

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031518\
 Data File : VX000327.D
 Acq On : 15 Mar 2018 14:37
 Operator : JC/MD
 Sample : VX0315WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Manual Integrations
 APPROVED

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 3/16/2018 3:43:23 PM

Quant Time: Mar 16 02:55:07 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	5.68	168	127617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	210539	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	207168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118352	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	74534	42.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.44%	
35) Dibromofluoromethane	5.51	113	57942	43.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.24%	
50) Toluene-d8	8.73	98	230279	41.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.12%	
62) 4-Bromofluorobenzene	11.15	95	88900	40.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	20710	15.06	ug/l	93
3) Chloromethane	1.32	50	23040	16.44	ug/l	88
4) Vinyl Chloride	1.41	62	25852	16.47	ug/l	98
5) Bromomethane	1.65	94	22335	12.75	ug/l	96
6) Chloroethane	1.73	64	17463	15.65	ug/l	99
7) Trichlorofluoromethane	1.93	101	46693	17.13	ug/l	97
8) Diethyl Ether	2.20	74	15871	16.35	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	25427	17.32	ug/l	97
10) Methyl Iodide	2.52	142	20112	13.56	ug/l	97
11) Tert butyl alcohol	3.07	59	52307	91.57	ug/l	99
12) 1,1-Dichloroethene	2.38	96	23694	17.01	ug/l	98
13) Acrolein	2.30	56	23827	96.95	ug/l	99
14) Allyl chloride	2.73	41	42754	17.21	ug/l	97
15) Acrylonitrile	3.15	53	98361	89.30	ug/l	99
16) Acetone	2.45	43	109505	92.90	ug/l	95
17) Carbon Disulfide	2.57	76	58423	14.36	ug/l	99
18) Methyl Acetate	2.78	43	48254	18.29	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	87329	17.81	ug/l	99
20) Methylene Chloride	2.87	84	26731	17.52	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	24360	15.82	ug/l	91
22) Diisopropyl ether	3.89	45	80598	19.49	ug/l	92
23) Vinyl Acetate	3.83	43	391007	99.22	ug/l	100
24) 1,1-Dichloroethane	3.70	63	46336	17.81	ug/l	99
25) 2-Butanone	4.71	43	133260	94.59	ug/l	97
26) 2,2-Dichloropropane	4.59	77	31908	17.00	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	24037	17.09	ug/l	97
28) Bromochloromethane	5.03	49	20719	18.95	ug/l	100
29) Tetrahydrofuran	5.18	42	82126	90.57	ug/l	98
30) Chloroform	5.23	83	43040	17.53	ug/l	96
31) Cyclohexane	5.59	56	32673	16.37	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	37961	17.49	ug/l	98
36) 1,1-Dichloropropene	5.81	75	32183	16.82	ug/l	98
37) Ethyl Acetate	4.87	43	45154	17.76	ug/l	98
38) Carbon Tetrachloride	5.80	117	31276	16.22	ug/l	95

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031518\
 Data File : VX000327.D
 Acq On : 15 Mar 2018 14:37
 Operator : JC/MD
 Sample : VX0315WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0315WBS01

Manual Integrations
 APPROVED

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Quant Time: Mar 16 02:55:07 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	36181	16.22	ug/l	91
40) Benzene	6.15	78	92886	17.11	ug/l	99
41) Methacrylonitrile	5.07	41	23589	17.67	ug/l	98
42) 1,2-Dichloroethane	6.21	62	37217	17.30	ug/l	99
43) Isopropyl Acetate	6.48	43	67065	18.28	ug/l	98
44) Trichloroethene	7.23	130	26773	17.02	ug/l	97
45) 1,2-Dichloropropane	7.53	63	24683	18.44	ug/l	100
46) Dibromomethane	7.67	93	18992	17.66	ug/l	100
47) Bromodichloromethane	7.91	83	34574	18.11	ug/l	96
48) Methyl methacrylate	7.79	41	33768	18.20	ug/l	99
49) 1,4-Dioxane	7.76	88	14802	354.59	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	261739	91.85	ug/l	98
52) Toluene	8.79	92	64358	16.88	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	39789	18.06	ug/l	92
54) cis-1,3-Dichloropropene	9.05	75	38687	17.96	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	27373	17.89	ug/l	98
56) Ethyl methacrylate	9.19	69	41211	18.19	ug/l	99
57) 1,3-Dichloropropane	9.38	76	44971	18.15	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	108058	114.72	ug/l	100
59) 2-Hexanone	9.51	43	221102	92.09	ug/l	98
60) Dibromochloromethane	9.59	129	26859	16.60	ug/l	92
61) 1,2-Dibromoethane	9.68	107	28384	16.74	ug/l	98
64) Tetrachloroethene	9.34	164	26151	18.26	ug/l	98
65) Chlorobenzene	10.15	112	75366	17.86	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	25185	17.75	ug/l	97
67) Ethyl Benzene	10.26	91	129041	17.94	ug/l	97
68) m/p-Xylenes	10.37	106	100088	35.72	ug/l	98
69) o-Xylene	10.71	106	48516	17.82	ug/l	99
70) Styrene	10.72	104	82131	18.18	ug/l	96
71) Bromoform	10.87	173	21212	17.67	ug/l #	97
73) Isopropylbenzene	11.02	105	132784	18.63	ug/l	99
74) N-amyl acetate	6.48	43	67065	19.65	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	47666	18.78	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	43892m	19.25	ug/l	
77) Bromobenzene	11.26	156	34067	18.21	ug/l	97
78) n-propylbenzene	11.37	91	156877	18.25	ug/l	99
79) 2-Chlorotoluene	11.43	91	88406	18.12	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	110452	18.19	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	12499	17.61	ug/l	93
82) 4-Chlorotoluene	11.52	91	111369	18.58	ug/l	99
83) tert-Butylbenzene	11.78	119	109662	18.51	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	115654	18.53	ug/l	98
85) sec-Butylbenzene	11.96	105	140021	18.88	ug/l	99
86) p-Isopropyltoluene	12.07	119	125754	19.05	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	63830	17.38	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	66949	17.55	ug/l	96
89) n-Butylbenzene	12.40	91	119857	18.68	ug/l	99
90) Hexachloroethane	12.60	117	18773	17.73	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	63702	17.91	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13603	19.80	ug/l	89

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031518\
Data File : VX000327.D
Acq On : 15 Mar 2018 14:37
Operator : JC/MD
Sample : VX0315WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

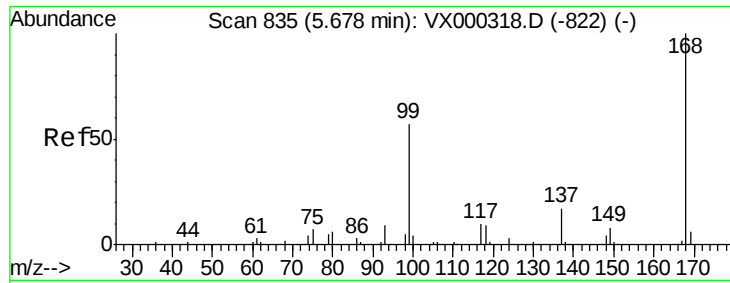
Manual Integrations
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Quant Time: Mar 16 02:55:07 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 03:39:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	48914	19.09	ug/l	98
94) Hexachlorobutadiene	13.79	225	19187	18.99	ug/l	96
95) Naphthalene	13.84	128	168574	18.96	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	47337	18.29	ug/l	98

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



#1

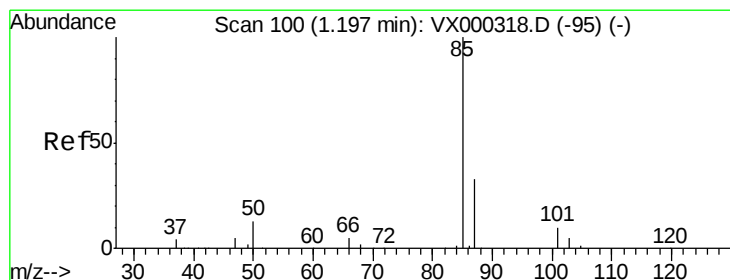
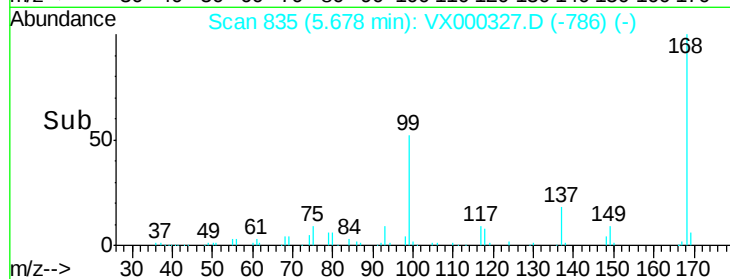
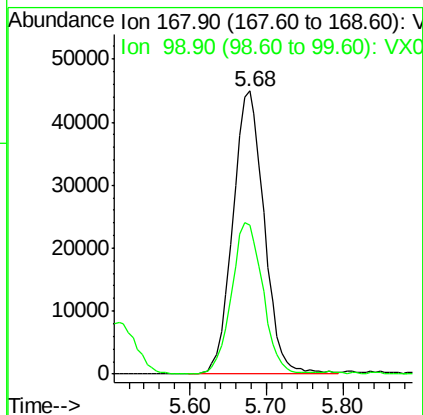
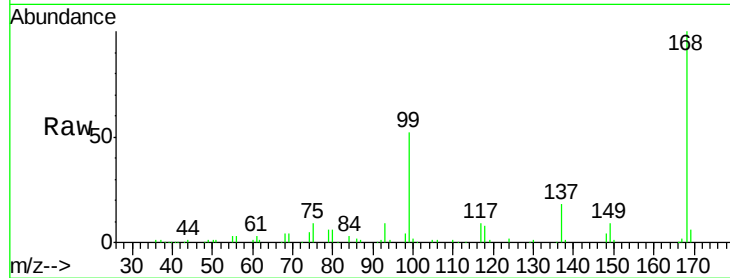
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Tot Ion	Ion	Ratio	Lower	Upper
168	100			
99	52.2	45.8	68.6	

Manual Integrations
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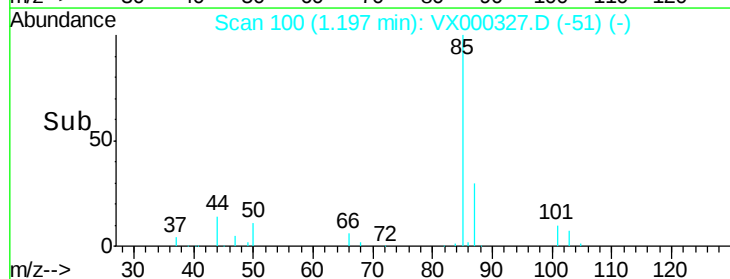
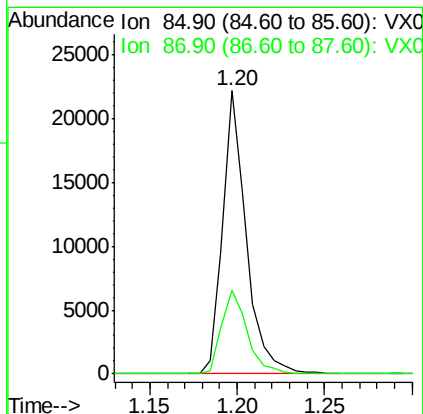
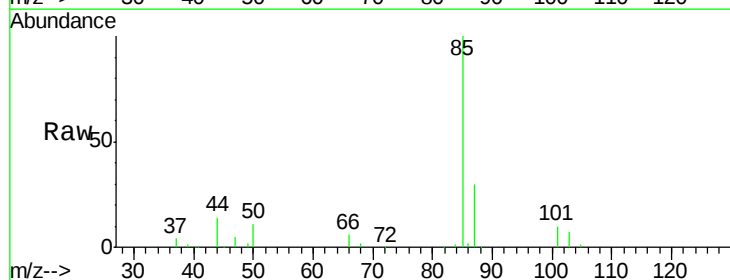
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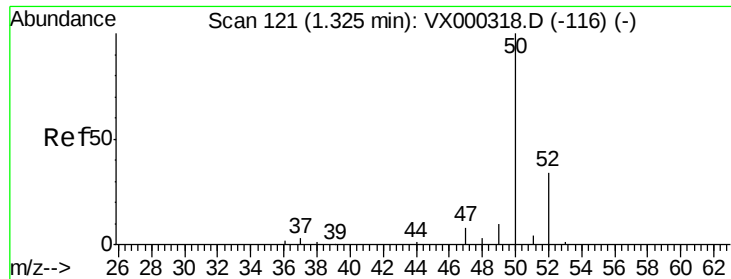


#2

Dichlorodifluoromethane
 Concen: 15.06 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Tgt Ion	Ion	Ratio	Lower	Upper
85	100			
87	29.6	16.8	50.3	





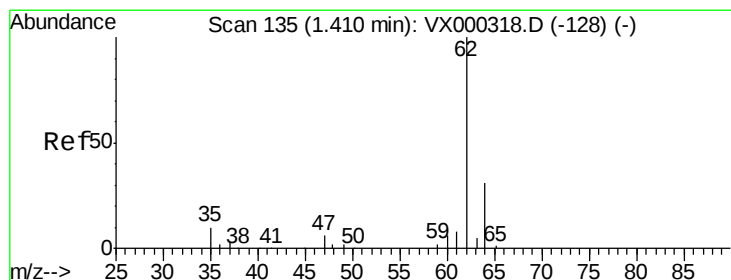
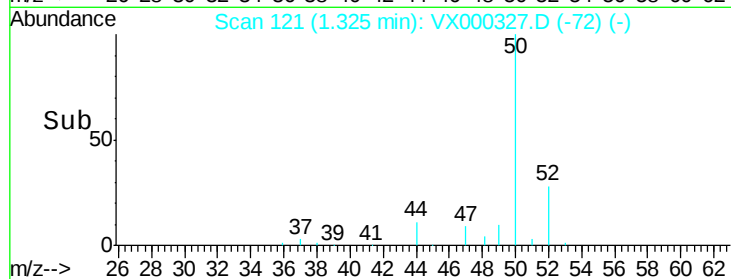
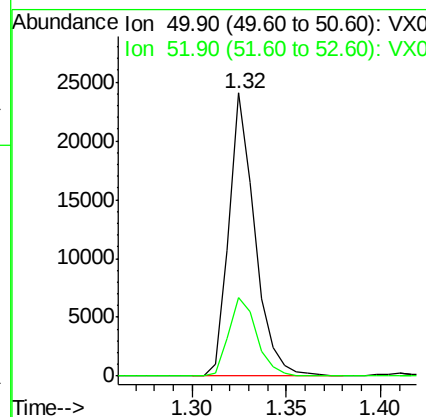
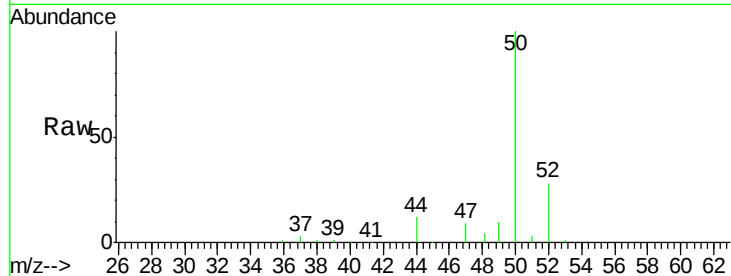
#3
Chloromethane
Concen: 16.44 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion	Ratio	Lower	Upper
50	100		
52	27.7	27.5	41.3

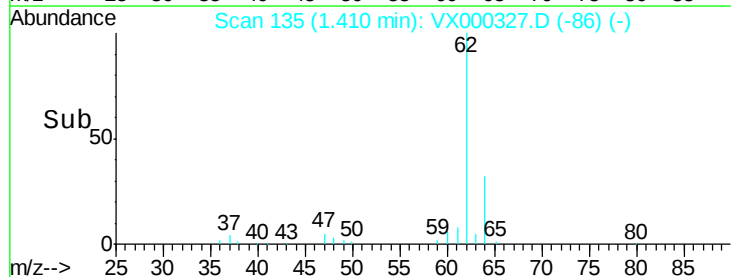
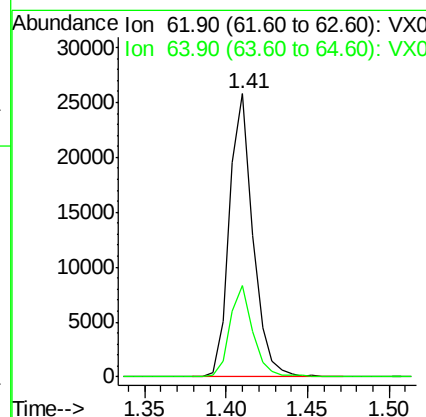
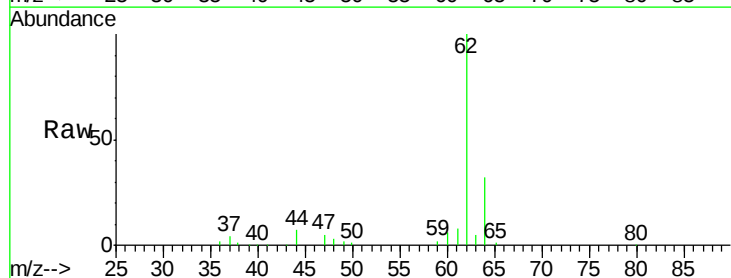
Manual Integrations
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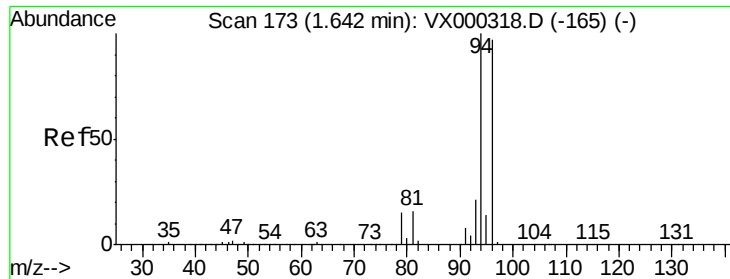
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#4
Vinyl Chloride
Concen: 16.47 ug/l
RT: 1.41 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.1	24.8	37.2





#5

Bromomethane

Concen: 12.75 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

Tot Ion: 94 Resp: 22335

Ion Ratio Lower Upper

94 100

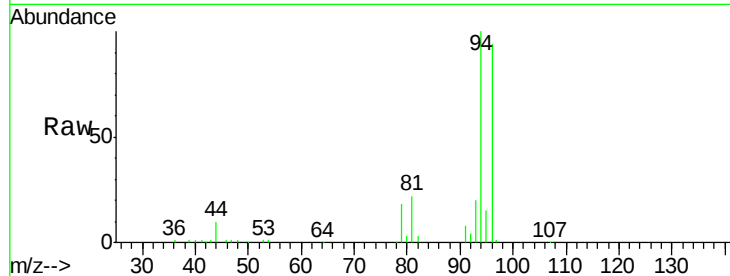
96 93.5 77.7 116.5

Manual Integrations

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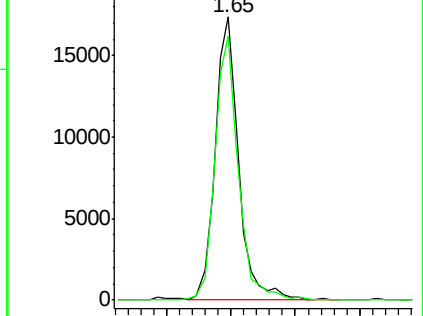
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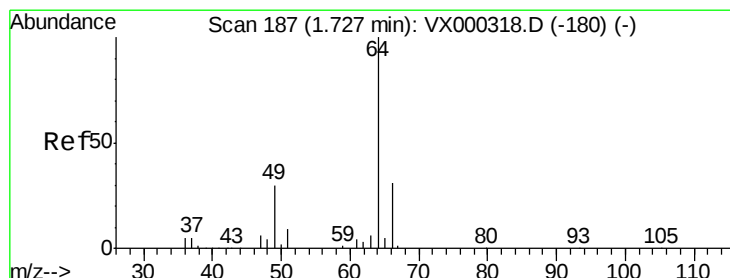
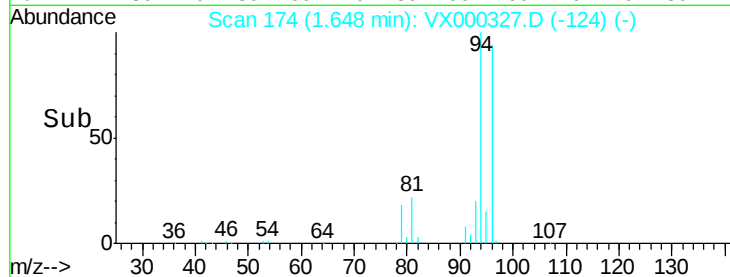


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 15.65 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000327.D

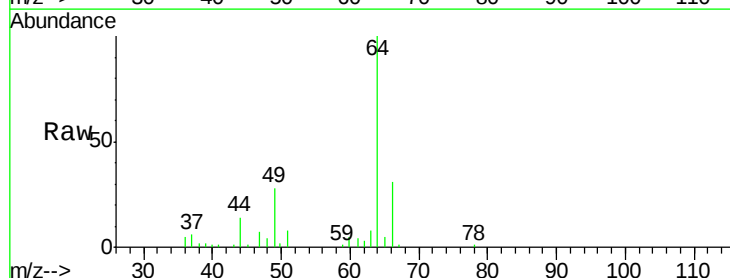
Acq: 15 Mar 2018 14:37

Tgt Ion: 64 Resp: 17463

Ion Ratio Lower Upper

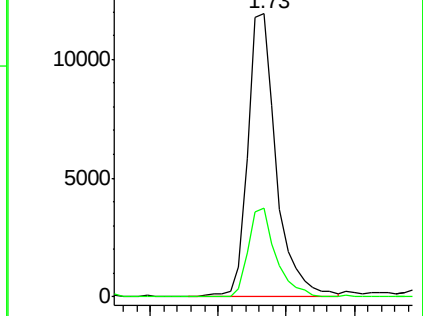
64 100

66 31.4 24.8 37.2

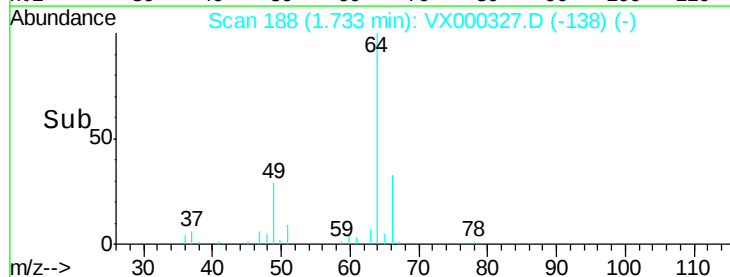


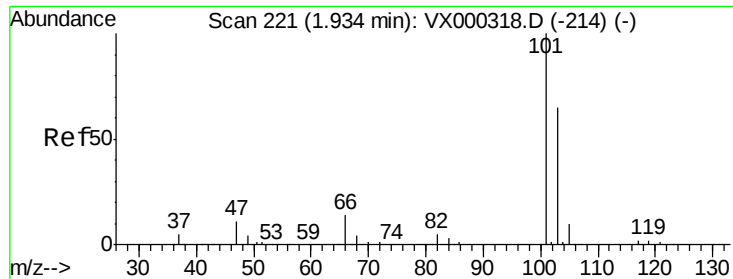
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

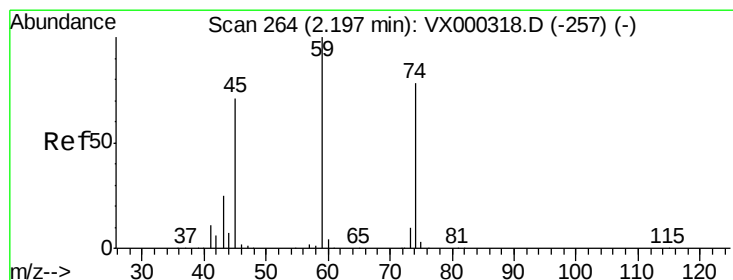
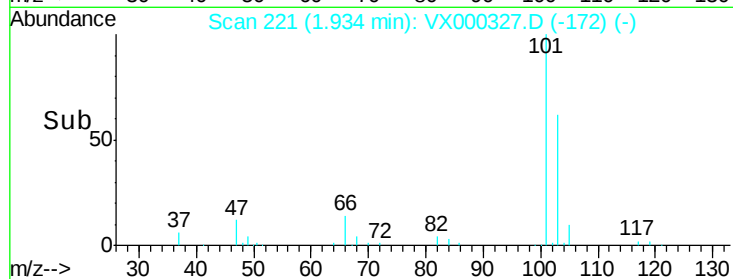
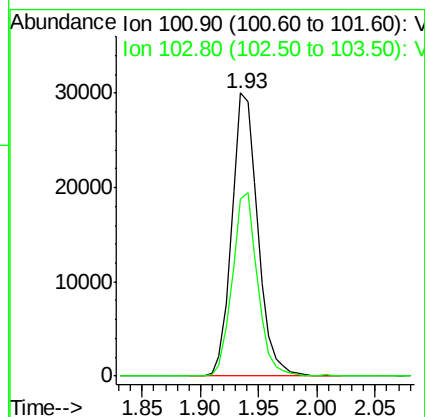
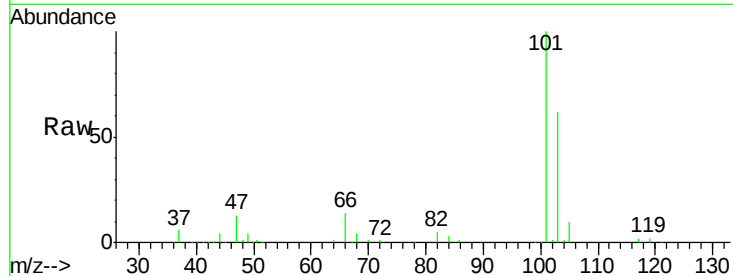
Trichlorofluoromethane
 Concen: 17.13 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Tot Ion:101 Resp: 46693
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.6 77.4

Manual Integrations
 APPROVED

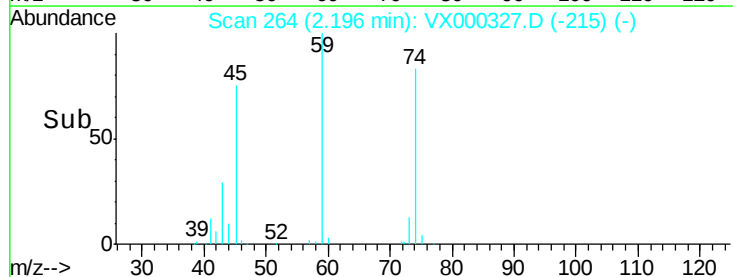
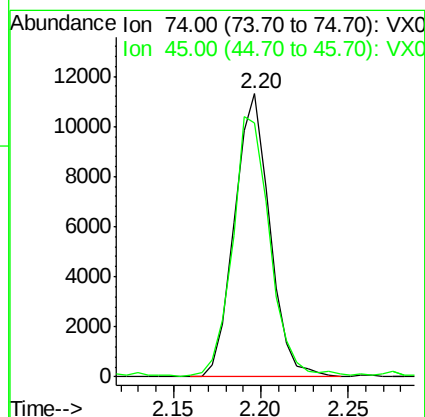
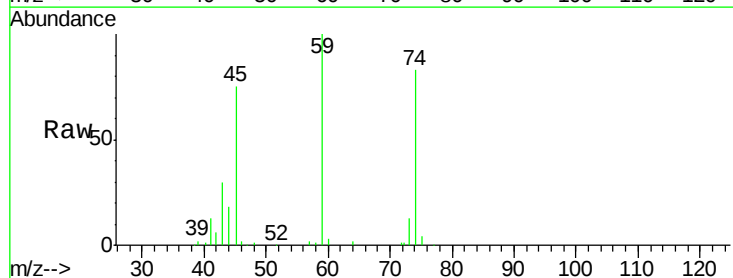
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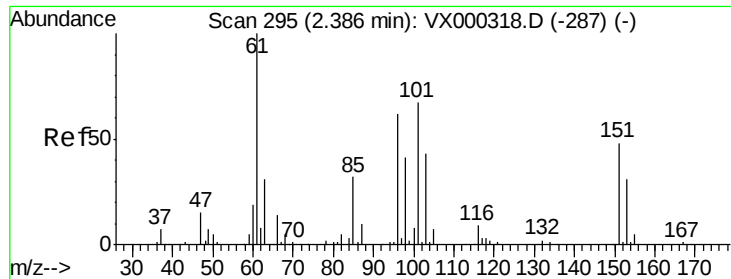


#8

Diethyl Ether
 Concen: 16.35 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Tgt Ion: 74 Resp: 15871
 Ion Ratio Lower Upper
 74 100
 45 97.9 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.32 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

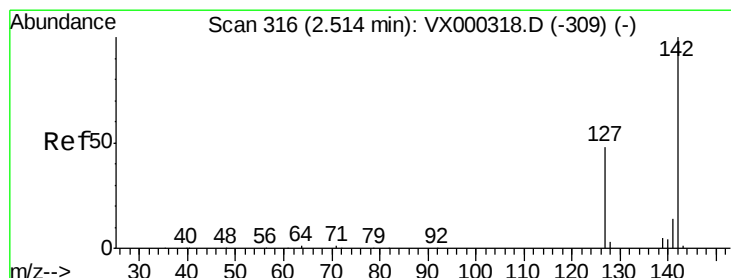
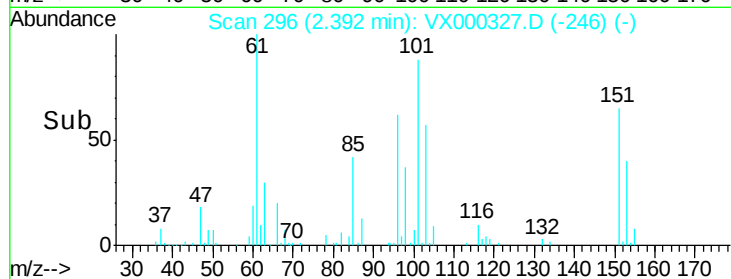
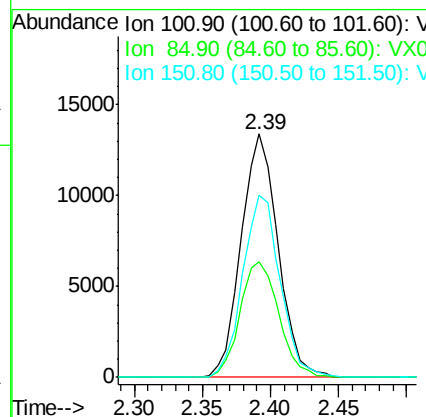
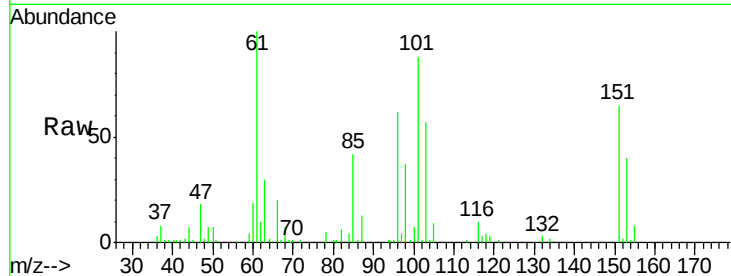
ClientSampleId :

VX0315WBS01

Tot Ion:	101	Resp:	25427
Ion Ratio	Lower	Upper	
101	100		
85	49.9	37.6	56.4
151	75.9	62.6	93.8

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#10

Methyl Iodide

Concen: 13.56 ug/l

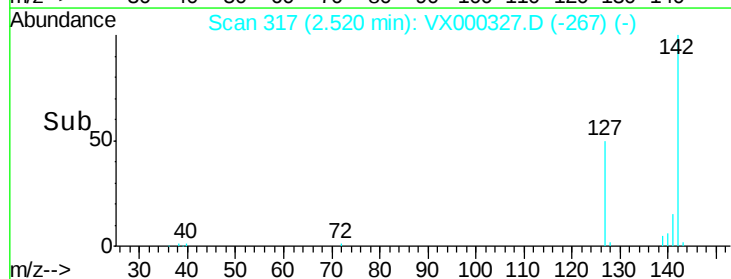
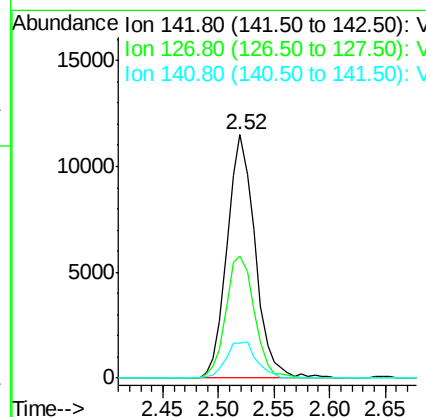
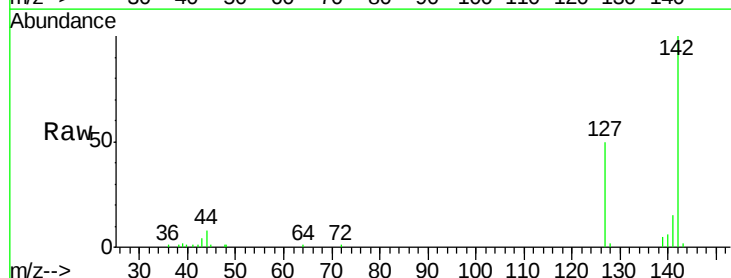
RT: 2.52 min Scan# 317

