

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031418\
 Data File : VX000320.D
 Acq On : 14 Mar 2018 18:07
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

sam
 3/15/2018 3:37:12 PM

Quant Time: Mar 15 03:22:15 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 01:30:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	143943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	238147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	261754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	169113	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	272693	177.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	355.96%	
35) Dibromofluoromethane	5.51	113	218670	144.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.58%	
50) Toluene-d8	8.73	98	973136	167.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	335.86%	
62) 4-Bromofluorobenzene	11.15	95	398229	163.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	326.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	213072	172.67	ug/l	100
3) Chloromethane	1.32	50	204319	152.07	ug/l	97
4) Vinyl Chloride	1.41	62	215268	153.80	ug/l	97
5) Bromomethane	1.64	94	273747	230.42	ug/l	96
6) Chloroethane	1.71	64	197787	252.93	ug/l	96
7) Trichlorofluoromethane	1.92	101	417000	177.48	ug/l	98
8) Diethyl Ether	2.20	74	147614	183.75	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	225018	167.54	ug/l	99
10) Methyl Iodide	2.51	142	259646	151.07	ug/l	99
11) Tert butyl alcohol	3.12	59	486090	879.65	ug/l	100
12) 1,1-Dichloroethene	2.37	96	213345	178.07	ug/l	99
13) Acrolein	2.30	56	204400	675.65	ug/l	98
14) Allyl chloride	2.73	41	381471	168.06	ug/l	99
15) Acrylonitrile	3.17	53	883885	934.24	ug/l	99
16) Acetone	2.46	43	913489	790.28	ug/l	99
17) Carbon Disulfide	2.57	76	634242	166.83	ug/l	98
18) Methyl Acetate	2.79	43	403404	174.42	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	775260	182.43	ug/l	99
20) Methylene Chloride	2.86	84	225775	165.90	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	240392	180.25	ug/l	94
22) Diisopropyl ether	3.89	45	640497	166.01	ug/l	95
23) Vinyl Acetate	3.84	43	3092701	903.19	ug/l	99
24) 1,1-Dichloroethane	3.70	63	370697	166.61	ug/l	99
25) 2-Butanone	4.73	43	1143437	742.68	ug/l	99
26) 2,2-Dichloropropane	4.59	77	293311	149.55	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	210359	152.05	ug/l	99
28) Bromochloromethane	5.03	49	169282	161.45	ug/l	97
29) Tetrahydrofuran	5.18	42	760937	805.64	ug/l	99
30) Chloroform	5.23	83	410777	175.87	ug/l	98
31) Cyclohexane	5.58	56	311752	153.42	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	361009	166.29	ug/l	99
36) 1,1-Dichloropropene	5.81	75	297492	140.94	ug/l	99
37) Ethyl Acetate	4.88	43	414965	141.15	ug/l	99
38) Carbon Tetrachloride	5.79	117	323174	140.27	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	360327	135.57	ug/l	98
40) Benzene	6.15	78	864952	144.47	ug/l	99
41) Methacrylonitrile	5.08	41	210445	136.17	ug/l	97
42) 1,2-Dichloroethane	6.21	62	333876	153.68	ug/l	99
43) Isopropyl Acetate	6.48	43	634140	145.23	ug/l	99
44) Trichloroethene	7.22	130	240642	127.27	ug/l	94
45) 1,2-Dichloropropane	7.52	63	217722	141.28	ug/l	99
46) Dibromomethane	7.67	93	173518	150.95	ug/l	98
47) Bromodichloromethane	7.91	83	332405	152.77	ug/l	99
48) Methyl methacrylate	7.79	41	315829	146.14	ug/l	99
49) 1,4-Dioxane	7.77	88	151388	2775.26	ug/l	98
51) 4-Methyl-2-Pentanone	8.67	43	2566146	828.16	ug/l	98
52) Toluene	8.79	92	653867	163.13	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	393426	151.46	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	408277	160.49	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	270028	162.63	ug/l	98
56) Ethyl methacrylate	9.20	69	440805	166.18	ug/l	95
57) 1,3-Dichloropropane	9.38	76	414437	157.13	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.33	63	1015136	821.47	ug/l	100
59) 2-Hexanone	9.51	43	2205664	828.54	ug/l	97
60) Dibromochloromethane	9.59	129	319471	164.27	ug/l	97
61) 1,2-Dibromoethane	9.68	107	305705	167.41	ug/l	99
64) Tetrachloroethene	9.34	164	241646	109.60	ug/l	96
65) Chlorobenzene	10.15	112	773125	140.31	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	273256	134.95	ug/l	98
67) Ethyl Benzene	10.26	91	1282100	140.22	ug/l	98
68) m/p-Xylenes	10.37	106	1057531	292.50	ug/l	95
69) o-Xylene	10.71	106	514770	147.46	ug/l	97
70) Styrene	10.72	104	900578	153.68	ug/l	96
71) Bromoform	10.87	173	298303	139.80	ug/l #	97
73) Isopropylbenzene	11.02	105	1389551	136.57	ug/l	99
74) N-amyl acetate	6.48	43	634140	118.01	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.28	83	522204	145.80	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	436858m	100.48	ug/l	
77) Bromobenzene	11.27	156	382316	132.05	ug/l	94
78) n-propylbenzene	11.37	91	1642873	137.15	ug/l	99
79) 2-Chlorotoluene	11.43	91	936510	135.82	ug/l	98
80) 1,3,5-Trimethylbenzene	11.52	105	1211154	139.28	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	175019	139.58	ug/l	94
82) 4-Chlorotoluene	11.52	91	1155687	138.20	ug/l	97
83) tert-Butylbenzene	11.78	119	1218176	137.25	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	1246622	137.89	ug/l	97
85) sec-Butylbenzene	11.96	105	1470498	136.99	ug/l	99
86) p-Isopropyltoluene	12.07	119	1358604	135.91	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	745408	133.82	ug/l	98
88) 1,4-Dichlorobenzene	12.11	146	765241	131.67	ug/l	98
89) n-Butylbenzene	12.40	91	1265699	136.86	ug/l	99
90) Hexachloroethane	12.61	117	237098	147.65	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	743212	137.72	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	143427	129.92	ug/l	95

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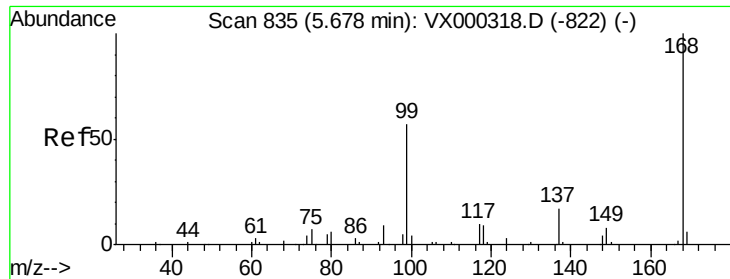
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	551034	118.33	ug/l	99
94) Hexachlorobutadiene	13.79	225	200978	81.52	ug/l	98
95) Naphthalene	13.85	128	1922867	140.71	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	535563	118.48	ug/l	99

(#) = 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: VX000320.D

Acq: 14 Mar 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 143943

Ion Ratio Lower Upper

168 100

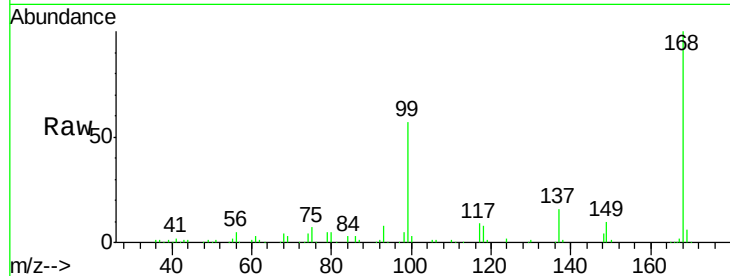
99 56.9 45.8 68.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

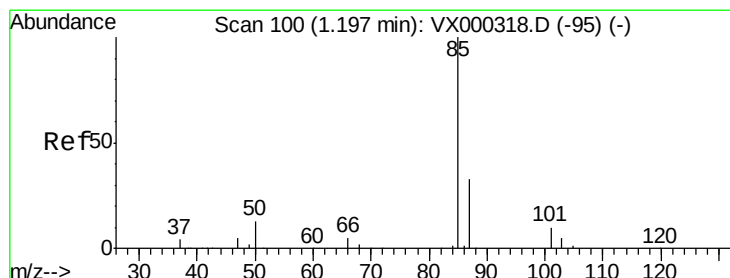
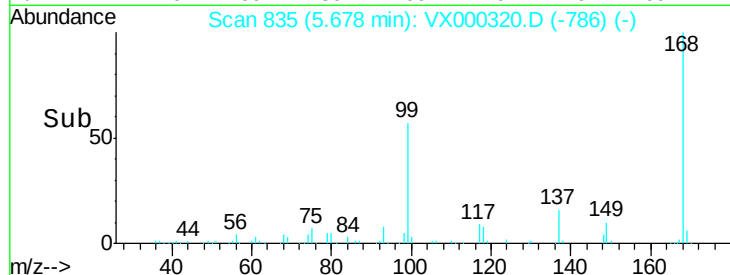
40000

20000

0

5.60 5.68 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 172.67 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000320.D

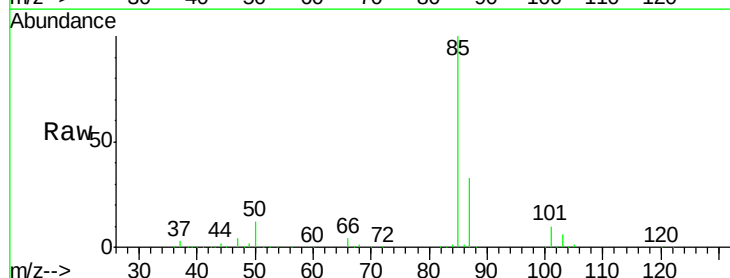
Acq: 14 Mar 2018 18:07

Tgt Ion: 85 Resp: 213072

Ion Ratio Lower Upper

85 100

87 33.3 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

150000

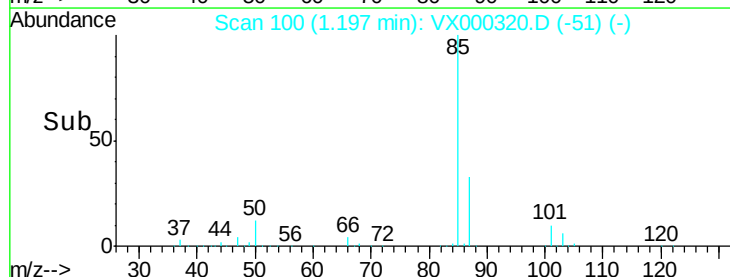
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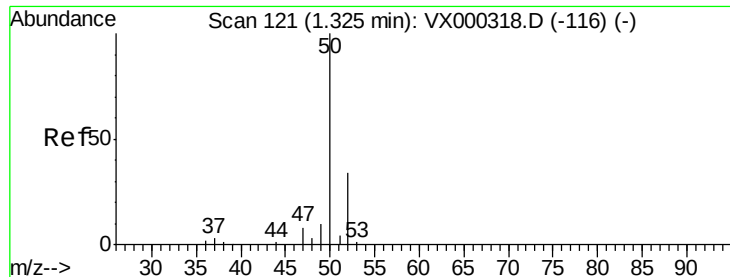
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 152.07 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 204319

Ion Ratio Lower Upper

50 100

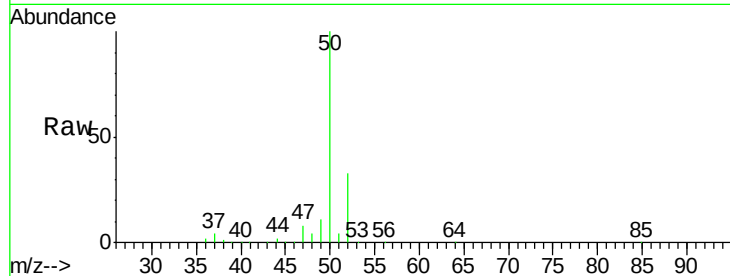
52 32.9 27.5 41.3

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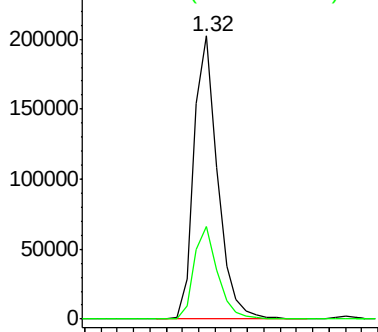
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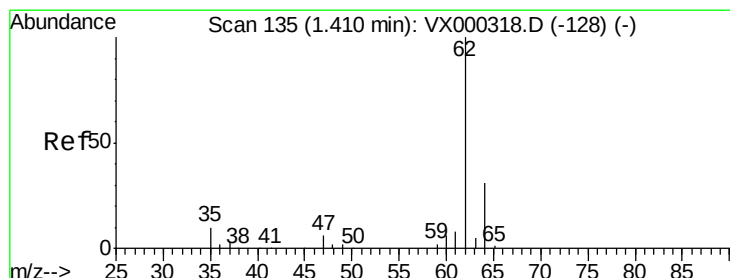
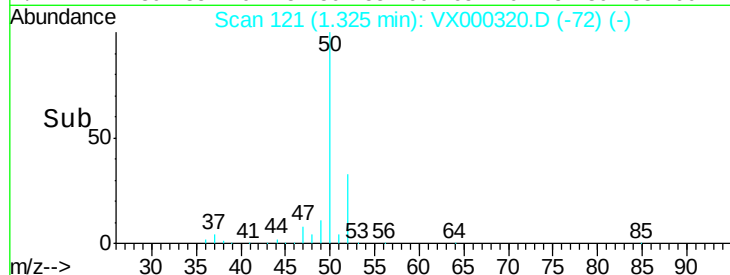


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 153.80 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000320.D

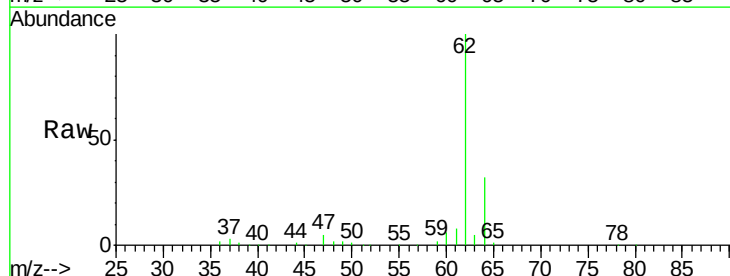
Acq: 14 Mar 2018 18:07

Tgt Ion: 62 Resp: 215268

Ion Ratio Lower Upper

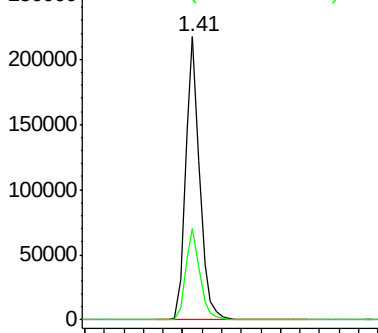
62 100

64 32.4 24.8 37.2

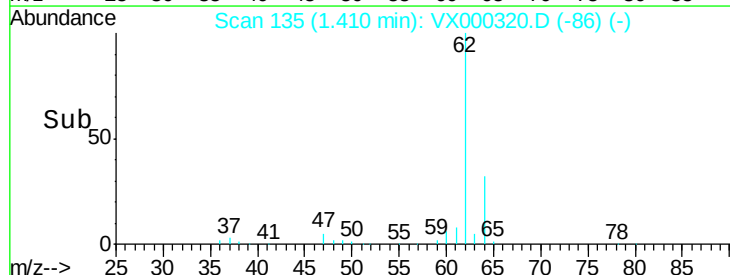


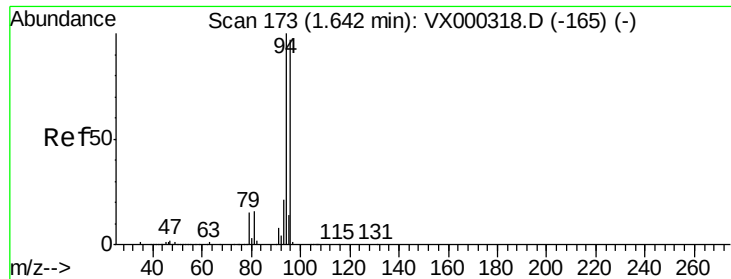
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 230.42 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 273747

Ion Ratio Lower Upper

94 100

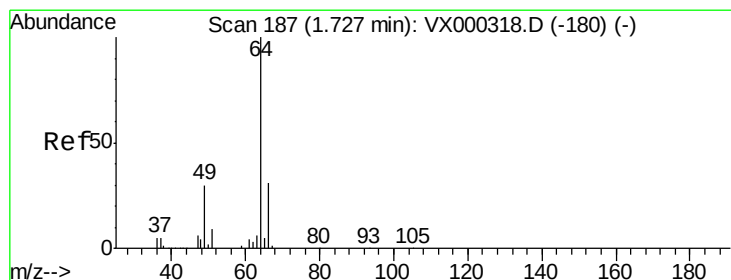
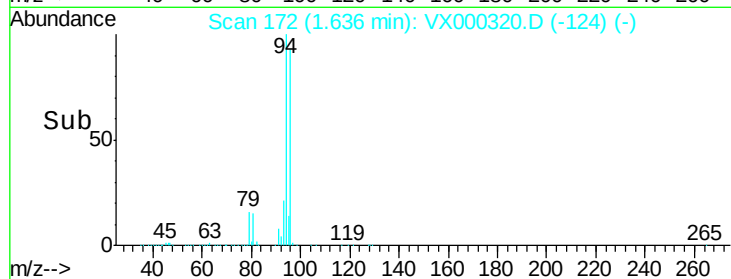
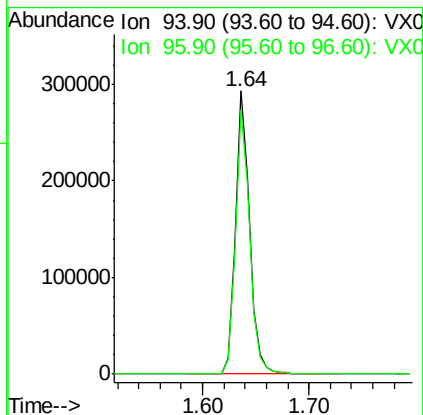
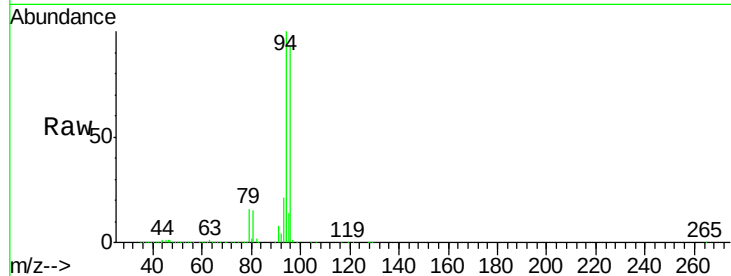
96 93.3 77.7 116.5

Manual Integrations

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#6

Chloroethane

Concen: 252.93 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.02 min

Lab File: VX000320.D

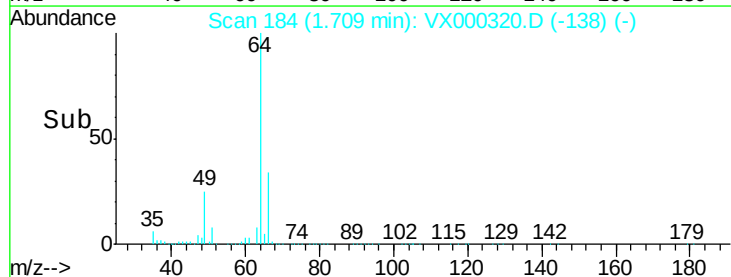
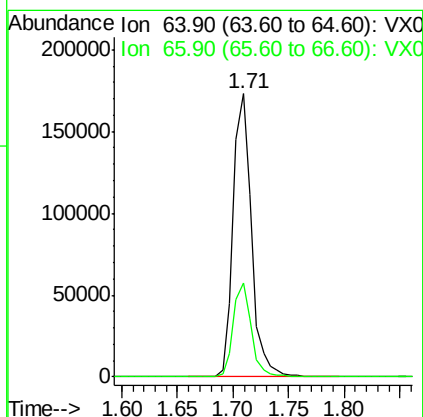
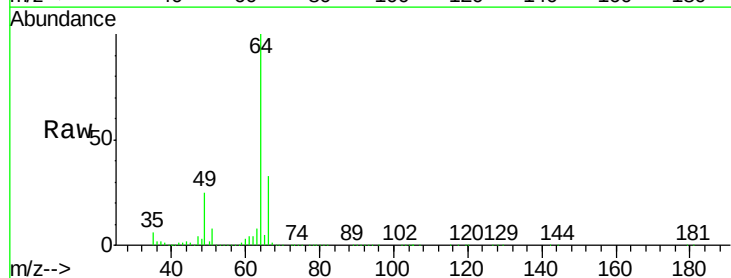
Acq: 14 Mar 2018 18:07

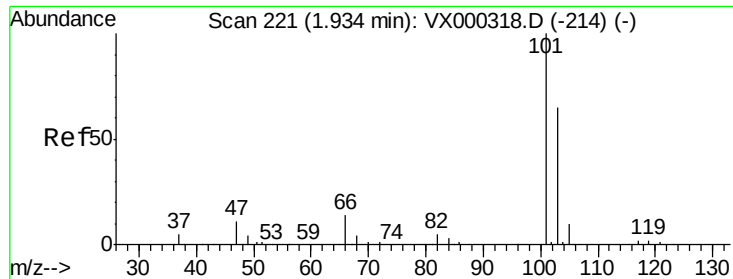
Tgt Ion: 64 Resp: 197787

Ion Ratio Lower Upper

64 100

66 33.2 24.8 37.2





#7

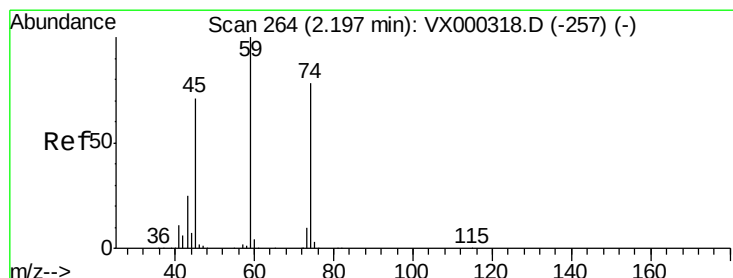
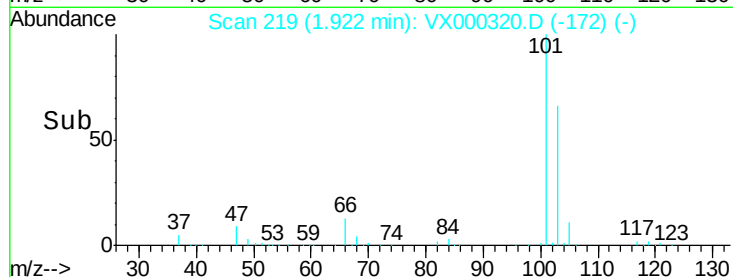
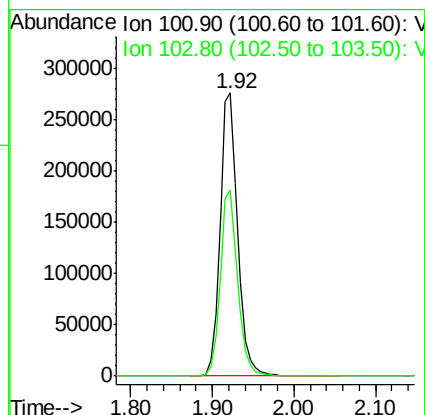
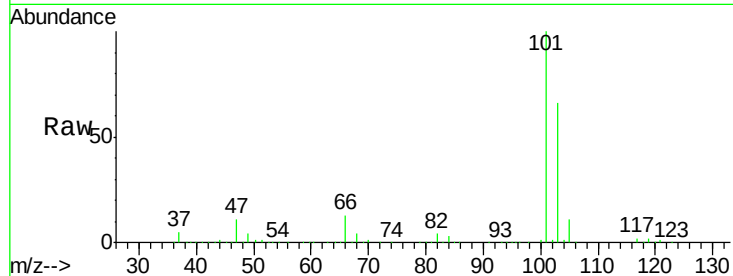
Trichlorofluoromethane
Concen: 177.48 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Instrument :
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ClientSampleId :
VSTDIC150

Tot Ion:101 Resp: 417000
Ion Ratio Lower Upper
101 100
103 65.7 51.6 77.4

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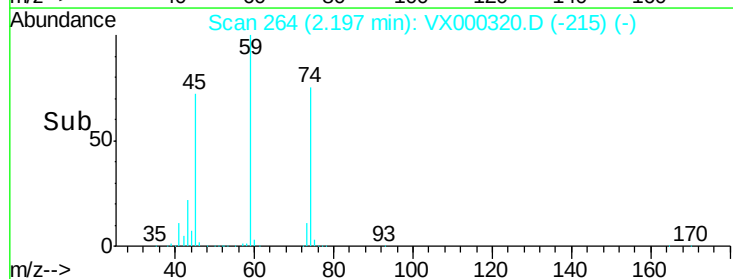
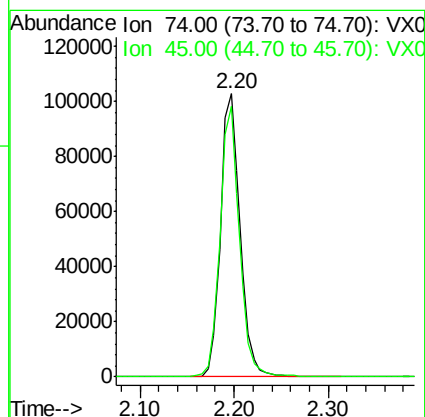
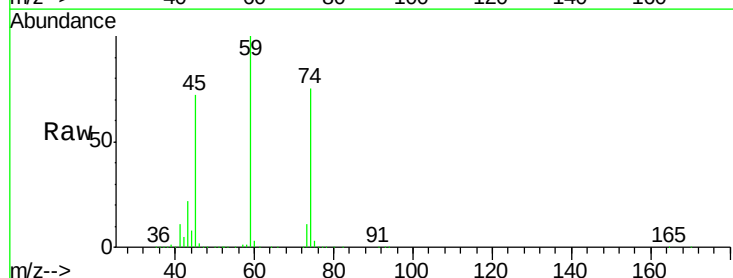
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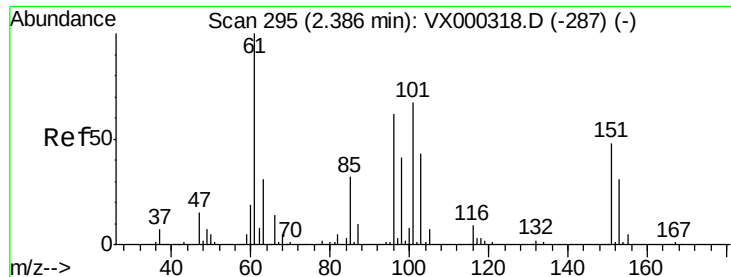


#8

Diethyl Ether
Concen: 183.75 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Tgt Ion: 74 Resp: 147614
Ion Ratio Lower Upper
74 100
45 95.4 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 167.54 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Instrument :

MSVOA_X

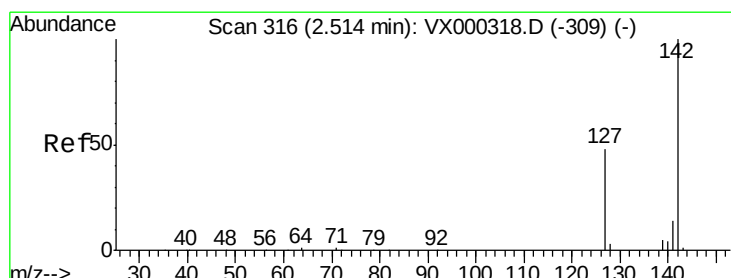
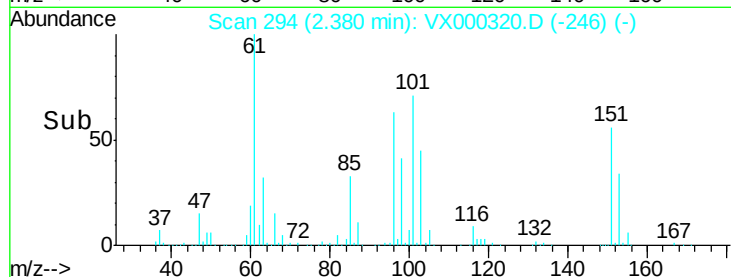
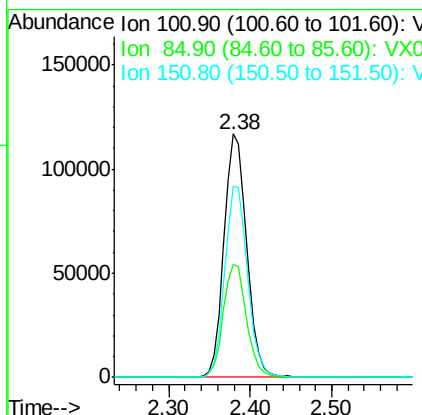
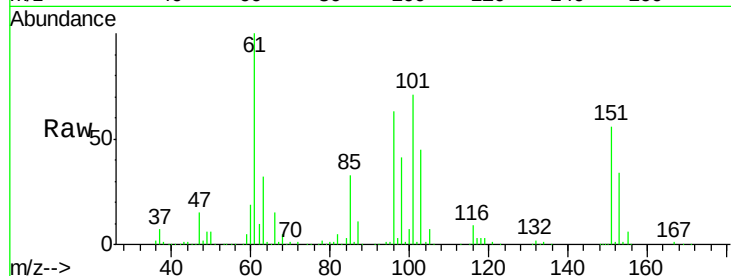
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	225018
Ion Ratio	Lower	Upper	
101	100		
85	47.4	37.6	56.4
151	78.8	62.6	93.8

Manual Integrations
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#10

Methyl Iodide

Concen: 151.07 ug/l

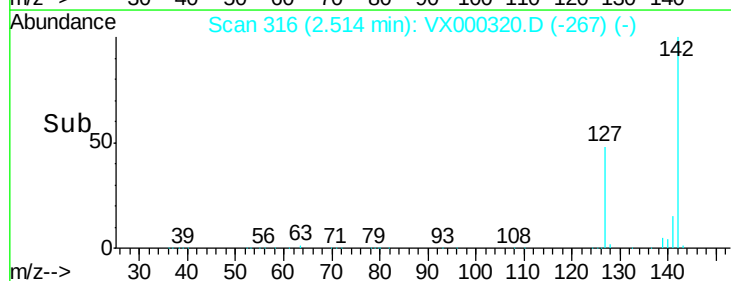
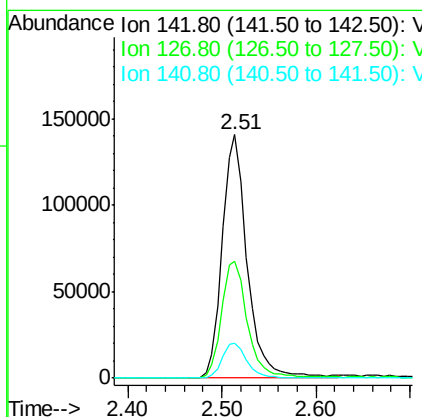
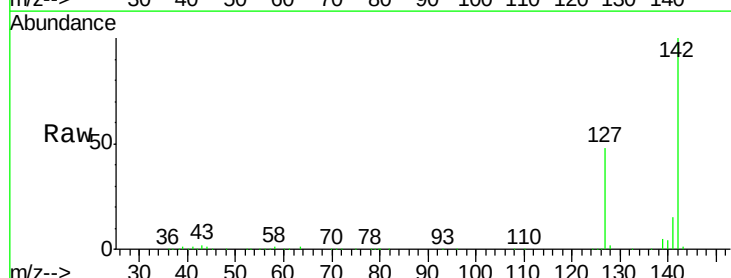
RT: 2.51 min Scan# 316

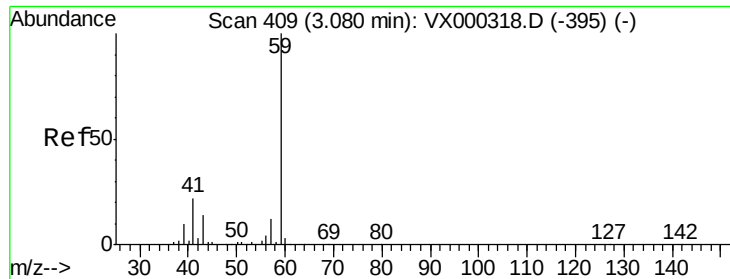
Delta R.T. 0.00 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Tgt Ion:	142	Resp:	259646
Ion Ratio	Lower	Upper	
142	100		
127	50.3	39.2	58.8
141	14.5	11.7	17.5





