

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005286.D
 Acq On : 12 Oct 2018 10:58
 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

MMDadoda
 10/17/2018 9:04:41 AM

Quant Time: Oct 12 10:19:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 10:54:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	288410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	394031	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.12	117	351617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226550	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	468111	145.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.66%	
35) Dibromofluoromethane	5.49	113	385445	147.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.26%	
50) Toluene-d8	8.72	98	1343944	150.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.00%	
62) 4-Bromofluorobenzene	11.14	95	561107	171.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	342.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	315149	137.872	ug/l	99
3) Chloromethane	1.32	50	474628	144.345	ug/l	90
4) Vinyl Chloride	1.40	62	484406	145.637	ug/l	91
5) Bromomethane	1.64	94	287069	138.051	ug/l	97
6) Chloroethane	1.70	64	234669	114.227	ug/l	94
7) Trichlorofluoromethane	1.91	101	619251	138.384	ug/l	94
8) Diethyl Ether	2.19	74	255832	133.081	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.37	101	357017	138.200	ug/l	98
10) Methyl Iodide	2.50	142	428039	174.082	ug/l	99
11) Tert butyl alcohol	3.12	59	747812	850.378	ug/l	99
12) 1,1-Dichloroethene	2.36	96	370550	146.051	ug/l	96
13) Acrolein	2.29	56	431562	701.470	ug/l	94
14) Allyl chloride	2.72	41	748965	132.410	ug/l	95
15) Acrylonitrile	3.15	53	1443737	697.349	ug/l	100
16) Acetone	2.46	43	1249049	661.645	ug/l	96
17) Carbon Disulfide	2.56	76	1078825	139.311	ug/l	99
18) Methyl Acetate	2.79	43	727151	135.946	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	1251269	138.917	ug/l	96
20) Methylene Chloride	2.85	84	395977	129.066	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	393805	138.950	ug/l #	85
22) Diisopropyl ether	3.88	45	1346603	143.522	ug/l	90
23) Vinyl Acetate	3.82	43	6046174	741.167	ug/l	95
24) 1,1-Dichloroethane	3.69	63	783109	146.045	ug/l	96
25) 2-Butanone	4.72	43	2021326	745.773	ug/l #	85
26) 2,2-Dichloropropane	4.58	77	544727	134.009	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	434878	141.612	ug/l	96
28) Bromochloromethane	5.02	49	323144	129.799	ug/l	91
29) Tetrahydrofuran	5.17	42	1256411	723.048	ug/l	93
30) Chloroform	5.21	83	713889	142.940	ug/l	86
31) Cyclohexane	5.57	56	653868	148.328	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	614634	141.153	ug/l	99
36) 1,1-Dichloropropene	5.79	75	577816	151.699	ug/l	98
37) Ethyl Acetate	4.86	43	690433	138.957	ug/l	99
38) Carbon Tetrachloride	5.77	117	560056	145.296	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	659127	161.654	ug/l	92
40) Benzene	6.13	78	1600568	137.942	ug/l	96
41) Methacrylonitrile	5.07	41	388367	147.140	ug/l	96
42) 1,2-Dichloroethane	6.19	62	548812	133.243	ug/l	96
43) Isopropyl Acetate	6.47	43	999683	153.512	ug/l	97
44) Trichloroethene	7.21	130	434940	129.619	ug/l	91
45) 1,2-Dichloropropane	7.51	63	413690	146.795	ug/l	93
46) Dibromomethane	7.66	93	253446	134.374	ug/l	98
47) Bromodichloromethane	7.90	83	506413	147.272	ug/l	97
48) Methyl methacrylate	7.78	41	543967	162.693	ug/l	93
49) 1,4-Dioxane	7.77	88	258478	3373.748	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	3690074	829.609	ug/l	96
52) Toluene	8.79	92	942833	150.651	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	611915	168.285	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	632142	158.786	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	387231	145.197	ug/l	98
56) Ethyl methacrylate	9.18	69	671521	179.303	ug/l	96
57) 1,3-Dichloropropane	9.37	76	647374	145.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1723852	804.482	ug/l	95
59) 2-Hexanone	9.51	43	3090888	871.831	ug/l	95
60) Dibromochloromethane	9.59	129	439946	162.712	ug/l	100
61) 1,2-Dibromoethane	9.68	107	413870	148.399	ug/l	100
64) Tetrachloroethene	9.34	164	396693	138.321	ug/l	99
65) Chlorobenzene	10.14	112	1091535	145.155	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	410748	154.956	ug/l	99
67) Ethyl Benzene	10.26	91	1890789	156.657	ug/l	98
68) m/p-Xylenes	10.36	106	1474002	314.924	ug/l	96
69) o-Xylene	10.70	106	721660	160.385	ug/l	97
70) Styrene	10.71	104	1246039	170.175	ug/l	97
71) Bromoform	10.86	173	426834	186.466	ug/l	98
73) Isopropylbenzene	11.02	105	1957857	144.483	ug/l	100
74) N-amyl acetate	10.90	43	1083103	170.548	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	751331	147.472	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	644604m	134.821	ug/l	
77) Bromobenzene	11.26	156	549792	141.412	ug/l	99
78) n-propylbenzene	11.36	91	2333319	150.670	ug/l	99
79) 2-Chlorotoluene	11.43	91	1401567	147.209	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	1751876	152.287	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	250137	178.415	ug/l	94
82) 4-Chlorotoluene	11.51	91	1683417	149.544	ug/l	100
83) tert-Butylbenzene	11.77	119	1803165	155.306	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	1820805	154.116	ug/l	98
85) sec-Butylbenzene	11.95	105	2128709	154.849	ug/l	99
86) p-Isopropyltoluene	12.07	119	1957762	158.137	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	1068882	148.258	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	1089386	147.595	ug/l	99
89) n-Butylbenzene	12.39	91	1805104	161.112	ug/l	98
90) Hexachloroethane	12.60	117	348649	164.566	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	1089682	148.081	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	189287	153.302	ug/l	99

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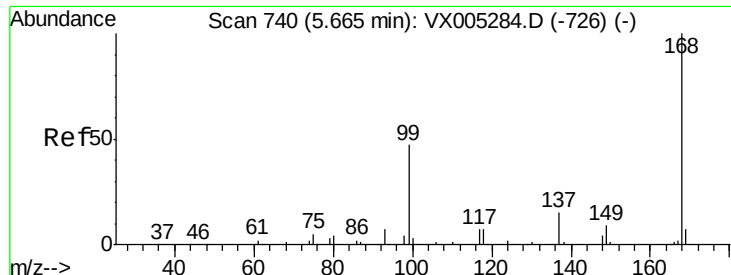
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	841248	157.445	ug/l	99
94) Hexachlorobutadiene	13.79	225	415205	145.137	ug/l	97
95) Naphthalene	13.83	128	2498225	162.036	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	829543	150.588	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:168 Resp: 288410

Ion Ratio Lower Upper

168 100

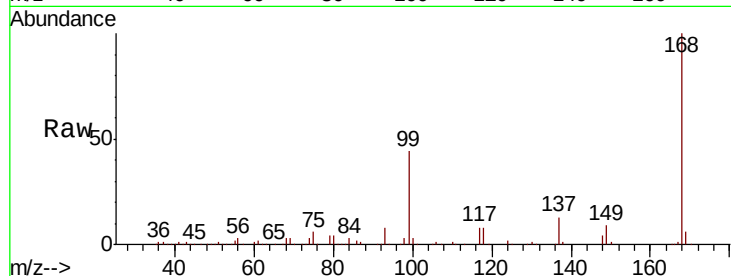
99 43.4 39.9 59.9

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

150000

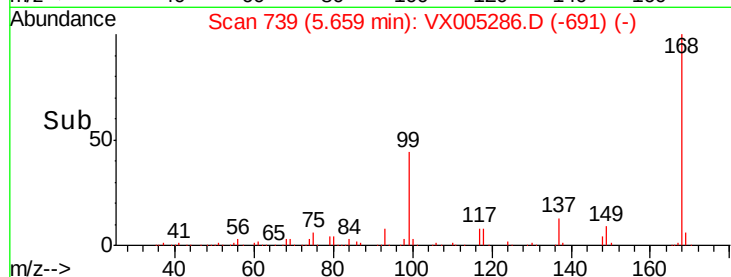
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50000

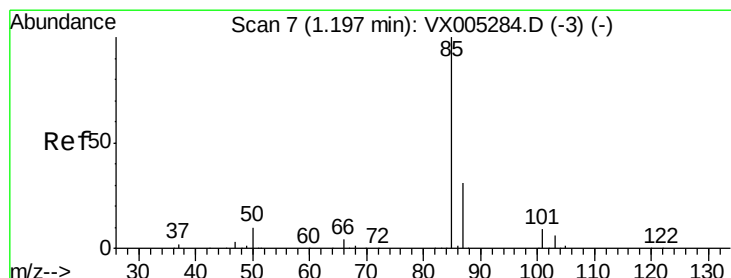
0

5.50 5.60 5.70 5.80

5.66



Time-->



#2

Dichlorodifluoromethane

Concen: 137.872 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX005286.D

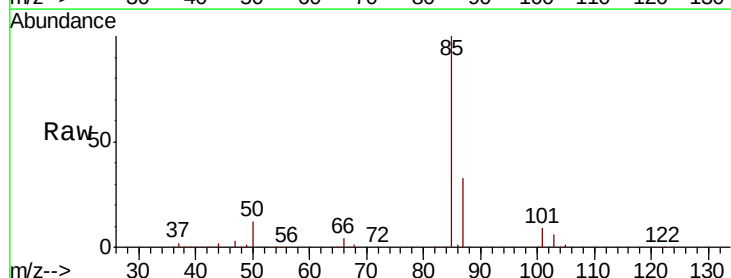
Acq: 12 Oct 2018 10:58

Tgt Ion: 85 Resp: 315149

Ion Ratio Lower Upper

85 100

87 33.5 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

250000

200000

150000

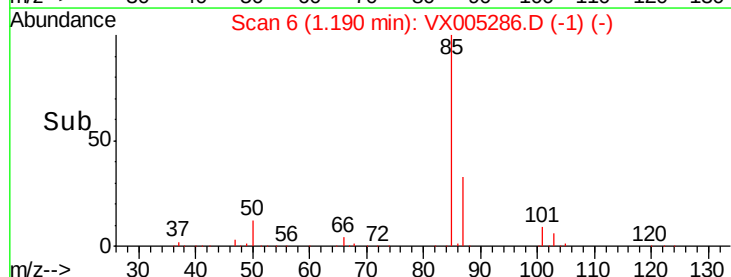
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50000

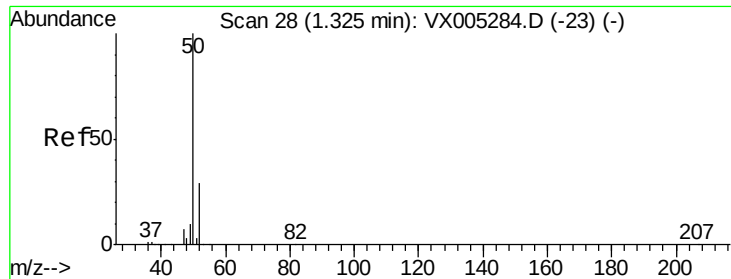
0

1.10 1.20 1.30

1.19



Time-->



#3

Chloromethane

Concen: 144.345 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 50 Resp: 474628

Ion Ratio Lower Upper

50 100

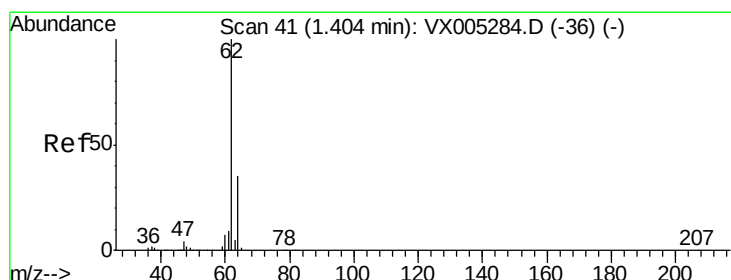
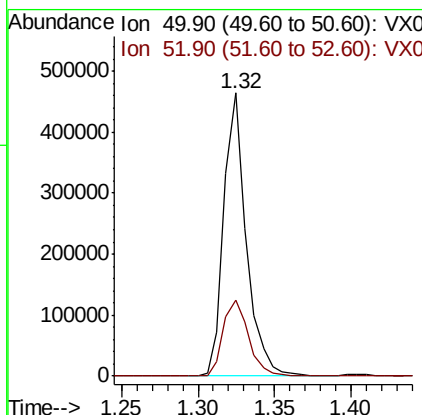
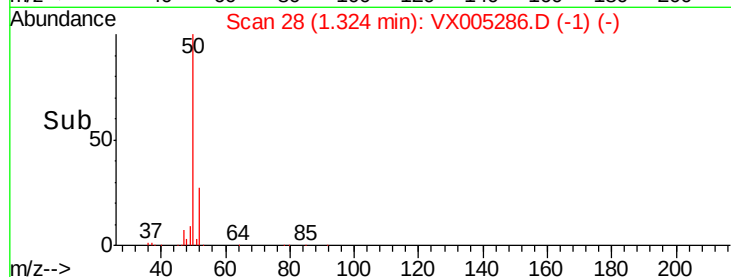
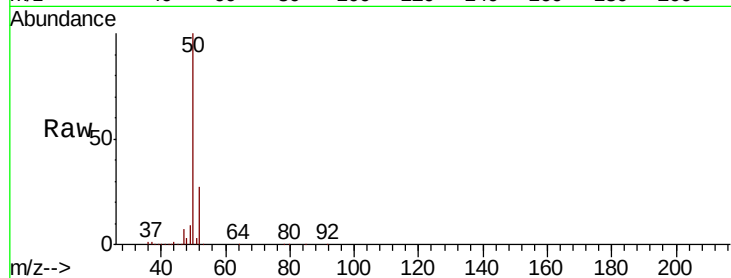
52 26.8 26.2 39.2

