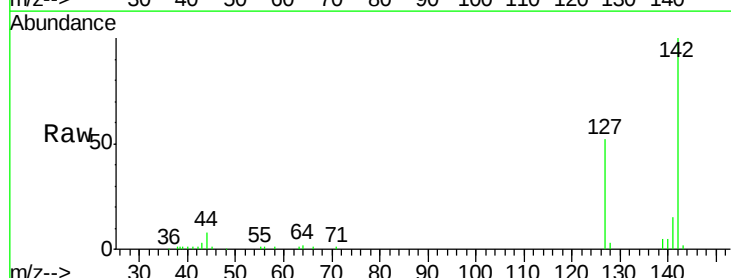
RT: 2.52 min Scan# 317

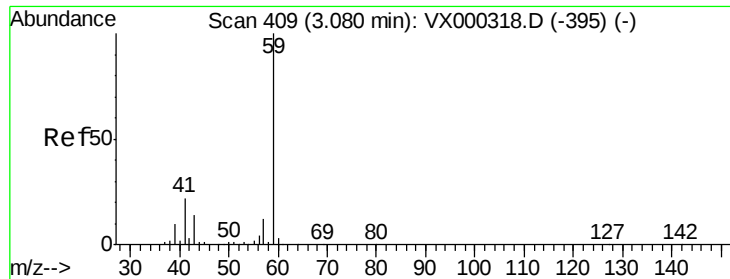
Delta R.T. 0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Tgt Ion:	142	Resp:	27161
Ion Ratio	Lower	Upper	
142	100		
127	50.1	39.2	58.8
141	14.7	11.7	17.5





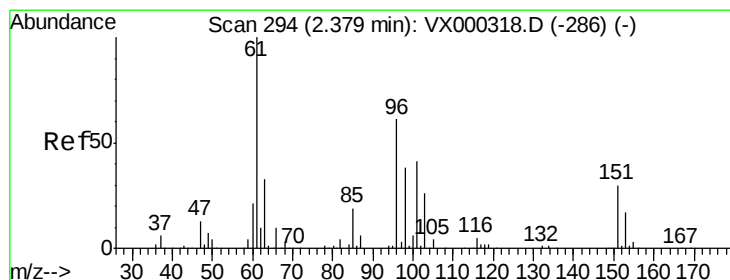
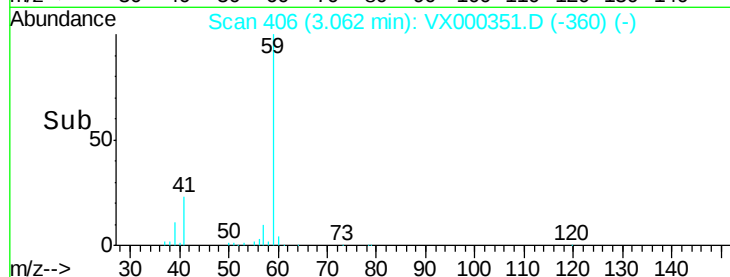
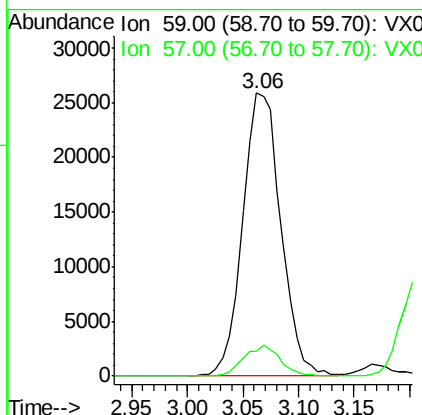
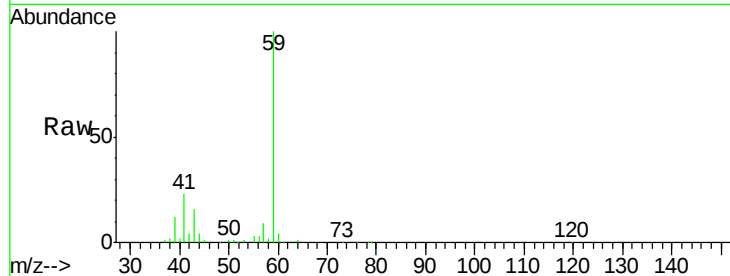
#11
Tert butyl alcohol
Concen: 93.26 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion: 59 Resp: 61755
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

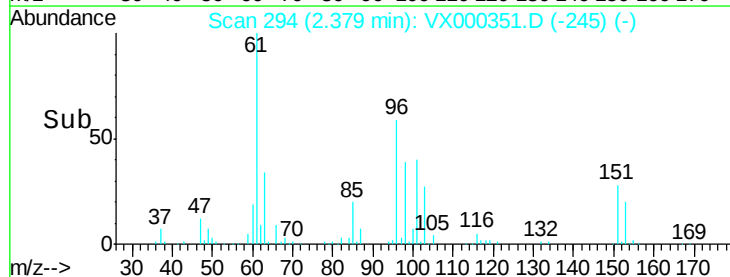
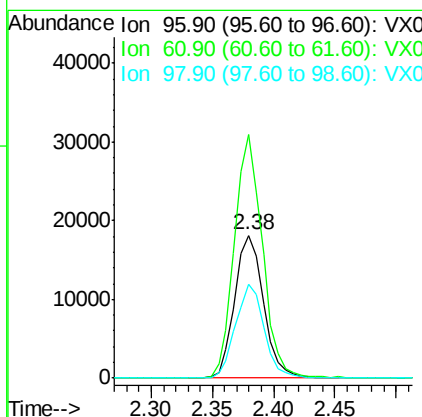
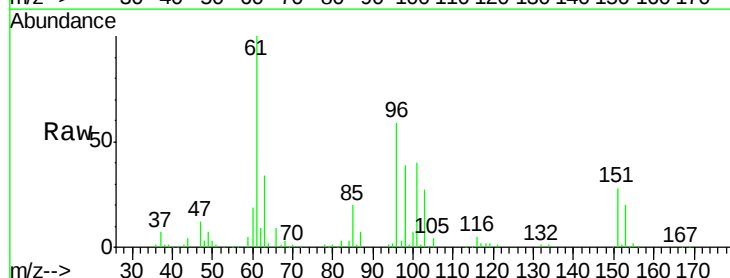
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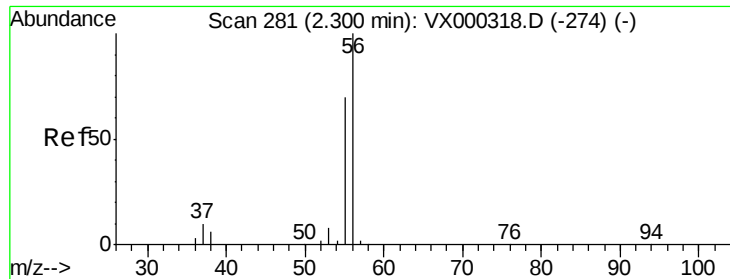
apatel
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#12
1,1-Dichloroethene
Concen: 18.29 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion: 96 Resp: 29537
Ion Ratio Lower Upper
96 100
61 170.4 131.2 196.8
98 65.8 49.8 74.8





#13

Acrolein

Concen: 93.71 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

Tgt Ion: 56 Resp: 26698

Ion Ratio Lower Upper

56 100

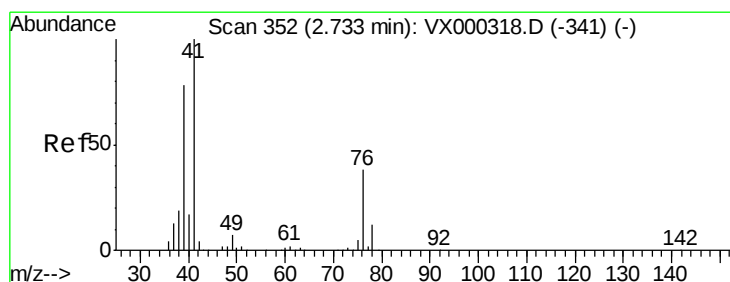
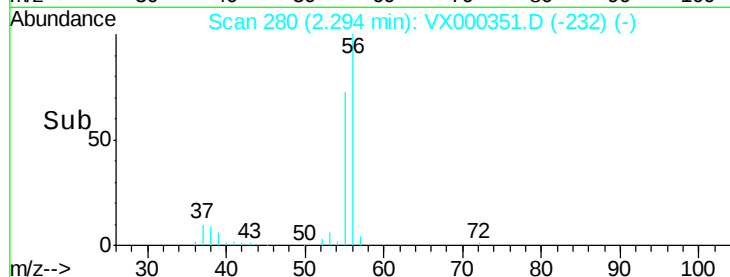
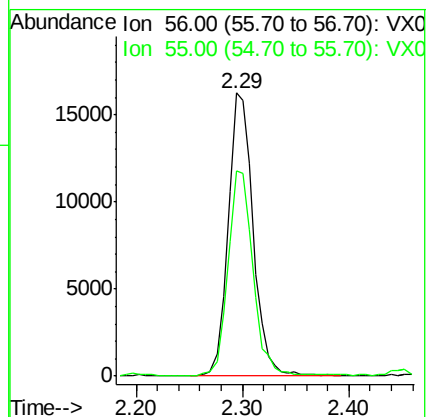
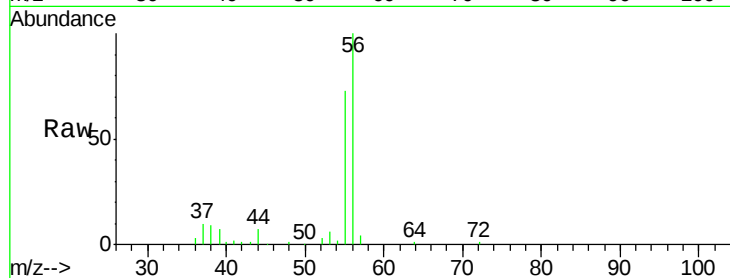
55 72.6 58.8 88.2

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#14

Allyl chloride

Concen: 18.56 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

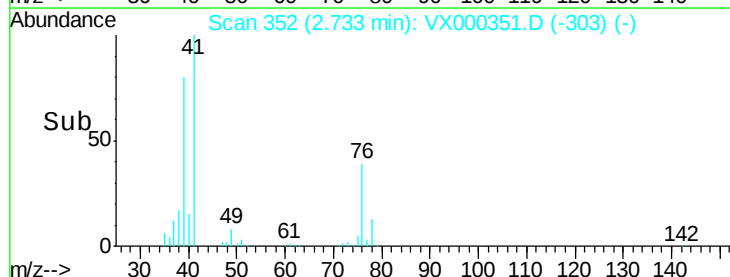
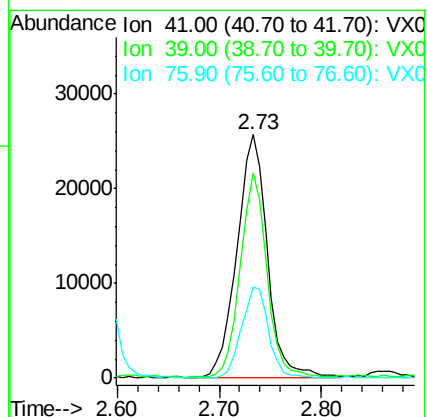
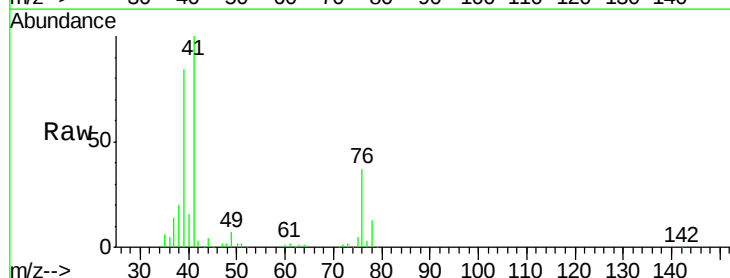
Tgt Ion: 41 Resp: 53432

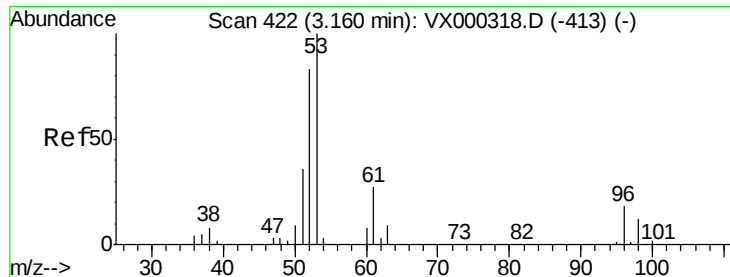
Ion Ratio Lower Upper

41 100

39 72.9 57.6 86.4

76 32.9 27.3 40.9





#15

Acrylonitrile

Concen: 96.23 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

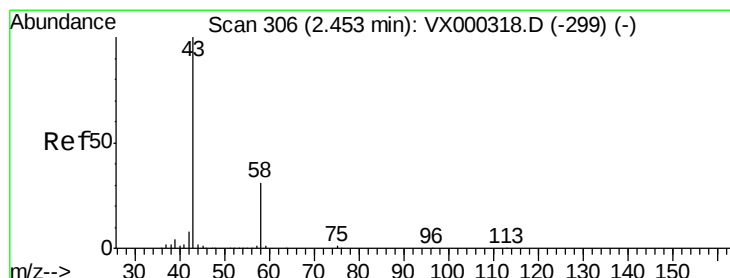
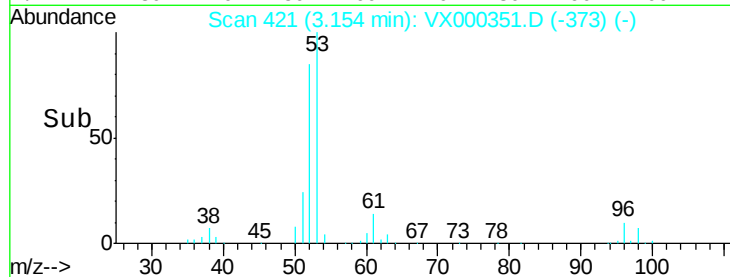
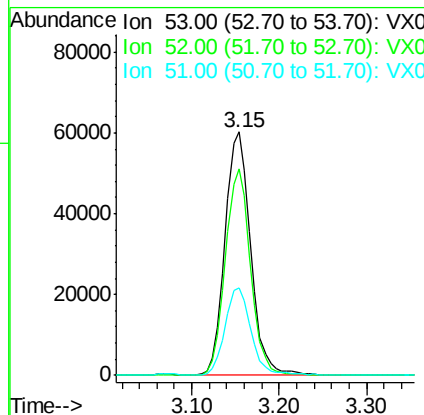
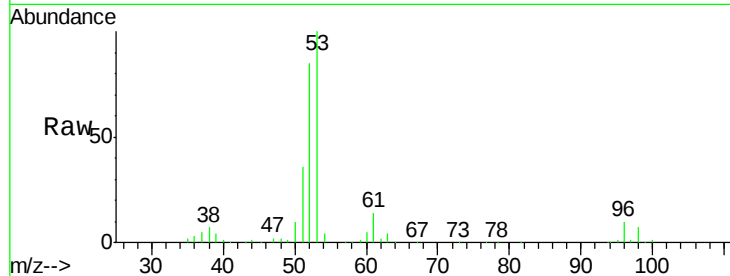
ClientSampleId :

VX0316MBSD01

Tgt Ion:	53	Resp:	122868
Ion Ratio	Lower	Upper	
53	100		
52	83.4	66.6	99.8
51	37.0	29.3	43.9

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#16

Acetone

Concen: 98.56 ug/l

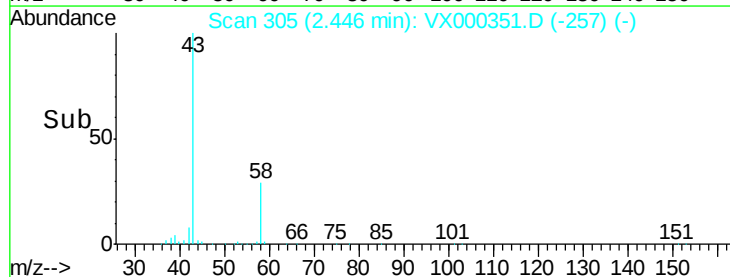
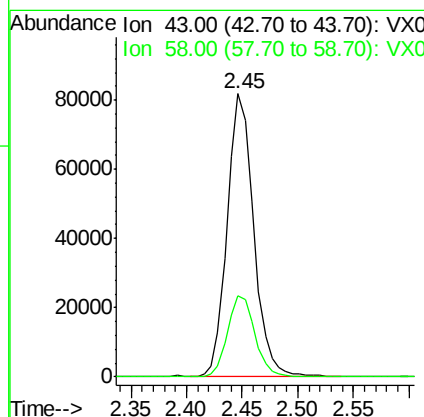
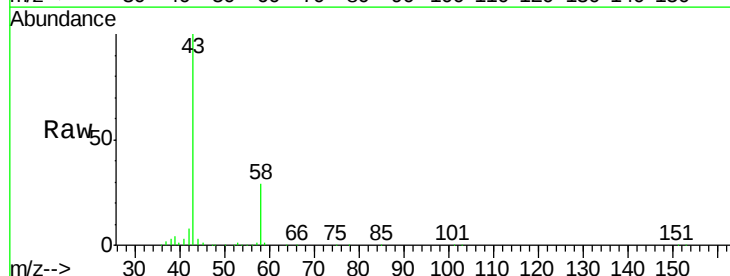
RT: 2.45 min Scan# 305

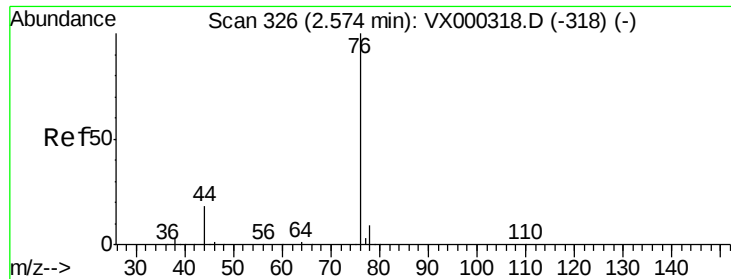
Delta R.T. -0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Tgt Ion:	43	Resp:	134685
Ion Ratio	Lower	Upper	
43	100		
58	28.6	24.7	37.1





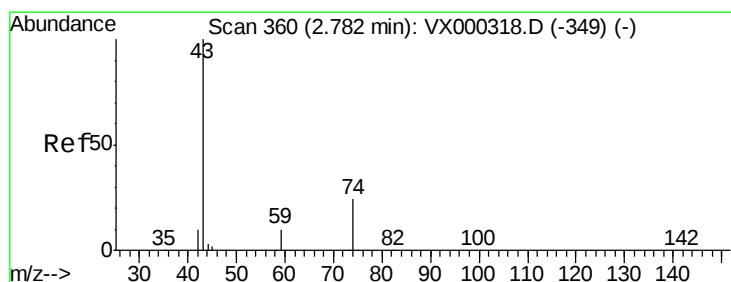
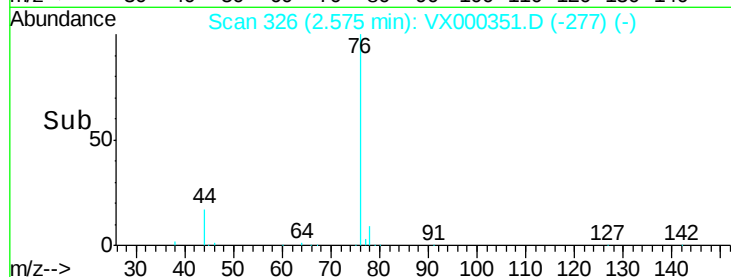
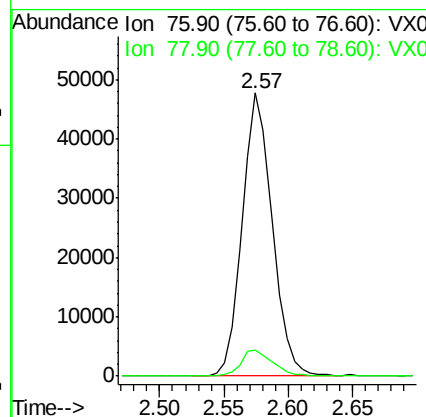
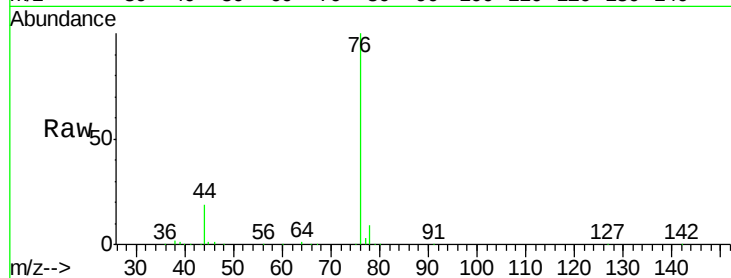
#17
Carbon Disulfide
Concen: 16.33 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

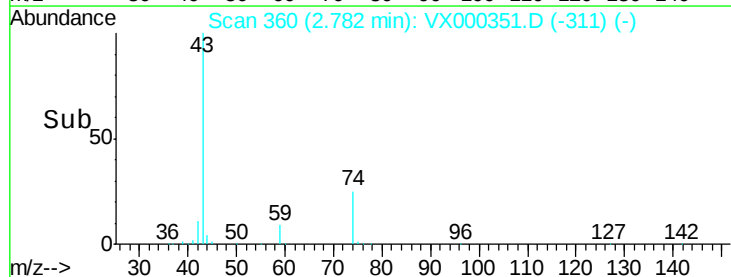
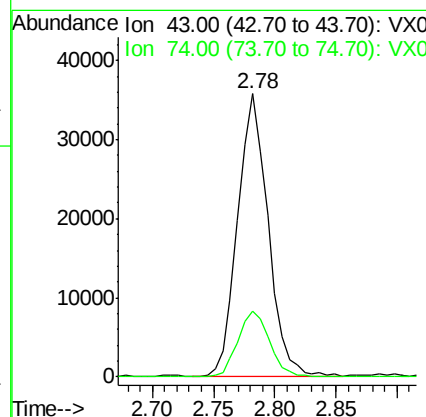
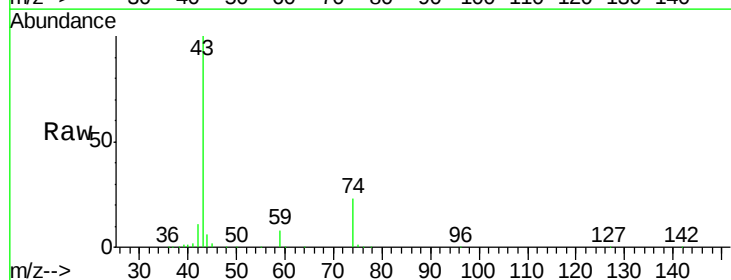
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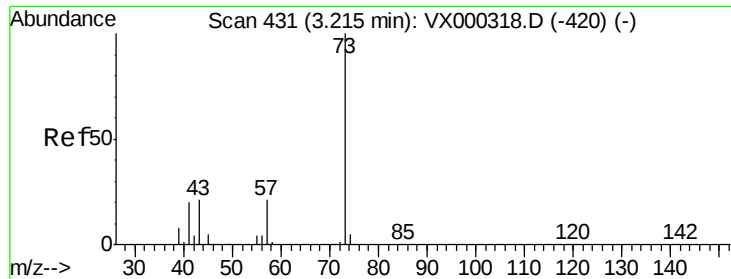
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#18
Methyl Acetate
Concen: 20.08 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.4	29.2





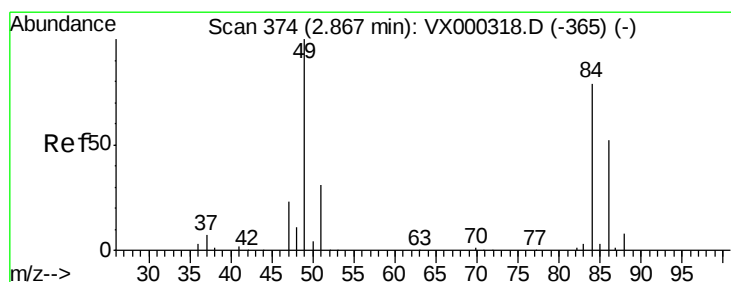
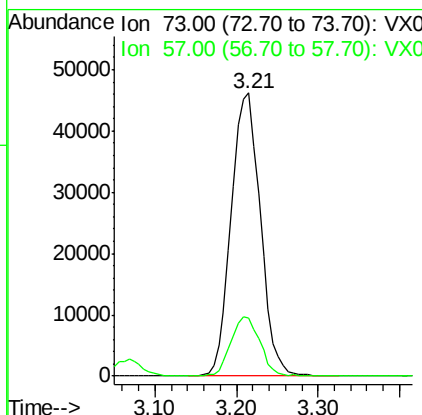
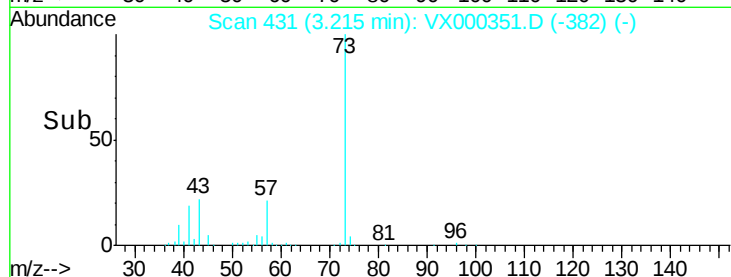
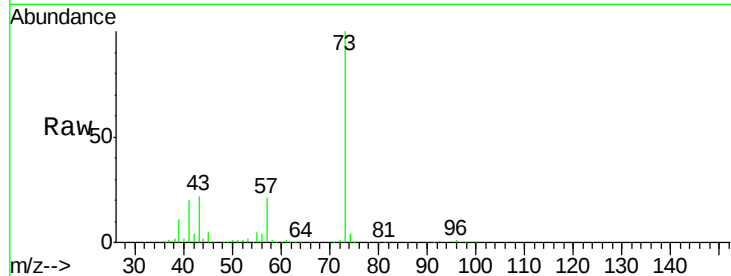
#19
Methyl tert-butyl Ether
Concen: 20.08 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion: 73 Resp: 114136
Ion Ratio Lower Upper
73 100
57 20.7 17.2 25.8