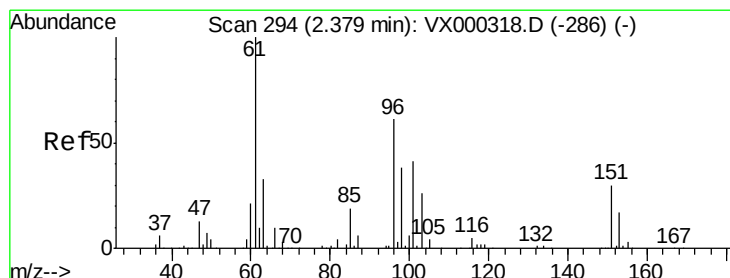
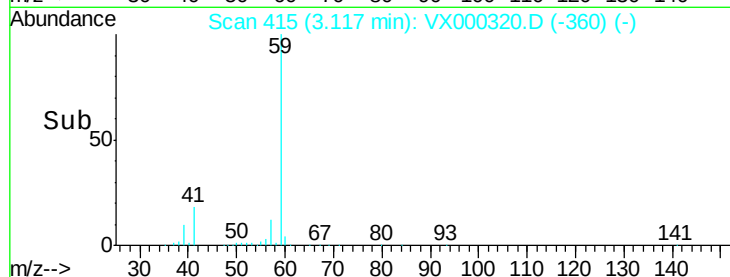
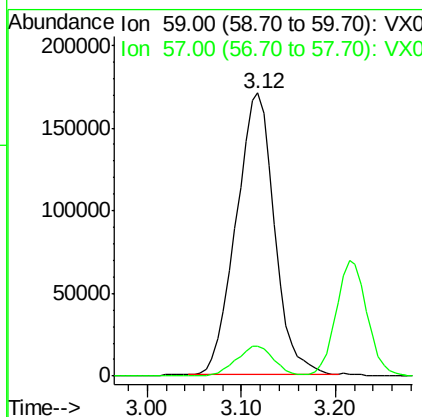
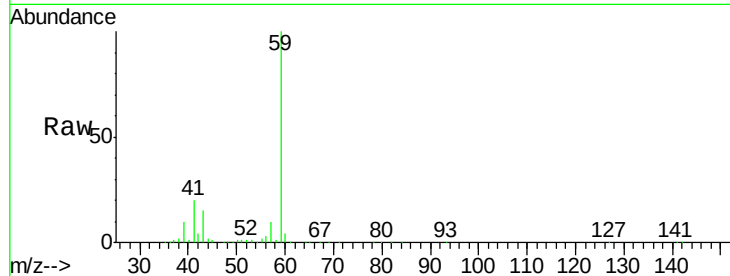
#11
Tert butyl alcohol
Concen: 879.65 ug/l
RT: 3.12 min Scan# 415
Delta R.T. 0.04 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	59	57	Ratio	100	10.6	Resp	486090	Lower	8.4	Upper	12.6
Ion	59	57	Ratio	100	10.6	Resp	486090	Lower	8.4	Upper	12.6

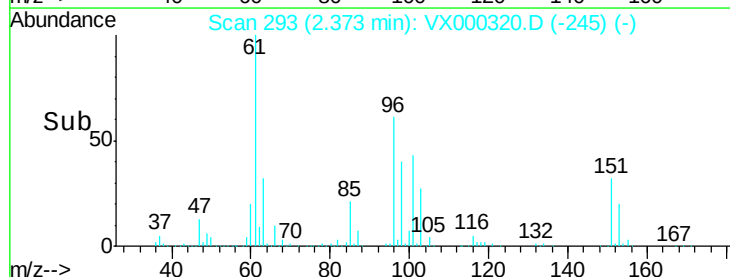
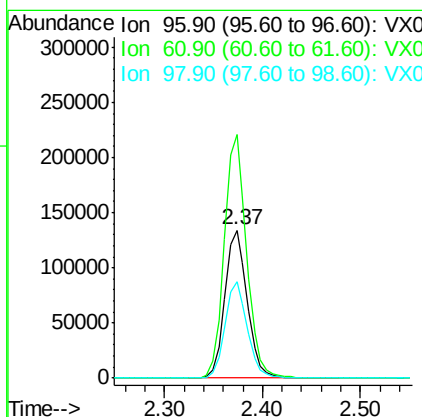
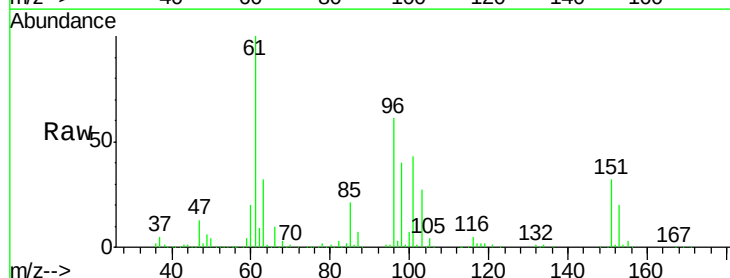
Manual Integrations
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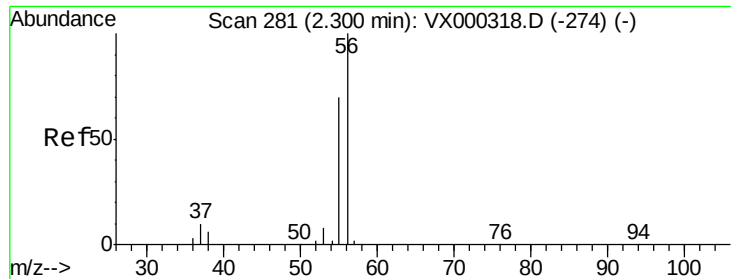
sam
3/15/2018 3:37:12 PM



#12
1,1-Dichloroethene
Concen: 178.07 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Tgt Ion	96	61	98	Ratio	100	164.2	65.0	Resp	213345	Lower	131.2	49.8	Upper	196.8	74.8
Ion	96	61	98	Ratio	100	164.2	65.0	Resp	213345	Lower	131.2	49.8	Upper	196.8	74.8





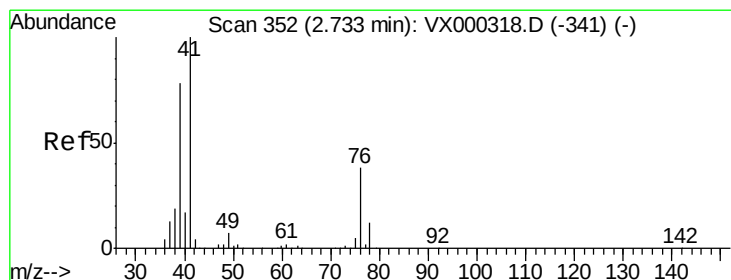
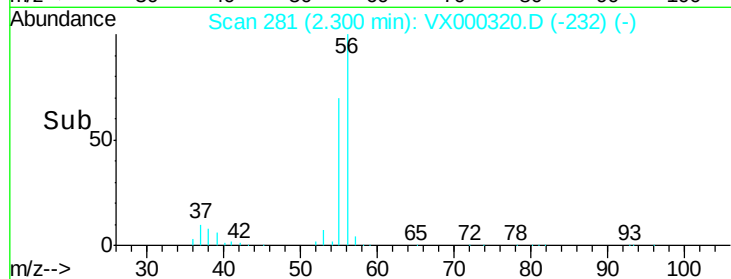
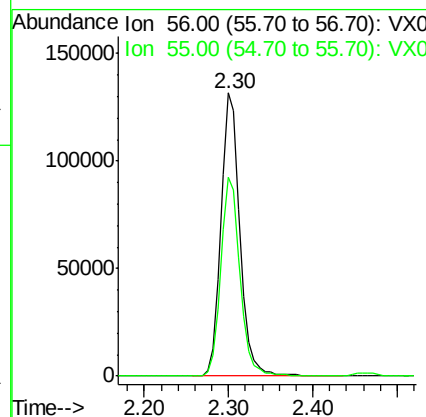
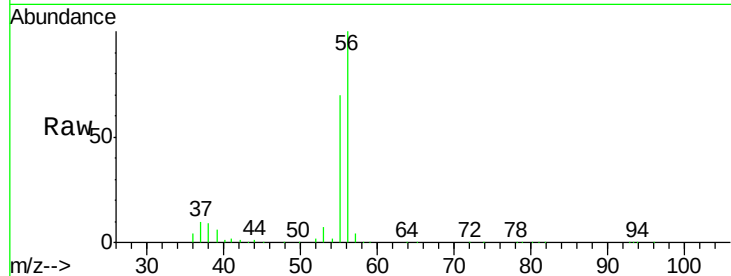
#13
 Acrolein
 Concen: 675.65 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: VX000320.D
 Acq: 14 Mar 2018 18:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		204400		
55	72.0		58.8	88.2	

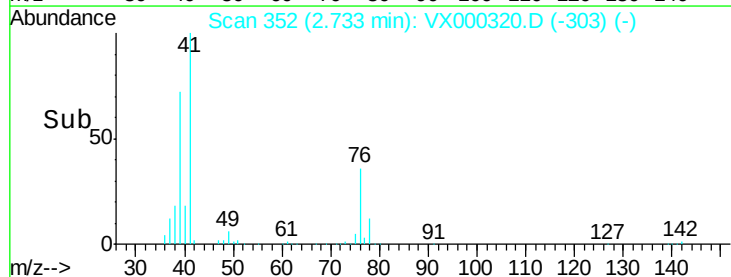
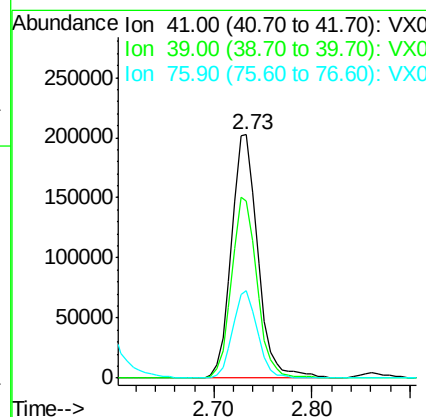
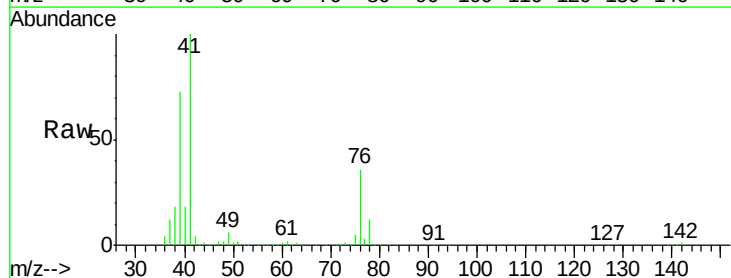
Manual Integrations
 APPROVED

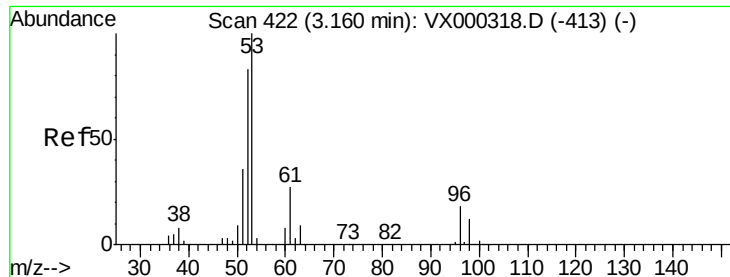
sam
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#14
 Allyl chloride
 Concen: 168.06 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX000320.D
 Acq: 14 Mar 2018 18:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
41	100		381471		
39	71.1		57.6	86.4	
76	33.8		27.3	40.9	





#15

Acrylonitrile

Concen: 934.24 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Instrument :

MSVOA_X

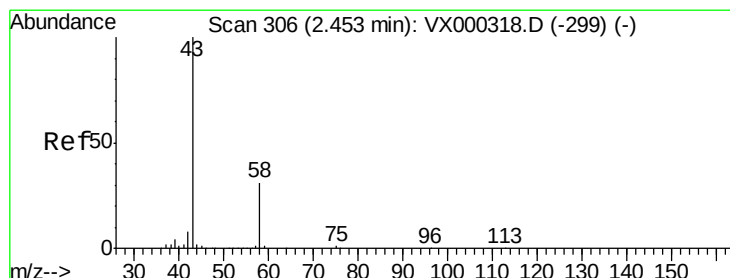
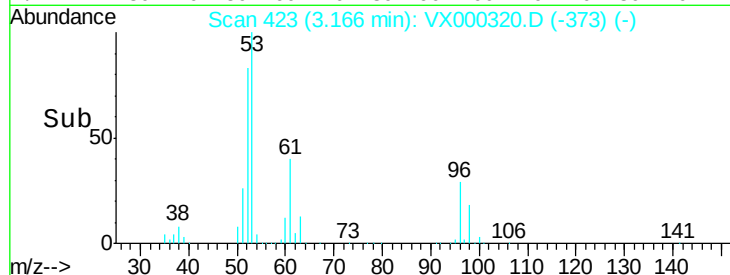
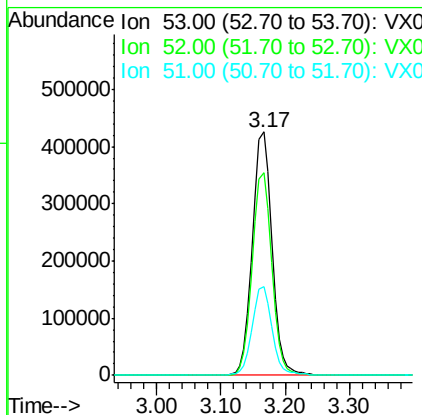
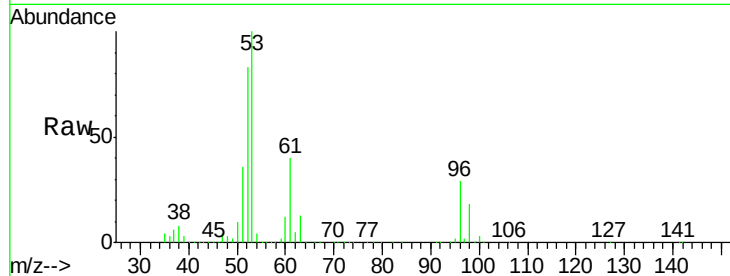
ClientSampled :

VSTDIC150

Tot Ion:	53	Resp:	883885
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.6	99.8
51	37.1	29.3	43.9

Manual Integrations
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sam
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#16

Acetone

Concen: 790.28 ug/l

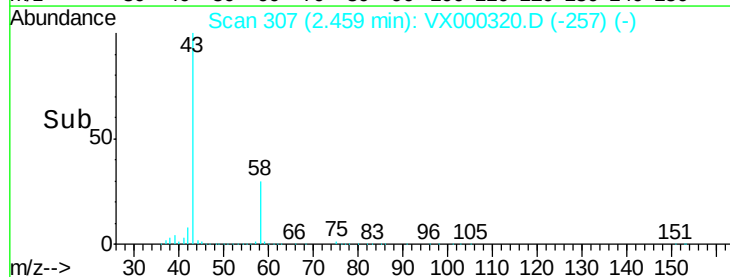
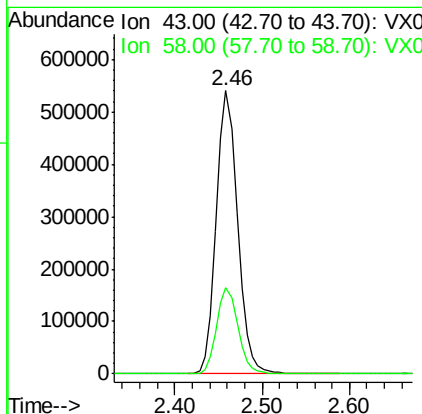
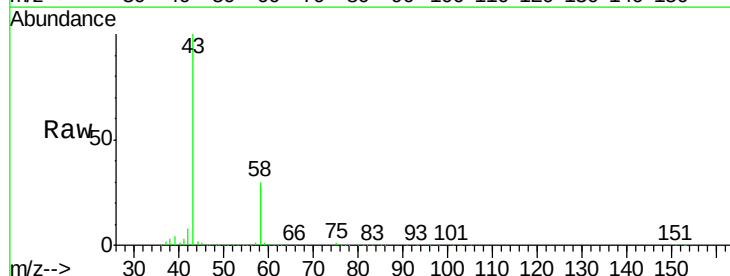
RT: 2.46 min Scan# 307

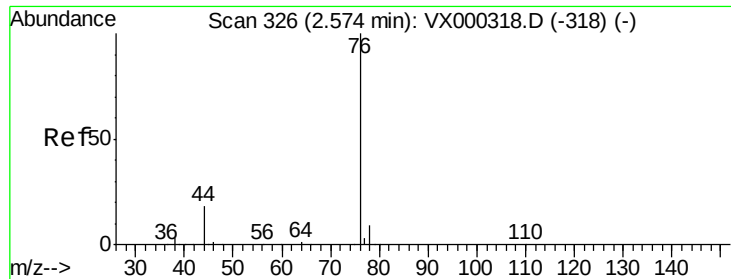
Delta R.T. 0.01 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Tgt Ion:	43	Resp:	913489
Ion Ratio	Lower	Upper	
43	100		
58	30.4	24.7	37.1





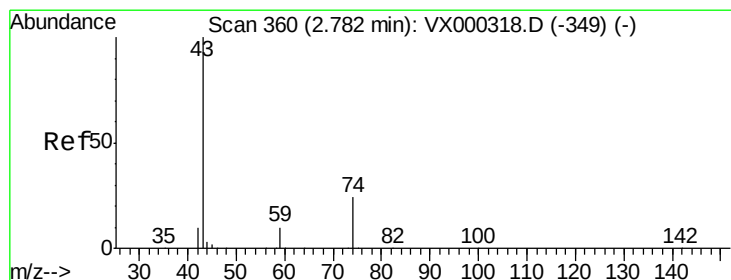
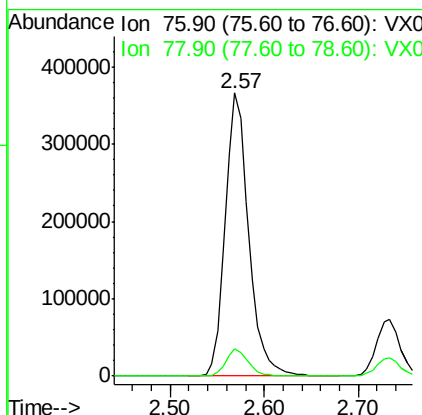
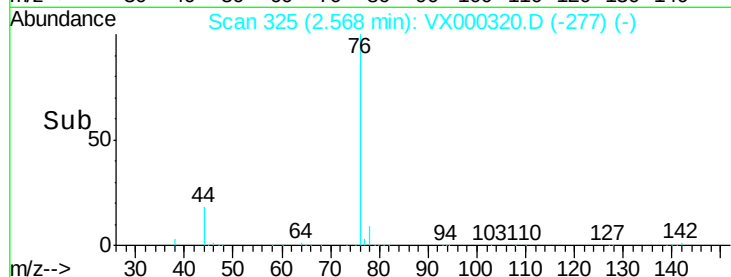
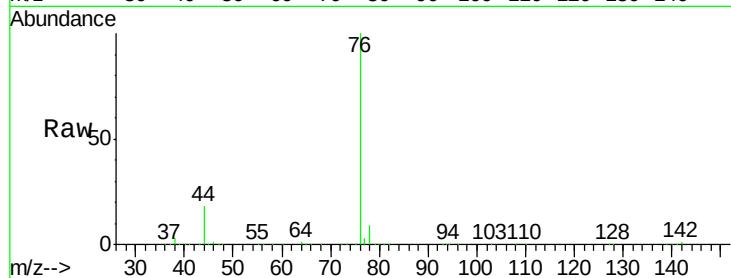
#17
Carbon Disulfide
Concen: 166.83 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.0	10.6

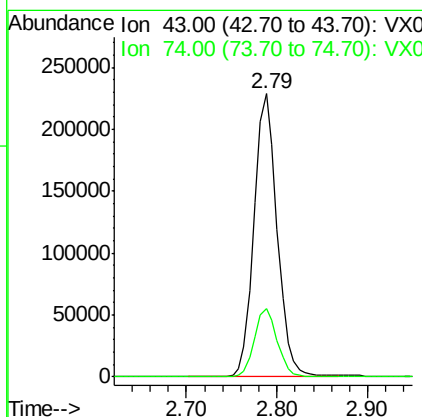
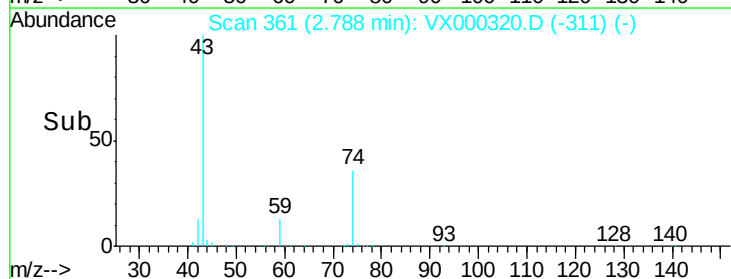
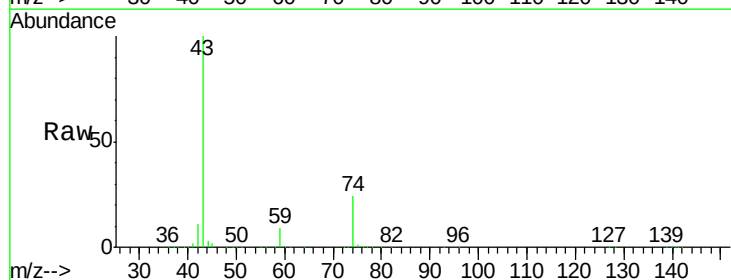
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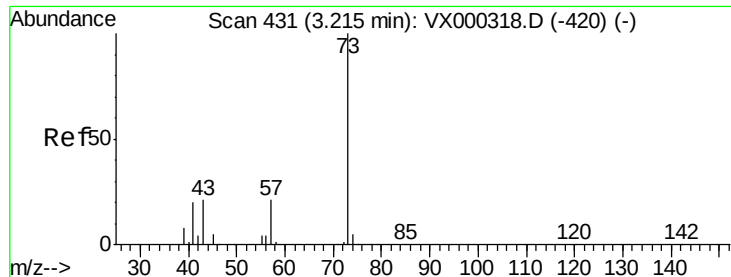
sam
3/15/2018 3:37:12 PM



#18
Methyl Acetate
Concen: 174.42 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.4	29.2





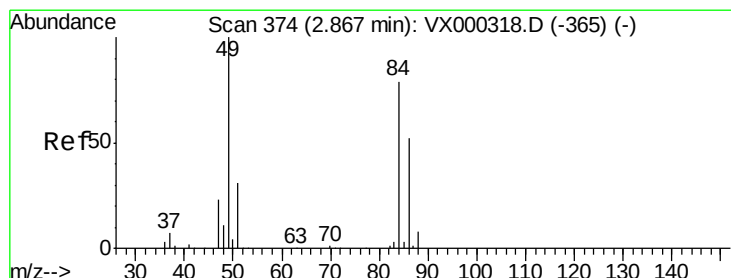
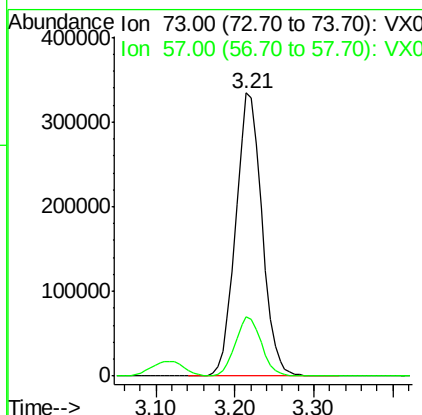
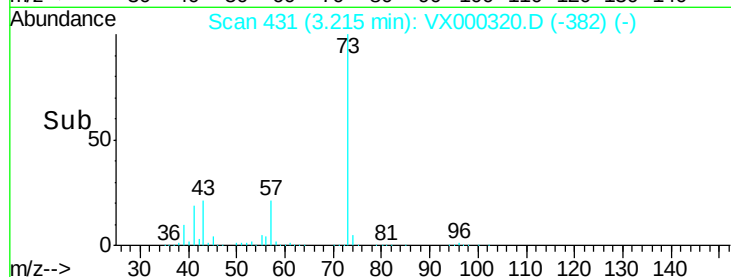
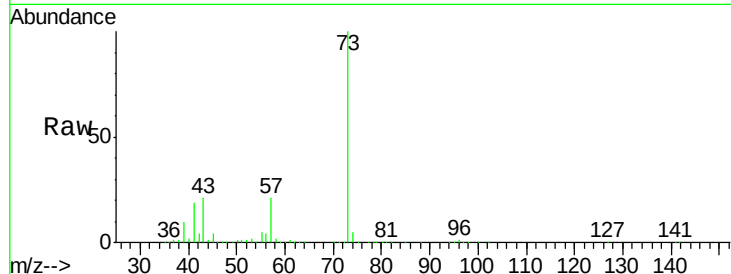
#19
Methyl tert-butyl Ether
Concen: 182.43 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 775260
Ion Ratio Lower Upper
73 100
57 21.0 17.2 25.8

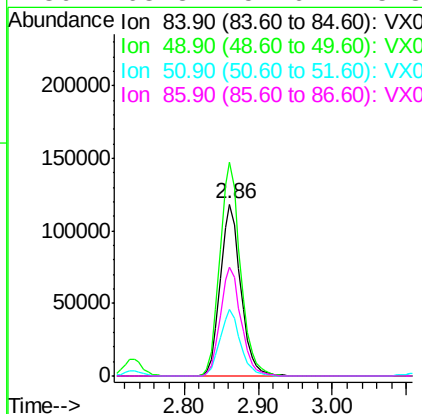
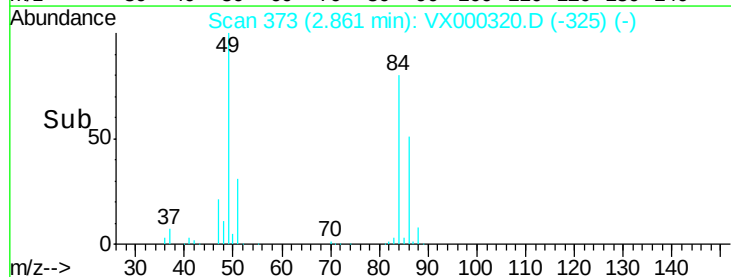
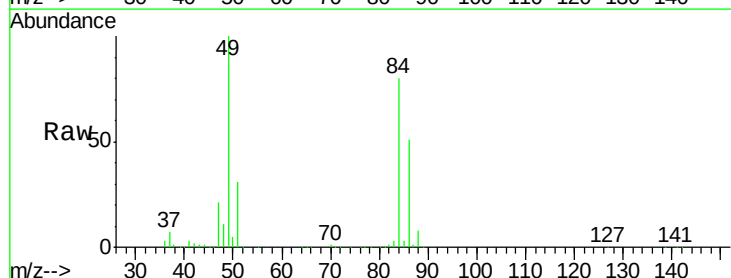
Manual Integrations
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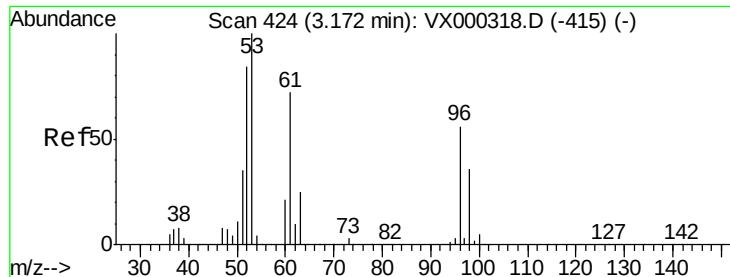
sam
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#20
Methylene Chloride
Concen: 165.90 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Tgt Ion: 84 Resp: 225775
Ion Ratio Lower Upper
84 100
49 124.3 100.6 151.0
51 38.6 31.6 47.4
86 63.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 180.25 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Instrument :

MSVOA_X

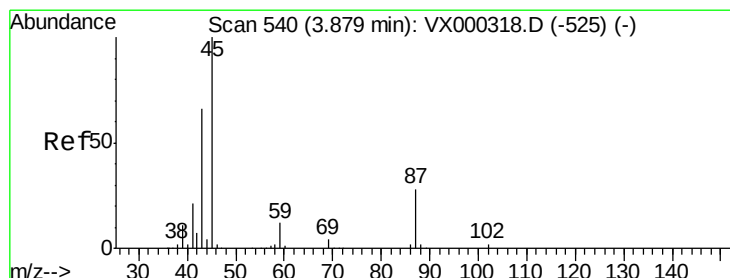
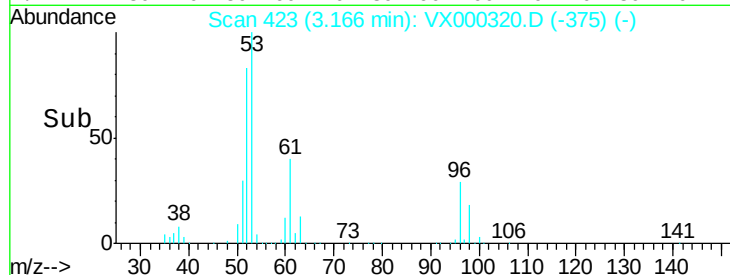
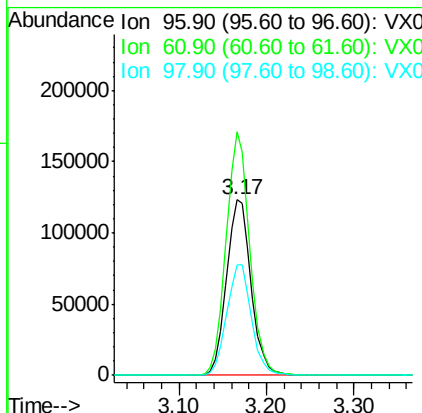
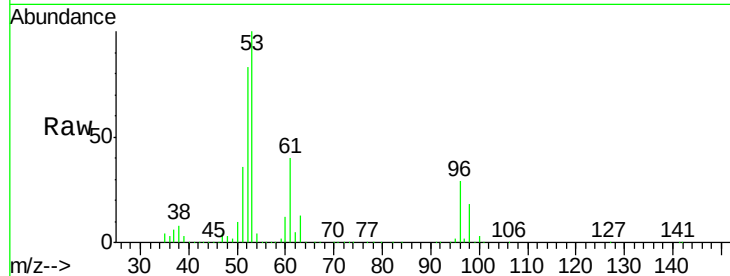
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	240392
Ion	Ratio	Lower	Upper
96	100		
61	138.5	104.0	156.0
98	63.1	52.1	78.1

Manual Integrations
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sam
3/15/2018 3:37:12 PM



#22

Diisopropyl ether

Concen: 166.01 ug/l

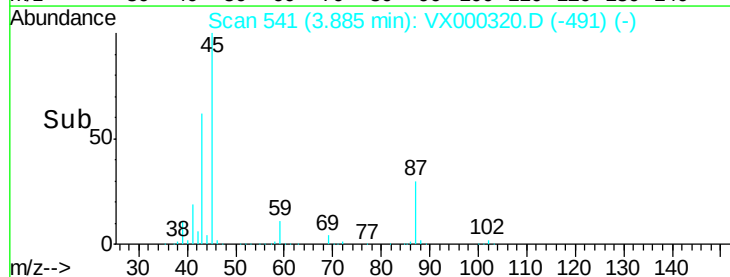
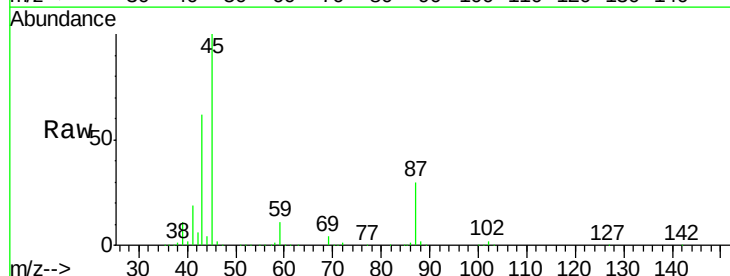
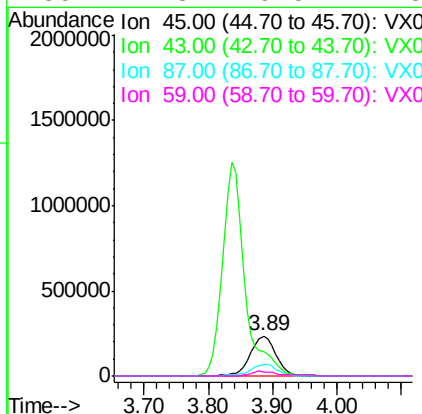
RT: 3.89 min Scan# 541

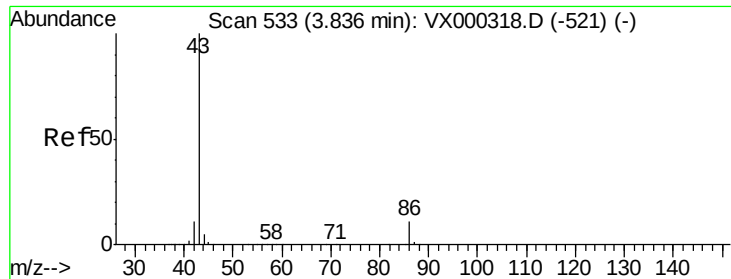
Delta R.T. 0.01 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Tgt Ion:	45	Resp:	640497
Ion	Ratio	Lower	Upper
45	100		
43	61.8	53.9	80.9
87	30.0	22.6	34.0
59	11.3	9.5	14.3