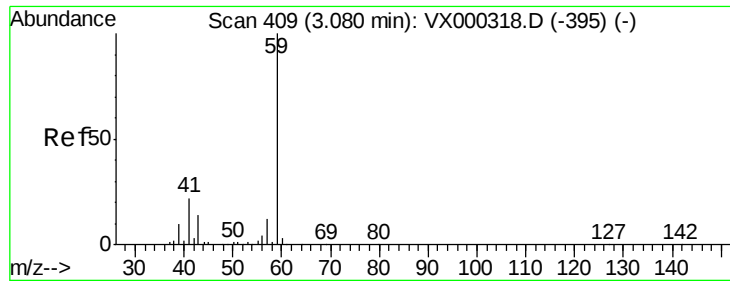
Delta R.T. 0.01 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Tgt Ion:	142	Resp:	20112
Ion Ratio	Lower	Upper	
142	100		
127	50.8	39.2	58.8
141	16.0	11.7	17.5





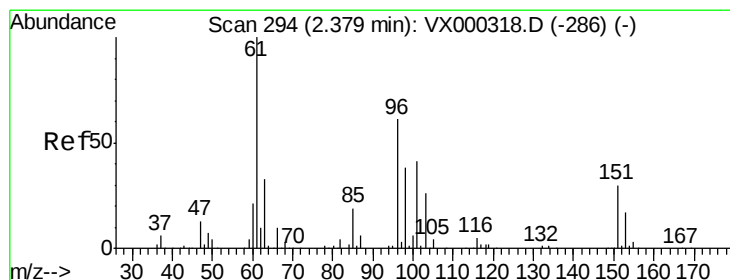
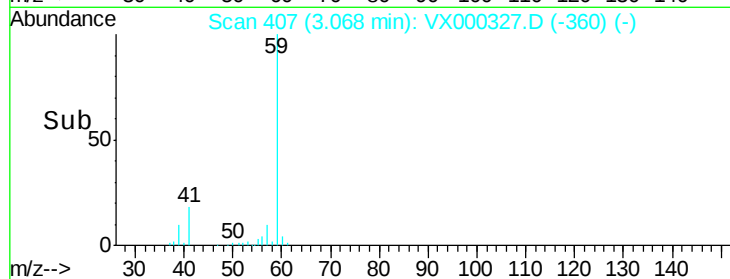
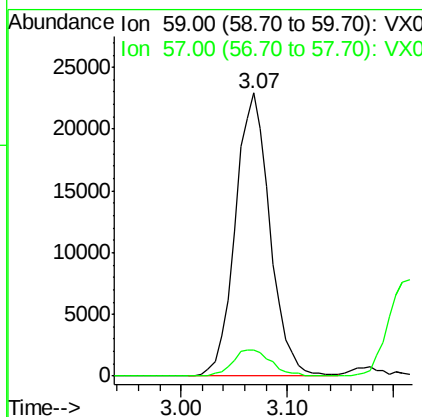
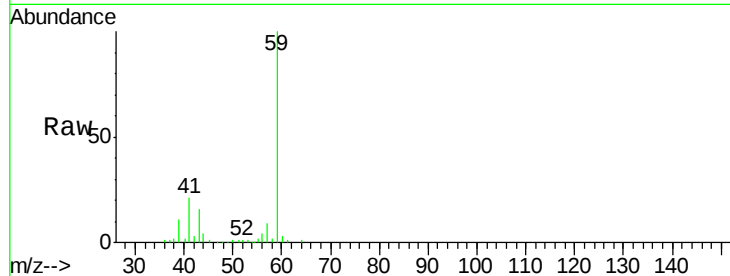
#11
Tert butyl alcohol
Concen: 91.57 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.4	12.6

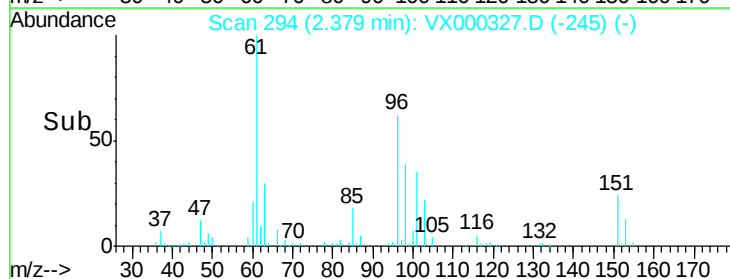
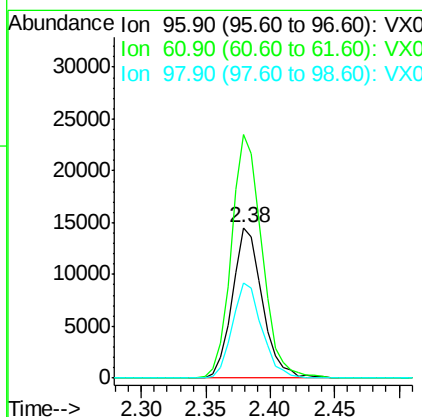
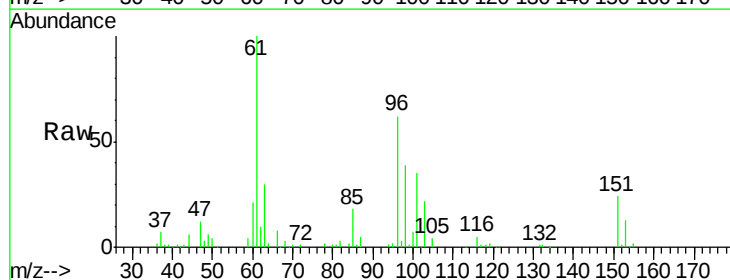
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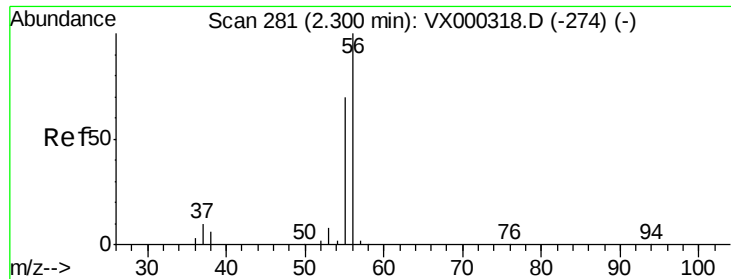
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#12
1,1-Dichloroethene
Concen: 17.01 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.5	131.2	196.8
98	63.3	49.8	74.8





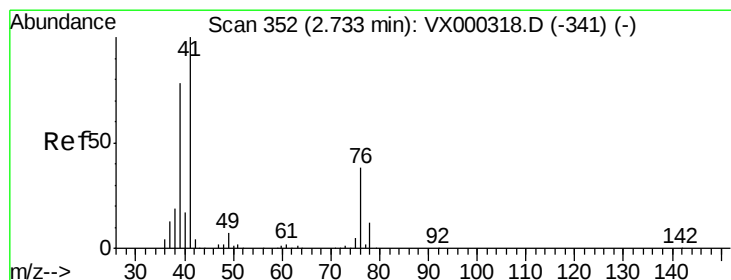
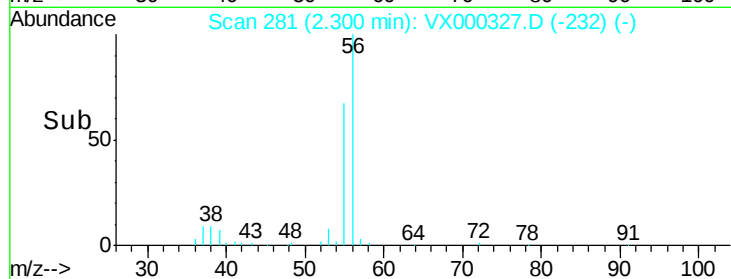
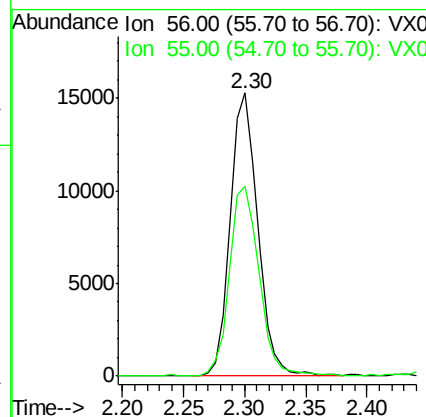
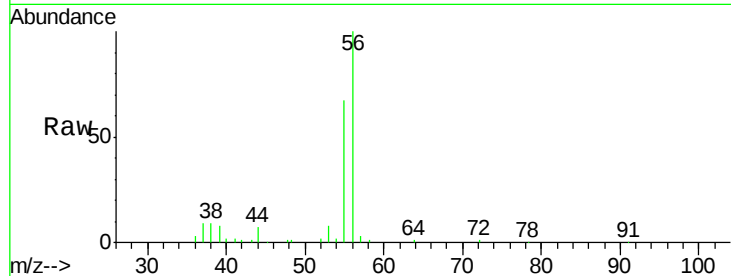
#13
Acrolein
Concen: 96.95 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion	56	55	Ratio	100	72.4	Resp	23827	Lower	58.8	Upper	88.2

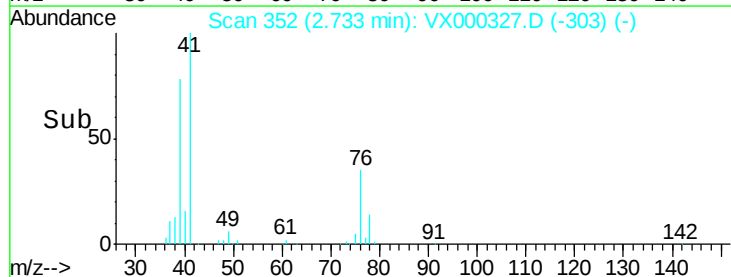
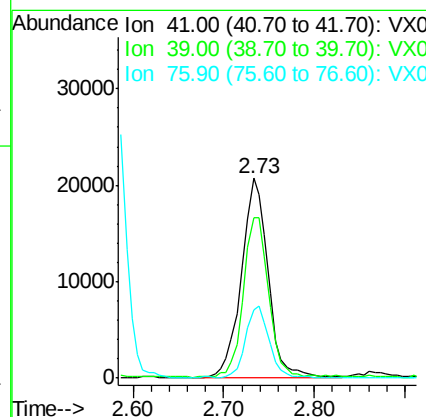
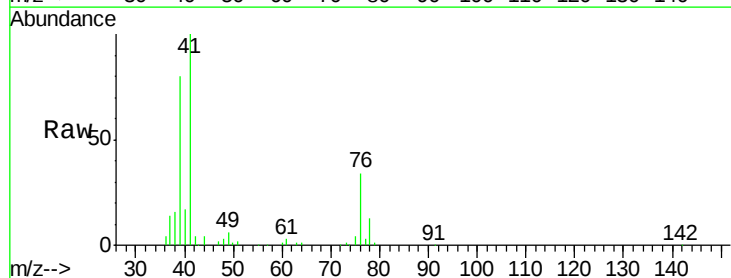
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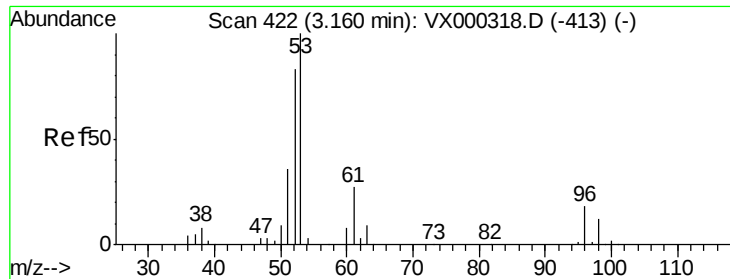
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#14
Allyl chloride
Concen: 17.21 ug/l
RT: 2.73 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion	41	39	76	Ratio	100	74.5	31.7	Resp	42754	Lower	57.6	Upper	86.4	40.9





#15

Acrylonitrile

Concen: 89.30 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

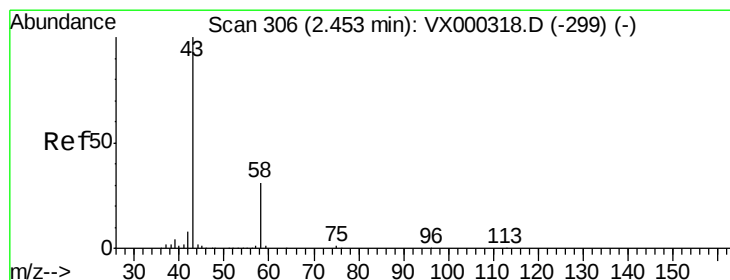
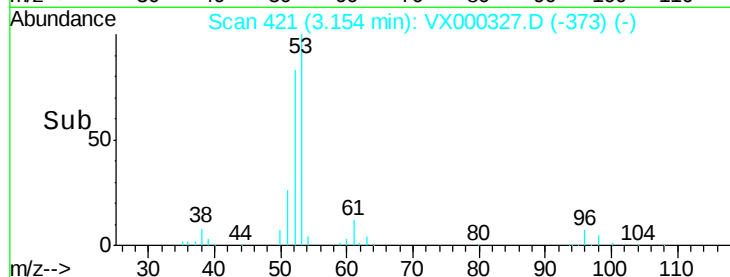
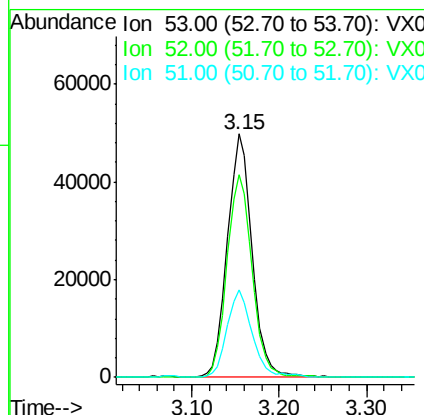
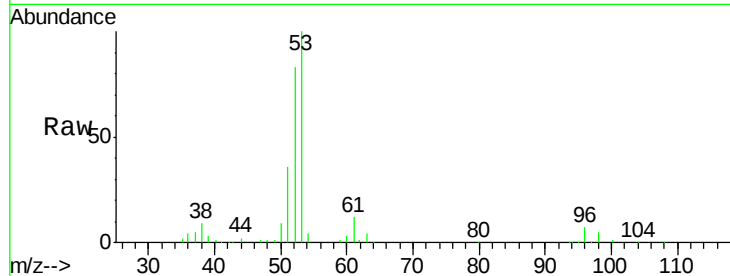
ClientSampleId :

VX0315WBS01

Tot Ion:	53	Resp:	98361
Ion Ratio	Lower	Upper	
53	100		
52	84.7	66.6	99.8
51	37.0	29.3	43.9

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#16

Acetone

Concen: 92.90 ug/l

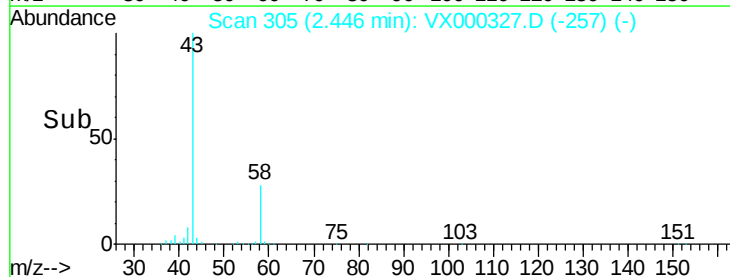
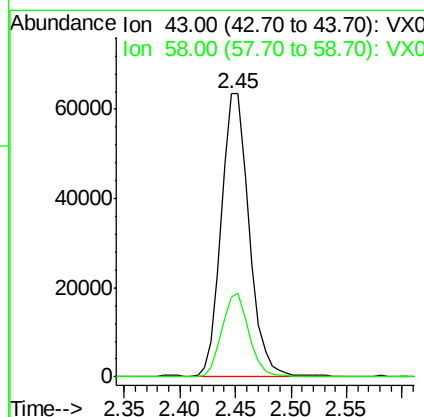
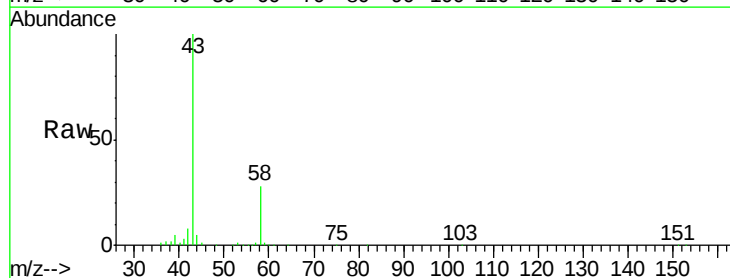
RT: 2.45 min Scan# 305

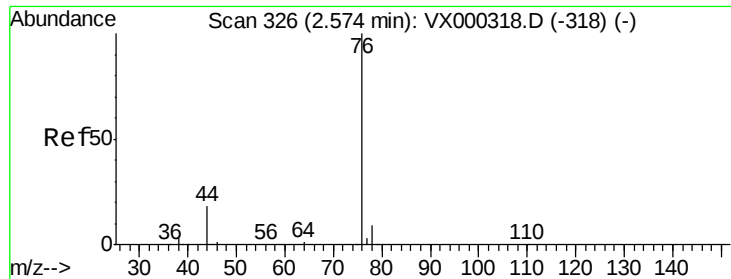
Delta R.T. -0.01 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Tgt Ion:	43	Resp:	109505
Ion Ratio	Lower	Upper	
43	100		
58	28.1	24.7	37.1





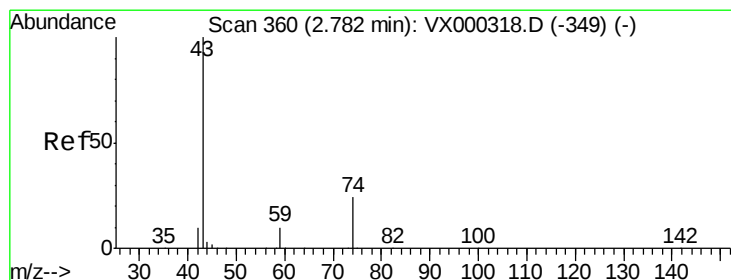
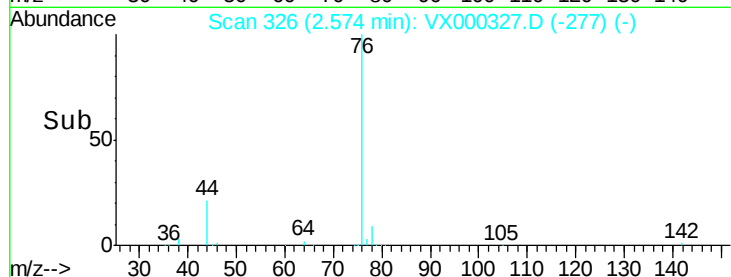
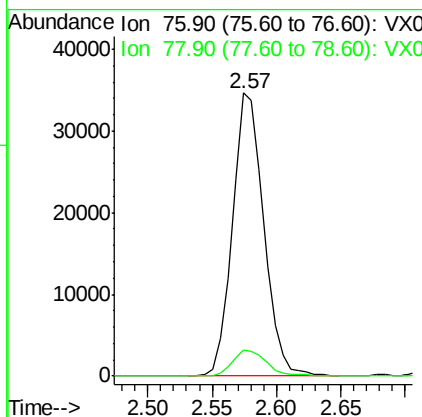
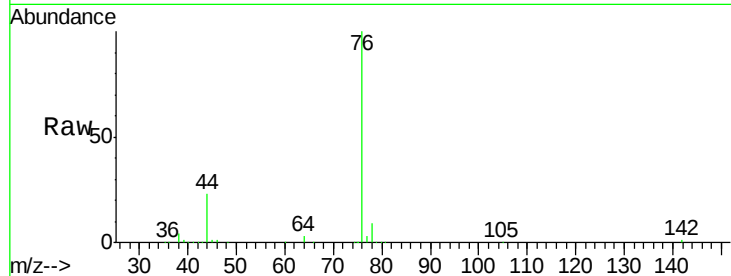
#17
Carbon Disulfide
Concen: 14.36 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

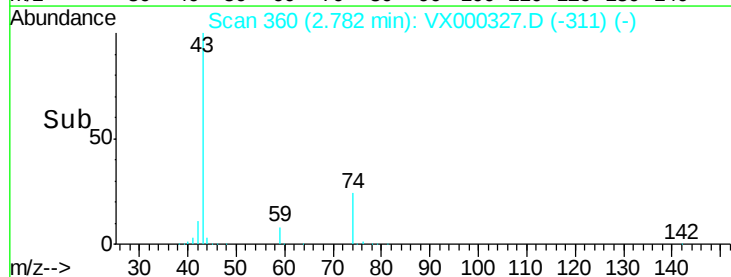
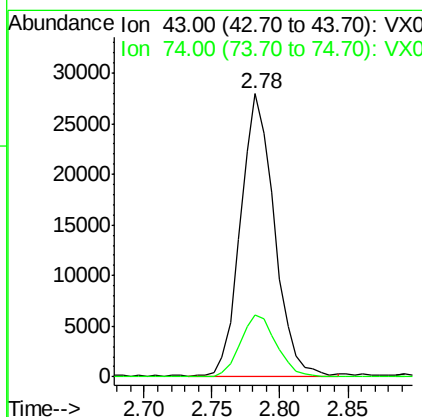
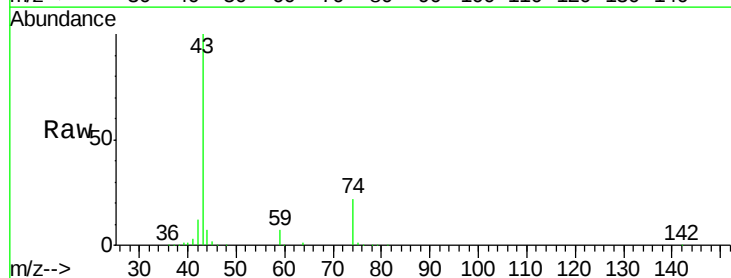
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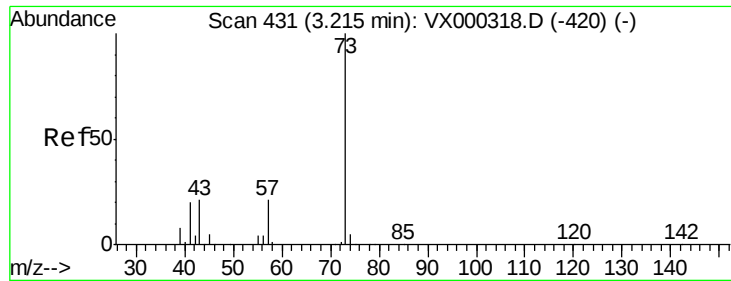
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#18
Methyl Acetate
Concen: 18.29 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.4	29.2





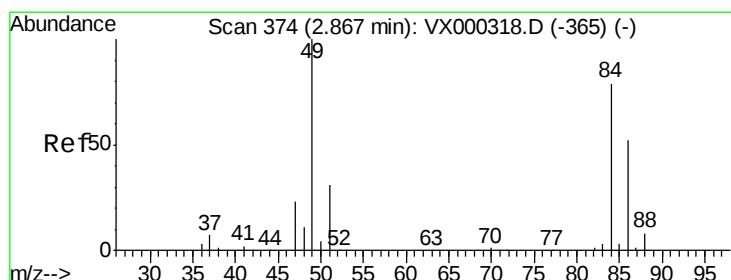
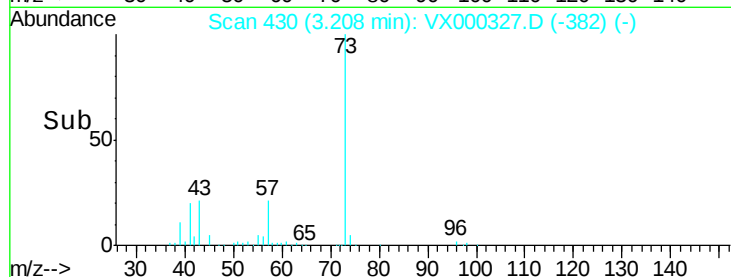
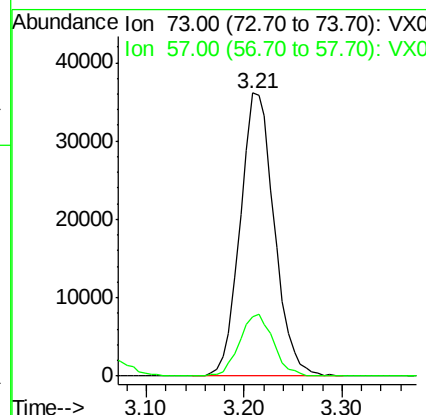
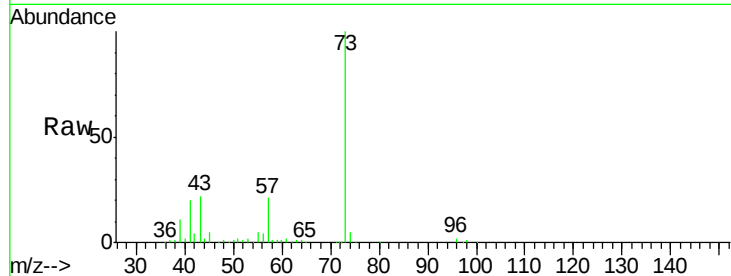
#19
Methyl tert-butyl Ether
Concen: 17.81 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion: 73 Resp: 87329
Ion Ratio Lower Upper
73 100
57 21.1 17.2 25.8

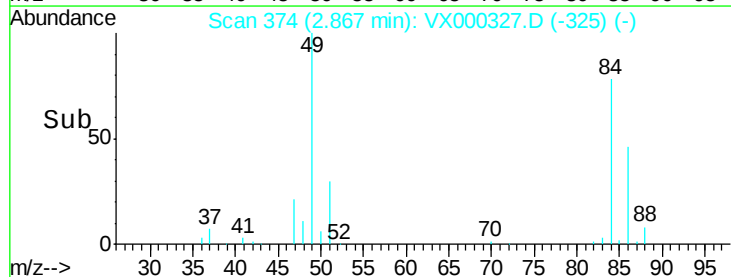
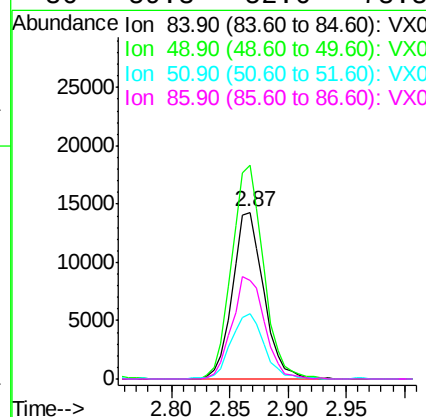
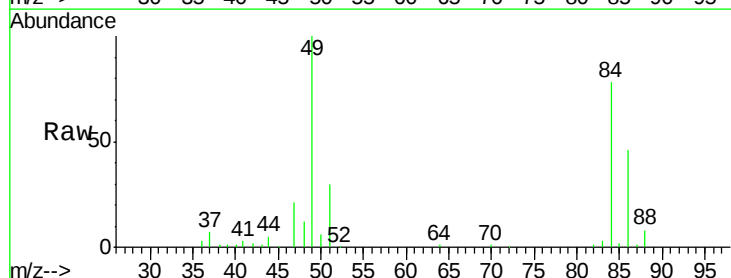
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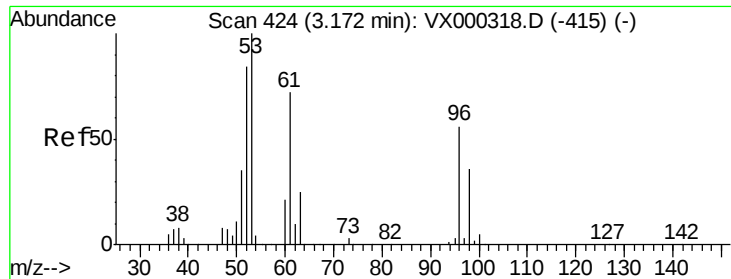
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#20
Methylene Chloride
Concen: 17.52 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion: 84 Resp: 26731
Ion Ratio Lower Upper
84 100
49 128.3 100.6 151.0
51 38.9 31.6 47.4
86 59.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 15.82 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

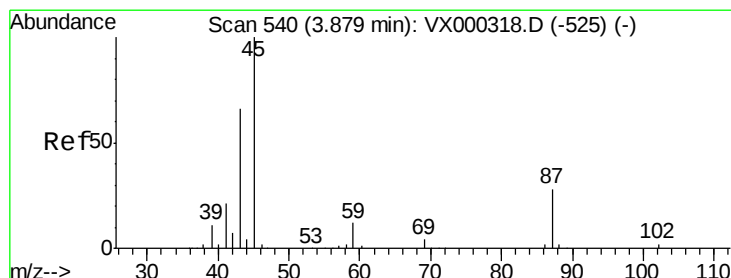
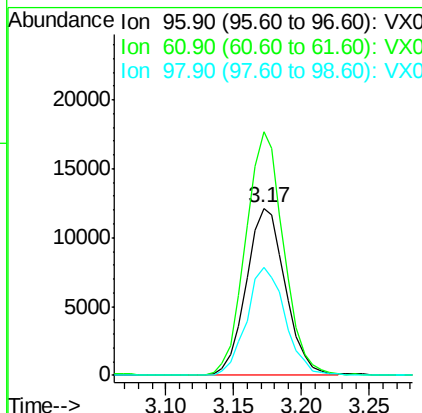
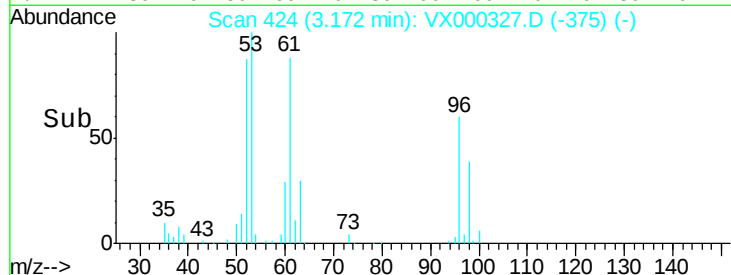
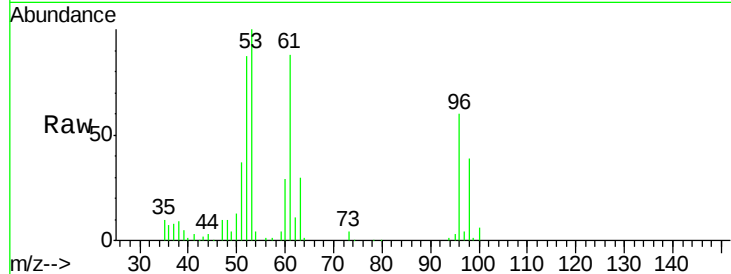
ClientSampleId :

VX0315WBS01

Tot Ion:	96	Resp:	24360
Ion	Ratio	Lower	Upper
96	100		
61	145.9	104.0	156.0
98	65.0	52.1	78.1

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#22

Diisopropyl ether

Concen: 19.49 ug/l

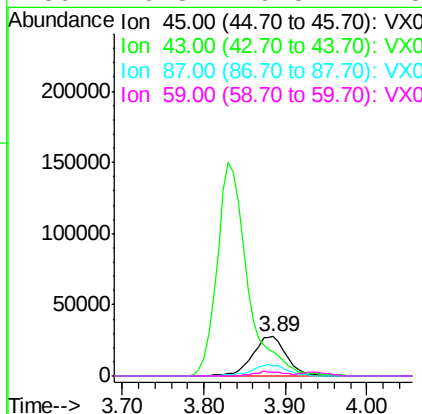
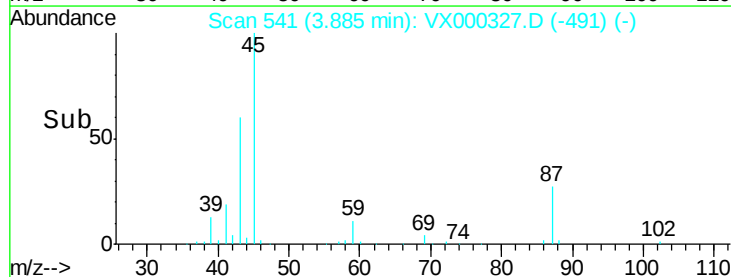
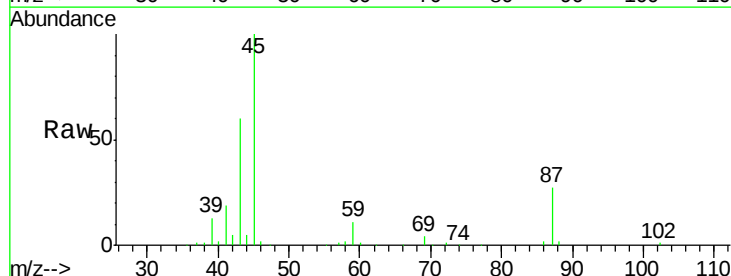
RT: 3.89 min Scan# 541