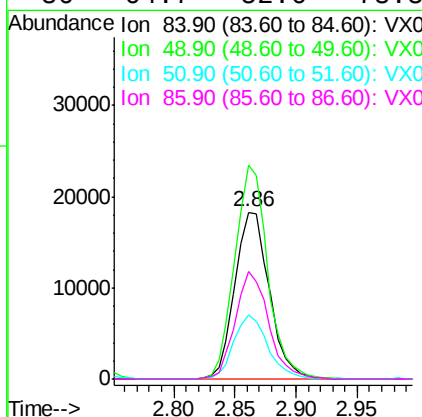
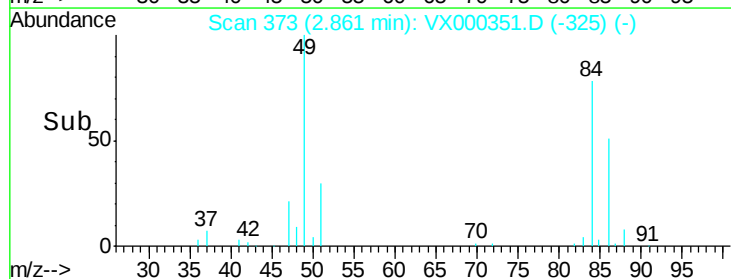
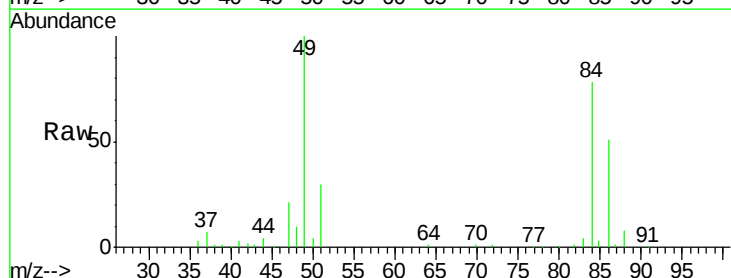
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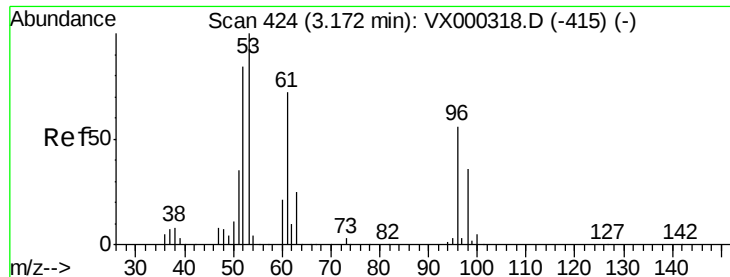
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#20
Methylene Chloride
Concen: 20.21 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion: 84 Resp: 35752
Ion Ratio Lower Upper
84 100
49 128.0 100.6 151.0
51 38.1 31.6 47.4
86 64.7 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 17.59 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

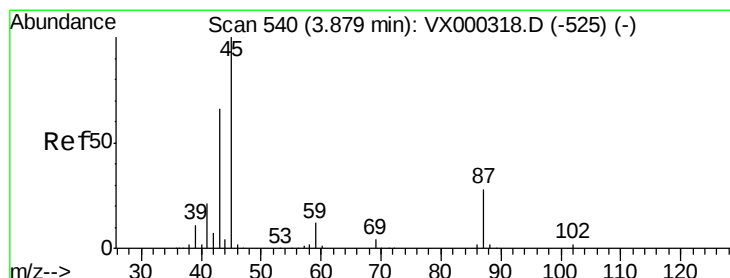
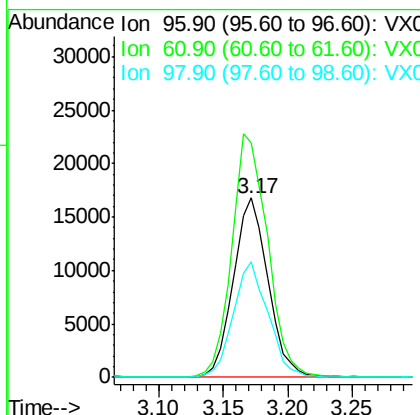
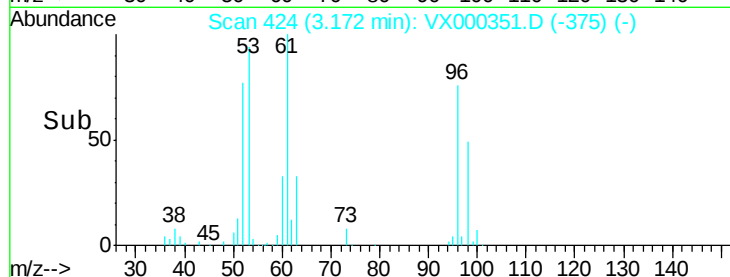
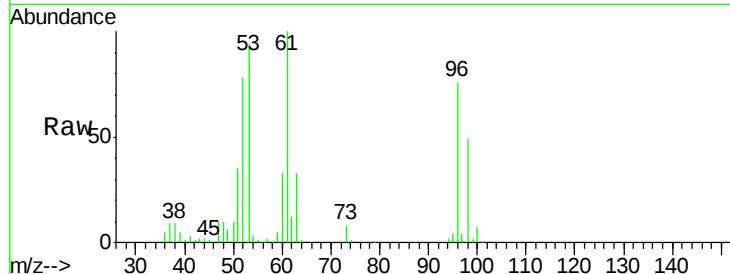
ClientSampleId :

VX0316MBS01

Tgt Ion:	96	Resp:	31401
Ion	Ratio	Lower	Upper
96	100		
61	130.5	104.0	156.0
98	64.6	52.1	78.1

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#22

Diisopropyl ether

Concen: 21.94 ug/l

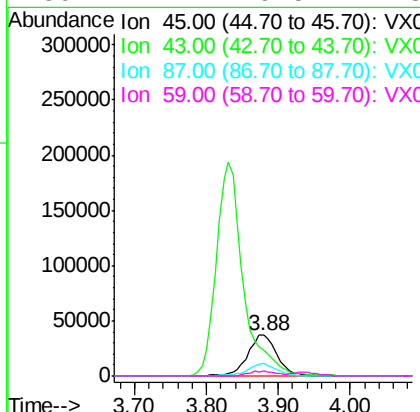
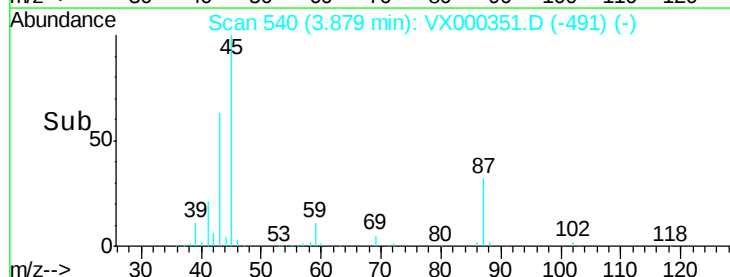
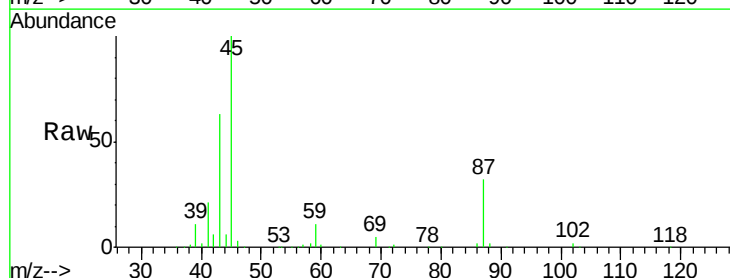
RT: 3.88 min Scan# 540

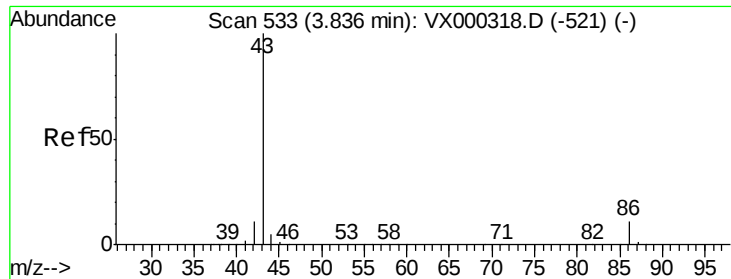
Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Tgt Ion:	45	Resp:	105169
Ion	Ratio	Lower	Upper
45	100		
43	62.6	53.9	80.9
87	32.2	22.6	34.0
59	11.4	9.5	14.3





#23

Vinyl Acetate

Concen: 110.67 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBSD01

Tgt Ion: 43 Resp: 505544

Ion Ratio Lower Upper

43 100

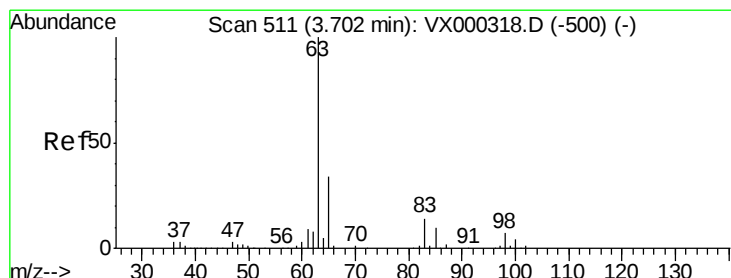
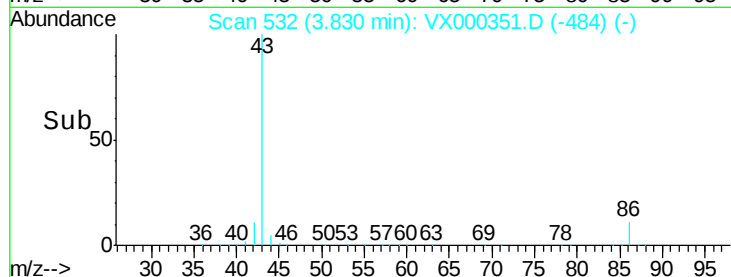
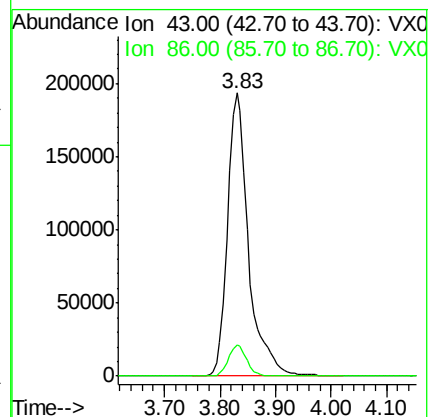
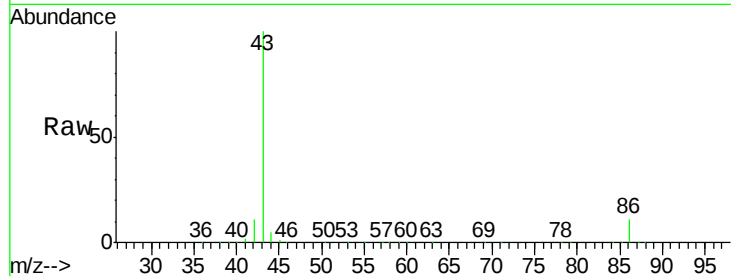
86 10.8 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 19.54 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

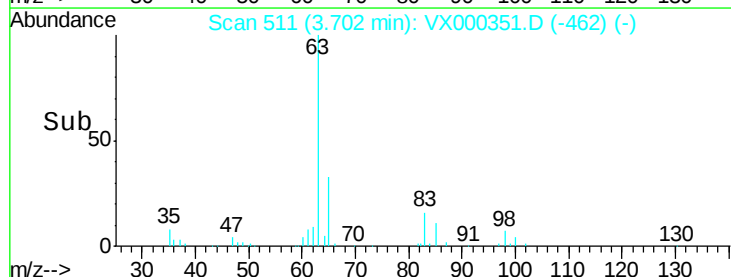
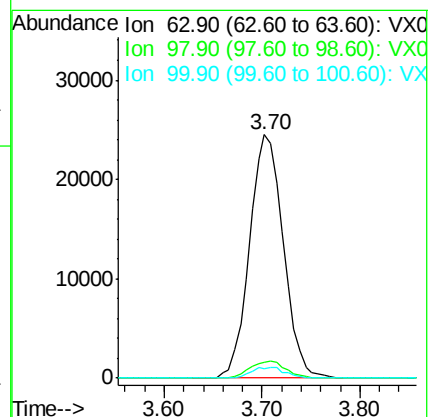
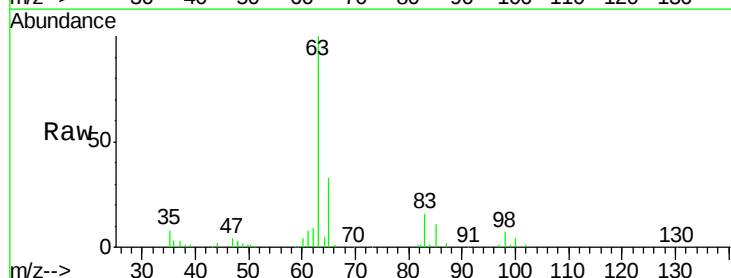
Tgt Ion: 63 Resp: 58900

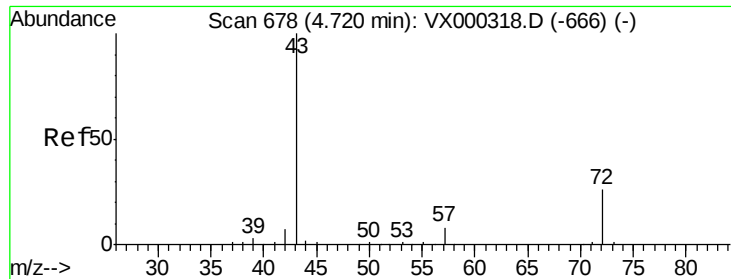
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 3.8 2.0 5.8





#25

2-Butanone

Concen: 103.15 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBSD01

Tgt Ion: 43 Resp: 168470

Ion Ratio Lower Upper

43 100

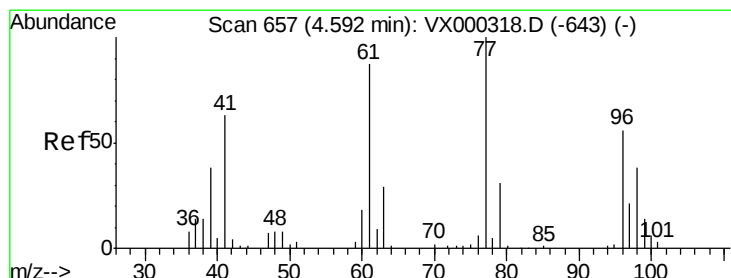
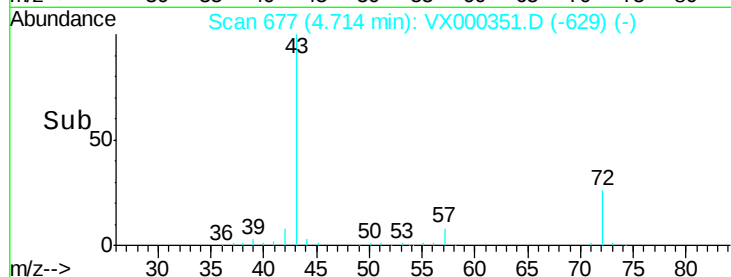
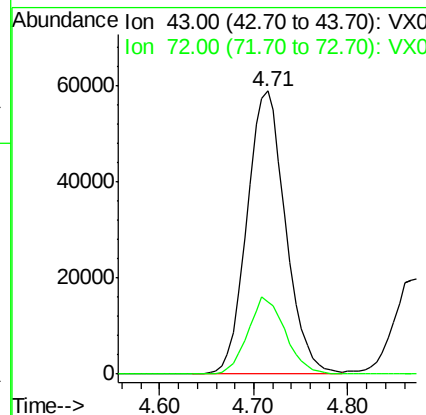
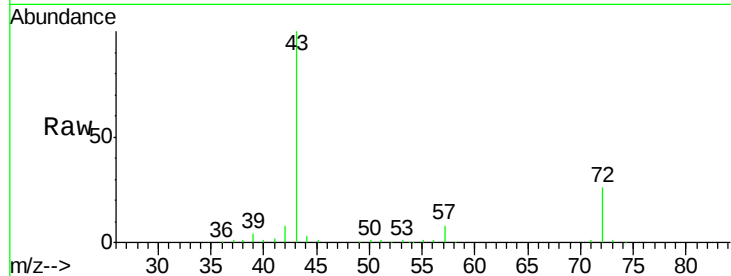
72 25.7 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.52 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000351.D

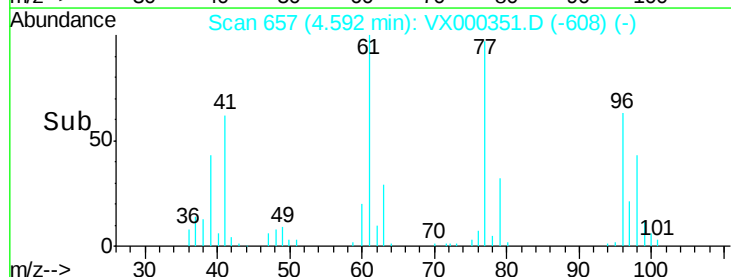
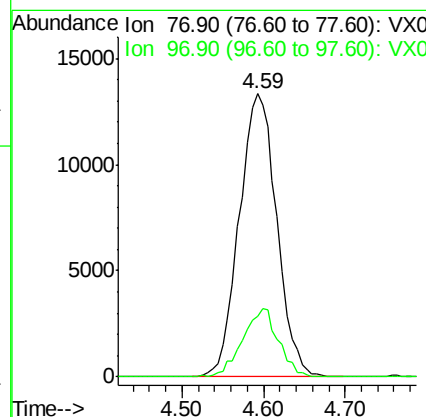
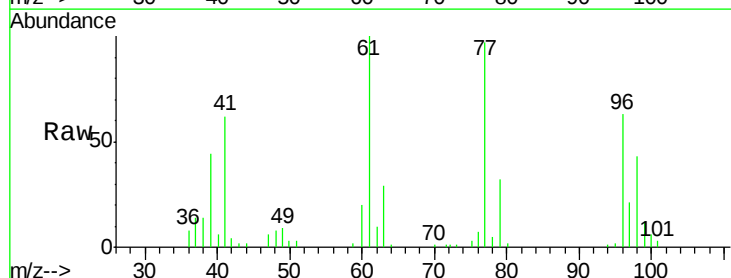
Acq: 16 Mar 2018 17:02

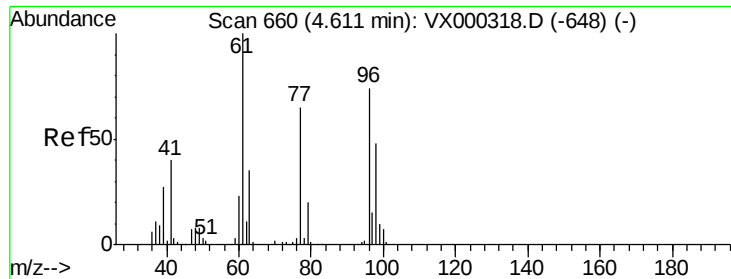
Tgt Ion: 77 Resp: 42474

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.95 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

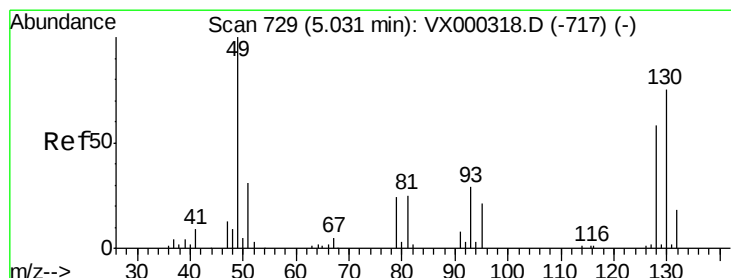
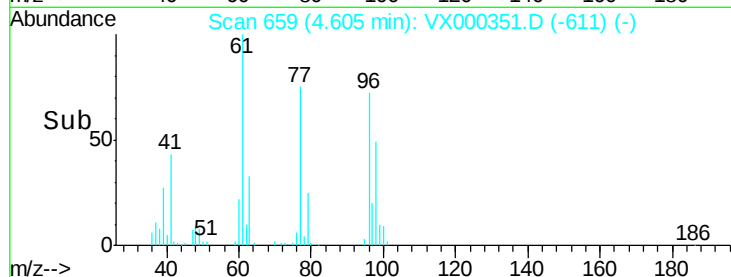
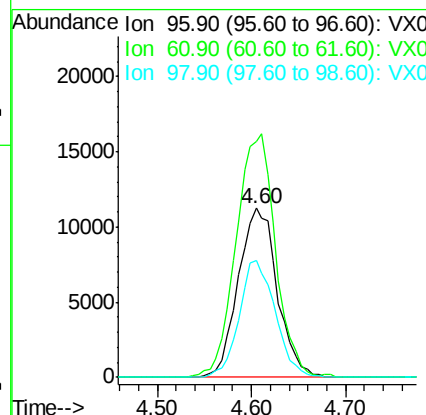
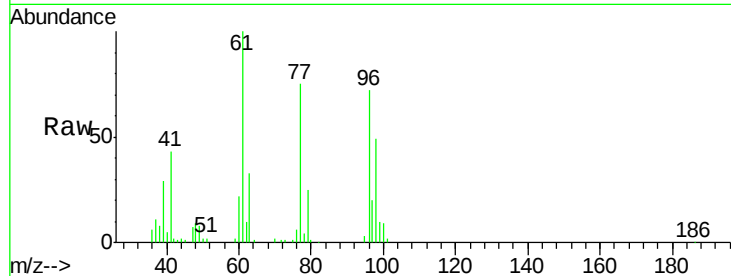
ClientSampleId :

VX0316MBSD01

Tgt Ion:	96	Resp:	32528
Ion	Ratio	Lower	Upper
96	100		
61	144.8	0.0	291.6
98	64.1	0.0	132.0

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#28

Bromochloromethane

Concen: 19.51 ug/l

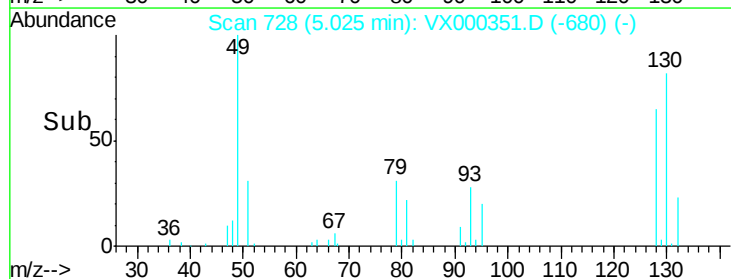
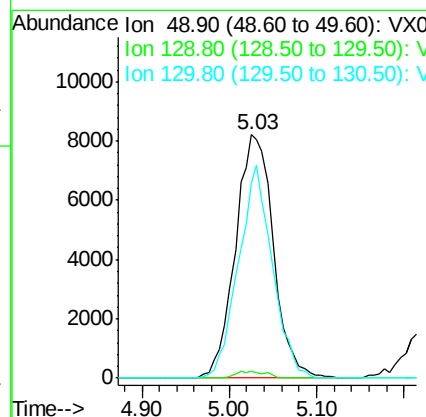
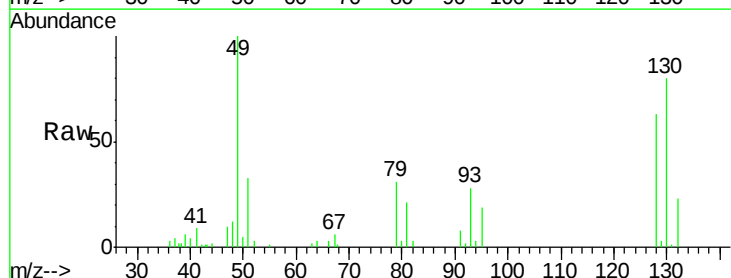
RT: 5.03 min Scan# 728

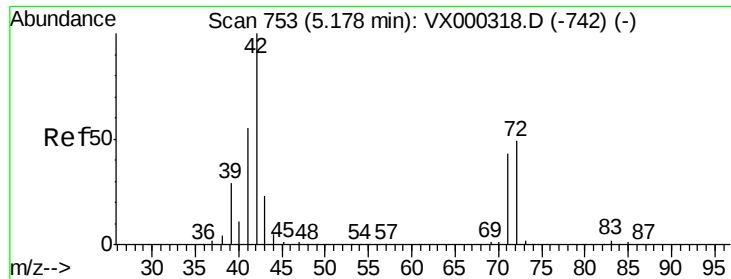
Delta R.T. -0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Tgt Ion:	49	Resp:	24728
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.0
130	78.2	64.0	96.0