#23

Vinyl Acetate

Concen: 903.19 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 3092701

Ion Ratio Lower Upper

43 100

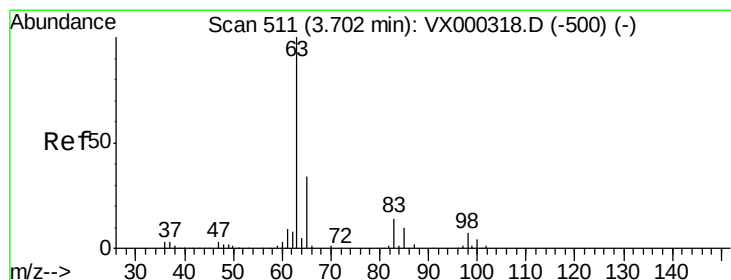
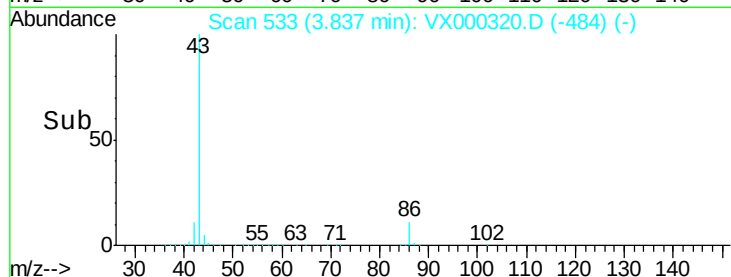
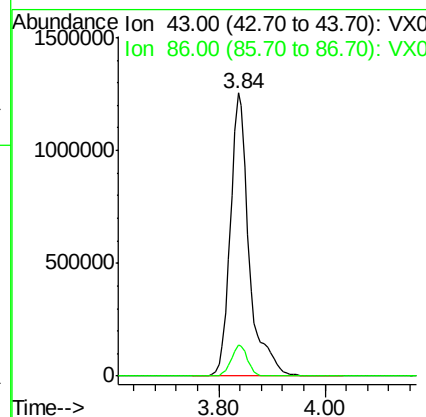
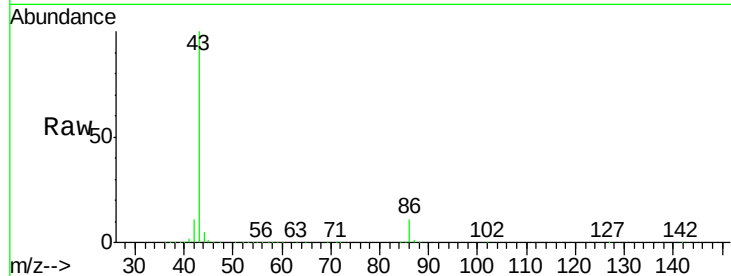
86 10.9 8.6 12.8

Manual Integrations

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sam

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#24

1,1-Dichloroethane

Concen: 166.61 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

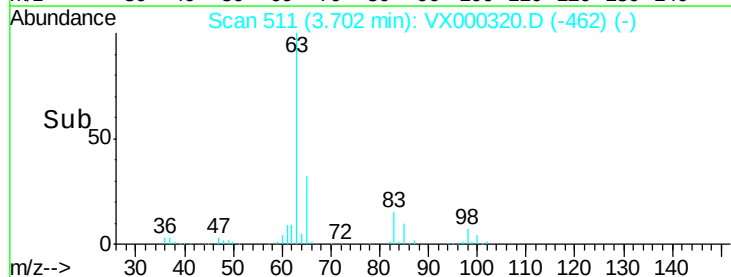
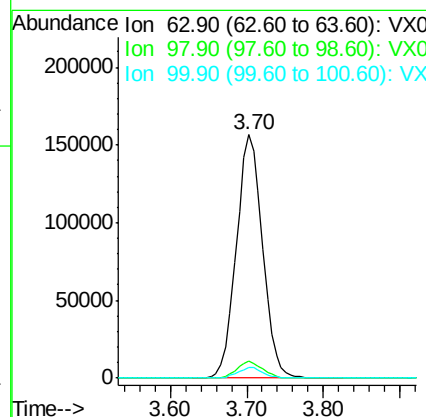
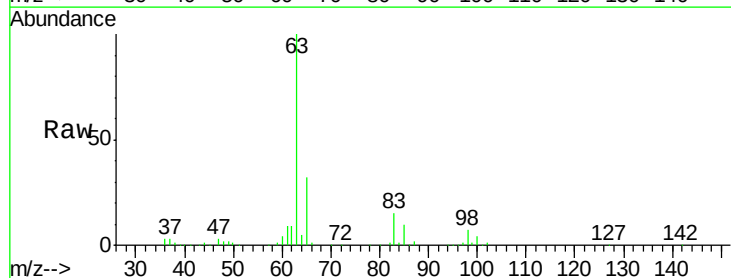
Tgt Ion: 63 Resp: 370697

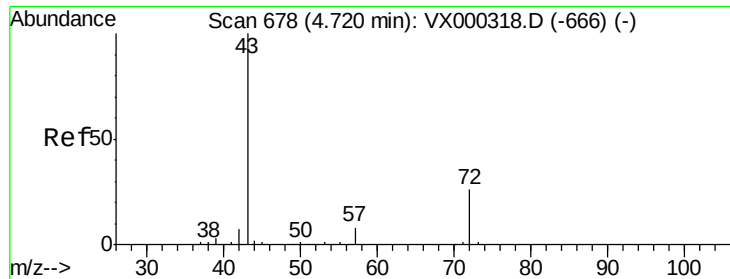
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.9

100 4.2 2.0 5.8





#25

2-Butanone

Concen: 742.68 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Tot Ion: 43 Resp: 1143437

Ion Ratio Lower Upper

43 100

72 26.7 21.0 31.6

Instrument :

MSVOA_X

ClientSampled :

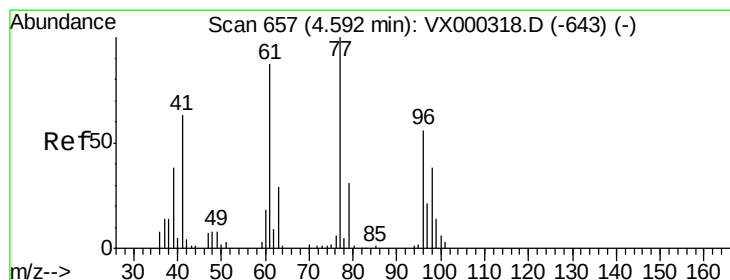
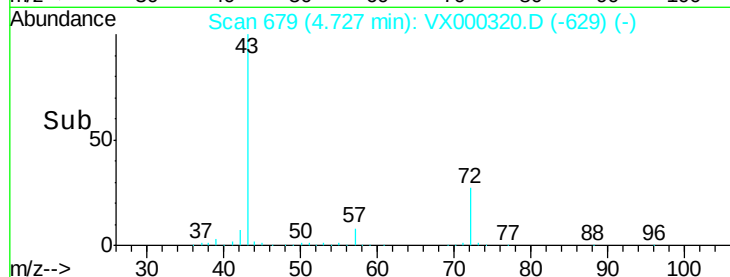
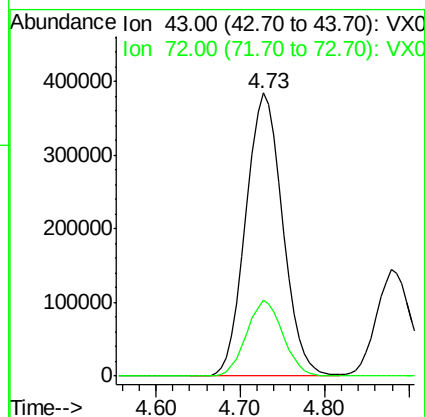
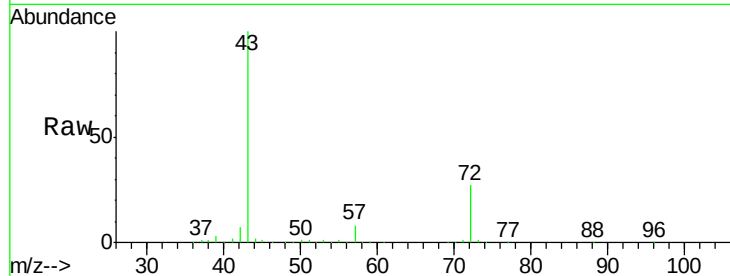
VSTDIC150

Manual Integrations

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sam

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#26

2,2-Dichloropropane

Concen: 149.55 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000320.D

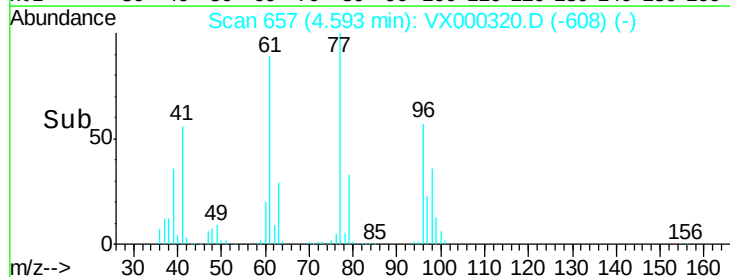
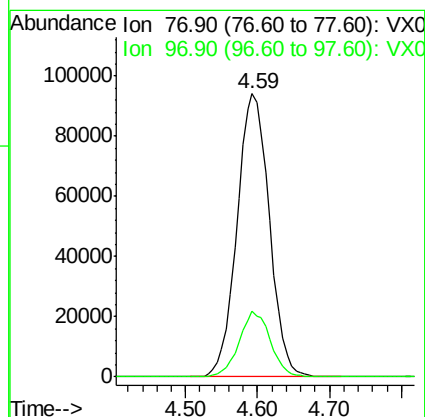
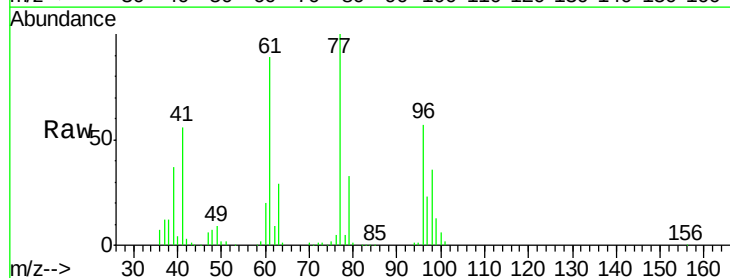
Acq: 14 Mar 2018 18:07

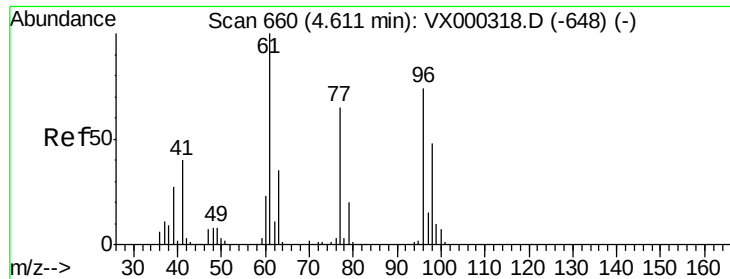
Tgt Ion: 77 Resp: 293311

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.8





#27

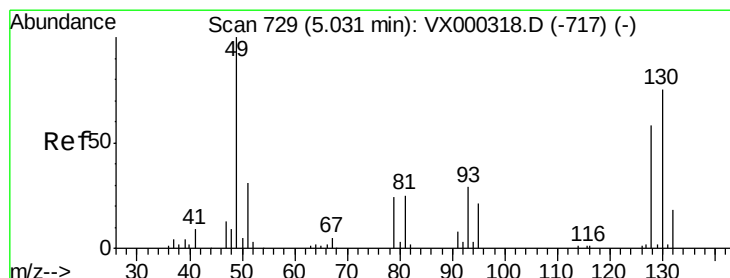
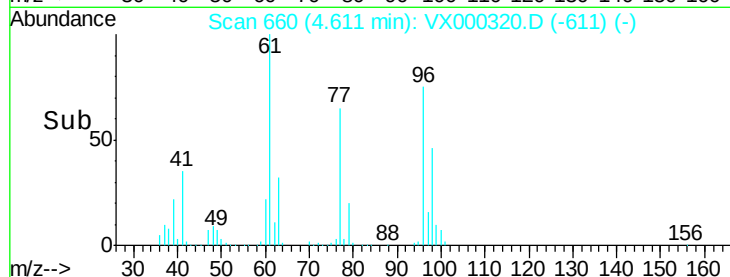
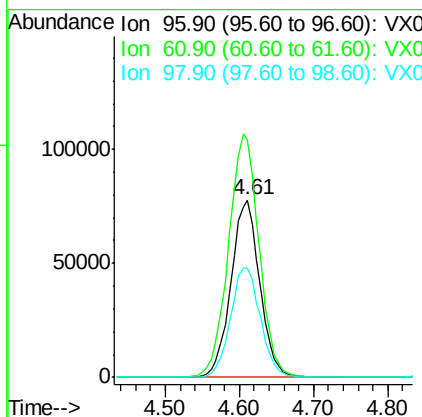
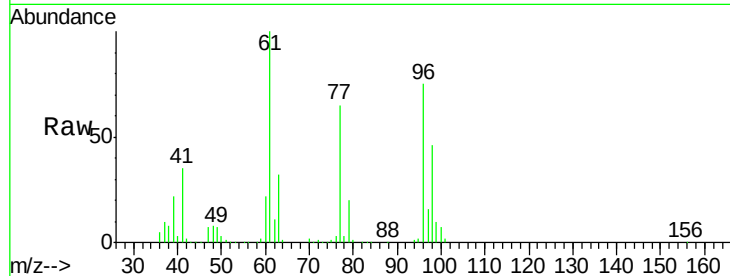
cis-1,2-Dichloroethene
Concen: 152.05 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.00 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	210359		
61	145.5	0.0	291.6	
98	64.2	0.0	132.0	

Manual Integrations
APPROVED

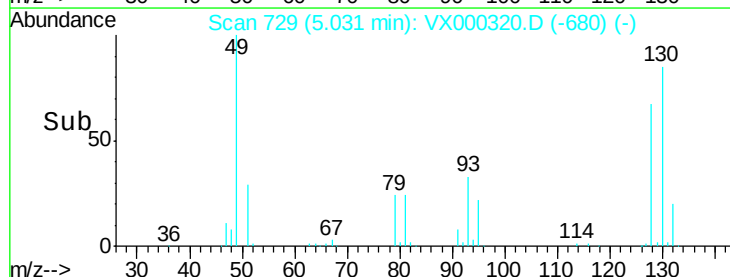
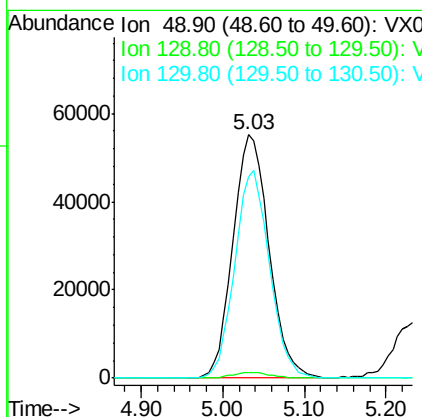
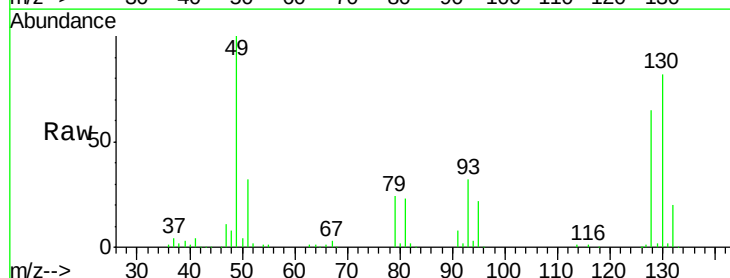
sam
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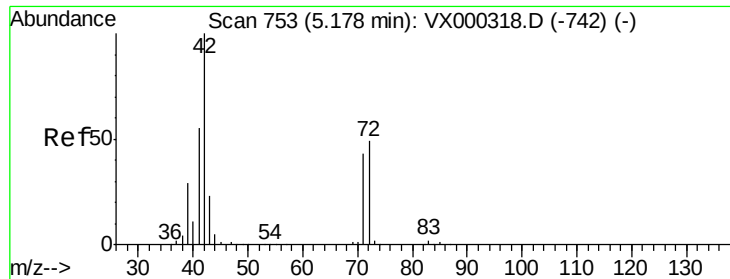


#28

Bromochloromethane
Concen: 161.45 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	169282		
129	2.4	0.0	5.0	
130	82.3	64.0	96.0	





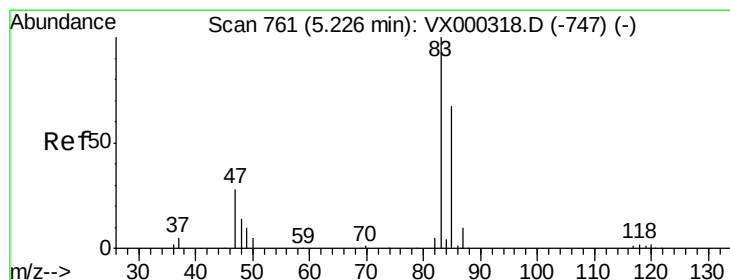
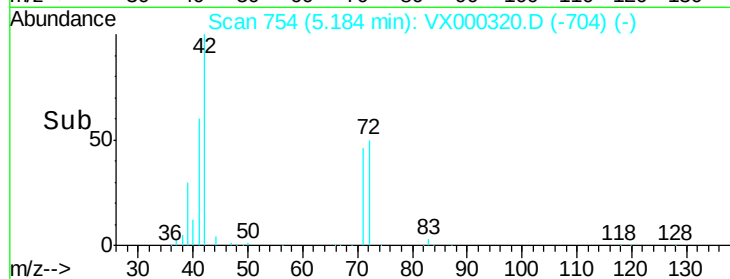
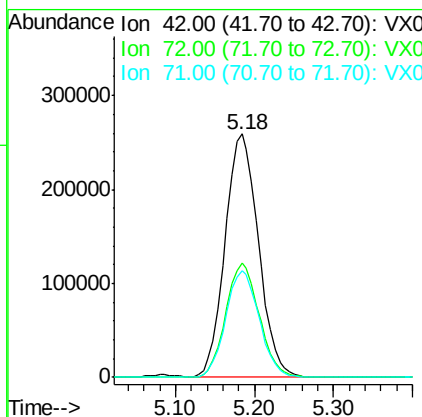
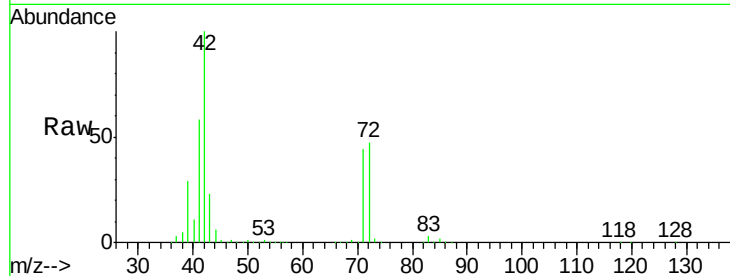
#29
Tetrahydrofuran
Concen: 805.64 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.2	37.9	56.9
71	44.1	34.4	51.6

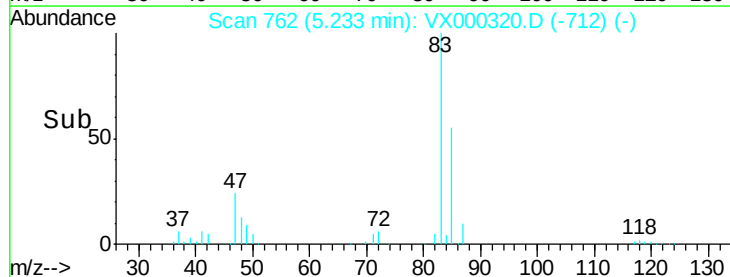
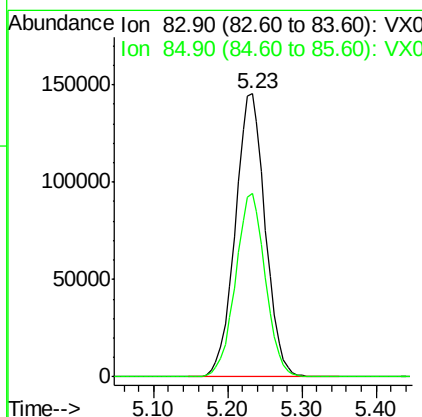
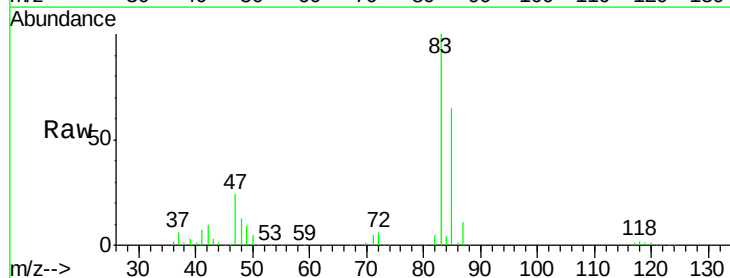
Manual Integrations
APPROVED

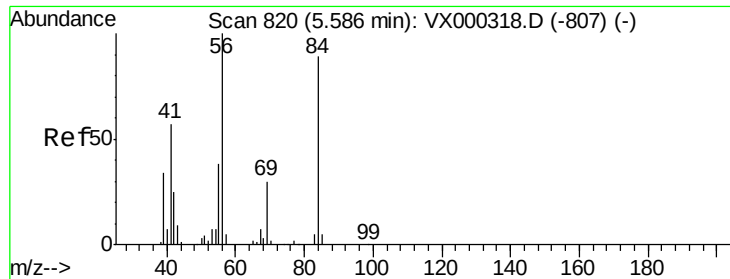
sam
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#30
Chloroform
Concen: 175.87 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	53.3	79.9





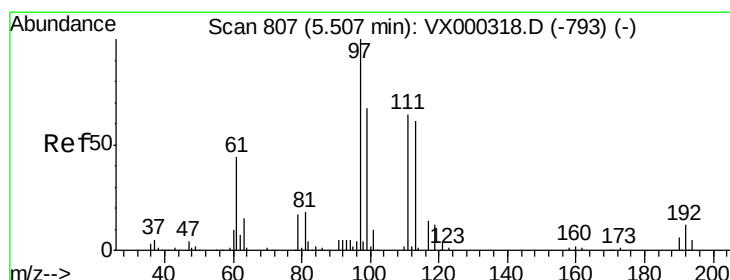
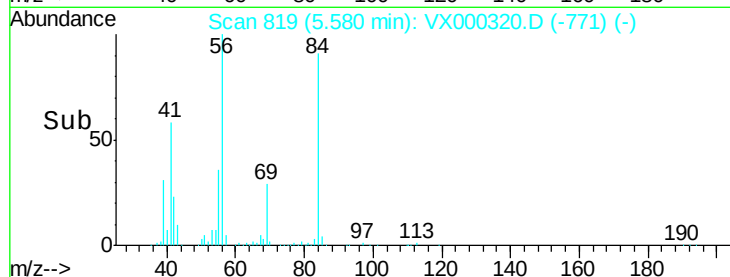
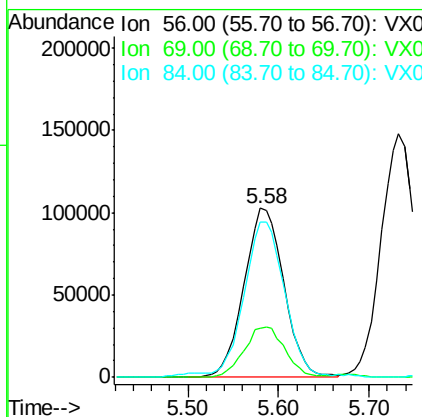
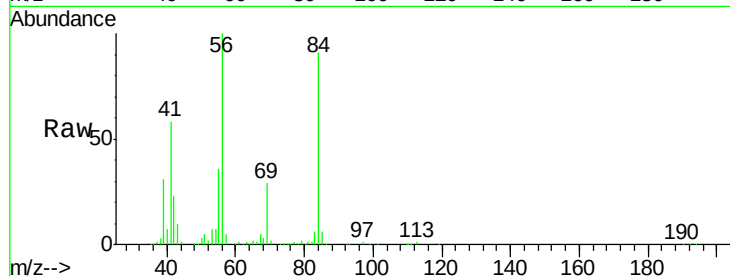
#31
Cyclohexane
Concen: 153.42 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.2	23.4	35.0
84	90.1	71.0	106.4

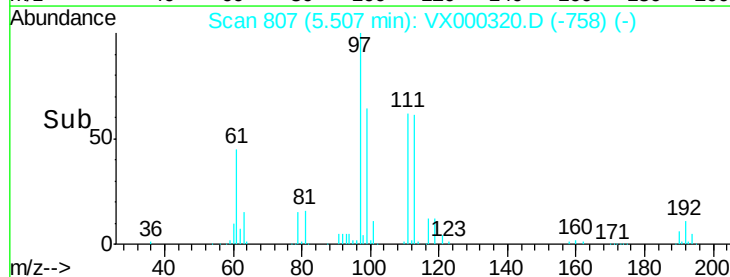
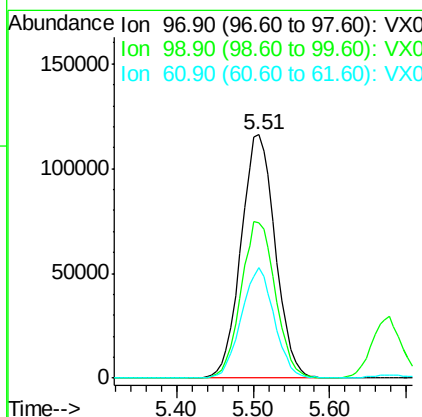
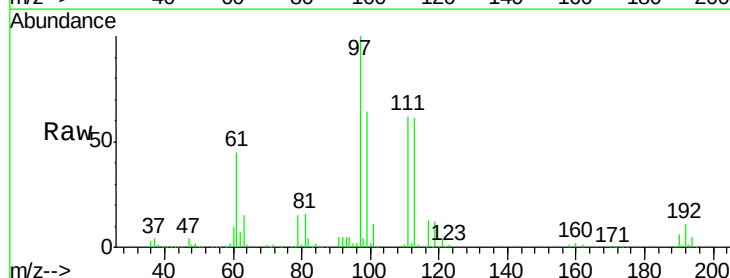
Manual Integrations
APPROVED

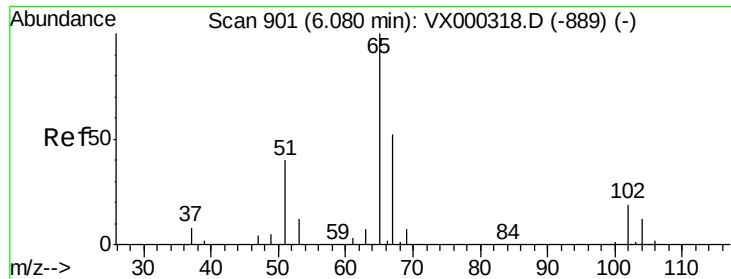
sam
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#32
1,1,1-Trichloroethane
Concen: 166.29 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.1	78.1
61	43.7	36.2	54.4





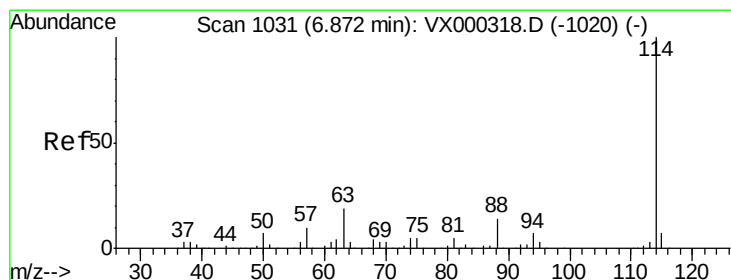
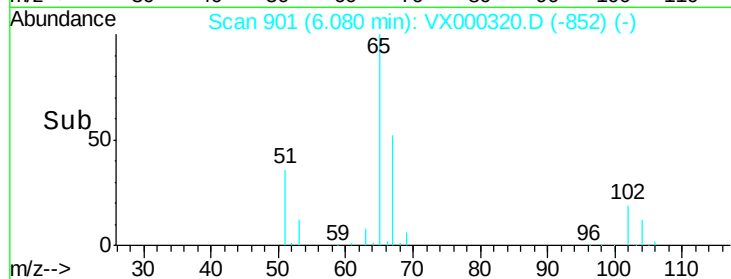
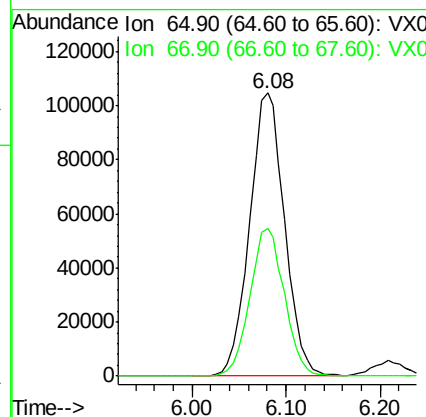
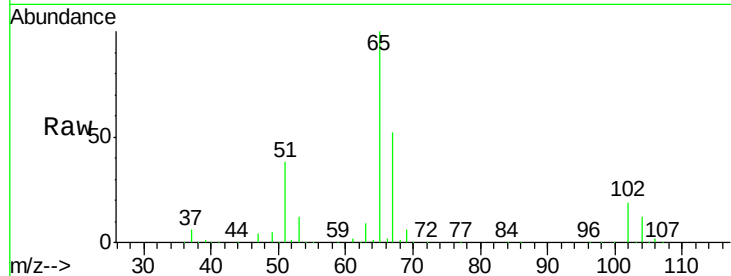
#33
 1,2-Dichloroethane-d4
 Concen: 177.98 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000320.D
 Acq: 14 Mar 2018 18:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100	272693		
67	51.3	0.0	103.2	

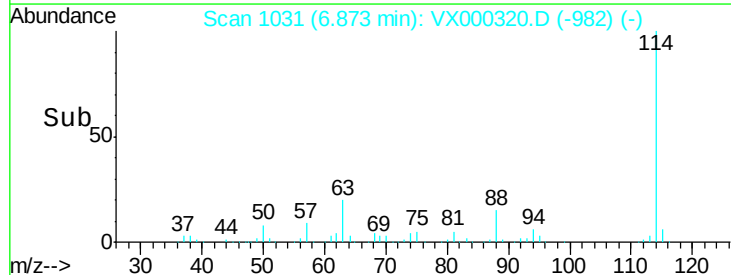
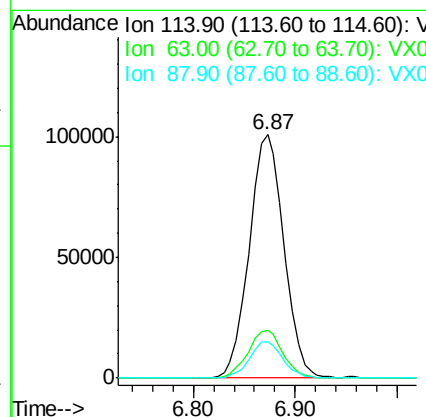
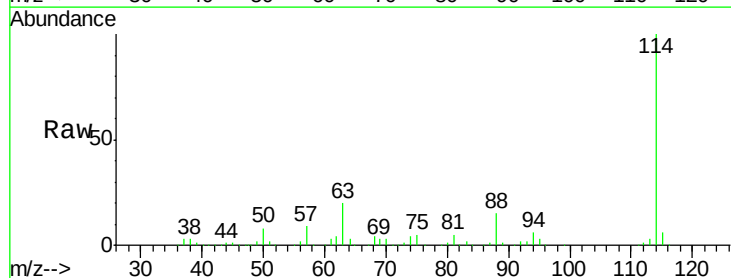
Manual Integrations
 APPROVED

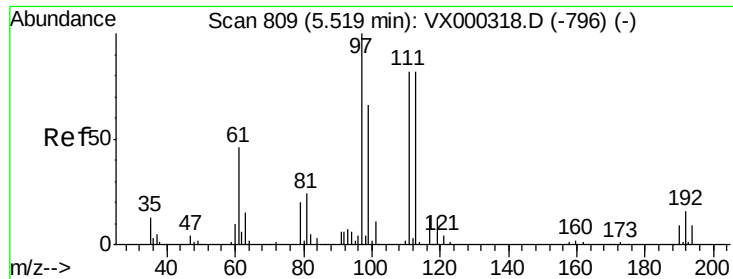
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000320.D
 Acq: 14 Mar 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	238147		
63	19.6	0.0	38.4	
88	15.0	0.0	27.0	