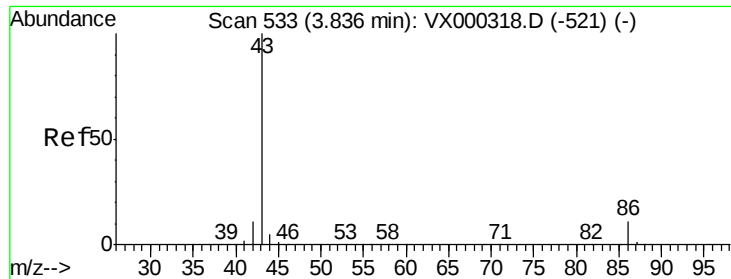
Delta R.T. 0.01 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Tgt Ion:	45	Resp:	80598
Ion	Ratio	Lower	Upper
45	100		
43	59.0	53.9	80.9
87	26.9	22.6	34.0
59	10.8	9.5	14.3





#23

Vinyl Acetate

Concen: 99.22 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

Tot Ion: 43 Resp: 391007

Ion Ratio Lower Upper

43 100

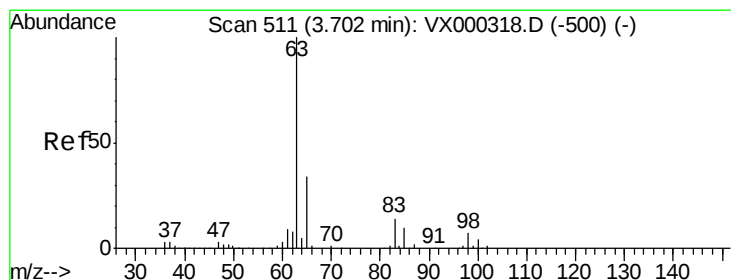
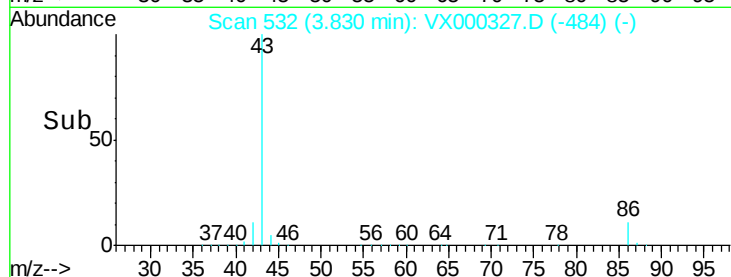
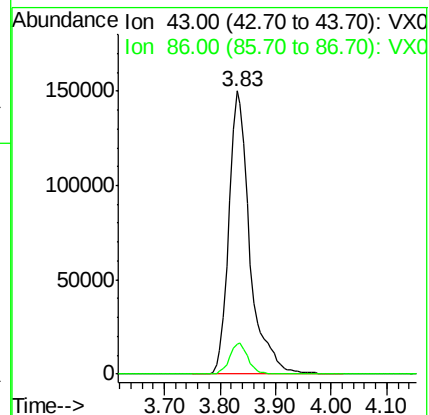
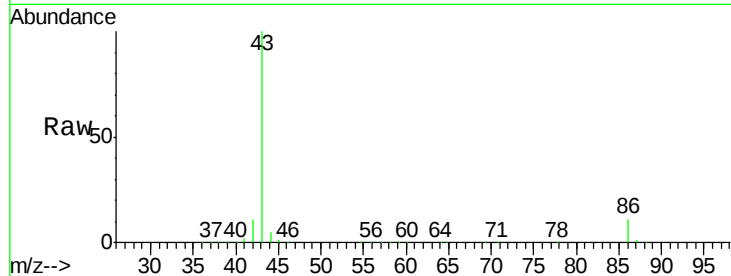
86 10.6 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 17.81 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

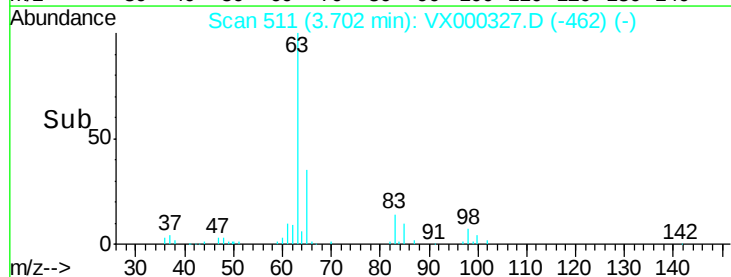
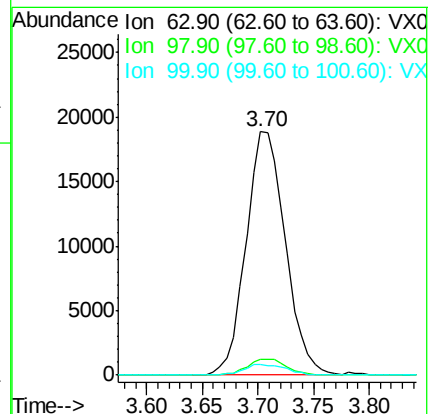
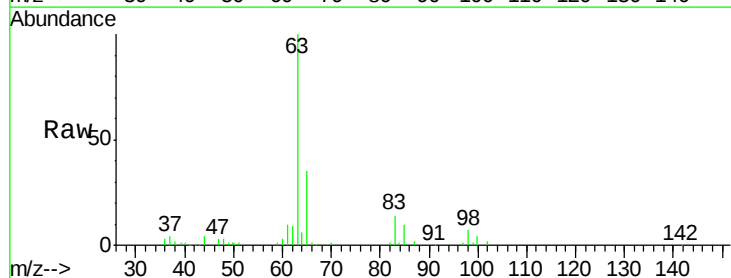
Tgt Ion: 63 Resp: 46336

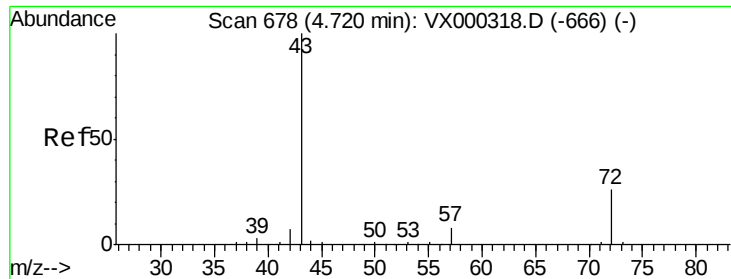
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 4.4 2.0 5.8





#25

2-Butanone

Concen: 94.59 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampled :

VX0315WBS01

Tot Ion: 43 Resp: 133260

Ion Ratio Lower Upper

43 100

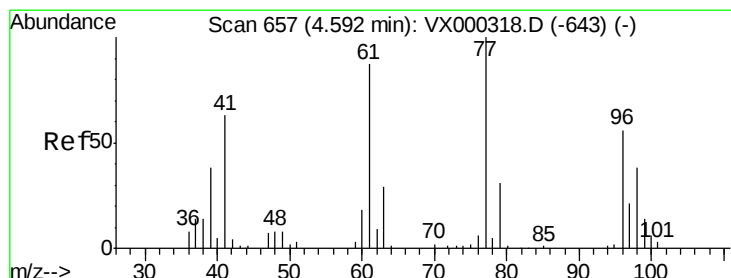
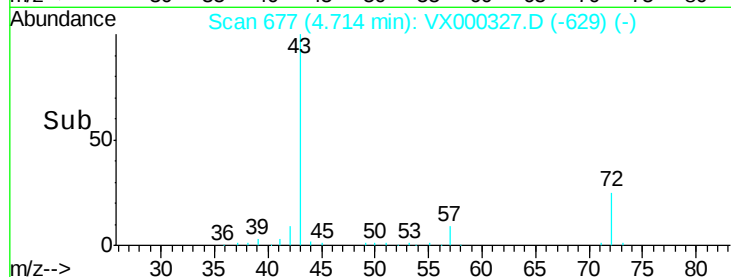
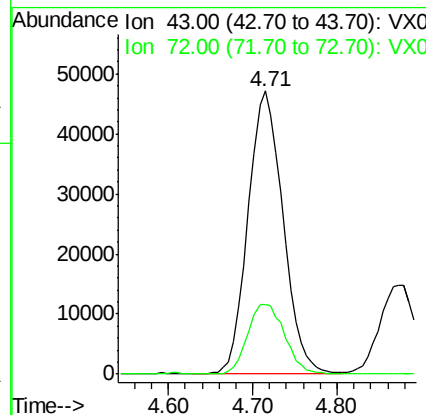
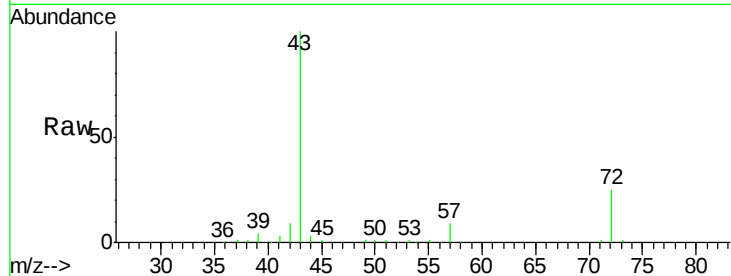
72 24.5 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.00 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000327.D

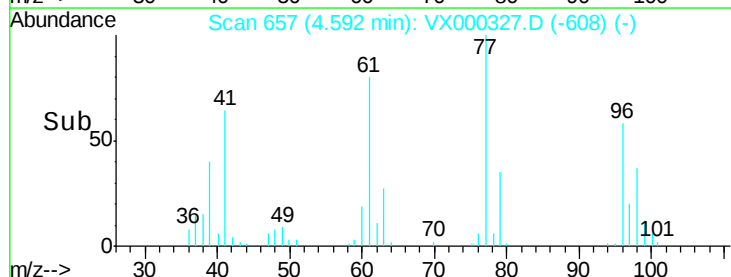
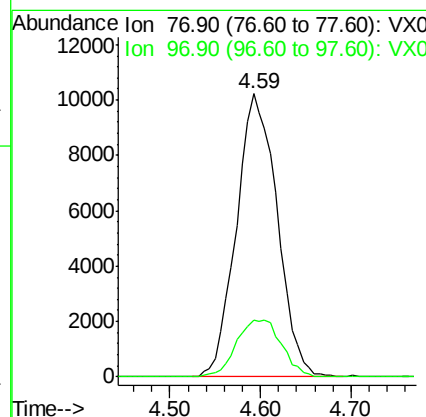
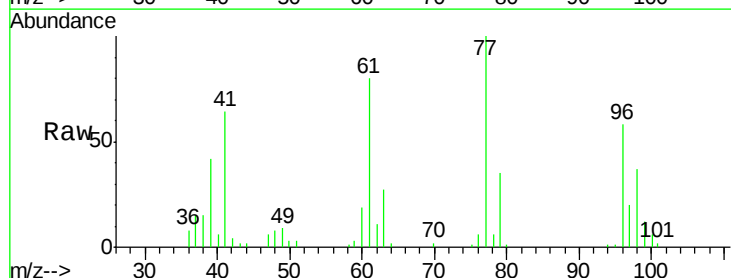
Acq: 15 Mar 2018 14:37

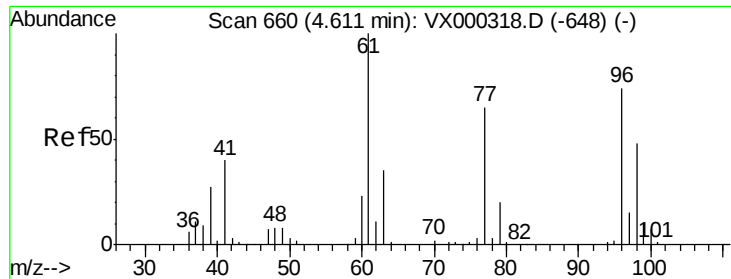
Tgt Ion: 77 Resp: 31908

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.8





#27

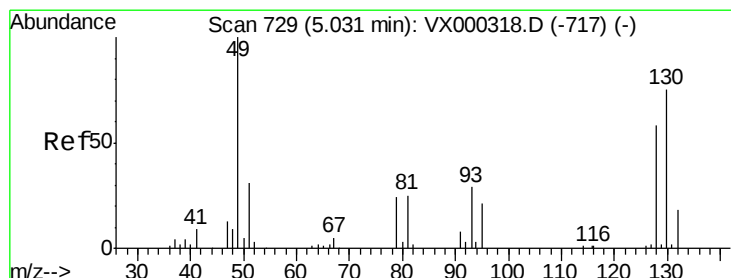
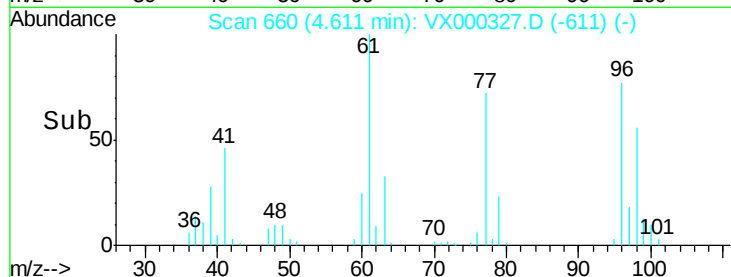
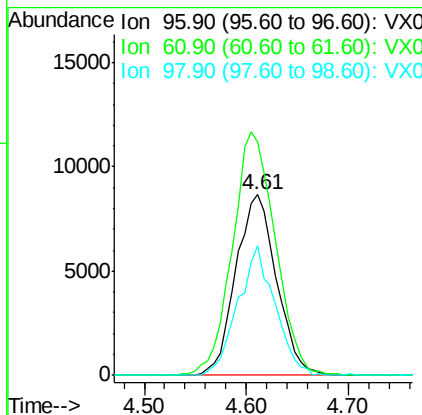
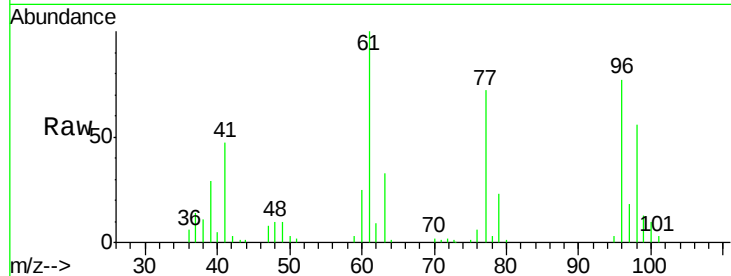
cis-1,2-Dichloroethene
Concen: 17.09 ug/l
RT: 4.61 min Scan# 660
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	291.6
98	65.0	0.0	132.0

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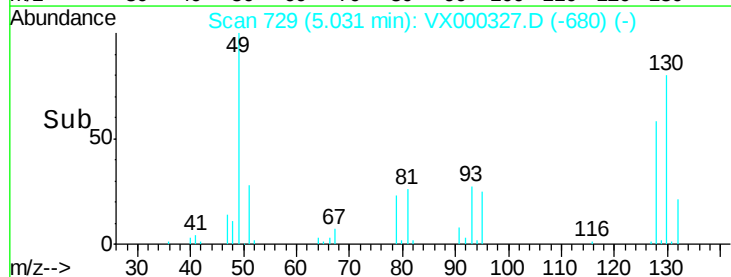
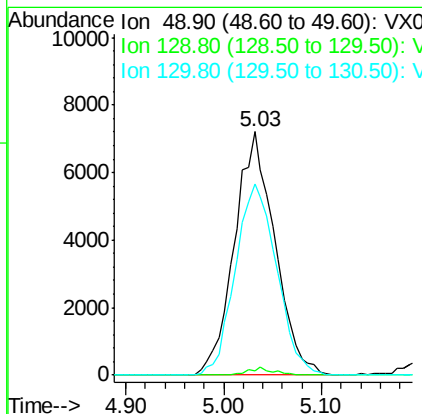
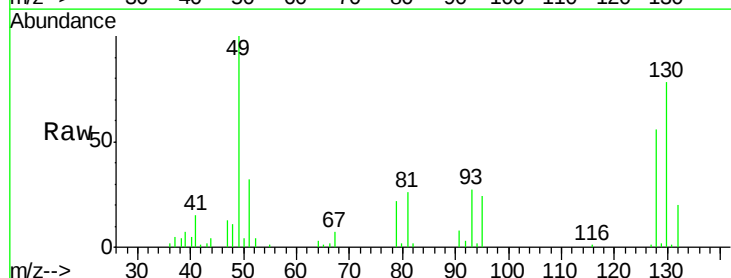
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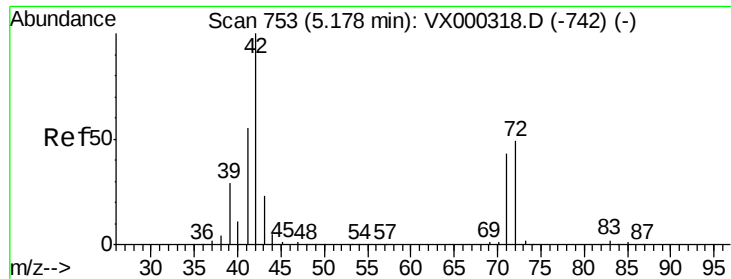


#28

Bromochloromethane
Concen: 18.95 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	5.0
130	80.1	64.0	96.0





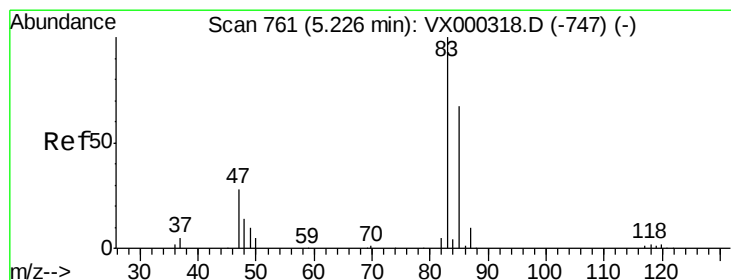
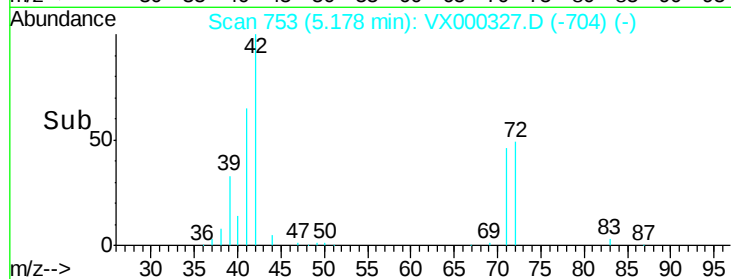
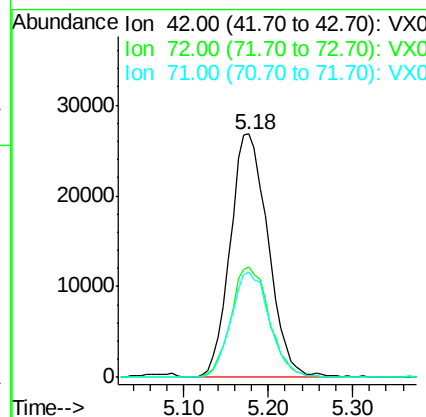
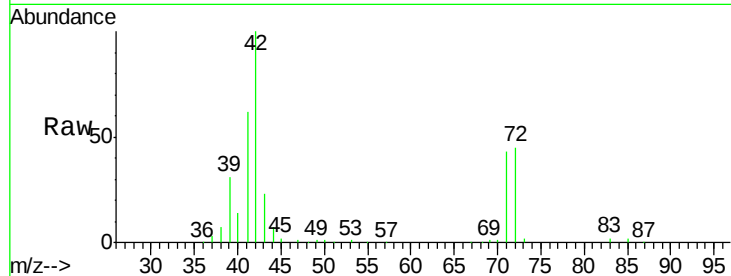
#29
Tetrahydrofuran
Concen: 90.57 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	37.9	56.9
71	43.6	34.4	51.6

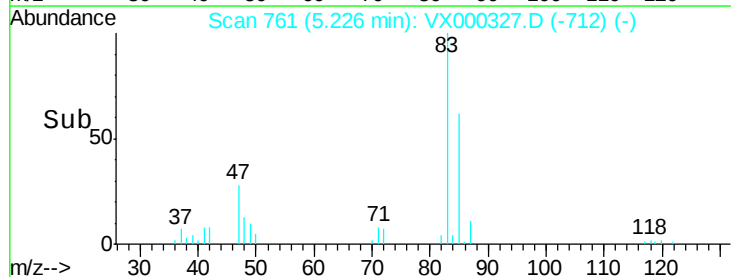
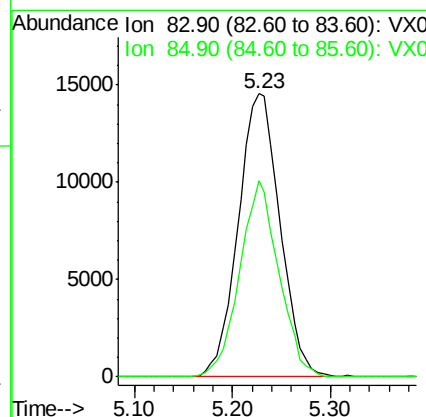
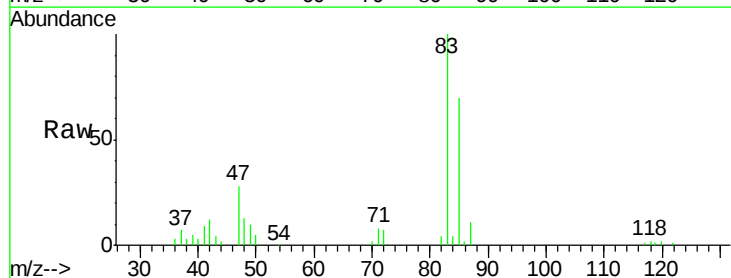
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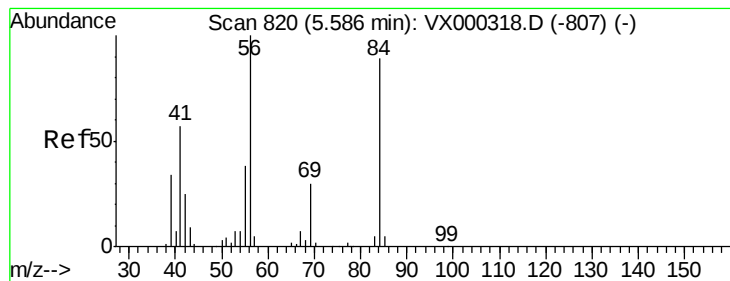
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#30
Chloroform
Concen: 17.53 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.5	53.3	79.9





#31

Cyclohexane

Concen: 16.37 ug/l

RT: 5.59 min Scan# 821

Delta R.T. 0.01 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

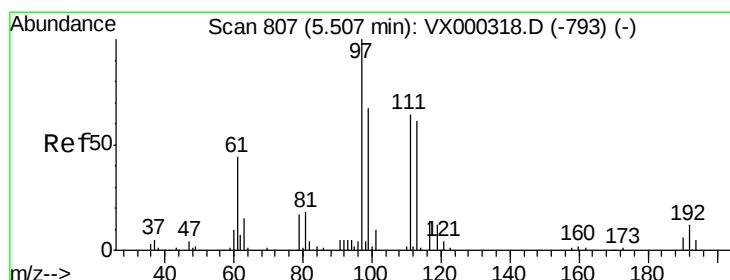
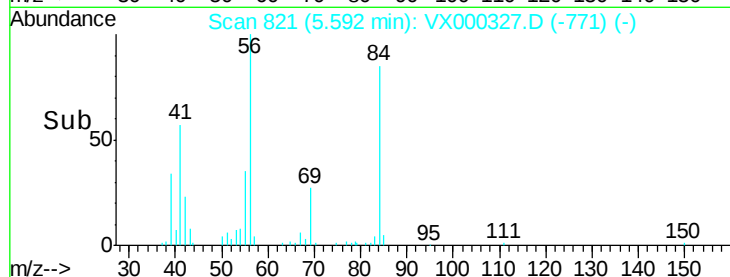
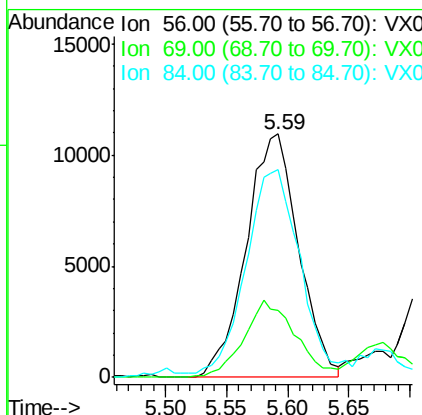
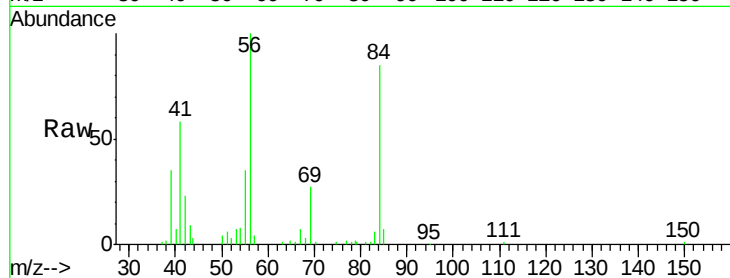
ClientSampleId :

VX0315WBS01

Tot Ion:	56	Resp:	32673
Ion	Ratio	Lower	Upper
56	100		
69	26.8	23.4	35.0
84	83.6	71.0	106.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.49 ug/l

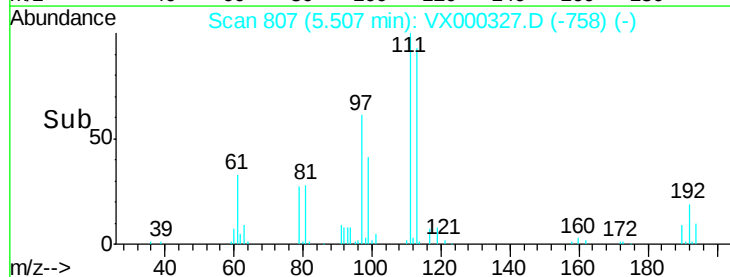
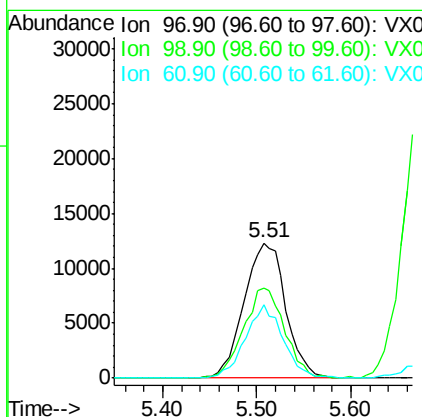
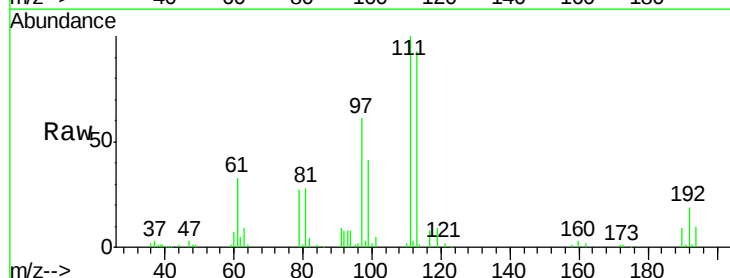
RT: 5.51 min Scan# 807

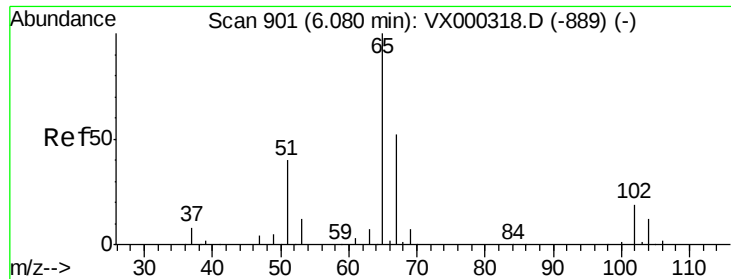
Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Tgt Ion:	97	Resp:	37961
Ion	Ratio	Lower	Upper
97	100		
99	65.6	52.1	78.1
61	48.7	36.2	54.4





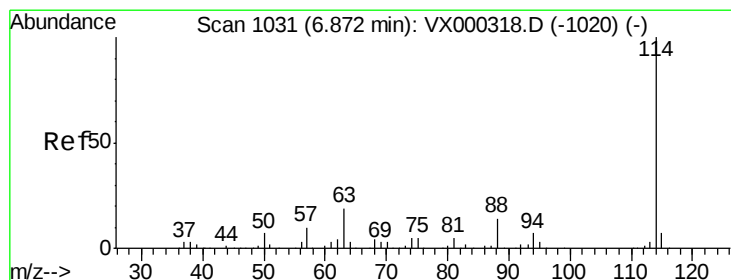
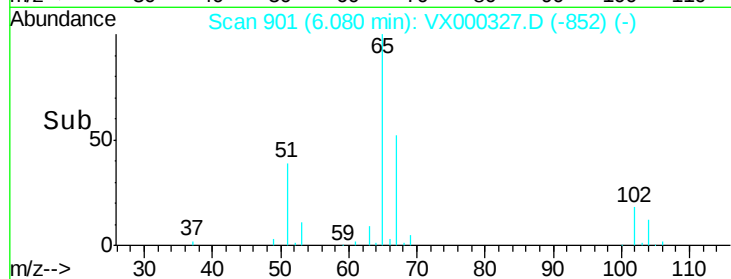
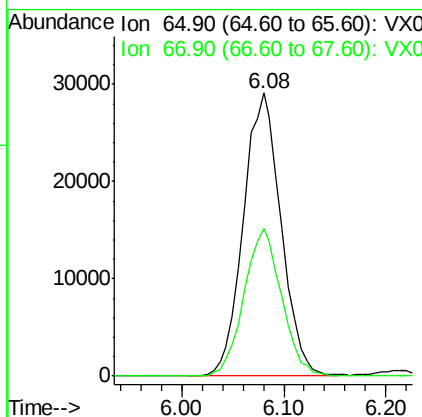
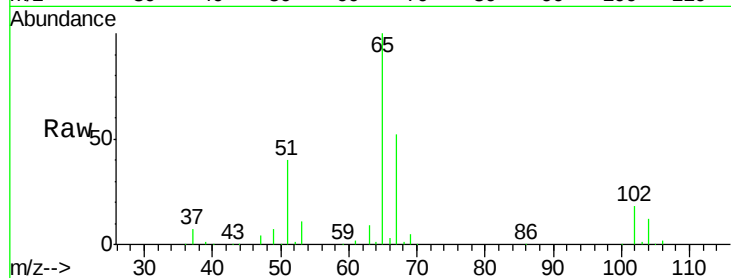
#33
 1,2-Dichloroethane-d4
 Concen: 42.22 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.2

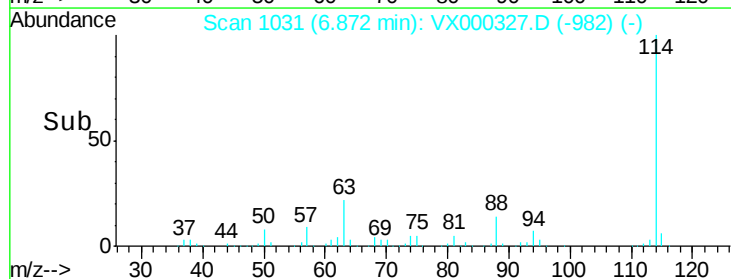
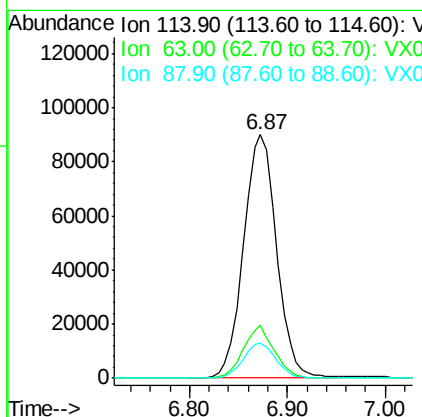
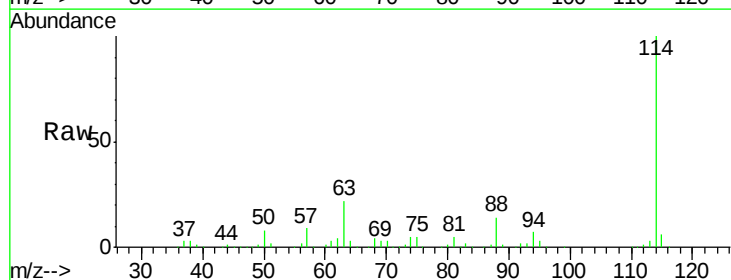
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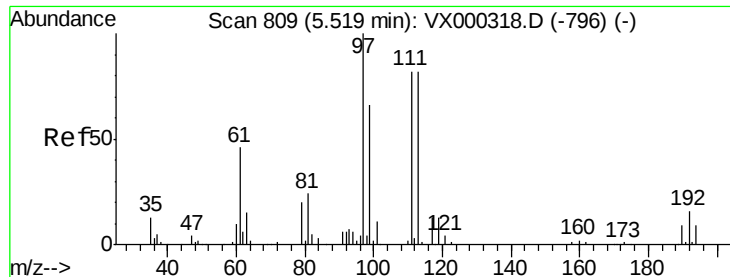
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	38.4
88	14.2	0.0	27.0