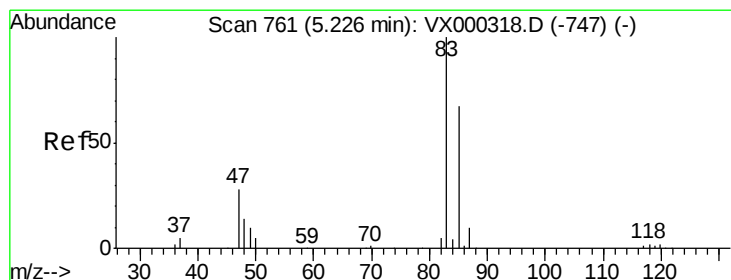
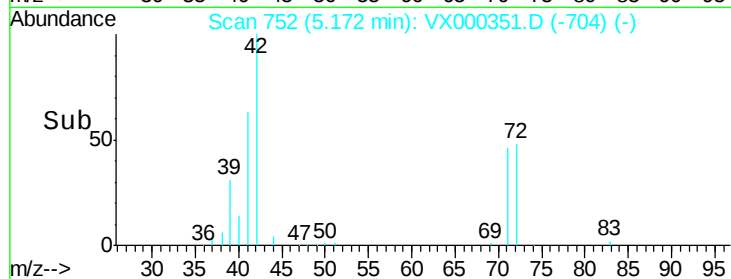
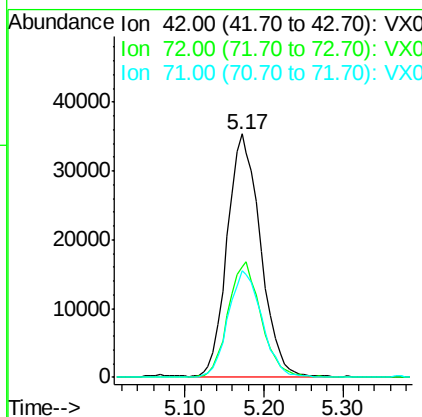
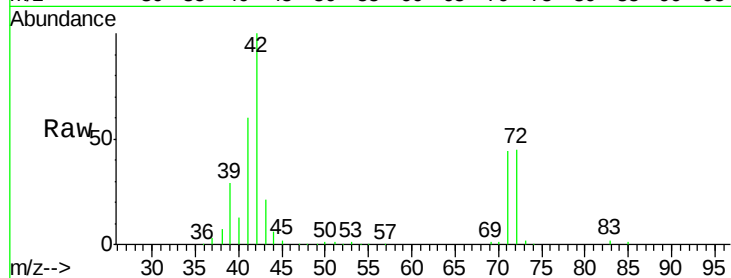
#29
Tetrahydrofuran
Concen: 98.67 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.9	56.9
71	44.2	34.4	51.6

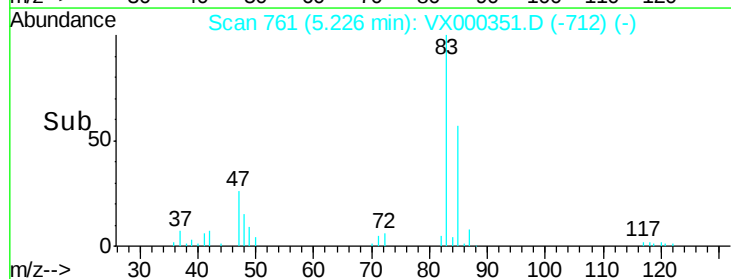
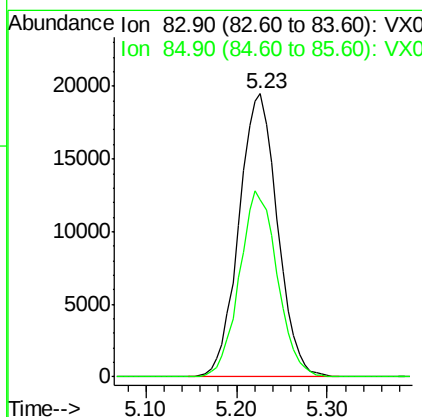
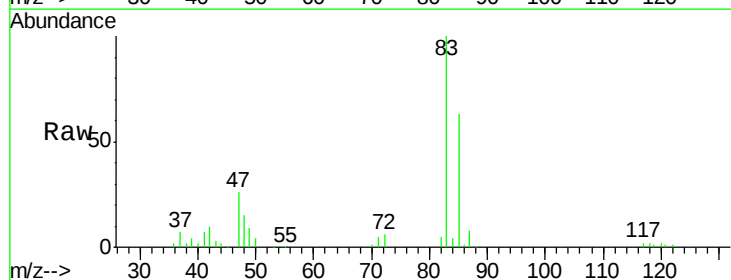
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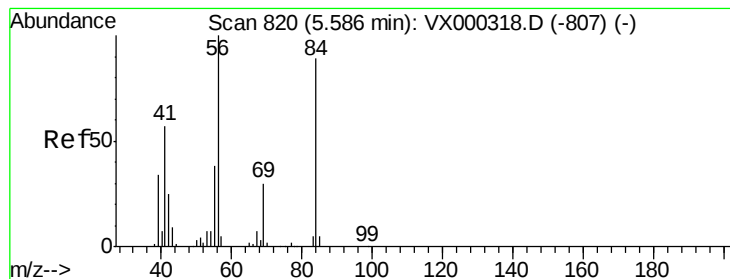
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#30
Chloroform
Concen: 20.13 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	53.3	79.9





#31

Cyclohexane

Concen: 19.51 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

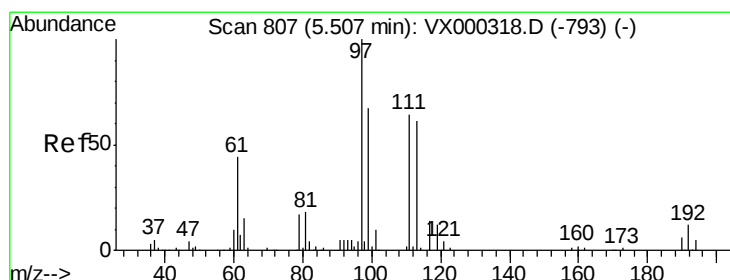
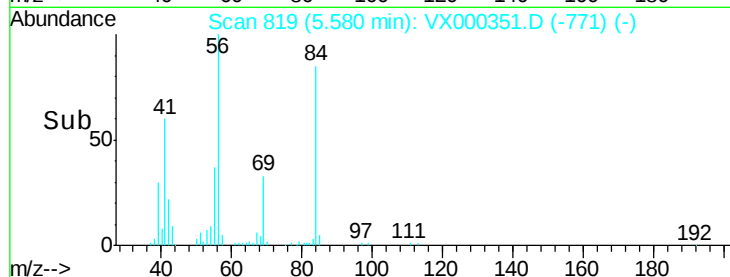
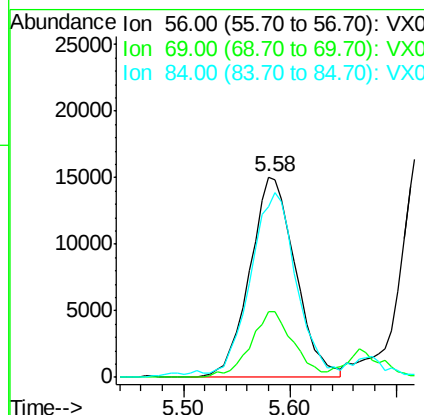
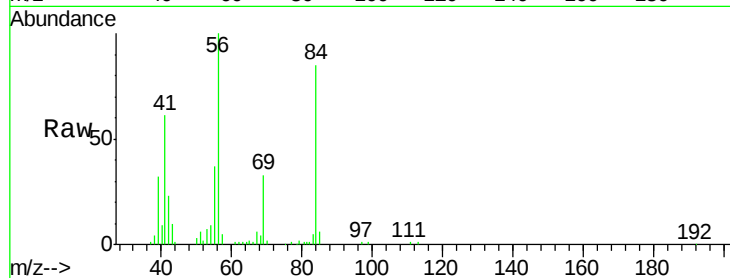
ClientSampleId :

VX0316MBS01

Tgt Ion:	56	Resp:	45139
Ion	Ratio	Lower	Upper
56	100		
69	32.8	23.4	35.0
84	83.0	71.0	106.4

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#32

1,1,1-Trichloroethane

Concen: 20.04 ug/l

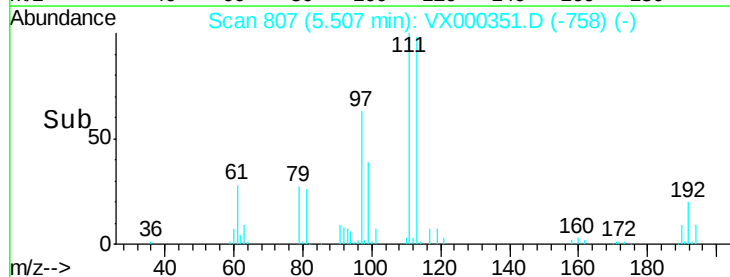
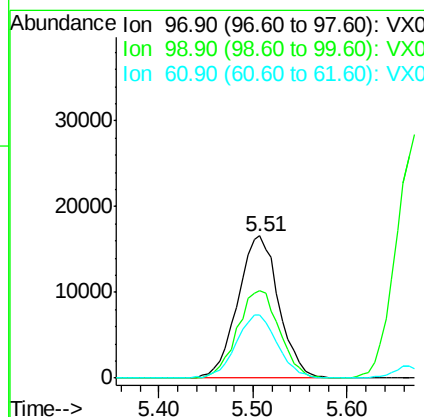
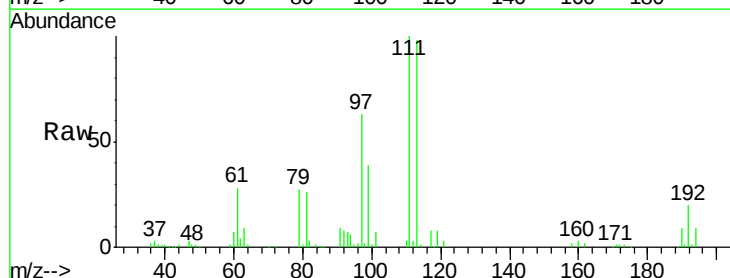
RT: 5.51 min Scan# 807

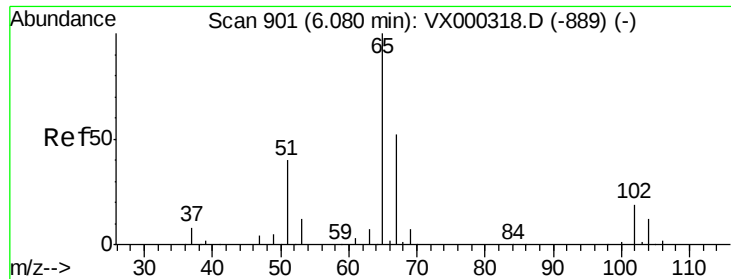
Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Tgt Ion:	97	Resp:	50421
Ion	Ratio	Lower	Upper
97	100		
99	63.0	52.1	78.1
61	45.0	36.2	54.4





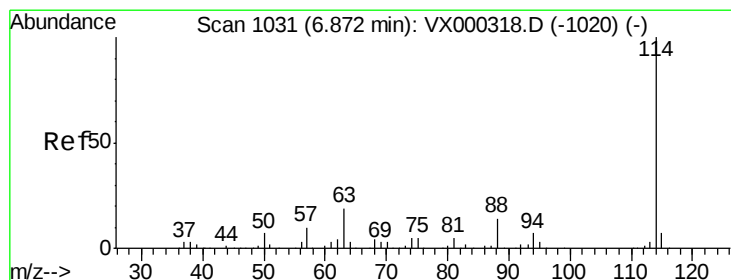
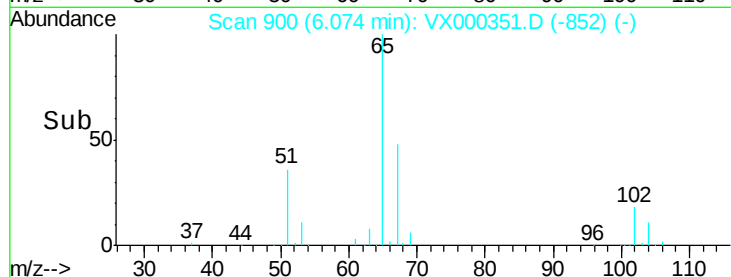
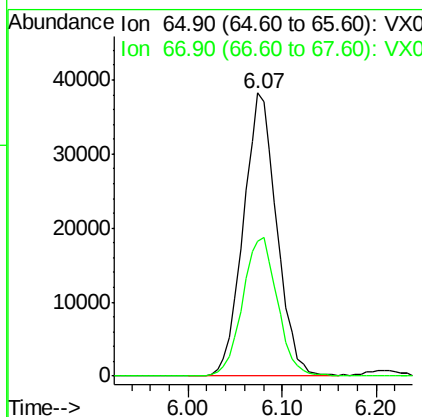
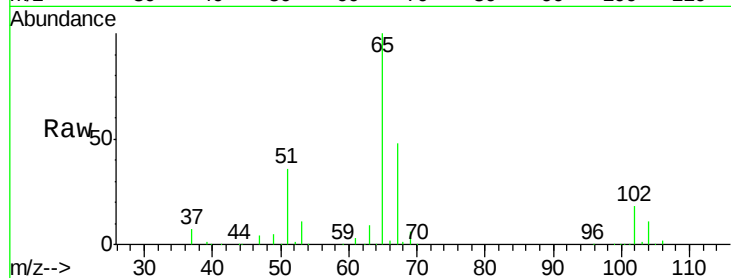
#33
 1,2-Dichloroethane-d4
 Concen: 46.38 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBSD01

Tgt Ion: 65 Resp: 94916
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.2

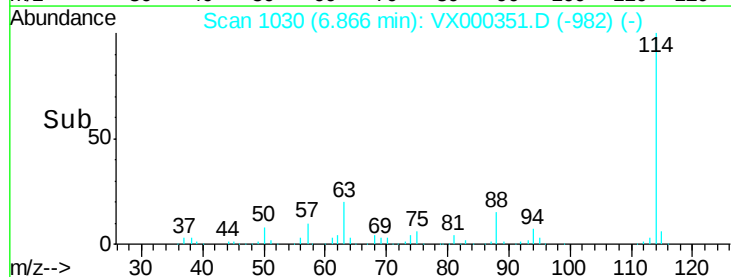
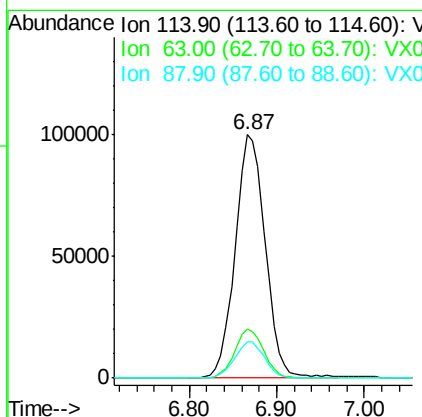
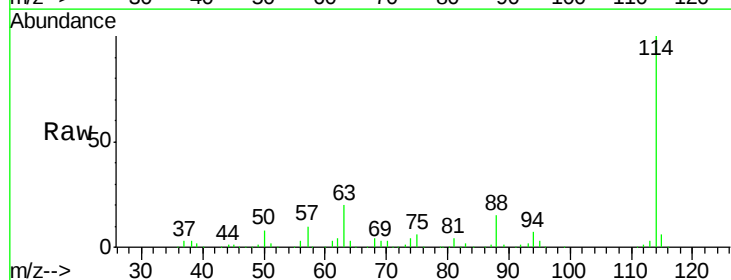
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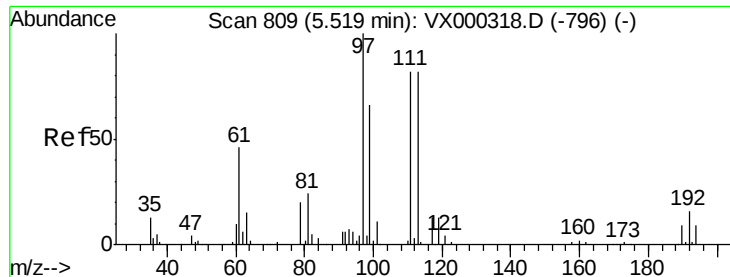
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Tgt Ion: 114 Resp: 239283
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.4
 88 14.6 0.0 27.0





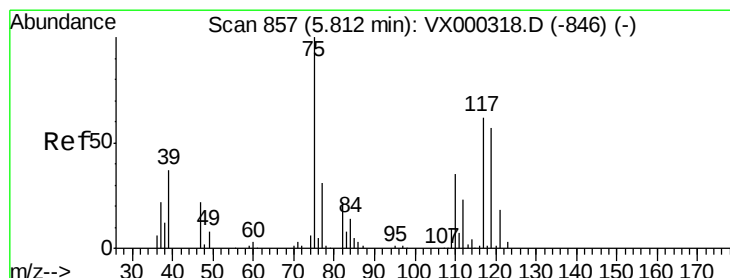
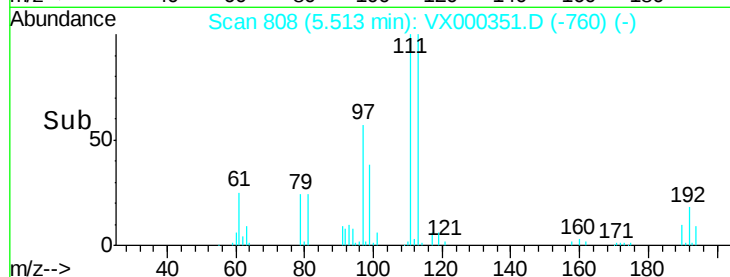
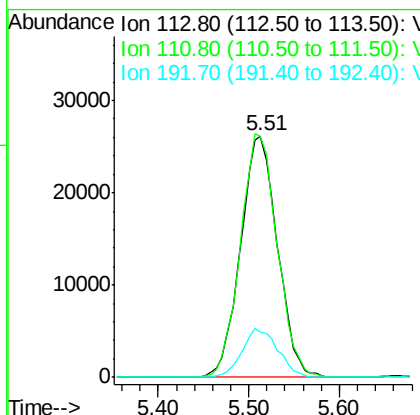
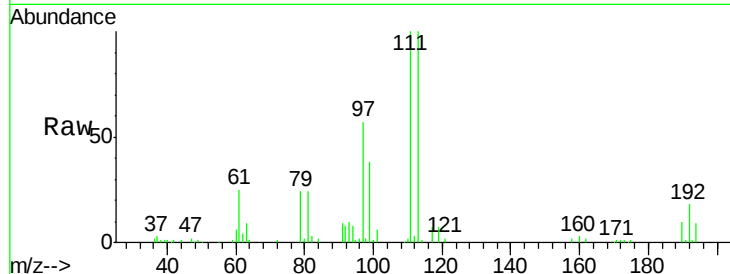
#35
 Dibromofluoromethane
 Concen: 48.73 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	73564		
111	100.7	82.4	123.6	
192	19.6	15.8	23.6	

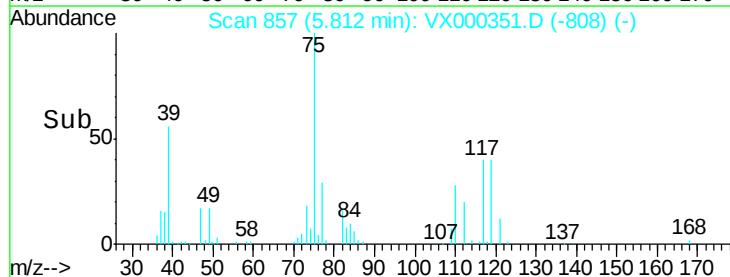
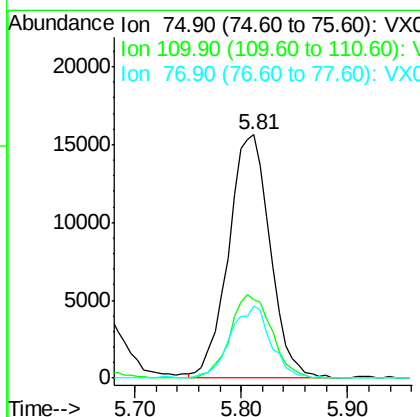
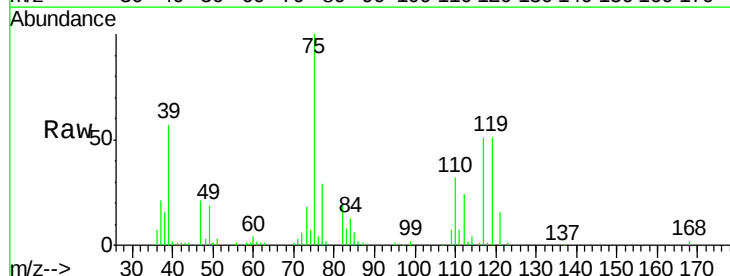
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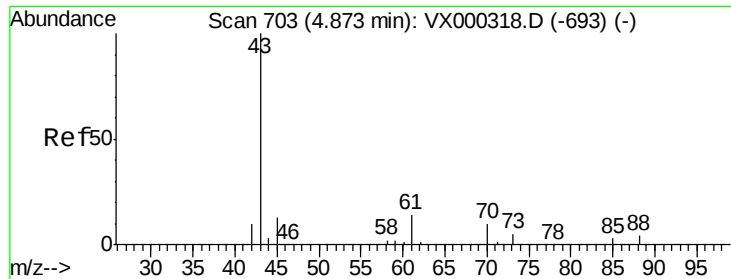
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#36
 1,1-Dichloropropene
 Concen: 19.70 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	42831		
110	34.0	17.9	53.7	
77	28.8	24.0	36.0	





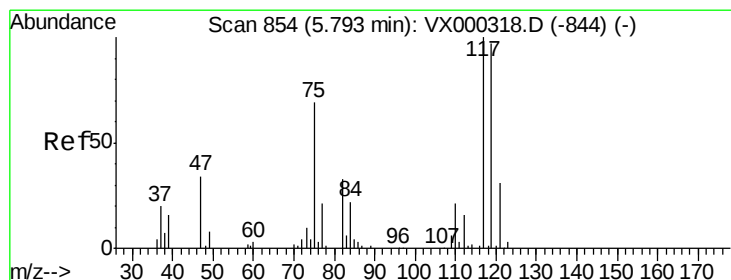
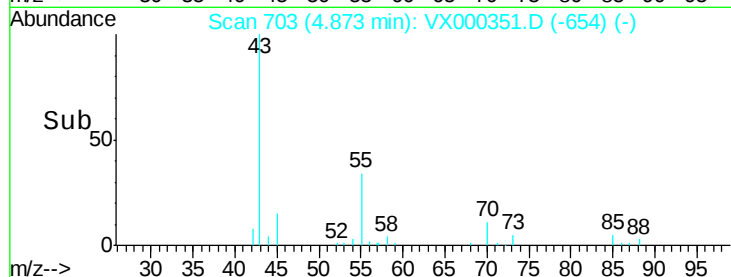
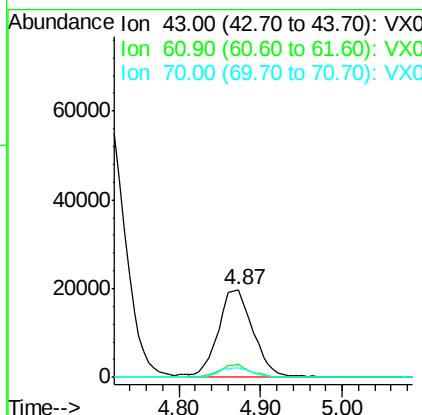
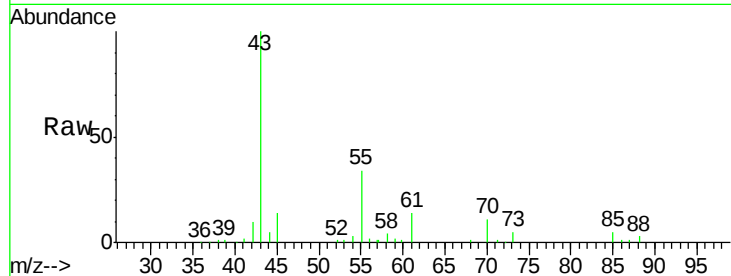
#37
Ethyl Acetate
Concen: 20.05 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.1	16.7
70	10.8	7.7	11.5

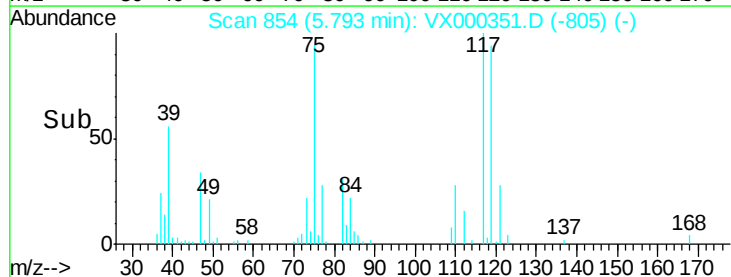
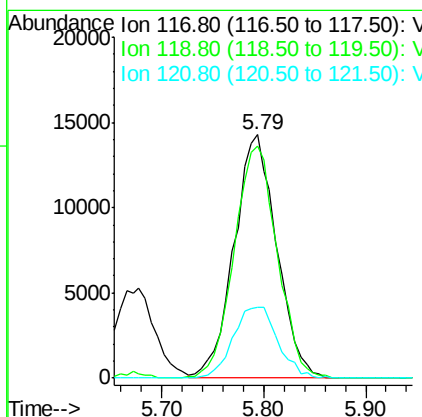
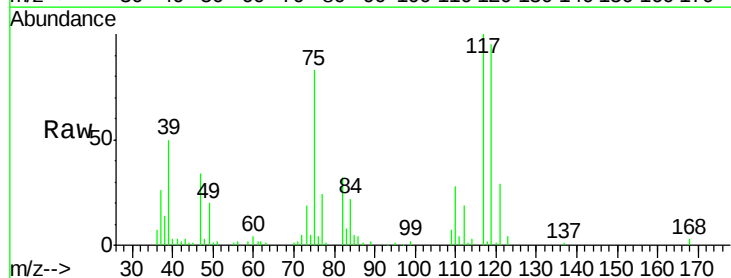
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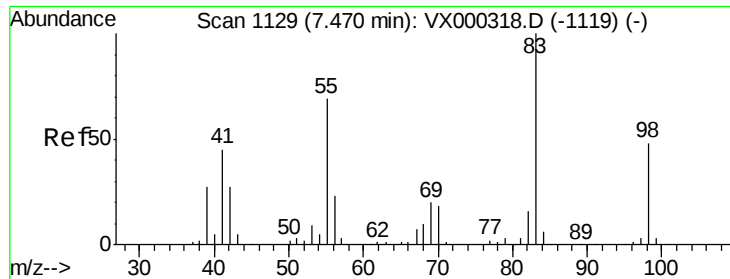
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#38
Carbon Tetrachloride
Concen: 18.95 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.4	116.2
121	29.2	24.8	37.2