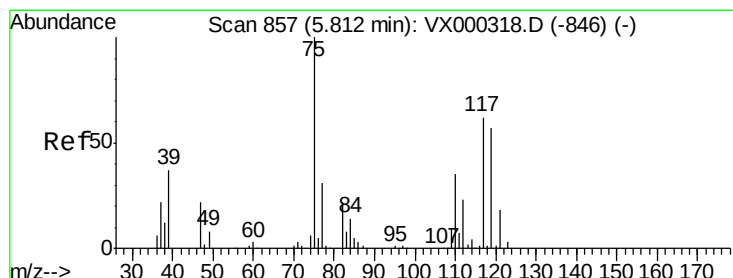
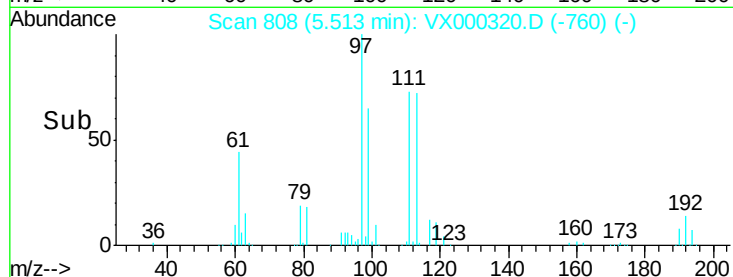
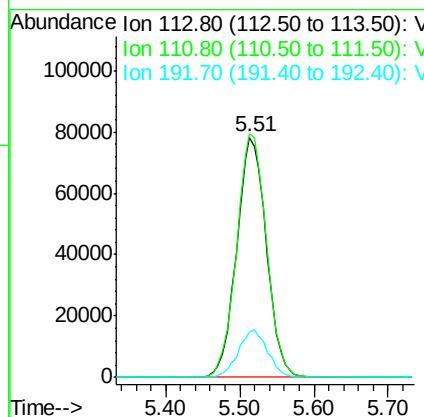
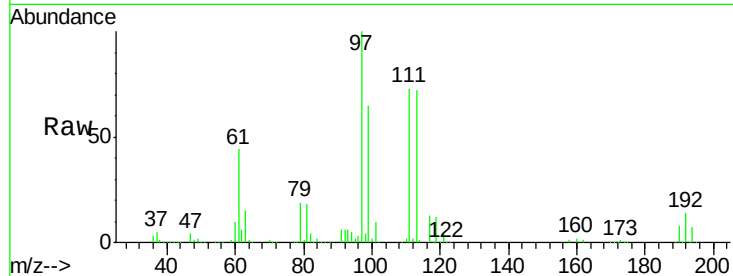
#35
Dibromofluoromethane
Concen: 144.79 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.01 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	218670		
111	101.8	82.4	123.6	
192	19.4	15.8	23.6	

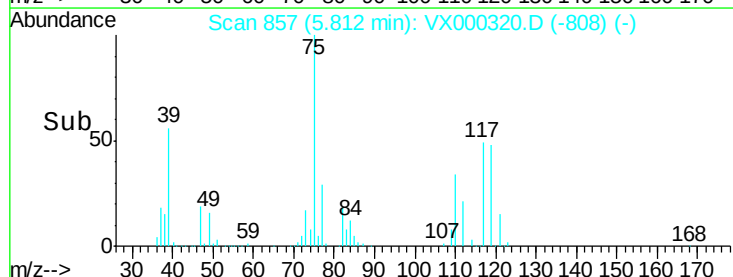
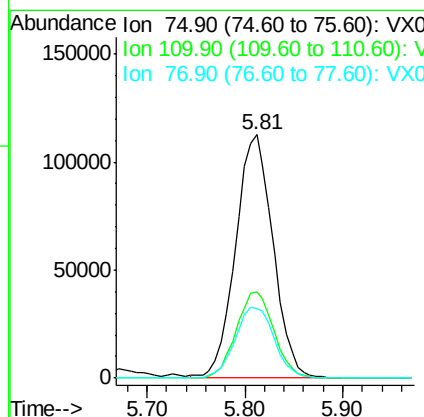
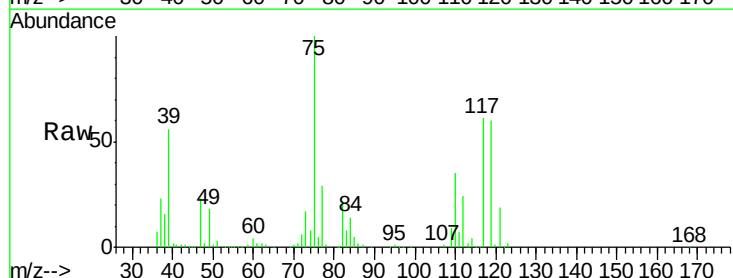
Manual Integrations
APPROVED

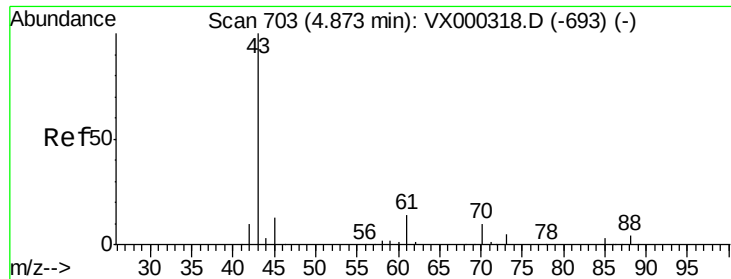
sam
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#36
1,1-Dichloropropene
Concen: 140.94 ug/l
RT: 5.81 min Scan# 857
Delta R.T. 0.00 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	297492		
110	35.9	17.9	53.7	
77	31.0	24.0	36.0	





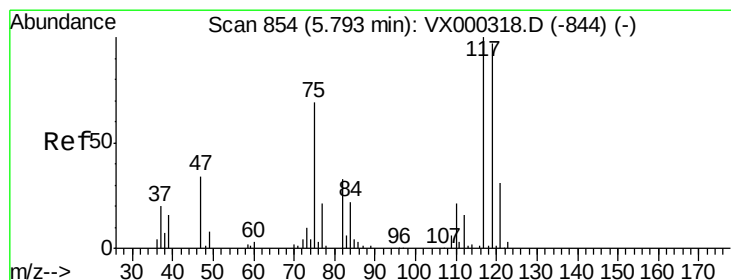
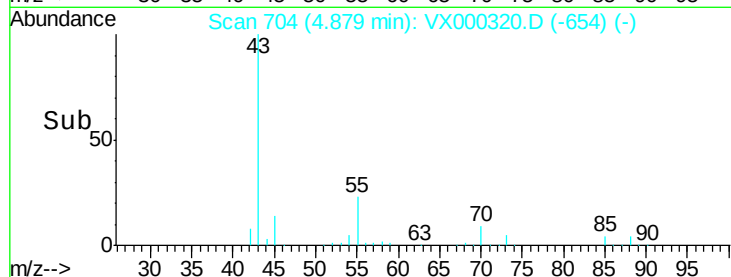
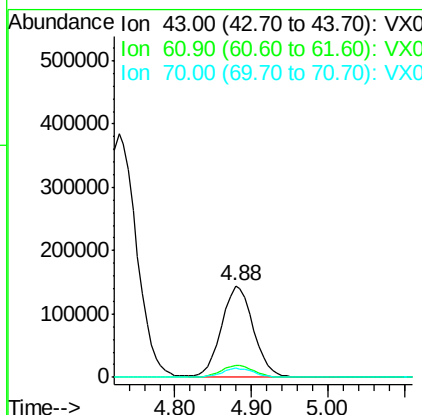
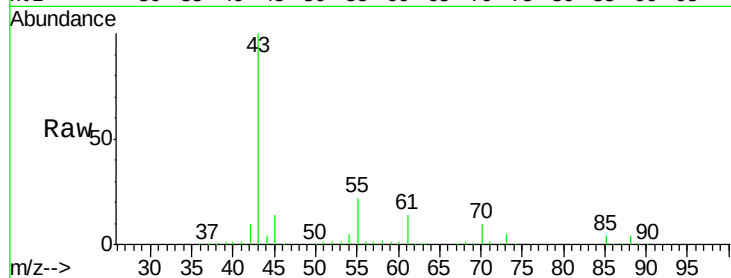
#37
Ethyl Acetate
Concen: 141.15 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	43	61	70
Ratio	100	13.6	9.9
Lower		11.1	7.7
Upper		16.7	11.5

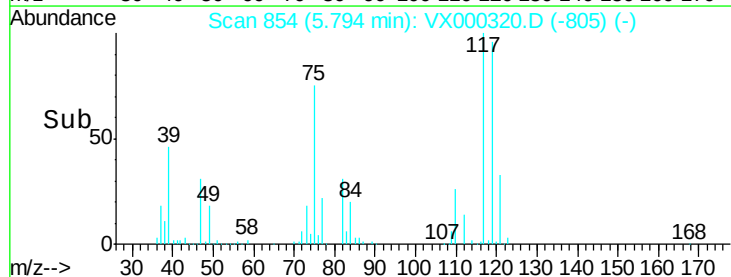
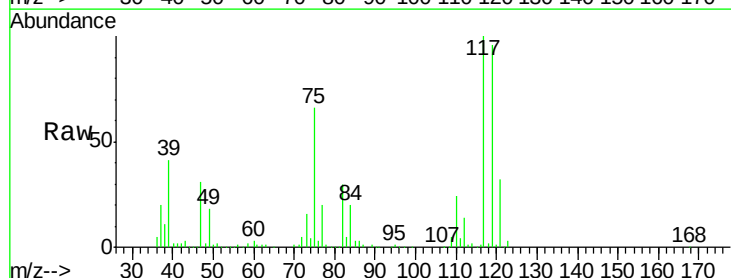
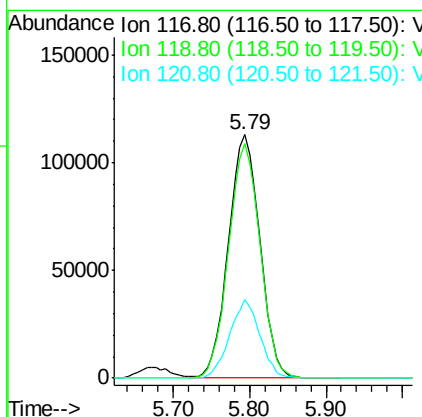
Manual Integrations
APPROVED

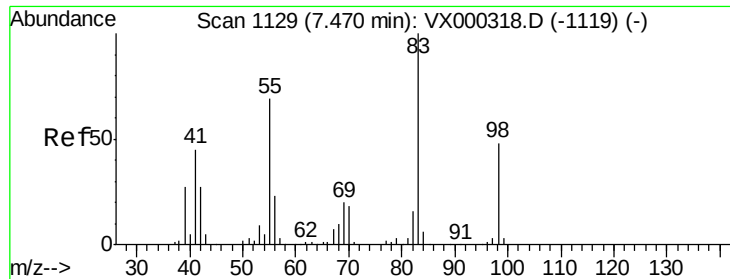
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#38
Carbon Tetrachloride
Concen: 140.27 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Tgt Ion	117	119	121
Ratio	100	96.2	32.2
Lower		77.4	24.8
Upper		116.2	37.2





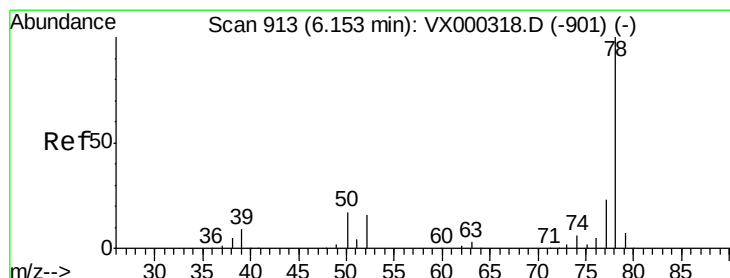
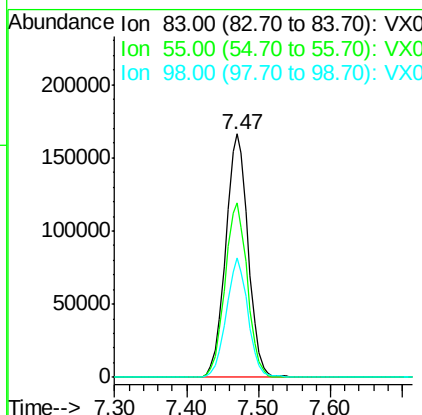
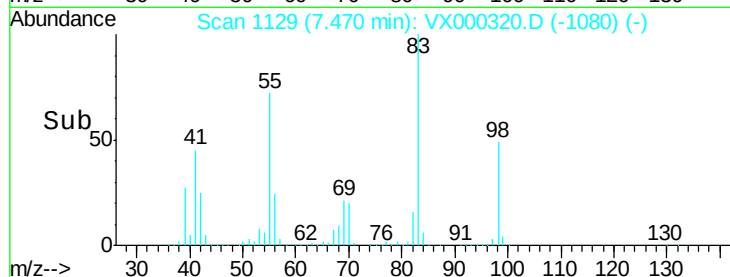
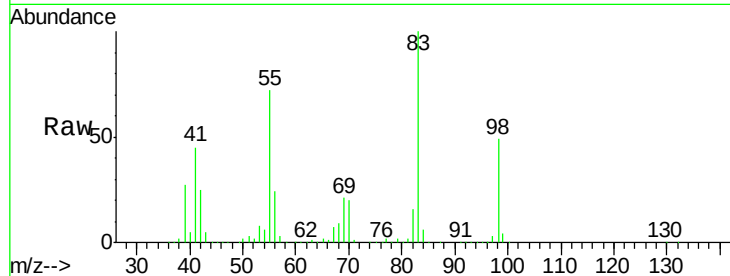
#39
Methylvlcyclohexane
Concen: 135.57 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.6	55.5	83.3
98	49.1	38.2	57.4

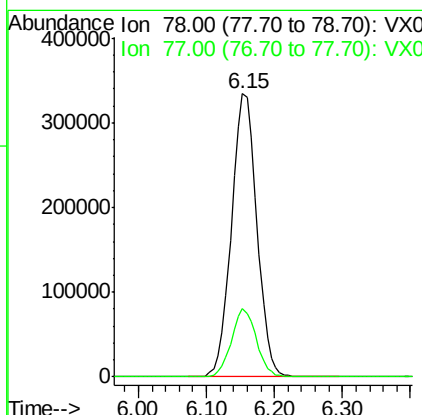
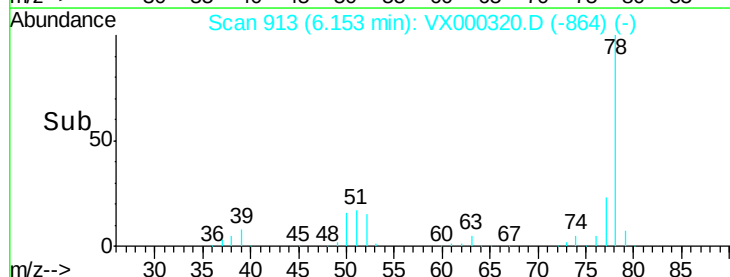
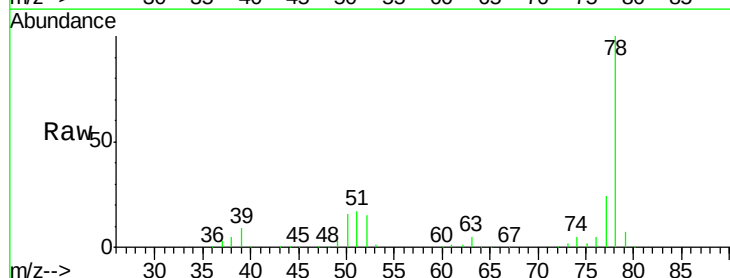
Manual Integrations
APPROVED

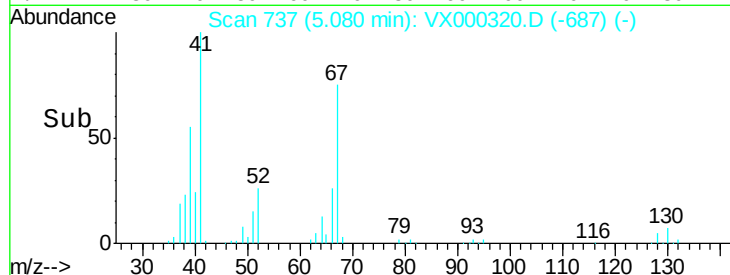
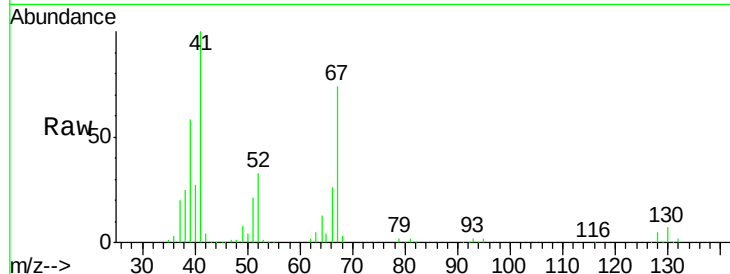
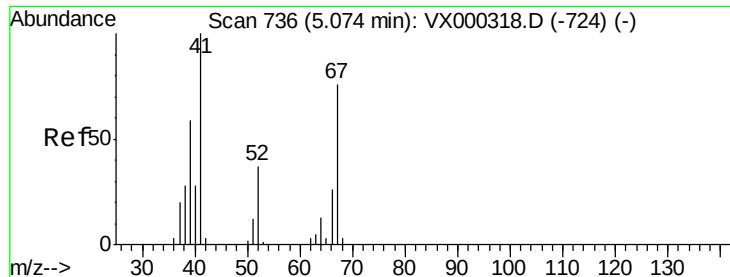
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#40
Benzene
Concen: 144.47 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.7	28.1





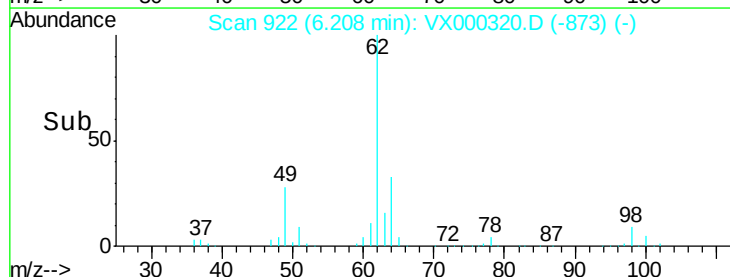
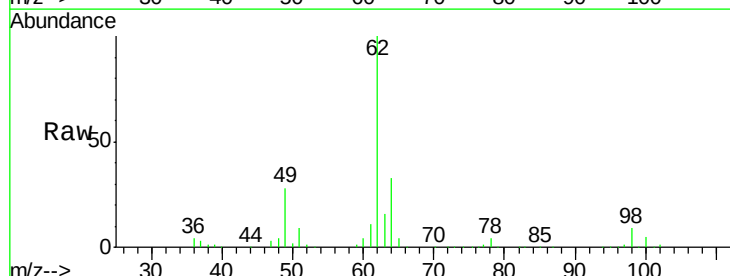
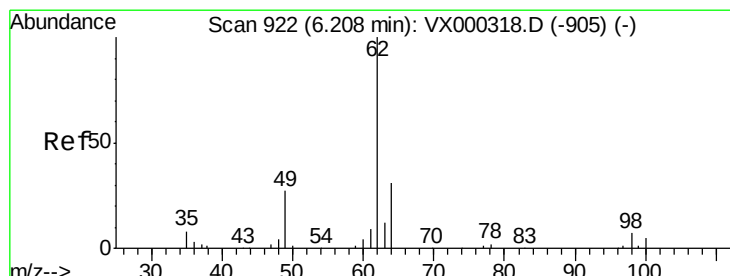
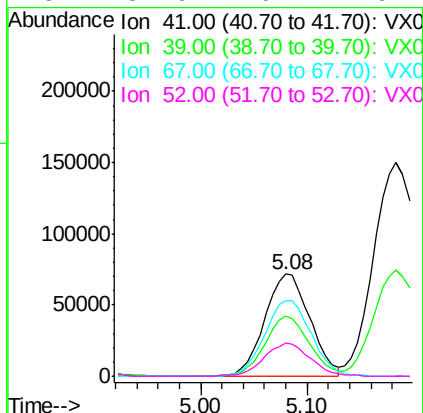
#41
Methacrylonitrile
Concen: 136.17 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.2	45.7	68.5	
67	76.7	57.8	86.8	
52	32.9	26.7	40.1	

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

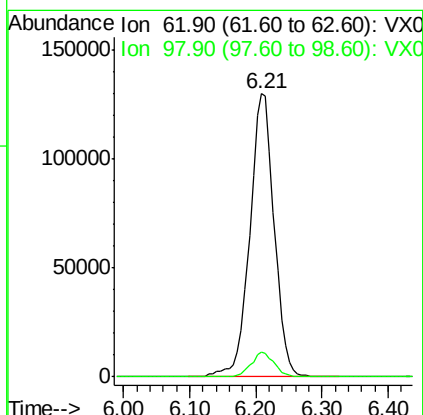
Manual Integrations
APPROVED

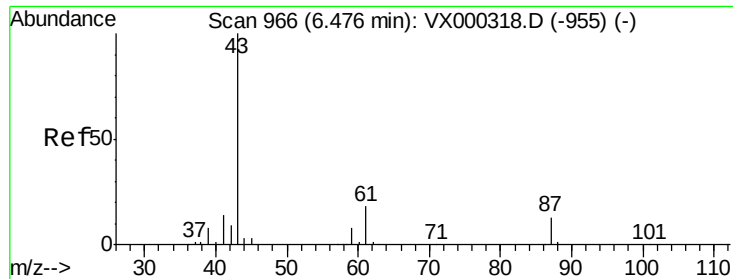
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#42
1,2-Dichloroethane
Concen: 153.68 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

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





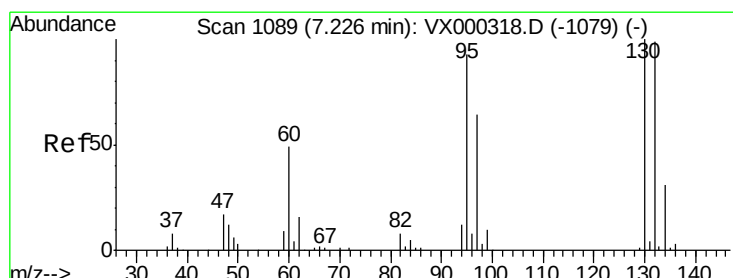
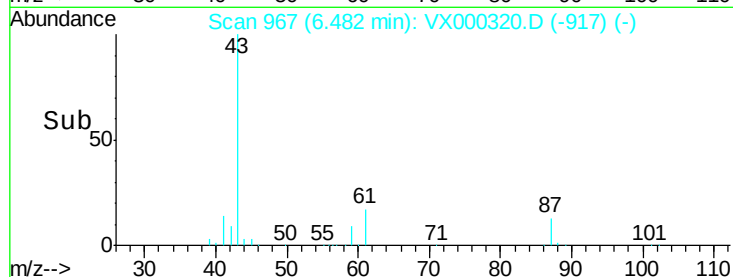
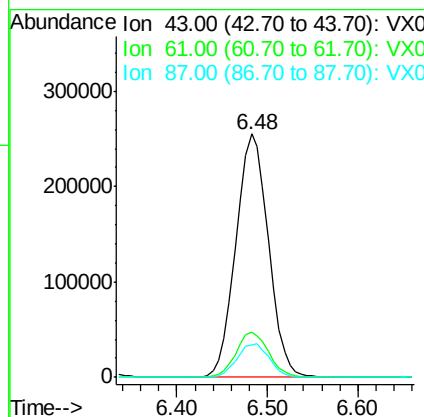
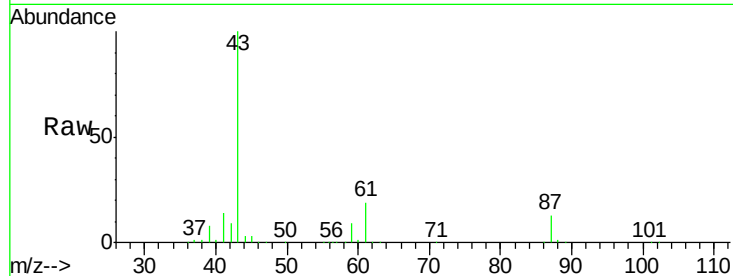
#43
Isopropyl Acetate
Concen: 145.23 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.4	21.6
87	14.0	11.0	16.4

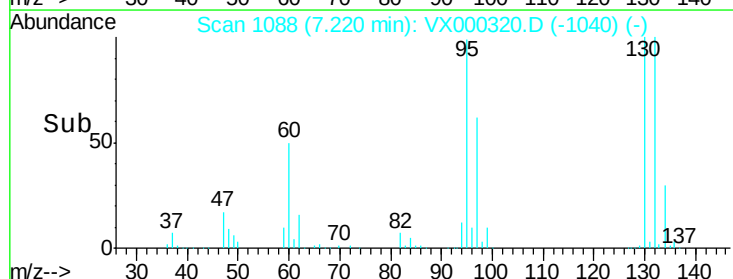
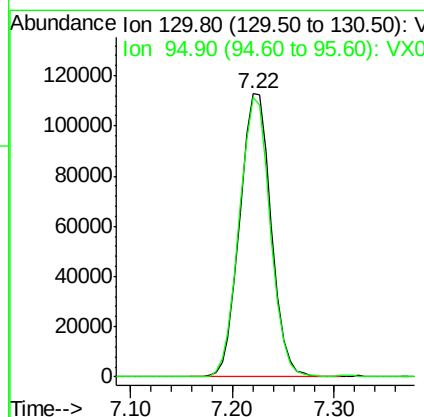
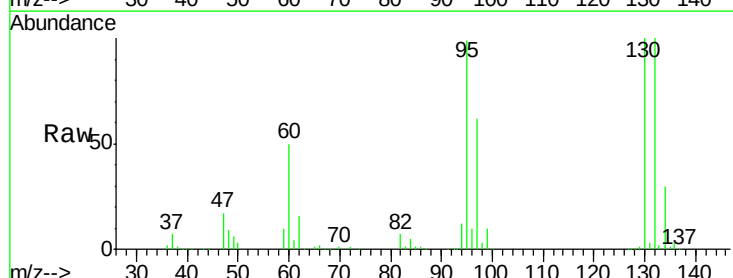
Manual Integrations
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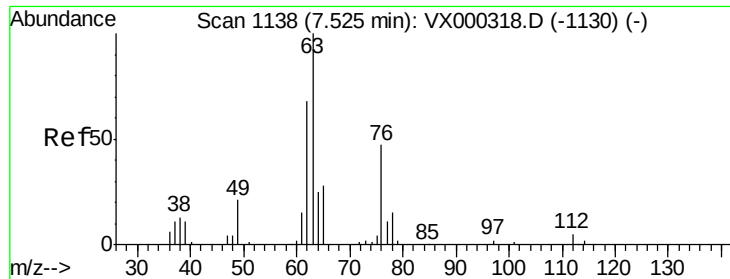
sam
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#44
Trichloroethene
Concen: 127.27 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	186.0





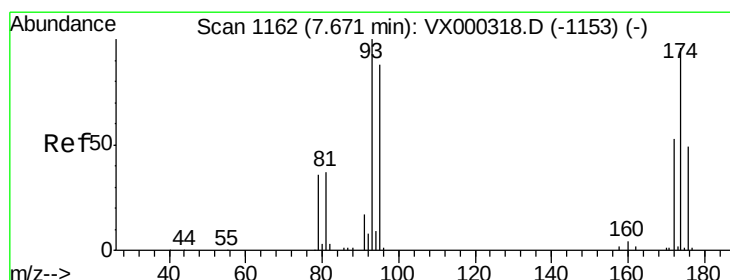
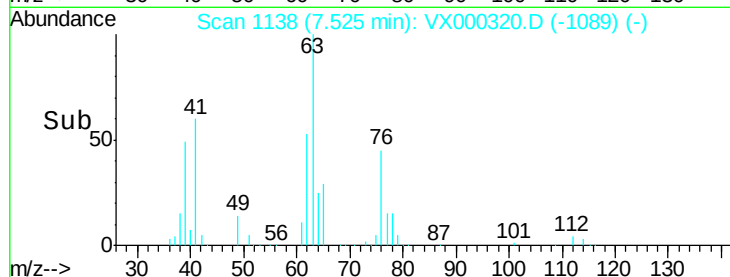
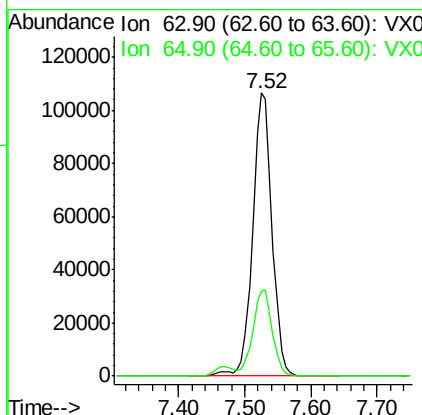
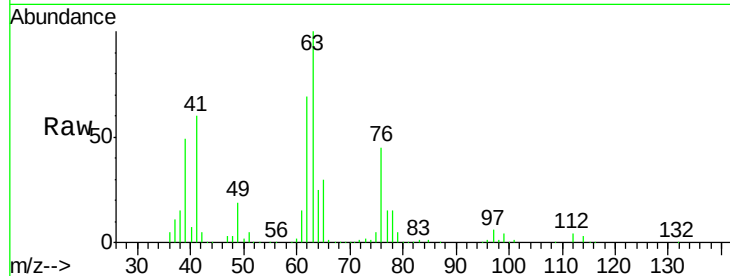
#45
 1,2-Dichloropropane
 Concen: 141.28 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000320.D
 Acq: 14 Mar 2018 18:07

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion: 63 Resp: 217722
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.6 36.8

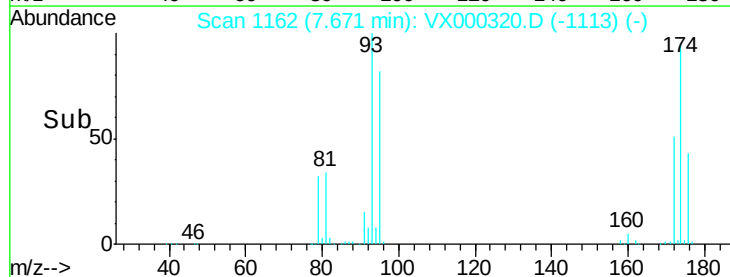
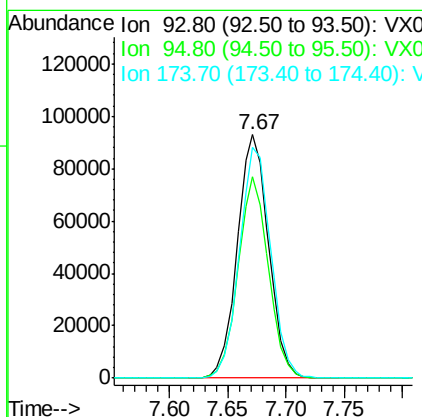
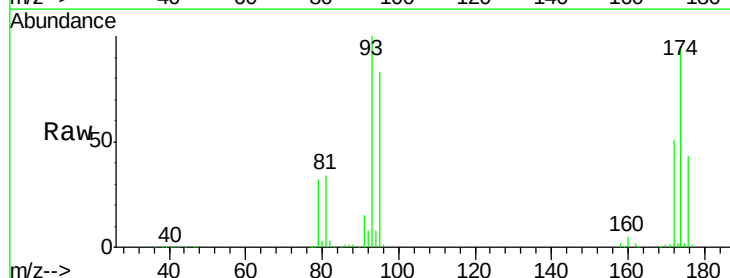
Manual Integrations
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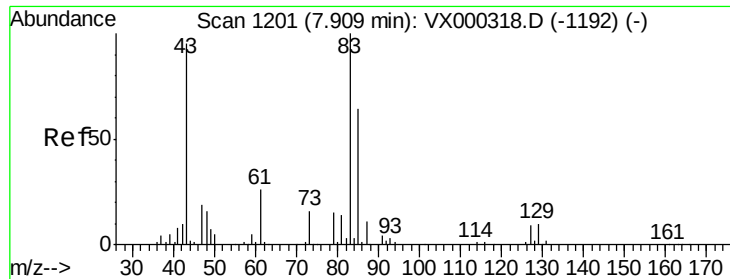
sam
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#46
 Dibromomethane
 Concen: 150.95 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000320.D
 Acq: 14 Mar 2018 18:07

Tgt Ion: 93 Resp: 173518
 Ion Ratio Lower Upper
 93 100
 95 80.5 66.5 99.7
 174 95.4 76.0 114.0





#47

Bromodichloromethane

Concen: 152.77 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Instrument :