#35

Dibromofluoromethane

Concen: 43.62 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

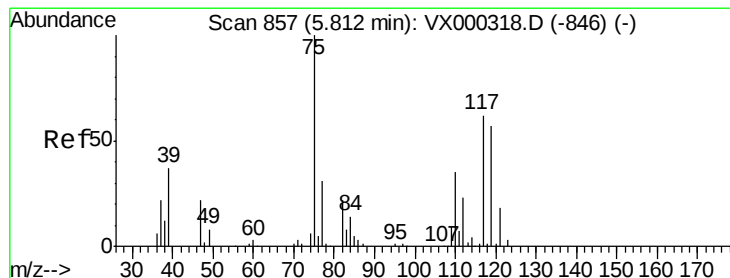
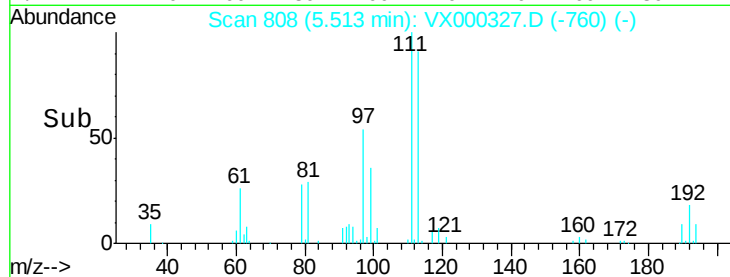
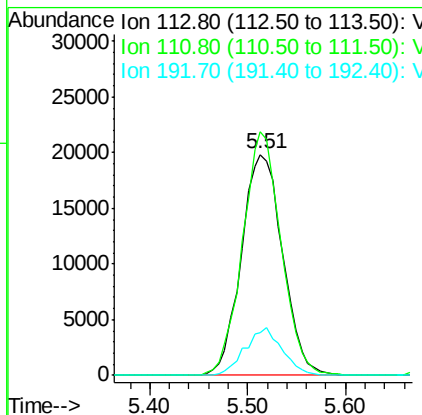
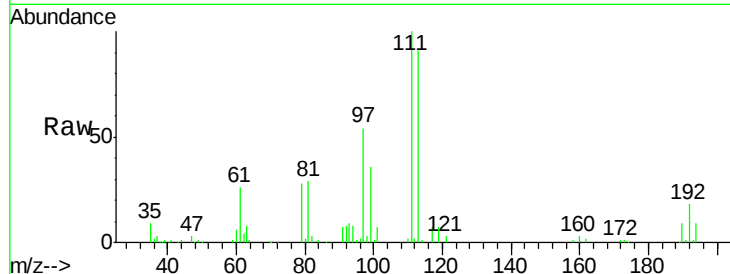
ClientSampleId :

VX0315WBS01

Tot Ion:	113	Resp:	57942
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.4	123.6
192	19.5	15.8	23.6

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#36

1,1-Dichloropropene

Concen: 16.82 ug/l

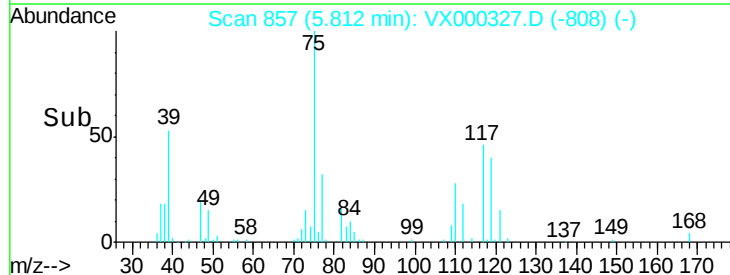
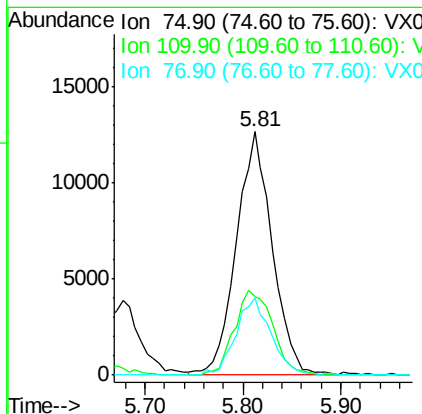
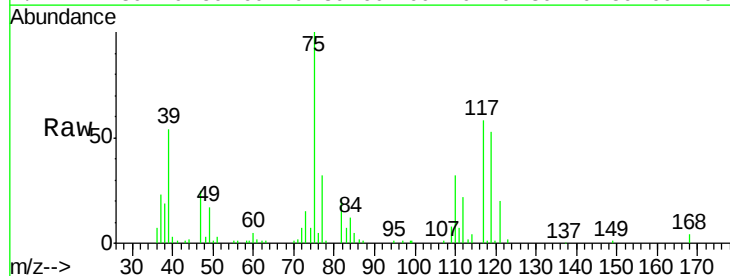
RT: 5.81 min Scan# 857

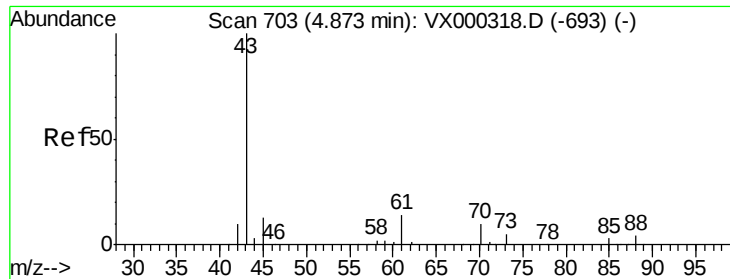
Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Tgt Ion:	75	Resp:	32183
Ion	Ratio	Lower	Upper
75	100		
110	37.2	17.9	53.7
77	30.9	24.0	36.0





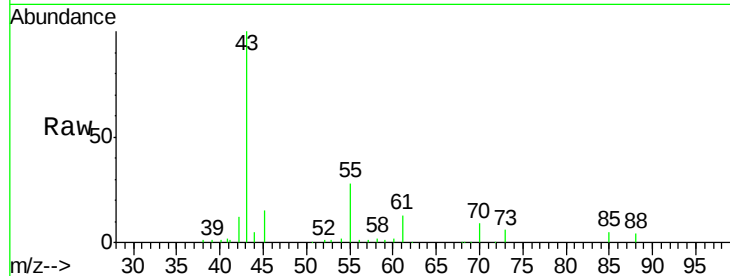
#37
Ethyl Acetate
Concen: 17.76 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

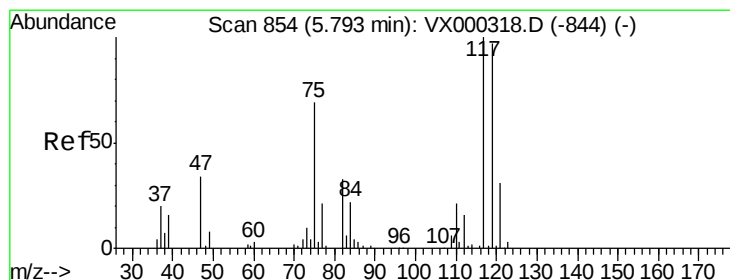
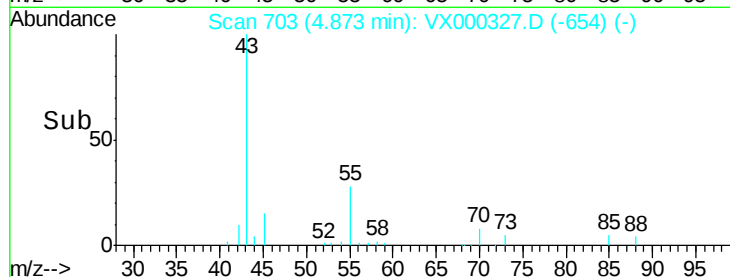
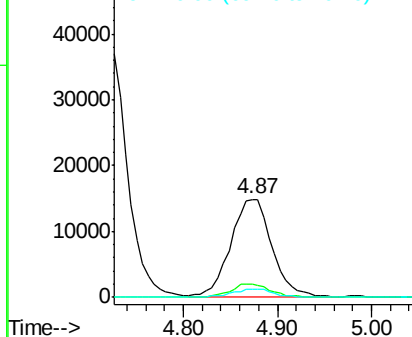
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.1	16.7
70	8.6	7.7	11.5

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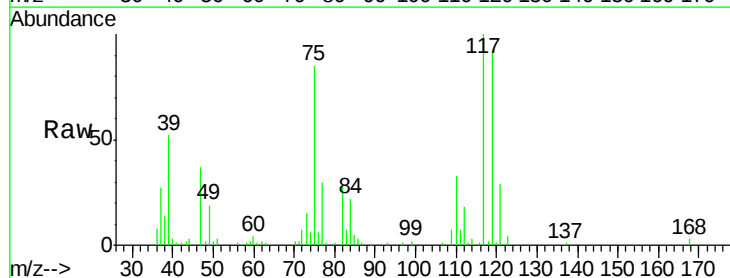


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

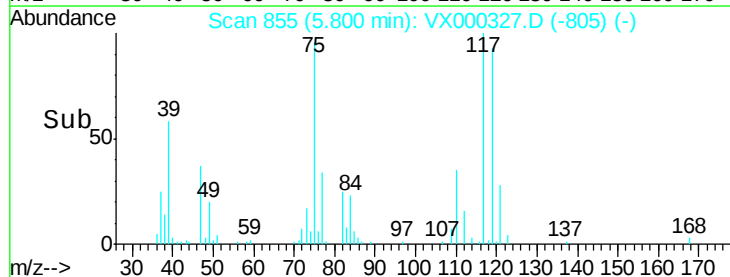
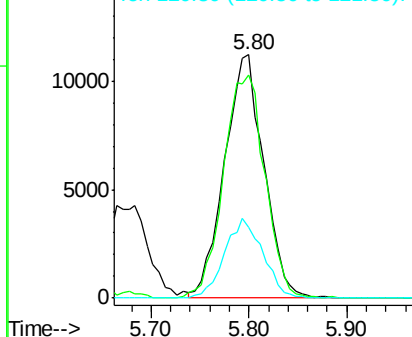


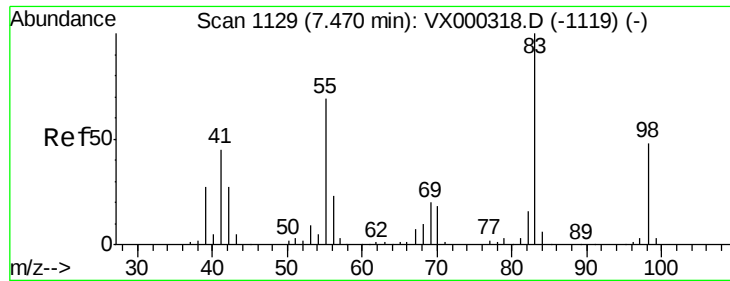
#38
Carbon Tetrachloride
Concen: 16.22 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.9	77.4	116.2
121	29.3	24.8	37.2



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





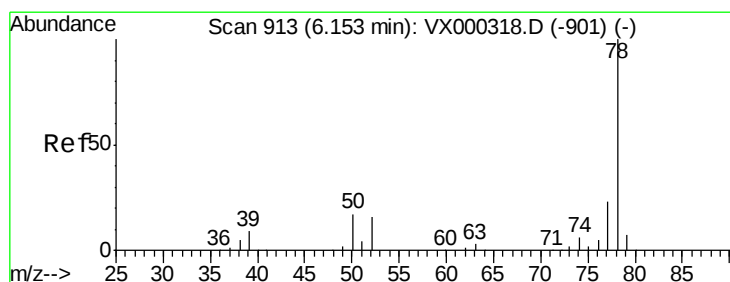
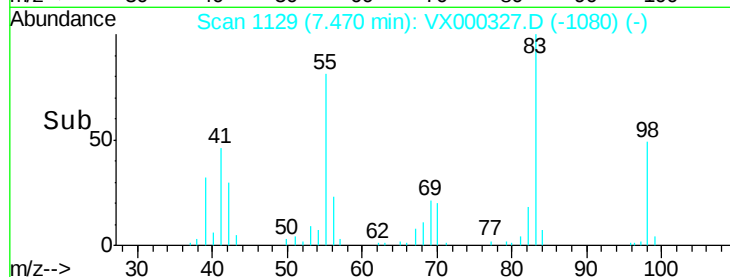
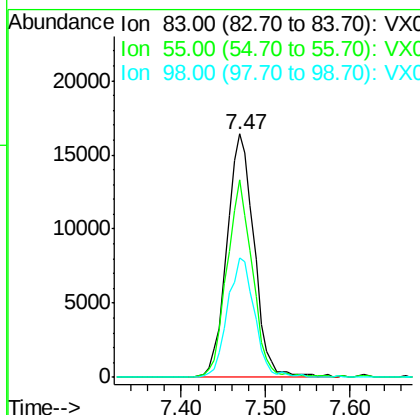
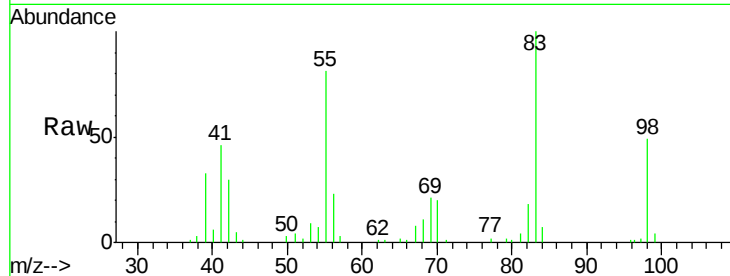
#39
Methvlcvclohexane
Concen: 16.22 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.3	55.5	83.3
98	49.2	38.2	57.4

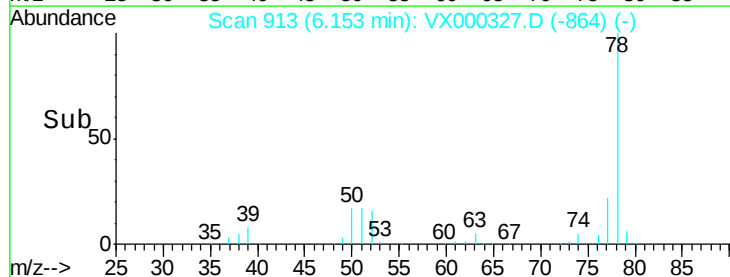
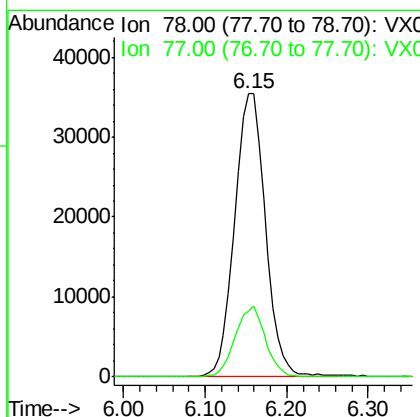
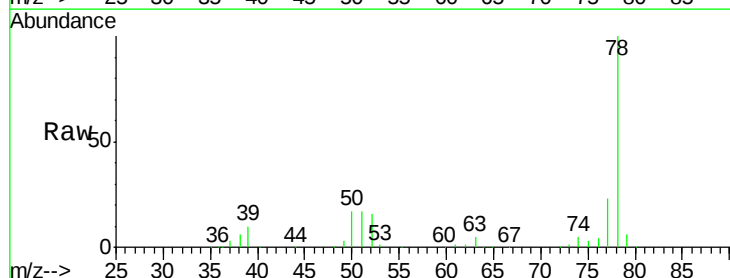
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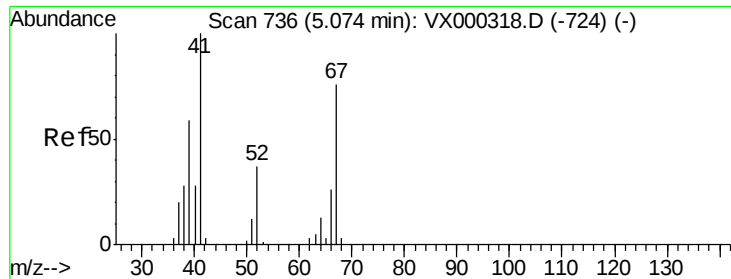
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#40
Benzene
Concen: 17.11 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.7	28.1





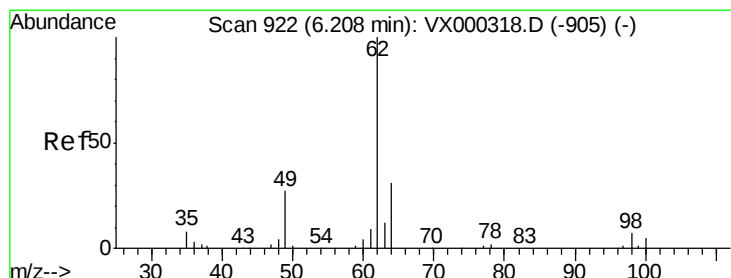
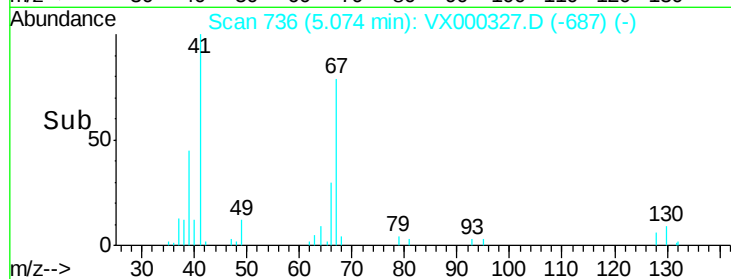
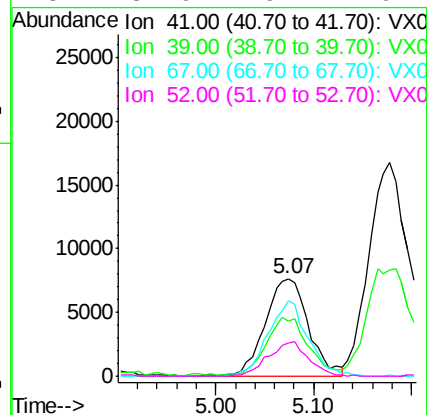
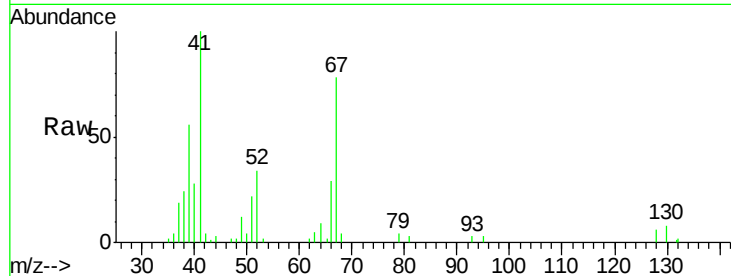
#41
Methacrylonitrile
Concen: 17.67 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.7	45.7	68.5	
67	71.2	57.8	86.8	
52	32.9	26.7	40.1	

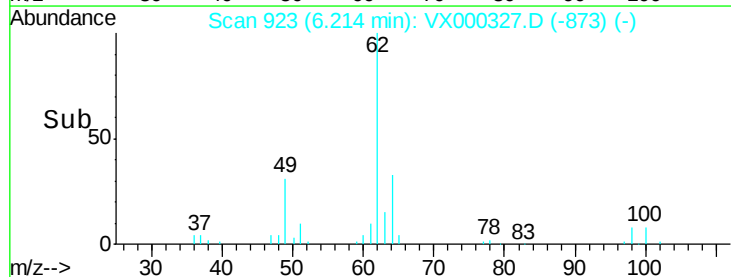
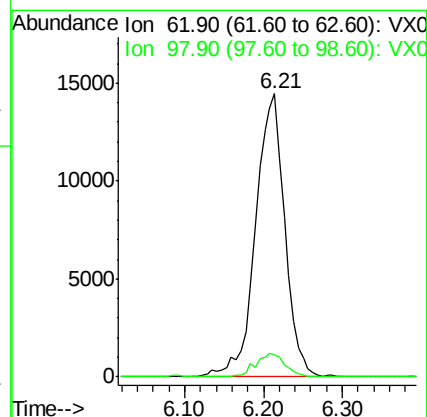
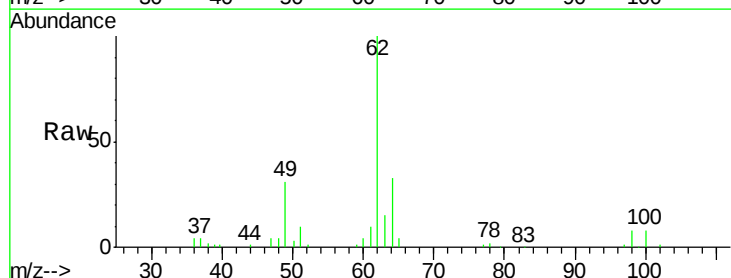
Manual Integrations
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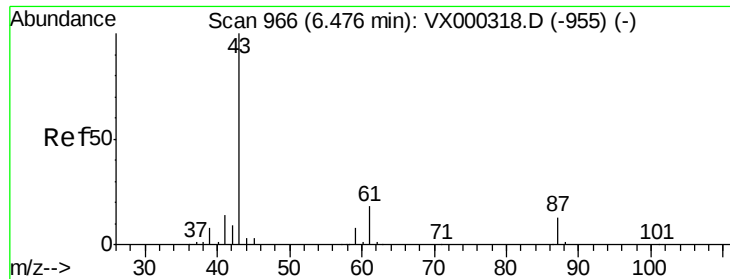
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#42
1,2-Dichloroethane
Concen: 17.30 ug/l
RT: 6.21 min Scan# 923
Delta R.T. 0.01 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	15.8	





#43

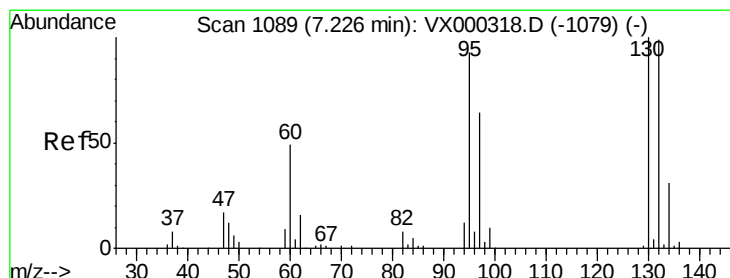
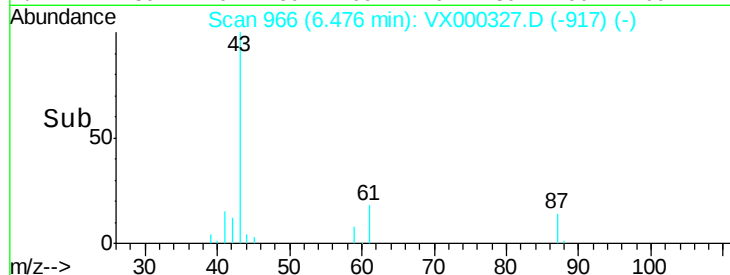
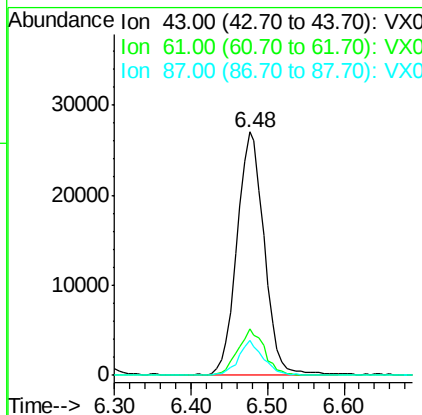
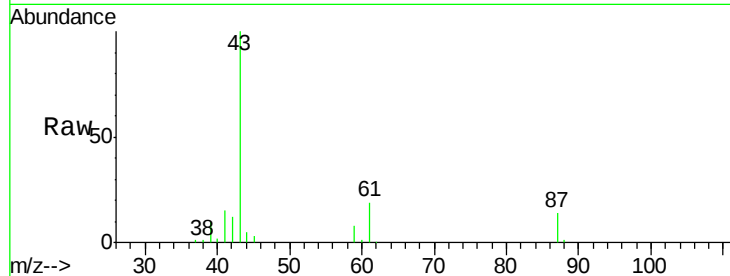
Isopropyl Acetate
 Concen: 18.28 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.5	14.4	21.6
87	12.8	11.0	16.4

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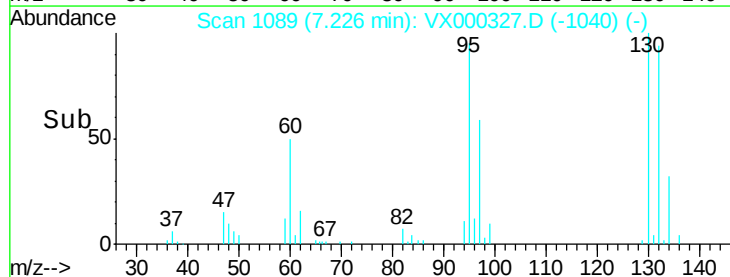
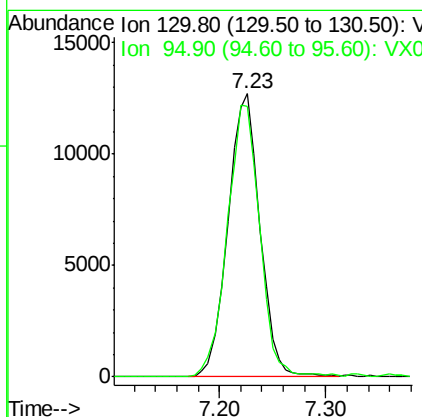
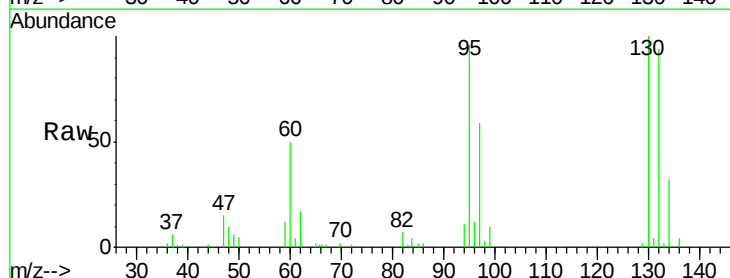
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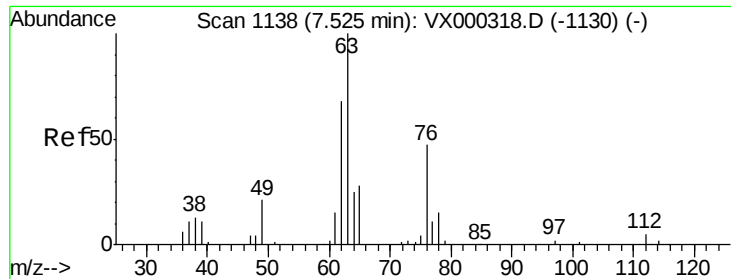


#44

Trichloroethene
 Concen: 17.02 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	186.0





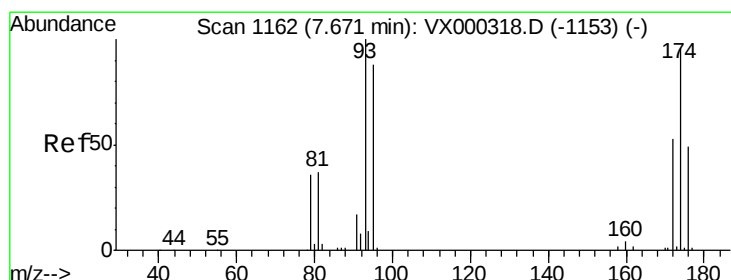
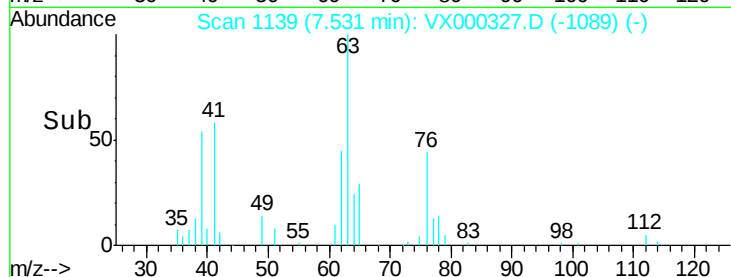
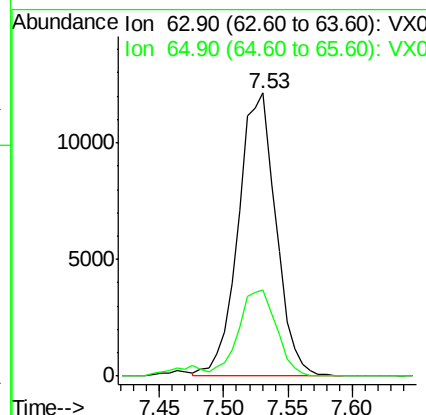
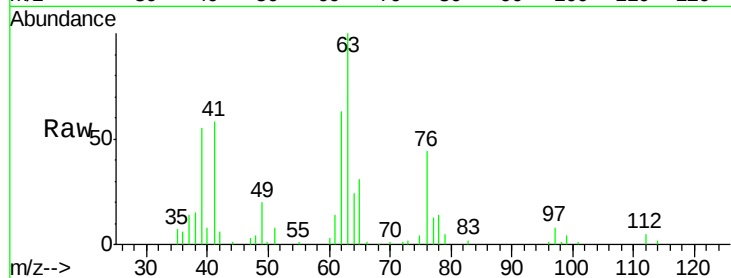
#45
 1,2-Dichloropropane
 Concen: 18.44 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Instrument :
 MSVOA_X
 ClientSampled :
 VX0315WBS01

Tot Ion: 63 Resp: 24683
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 36.8

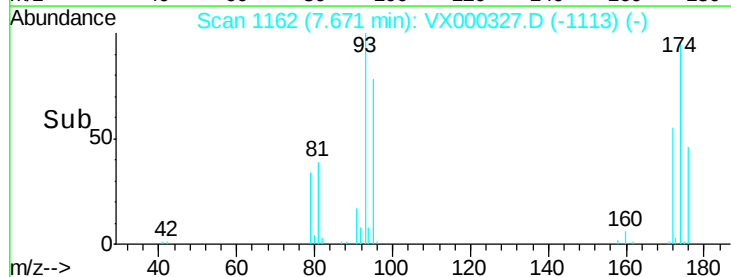
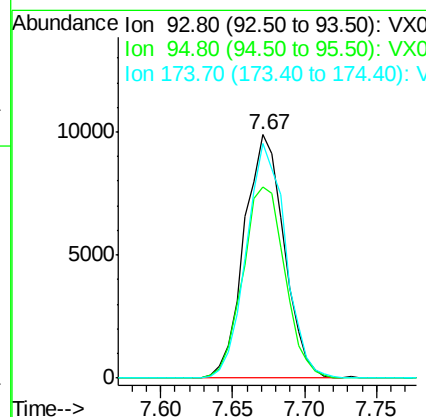
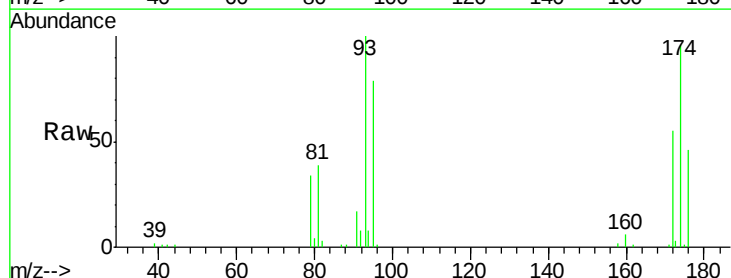
Manual Integrations
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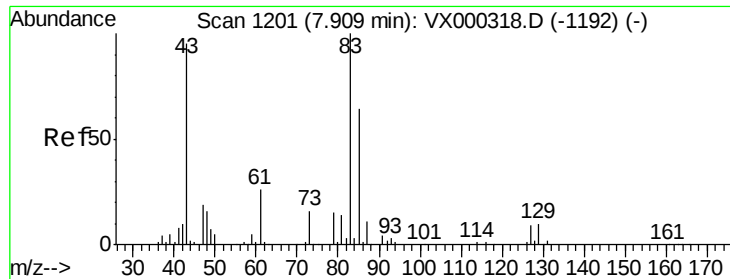
apatel
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#46
 Dibromomethane
 Concen: 17.66 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Tgt Ion: 93 Resp: 18992
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.5 99.7
 174 95.0 76.0 114.0