Manual Integrations

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10/17/2018 9:04:41 AM



#4

Vinyl Chloride

Concen: 145.637 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005286.D

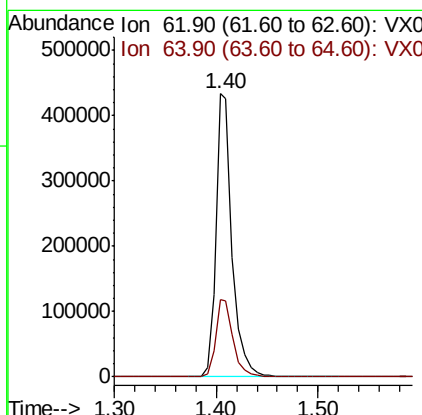
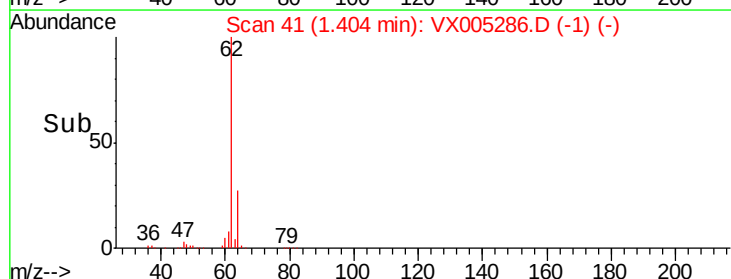
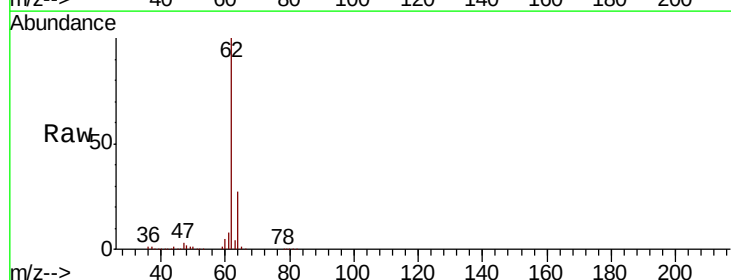
Acq: 12 Oct 2018 10:58

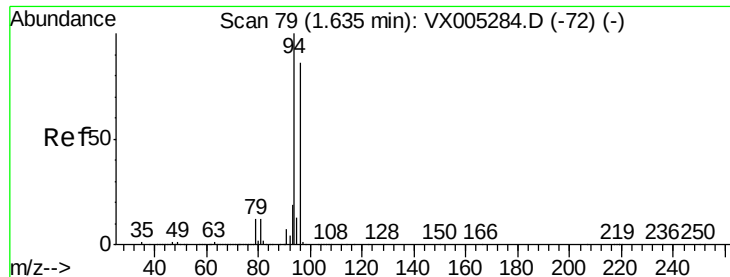
Tgt Ion: 62 Resp: 484406

Ion Ratio Lower Upper

62 100

64 27.2 25.8 38.8





#5

Bromomethane

Concen: 138.051 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 94 Resp: 287069

Ion Ratio Lower Upper

94 100

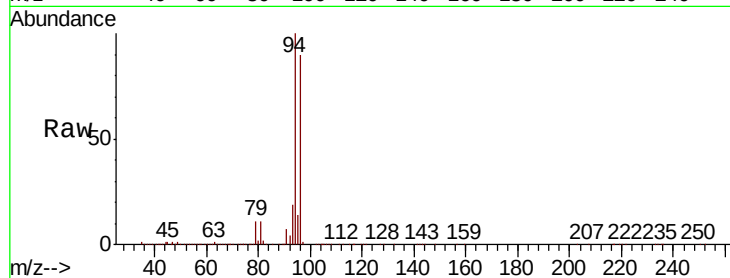
96 90.1 74.5 111.7

Manual Integrations

APPROVED

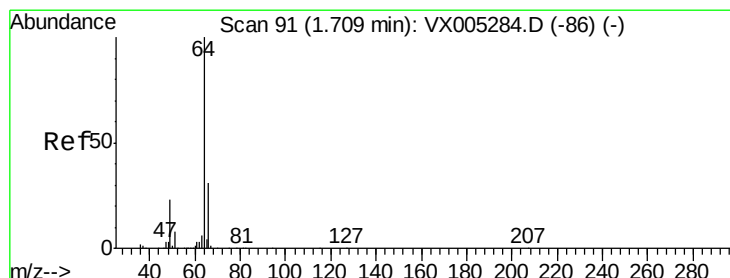
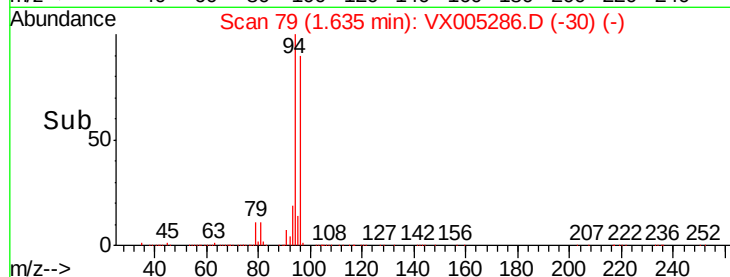
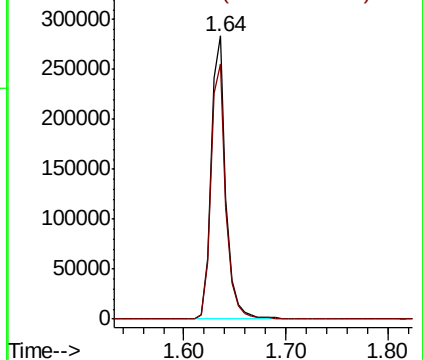
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 114.227 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX005286.D

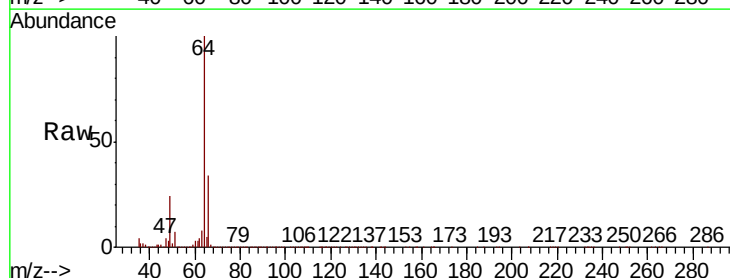
Acq: 12 Oct 2018 10:58

Tgt Ion: 64 Resp: 234669

Ion Ratio Lower Upper

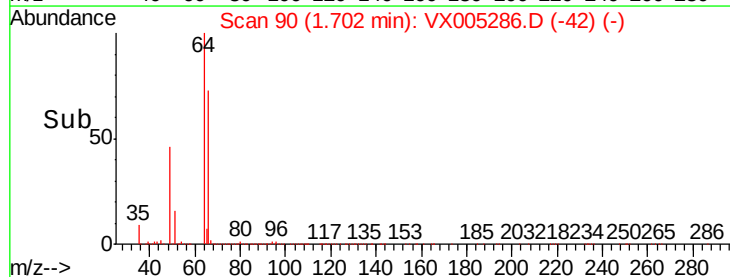
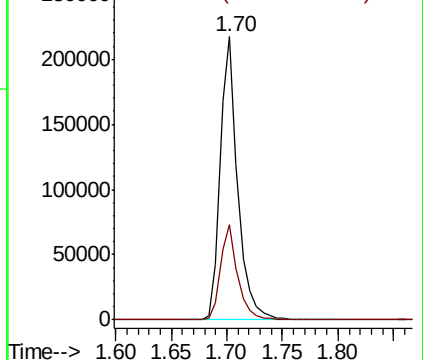
64 100

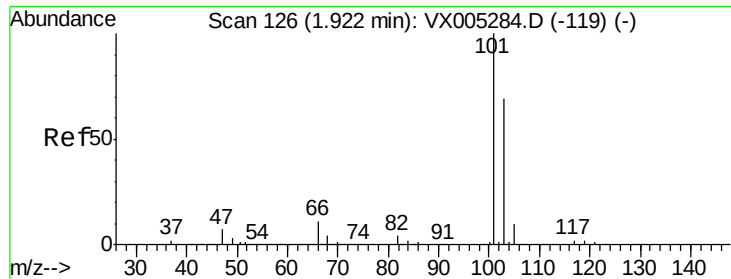
66 33.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

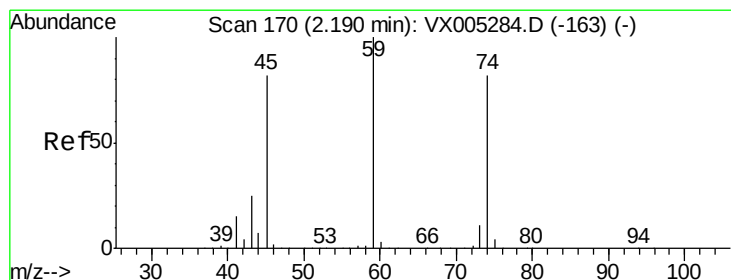
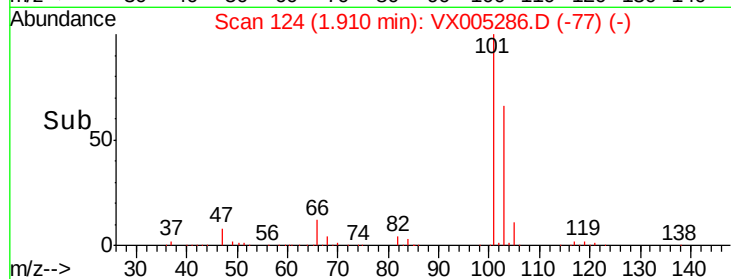
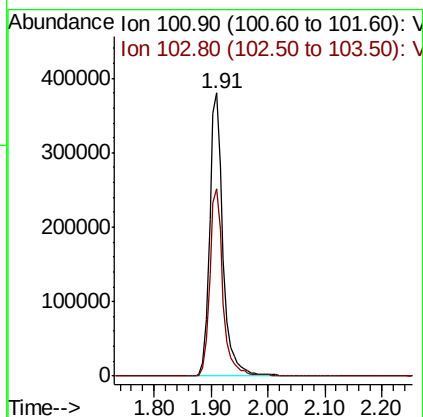
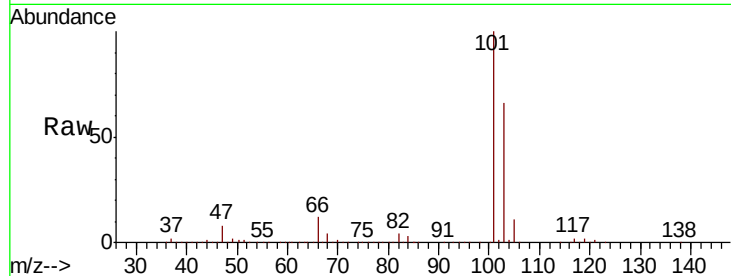
Trichlorofluoromethane
Concen: 138.384 ug/l
RT: 1.91 min Scan# 124
Delta R.T. -0.01 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 101 Resp: 619251
Ion Ratio Lower Upper
101 100
103 66.0 48.9 73.3