MSVOA_X

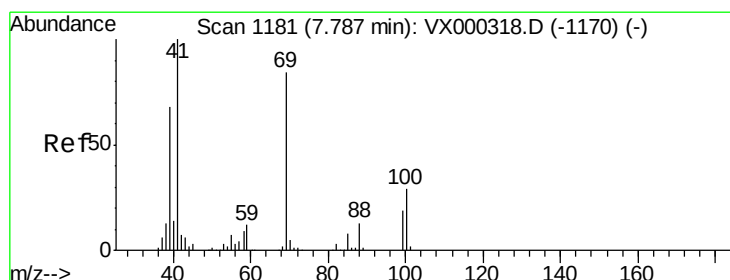
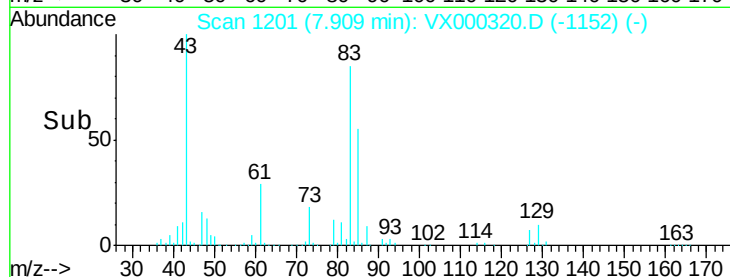
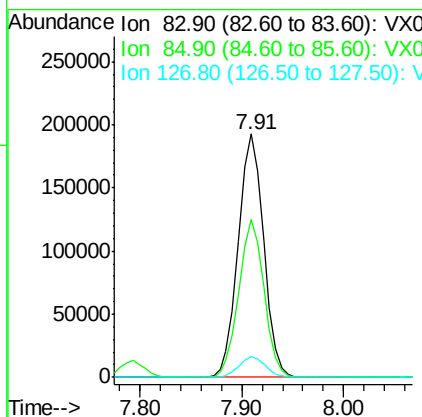
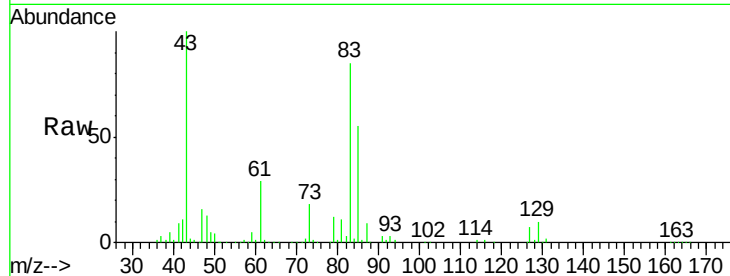
ClientSampled :

VSTDIC150

Tot Ion:	83	Resp:	332405
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.4	77.0
127	8.7	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 146.14 ug/l

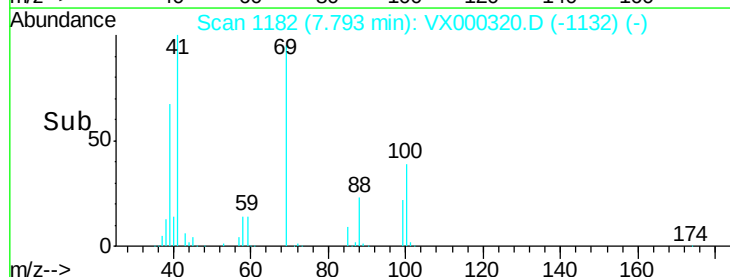
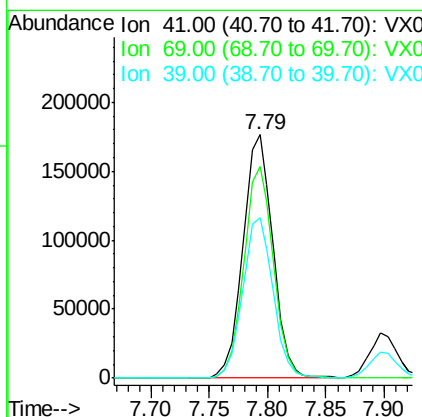
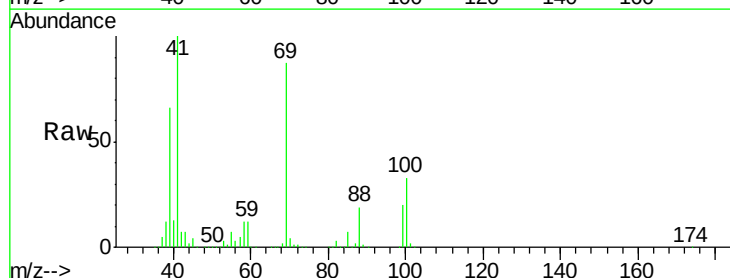
RT: 7.79 min Scan# 1182

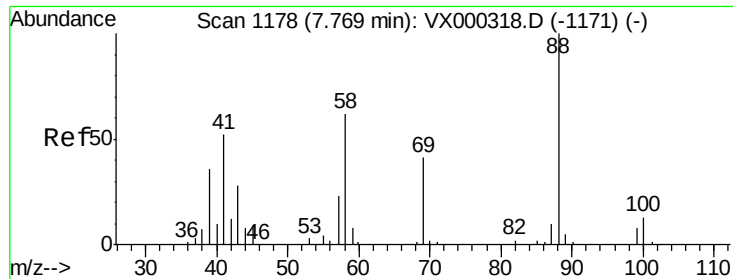
Delta R.T. 0.01 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Tgt Ion:	41	Resp:	315829
Ion Ratio	Lower	Upper	
41	100		
69	86.2	68.2	102.4
39	66.6	54.6	81.8





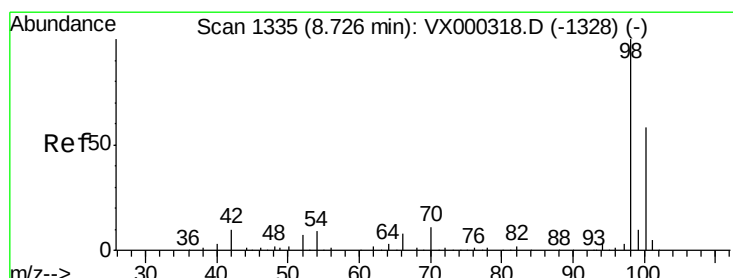
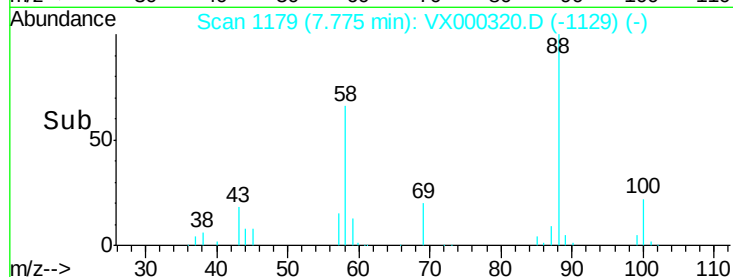
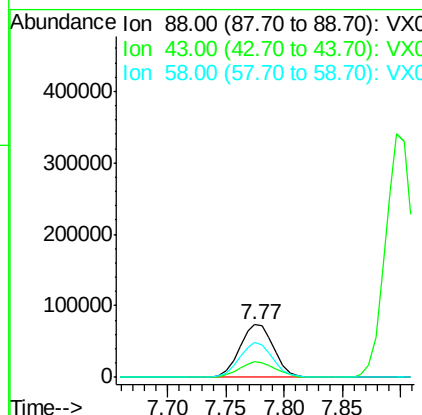
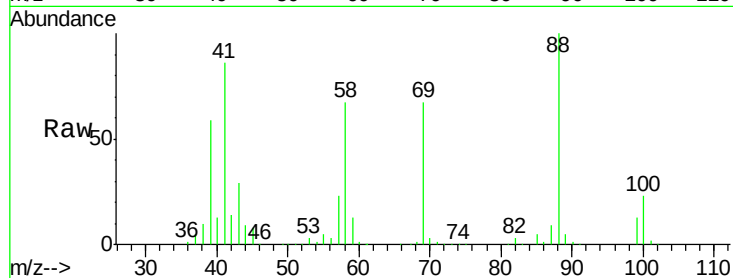
#49
1,4-Dioxane
Concen: 2775.26 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.3	26.8	40.2
58	64.2	52.2	78.2

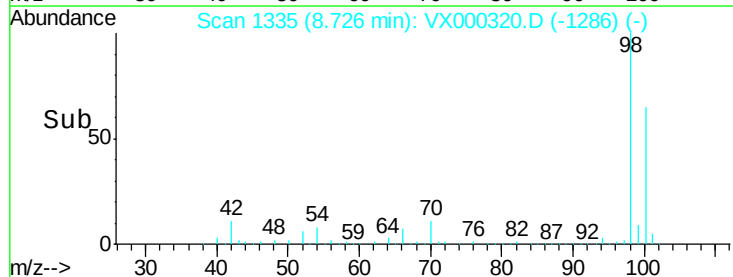
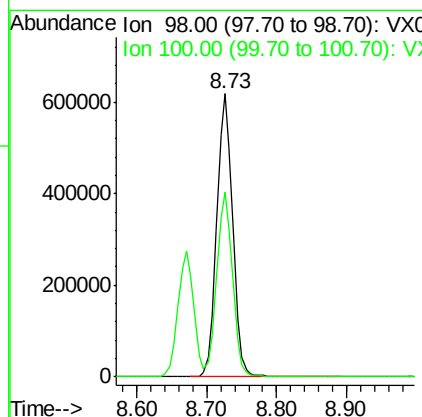
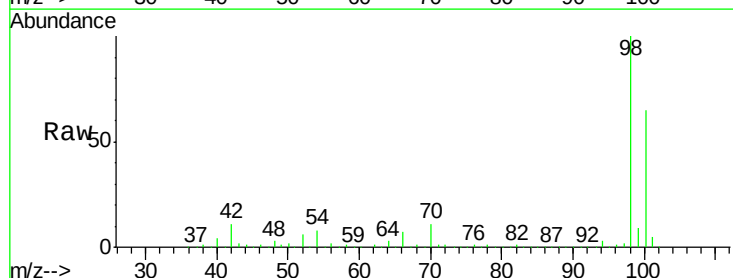
Manual Integrations
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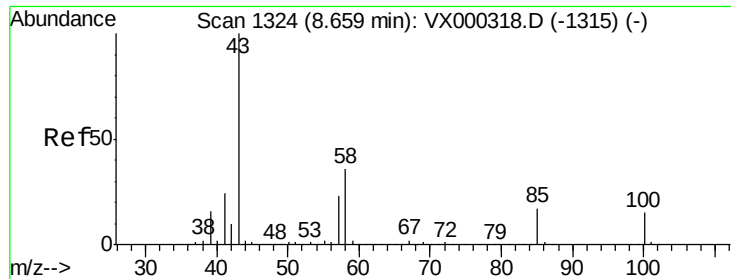
sam
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#50
Toluene-d8
Concen: 167.93 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 828.16 ug/l

RT: 8.67 min Scan# 1326

Delta R.T. 0.01 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2566146

Ion Ratio Lower Upper

43 100

58 39.0

30.3

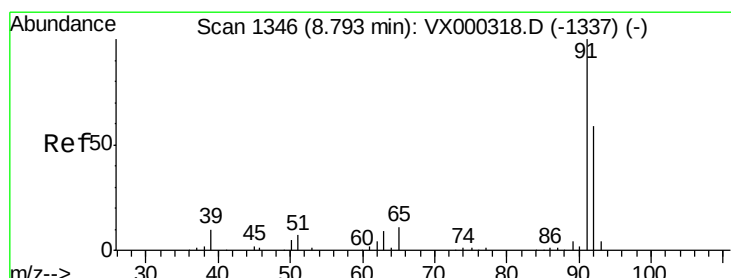
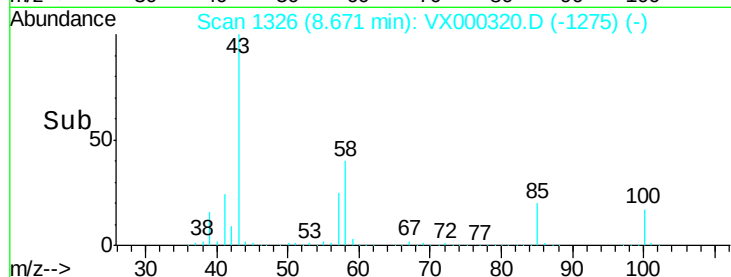
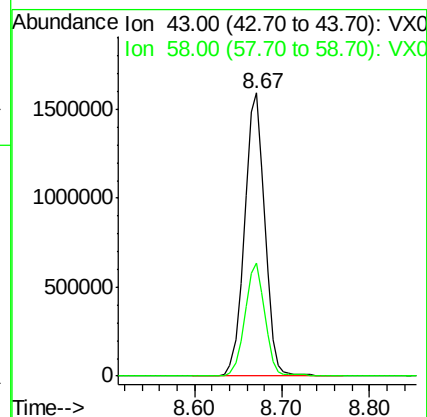
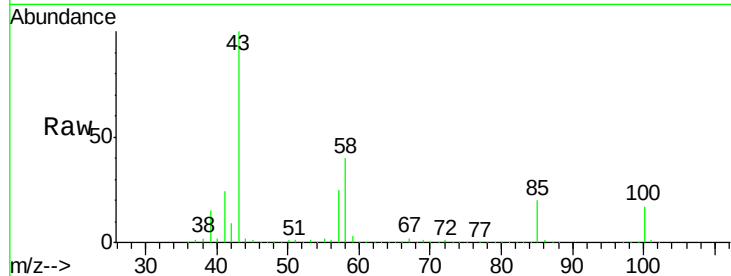
45.5

Manual Integrations

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sam

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#52

Toluene

Concen: 163.13 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Tgt Ion: 92 Resp: 653867

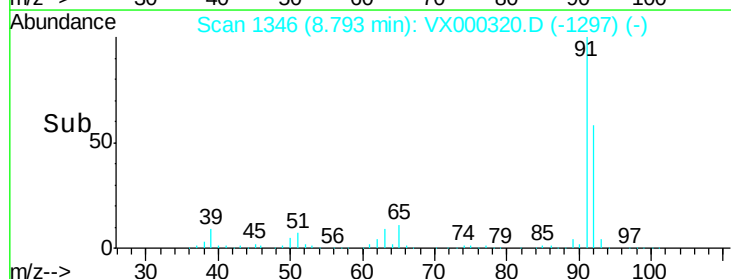
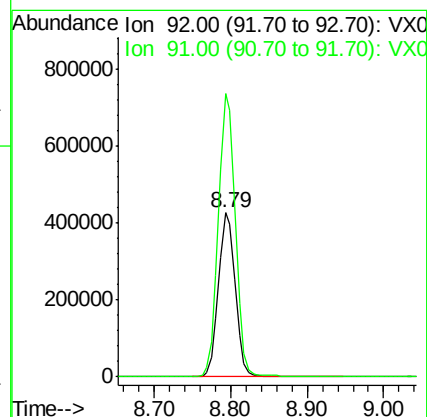
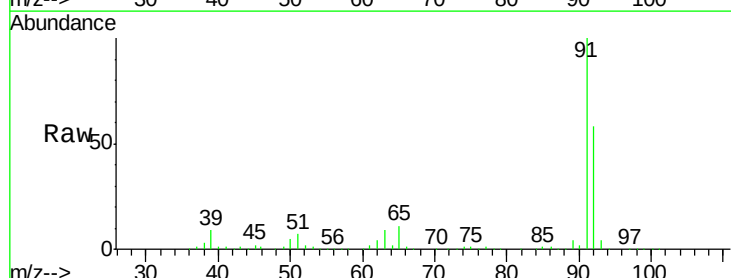
Ion Ratio Lower Upper

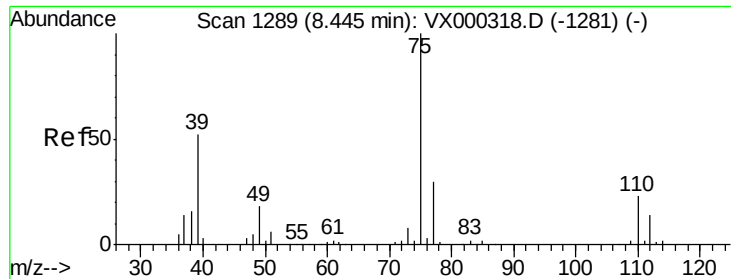
92 100

91 173.8

140.2

210.2





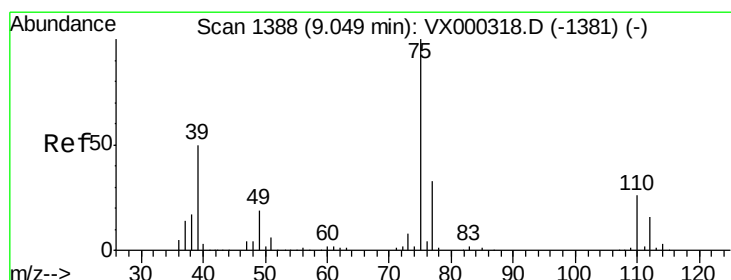
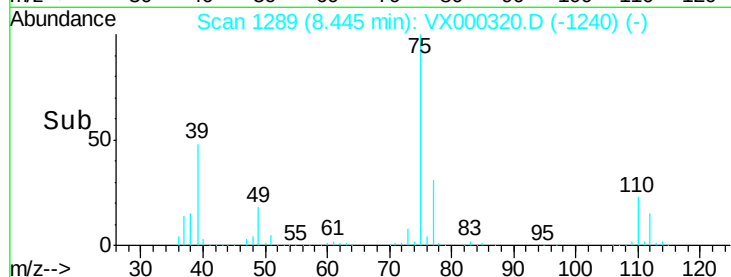
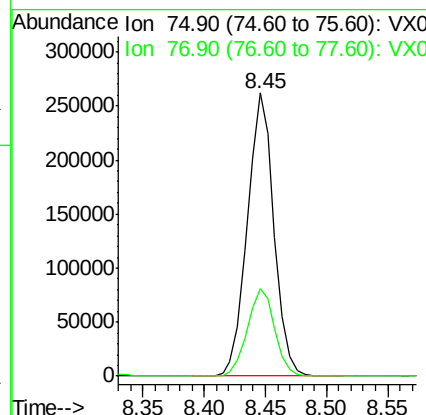
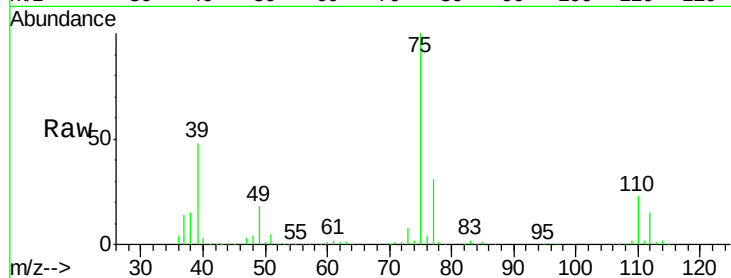
#53
 t-1,3-Dichloropropene
 Concen: 151.46 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000320.D
 Acq: 14 Mar 2018 18:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 75 Resp: 393426
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.0 36.0

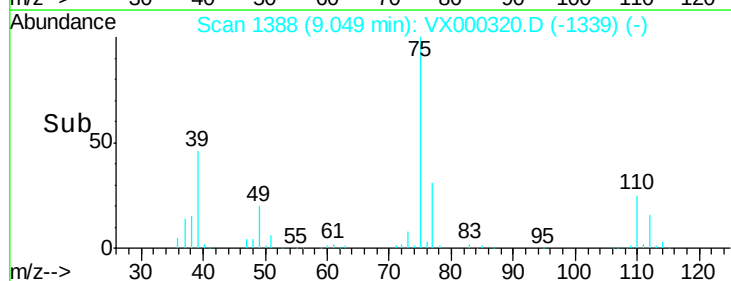
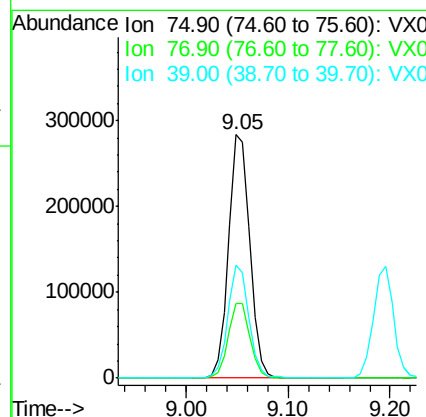
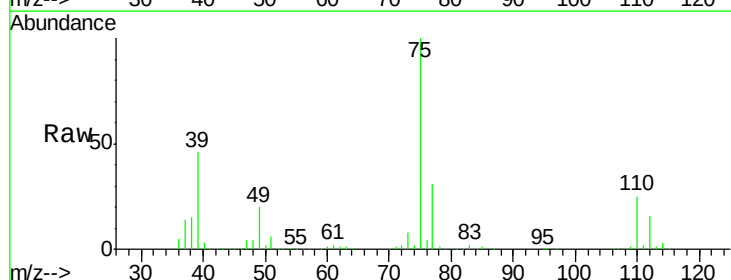
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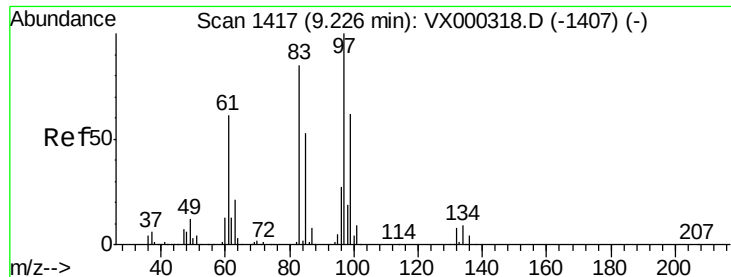
sam
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#54
 cis-1,3-Dichloropropene
 Concen: 160.49 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000320.D
 Acq: 14 Mar 2018 18:07

Tgt Ion: 75 Resp: 408277
 Ion Ratio Lower Upper
 75 100
 77 30.7 26.1 39.1
 39 46.4 39.8 59.6





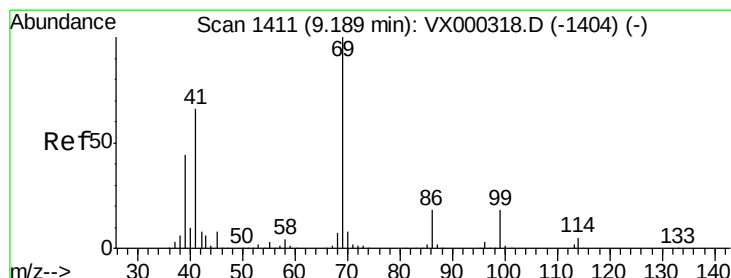
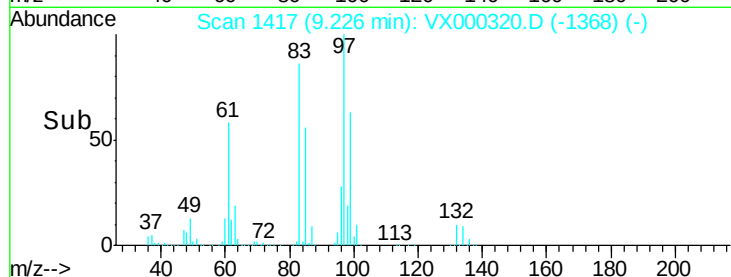
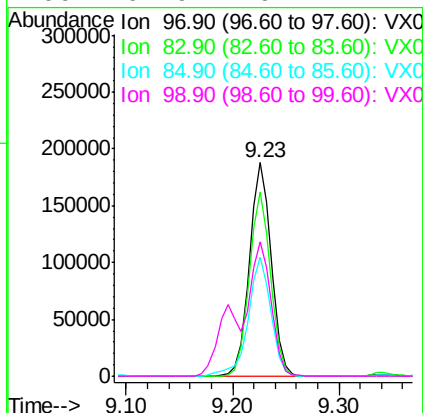
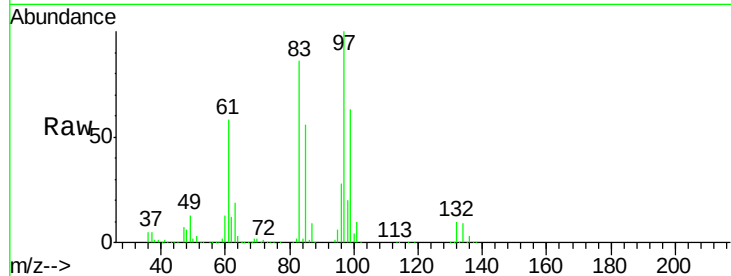
#55
 1,1,2-Trichloroethane
 Concen: 162.63 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000320.D
 Acq: 14 Mar 2018 18:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	97	Resp	270028
Ion	Ratio	Lower	Upper
97	100		
83	86.2	67.9	101.9
85	56.0	42.8	64.2
99	62.9	49.4	74.2

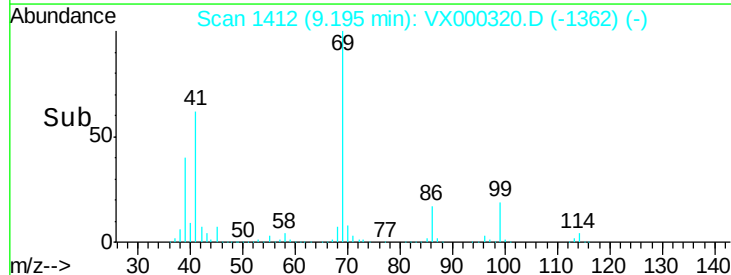
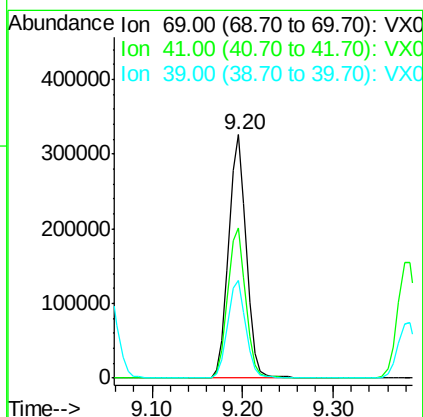
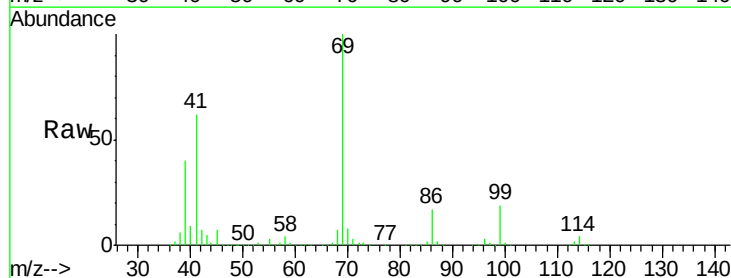
Manual Integrations
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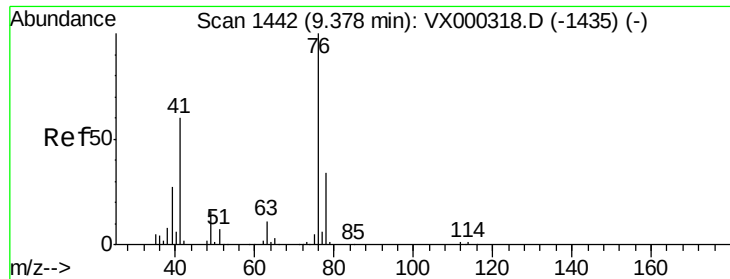
sam
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#56
 Ethyl methacrylate
 Concen: 166.18 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: VX000320.D
 Acq: 14 Mar 2018 18:07

Tgt Ion	69	Resp	440805
Ion	Ratio	Lower	Upper
69	100		
41	62.8	53.0	79.6
39	40.9	35.3	52.9





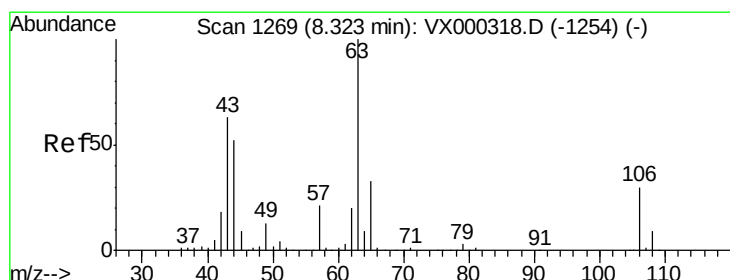
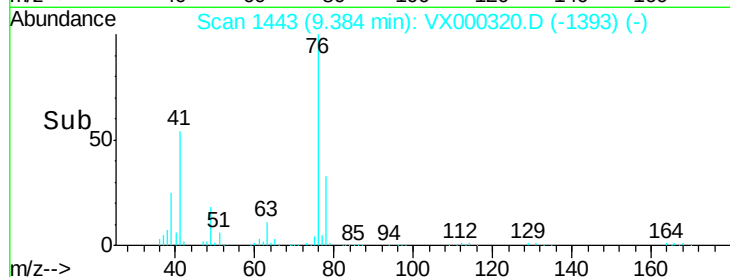
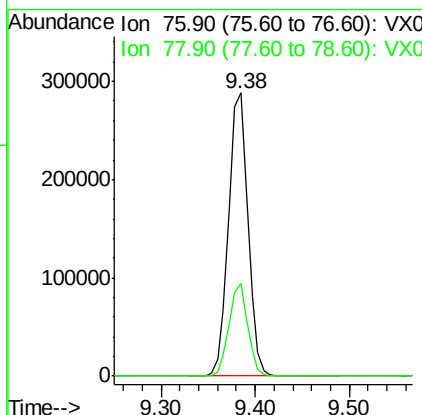
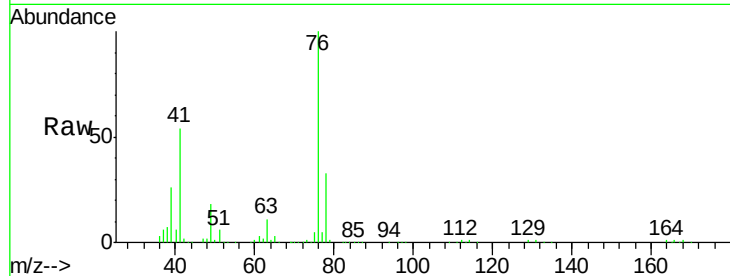
#57
 1,3-Dichloropropane
 Concen: 157.13 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: VX000320.D
 Acq: 14 Mar 2018 18:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 76 Resp: 414437
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.4 39.6

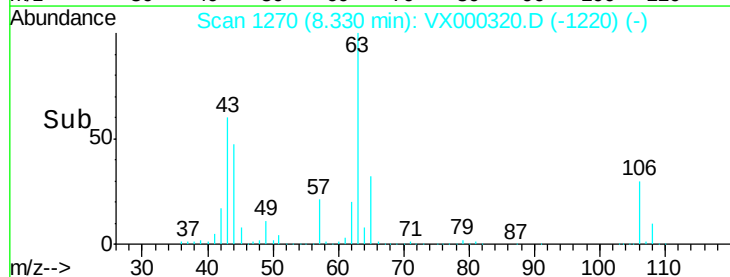
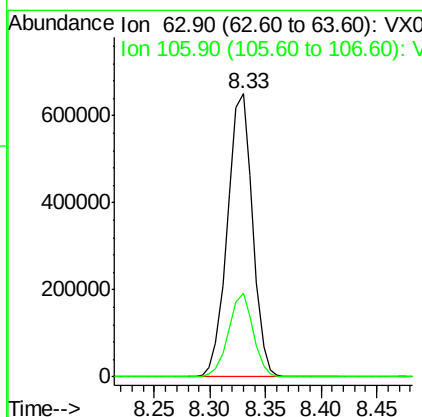
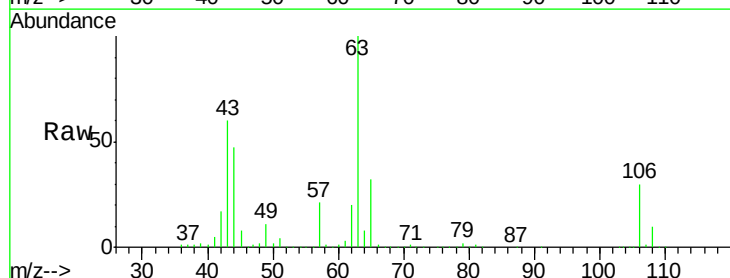
Manual Integrations
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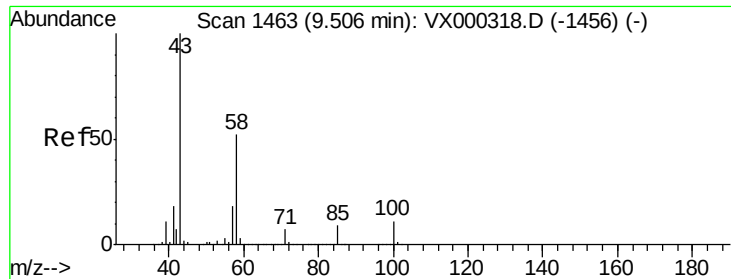
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 821.47 ug/l
 RT: 8.33 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VX000320.D
 Acq: 14 Mar 2018 18:07

Tgt Ion: 63 Resp: 1015136
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.2 34.8