#47

Bromodichloromethane

Concen: 18.11 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

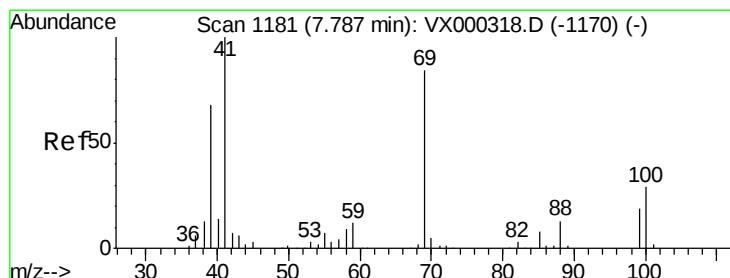
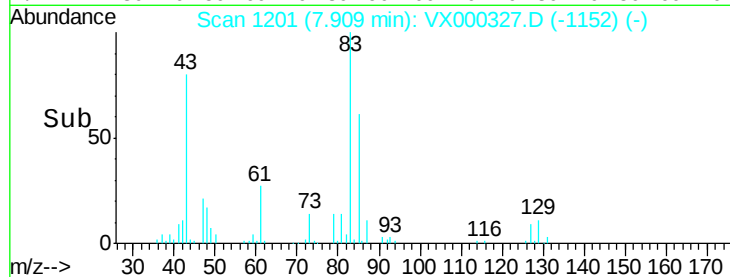
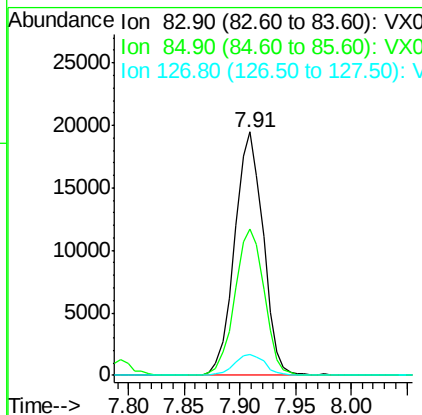
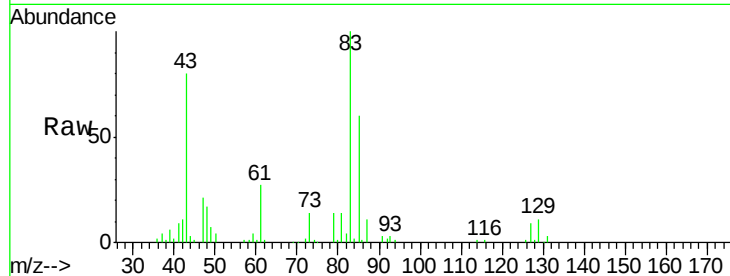
ClientSampled :

VX0315WBS01

Tot Ion:	83	Resp:	34574
Ion	Ratio	Lower	Upper
83	100		
85	60.3	51.4	77.0
127	8.7	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.20 ug/l

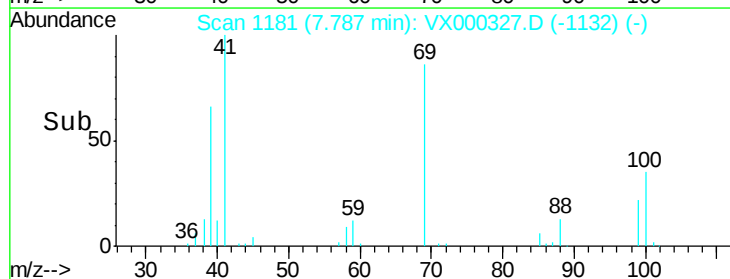
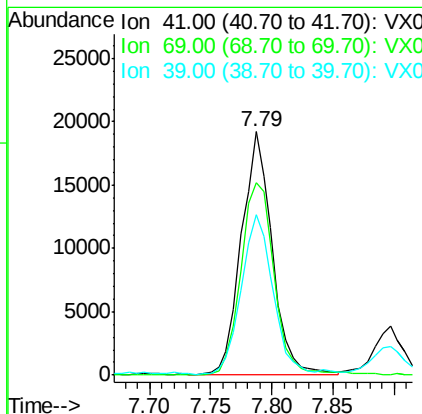
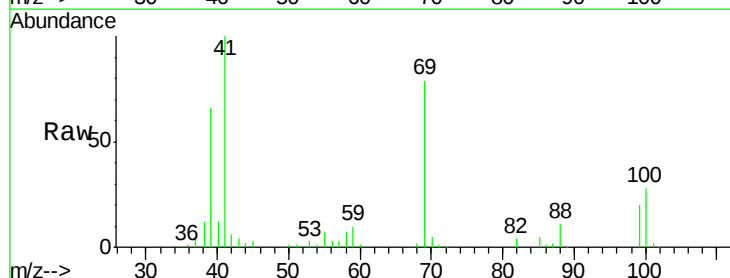
RT: 7.79 min Scan# 1181

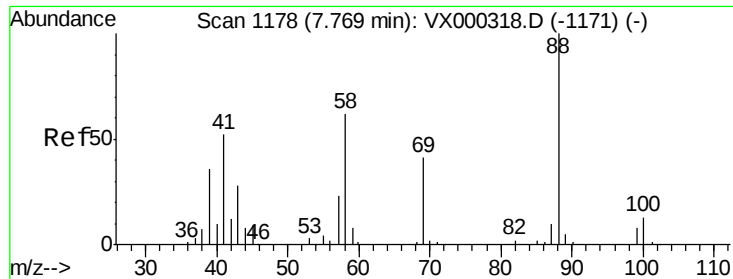
Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Tgt Ion:	41	Resp:	33768
Ion	Ratio	Lower	Upper
41	100		
69	84.5	68.2	102.4
39	66.7	54.6	81.8





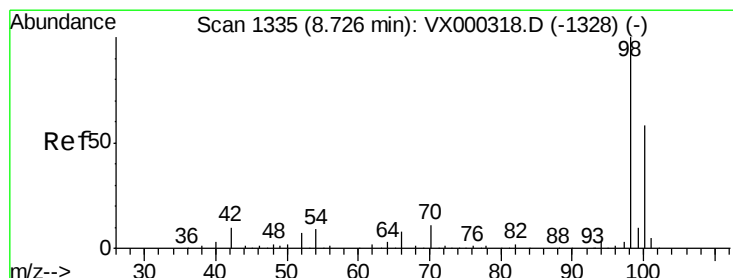
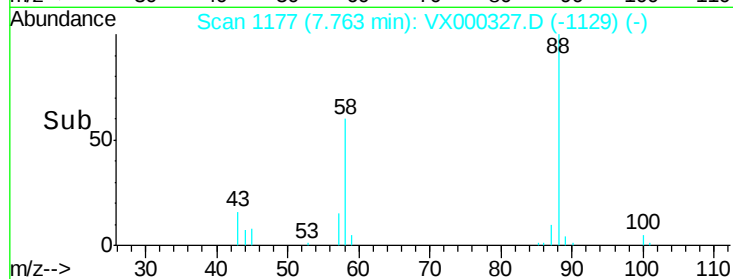
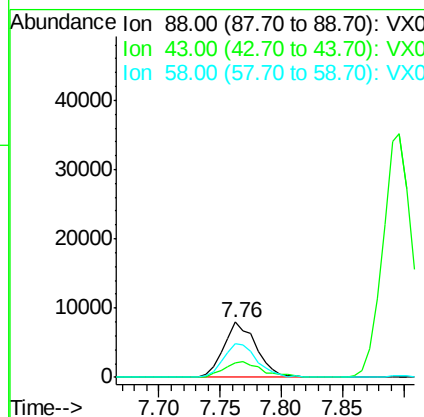
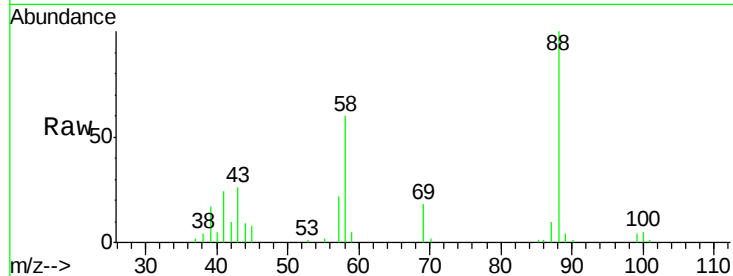
#49
1,4-Dioxane
Concen: 354.59 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.8	26.8	40.2
58	62.4	52.2	78.2

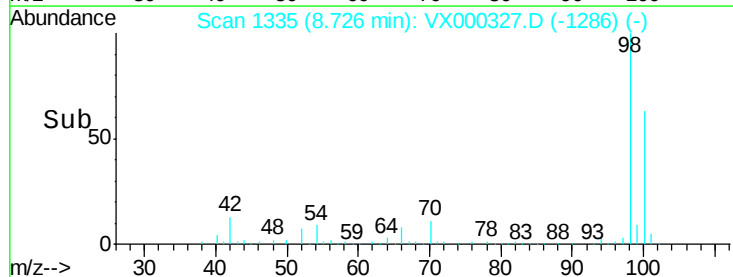
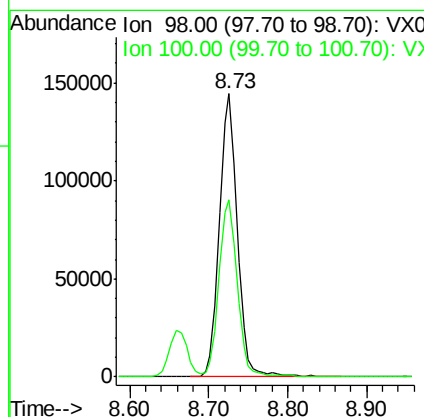
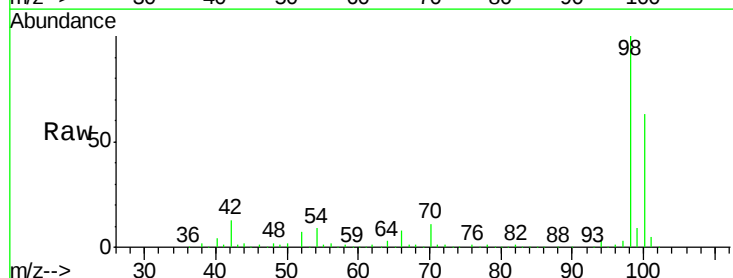
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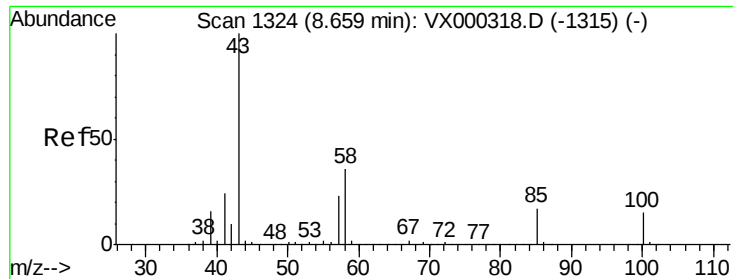
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#50
Toluene-d8
Concen: 41.56 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 91.85 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

Tot Ion: 43 Resp: 261739

Ion Ratio Lower Upper

43 100

58 36.6

30.3

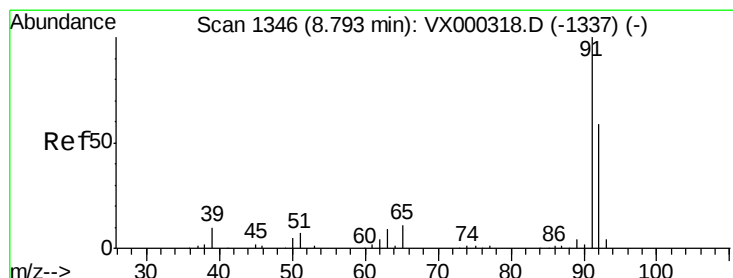
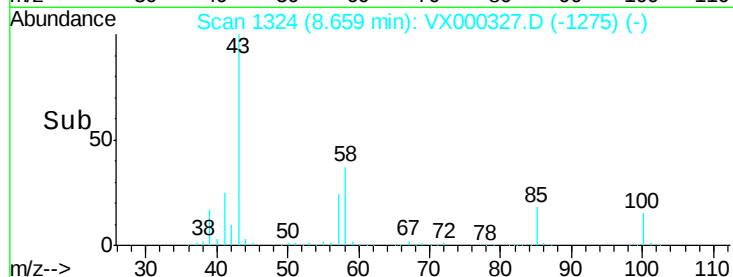
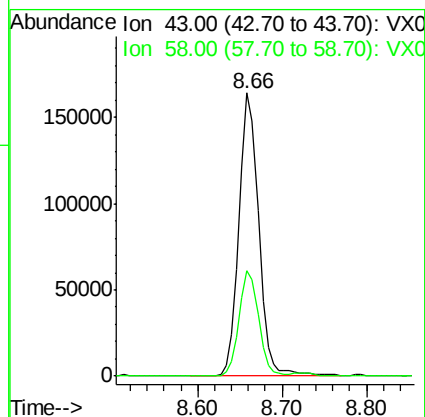
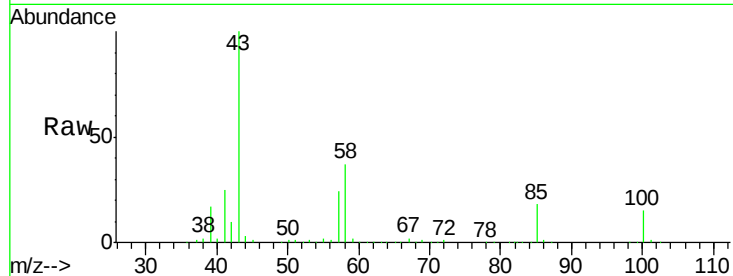
45.5

Manual Integrations

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#52

Toluene

Concen: 16.88 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Tgt Ion: 92 Resp: 64358

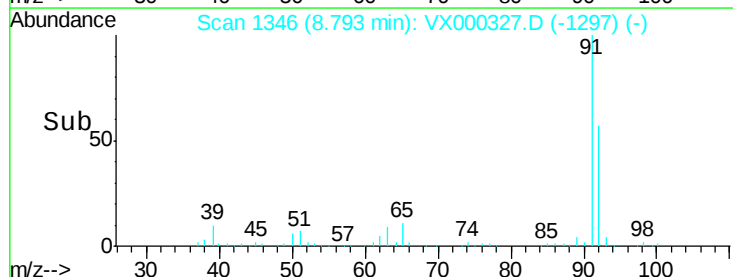
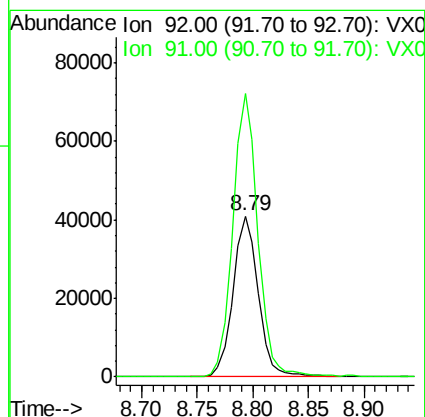
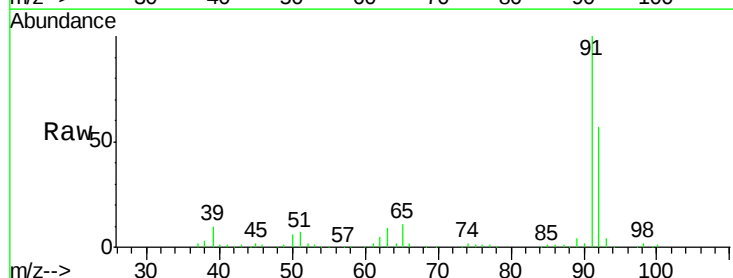
Ion Ratio Lower Upper

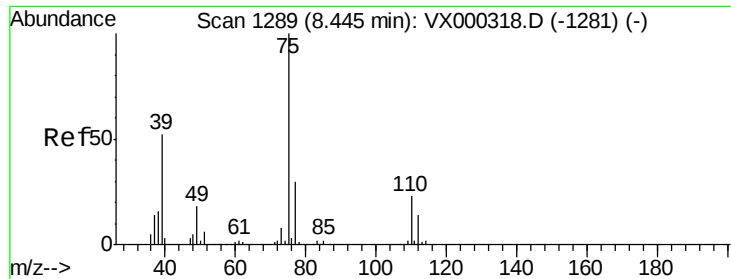
92 100

91 174.7

140.2

210.2





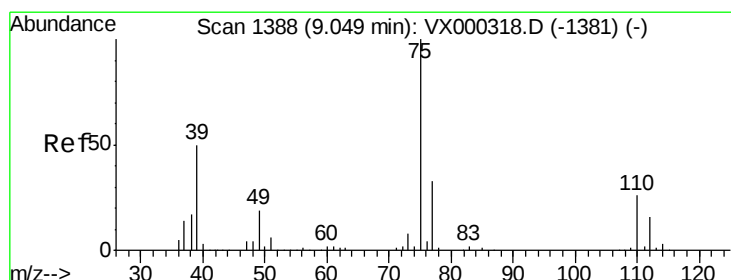
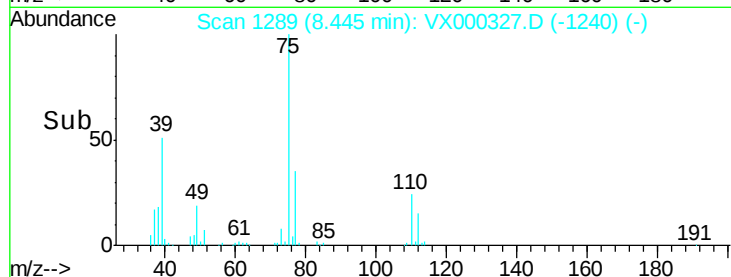
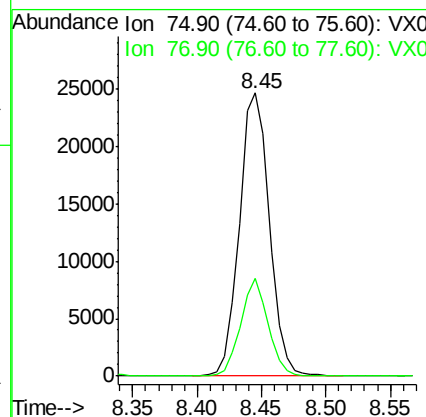
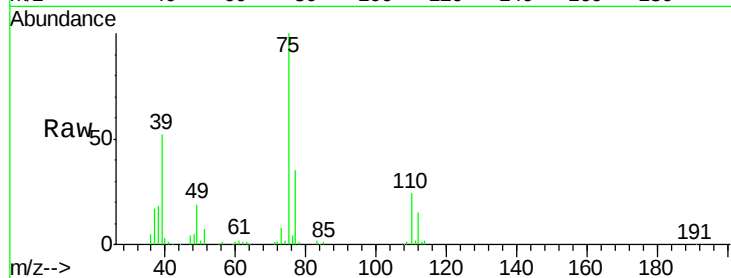
#53
t-1,3-Dichloropropene
Concen: 18.06 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion: 75 Resp: 39789
Ion Ratio Lower Upper
75 100
77 34.6 24.0 36.0

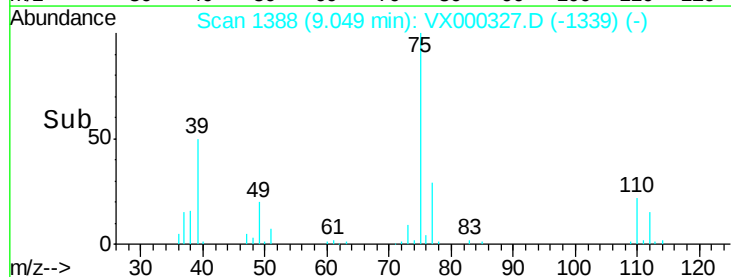
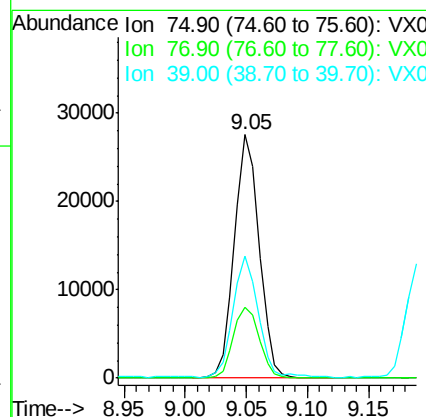
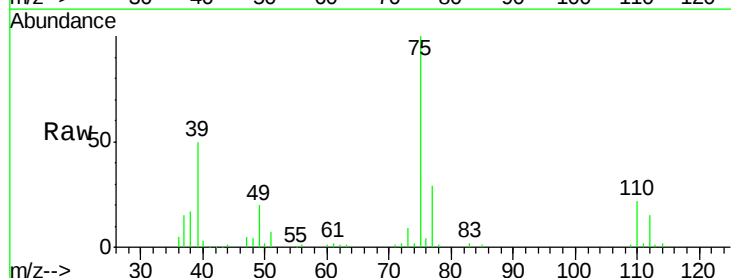
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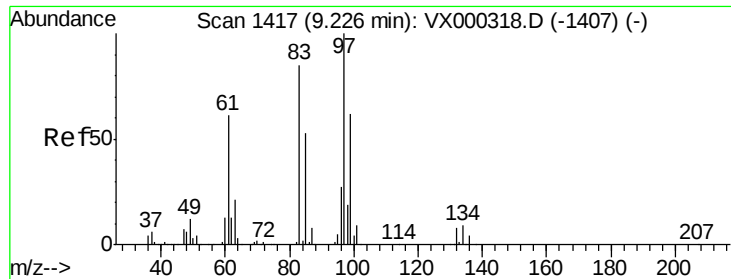
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#54
cis-1,3-Dichloropropene
Concen: 17.96 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion: 75 Resp: 38687
Ion Ratio Lower Upper
75 100
77 29.3 26.1 39.1
39 49.9 39.8 59.6





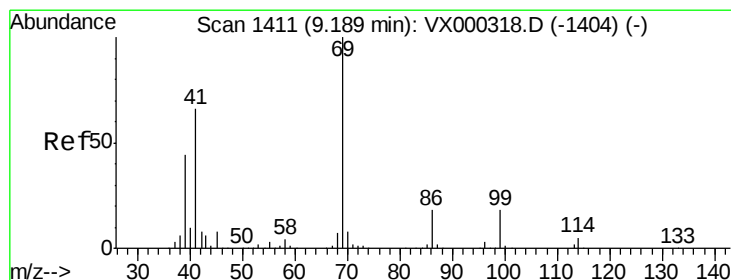
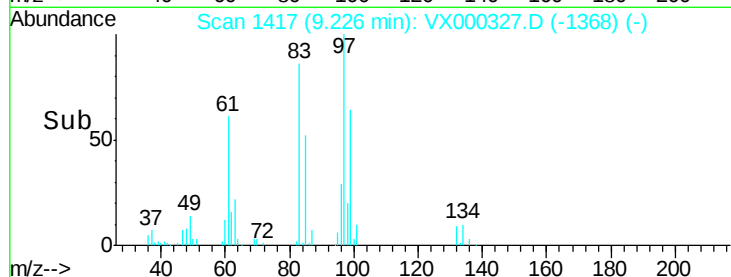
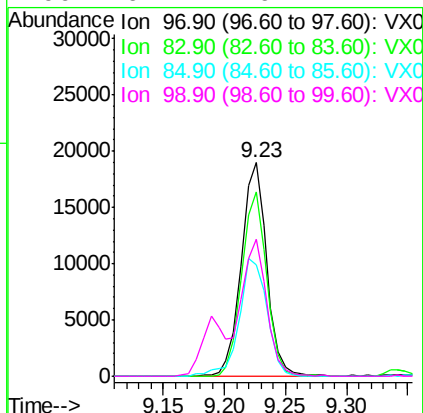
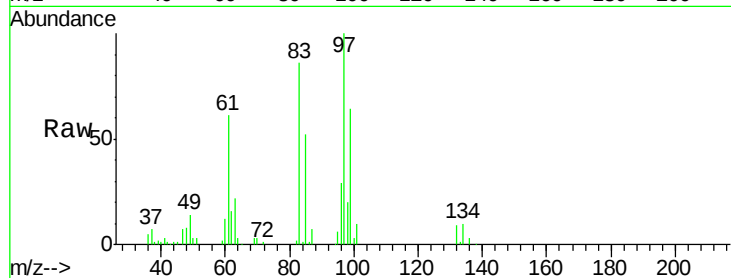
#55
1,1,2-Trichloroethane
Concen: 17.89 ug/l
RT: 9.23 min Scan# 1417
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion:	97	Resp:	27373
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.9	101.9
85	52.4	42.8	64.2
99	64.1	49.4	74.2

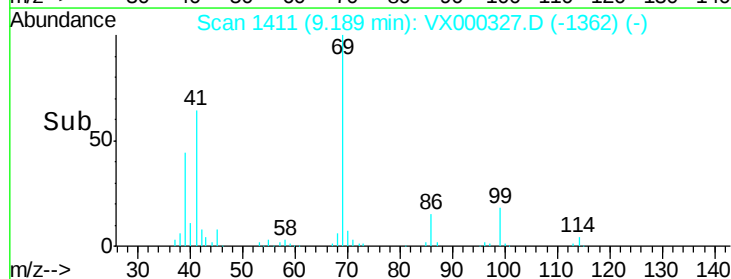
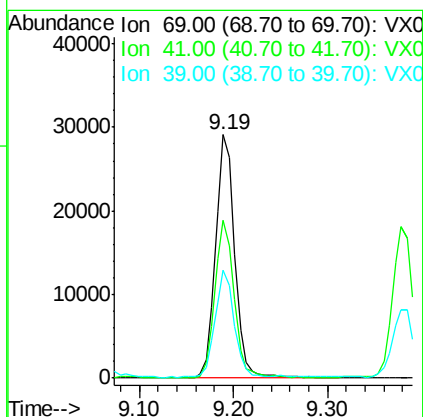
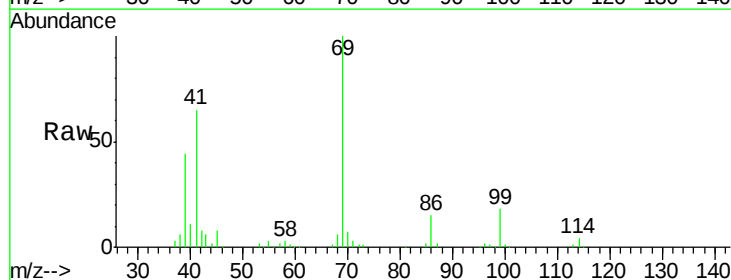
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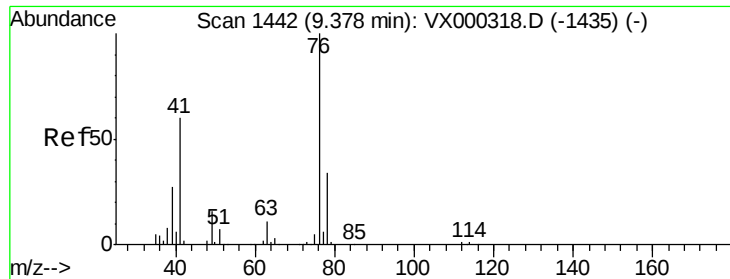
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#56
Ethyl methacrylate
Concen: 18.19 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion:	69	Resp:	41211
Ion	Ratio	Lower	Upper
69	100		
41	65.6	53.0	79.6
39	44.2	35.3	52.9





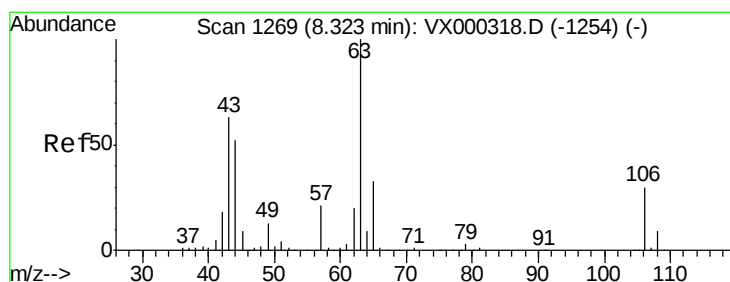
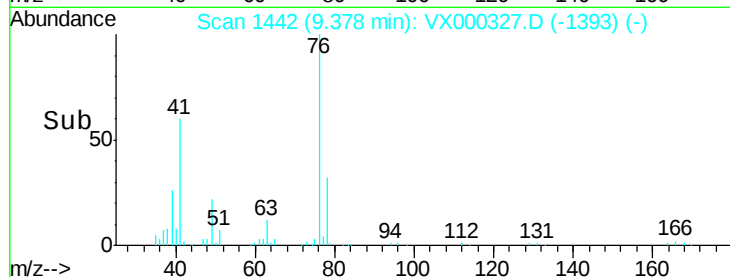
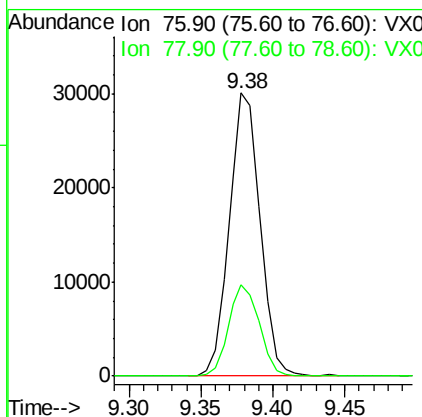
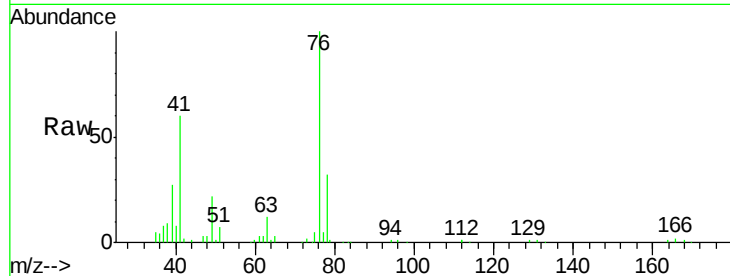
#57
 1,3-Dichloropropane
 Concen: 18.15 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Tot Ion: 76 Resp: 44971
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.4 39.6

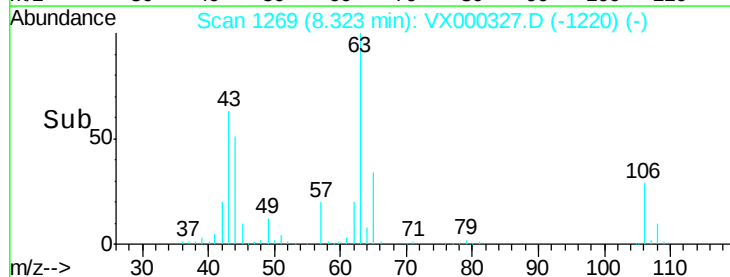
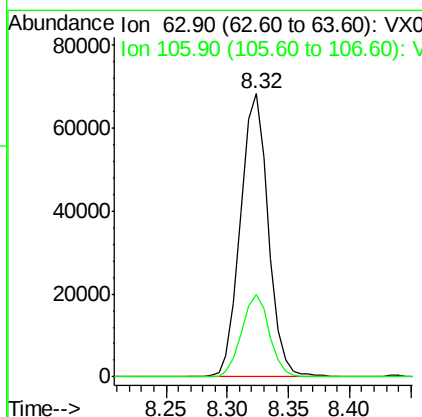
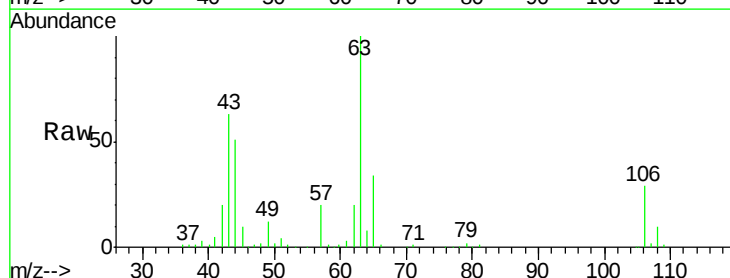
Manual Integrations
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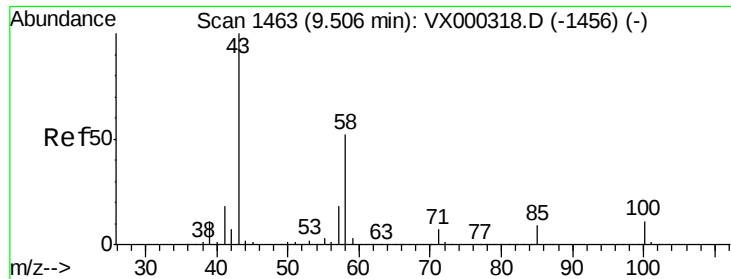
apatel
 3/16/2018 3:43:23 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 114.72 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Tgt Ion: 63 Resp: 108058
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.2 34.8