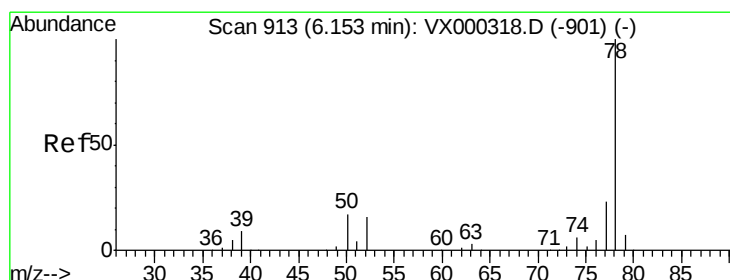
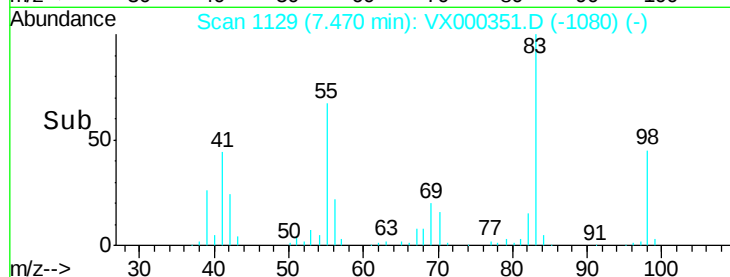
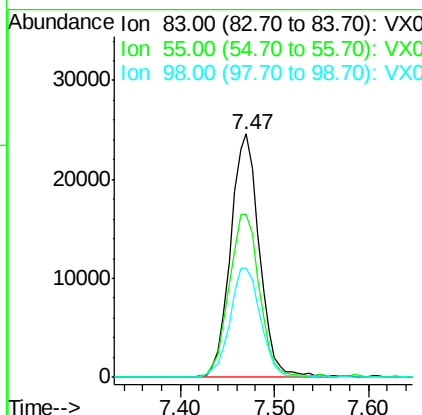
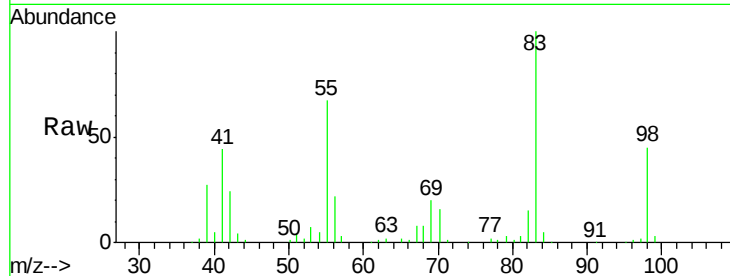
#39
Methylcyclohexane
Concen: 20.69 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	67.0	55.5	83.3
98	44.7	38.2	57.4

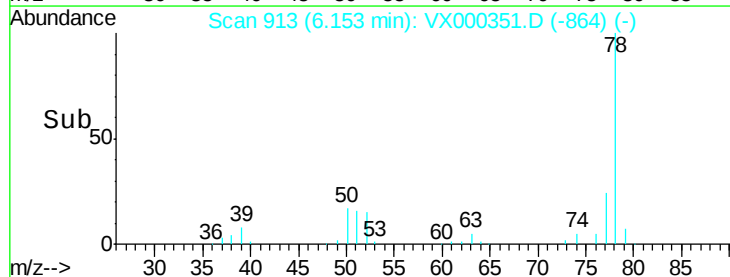
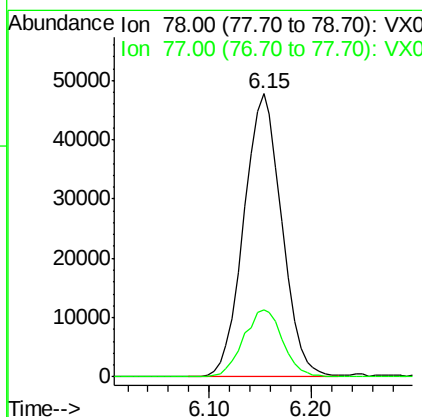
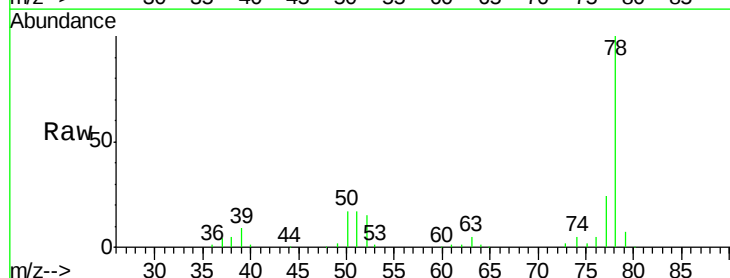
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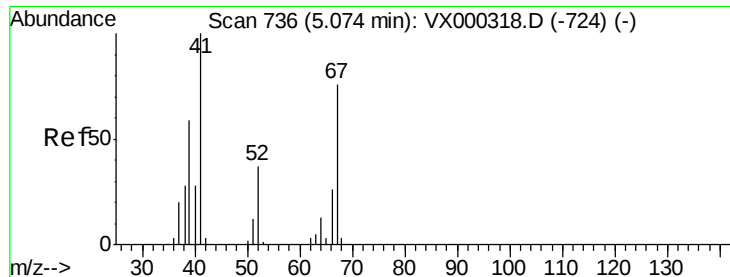
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#40
Benzene
Concen: 20.07 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.7	28.1





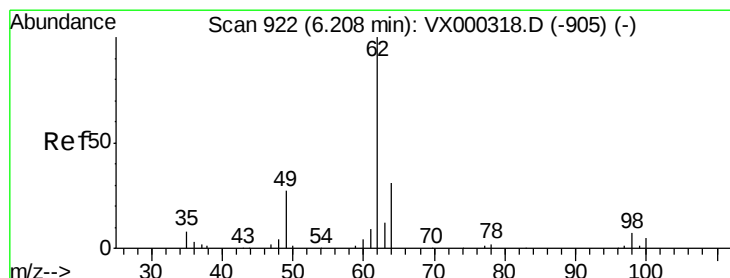
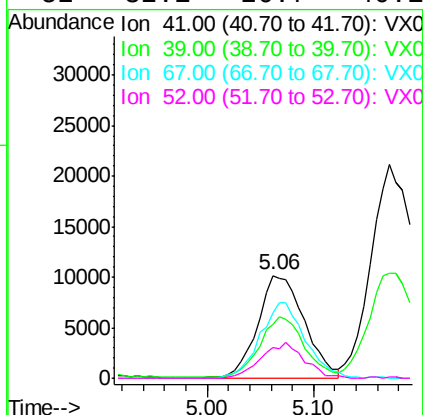
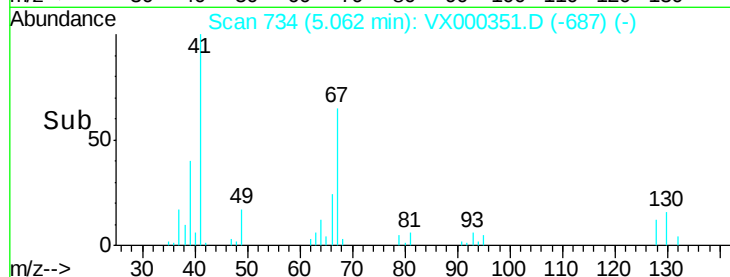
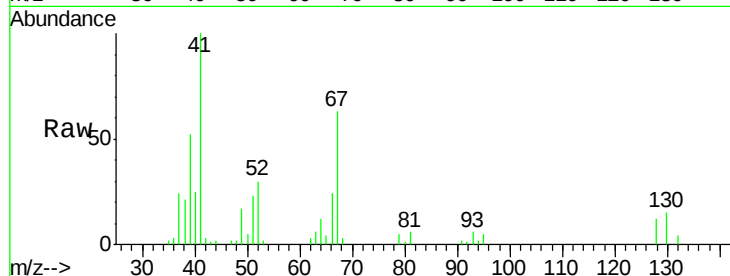
#41
Methacrylonitrile
Concen: 20.44 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.6	45.7	68.5
67	71.4	57.8	86.8
52	32.1	26.7	40.1

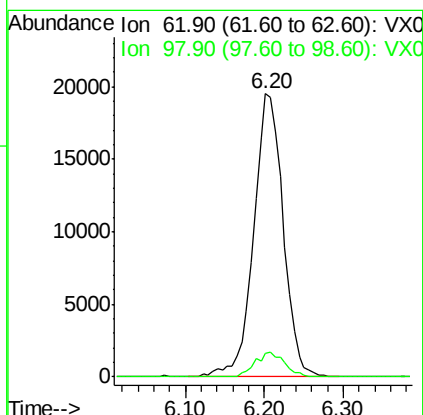
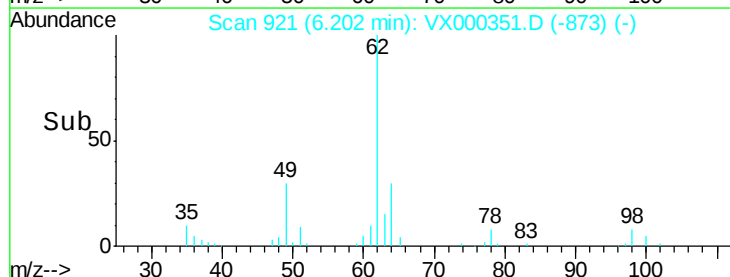
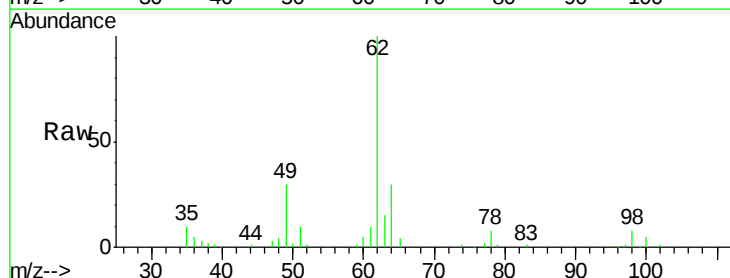
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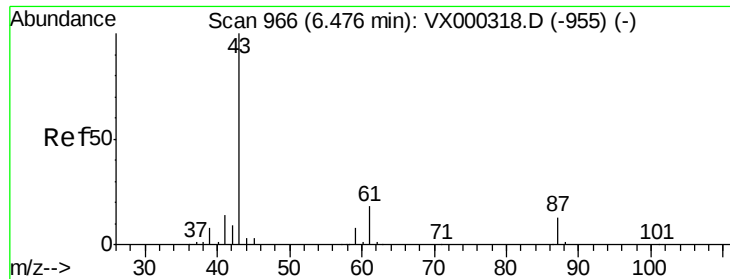
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#42
1,2-Dichloroethane
Concen: 20.72 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	15.8





#43

Isopropyl Acetate

Concen: 21.15 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

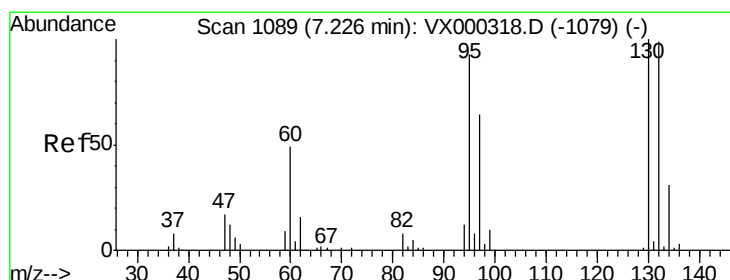
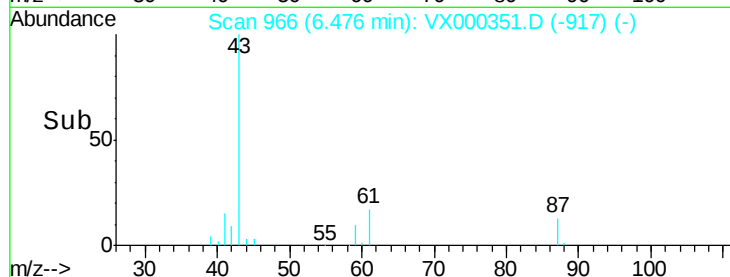
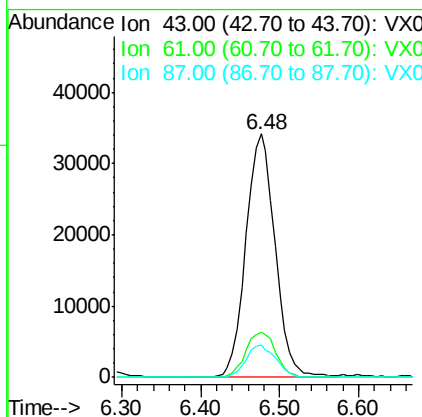
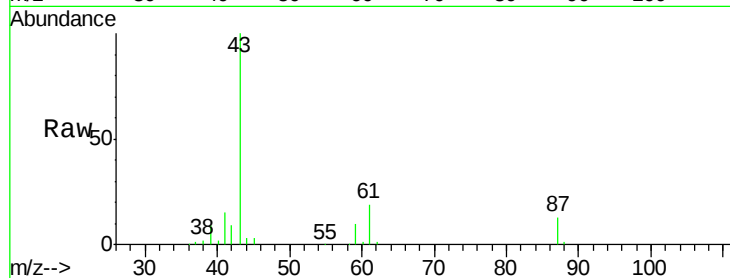
ClientSampleId :

VX0316MBSD01

Tgt Ion:	43	Resp:	88213
Ion Ratio	Lower	Upper	
43	100		
61	19.0	14.4	21.6
87	13.2	11.0	16.4

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#44

Trichloroethene

Concen: 19.91 ug/l

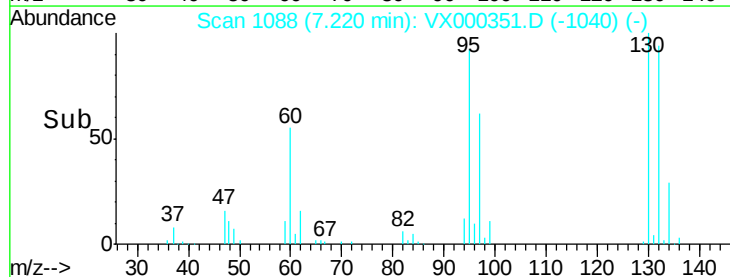
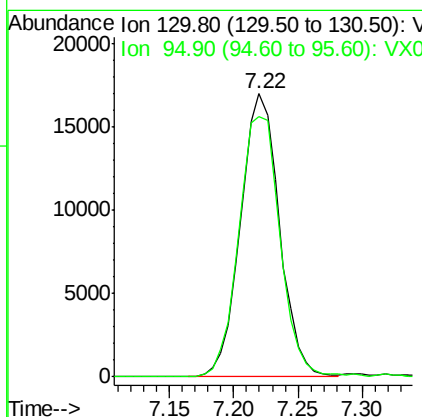
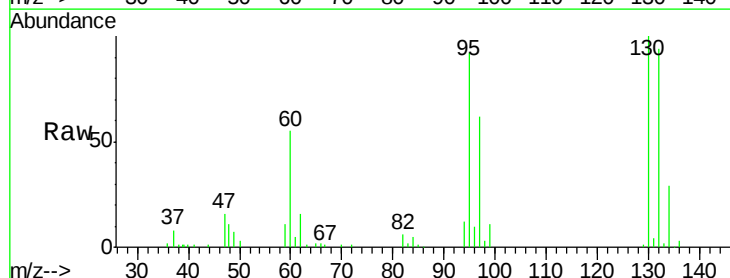
RT: 7.22 min Scan# 1088

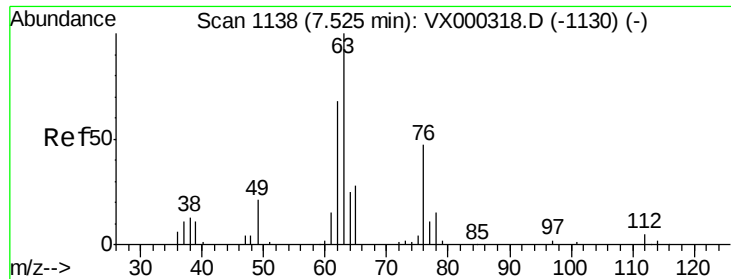
Delta R.T. -0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Tgt Ion:	130	Resp:	35577
Ion Ratio	Lower	Upper	
130	100		
95	91.9	0.0	186.0





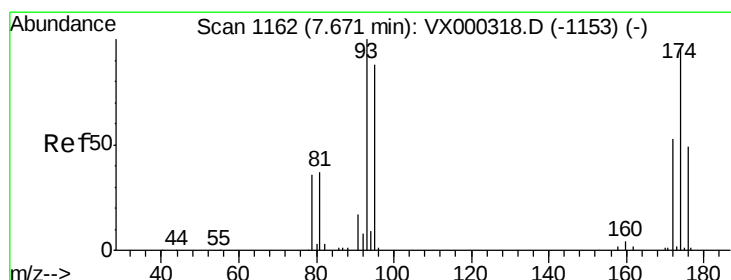
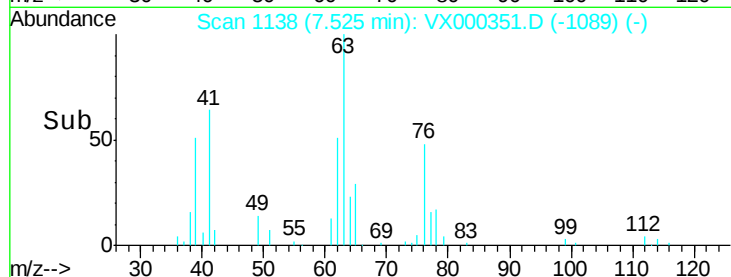
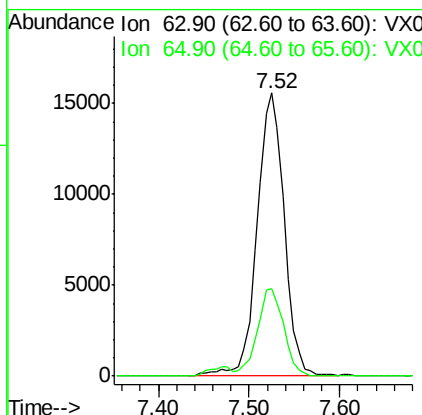
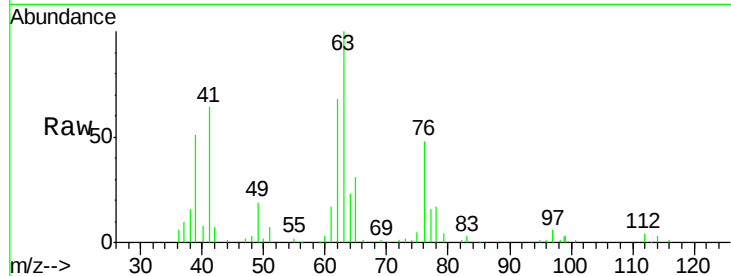
#45
 1,2-Dichloropropane
 Concen: 21.14 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBSD01

Tgt Ion: 63 Resp: 32161
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 36.8

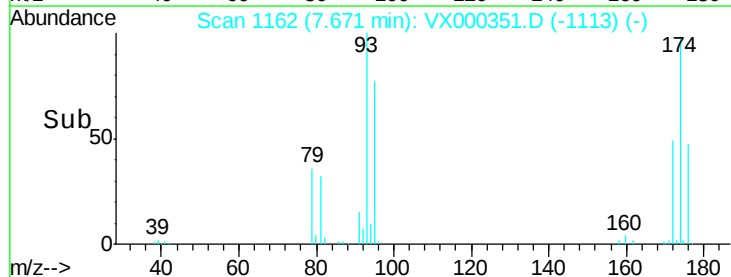
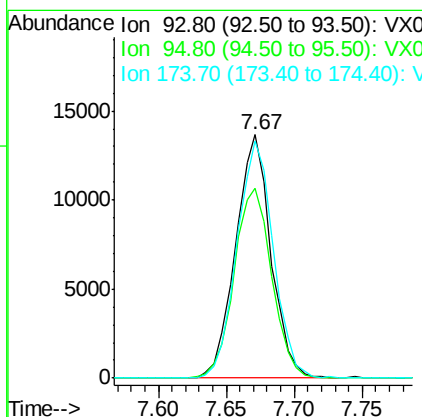
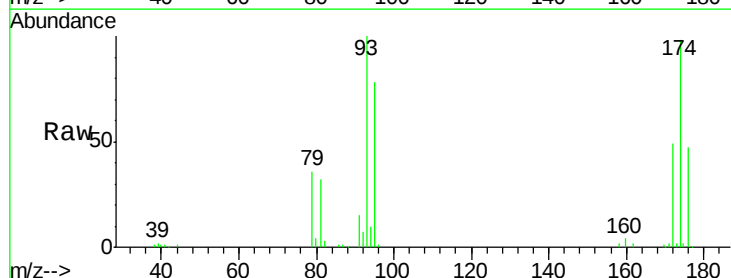
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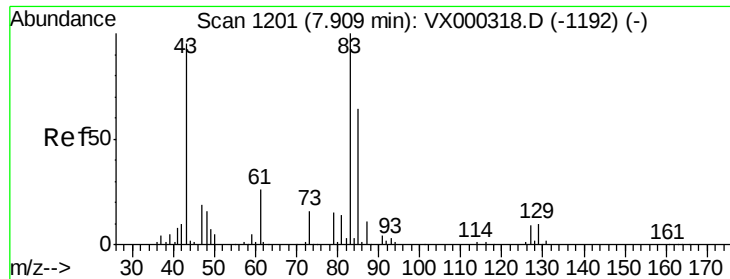
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#46
 Dibromomethane
 Concen: 20.22 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Tgt Ion: 93 Resp: 24715
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.5 99.7
 174 100.7 76.0 114.0





#47

Bromodichloromethane

Concen: 20.28 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

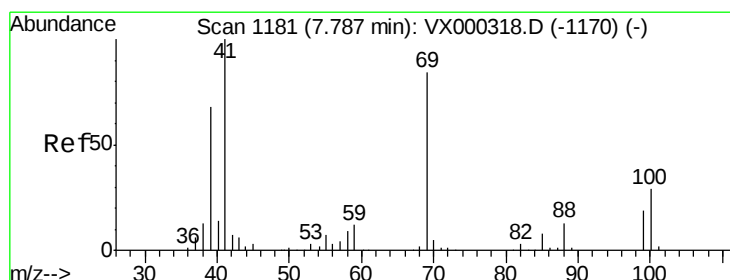
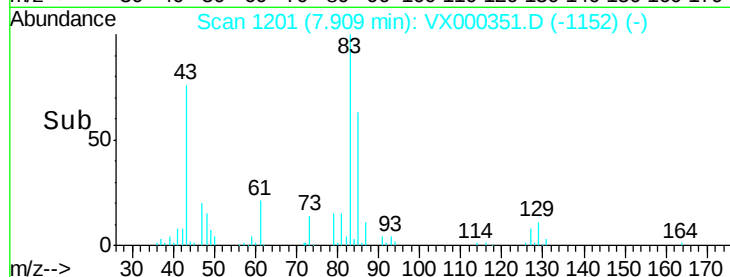
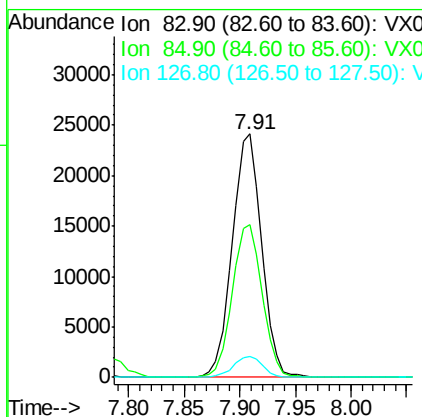
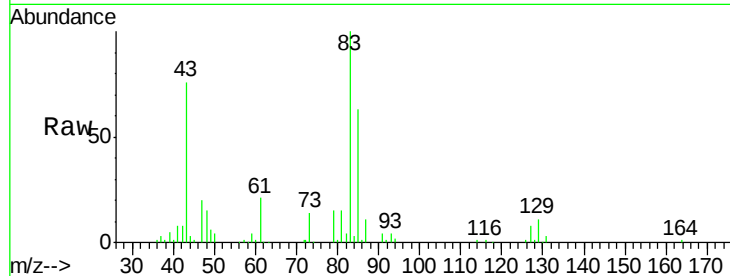
ClientSampleId :

VX0316MBS01

Tgt Ion:	83	Resp:	43995
Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.4	77.0
127	8.4	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.09 ug/l

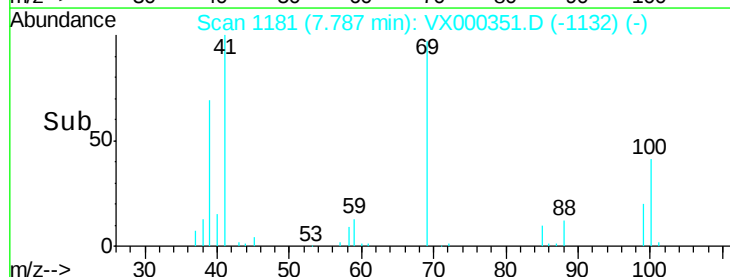
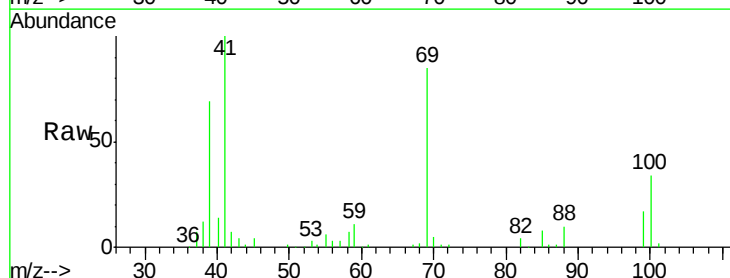
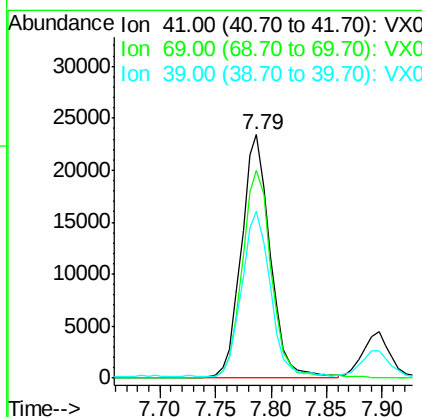
RT: 7.79 min Scan# 1181