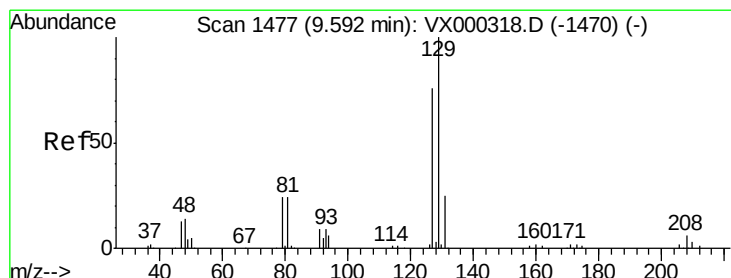
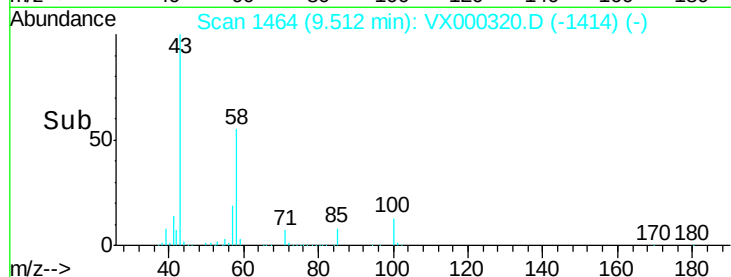
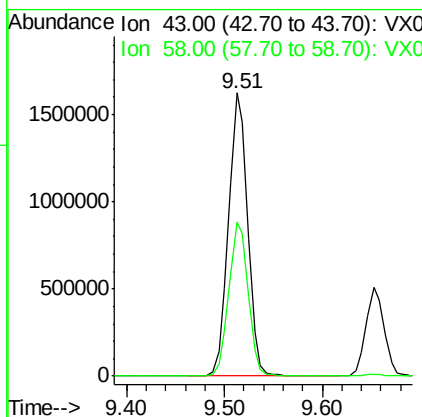
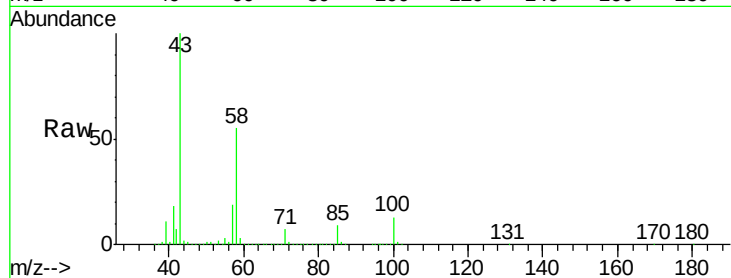
#59
2-Hexanone
Concen: 828.54 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2205664
Ion Ratio Lower Upper
43 100
58 55.1 26.6 79.7

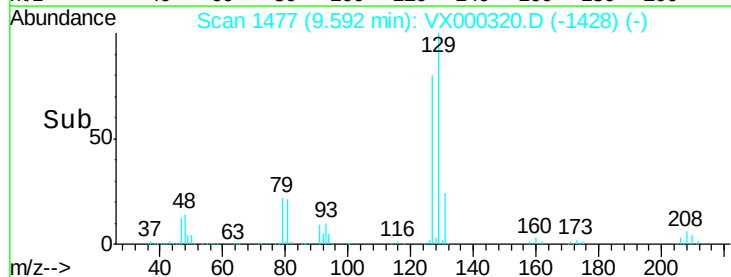
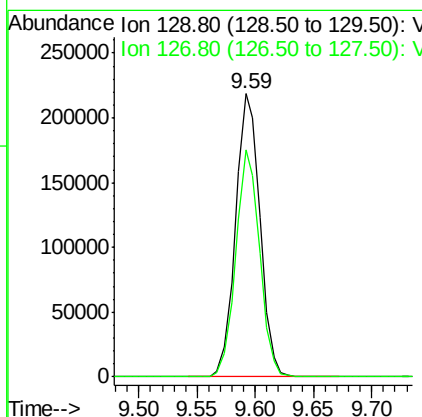
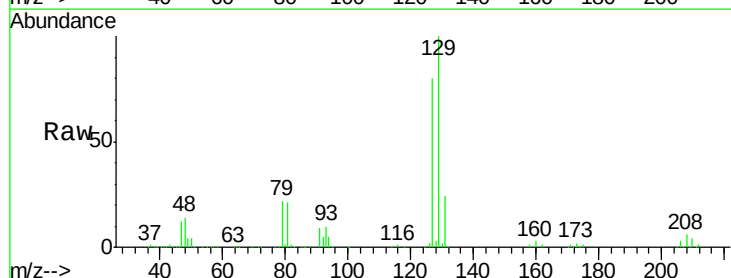
Manual Integrations
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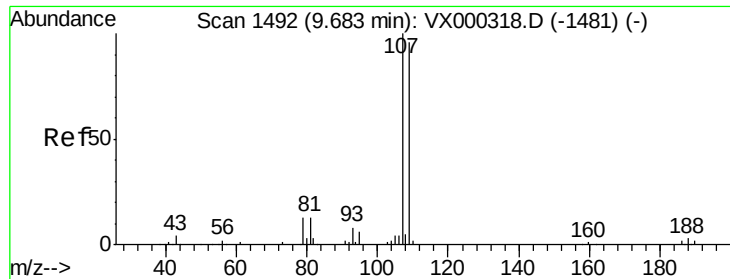
sam
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#60
Dibromochloromethane
Concen: 164.27 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Tgt Ion: 129 Resp: 319471
Ion Ratio Lower Upper
129 100
127 78.1 37.9 113.6





#61

1,2-Dibromoethane

Concen: 167.41 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:107 Resp: 305705

Ion Ratio Lower Upper

107 100

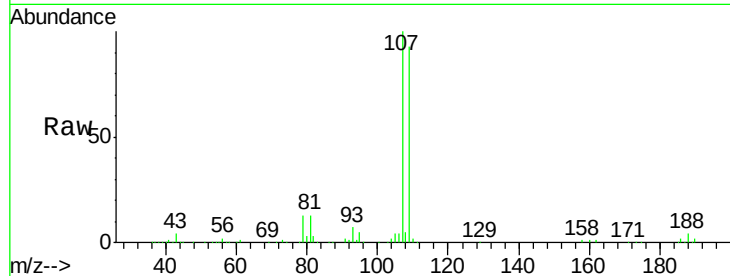
109 94.3 76.1 114.1

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

250000

200000

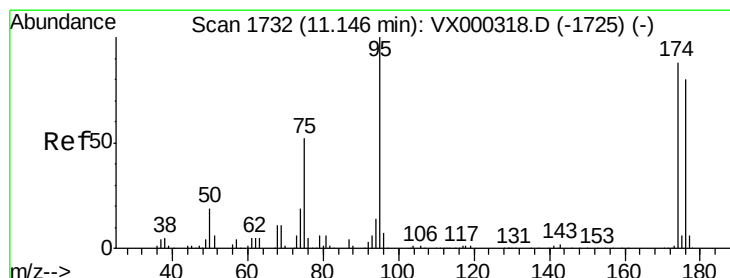
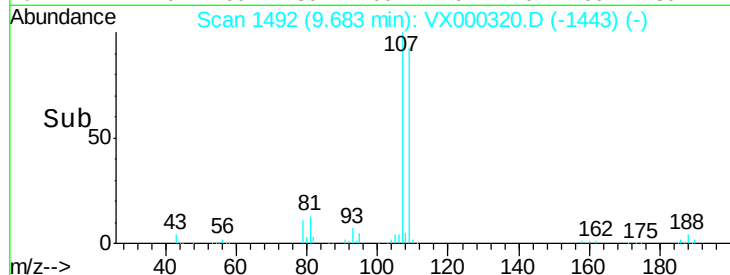
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 163.12 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

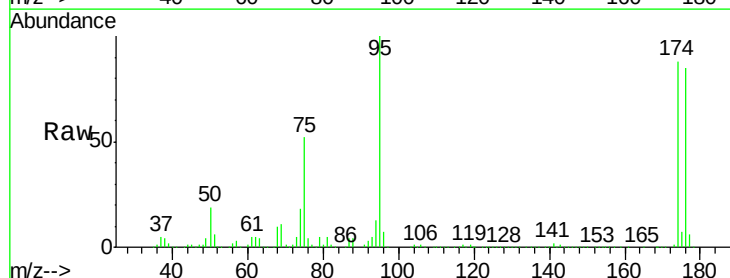
Tgt Ion: 95 Resp: 398229

Ion Ratio Lower Upper

95 100

174 91.8 0.0 173.6

176 88.6 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.15

400000

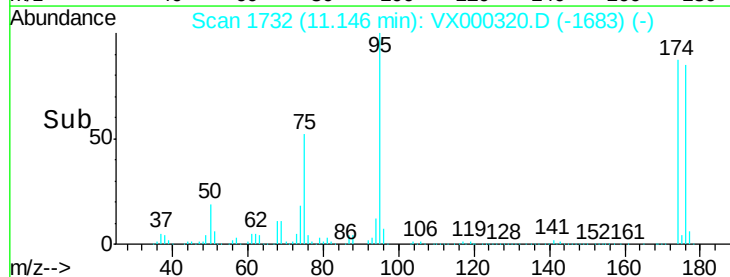
300000

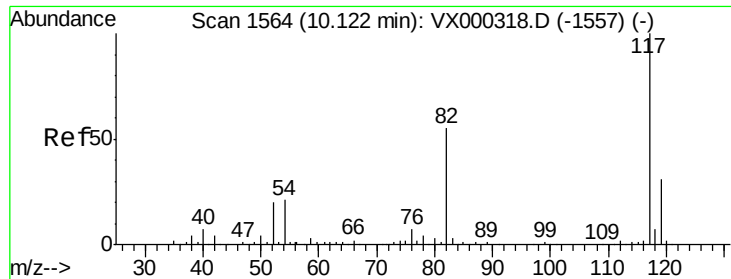
200000

100000

0

Time-->





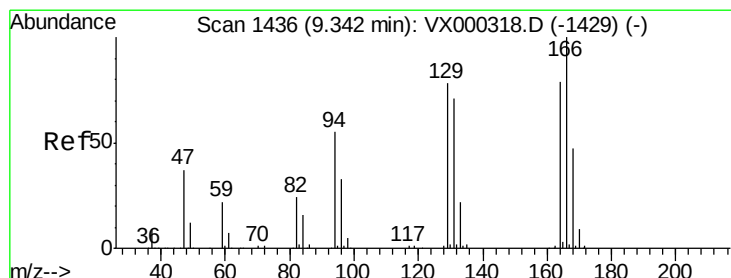
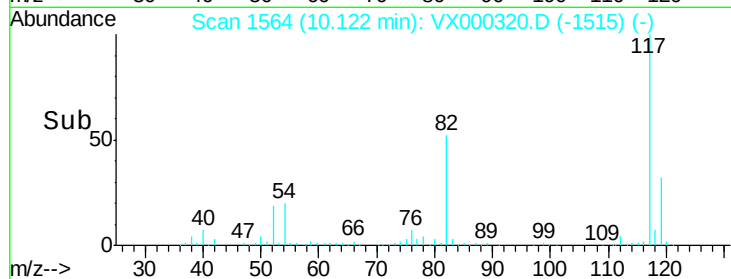
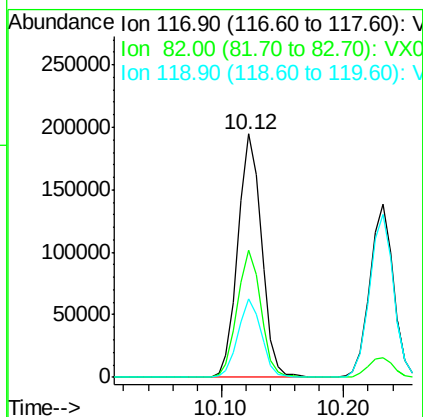
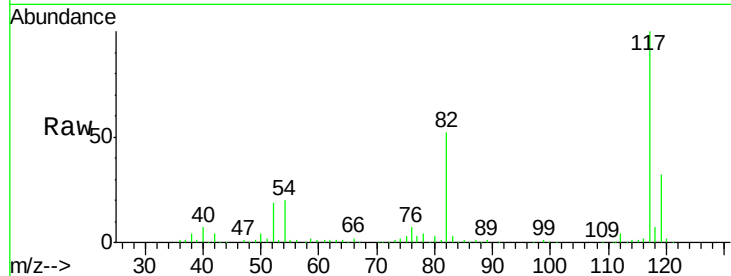
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	261754		
82	52.1	43.8	65.8	
119	32.2	24.9	37.3	

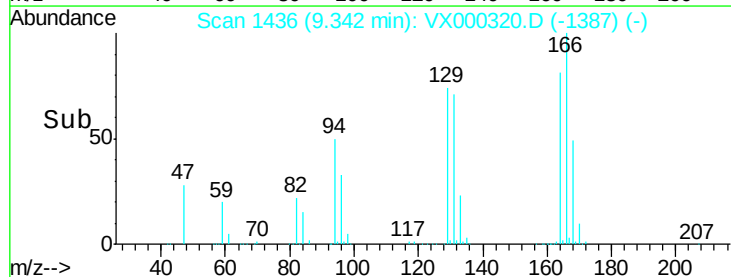
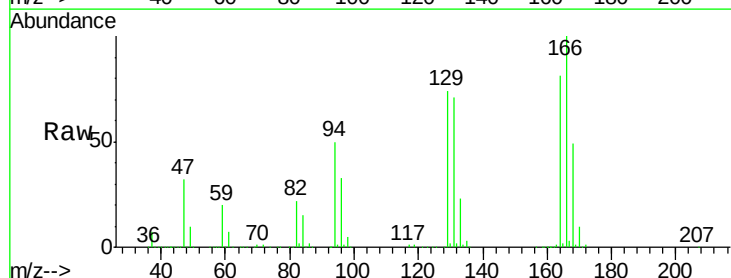
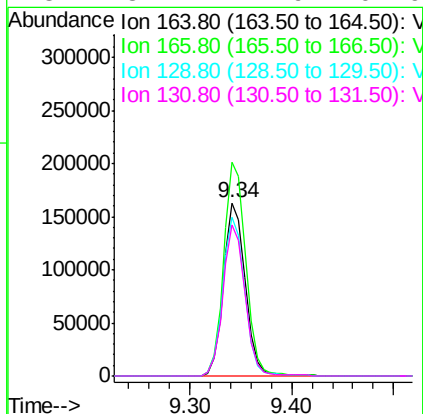
Manual Integrations
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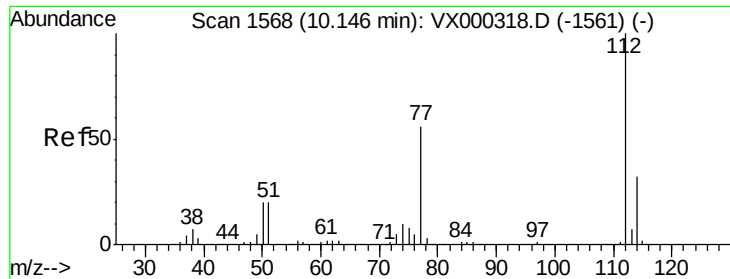
sam
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#64
Tetrachloroethene
Concen: 109.60 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	241646		
166	123.5	101.0	151.6	
129	91.5	79.0	118.4	
131	87.7	71.9	107.9	





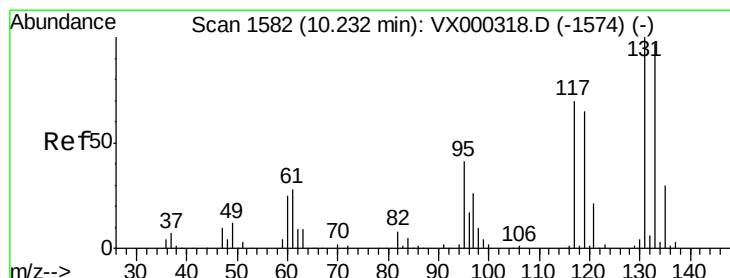
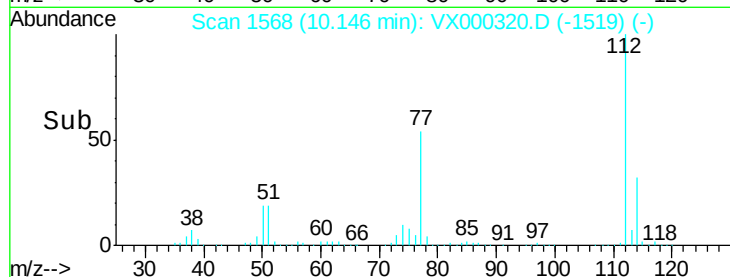
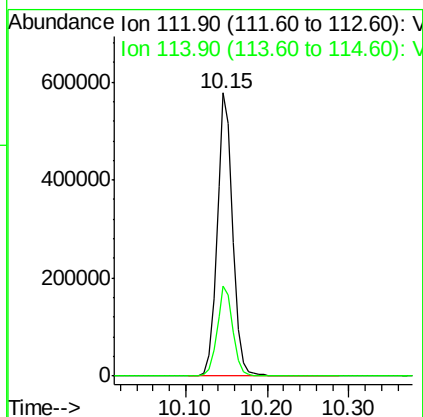
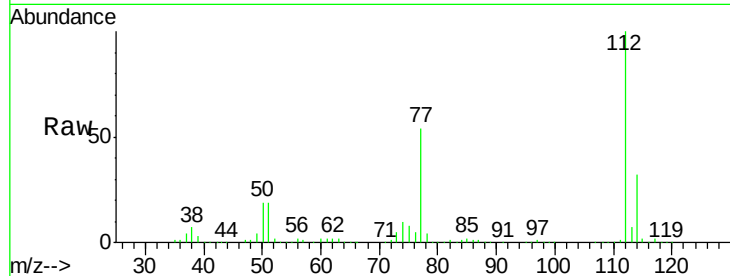
#65
Chlorobenzene
Concen: 140.31 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 773125
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

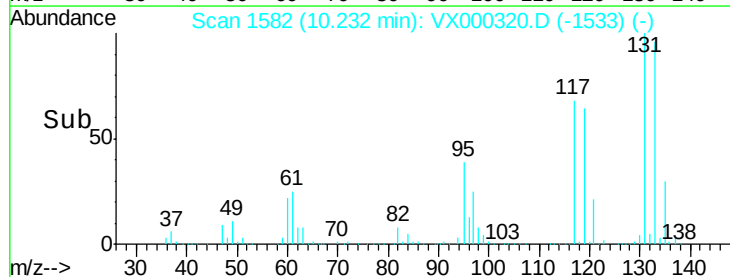
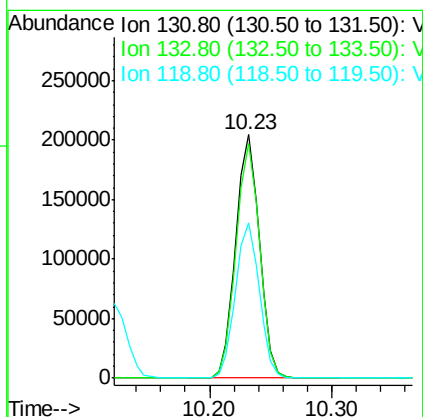
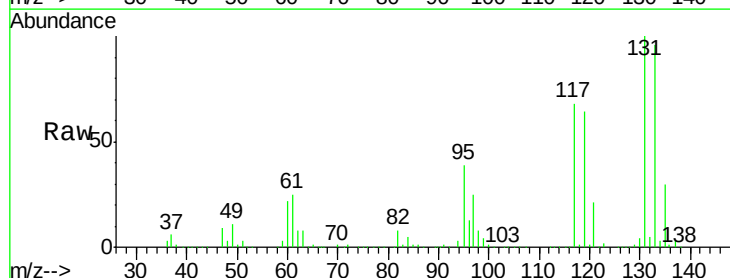
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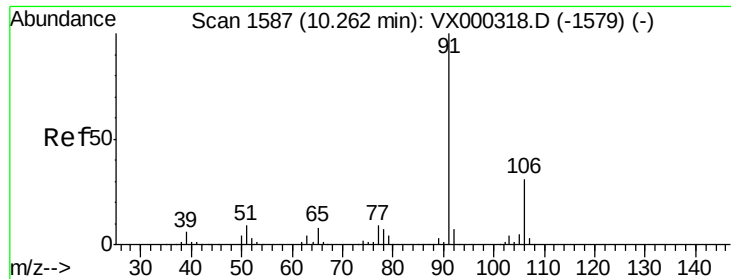
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#66
1,1,1,2-Tetrachloroethane
Concen: 134.95 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Tgt Ion:131 Resp: 273256
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.3
119 64.4 33.1 99.2





#67

Ethyl Benzene

Concen: 140.22 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 91 Resp: 1282100

Ion Ratio Lower Upper

91 100

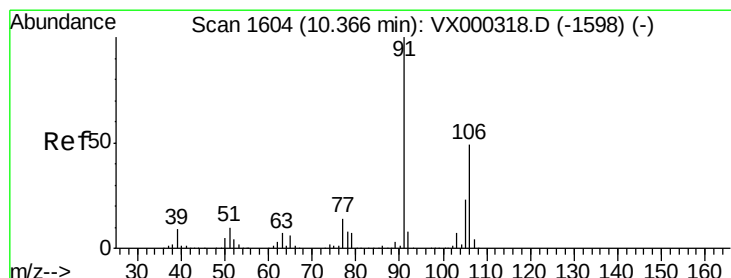
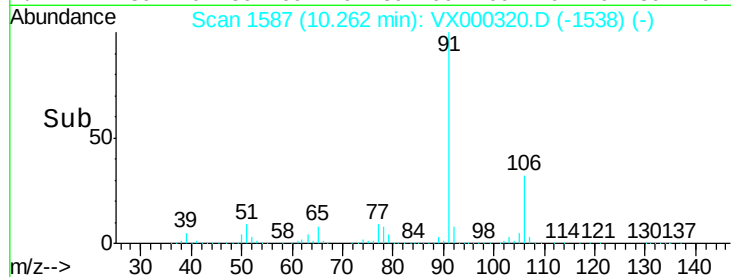
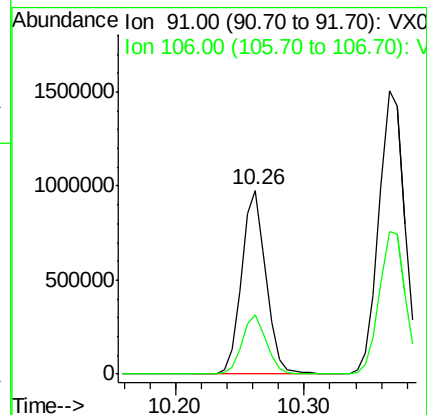
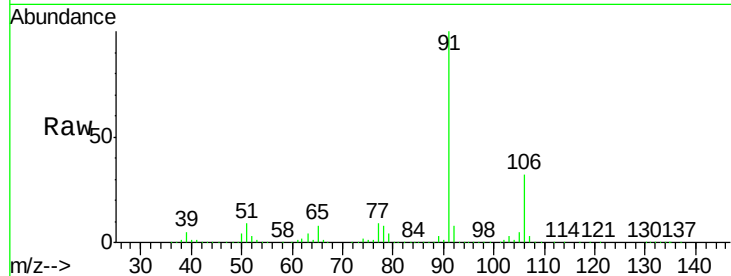
106 32.3 25.0 37.6

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#68

m/p-Xylenes

Concen: 292.50 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000320.D

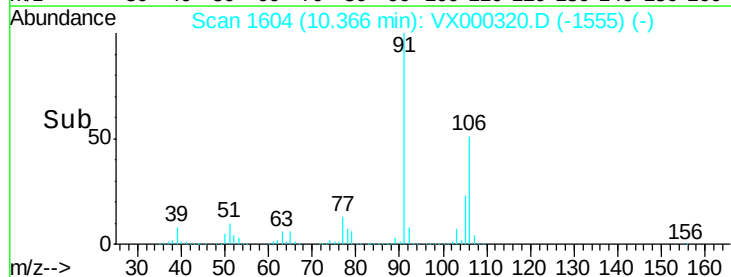
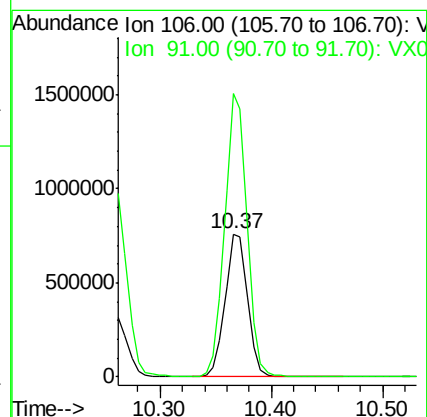
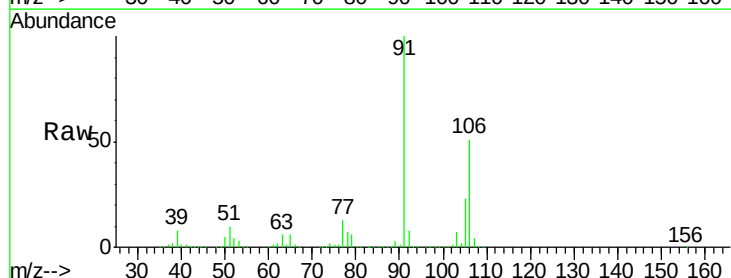
Acq: 14 Mar 2018 18:07

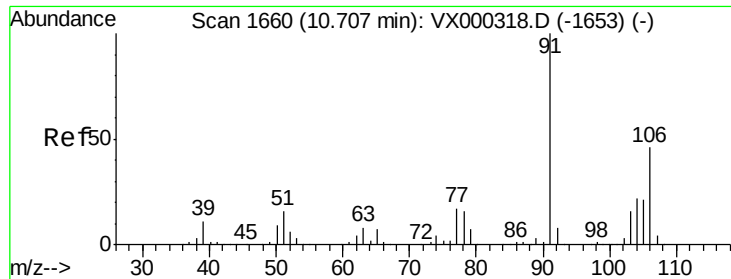
Tgt Ion: 106 Resp: 1057531

Ion Ratio Lower Upper

106 100

91 196.9 163.4 245.2





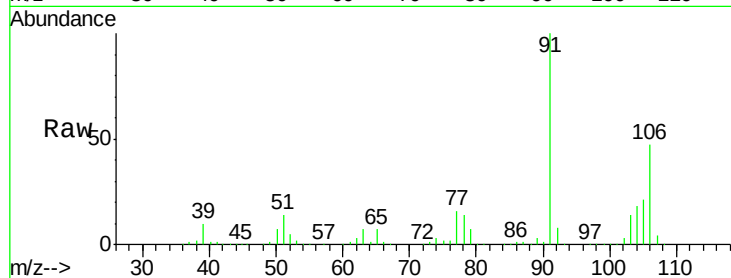
#69
o-Xylene
Concen: 147.46 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

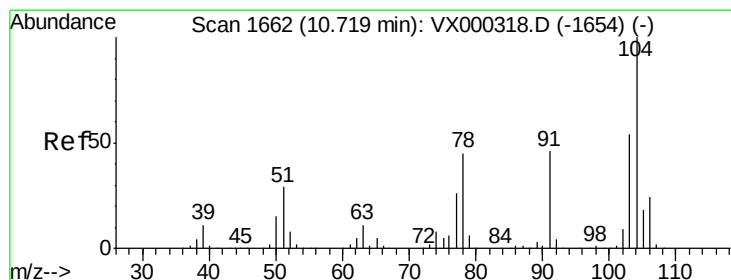
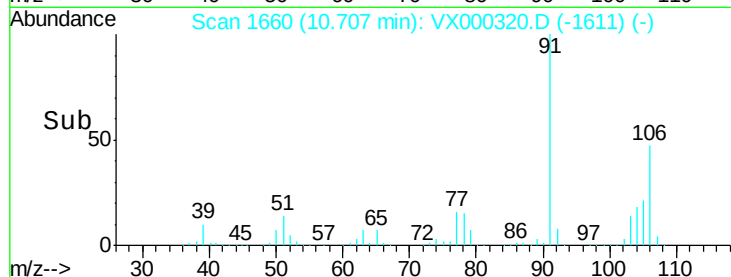
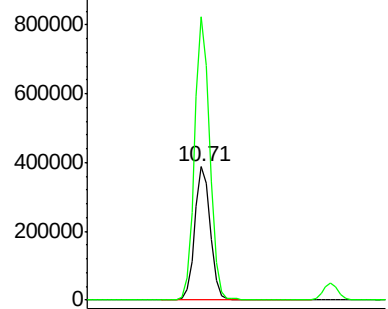
Tot Ion:106 Resp: 514770
Ion Ratio Lower Upper
106 100
91 208.2 106.5 319.6

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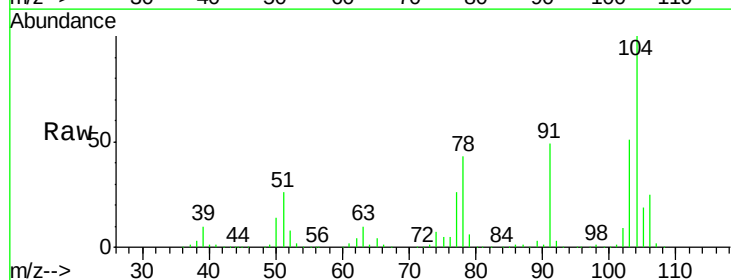


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

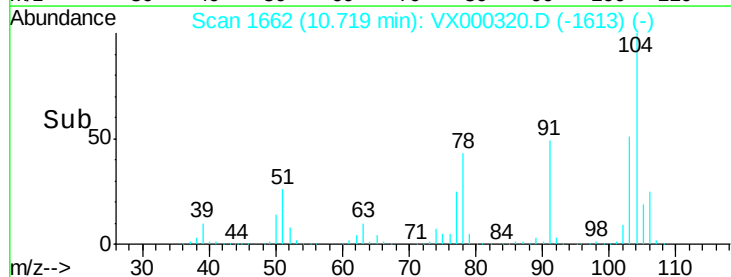
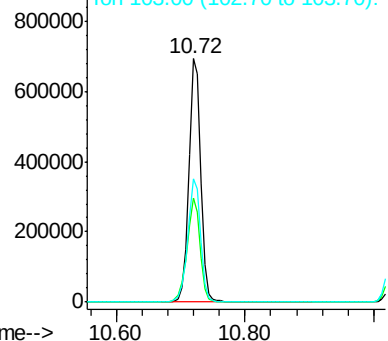


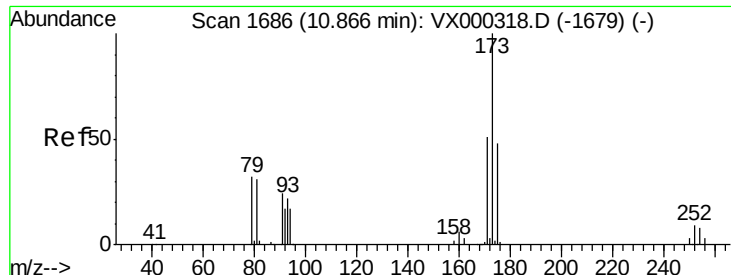
#70
Styrene
Concen: 153.68 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Tgt Ion:104 Resp: 900578
Ion Ratio Lower Upper
104 100
78 47.2 40.5 60.7
103 55.1 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: 139.80 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:173 Resp: 298303

Ion Ratio Lower Upper

173 100

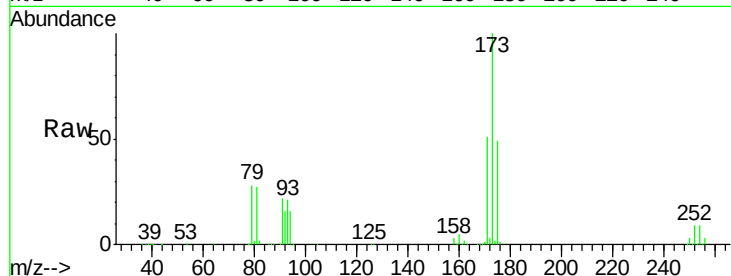
175 49.0 25.4 76.4

254 0.2 0.0 0.0#

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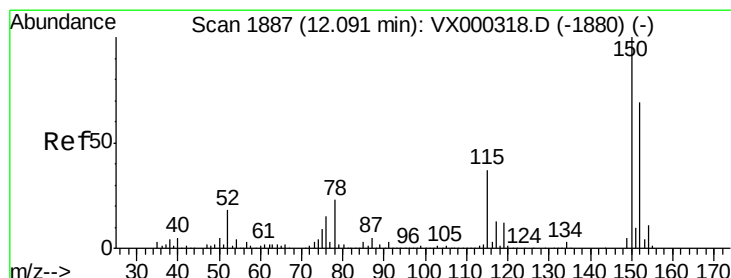
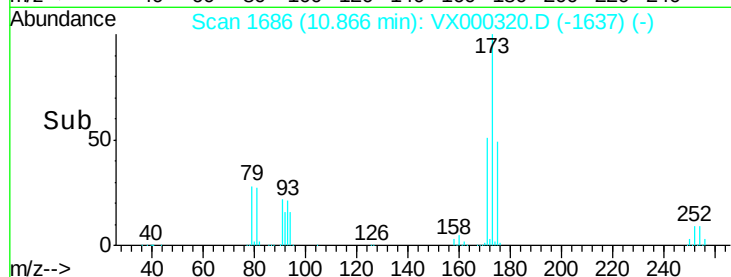
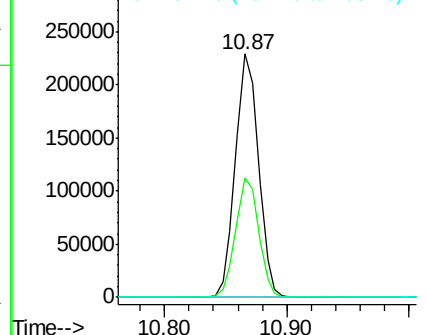
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