Manual Integrations
APPROVED

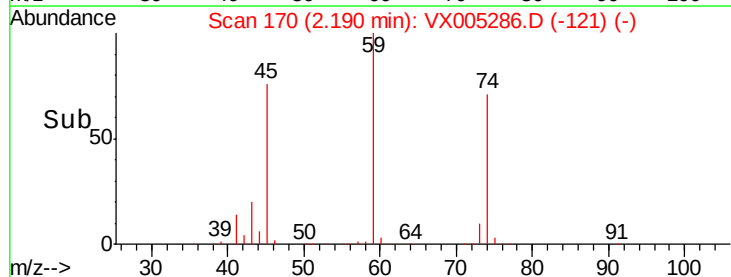
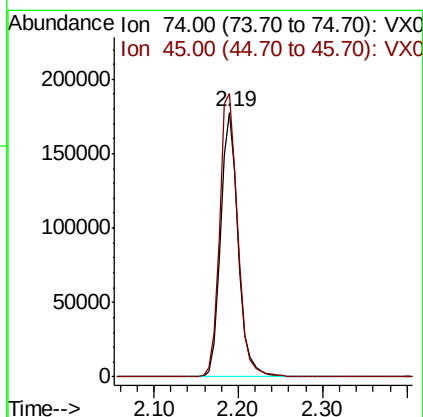
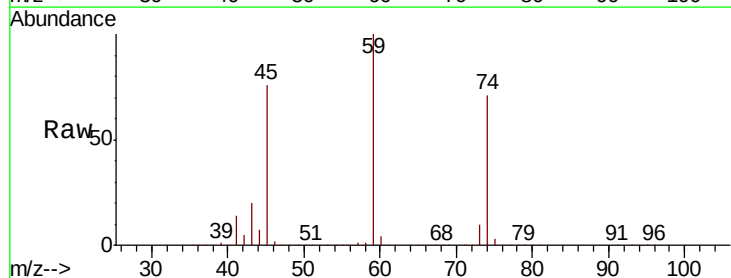
MMDadoda
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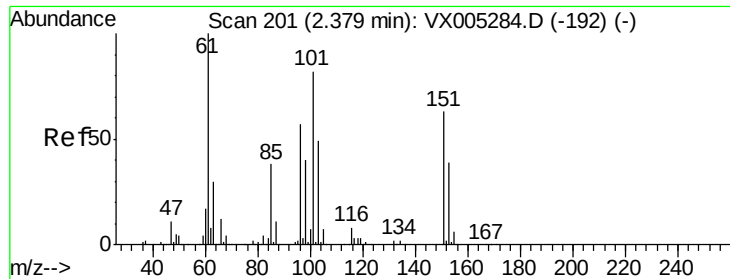


#8

Diethyl Ether
Concen: 133.081 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Tgt Ion: 74 Resp: 255832
Ion Ratio Lower Upper
74 100
45 110.3 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 138.200 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Instrument :

MSVOA_X

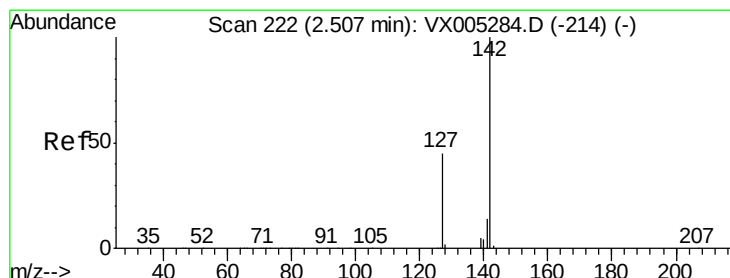
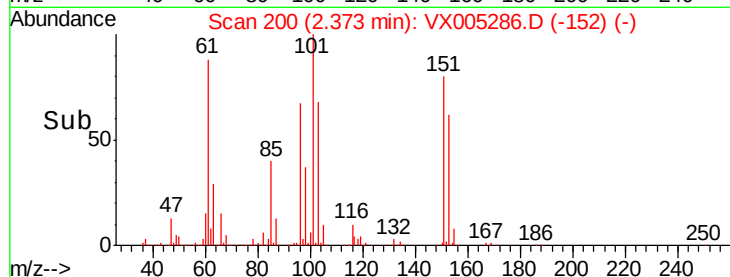
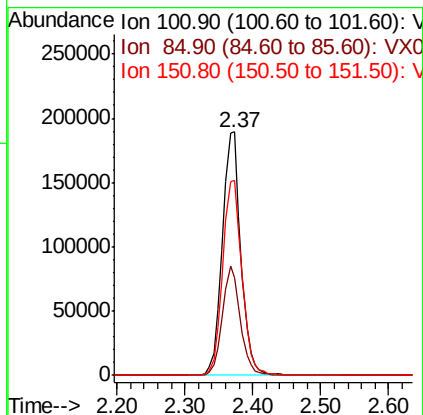
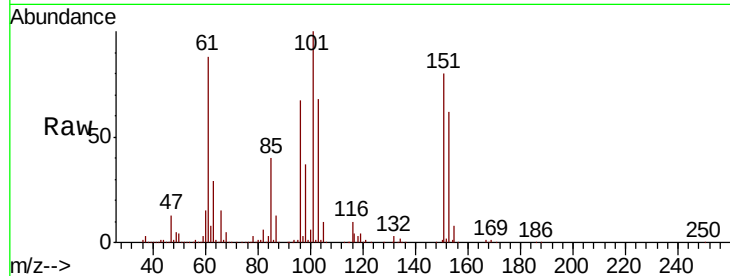
ClientSampled :

VSTDIC150

Tgt Ion:	101	Resp:	357017
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.2	51.4
151	83.4	65.0	97.6

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#10

Methyl Iodide

Concen: 174.082 ug/l

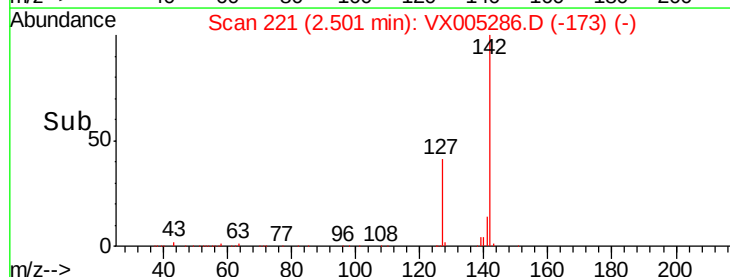
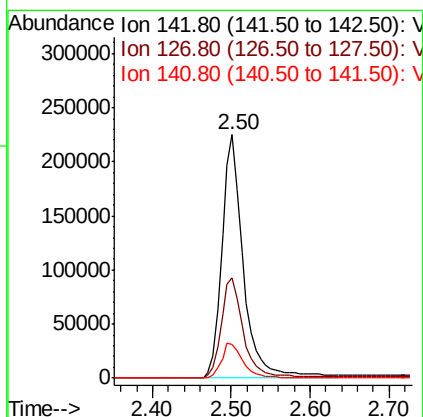
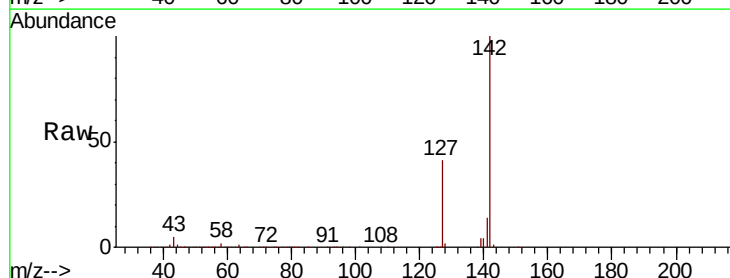
RT: 2.50 min Scan# 221

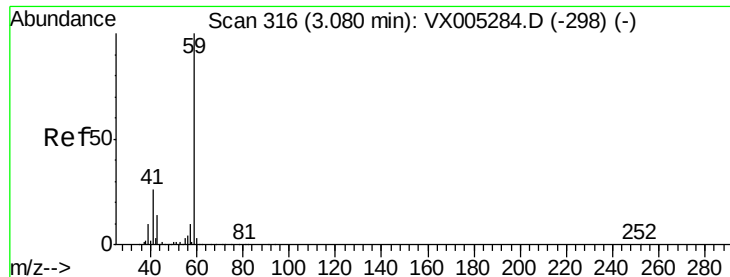
Delta R.T. -0.01 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Tgt Ion:	142	Resp:	428039
Ion Ratio	Lower	Upper	
142	100		
127	43.0	33.8	50.6
141	14.6	11.4	17.0





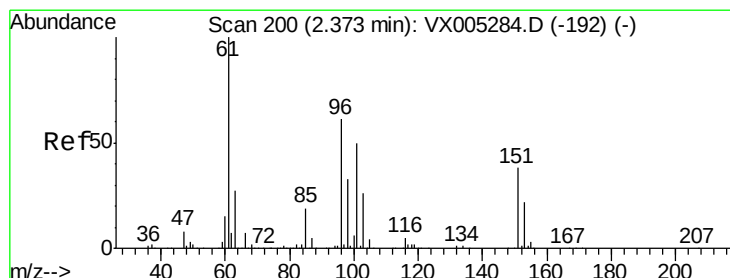
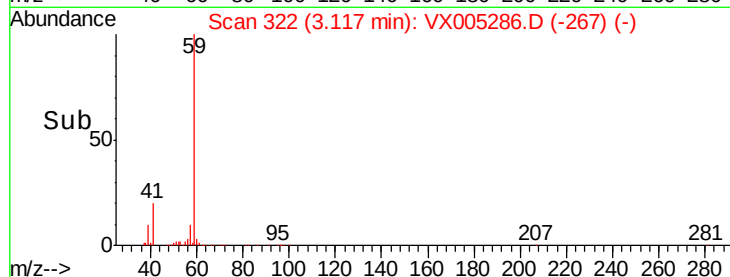
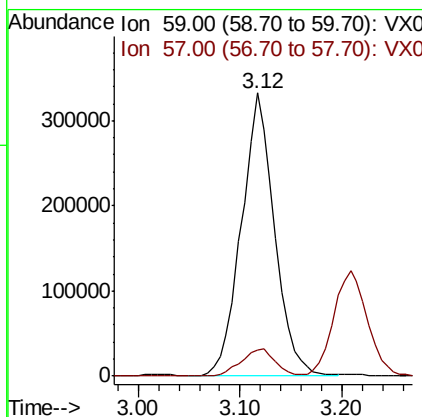
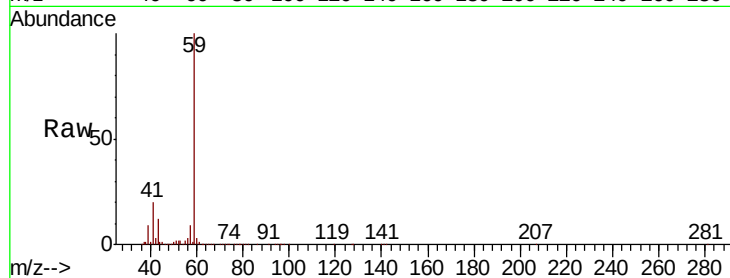
#11
Tert butyl alcohol
Concen: 850.378 ug/l
RT: 3.12 min Scan# 322
Delta R.T. 0.04 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 747812
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

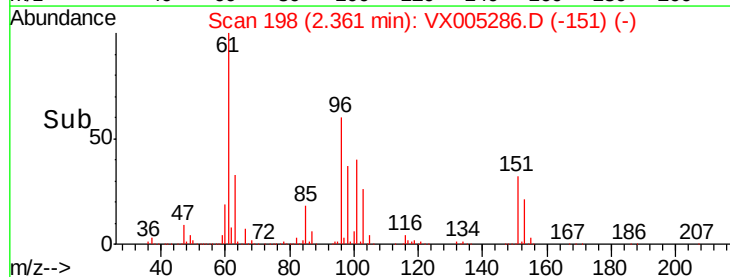
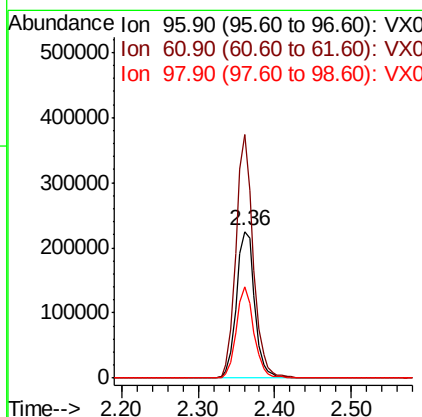
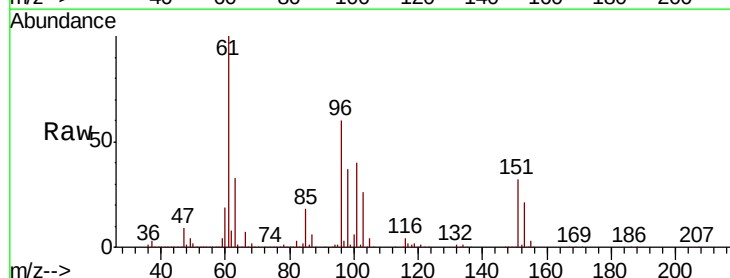
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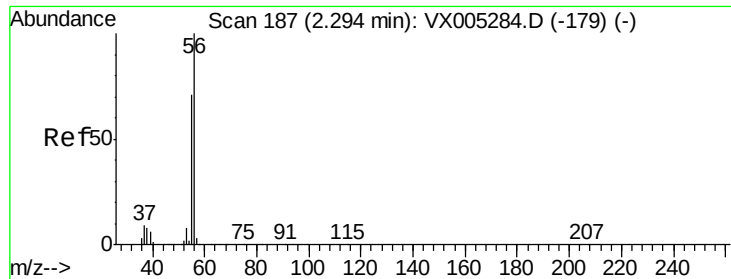
MMDadoda
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#12
1,1-Dichloroethene
Concen: 146.051 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Tgt Ion: 96 Resp: 370550
Ion Ratio Lower Upper
96 100
61 166.5 128.8 193.2
98 62.2 52.2 78.2