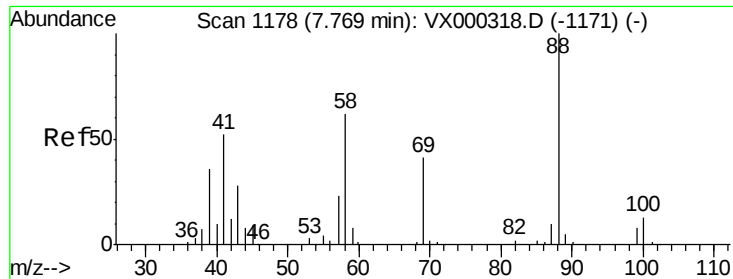
Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Tgt Ion:	41	Resp:	42362
Ion	Ratio	Lower	Upper
41	100		
69	86.4	68.2	102.4
39	67.1	54.6	81.8





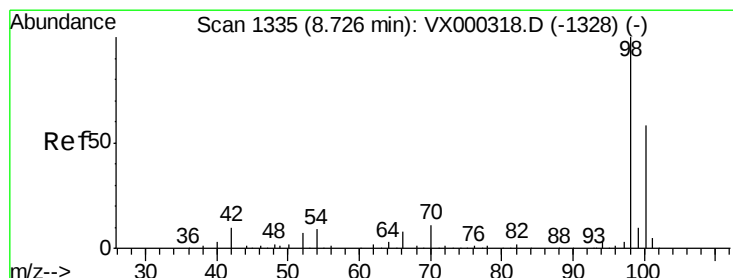
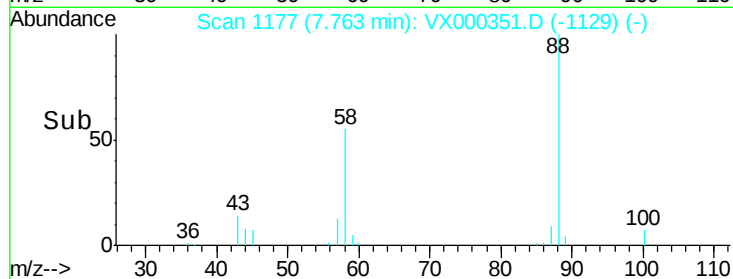
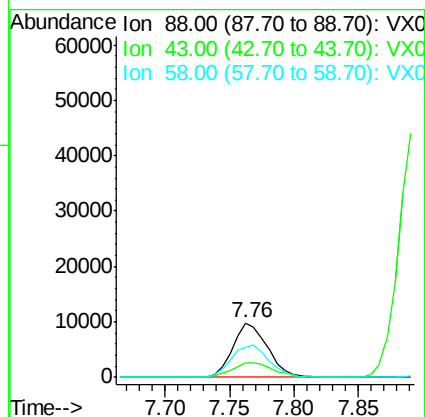
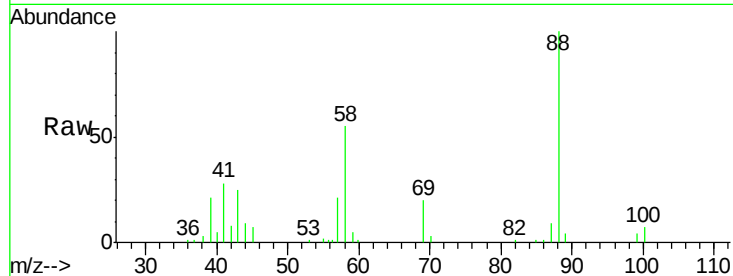
#49
1,4-Dioxane
Concen: 389.62 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	18485		
43	32.1	26.8	40.2	
58	63.7	52.2	78.2	

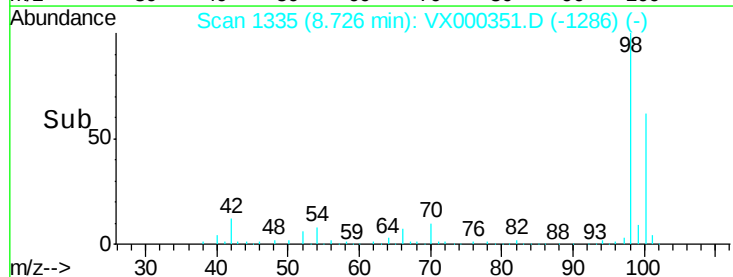
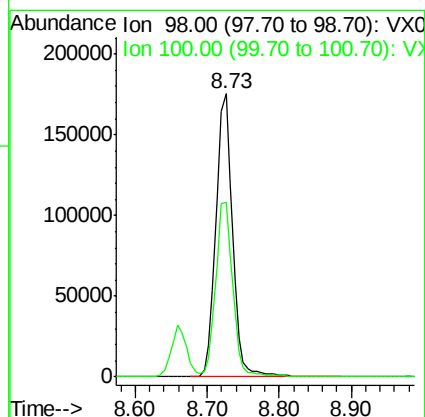
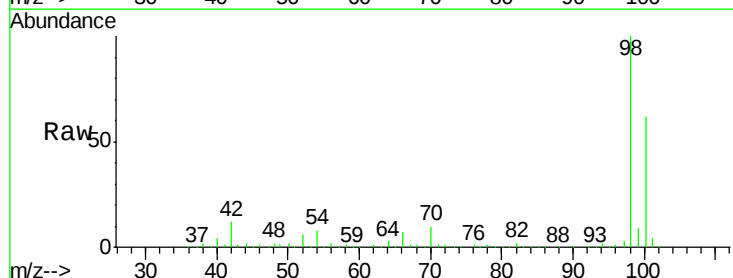
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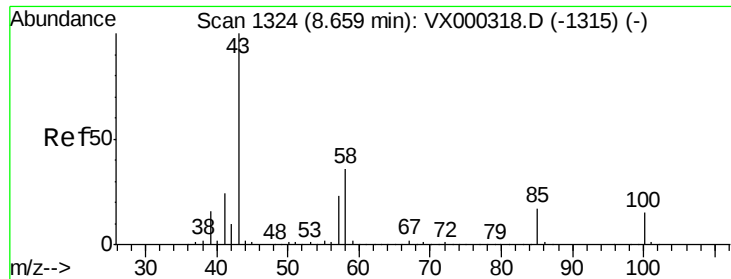
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#50
Toluene-d8
Concen: 44.51 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	280300		
100	63.7	51.2	76.8	





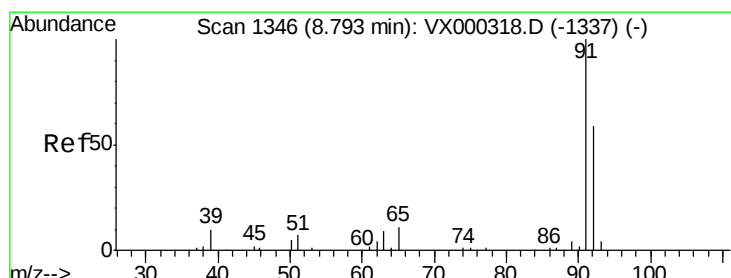
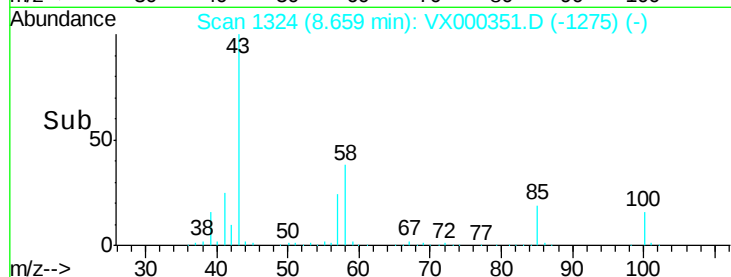
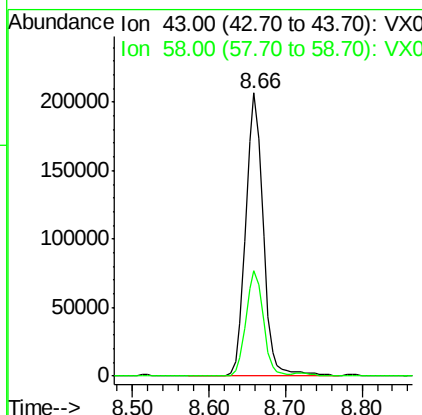
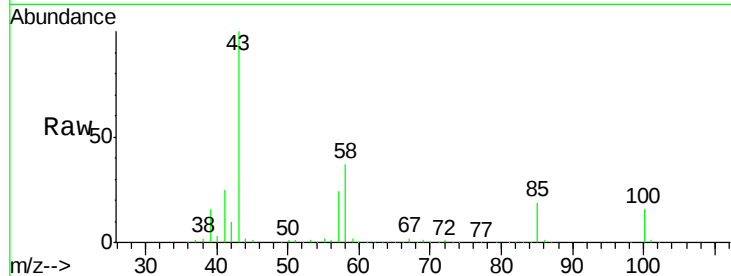
#51
4-Methyl-2-Pentanone
Concen: 101.74 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.8	30.3	45.5

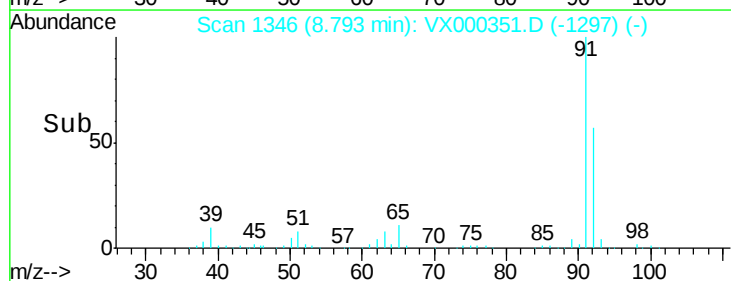
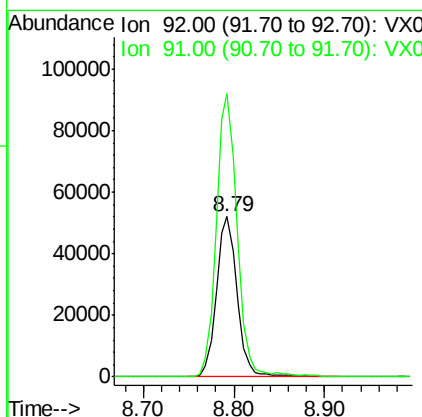
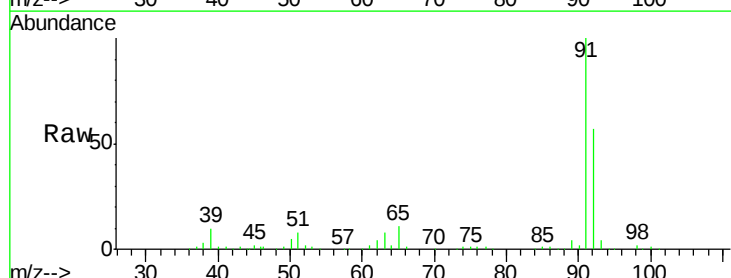
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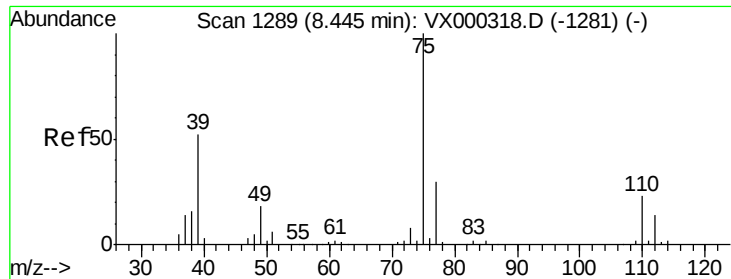
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#52
Toluene
Concen: 19.34 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion	Ratio	Lower	Upper
92	100		
91	177.2	140.2	210.2





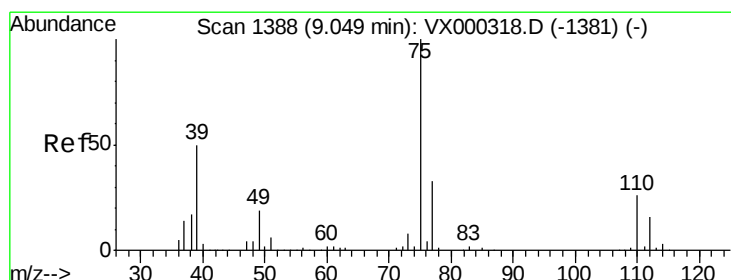
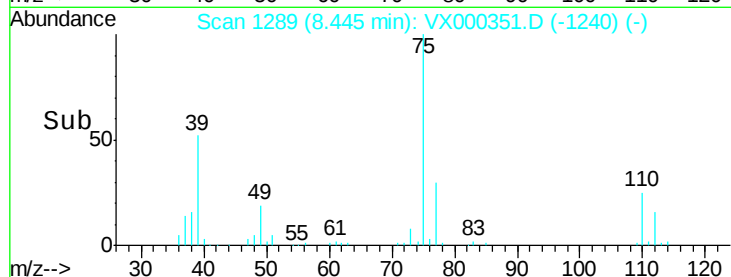
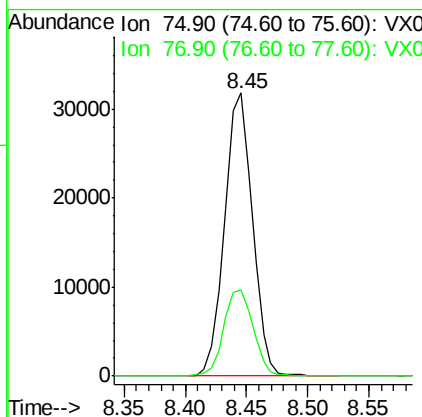
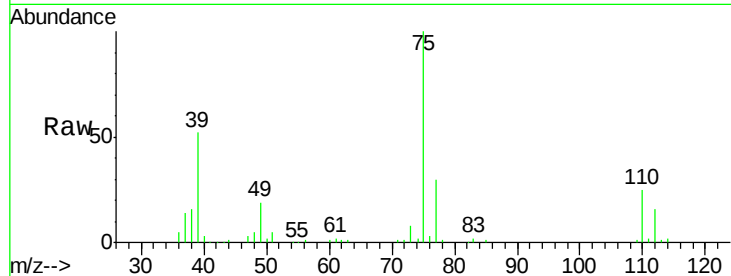
#53
 t-1,3-Dichloropropene
 Concen: 20.09 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBSD01

Tgt Ion: 75 Resp: 50293
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.0 36.0

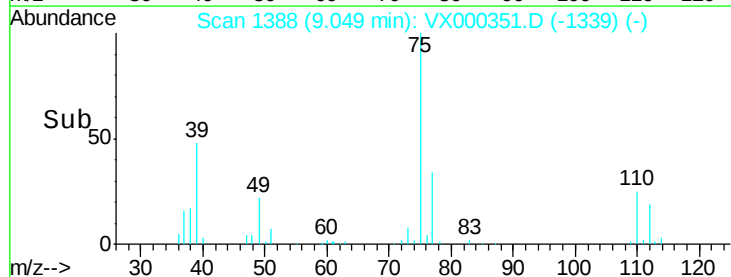
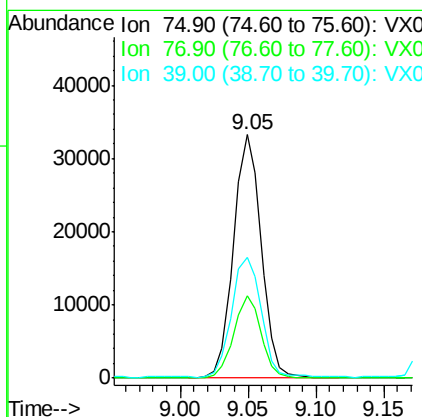
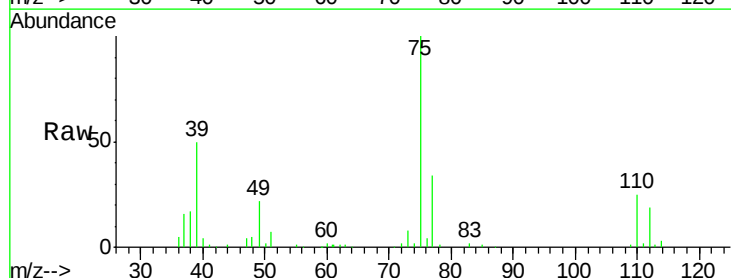
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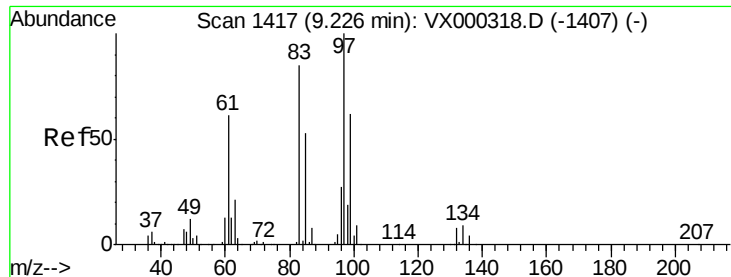
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#54
 cis-1,3-Dichloropropene
 Concen: 19.27 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Tgt Ion: 75 Resp: 47173
 Ion Ratio Lower Upper
 75 100
 77 33.6 26.1 39.1
 39 49.1 39.8 59.6





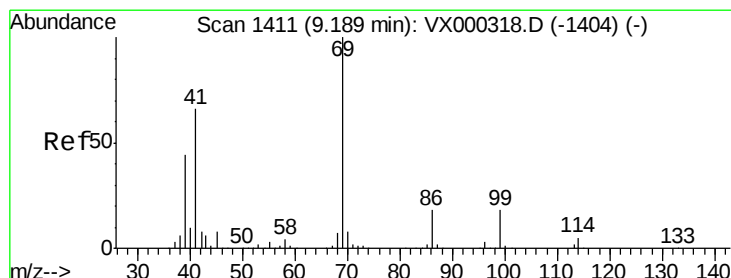
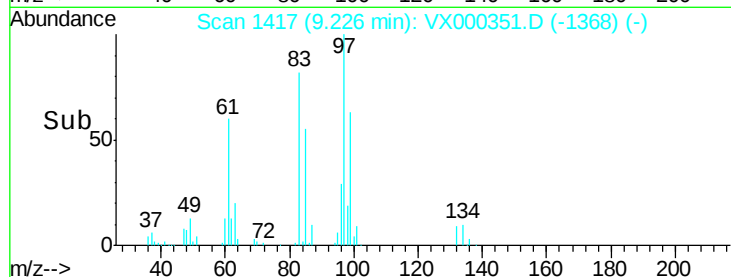
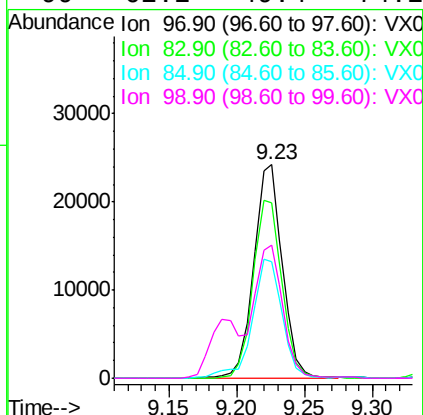
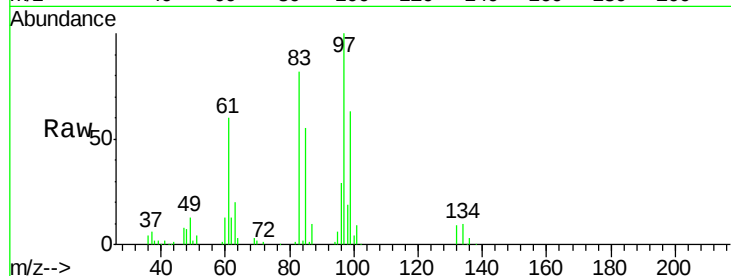
#55
 1,1,2-Trichloroethane
 Concen: 20.61 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBSD01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.0	67.9	101.9
85	54.6	42.8	64.2
99	62.2	49.4	74.2

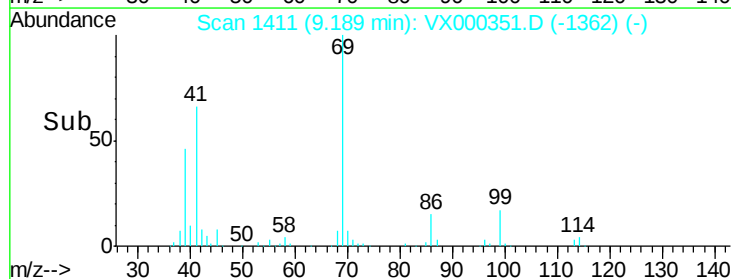
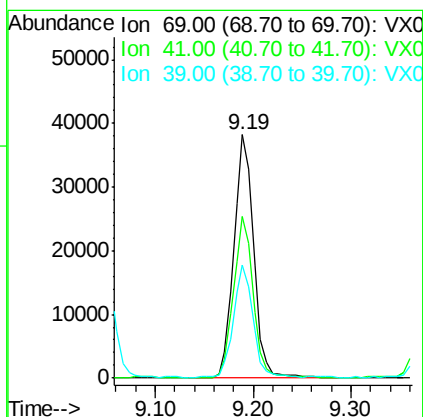
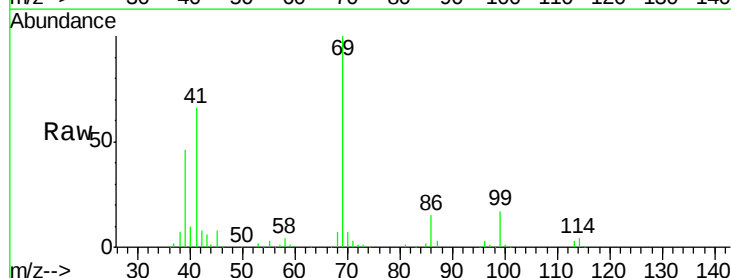
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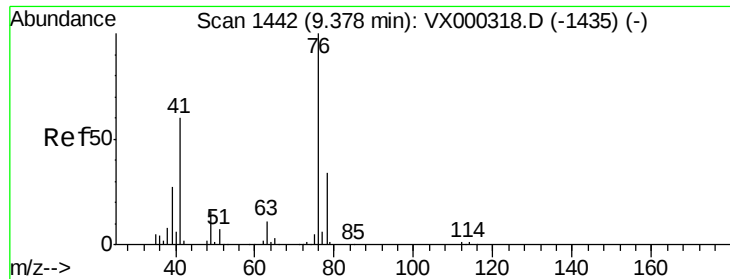
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#56
 Ethyl methacrylate
 Concen: 20.87 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.1	53.0	79.6
39	45.3	35.3	52.9





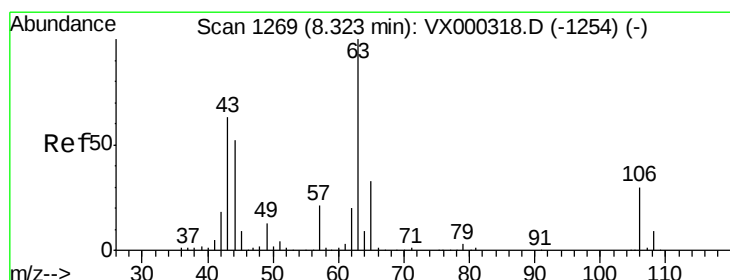
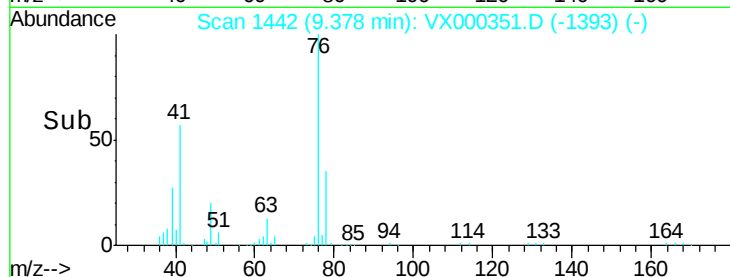
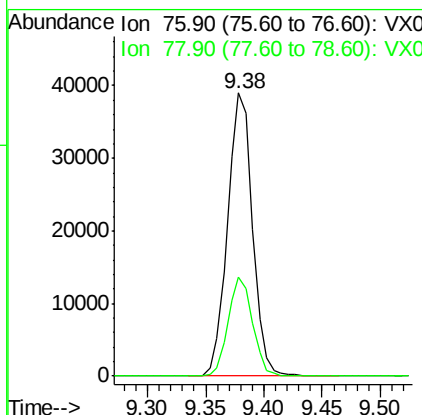
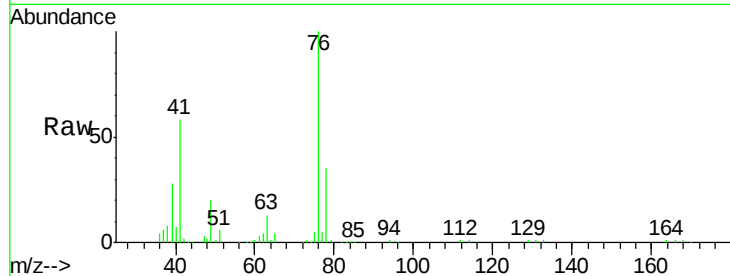
#57
 1,3-Dichloropropane
 Concen: 20.62 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBSD01