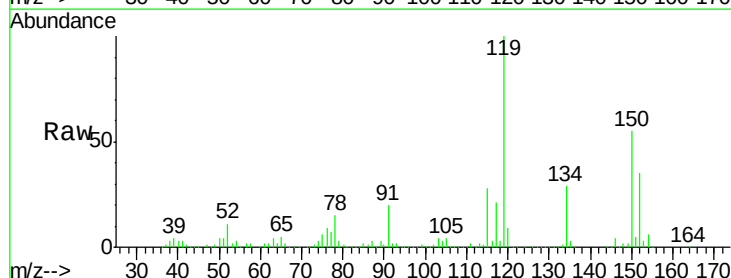
Tgt Ion:152 Resp: 169113

Ion Ratio Lower Upper

152 100

115 118.0 39.8 119.3

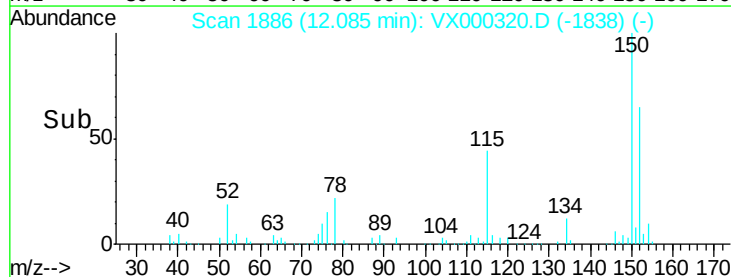
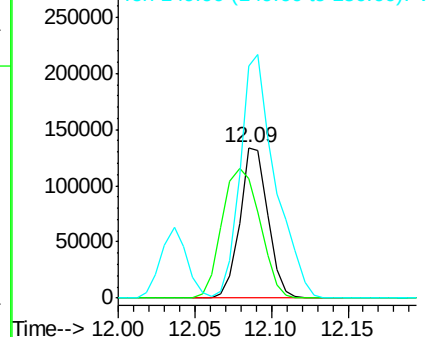
150 202.9 0.0 344.4

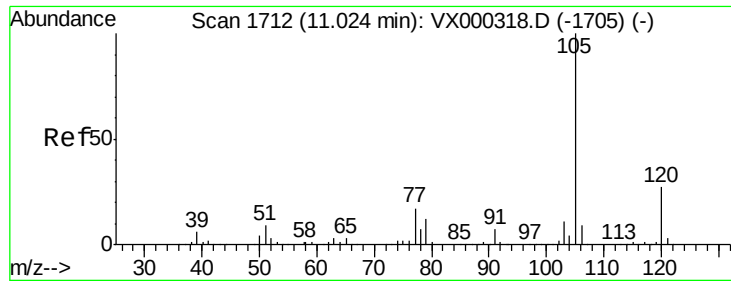


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 136.57 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1389551

Ion Ratio Lower Upper

105 100

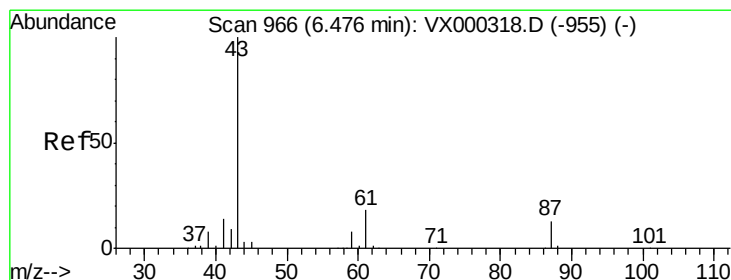
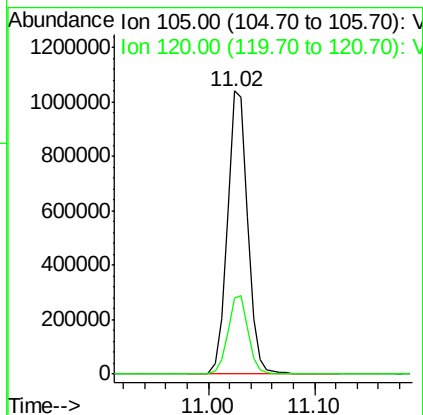
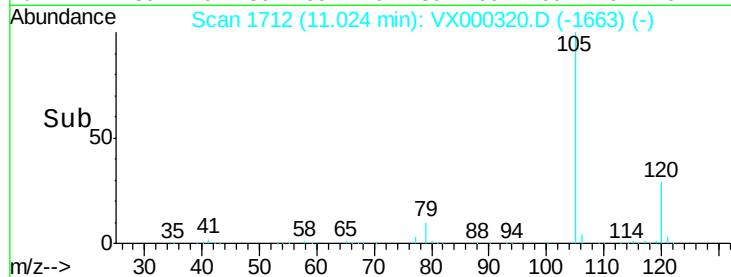
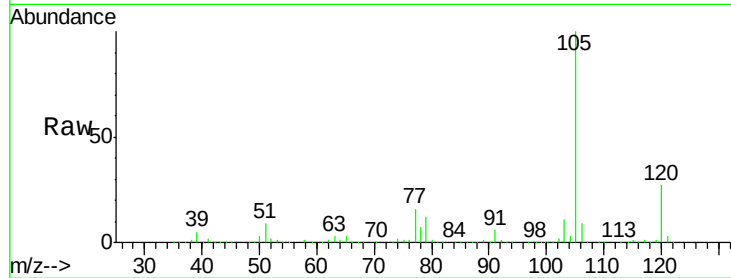
120 27.5 13.6 40.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 118.01 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Tgt Ion: 43 Resp: 634140

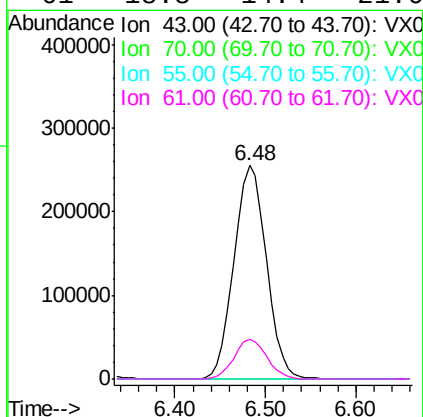
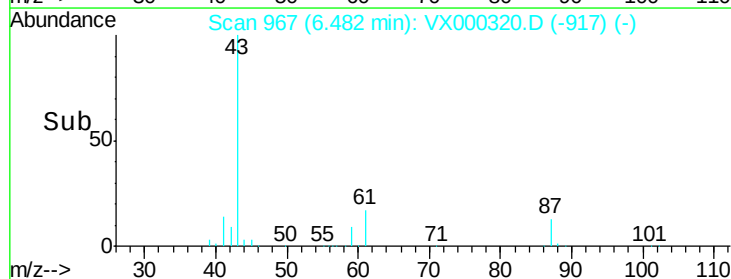
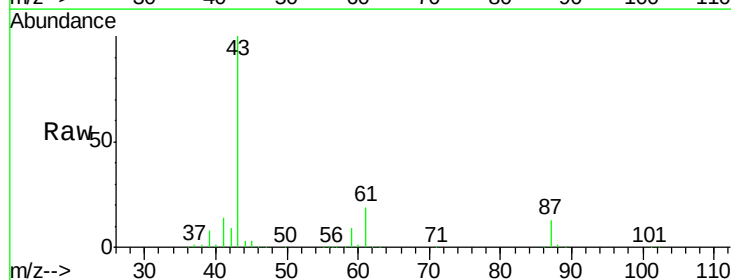
Ion Ratio Lower Upper

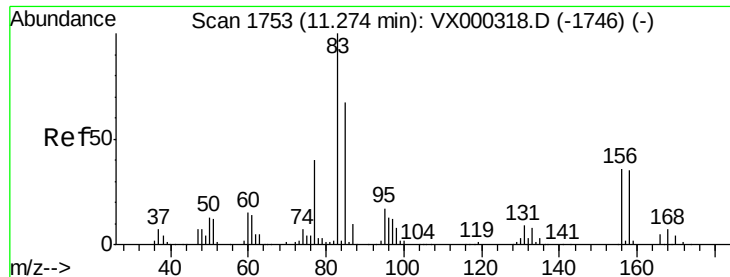
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.8 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 145.80 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Instrument :

MSVOA_X

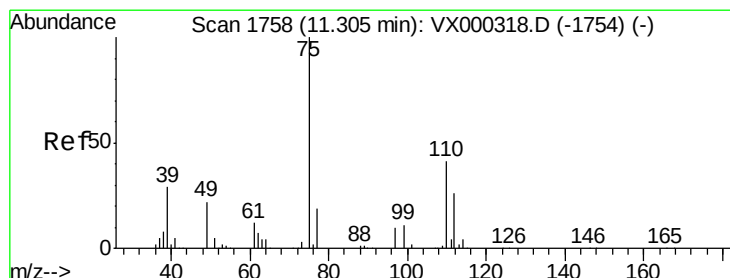
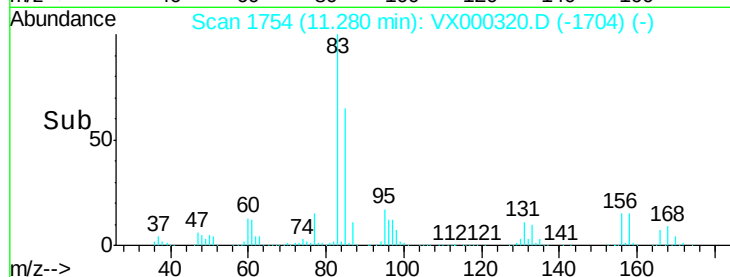
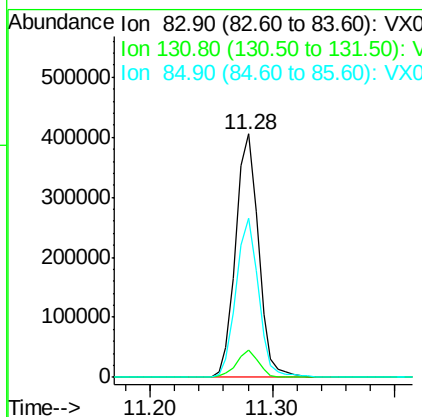
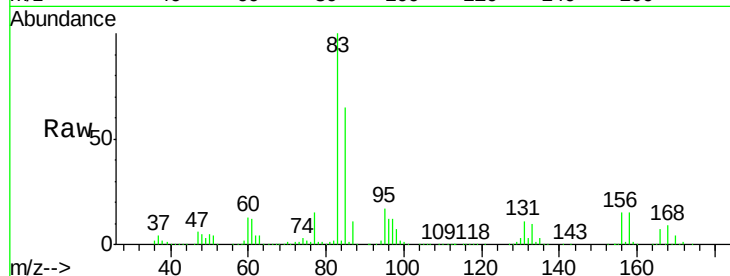
ClientSampled :

VSTDIC150

Tot Ion:	83	Resp:	522204
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.0	14.9
85	64.6	32.5	97.5

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#76

1,2,3-Trichloropropane

Concen: 100.48 ug/l m

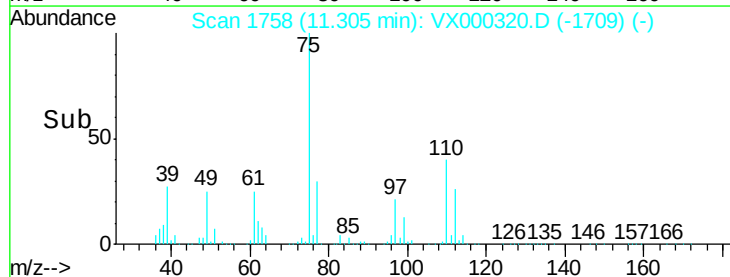
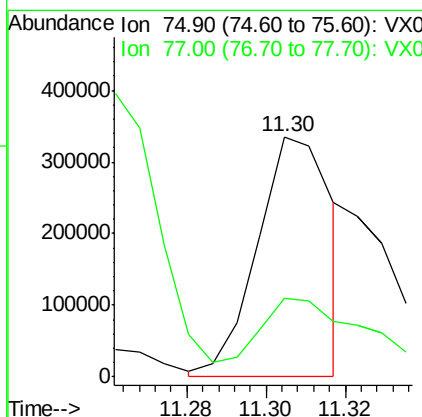
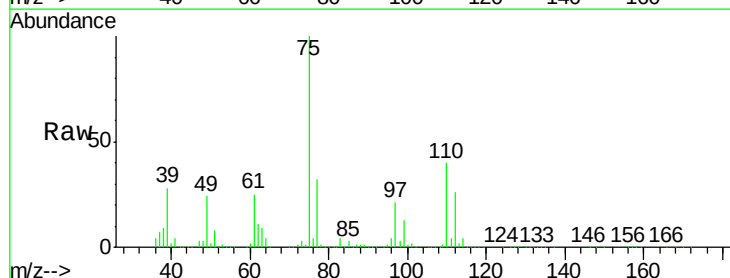
RT: 11.30 min Scan# 1758

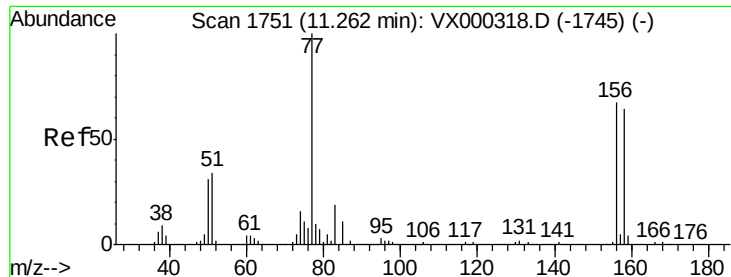
Delta R.T. 0.00 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Tgt Ion:	75	Resp:	436858
Ion Ratio	Lower	Upper	
75	100		
77	47.4	21.4	64.2





#77

Bromobenzene

Concen: 132.05 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Instrument :

MSVOA_X

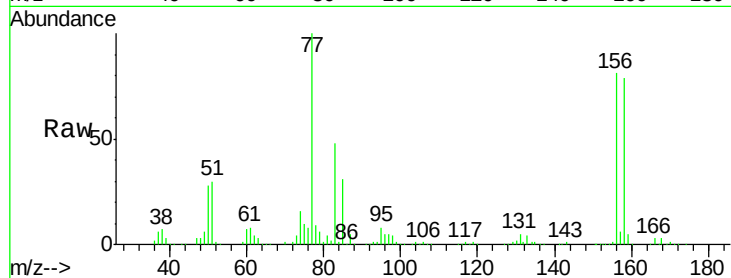
ClientSampled :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	134.6	73.4	220.2
158	96.7	48.5	145.6

Manual Integrations
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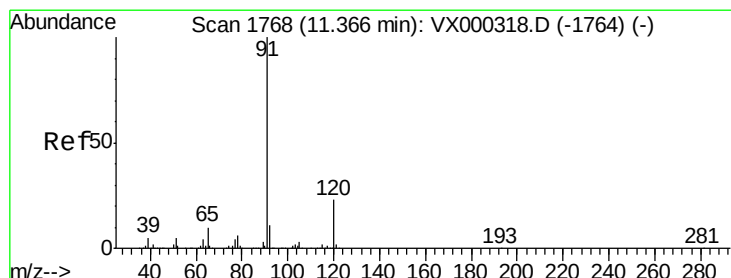
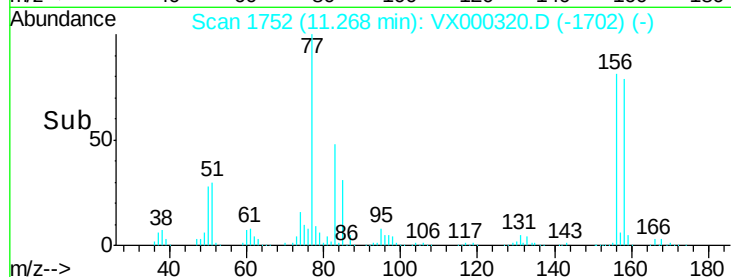
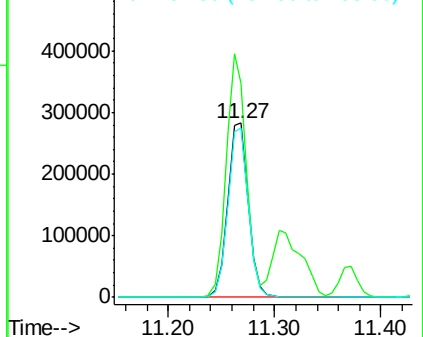
sam
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 137.15 ug/l

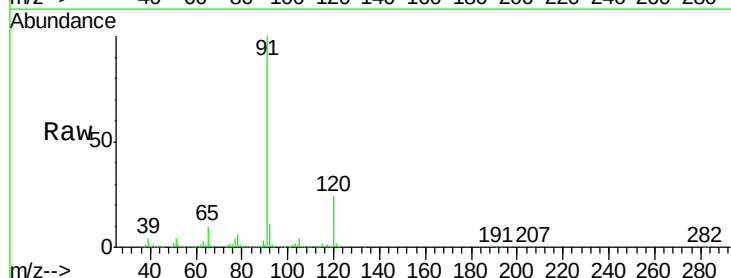
RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX000320.D

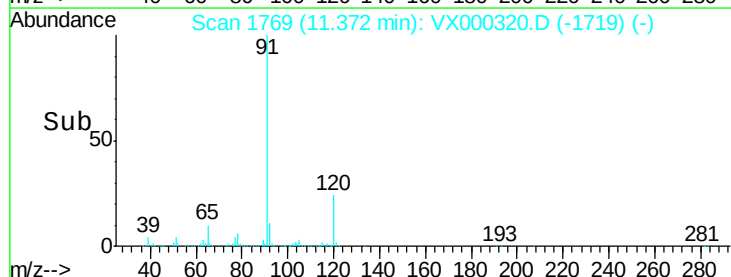
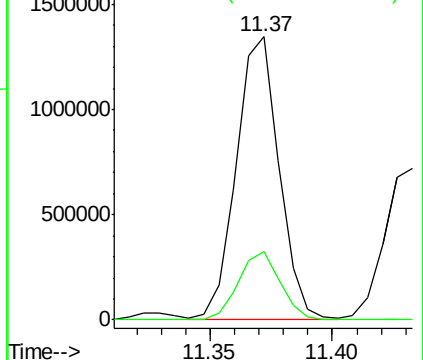
Acq: 14 Mar 2018 18:07

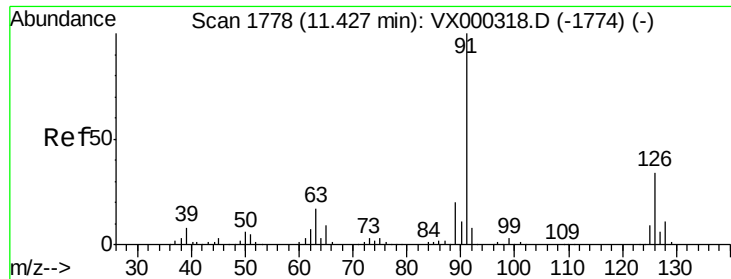
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.8	35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





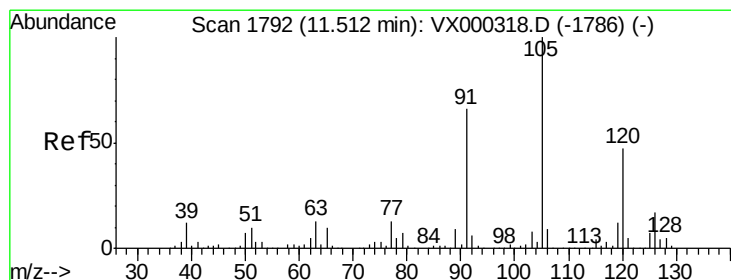
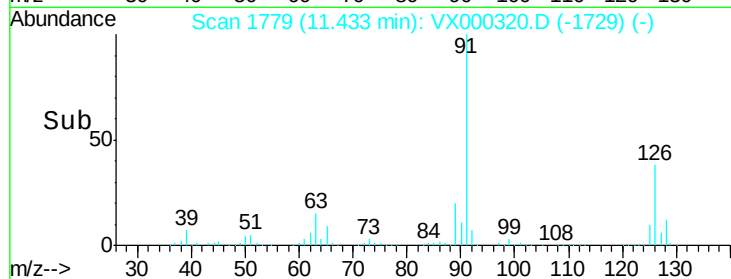
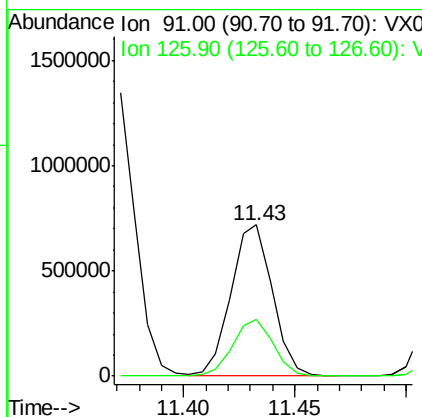
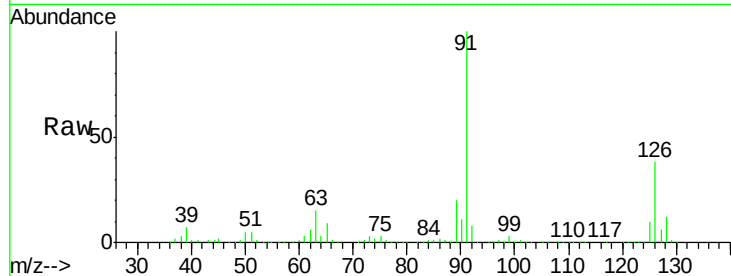
#79
 2-Chlorotoluene
 Concen: 135.82 ug/l
 RT: 11.43 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX000320.D
 Acq: 14 Mar 2018 18:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 91 Resp: 936510
 Ion Ratio Lower Upper
 91 100
 126 36.7 17.7 53.1

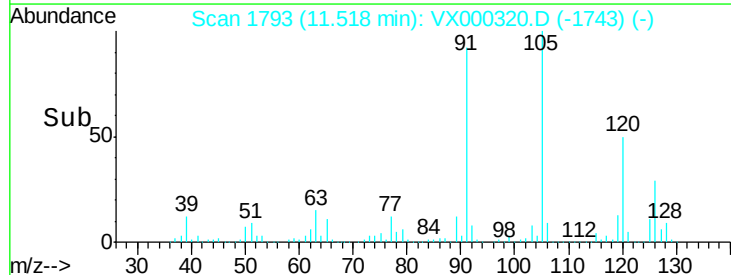
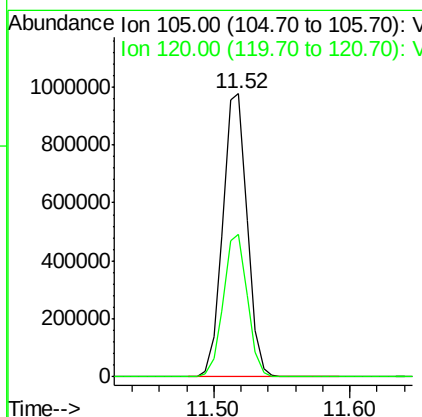
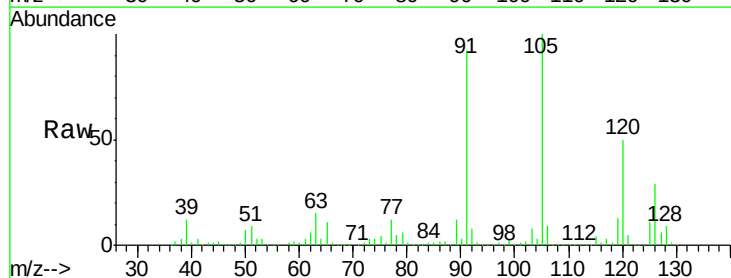
Manual Integrations
 APPROVED

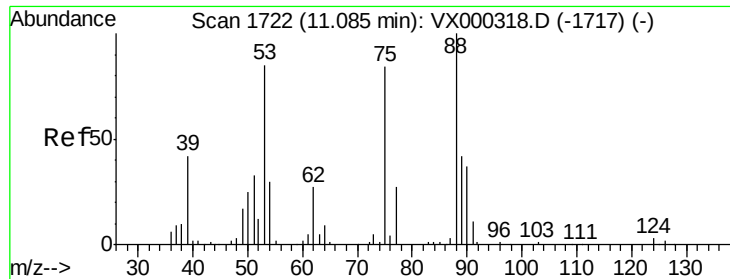
sam
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#80
 1,3,5-Trimethylbenzene
 Concen: 139.28 ug/l
 RT: 11.52 min Scan# 1793
 Delta R.T. 0.01 min
 Lab File: VX000320.D
 Acq: 14 Mar 2018 18:07

Tgt Ion: 105 Resp: 1211154
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.1 72.4





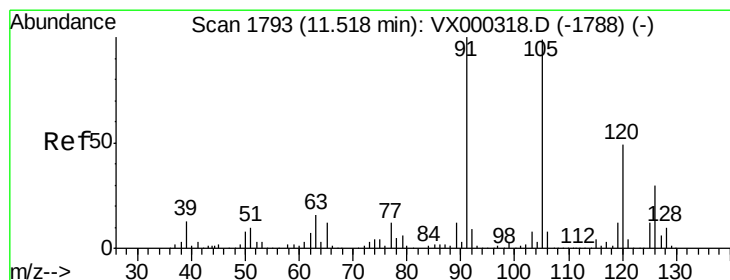
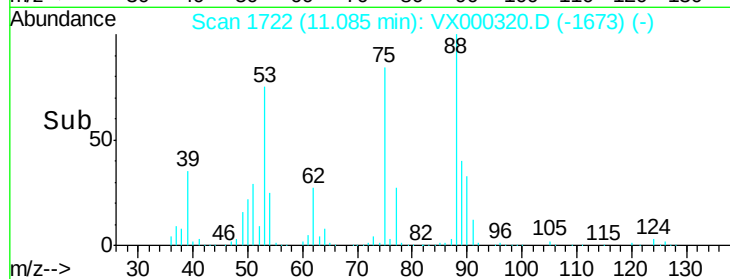
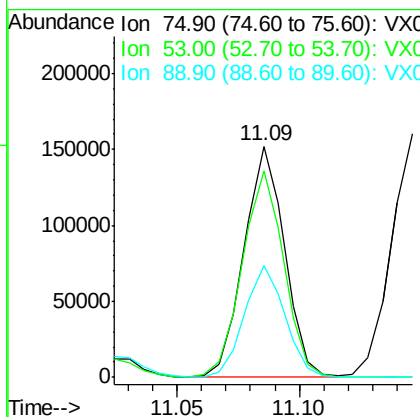
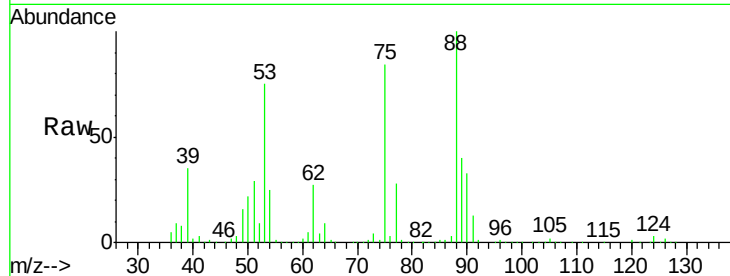
#81
trans-1,4-Dichloro-2-butene
Concen: 139.58 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.6	80.7	121.1
89	48.8	39.4	59.0

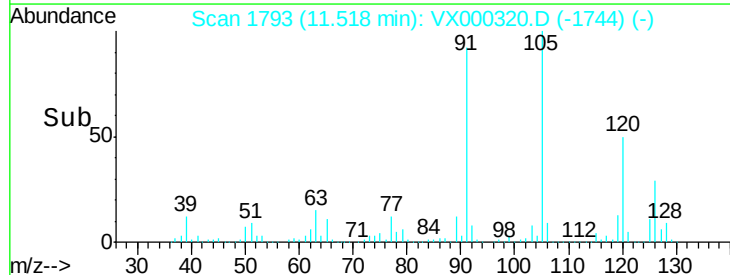
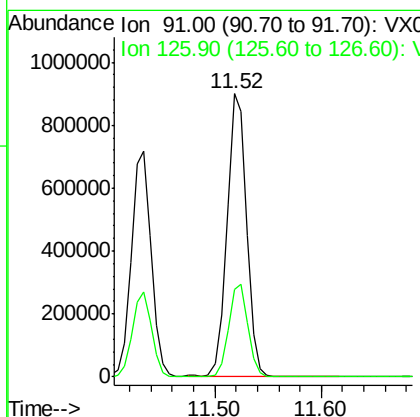
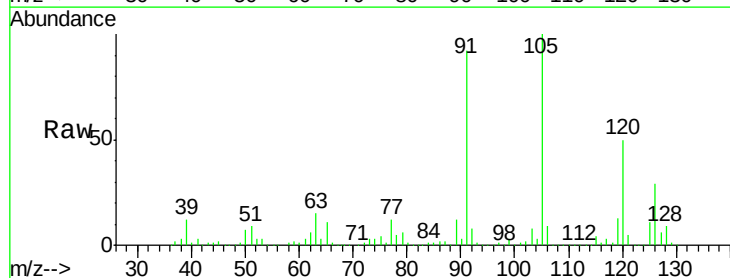
Manual Integrations
APPROVED

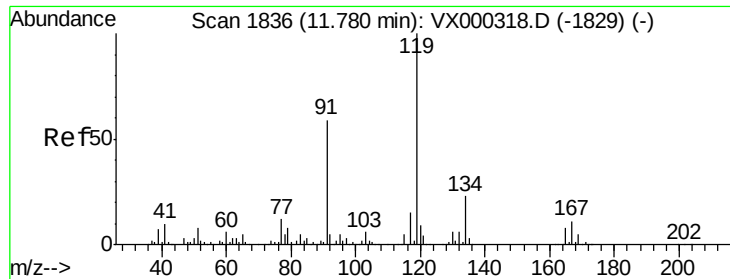
sam
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#82
4-Chlorotoluene
Concen: 138.20 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	15.4	46.1





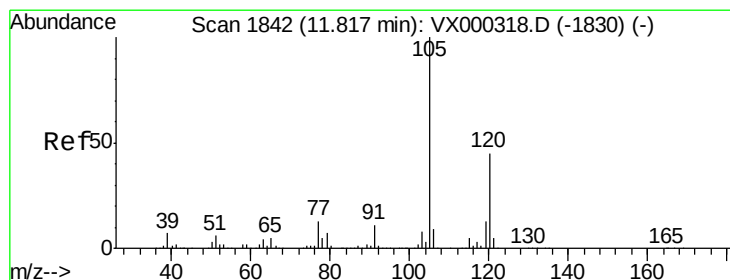
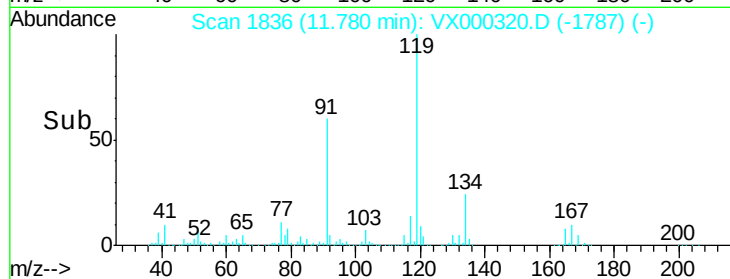
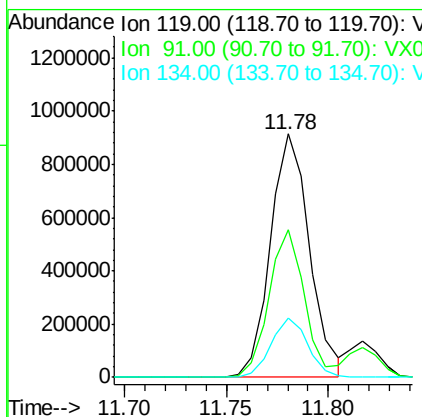
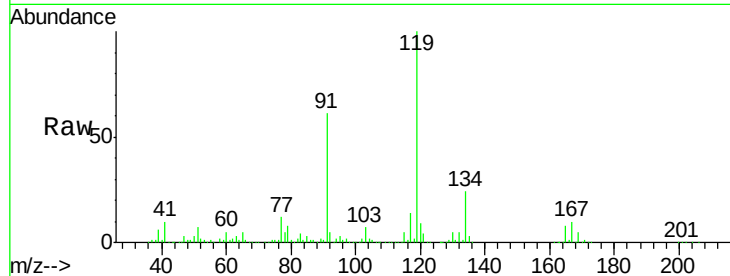
#83
 tert-Butylbenzene
 Concen: 137.25 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000320.D
 Acq: 14 Mar 2018 18:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.0	28.8	86.4
134	23.2	11.4	34.1