#13

Acrolein

Concen: 701.470 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 56 Resp: 431562

Ion Ratio Lower Upper

56 100

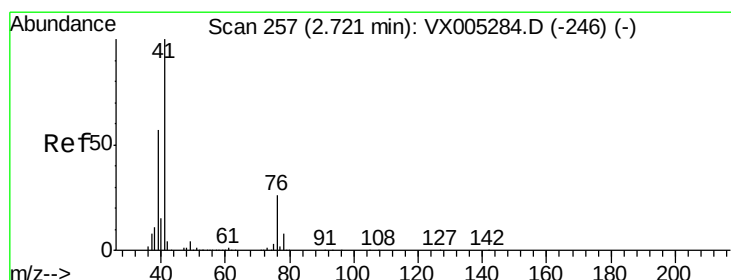
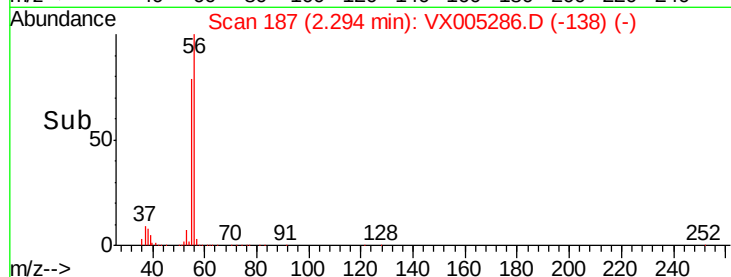
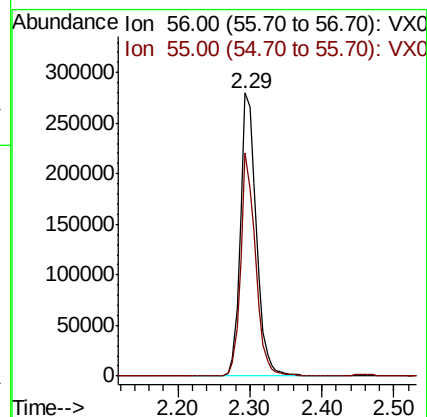
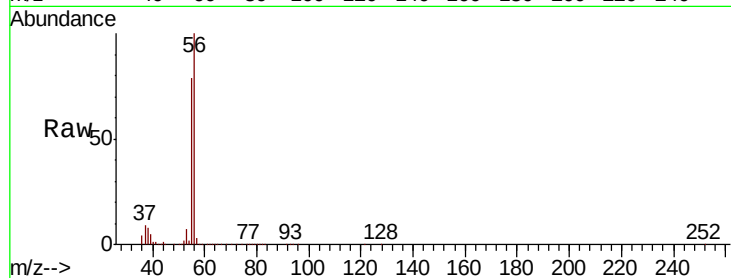
55 73.3 54.7 82.1

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 132.410 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

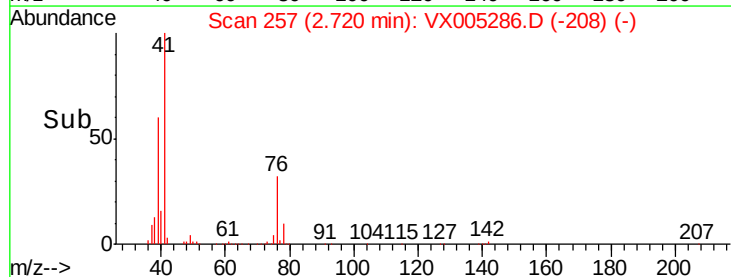
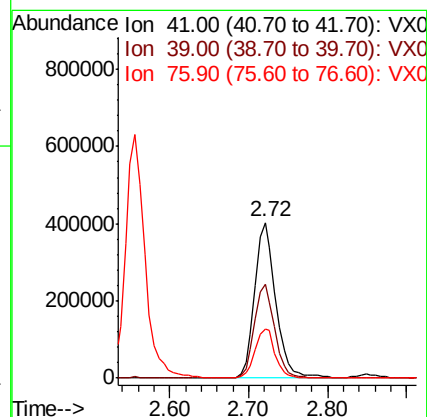
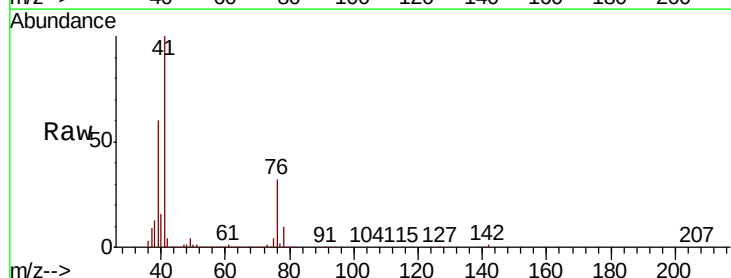
Tgt Ion: 41 Resp: 748965

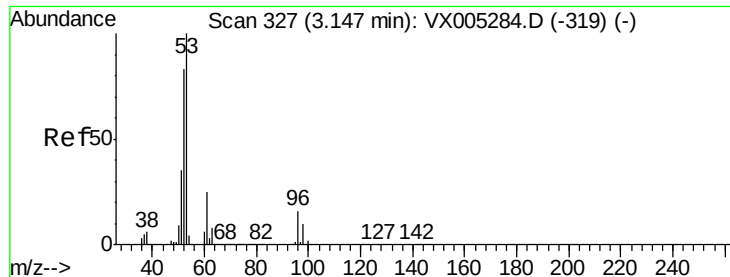
Ion Ratio Lower Upper

41 100

39 58.0 48.9 73.3

76 30.2 26.7 40.1





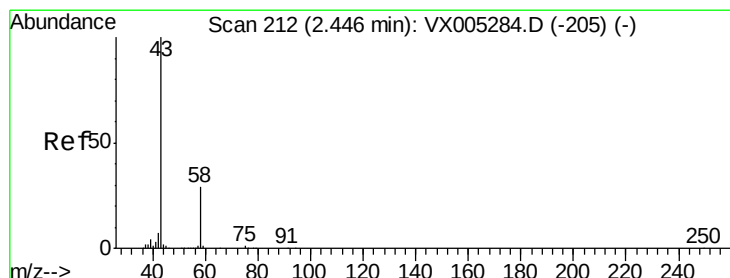
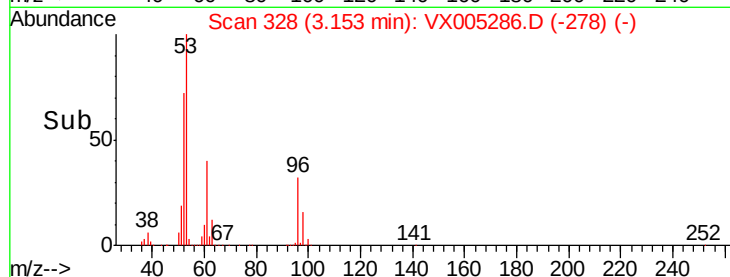
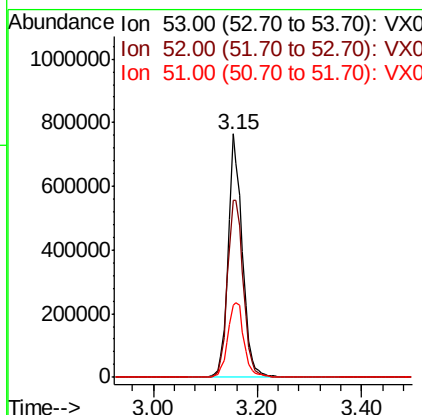
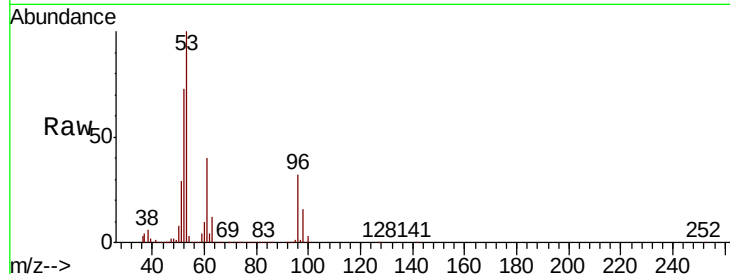
#15
Acrylonitrile
Concen: 697.349 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 53 Resp: 1443737
Ion Ratio Lower Upper
53 100
52 81.8 65.2 97.8
51 35.6 28.2 42.2

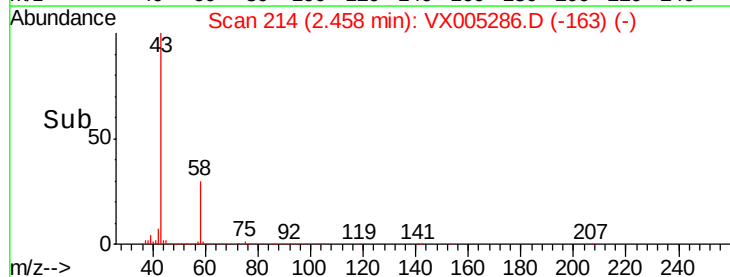
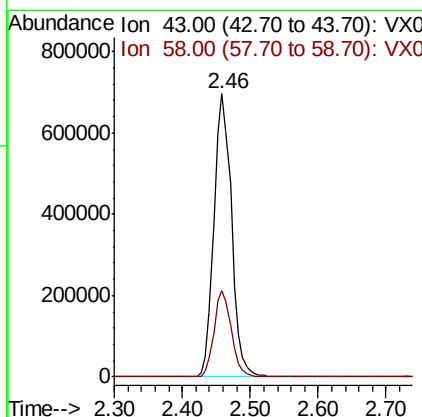
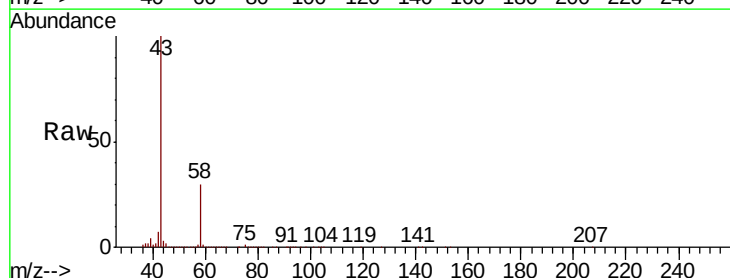
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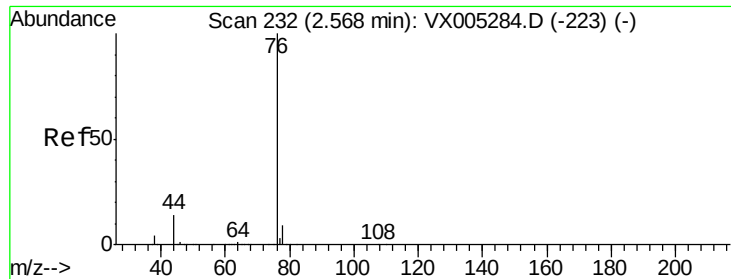
MMDadoda
10/17/2018 9:04:41 AM



#16
Acetone
Concen: 661.645 ug/l
RT: 2.46 min Scan# 214
Delta R.T. 0.01 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Tgt Ion: 43 Resp: 1249049
Ion Ratio Lower Upper
43 100
58 30.4 26.2 39.4