Tgt Ion: 76 Resp: 58080
 Ion Ratio Lower Upper
 76 100
 78 34.3 26.4 39.6

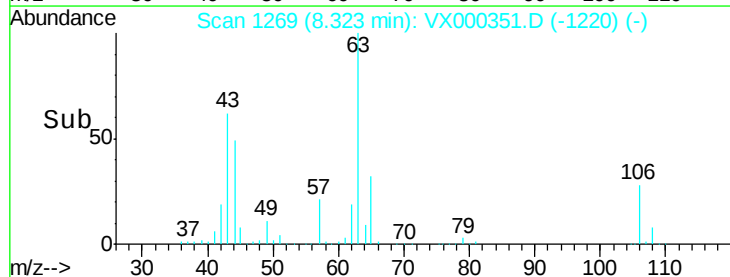
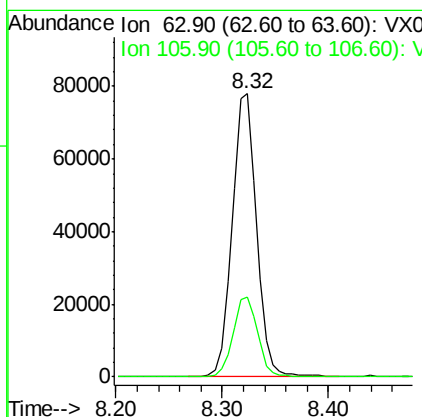
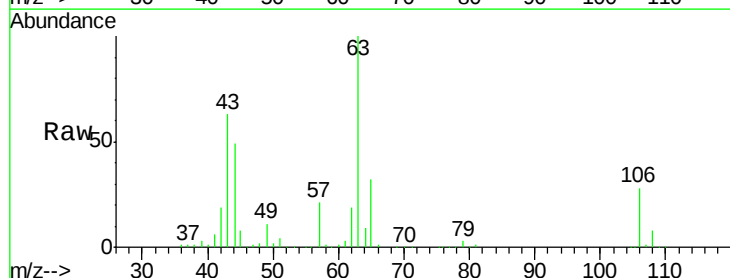
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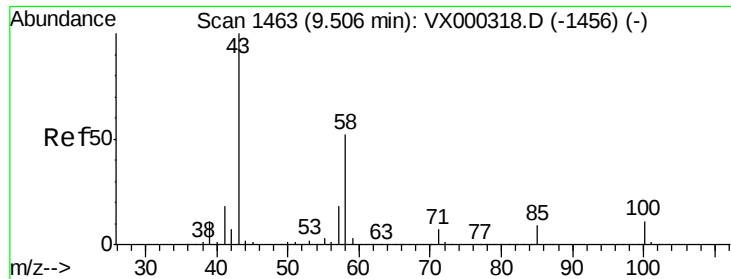
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 117.17 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Tgt Ion: 63 Resp: 125283
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.2 34.8





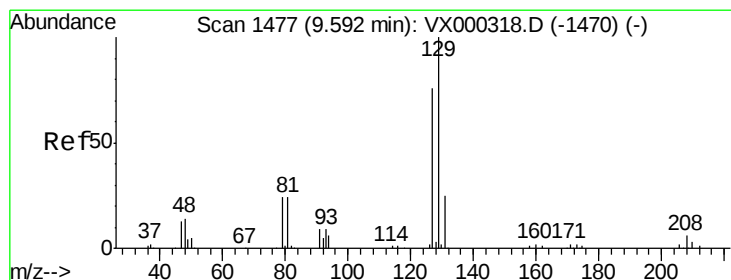
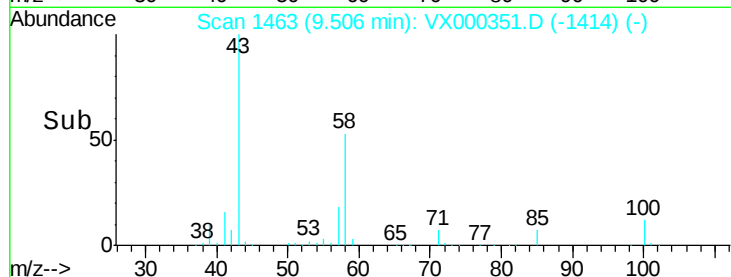
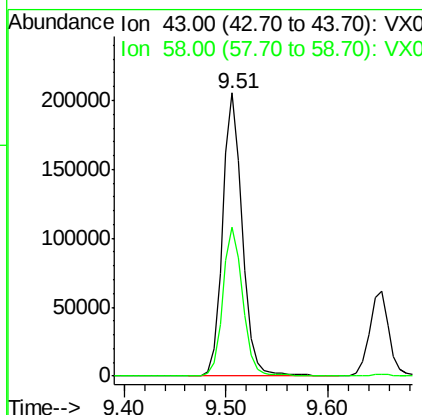
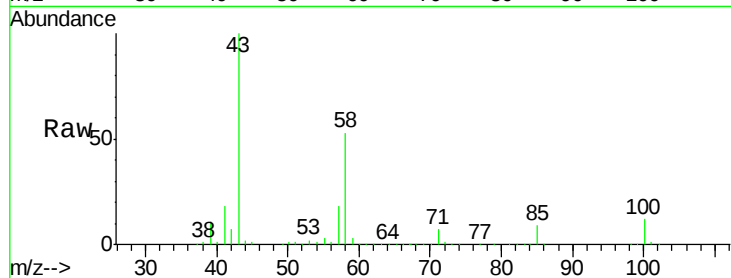
#59
2-Hexanone
Concen: 101.18 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01

Tgt Ion: 43 Resp: 276096
Ion Ratio Lower Upper
43 100
58 53.3 26.6 79.7

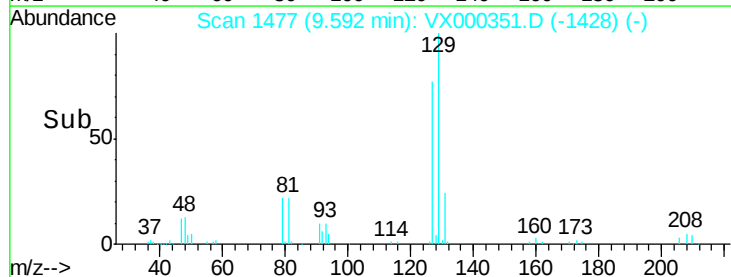
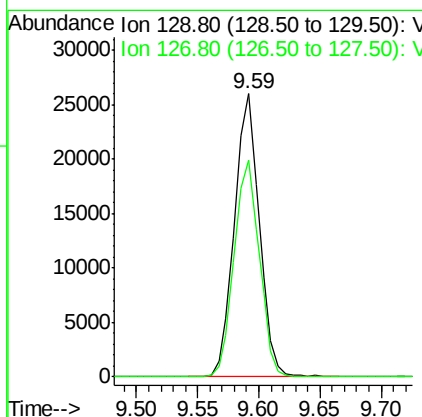
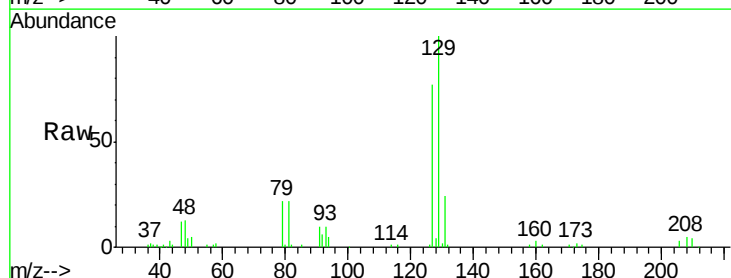
Manual Integrations
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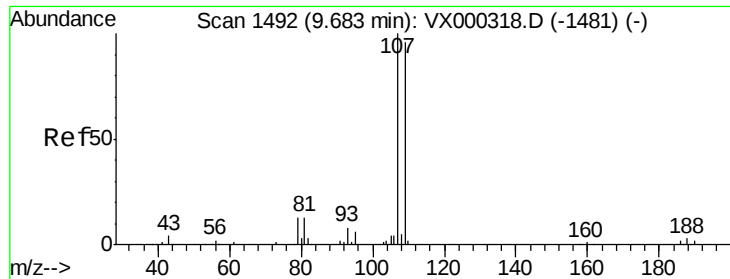
apatel
3/19/2018 5:32:19 PM



#60
Dibromochloromethane
Concen: 19.88 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion: 129 Resp: 36549
Ion Ratio Lower Upper
129 100
127 77.1 37.9 113.6





#61

1,2-Dibromoethane

Concen: 19.69 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

Tgt Ion: 107 Resp: 37941

Ion Ratio Lower Upper

107 100

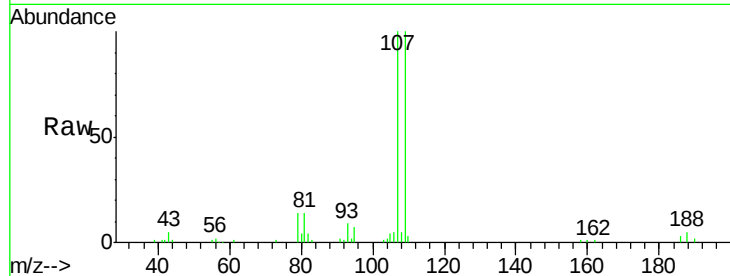
109 96.4 76.1 114.1

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

25000

20000

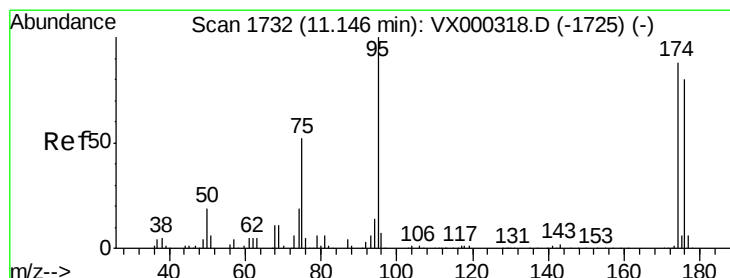
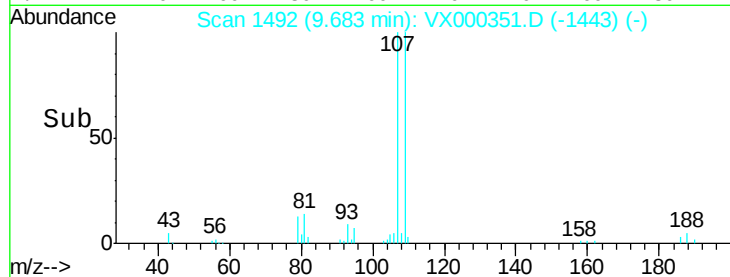
15000

10000

5000

0

Time--> 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 42.48 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

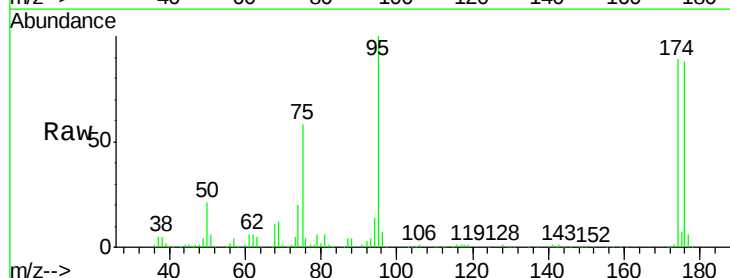
Tgt Ion: 95 Resp: 107278

Ion Ratio Lower Upper

95 100

174 87.3 0.0 173.6

176 84.1 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.15

100000

80000

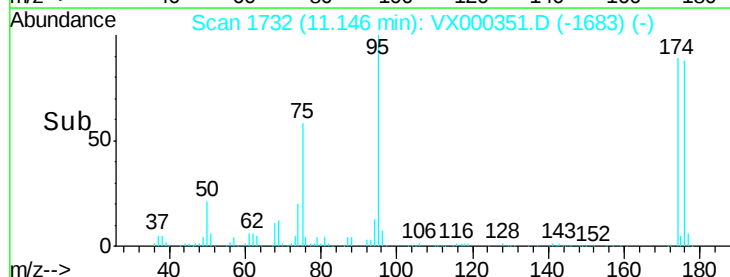
60000

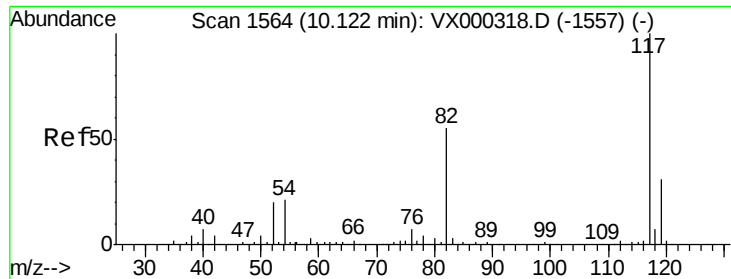
40000

20000

0

Time--> 11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBSD01

Tgt Ion:117 Resp: 234372

Ion Ratio Lower Upper

117 100

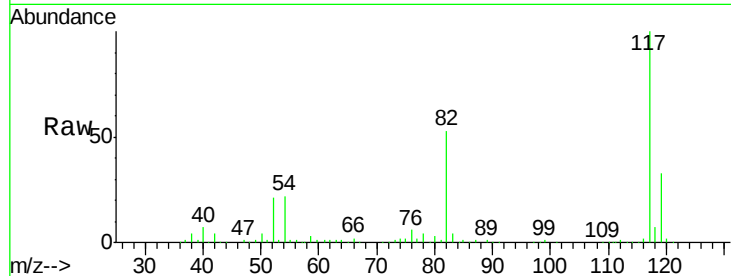
82 53.3 43.8 65.8

119 32.8 24.9 37.3

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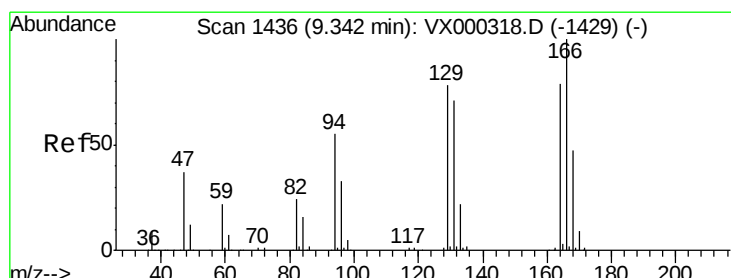
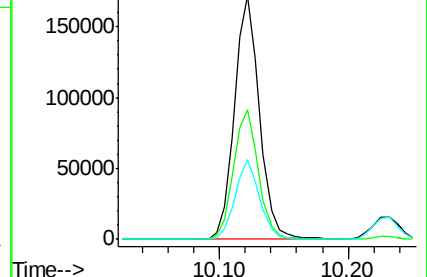
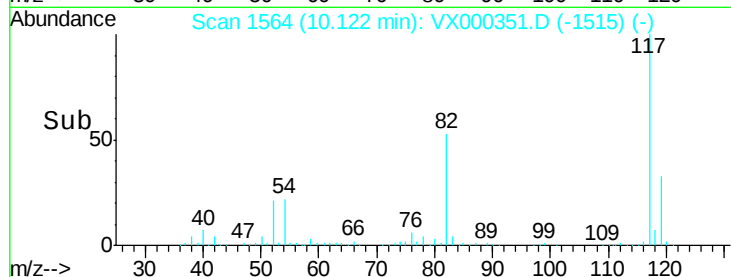
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Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 22.09 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Tgt Ion:164 Resp: 35111

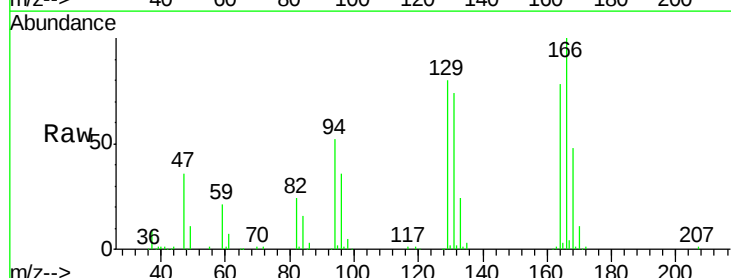
Ion Ratio Lower Upper

164 100

166 128.9 101.0 151.6

129 103.7 79.0 118.4

131 95.3 71.9 107.9

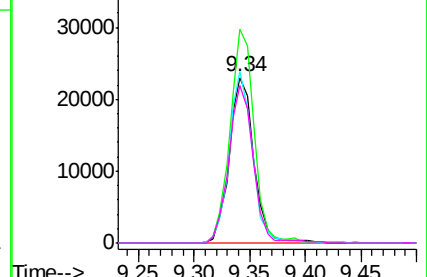
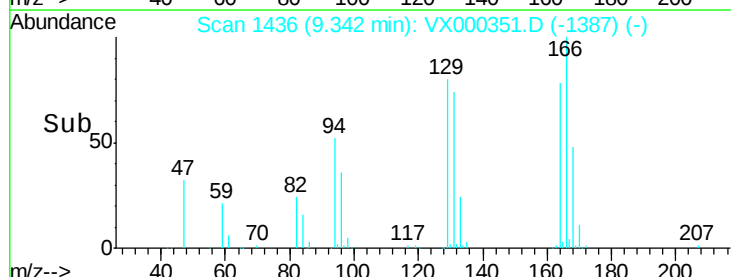


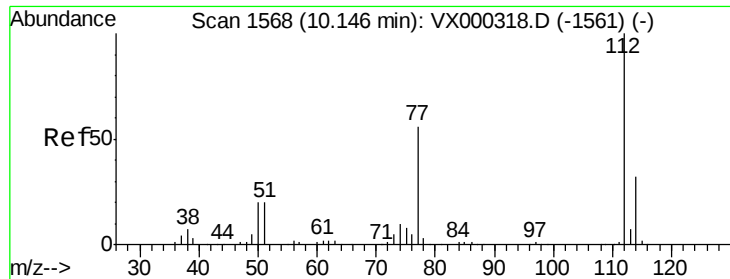
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





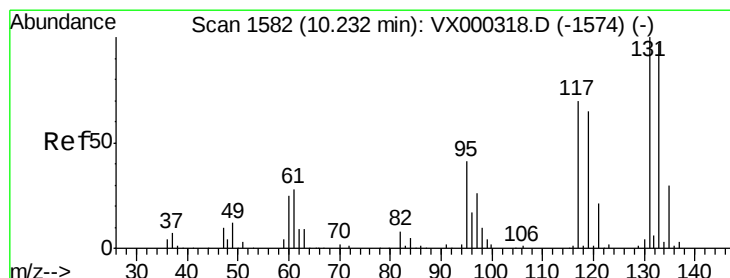
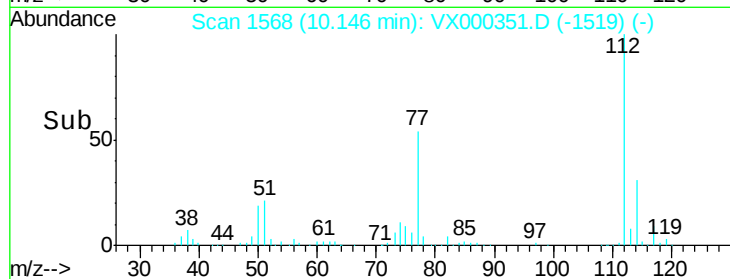
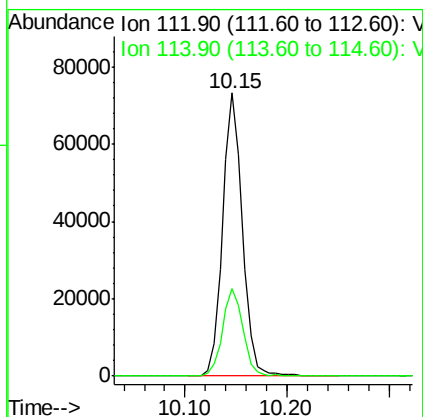
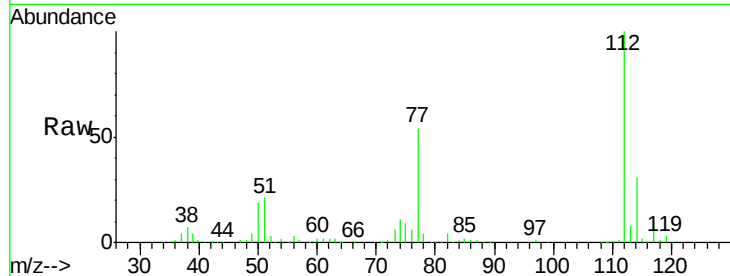
#65
Chlorobenzene
Concen: 20.69 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01

Tgt Ion:112 Resp: 98750
Ion Ratio Lower Upper
112 100
114 30.7 25.7 38.5

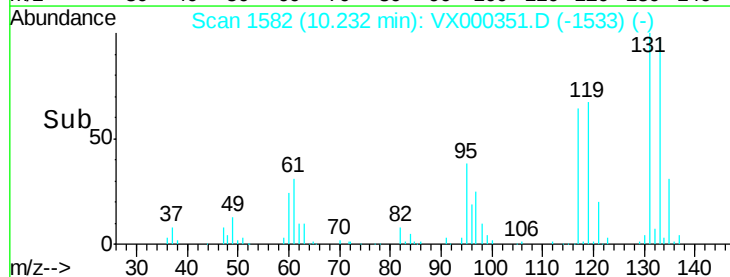
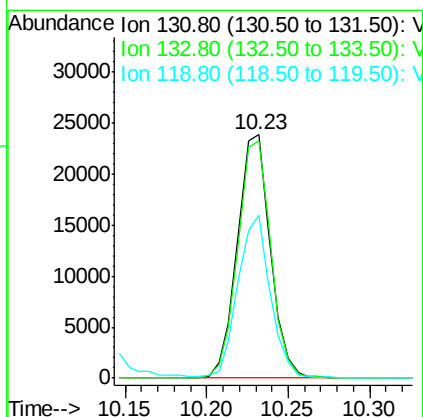
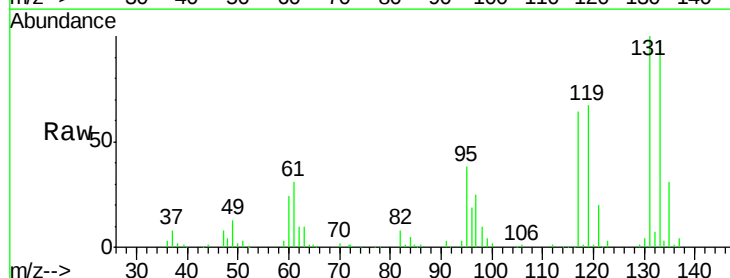
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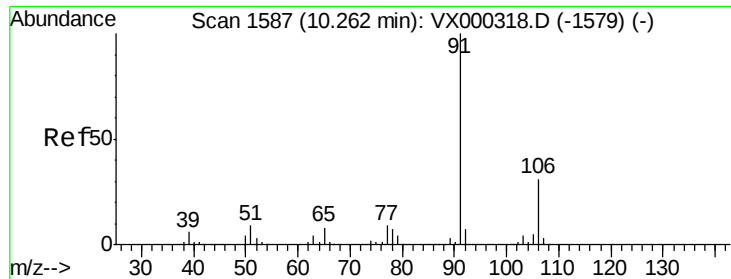
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.99 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion:131 Resp: 33691
Ion Ratio Lower Upper
131 100
133 97.6 47.1 141.3
119 66.2 33.1 99.2





#67

Ethyl Benzene

Concen: 20.62 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBSD01

Tgt Ion: 91 Resp: 167780

Ion Ratio Lower Upper

91 100

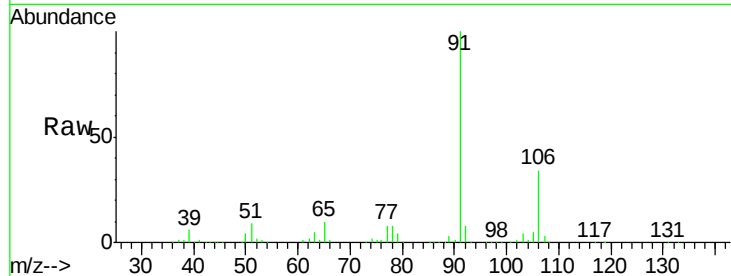
106 34.1 25.0 37.6

Manual Integrations

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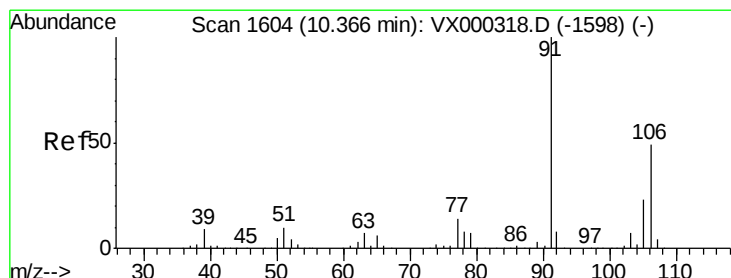
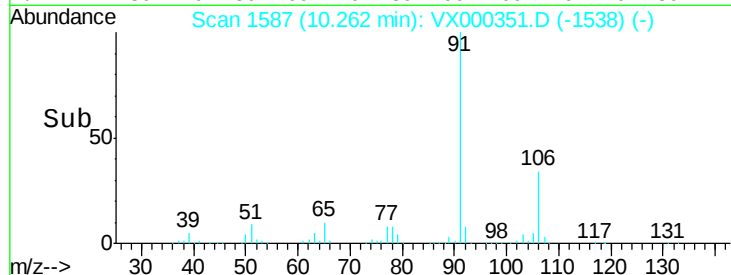
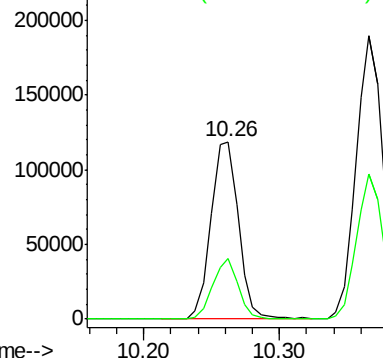
apatel

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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: 42.03 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000351.D