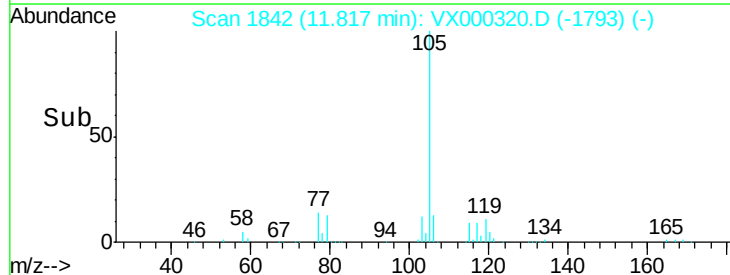
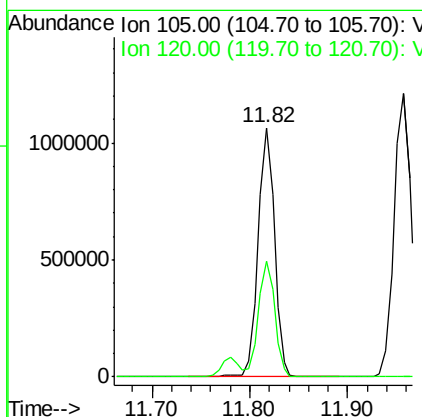
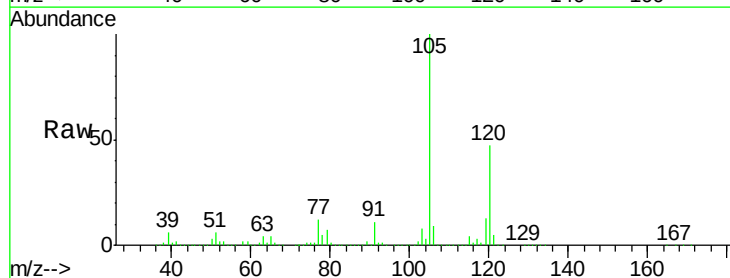
Manual Integrations
 APPROVED

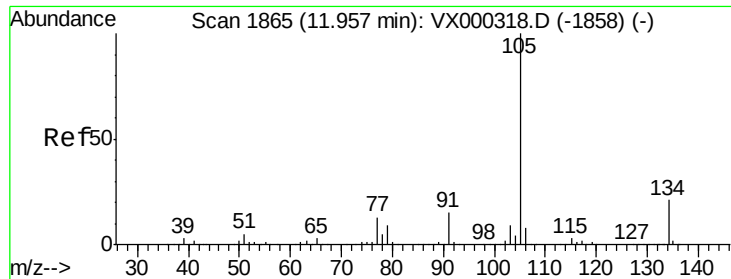
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 137.89 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000320.D
 Acq: 14 Mar 2018 18:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	22.4	67.3





#85

sec-Butylbenzene

Concen: 136.99 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion:105 Resp: 1470498

Ion Ratio Lower Upper

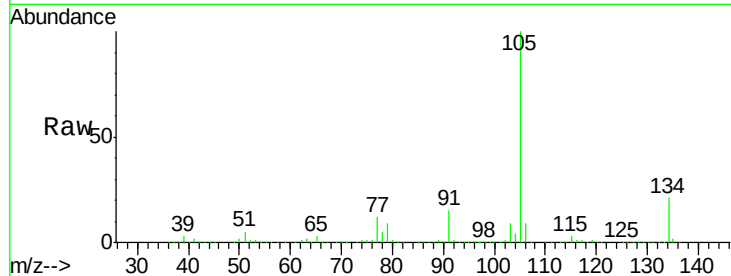
105 100

134 21.1 10.3 30.8

Manual Integrations
APPROVED

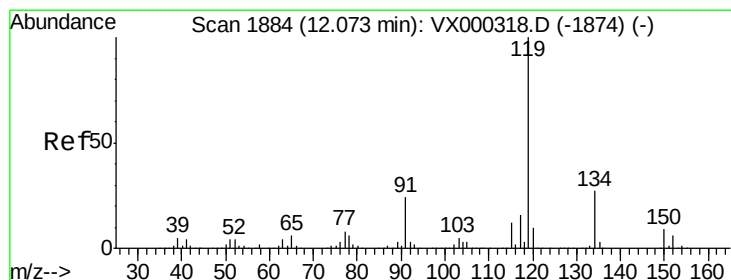
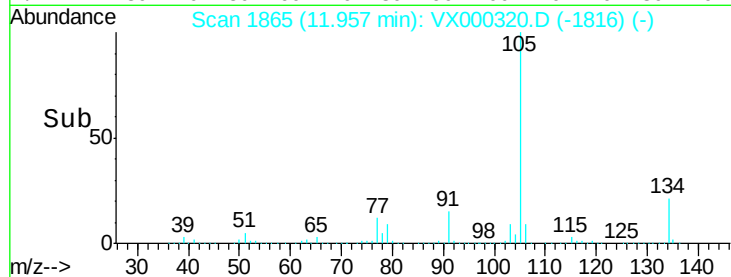
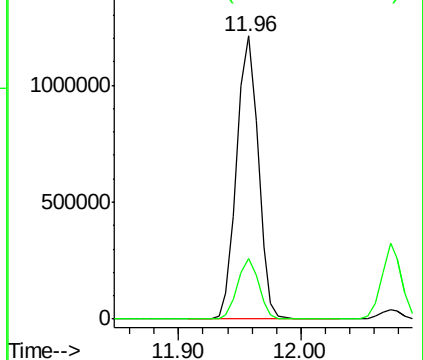
sam

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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: 135.91 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

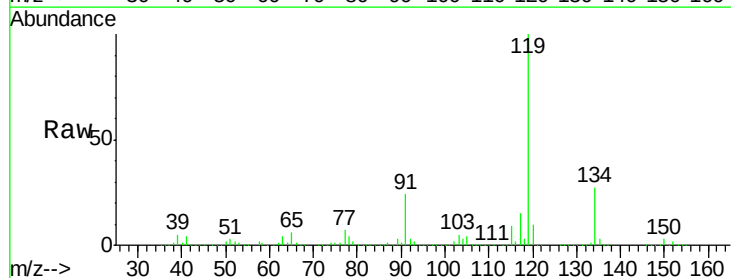
Tgt Ion:119 Resp: 1358604

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

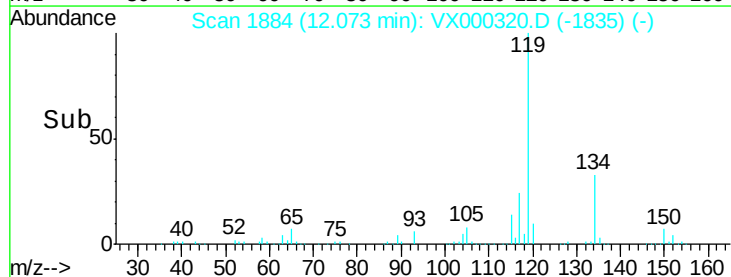
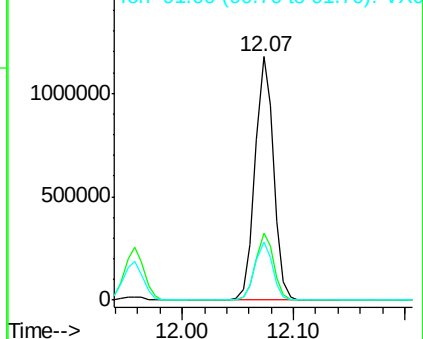
91 23.2 12.0 36.1

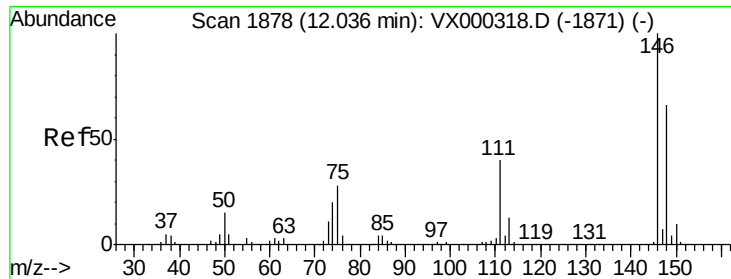


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





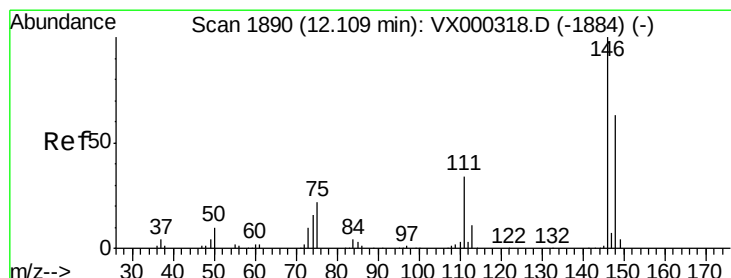
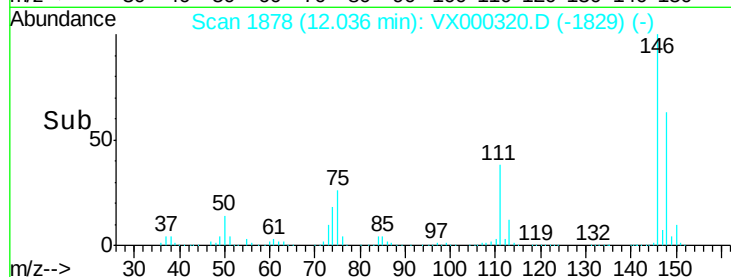
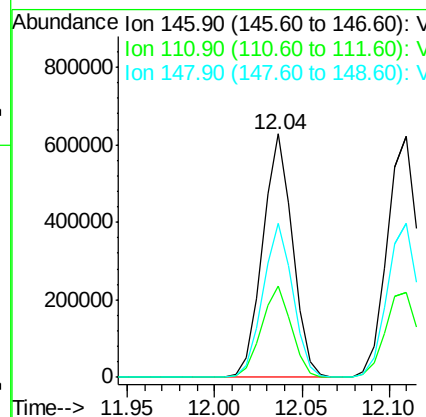
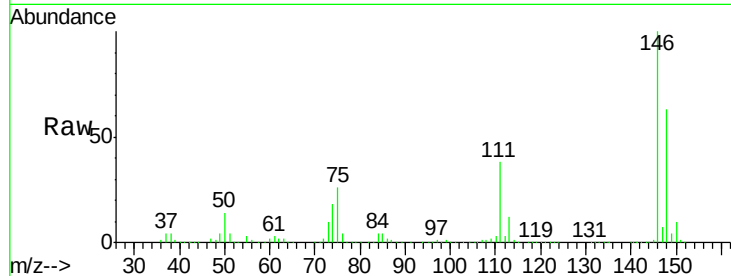
#87
 1,3-Dichlorobenzene
 Concen: 133.82 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000320.D
 Acq: 14 Mar 2018 18:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.5	58.5
148	63.3	32.4	97.0

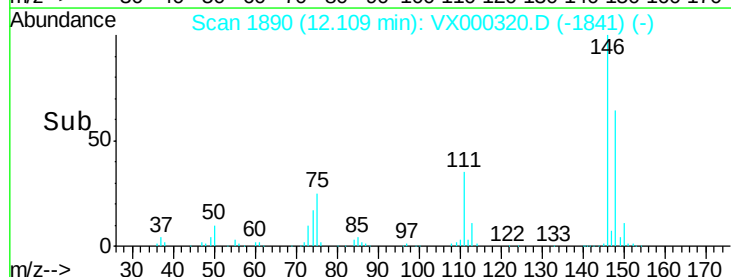
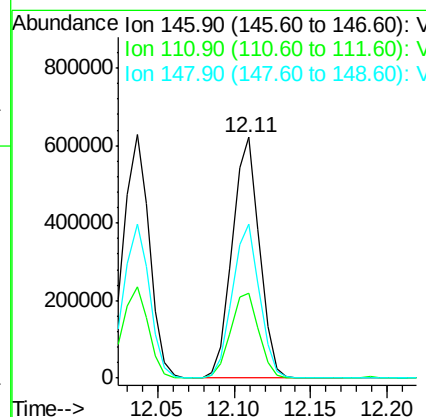
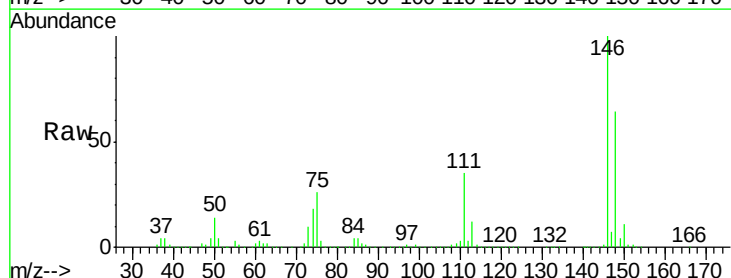
Manual Integrations
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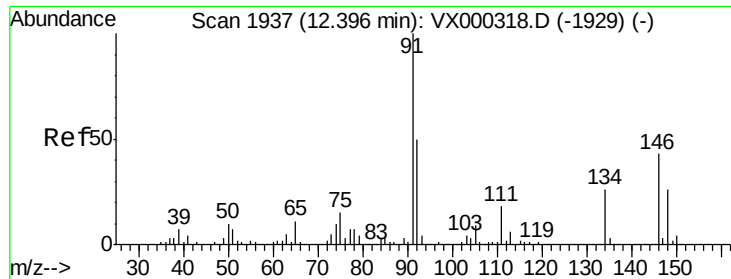
sam
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#88
 1,4-Dichlorobenzene
 Concen: 131.67 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000320.D
 Acq: 14 Mar 2018 18:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.9	56.9
148	63.8	31.0	93.0





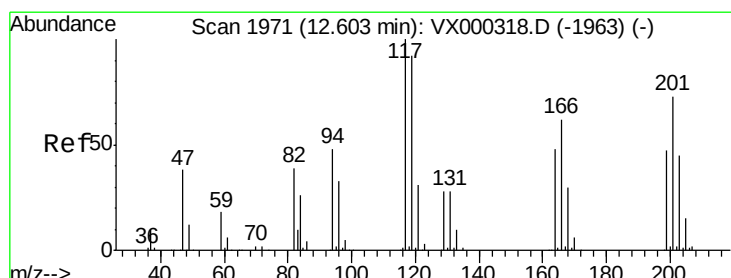
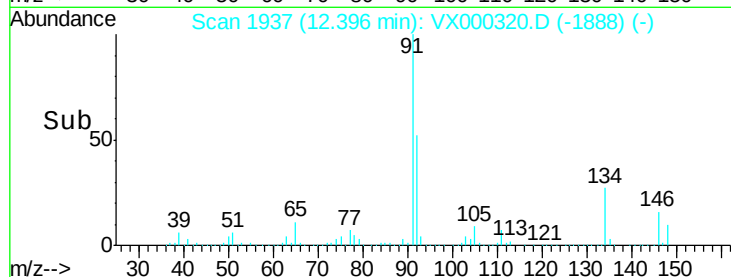
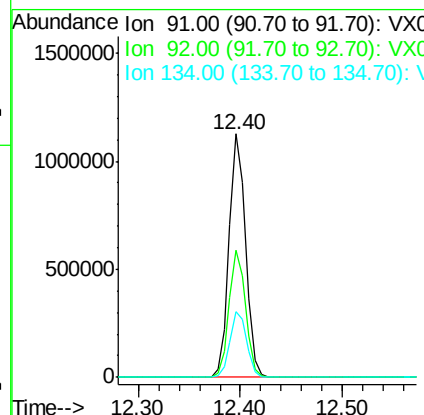
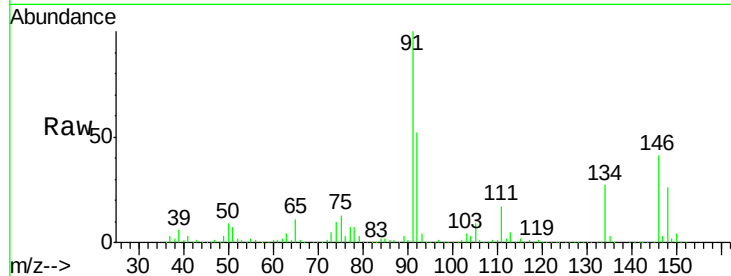
#89
n-Butylbenzene
Concen: 136.86 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion: 91 Resp: 1265699
Ion Ratio Lower Upper
91 100
92 52.2 25.9 77.8
134 27.5 13.1 39.3

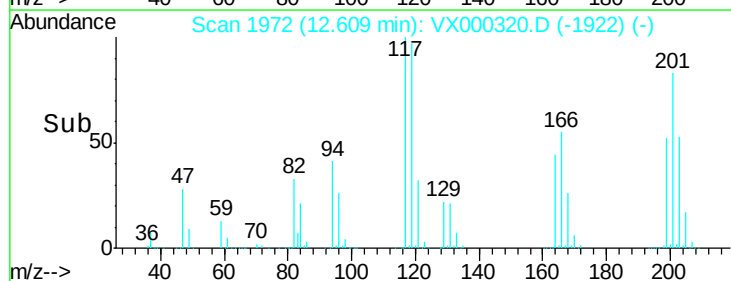
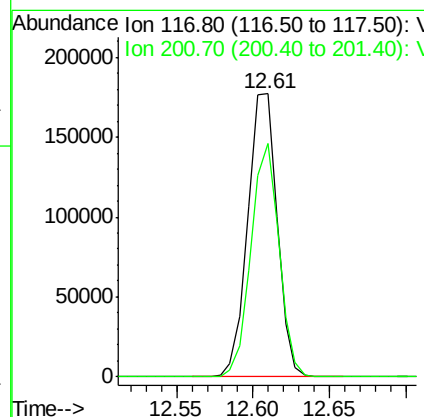
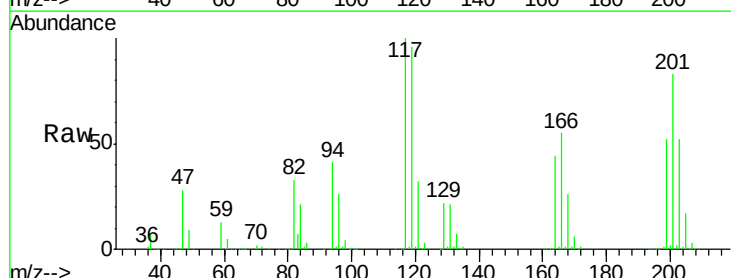
Manual Integrations
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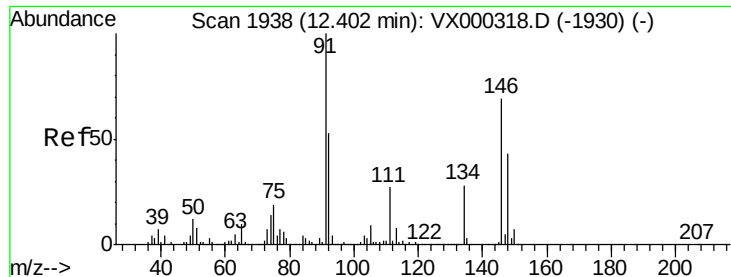
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#90
Hexachloroethane
Concen: 147.65 ug/l
RT: 12.61 min Scan# 1972
Delta R.T. 0.01 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Tgt Ion: 117 Resp: 237098
Ion Ratio Lower Upper
117 100
201 78.1 37.9 113.6





#91

1,2-Dichlorobenzene

Concen: 137.72 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Instrument :

MSVOA_X

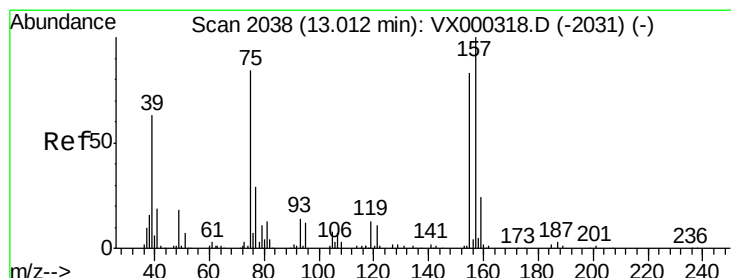
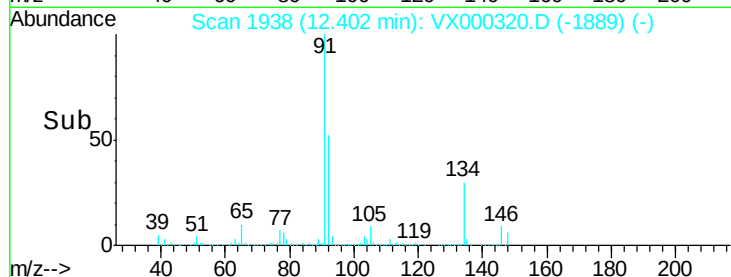
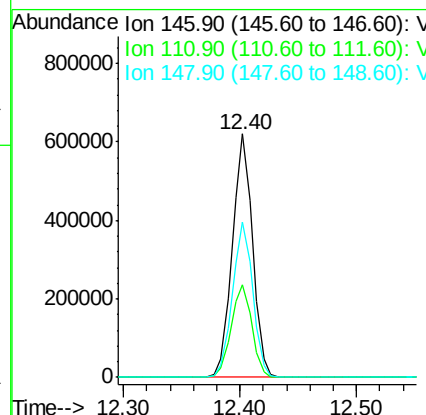
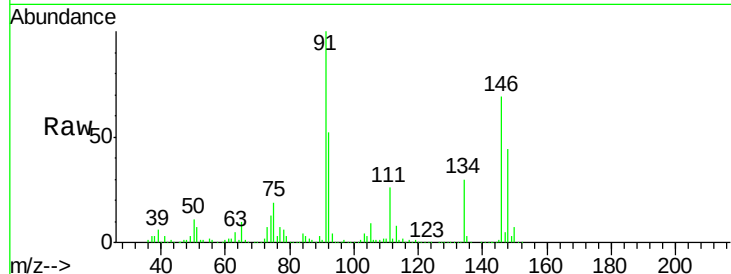
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	743212
Ion Ratio	Lower	Upper	
146	100		
111	39.0	20.1	60.2
148	64.2	31.2	93.6

Manual Integrations
APPROVED

sam
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#92

1,2-Dibromo-3-Chloropropane

Concen: 129.92 ug/l

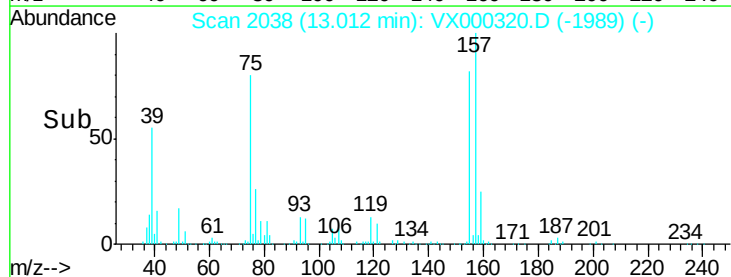
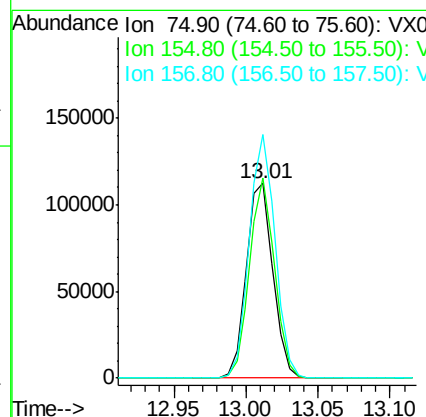
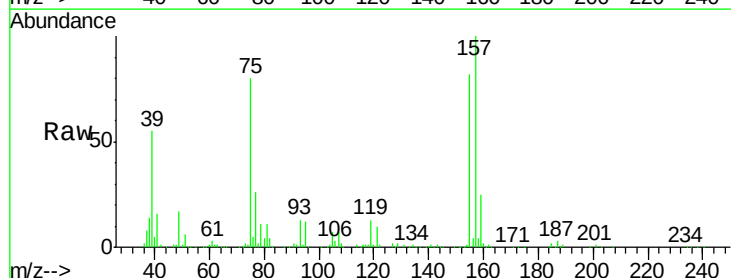
RT: 13.01 min Scan# 2038

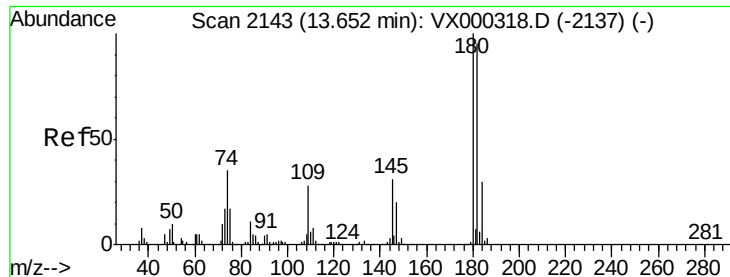
Delta R.T. 0.00 min

Lab File: VX000320.D

Acq: 14 Mar 2018 18:07

Tgt Ion:	75	Resp:	143427
Ion Ratio	Lower	Upper	
75	100		
155	96.2	45.0	134.8
157	120.6	58.1	174.2





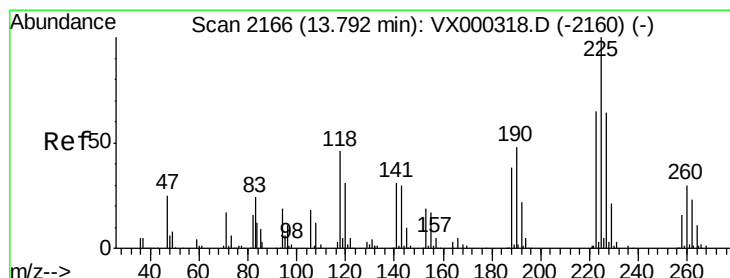
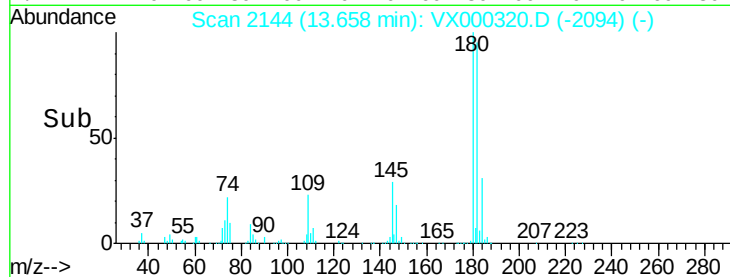
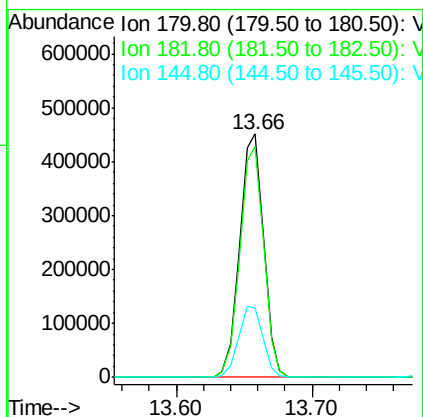
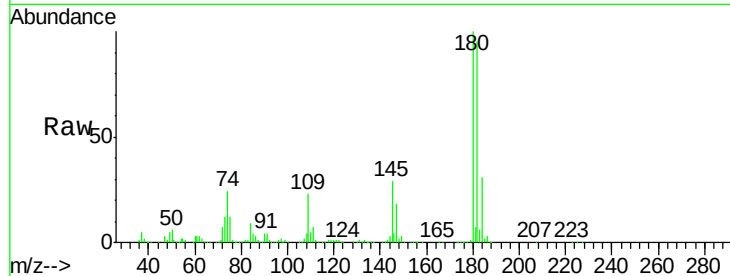
#93
 1,2,4-Trichlorobenzene
 Concen: 118.33 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000320.D
 Acq: 14 Mar 2018 18:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.6	142.9
145	29.8	15.1	45.3

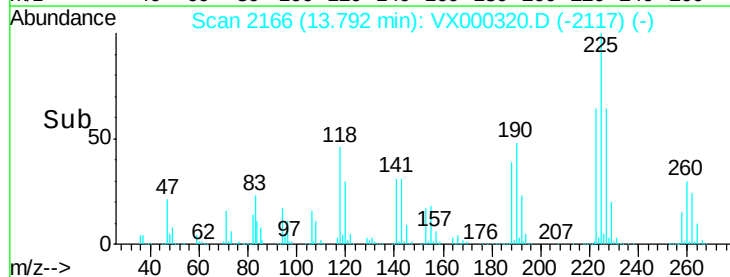
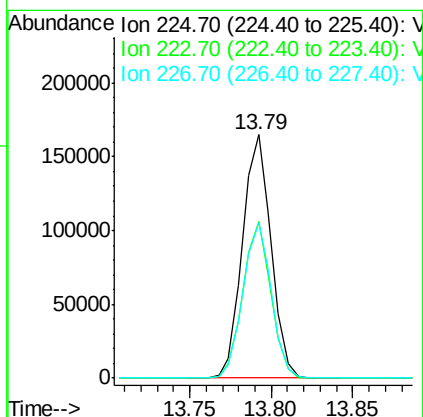
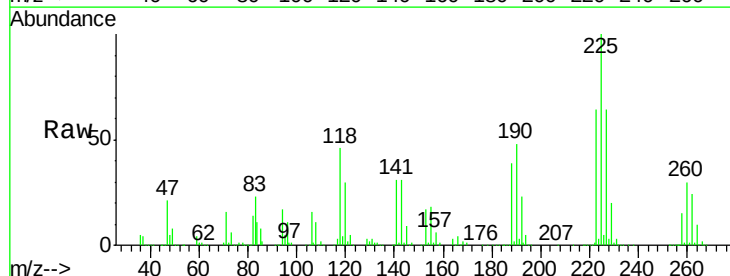
Manual Integrations
 APPROVED

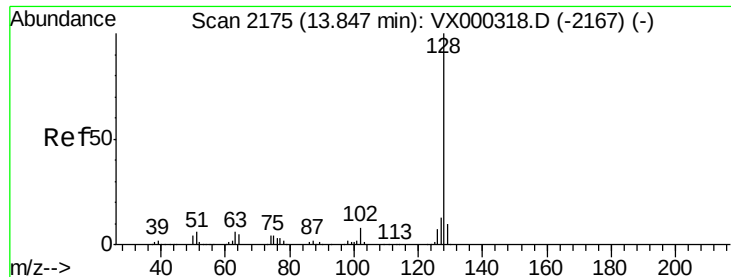
sam
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#94
 Hexachlorobutadiene
 Concen: 81.52 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000320.D
 Acq: 14 Mar 2018 18:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.0	96.0
227	63.3	32.6	98.0





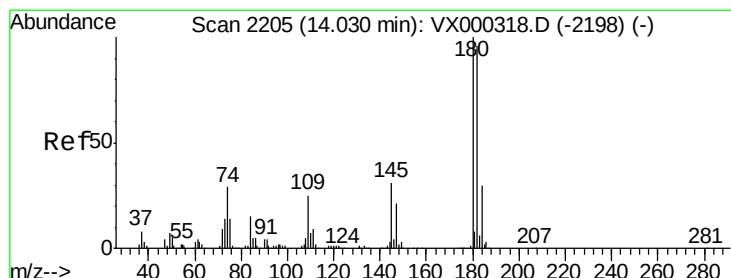
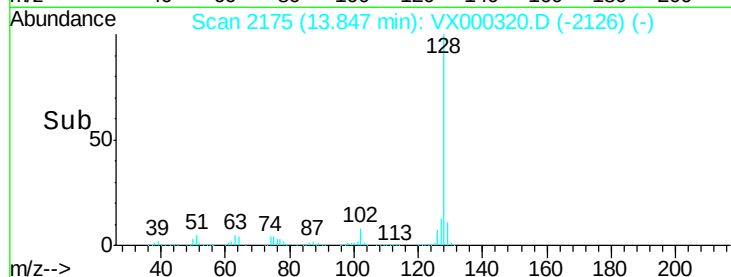
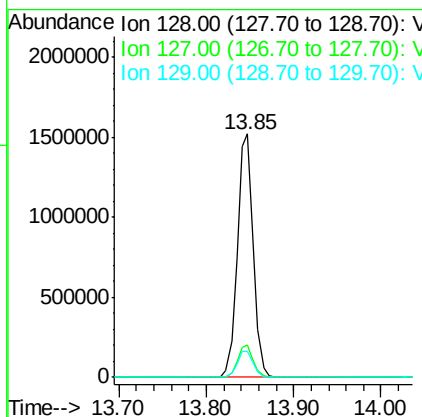
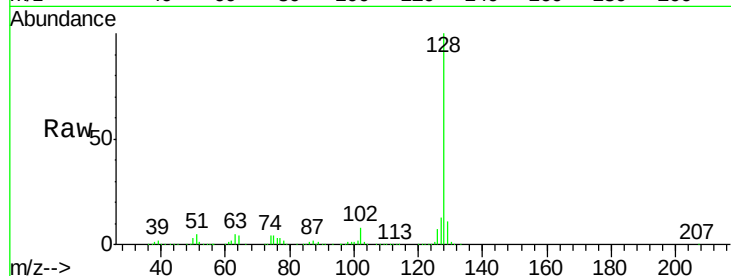
#95
Naphthalene
Concen: 140.71 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.00 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.9	8.9	13.3

Manual Integrations
APPROVED

sam
3/15/2018 3:37:12 PM



#96
1,2,3-Trichlorobenzene
Concen: 118.48 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000320.D
Acq: 14 Mar 2018 18:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.4	142.3
145	31.6	15.8	47.3