#17

Carbon Disulfide

Concen: 139.311 ug/l

RT: 2.56 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 1078825

Ion Ratio Lower Upper

76 100

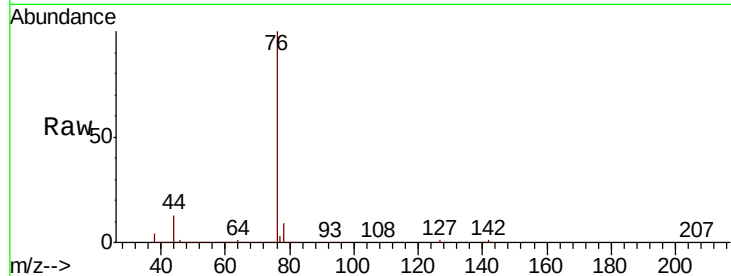
78 9.2 7.0 10.6

Manual Integrations

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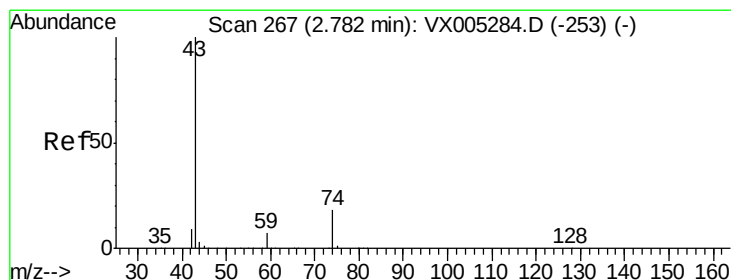
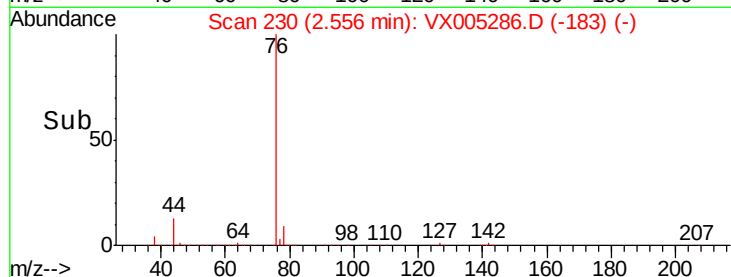
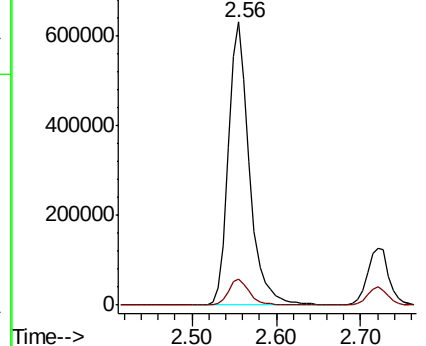
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 135.946 ug/l

RT: 2.79 min Scan# 268

Delta R.T. 0.01 min

Lab File: VX005286.D

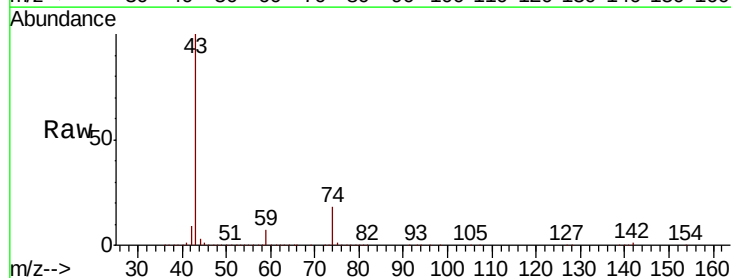
Acq: 12 Oct 2018 10:58

Tgt Ion: 43 Resp: 727151

Ion Ratio Lower Upper

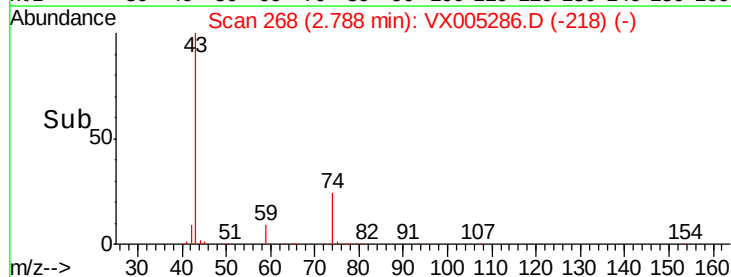
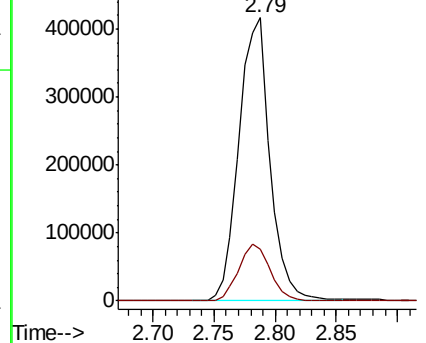
43 100

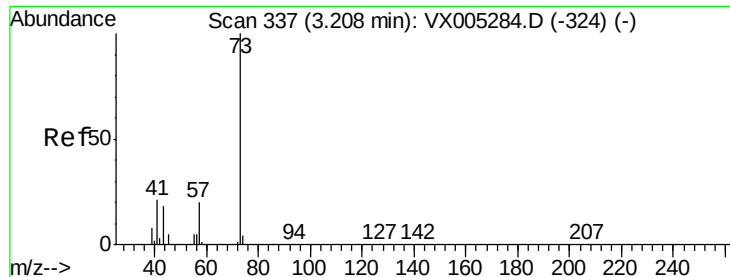
74 20.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

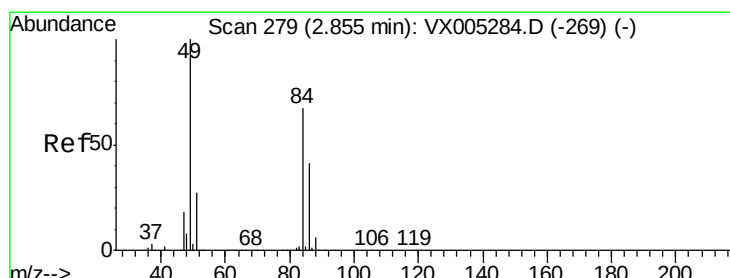
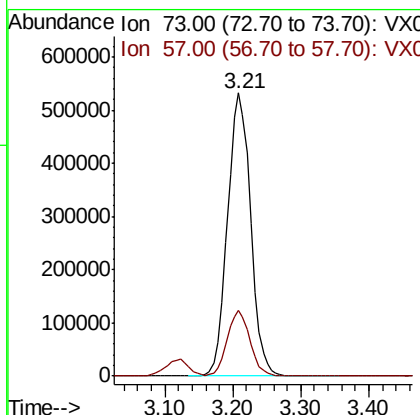
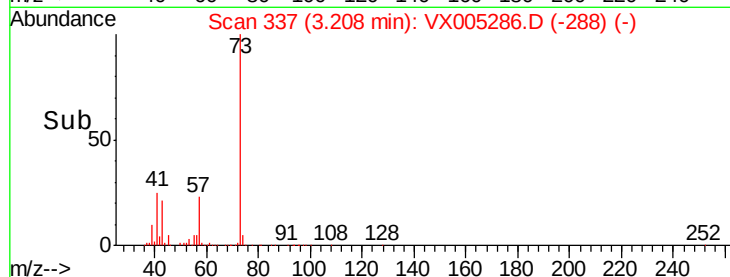
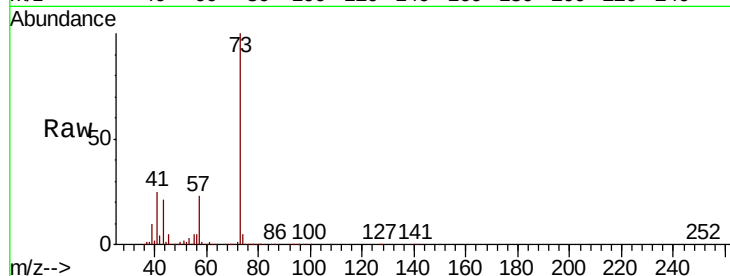
Methyl tert-butyl Ether
Concen: 138.917 ug/l
RT: 3.21 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 1251269
Ion Ratio Lower Upper
73 100
57 23.4 17.1 25.7

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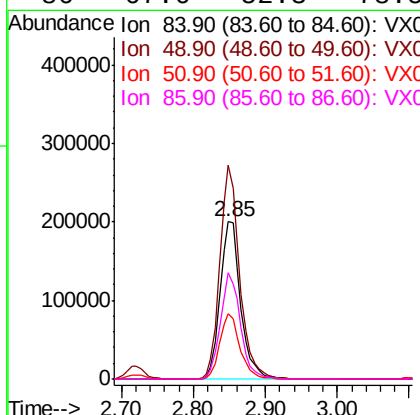
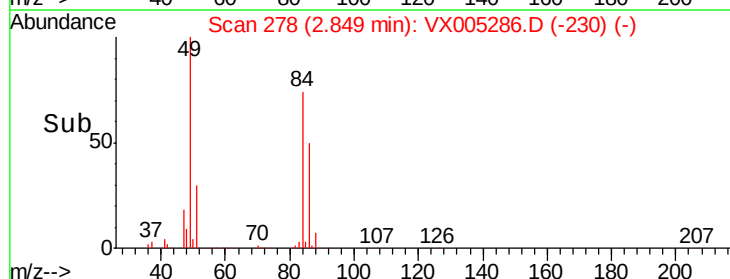
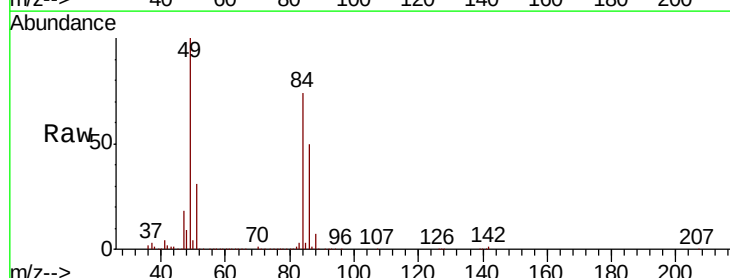
MMDadoda
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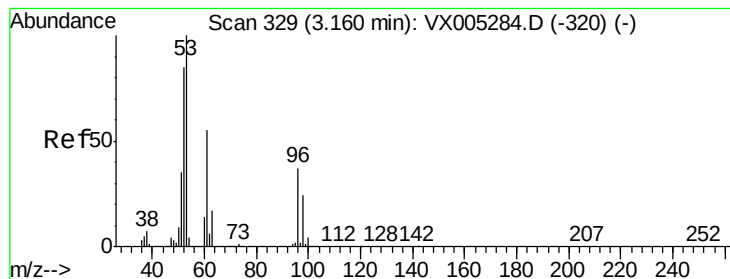


#20

Methylene Chloride
Concen: 129.066 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Tgt Ion: 84 Resp: 395977
Ion Ratio Lower Upper
84 100
49 135.7 101.2 151.8
51 41.4 29.5 44.3
86 67.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 138.950 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 393805
Ion Ratio Lower Upper

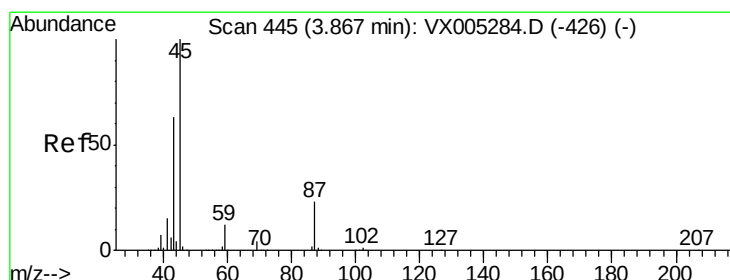
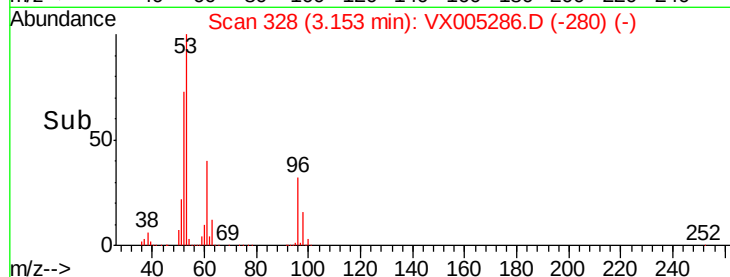
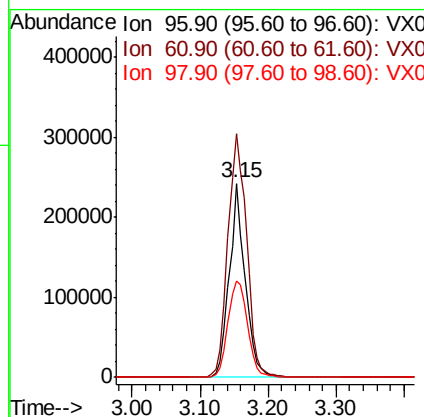
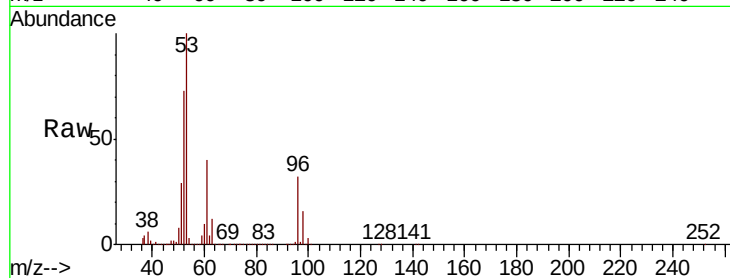
96 100