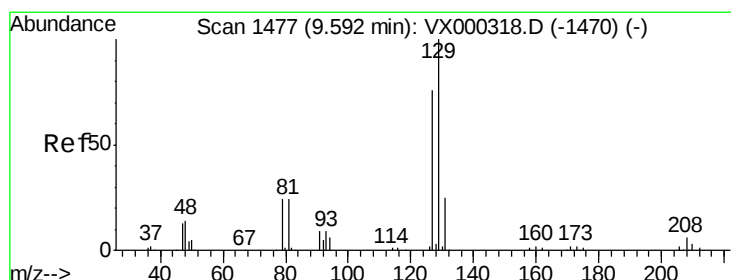
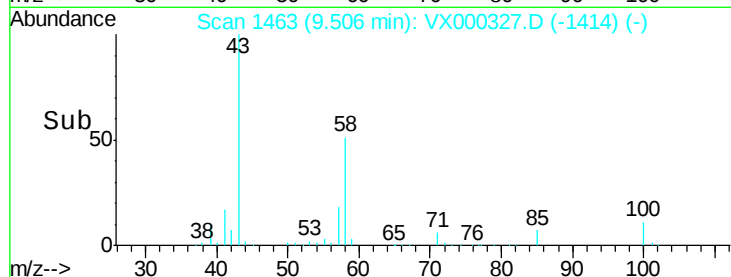
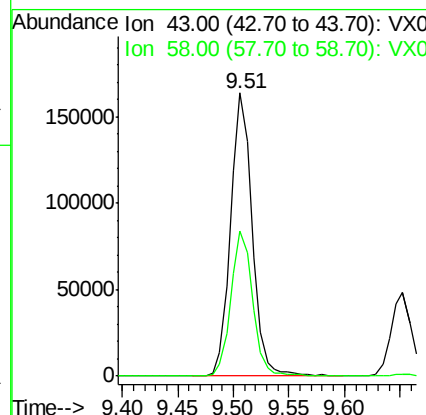
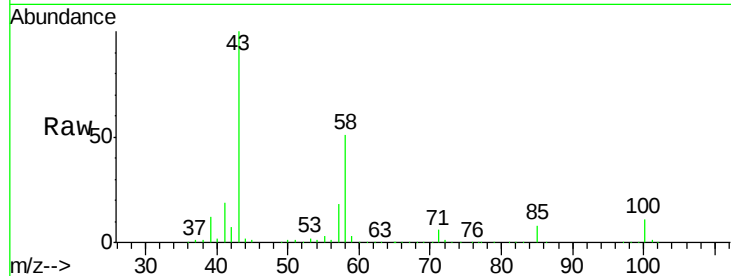
#59
2-Hexanone
Concen: 92.09 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion: 43 Resp: 221102
Ion Ratio Lower Upper
43 100
58 51.6 26.6 79.7

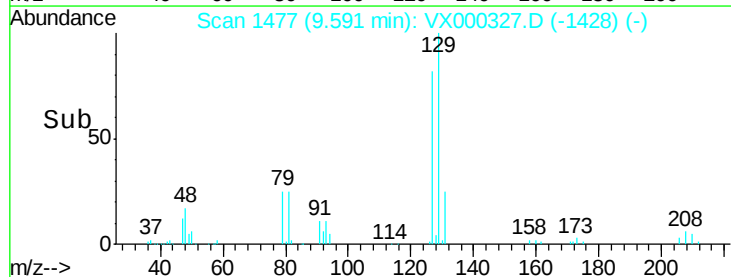
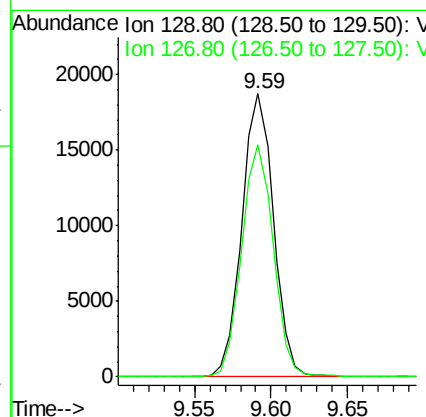
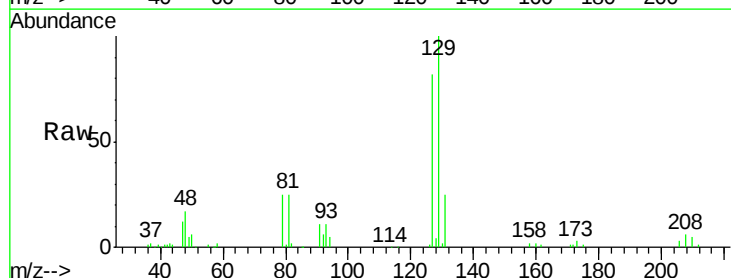
Manual Integrations
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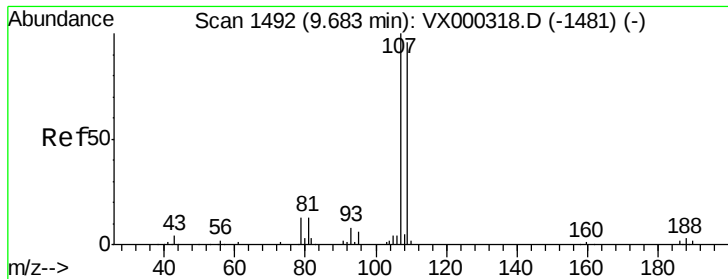
apatel
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#60
Dibromochloromethane
Concen: 16.60 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion: 129 Resp: 26859
Ion Ratio Lower Upper
129 100
127 82.2 37.9 113.6





#61

1,2-Dibromoethane

Concen: 16.74 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

Tot Ion:107 Resp: 28384

Ion Ratio Lower Upper

107 100

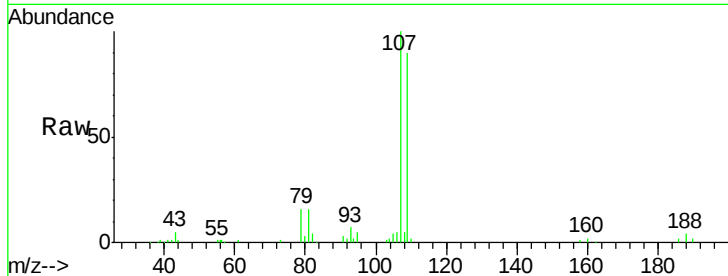
109 93.5 76.1 114.1

Manual Integrations

APPROVED

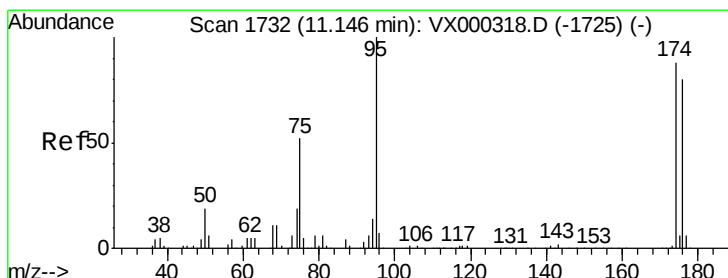
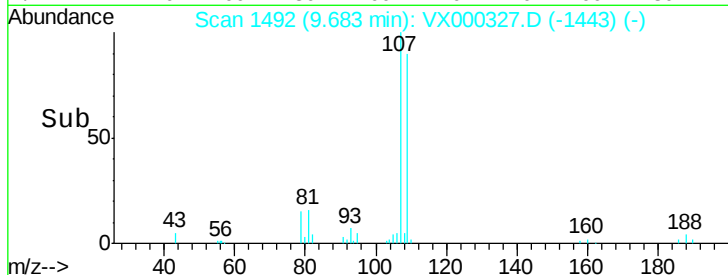
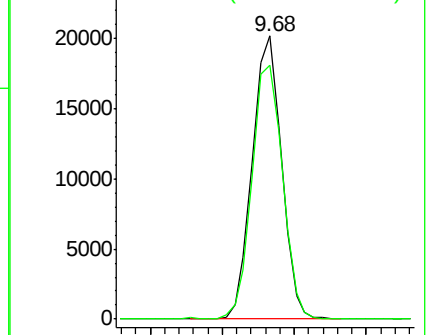
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 40.01 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

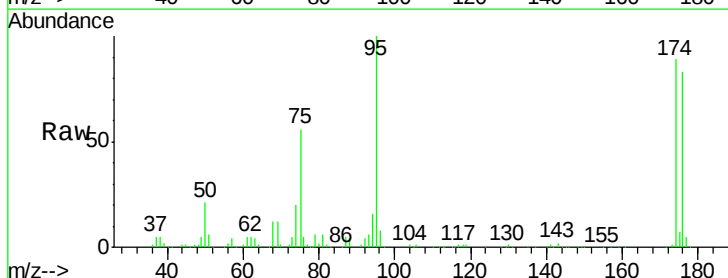
Tgt Ion: 95 Resp: 88900

Ion Ratio Lower Upper

95 100

174 88.9 0.0 173.6

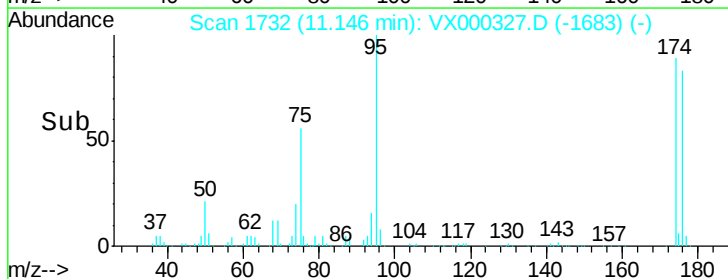
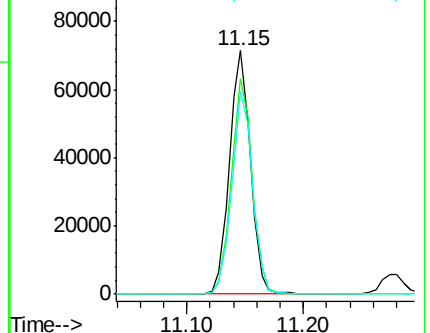
176 83.2 0.0 164.6

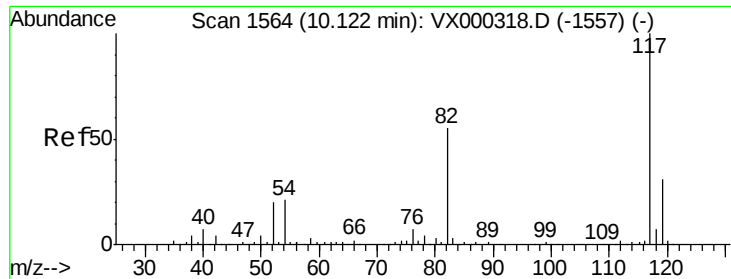


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





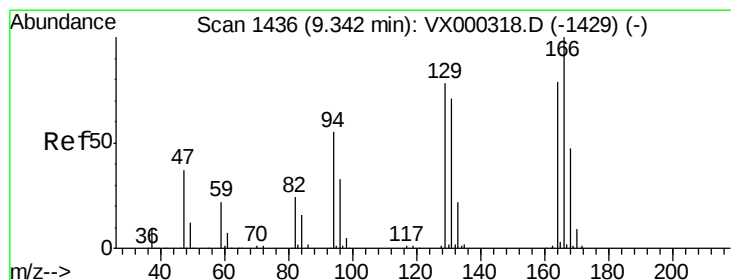
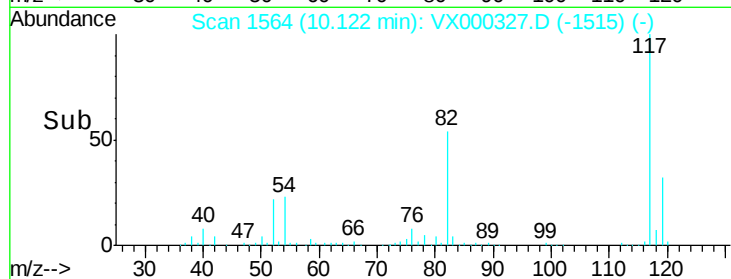
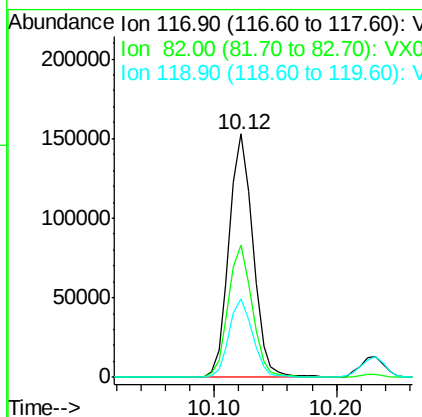
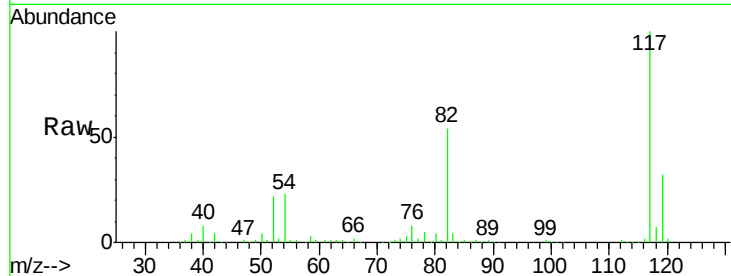
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.8	65.8
119	32.4	24.9	37.3

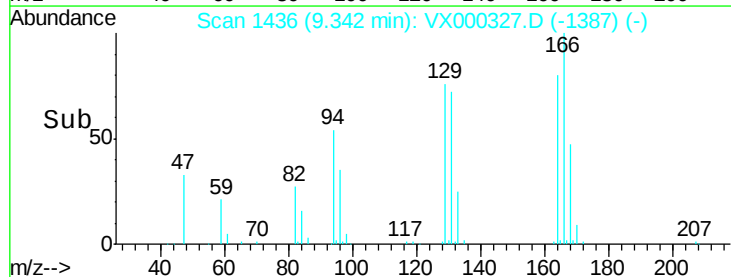
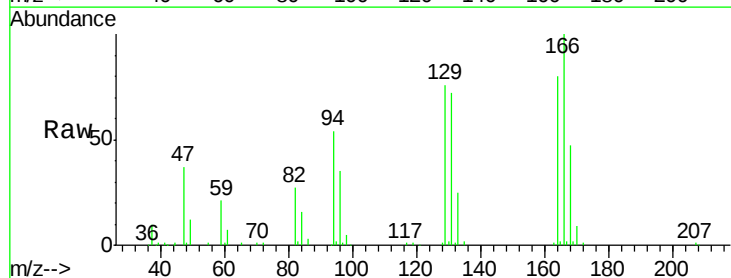
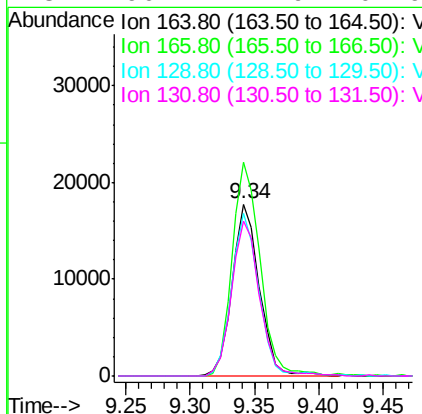
Manual Integrations
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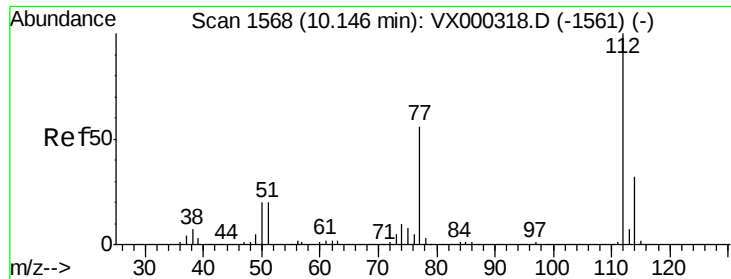
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#64
Tetrachloroethene
Concen: 18.26 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	101.0	151.6
129	94.7	79.0	118.4
131	90.2	71.9	107.9





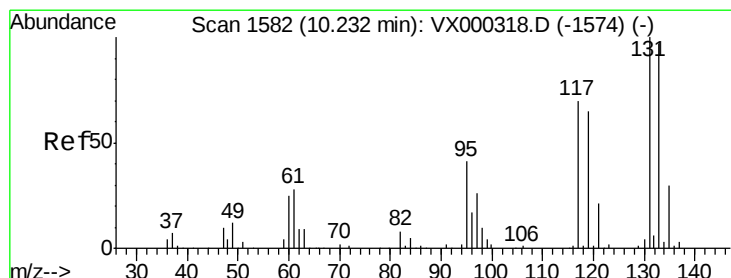
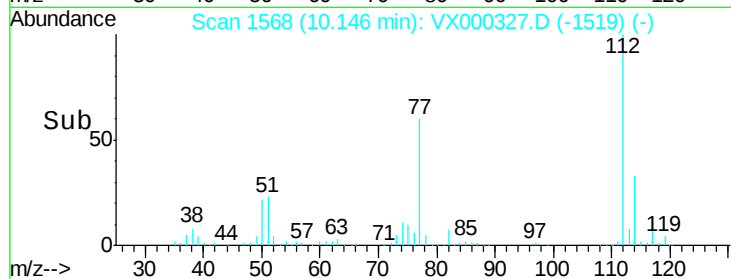
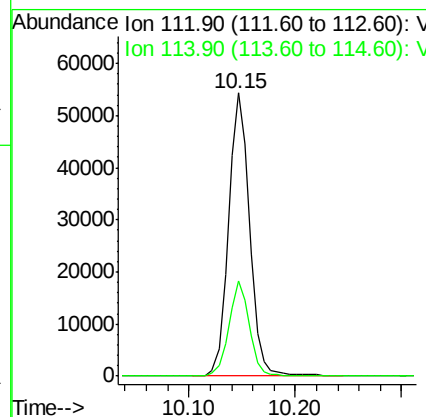
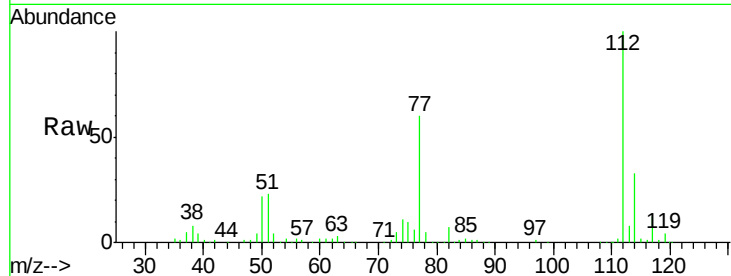
#65
Chlorobenzene
Concen: 17.86 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion:112 Resp: 75366
Ion Ratio Lower Upper
112 100
114 33.4 25.7 38.5

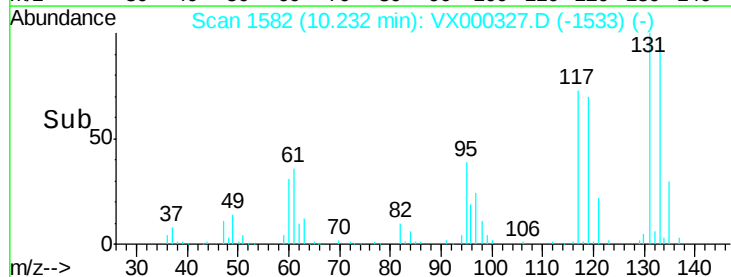
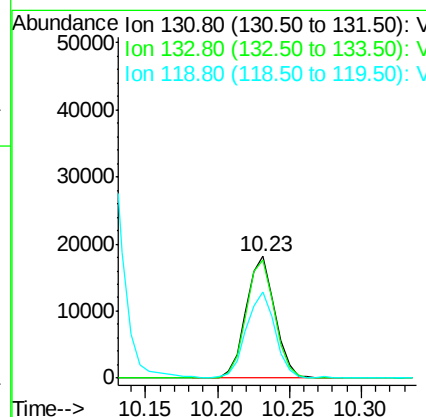
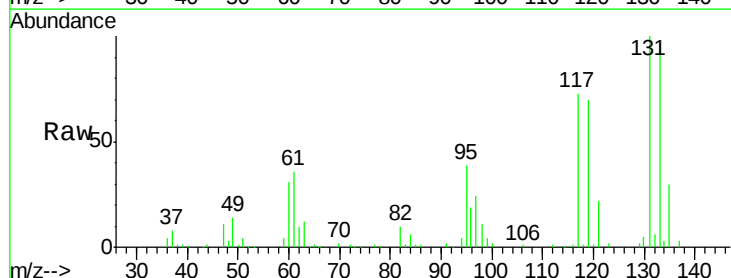
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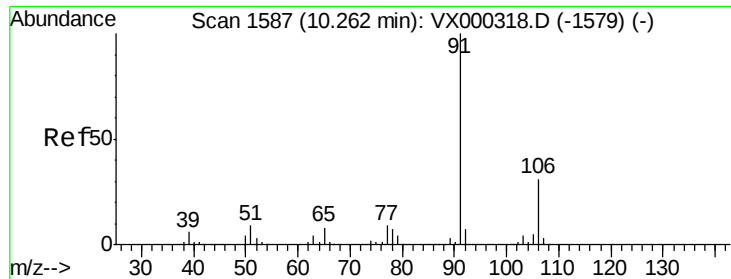
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.75 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion:131 Resp: 25185
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.3
119 70.7 33.1 99.2





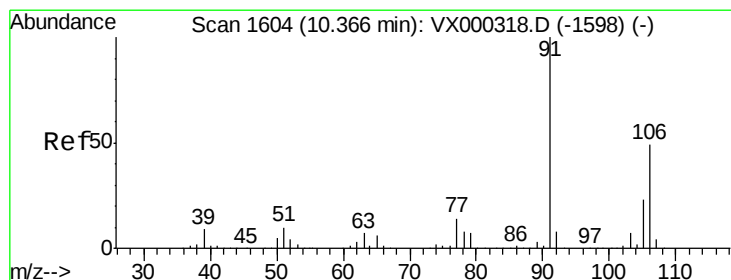
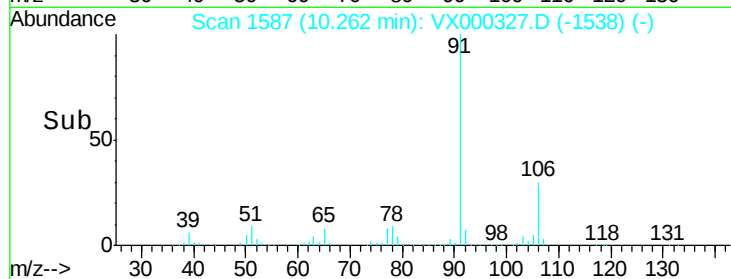
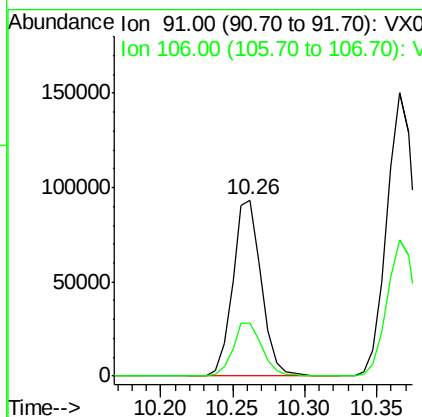
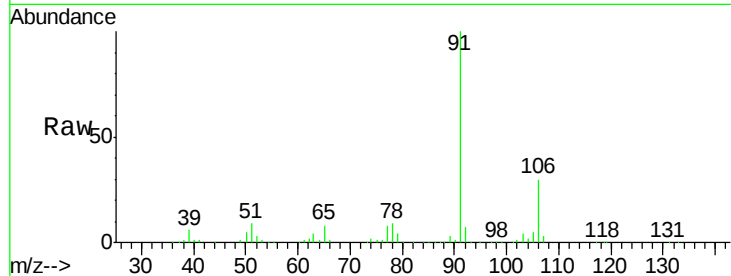
#67
Ethyl Benzene
Concen: 17.94 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion: 91 Resp: 129041
Ion Ratio Lower Upper
91 100
106 29.8 25.0 37.6

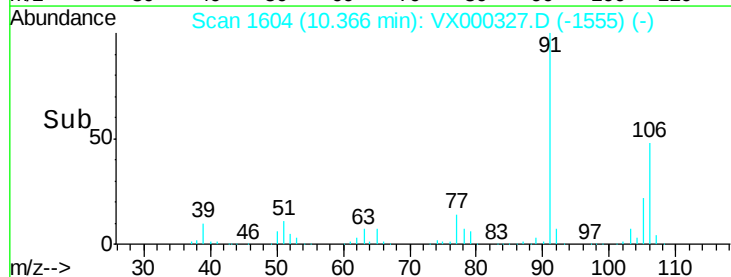
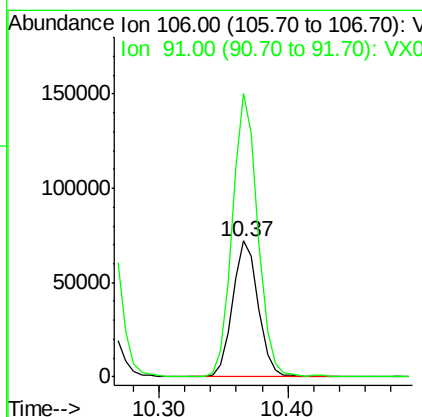
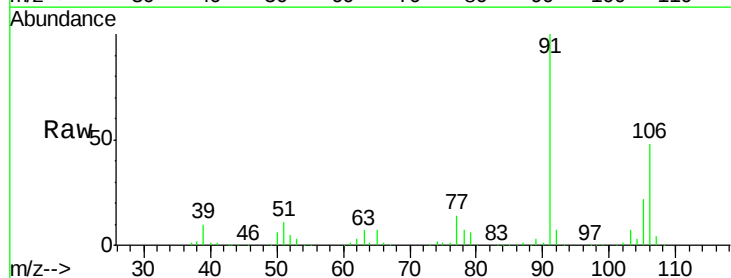
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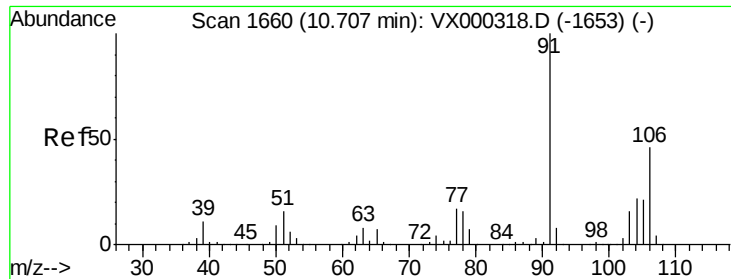
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#68
m/p-Xylenes
Concen: 35.72 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion: 106 Resp: 100088
Ion Ratio Lower Upper
106 100
91 207.1 163.4 245.2





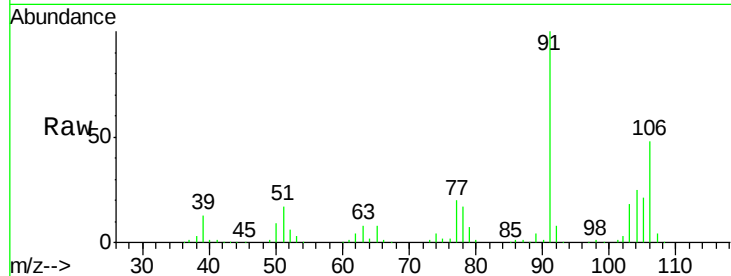
#69
o-Xylene
Concen: 17.82 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

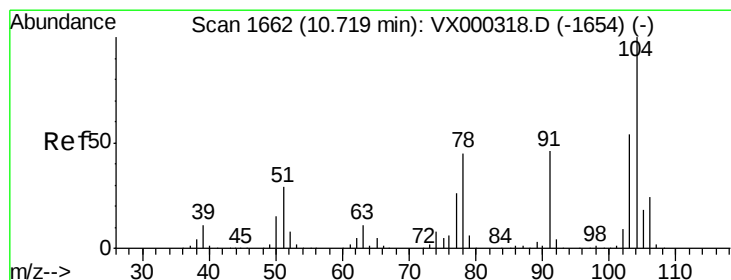
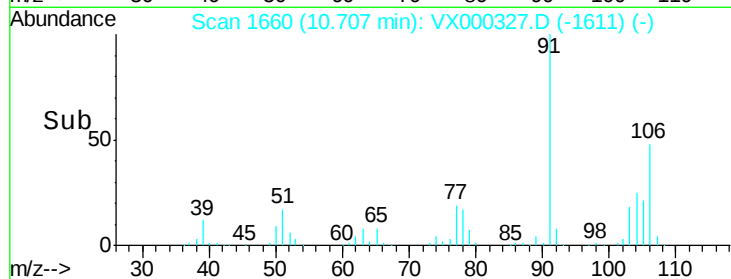
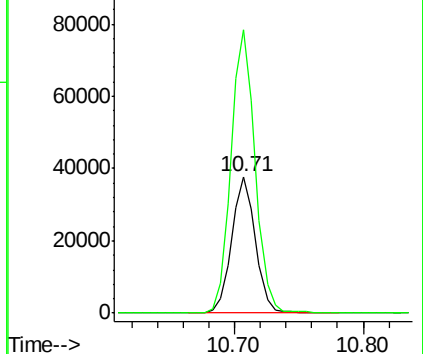
Tot Ion:106 Resp: 48516
Ion Ratio Lower Upper
106 100
91 212.0 106.5 319.6

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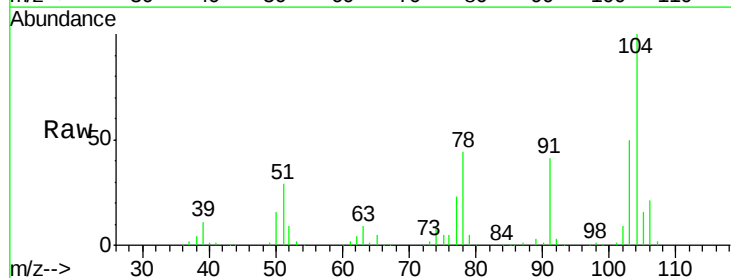


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

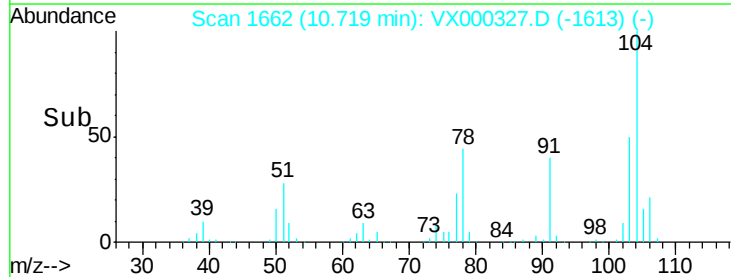
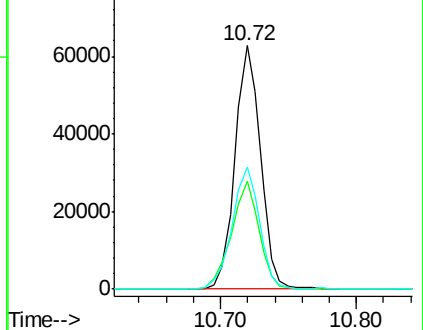


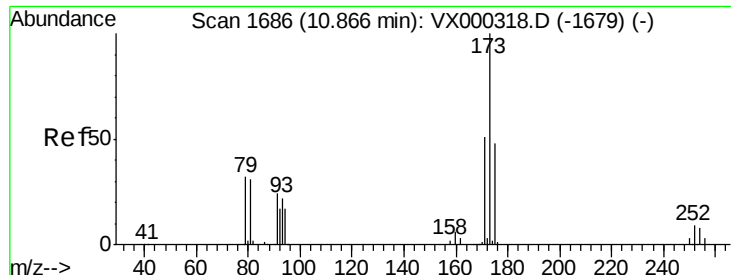
#70
Styrene
Concen: 18.18 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion:104 Resp: 82131
Ion Ratio Lower Upper
104 100
78 48.2 40.5 60.7
103 53.5 45.7 68.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.67 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