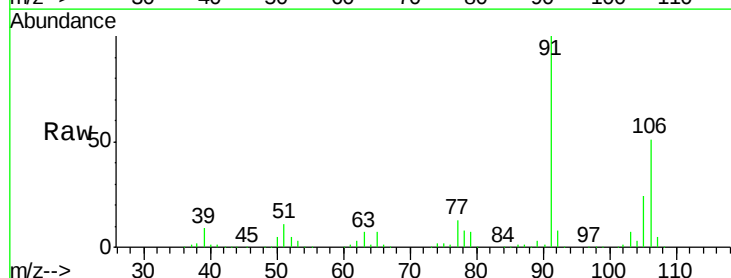
Acq: 16 Mar 2018 17:02

Tgt Ion: 106 Resp: 133244

Ion Ratio Lower Upper

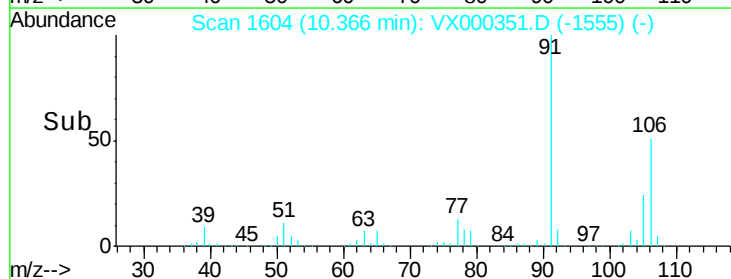
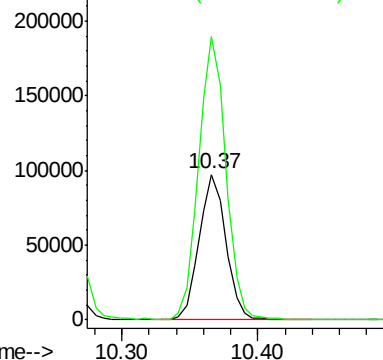
106 100

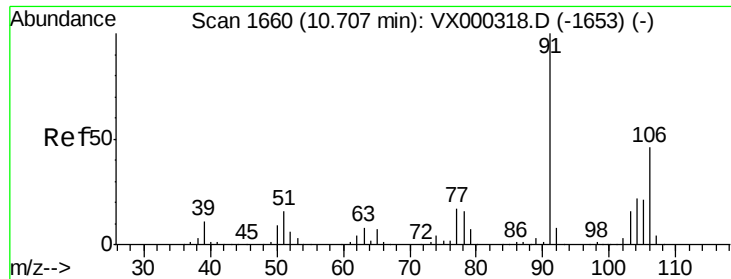
91 198.6 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





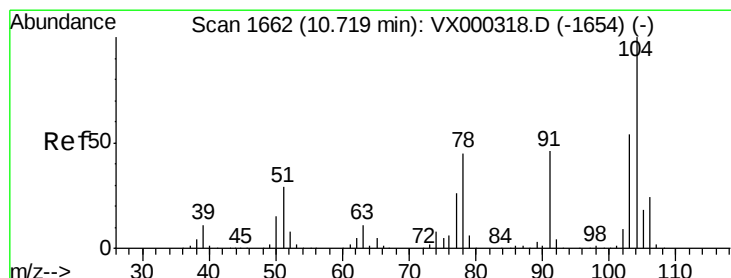
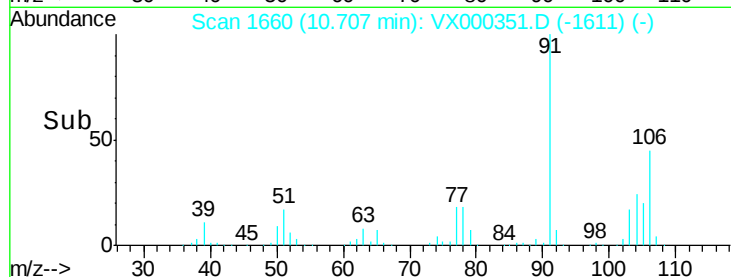
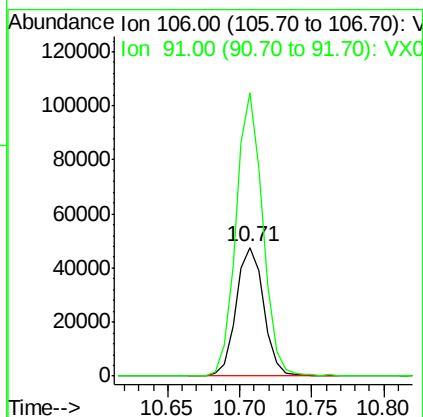
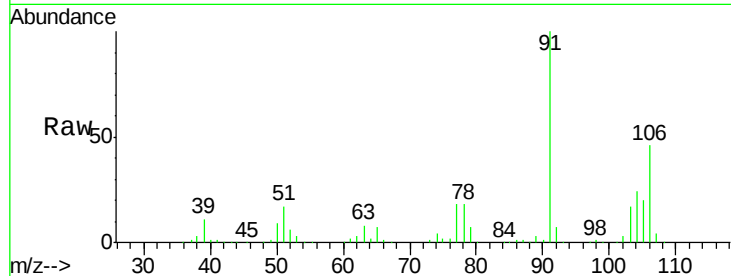
#69
o-Xylene
Concen: 20.75 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01

Tgt Ion:106 Resp: 63907
Ion Ratio Lower Upper
106 100
91 212.0 106.5 319.6

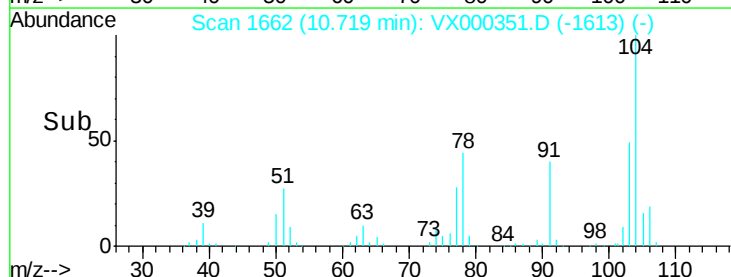
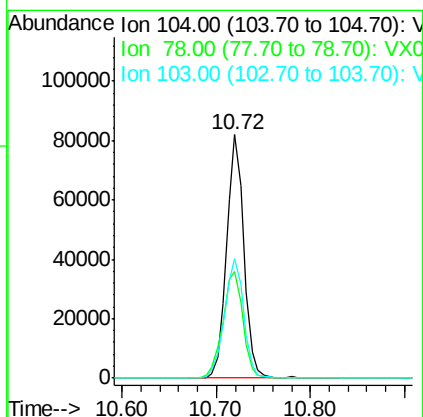
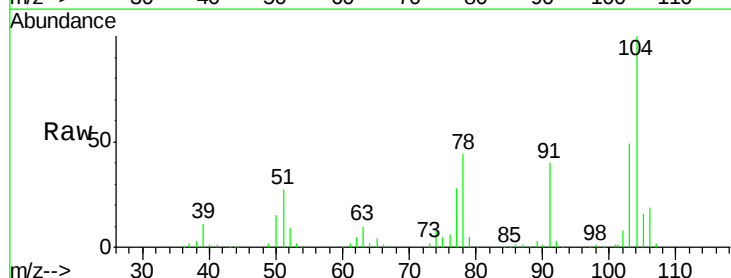
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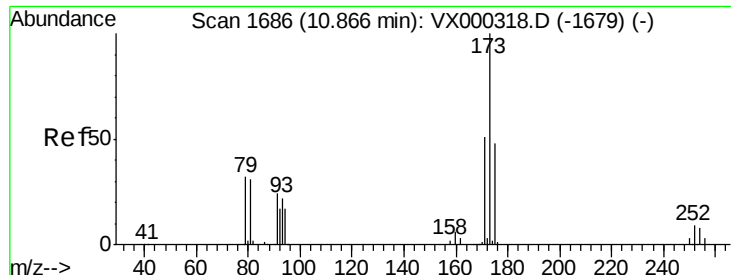
apatel
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#70
Styrene
Concen: 20.41 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion:104 Resp: 104294
Ion Ratio Lower Upper
104 100
78 51.1 40.5 60.7
103 54.9 45.7 68.5





#71

Bromoform

Concen: 19.77 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

Tgt Ion:173 Resp: 27730

Ion Ratio Lower Upper

173 100

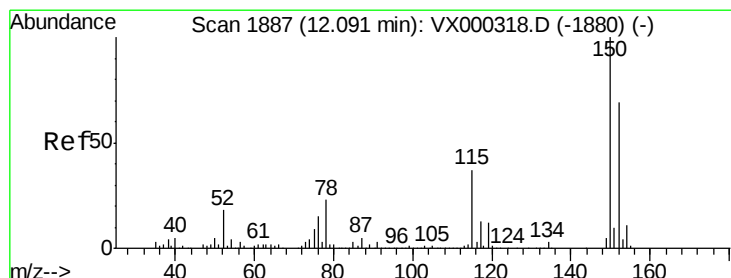
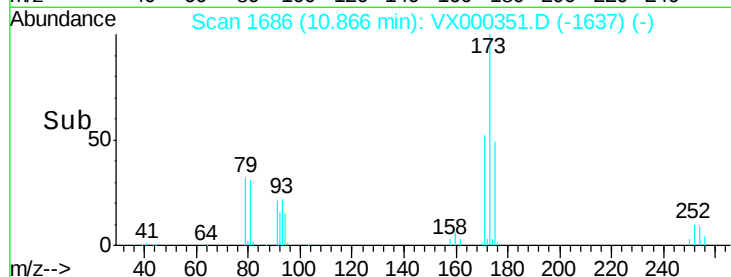
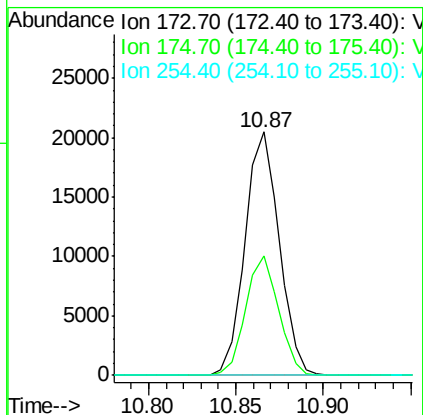
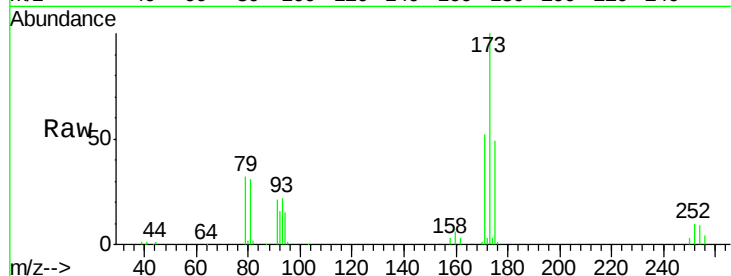
175 47.3 25.4 76.4

254 0.1 0.0 0.0#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

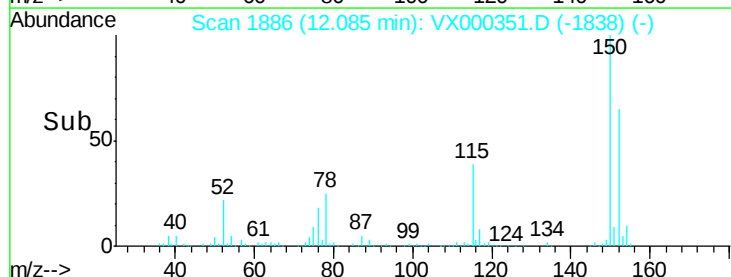
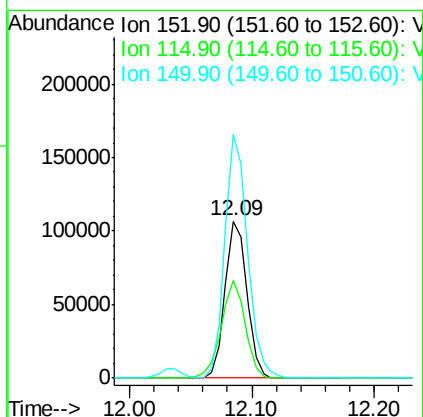
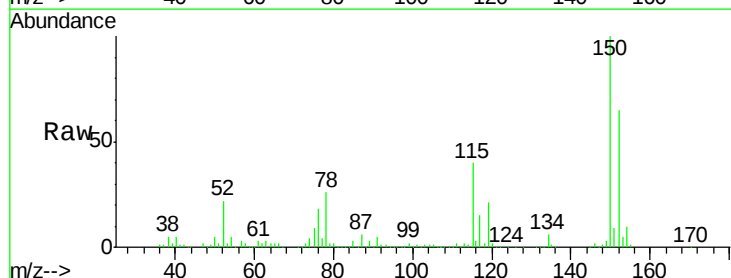
Tgt Ion:152 Resp: 131752

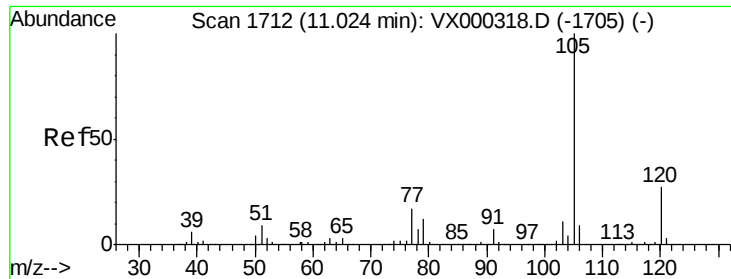
Ion Ratio Lower Upper

152 100

115 68.3 39.8 119.3

150 162.1 0.0 344.4





#73

Isopropylbenzene

Concen: 21.92 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

Tgt Ion: 105 Resp: 173979

Ion Ratio Lower Upper

105 100

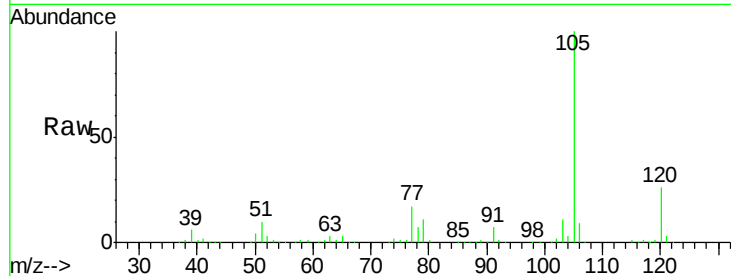
120 27.2 13.6 40.7

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

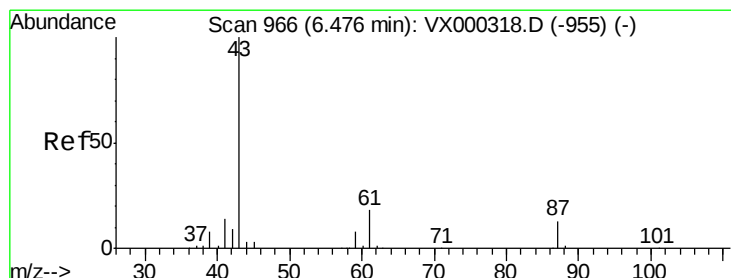
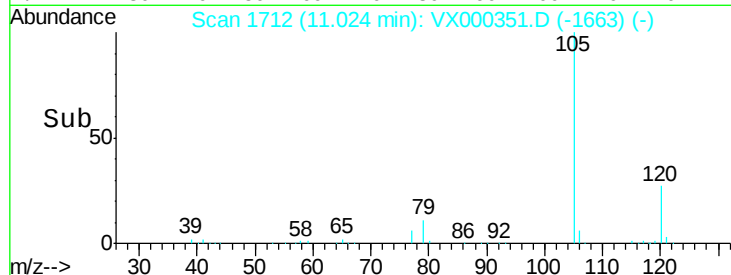
110000

50000

0

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 23.22 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Tgt Ion: 43 Resp: 88213

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 19.0 14.4 21.6

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

50000

40000

30000

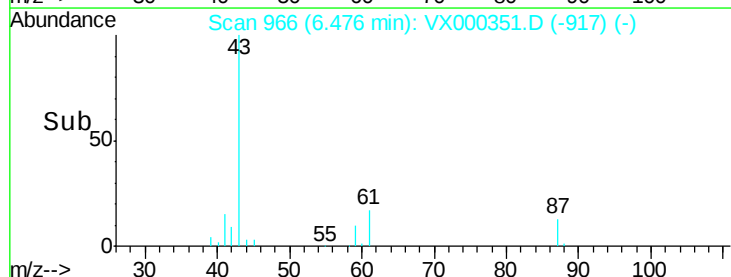
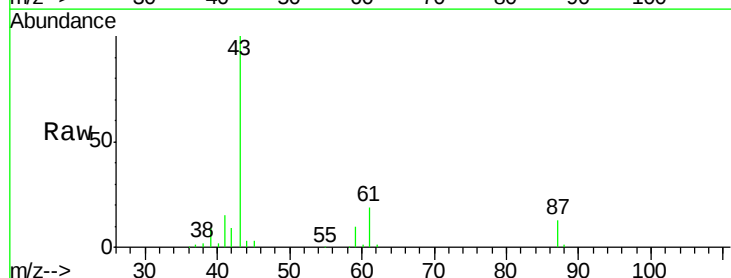
20000

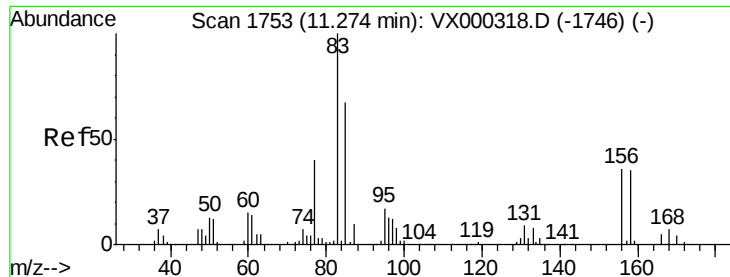
10000

0

6.30 6.40 6.50 6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.20 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBSD01

Tgt Ion: 83 Resp: 62700

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

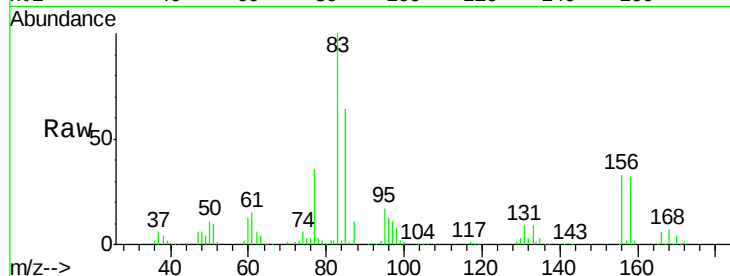
85 63.6 32.5 97.5

Manual Integrations

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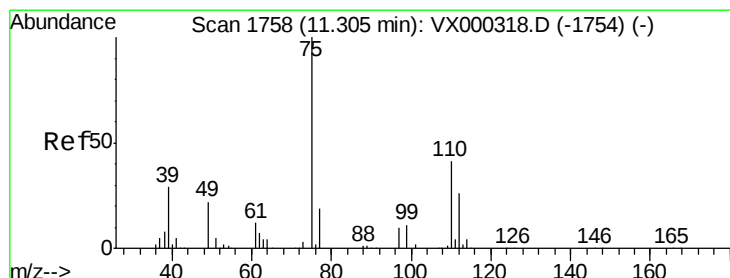
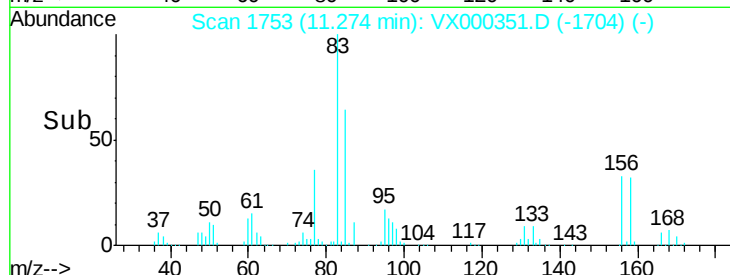
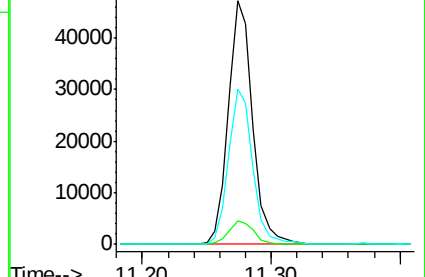
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.43 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000351.D

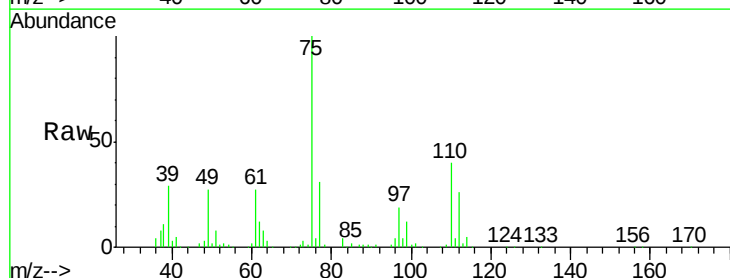
Acq: 16 Mar 2018 17:02

Tgt Ion: 75 Resp: 56105

Ion Ratio Lower Upper

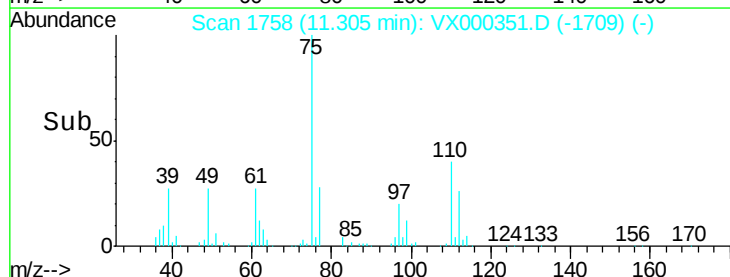
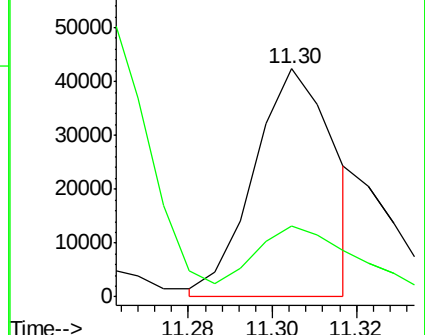
75 100

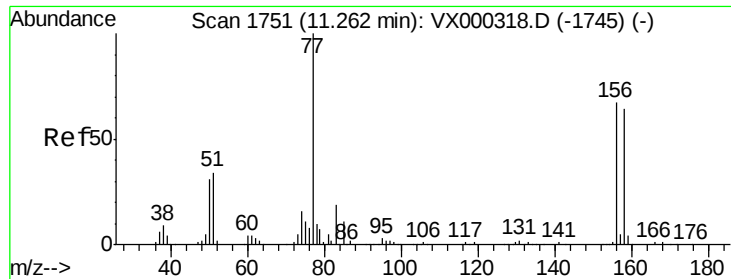
77 40.3 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.68 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

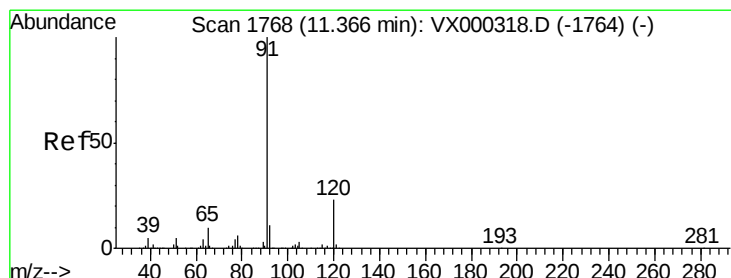
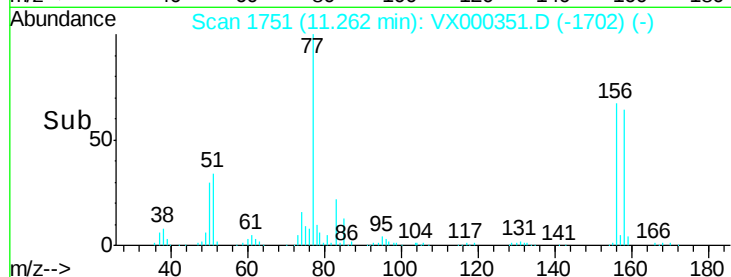
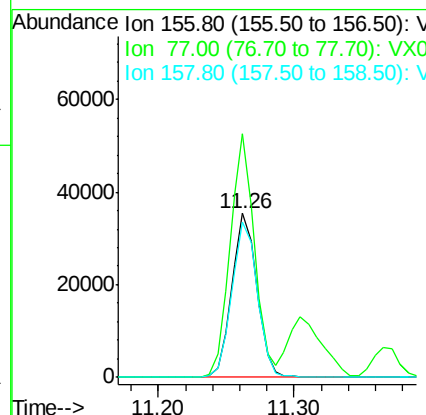
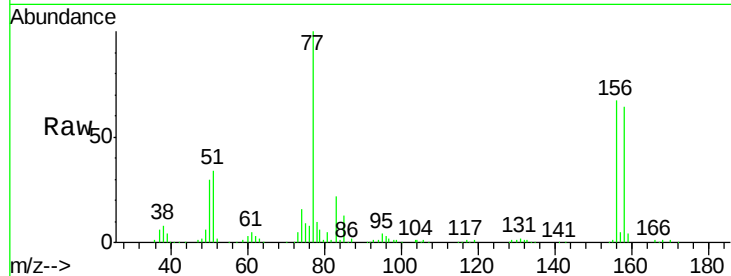
ClientSampled :

VX0316MBSD01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	144.4	73.4	220.2
158	97.0	48.5	145.6

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#78

n-propylbenzene

Concen: 21.08 ug/l

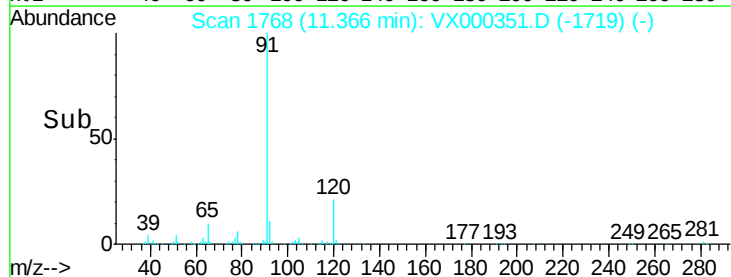
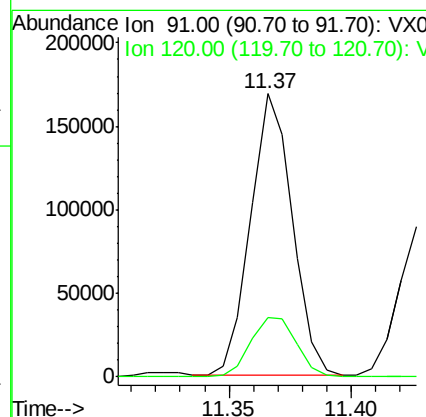
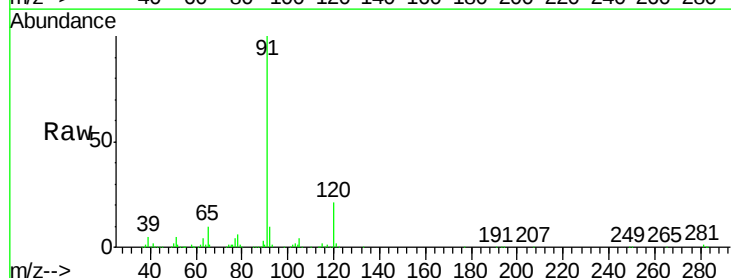
RT: 11.37 min Scan# 1768