61 125.3 113.8 170.6

98 49.7 51.8 77.8#

Manual Integrations
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#22

Diisopropyl ether

Concen: 143.522 ug/l

RT: 3.88 min Scan# 448

Delta R.T. 0.02 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

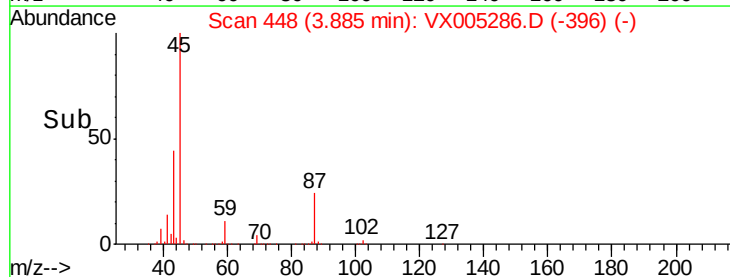
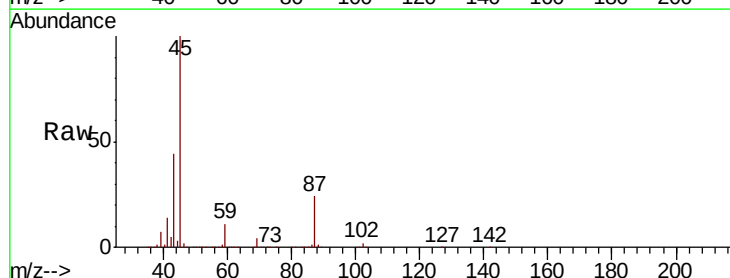
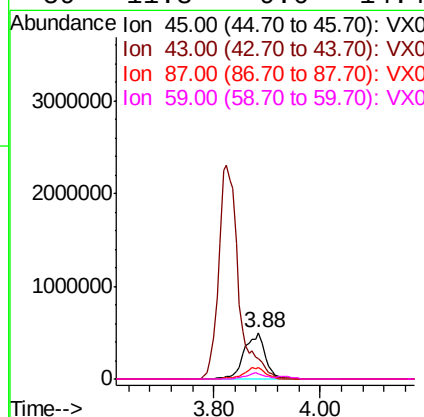
Tgt Ion: 45 Resp: 1346603
Ion Ratio Lower Upper

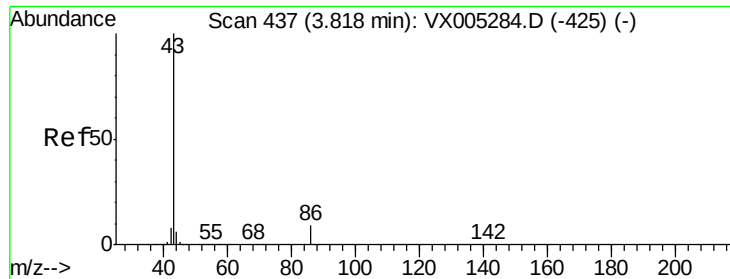
45 100

43 44.1 42.8 64.2

87 24.2 22.6 34.0

59 11.3 9.6 14.4





#23

Vinyl Acetate

Concen: 741.167 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 6046174

Ion Ratio Lower Upper

43 100

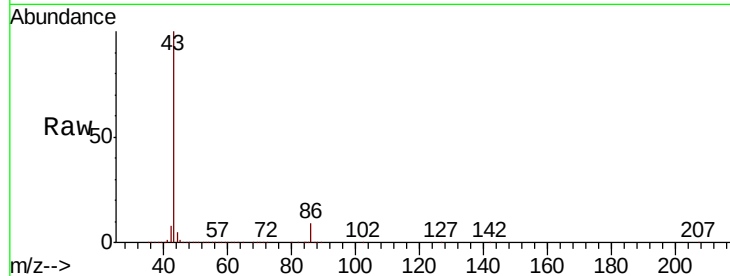
86 9.1 8.9 13.3

Manual Integrations

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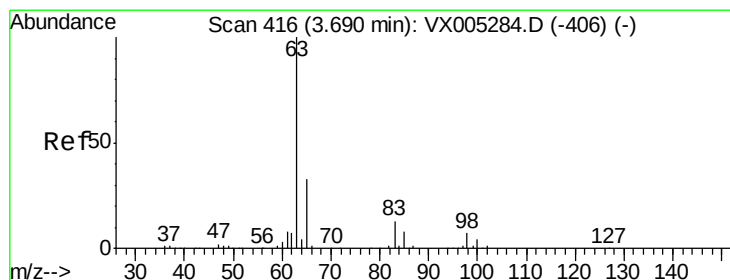
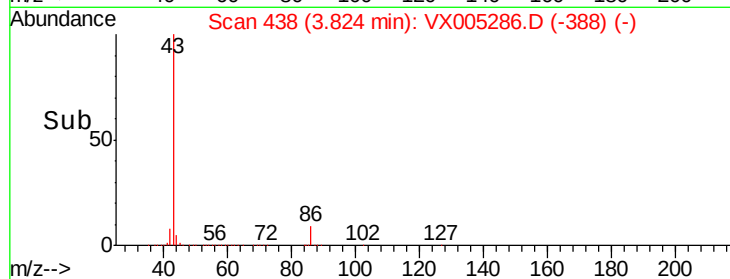
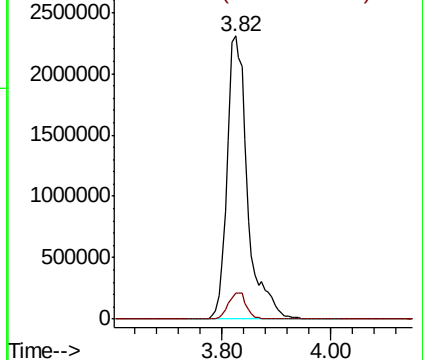
MMDadoda

10/17/2018 9:04:41 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 146.045 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

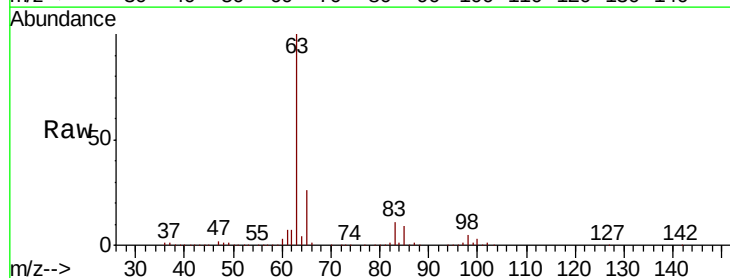
Tgt Ion: 63 Resp: 783109

Ion Ratio Lower Upper

63 100

98 5.2 3.5 10.4

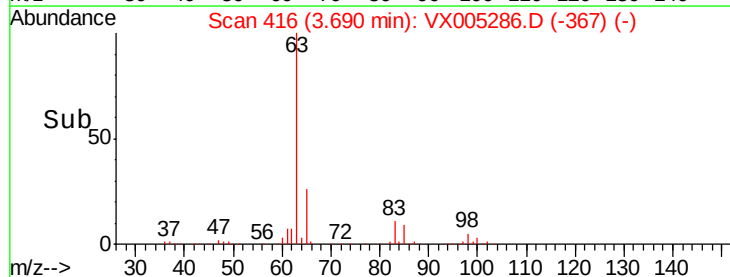
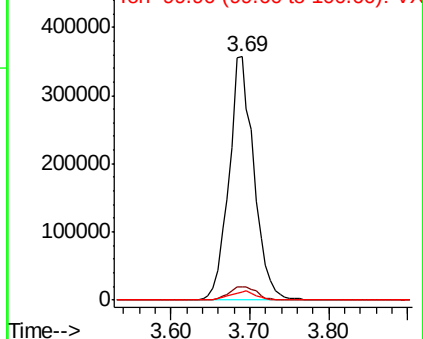
100 3.5 2.4 7.1

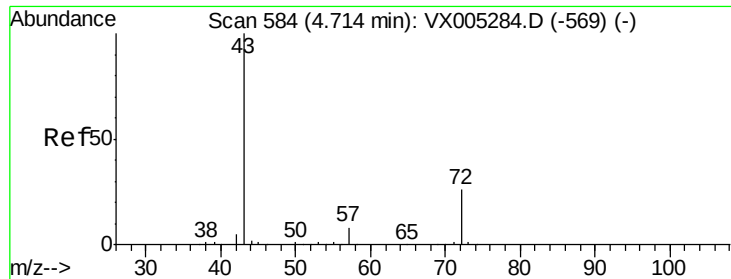


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 745.773 ug/l

RT: 4.72 min Scan# 585

Delta R.T. 0.01 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 2021326

Ion Ratio Lower Upper

43 100

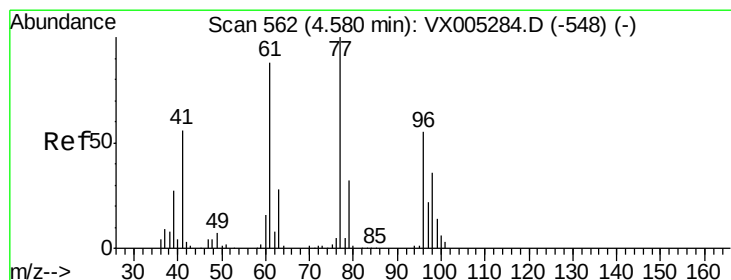
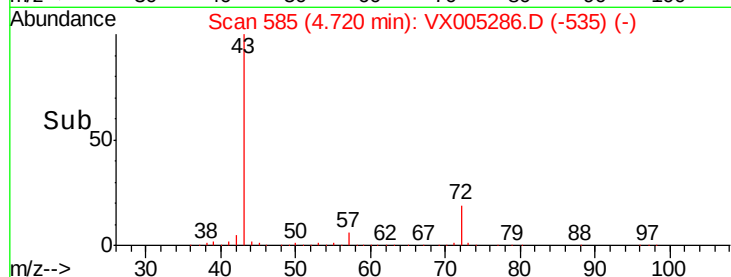
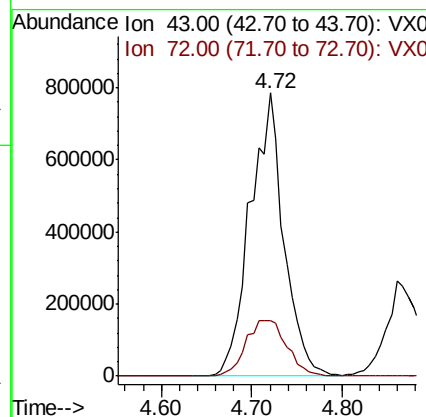
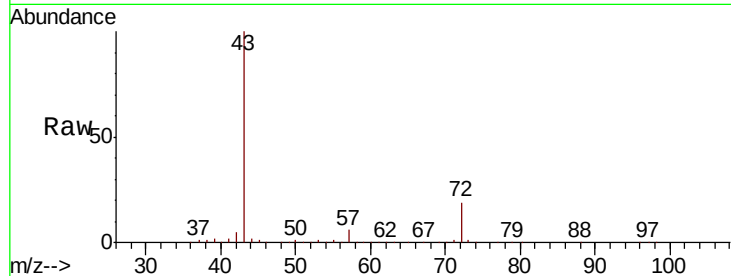
72 19.4 22.0 33.0#