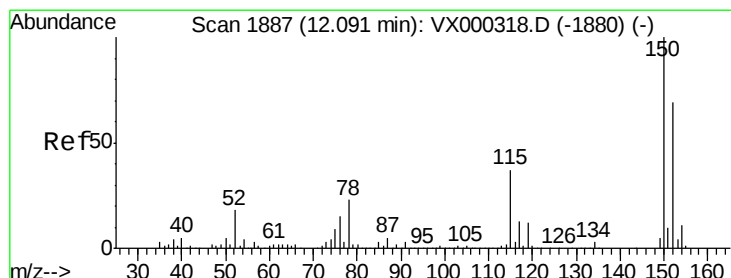
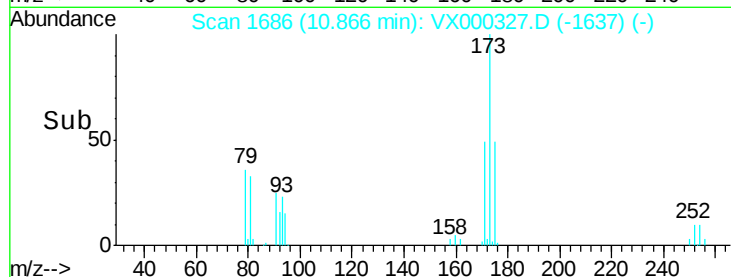
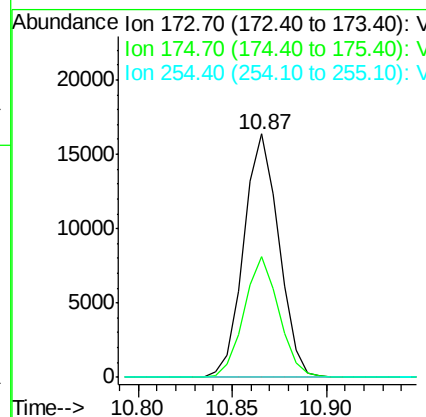
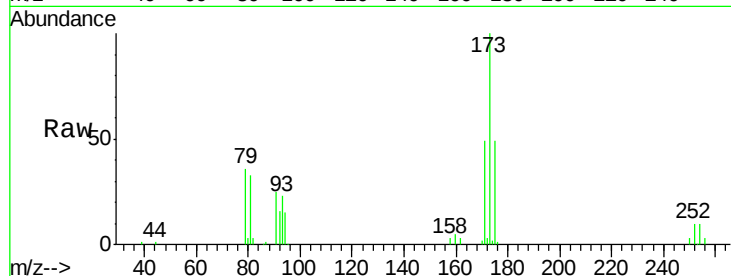
ClientSampleId :

VX0315WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	25.4	76.4
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

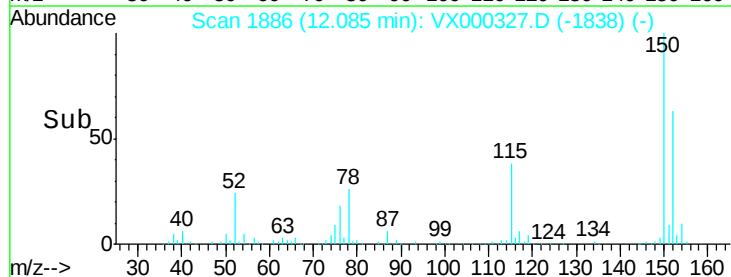
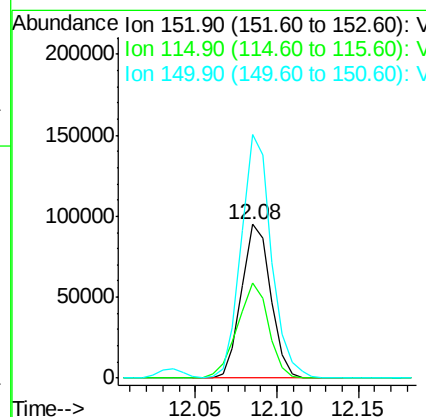
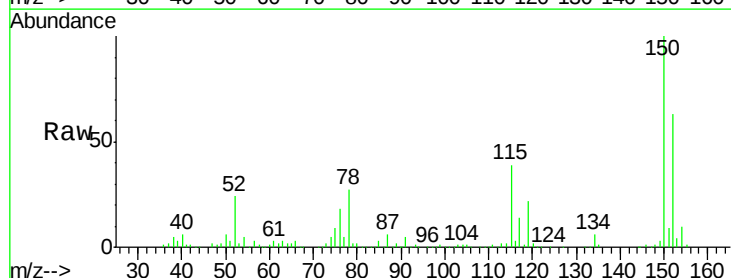
RT: 12.08 min Scan# 1886

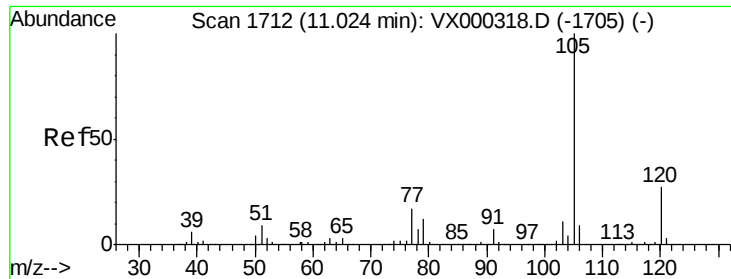
Delta R.T. -0.01 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.7	39.8	119.3
150	164.3	0.0	344.4





#73

Isopropylbenzene

Concen: 18.63 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

Tot Ion: 105 Resp: 132784

Ion Ratio Lower Upper

105 100

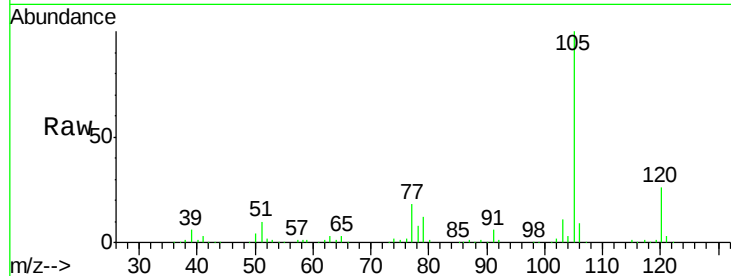
120 26.4 13.6 40.7

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

40000

20000

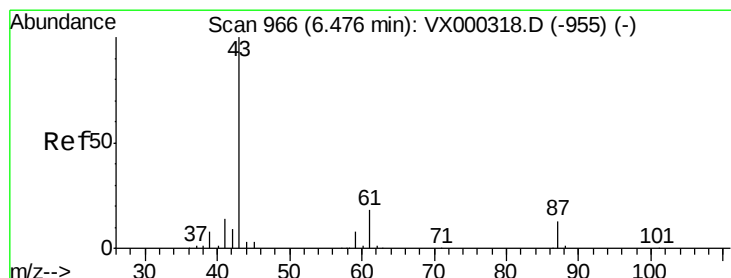
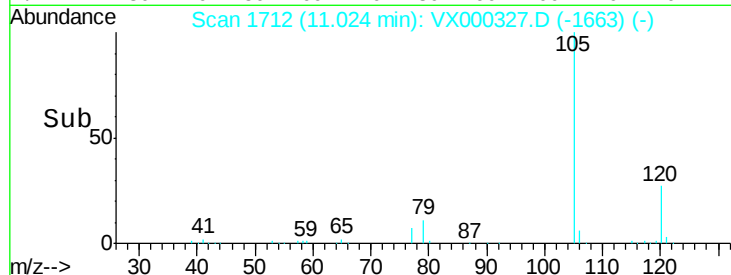
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 19.65 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Tgt Ion: 43 Resp: 67065

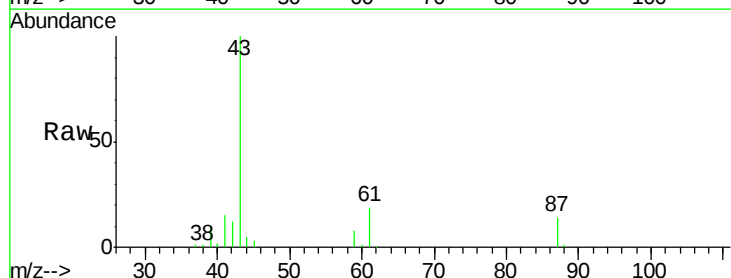
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.5 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

40000

30000

20000

10000

0

6.48

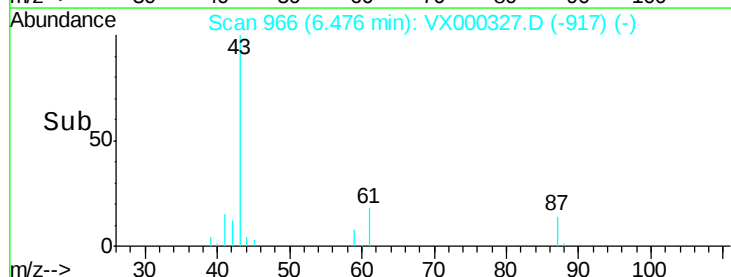
6.30

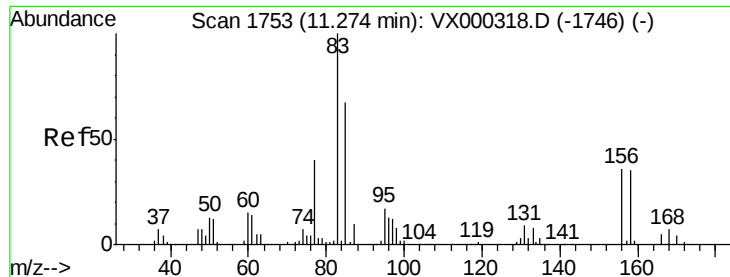
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.78 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

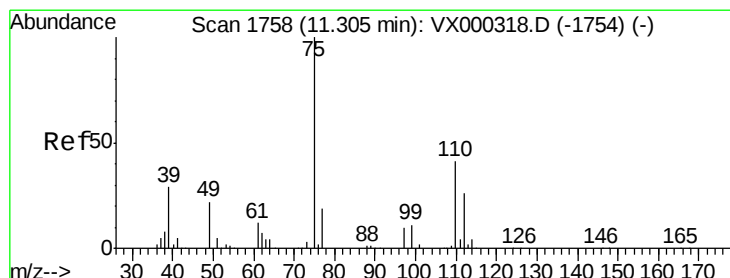
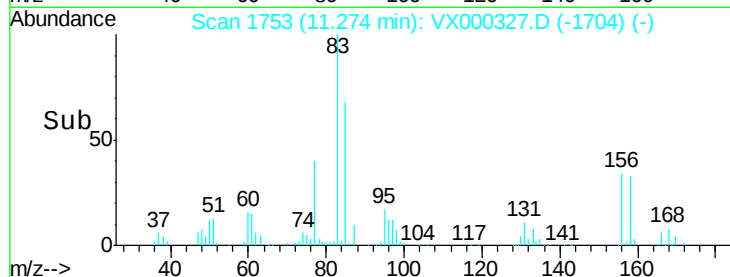
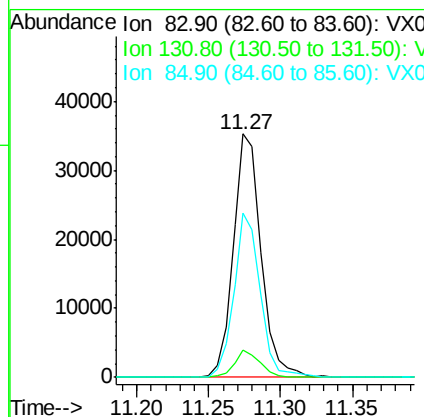
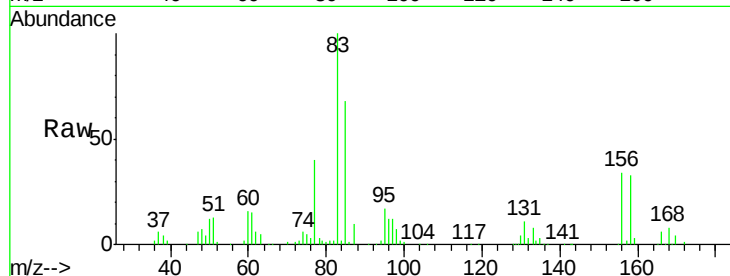
ClientSampleId :

VX0315WBS01

Tot Ion:	83	Resp:	47666
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	14.9
85	64.3	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.25 ug/l m

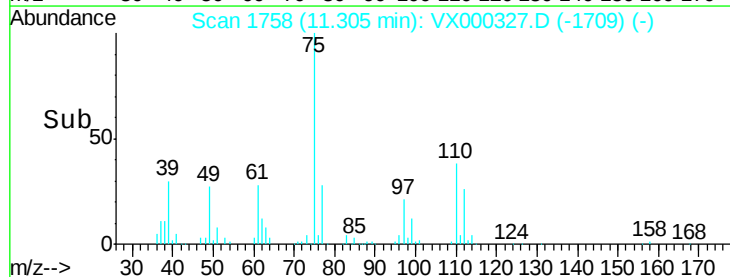
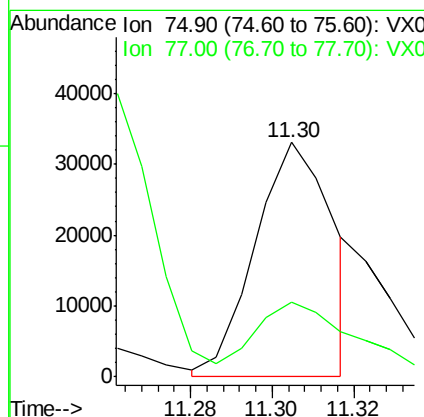
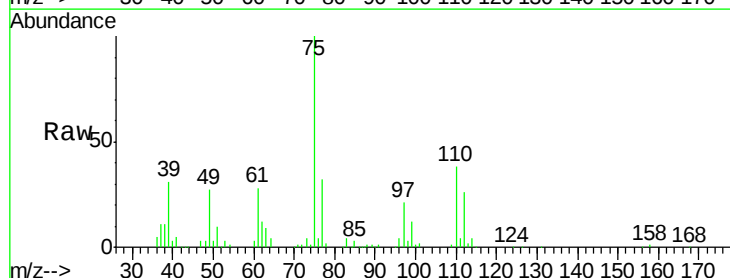
RT: 11.30 min Scan# 1758

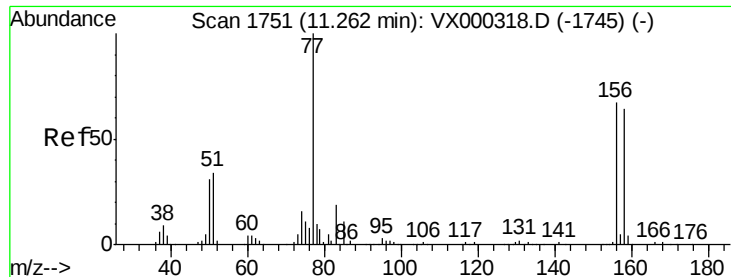
Delta R.T. 0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Tgt Ion:	75	Resp:	43892
Ion Ratio	Lower	Upper	
75	100		
77	41.4	21.4	64.2





#77

Bromobenzene

Concen: 18.21 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

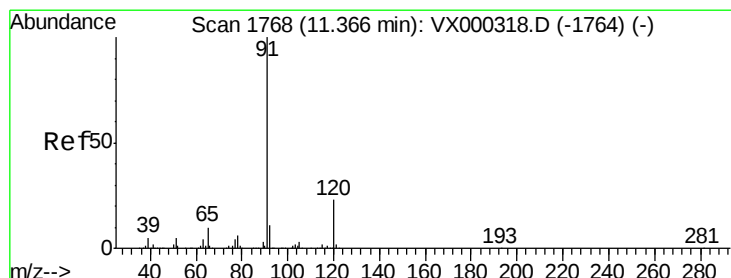
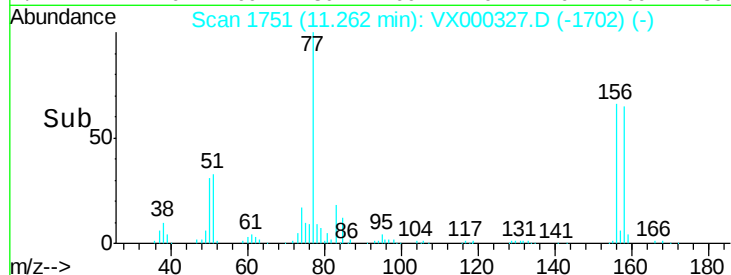
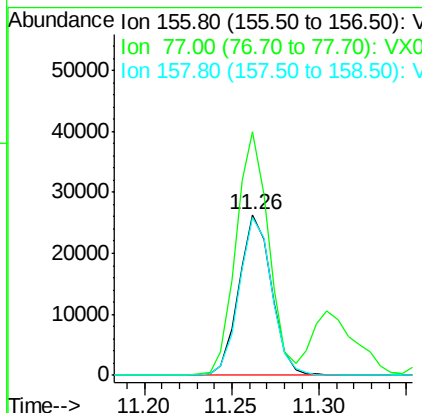
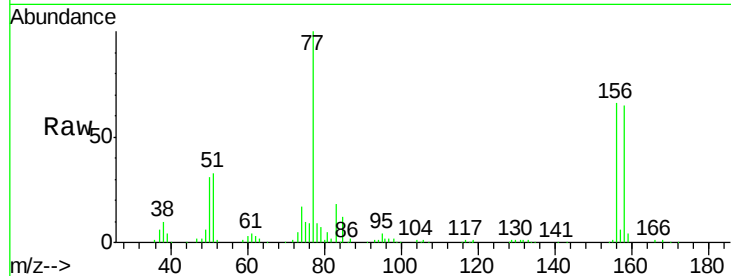
ClientSampled :

VX0315WBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	151.9	73.4	220.2	
158	98.7	48.5	145.6	

Manual Integrations
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#78

n-propylbenzene

Concen: 18.25 ug/l

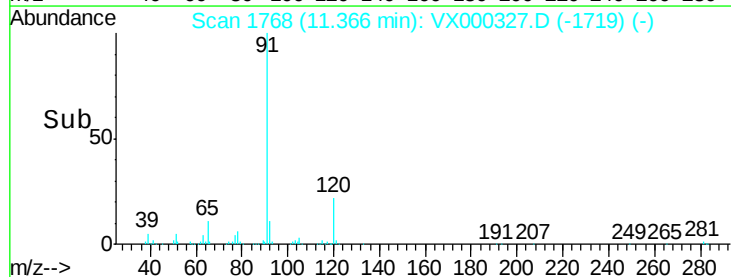
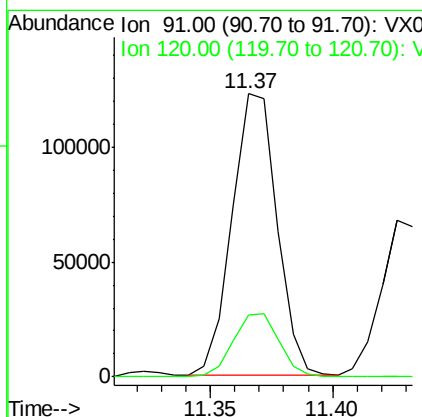
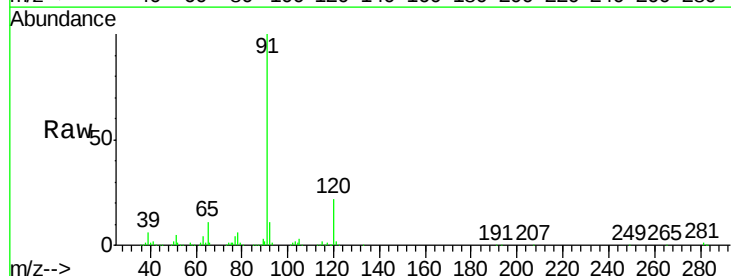
RT: 11.37 min Scan# 1768

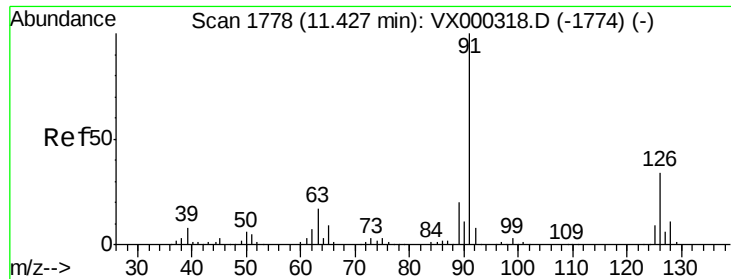
Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.1	11.8	35.3	





#79

2-Chlorotoluene

Concen: 18.12 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

Tot Ion: 91 Resp: 88406

Ion Ratio Lower Upper

91 100

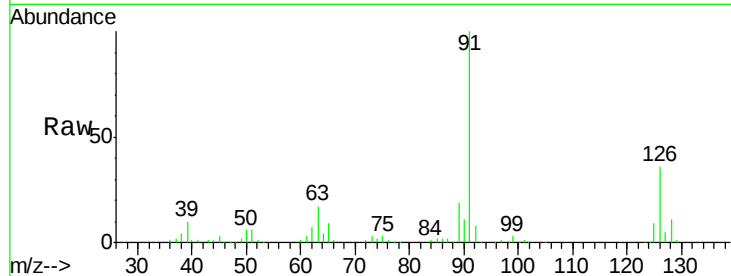
126 36.1 17.7 53.1

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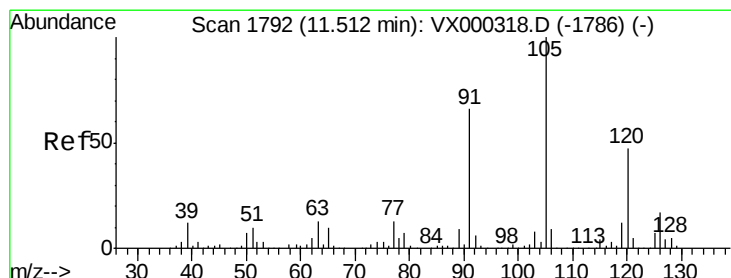
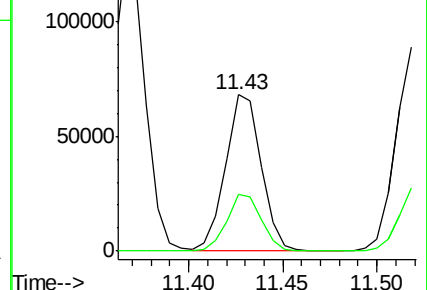
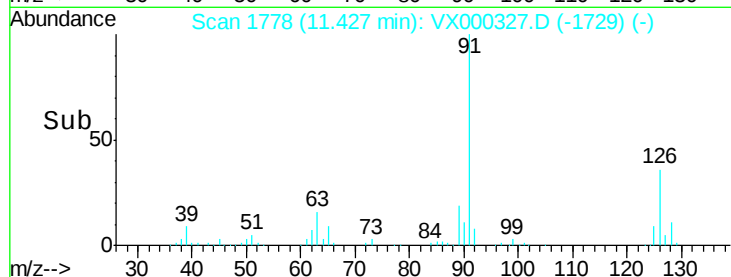
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.19 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000327.D

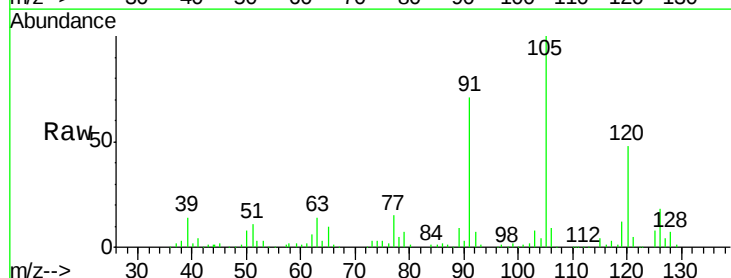
Acq: 15 Mar 2018 14:37

Tgt Ion:105 Resp: 110452

Ion Ratio Lower Upper

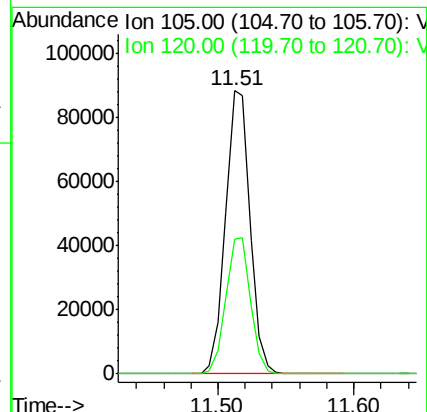
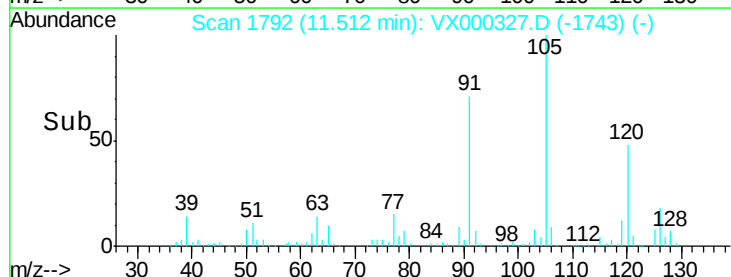
105 100

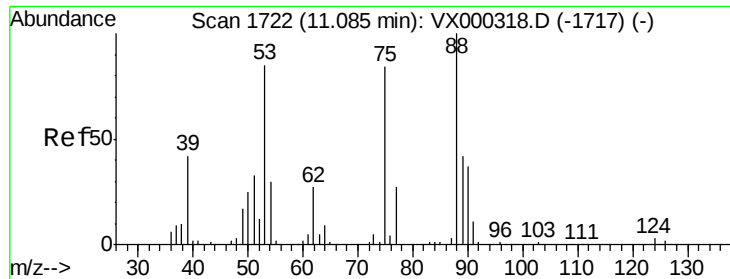
120 48.4 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





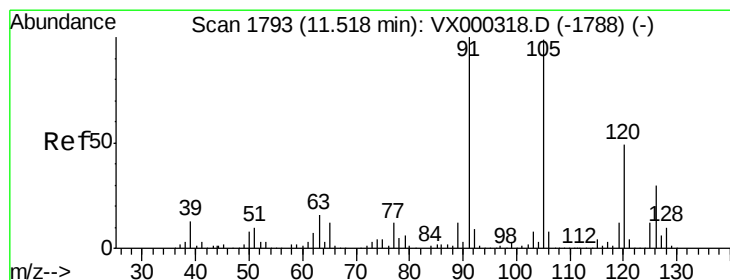
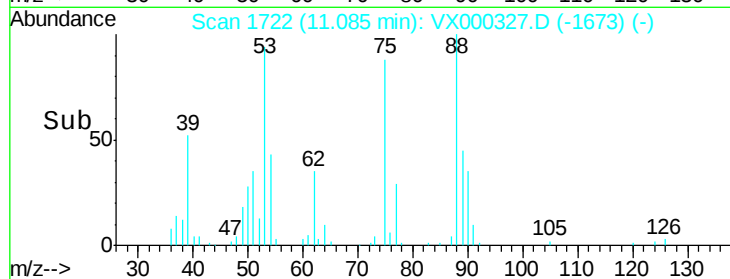
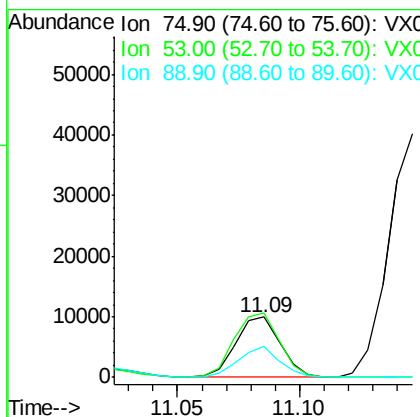
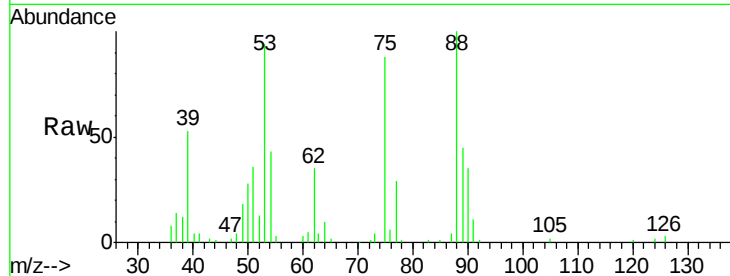
#81
trans-1,4-Dichloro-2-butene
Concen: 17.61 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.2	80.7	121.1
89	48.1	39.4	59.0

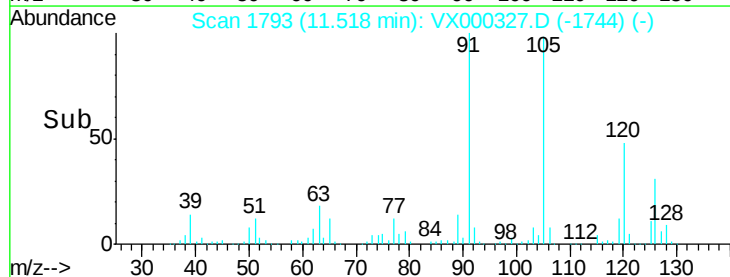
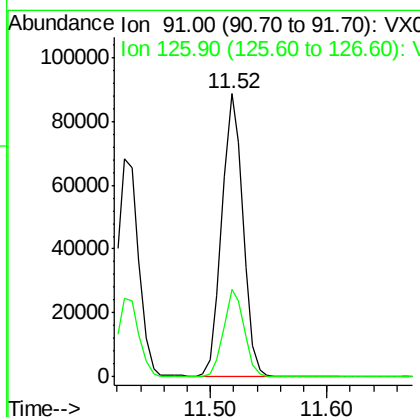
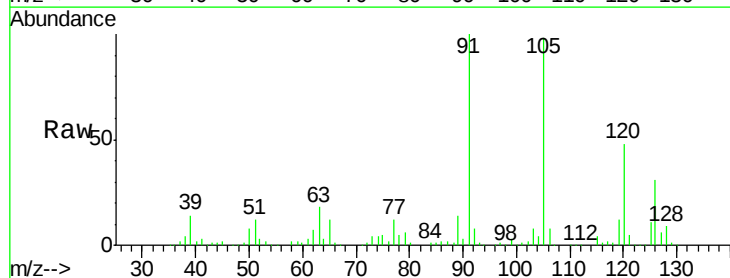
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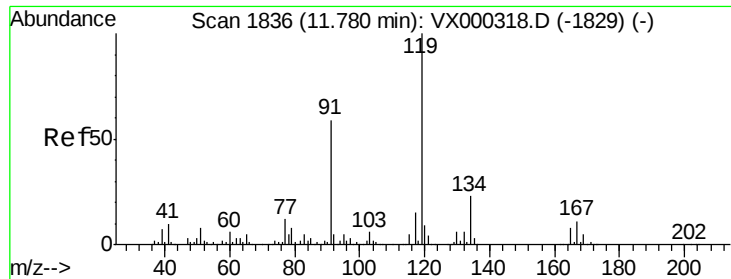
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#82
4-Chlorotoluene
Concen: 18.58 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	15.4	46.1





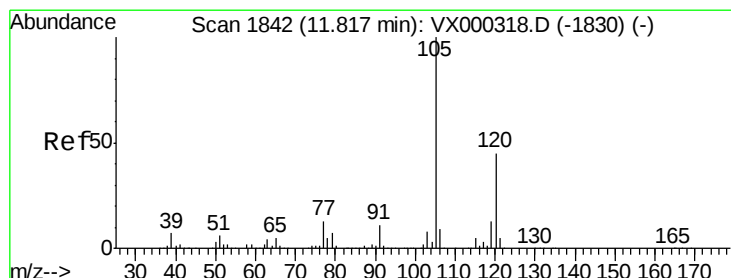
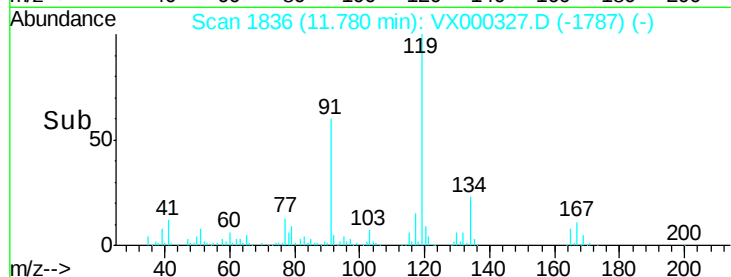
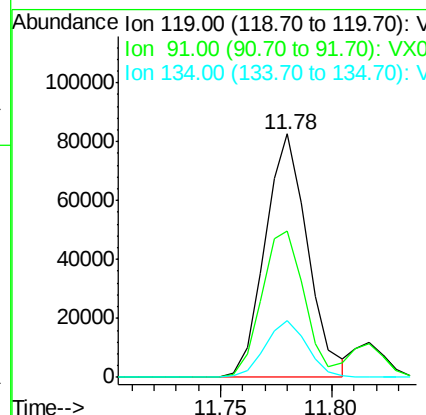
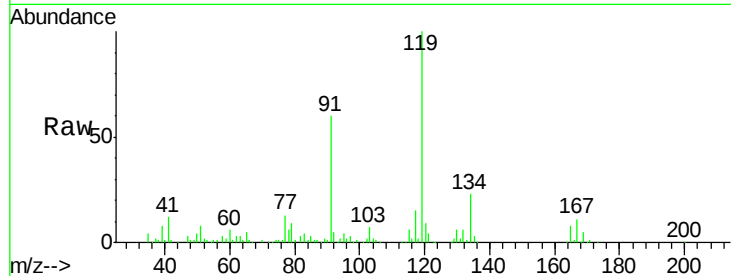
#83
 tert-Butylbenzene
 Concen: 18.51 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	109662		
91	59.7	28.8	86.4	
134	22.7	11.4	34.1	