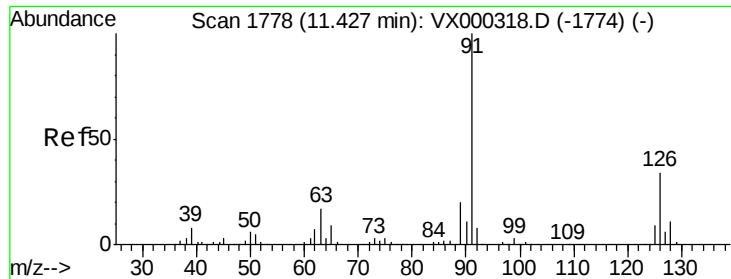
Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.8	35.3





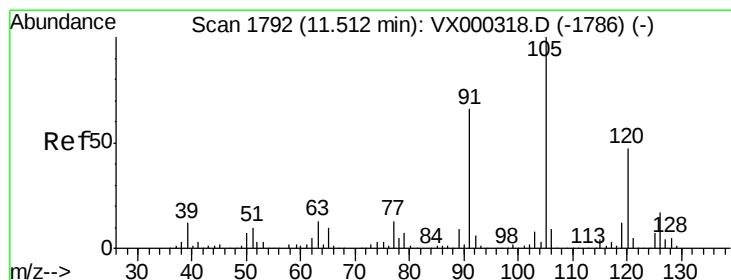
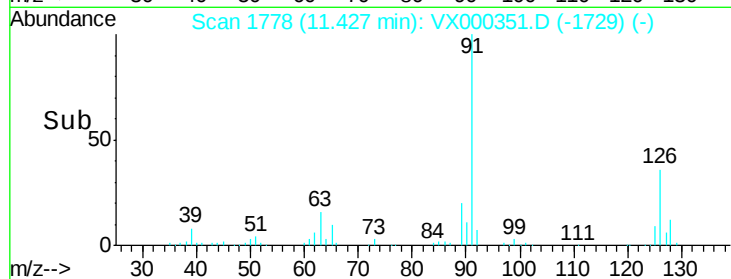
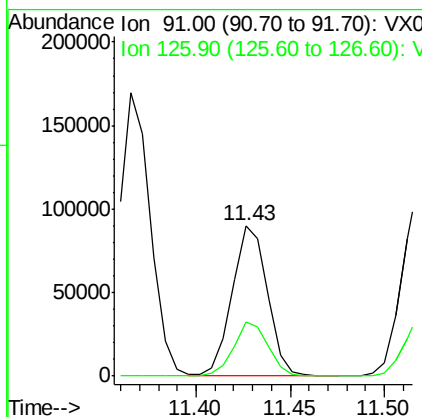
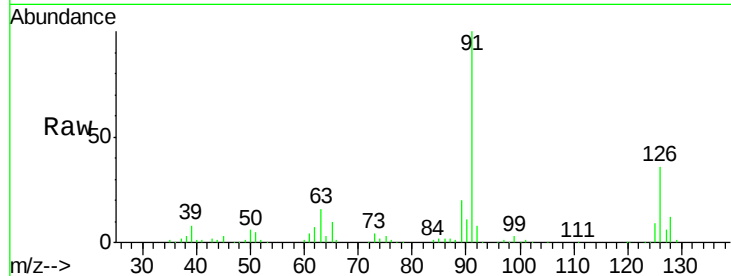
#79
 2-Chlorotoluene
 Concen: 21.34 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBSD01

Tgt Ion: 91 Resp: 115875
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.7 53.1

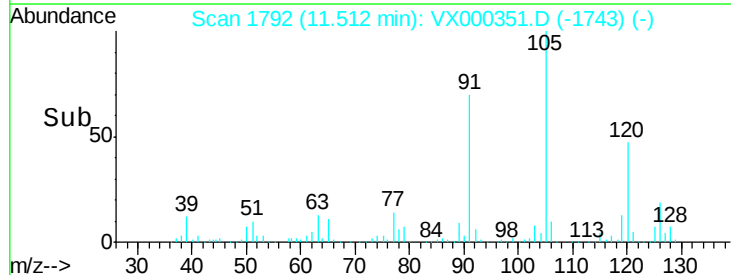
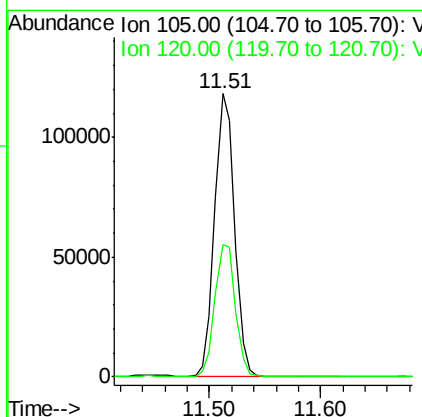
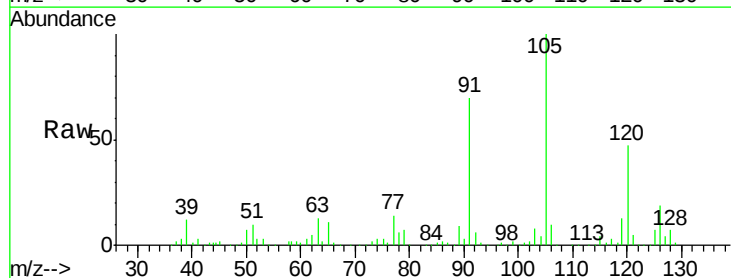
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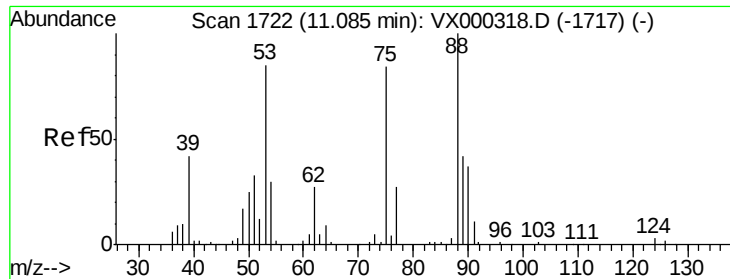
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.76 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Tgt Ion: 105 Resp: 147092
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.55 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBSD01

Tgt Ion: 75 Resp: 15689

Ion Ratio Lower Upper

75 100

53 111.5 80.7 121.1

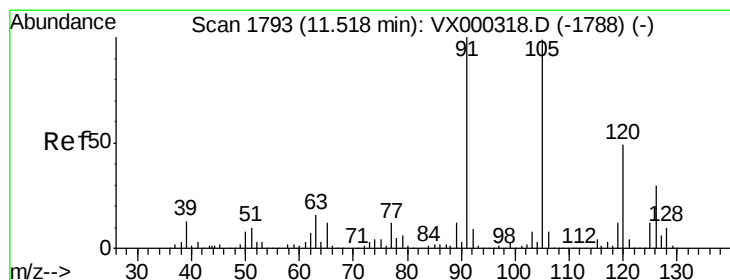
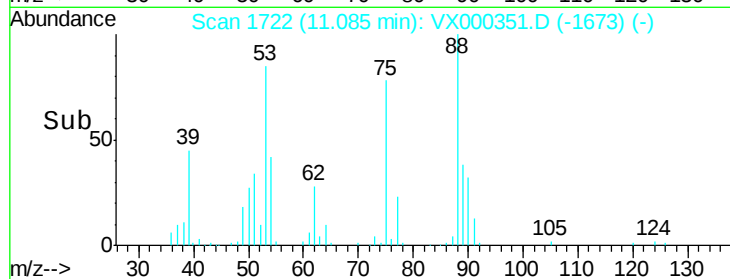
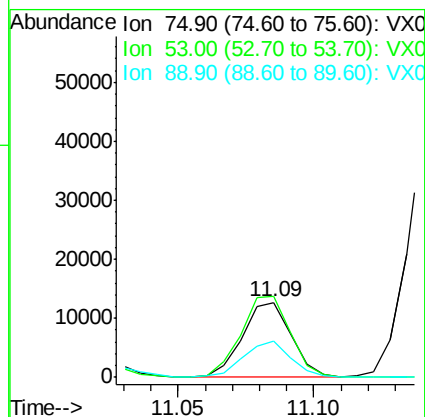
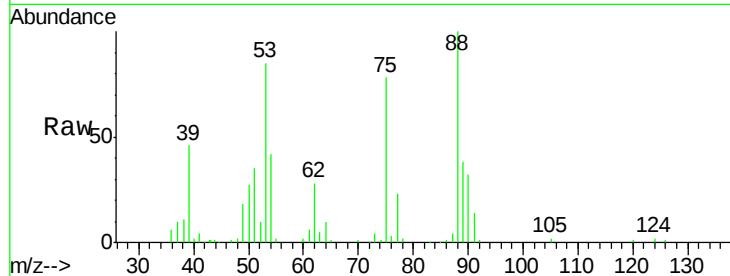
89 47.6 39.4 59.0

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#82

4-Chlorotoluene

Concen: 21.37 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000351.D

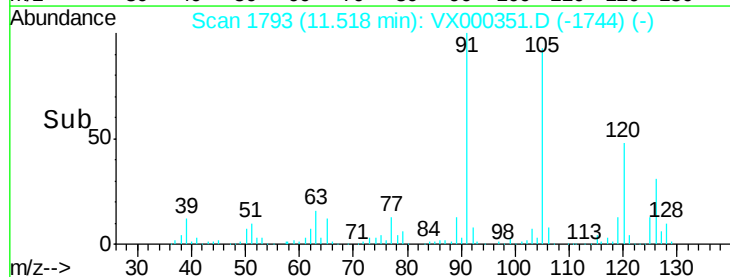
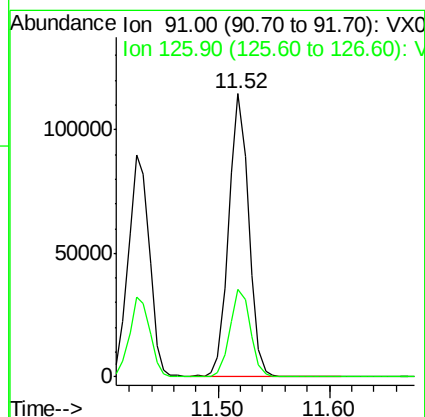
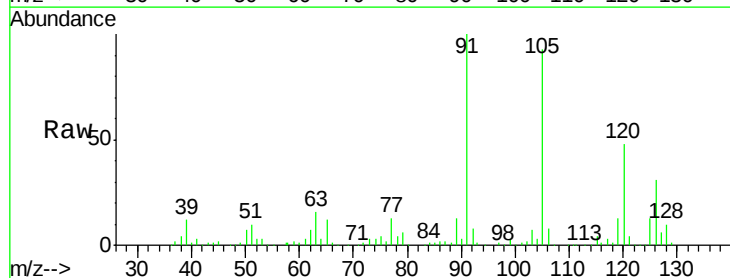
Acq: 16 Mar 2018 17:02

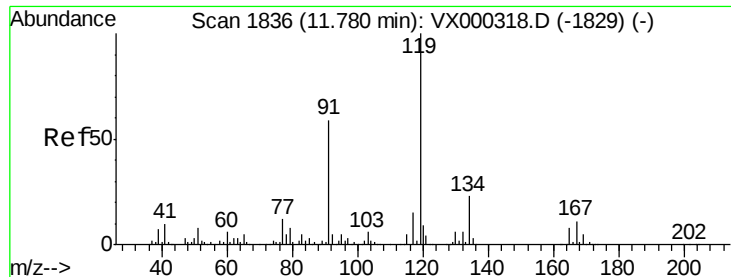
Tgt Ion: 91 Resp: 142599

Ion Ratio Lower Upper

91 100

126 31.8 15.4 46.1





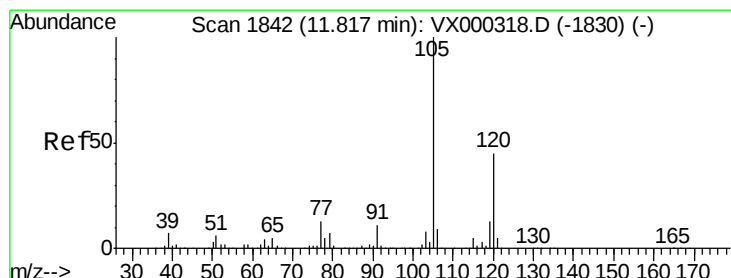
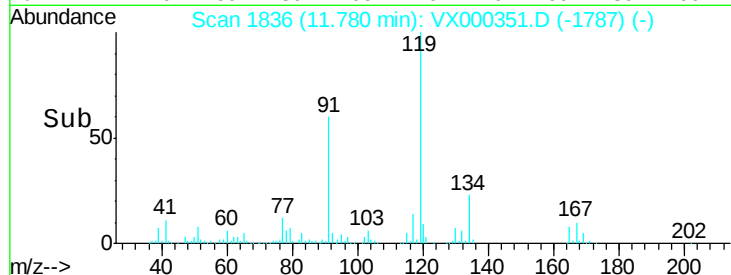
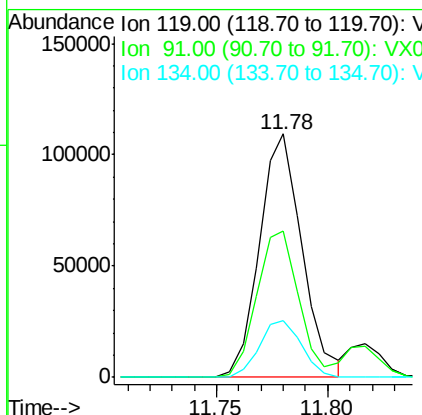
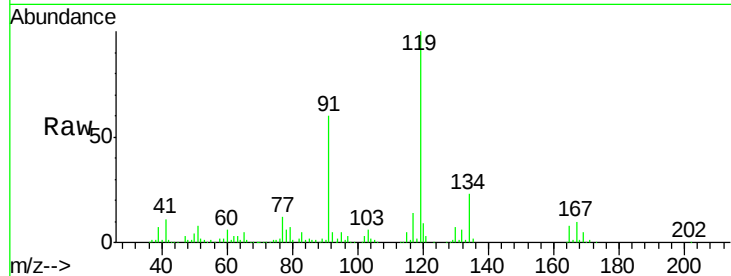
#83
 tert-Butylbenzene
 Concen: 22.04 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	145329		
91	59.2	28.8	86.4	
134	23.3	11.4	34.1	

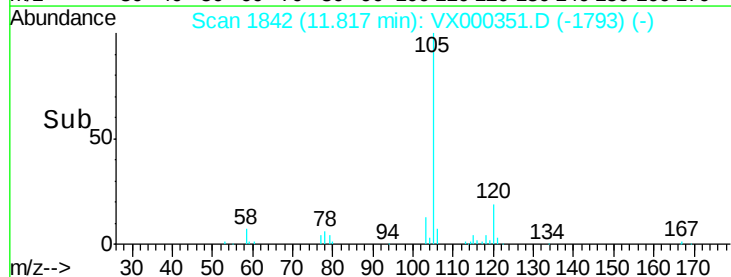
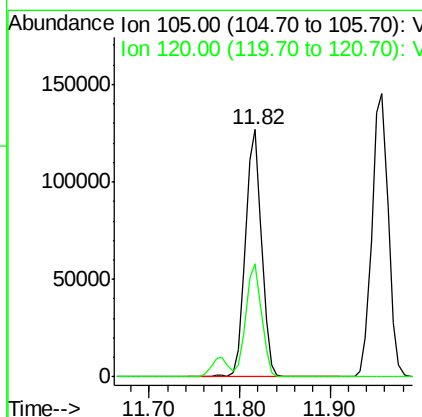
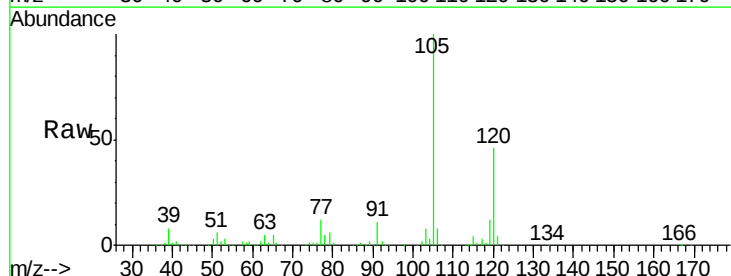
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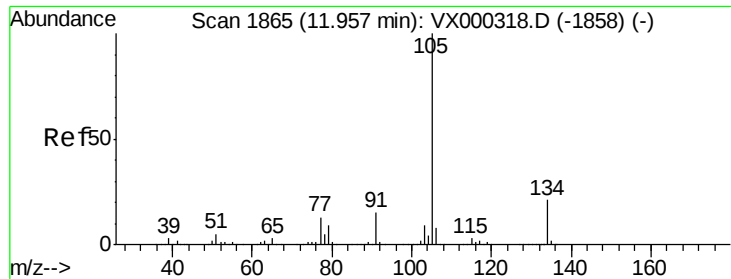
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.57 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	156832		
120	44.7	22.4	67.3	





#85

sec-Butylbenzene

Concen: 22.01 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBSD01

Tgt Ion:105 Resp: 181672

Ion Ratio Lower Upper

105 100

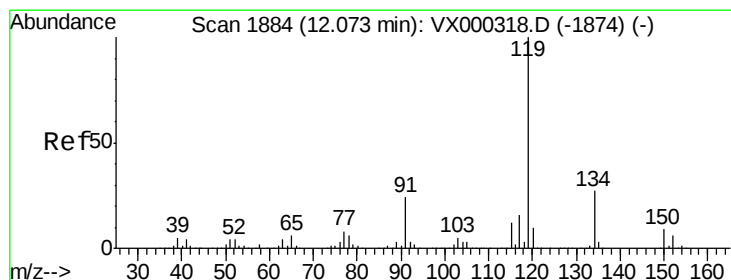
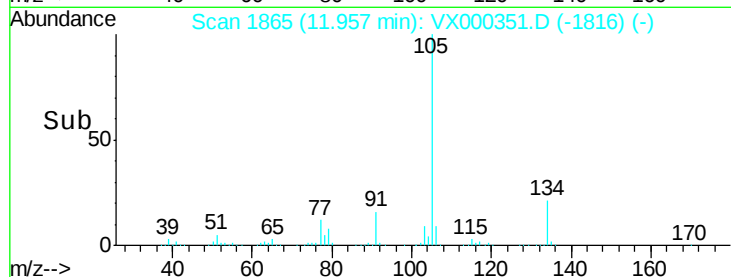
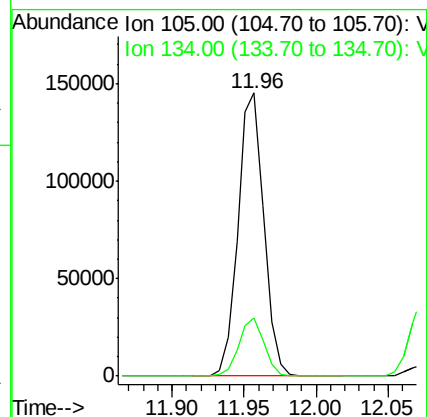
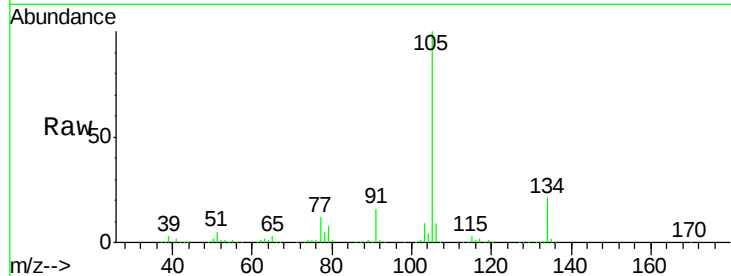
134 20.2 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 22.21 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

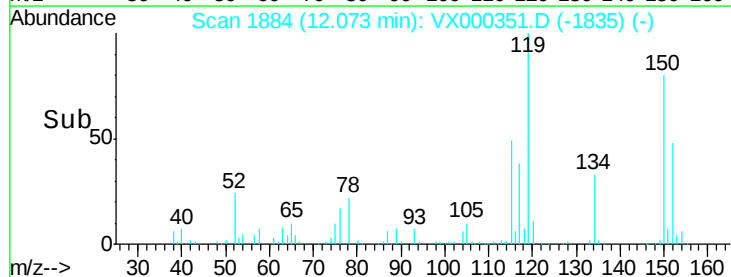
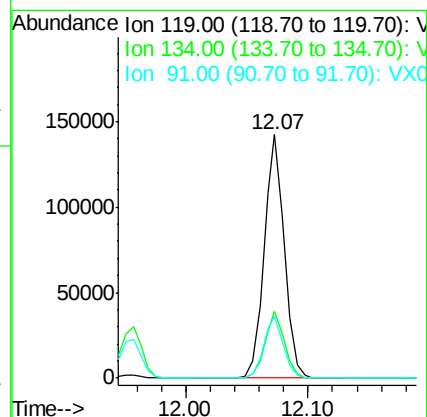
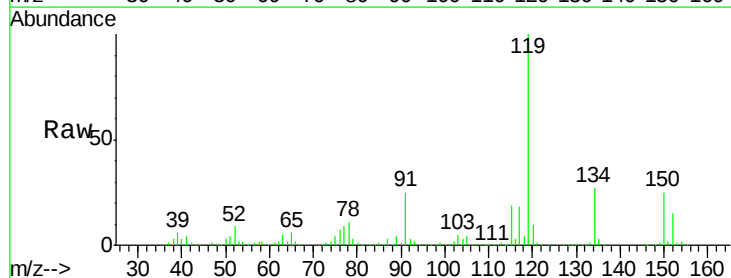
Tgt Ion:119 Resp: 163171

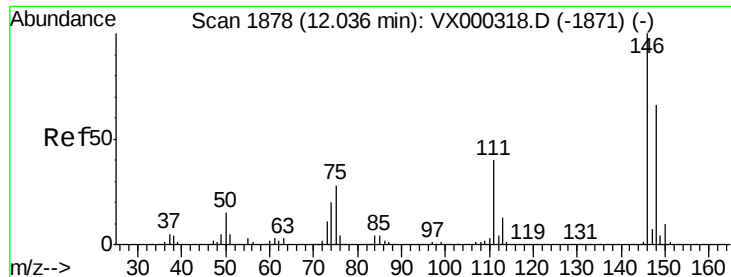
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 25.0 12.0 36.1





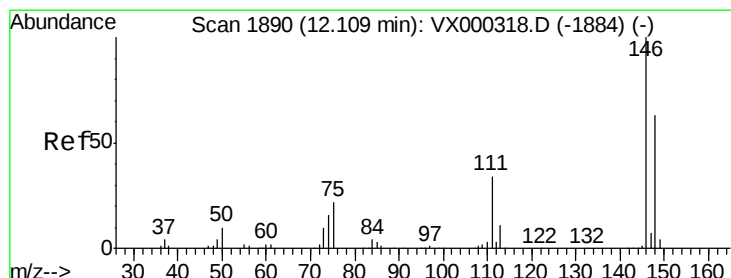
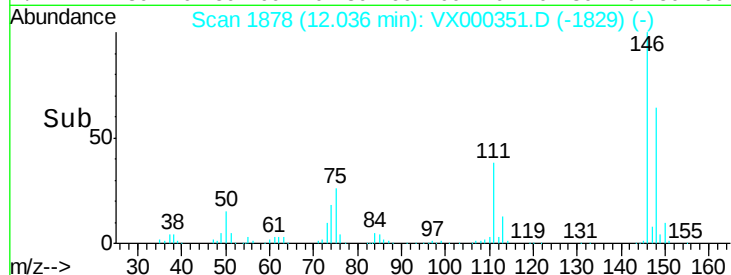
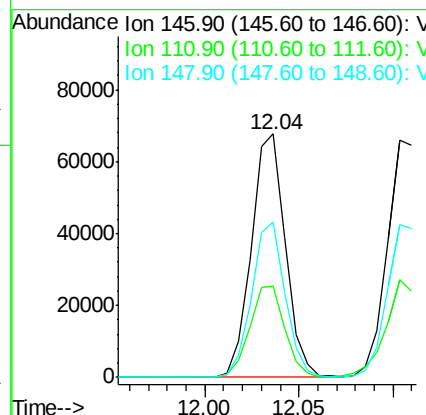
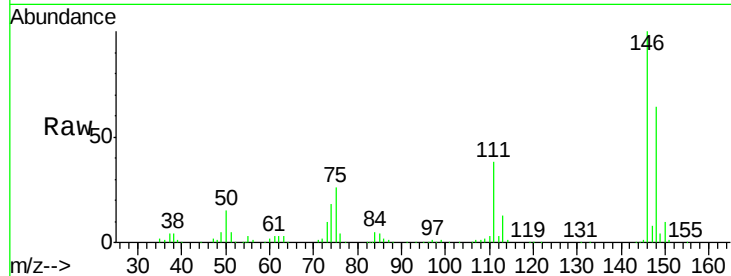
#87
1,3-Dichlorobenzene
Concen: 20.73 ug/l
RT: 12.04 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.5	58.5
148	62.9	32.4	97.0

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#88
1,4-Dichlorobenzene
Concen: 20.35 ug/l
RT: 12.10 min Scan# 1889
Delta R.T. -0.01 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	18.9	56.9
148	64.7	31.0	93.0