Manual Integrations

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10/17/2018 9:04:41 AM



#26

2,2-Dichloropropane

Concen: 134.009 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005286.D

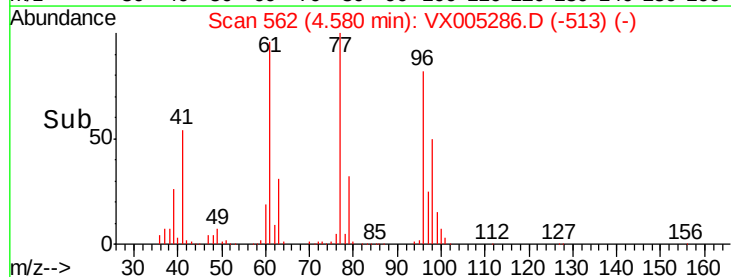
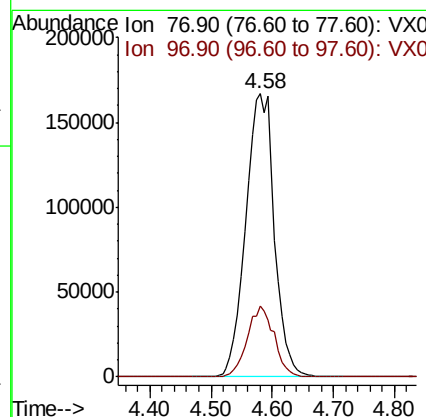
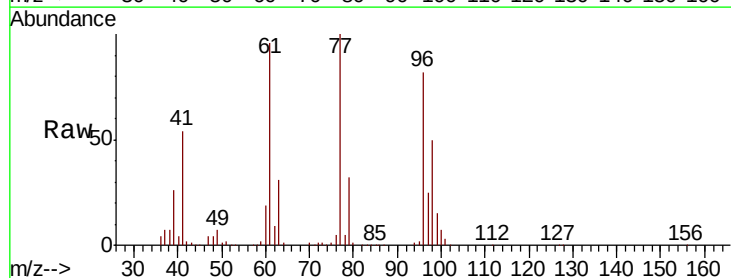
Acq: 12 Oct 2018 10:58

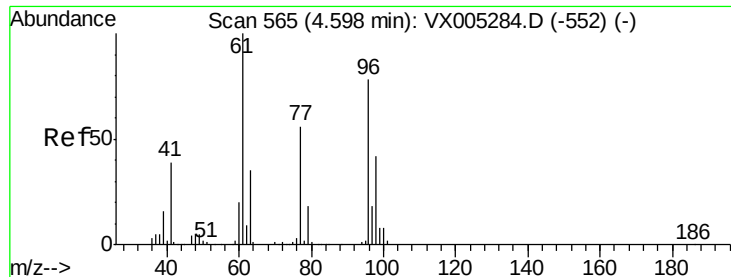
Tgt Ion: 77 Resp: 544727

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.0





#27

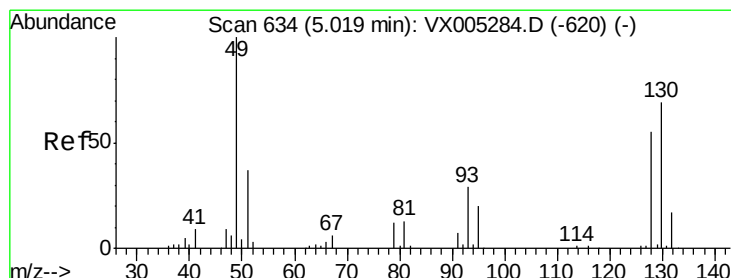
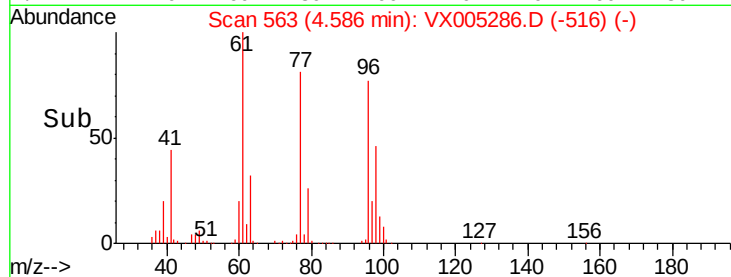
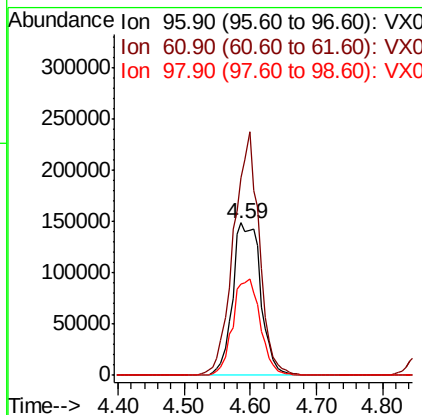
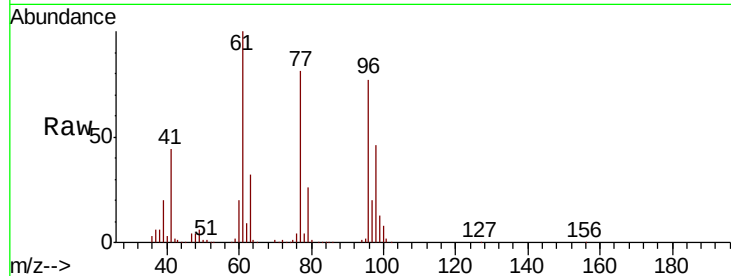
cis-1,2-Dichloroethene
Concen: 141.612 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.01 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	434878		
61	146.3	0.0	282.6	
98	62.3	0.0	130.2	

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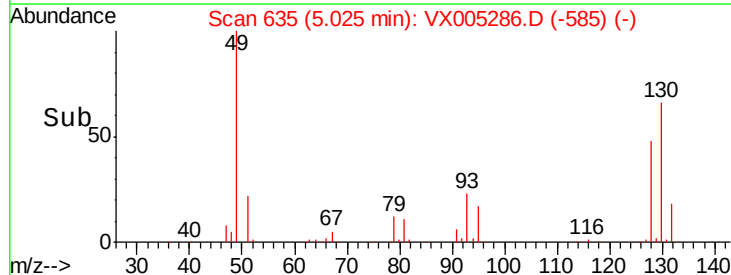
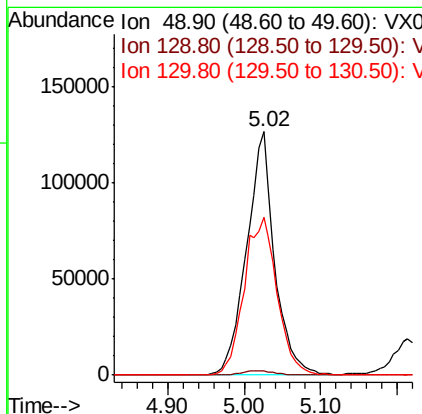
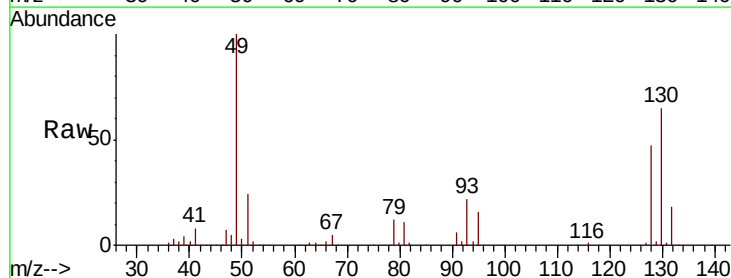
MMDadoda
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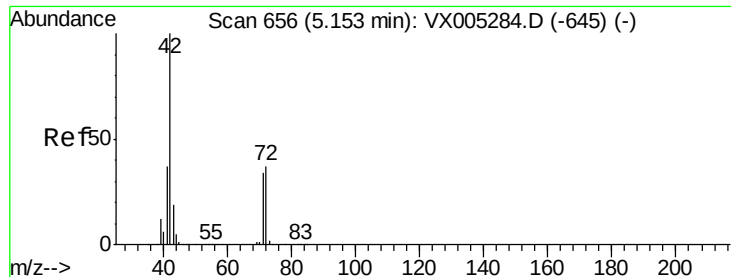


#28

Bromochloromethane
Concen: 129.799 ug/l
RT: 5.02 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	323144		
129	2.0	0.0	4.2	
130	76.0	67.5	101.3	





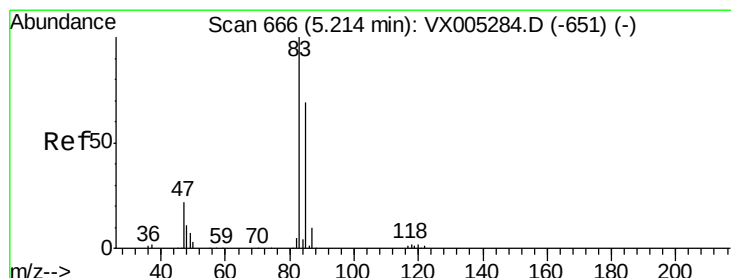
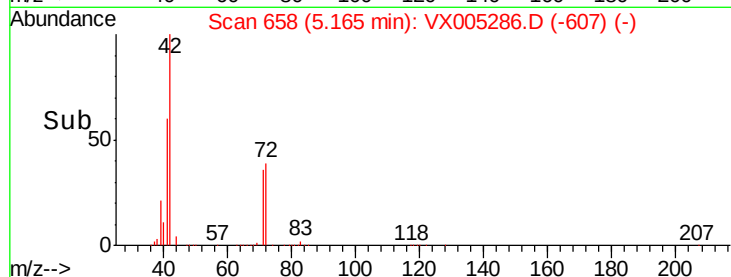
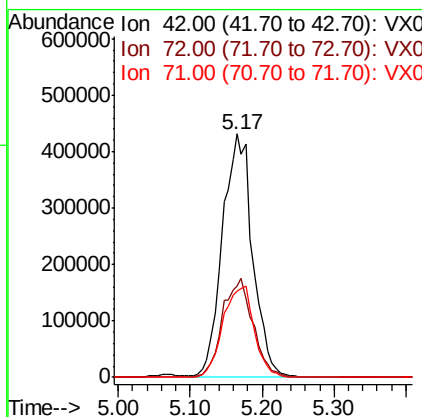
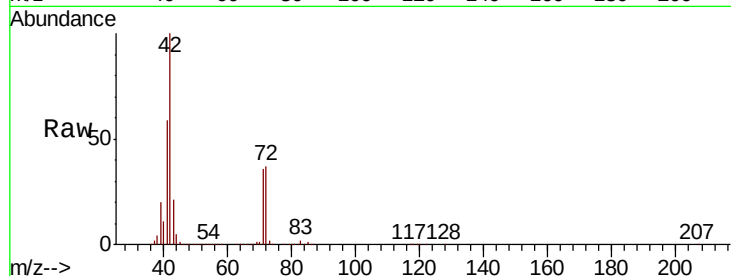
#29
Tetrahydrofuran
Concen: 723.048 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 1256411
Ion Ratio Lower Upper
42 100
72 41.1 37.4 56.0
71 38.9 34.5 51.7

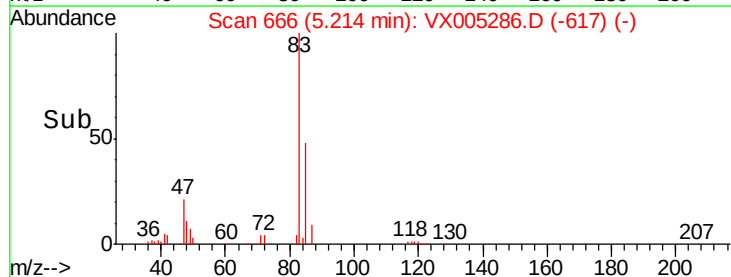
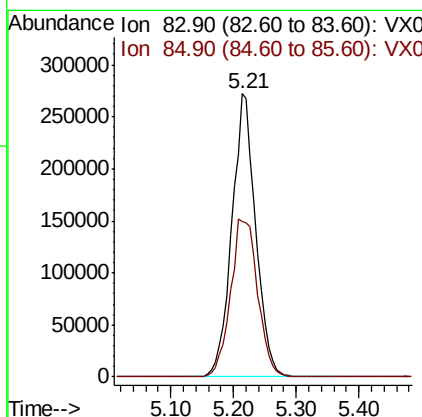
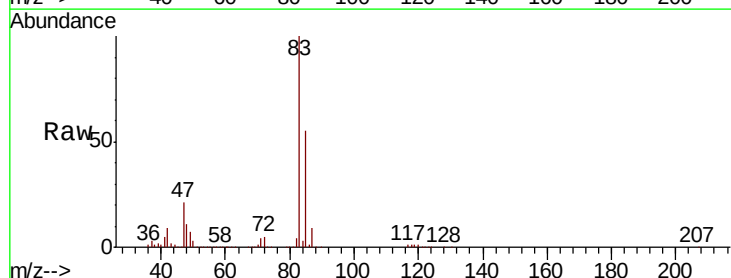
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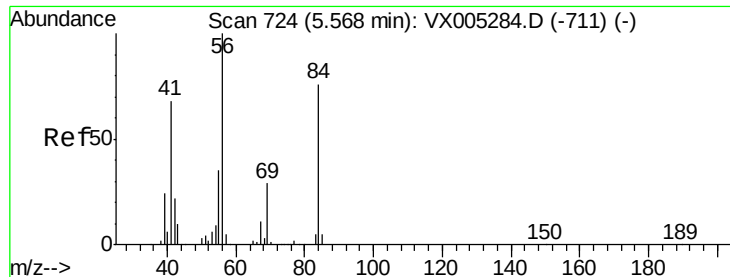
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10/17/2018 9:04:41 AM