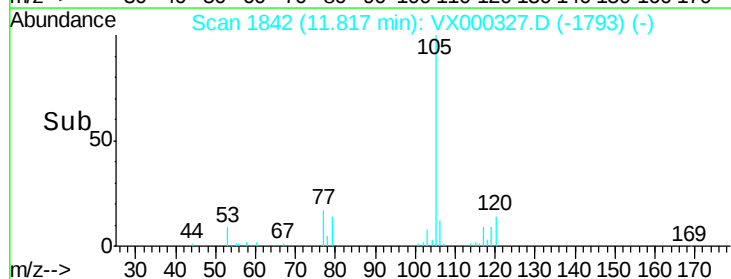
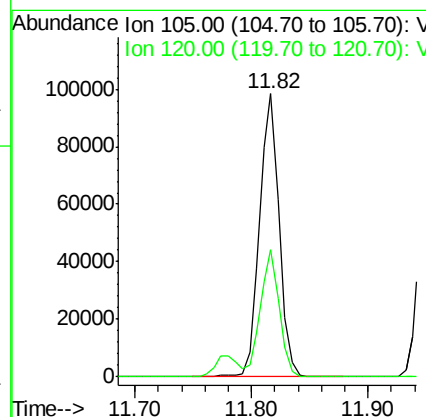
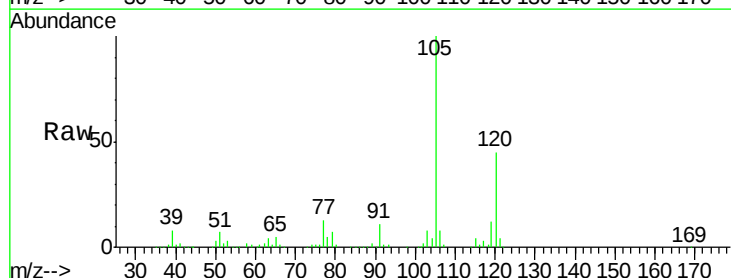
Manual Integrations
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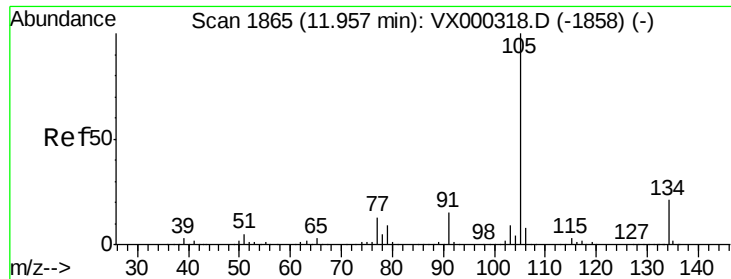
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.53 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	115654		
120	43.4	22.4	67.3	





#85

sec-Butylbenzene

Concen: 18.88 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampled :

VX0315WBS01

Tot Ion:105 Resp: 140021

Ion Ratio Lower Upper

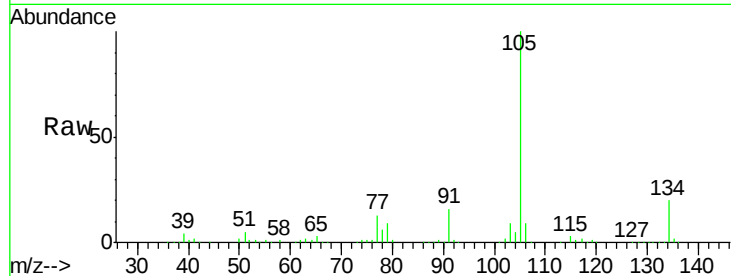
105 100

134 19.9 10.3 30.8

Manual Integrations
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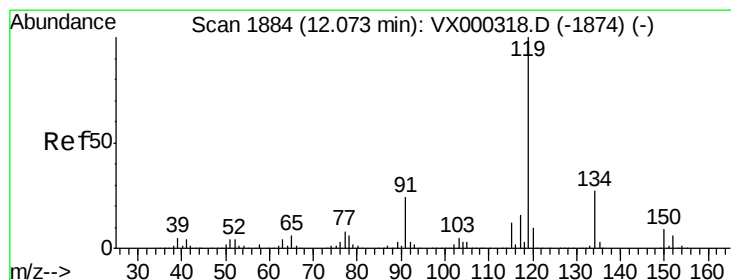
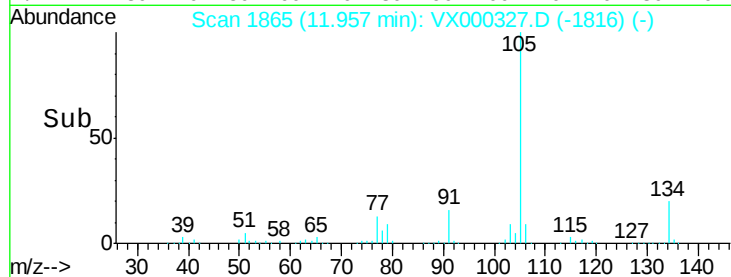
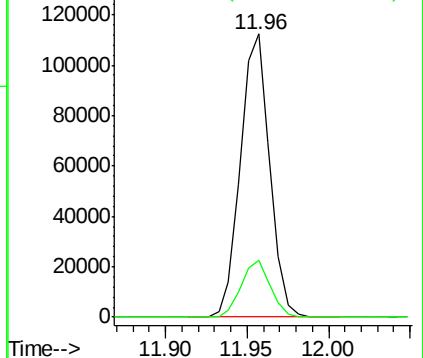
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.05 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

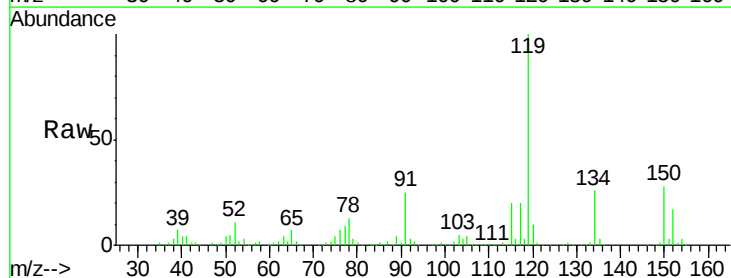
Tgt Ion:119 Resp: 125754

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.9

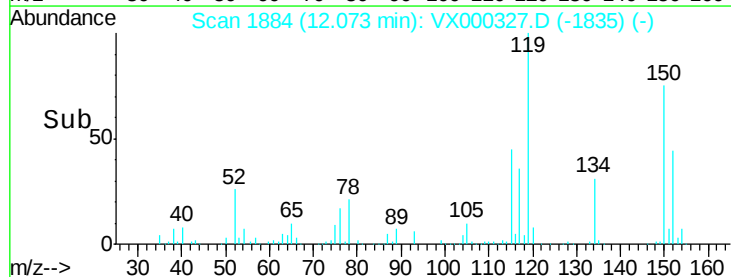
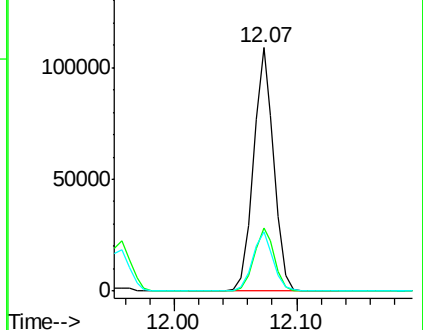
91 24.6 12.0 36.1

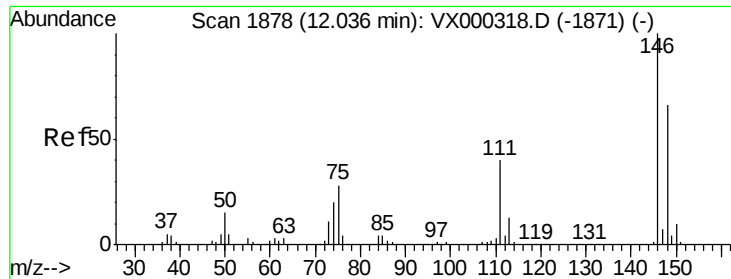


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





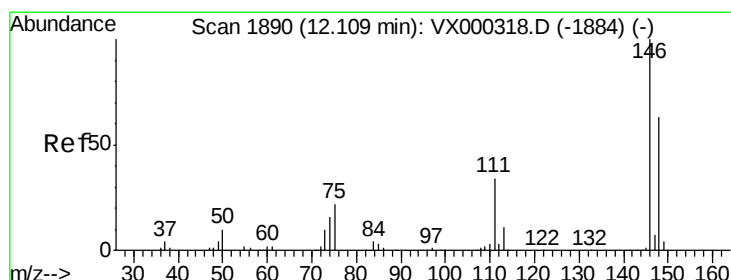
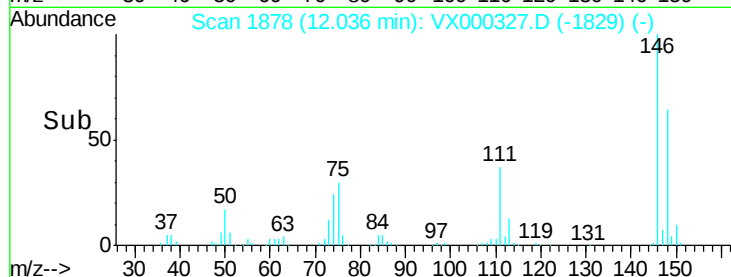
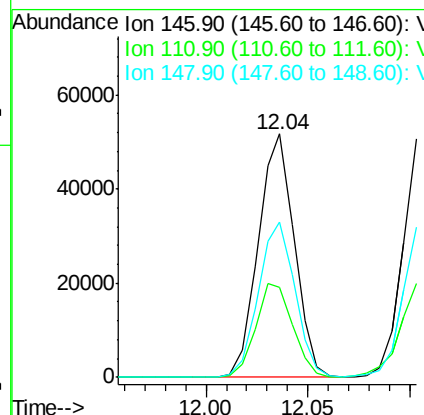
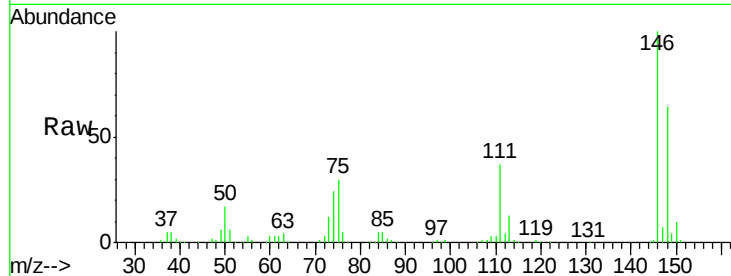
#87
 1,3-Dichlorobenzene
 Concen: 17.38 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.5	58.5
148	64.8	32.4	97.0

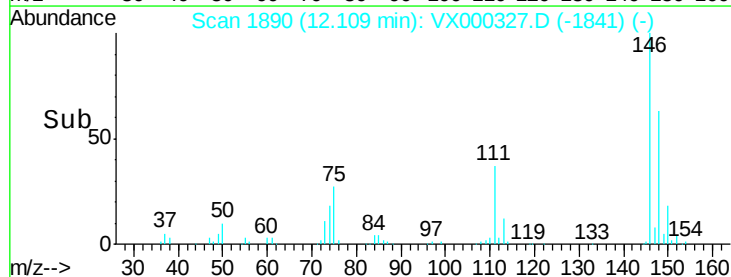
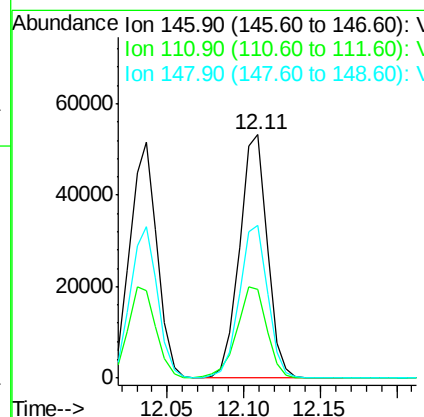
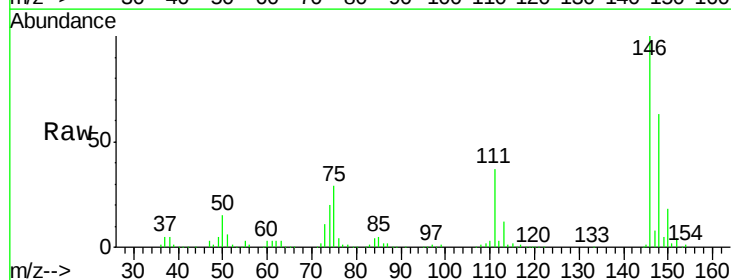
Manual Integrations
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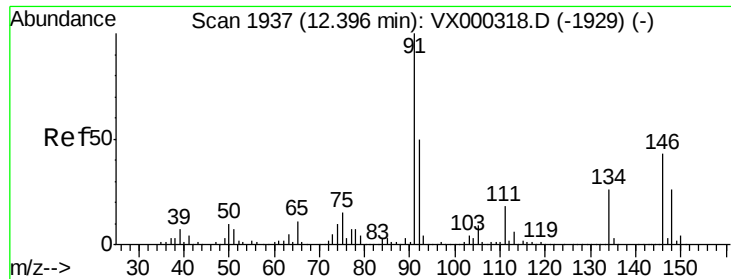
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#88
 1,4-Dichlorobenzene
 Concen: 17.55 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	18.9	56.9
148	64.3	31.0	93.0





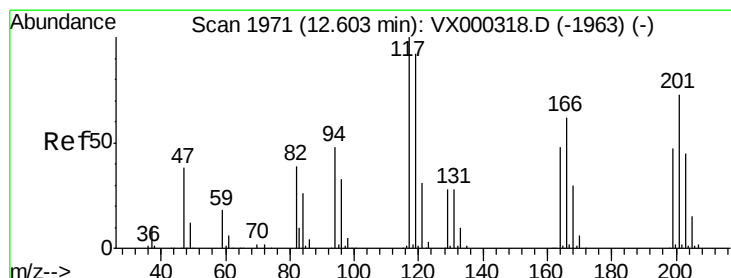
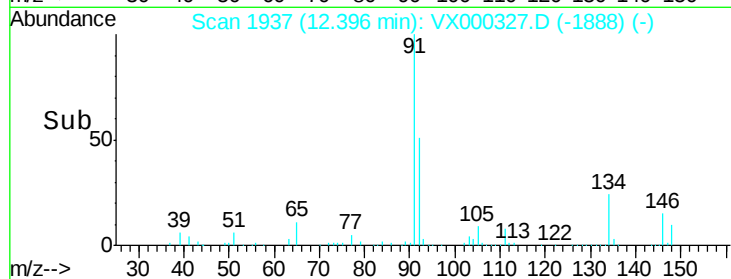
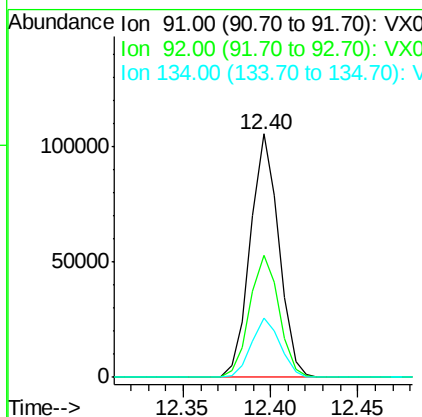
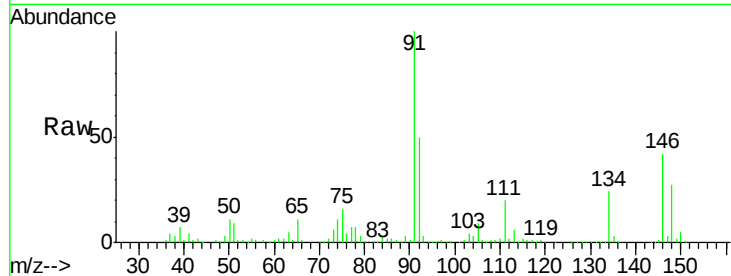
#89
n-Butylbenzene
Concen: 18.68 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	119857		
92	51.6	25.9	77.8	
134	24.8	13.1	39.3	

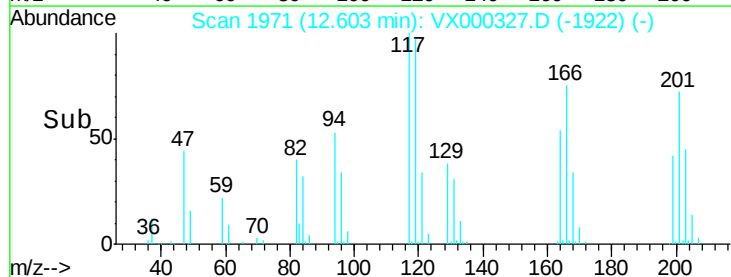
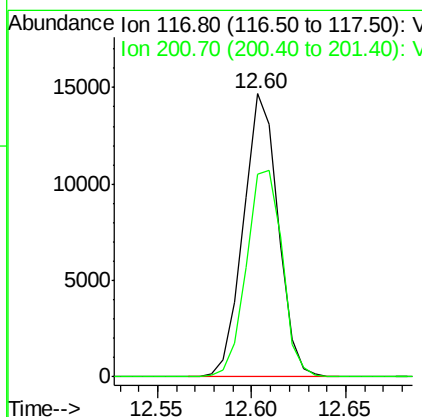
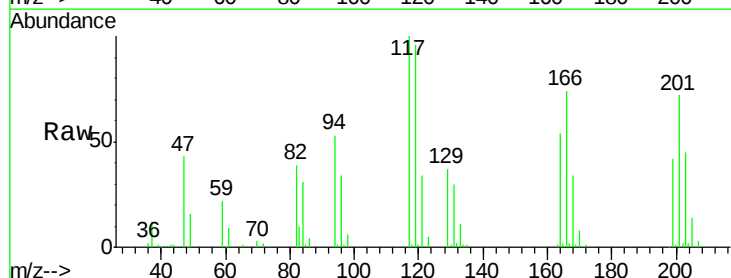
Manual Integrations
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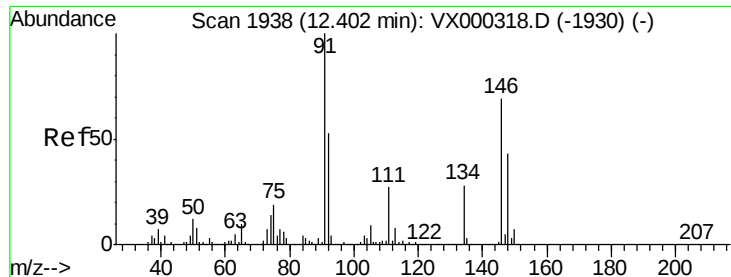
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#90
Hexachloroethane
Concen: 17.73 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	18773		
201	75.2	37.9	113.6	





#91

1,2-Dichlorobenzene

Concen: 17.91 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

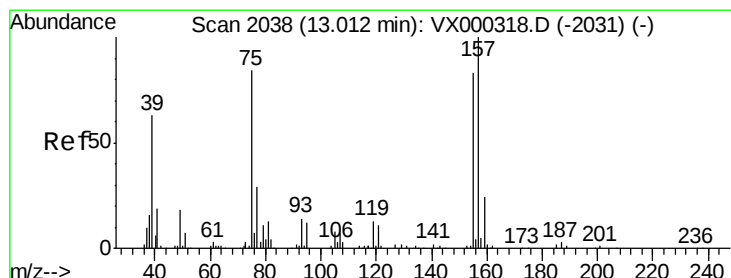
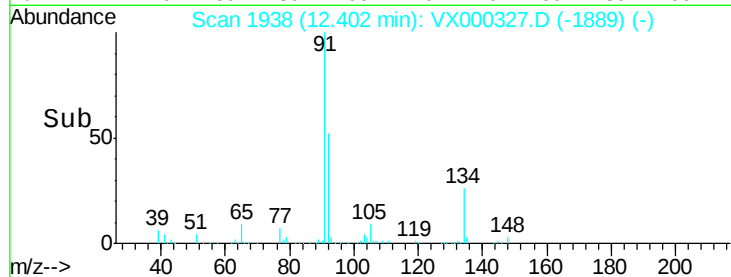
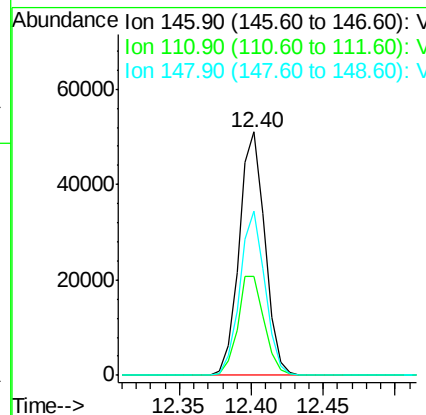
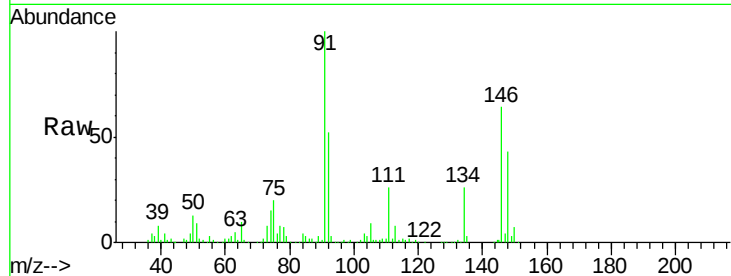
ClientSampleId :

VX0315WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.1	60.2
148	65.8	31.2	93.6

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.80 ug/l

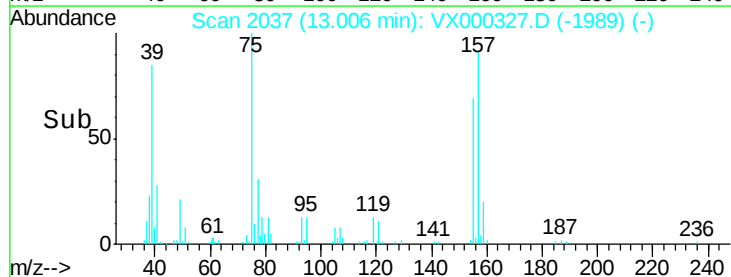
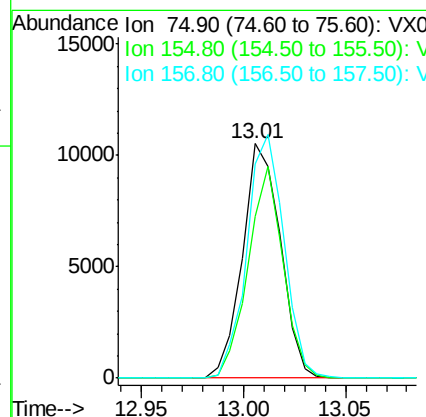
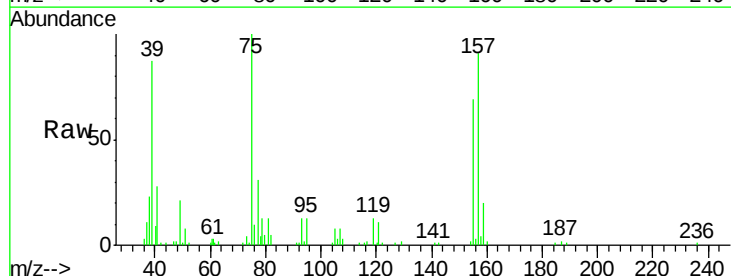
RT: 13.01 min Scan# 2037

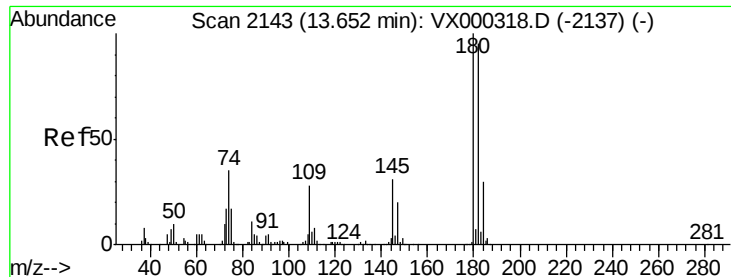
Delta R.T. -0.01 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.0	45.0	134.8
157	101.9	58.1	174.2





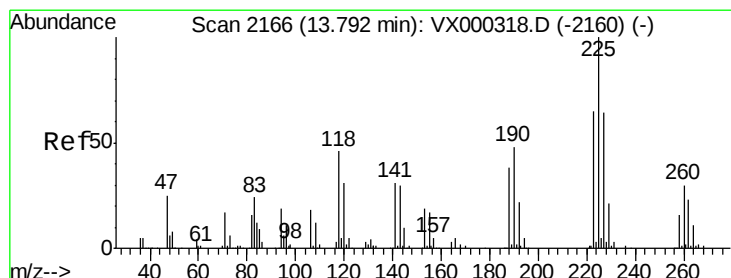
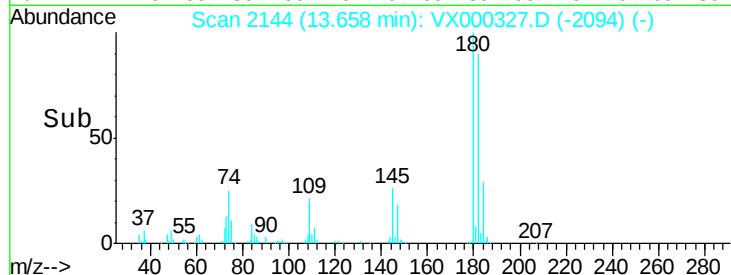
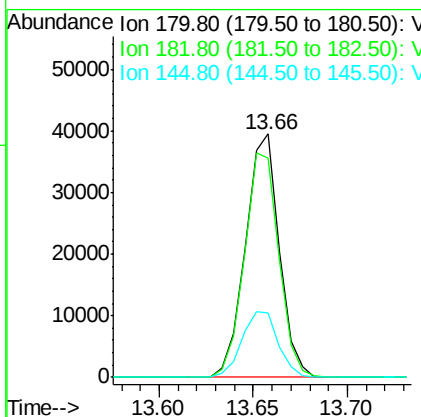
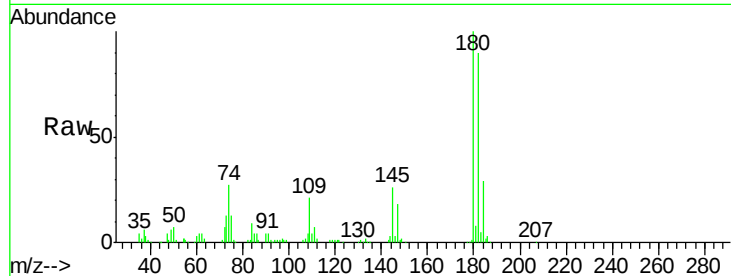
#93
 1,2,4-Trichlorobenzene
 Concen: 19.09 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.6	142.9
145	28.9	15.1	45.3

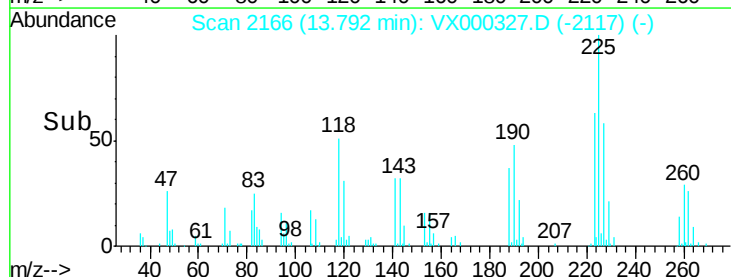
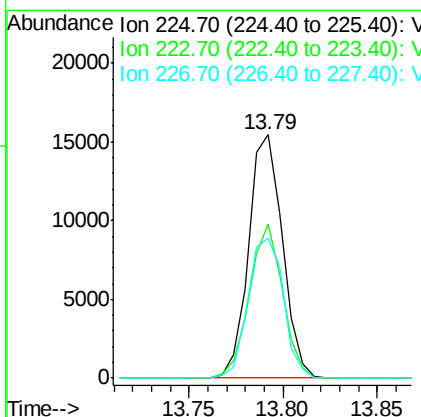
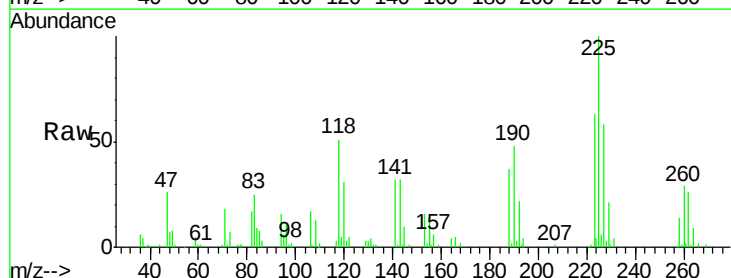
Manual Integrations
 APPROVED

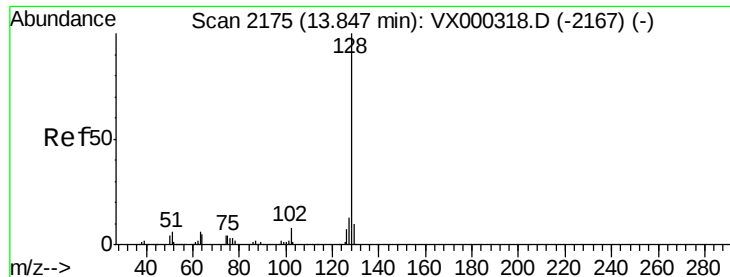
apatel
 3/16/2018 3:43:23 PM



#94
 Hexachlorobutadiene
 Concen: 18.99 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	32.0	96.0
227	60.5	32.6	98.0





#95

Naphthalene

Concen: 18.96 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.01 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

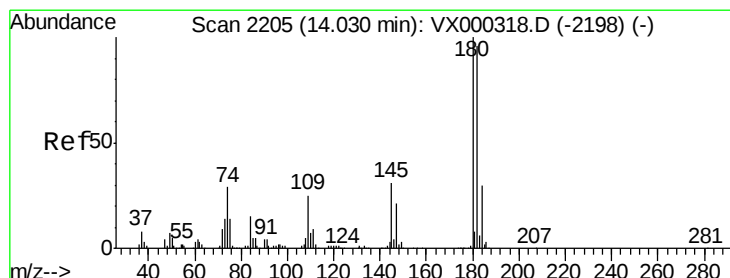
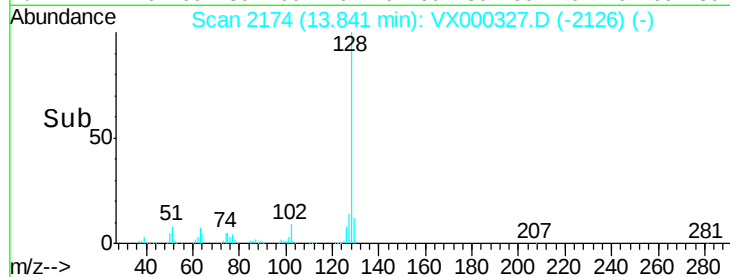
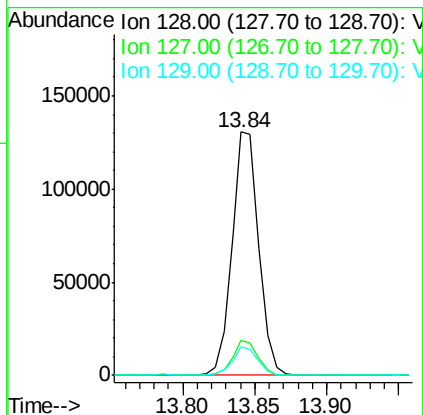
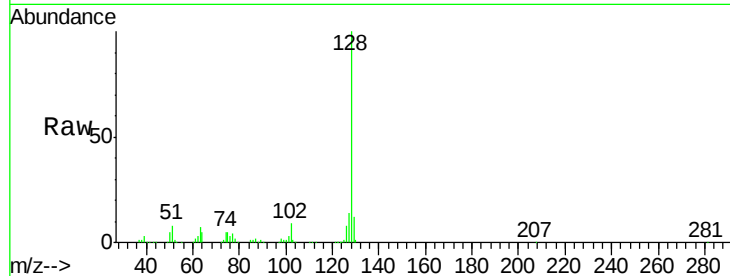
ClientSampleId :

VX0315WBS01

Tot Ion:	128	Resp:	168574
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.6	15.8
129	11.3	8.9	13.3

Manual Integrations
APPROVED

apatel
3/16/2018 3:43:23 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.29 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Tgt Ion:	180	Resp:	47337
Ion Ratio	Lower	Upper	
180	100		
182	96.7	47.4	142.3
145	31.0	15.8	47.3