#30
Chloroform
Concen: 142.940 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Tgt Ion: 83 Resp: 713889
Ion Ratio Lower Upper
83 100
85 54.9 52.6 79.0





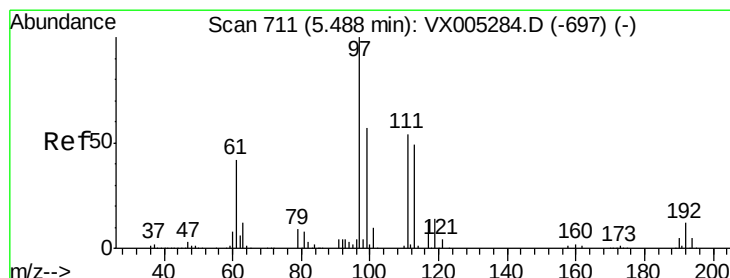
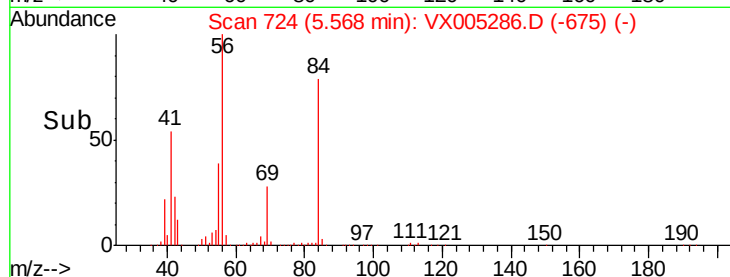
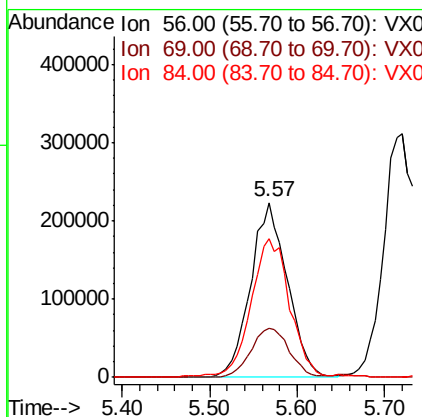
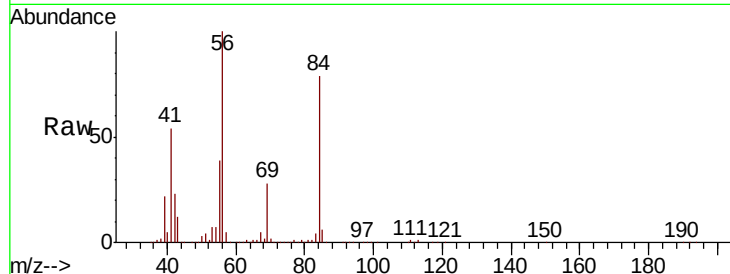
#31
Cyclohexane
Concen: 148.328 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.00 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.4	25.4	38.2
84	78.3	71.4	107.2

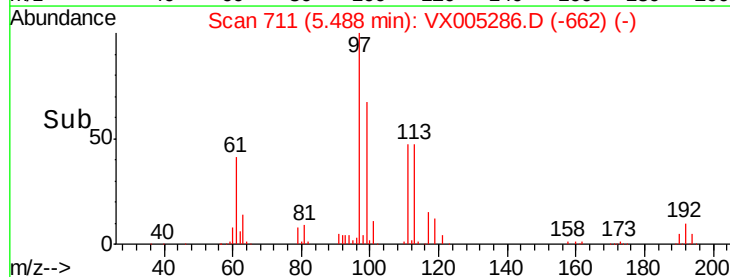
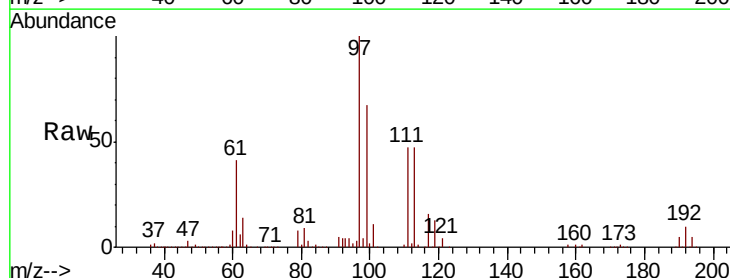
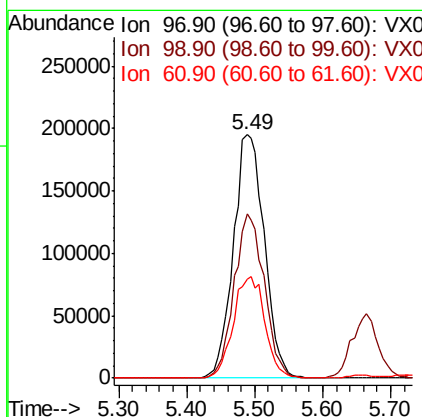
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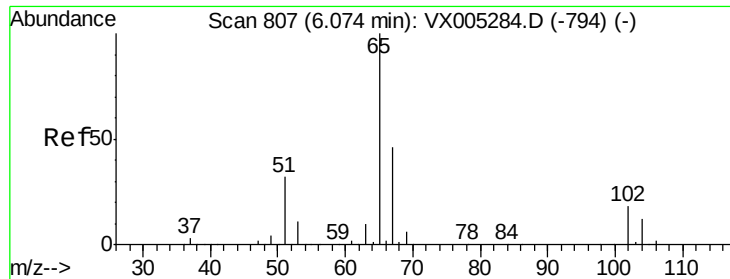
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 141.153 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.00 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.9	52.0	78.0
61	42.5	34.9	52.3





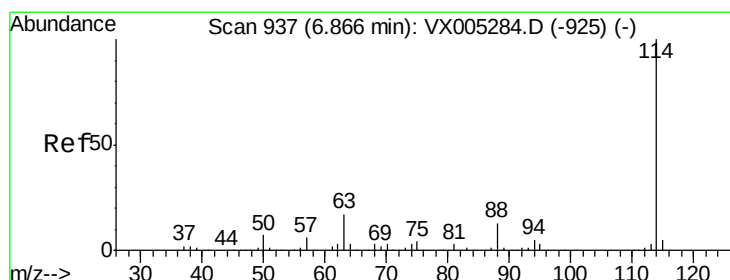
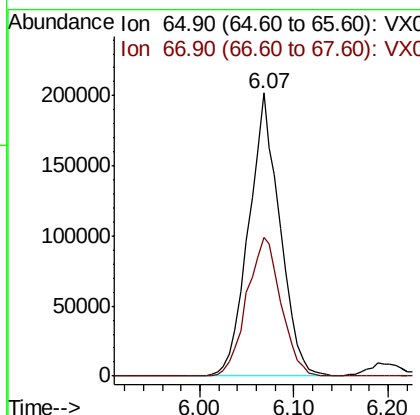
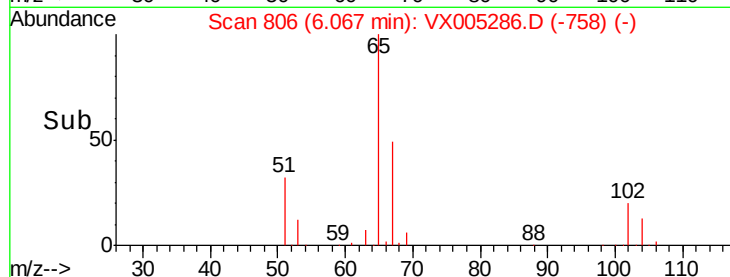
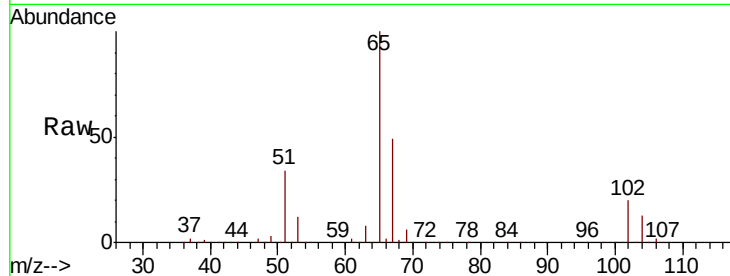
#33
 1,2-Dichloroethane-d4
 Concen: 145.333 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX005286.D
 Acq: 12 Oct 2018 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 65 Resp: 468111
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.8

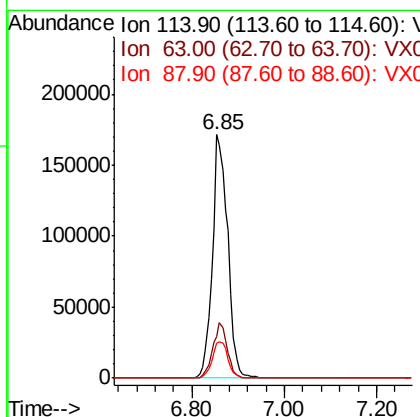
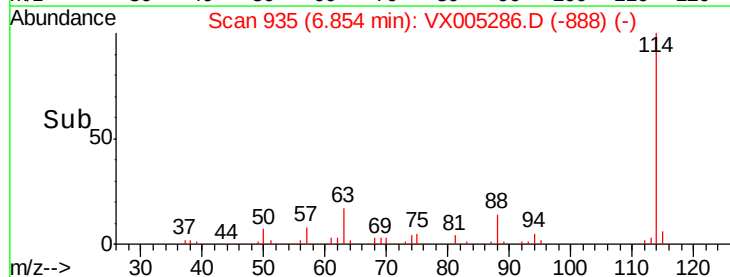
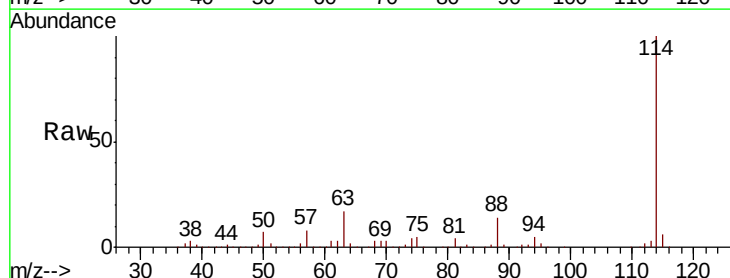
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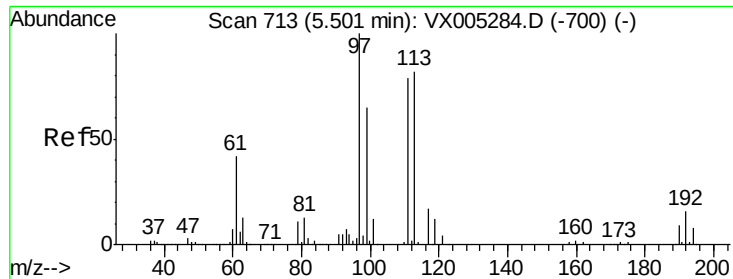
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX005286.D
 Acq: 12 Oct 2018 10:58

Tgt Ion: 114 Resp: 394031
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 39.0
 88 14.3 0.0 30.4





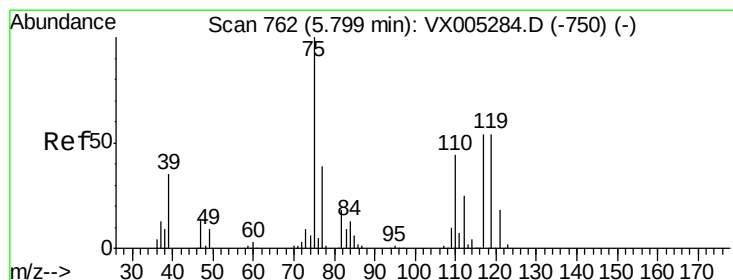
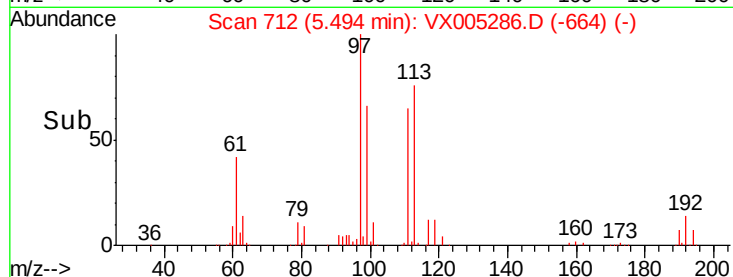
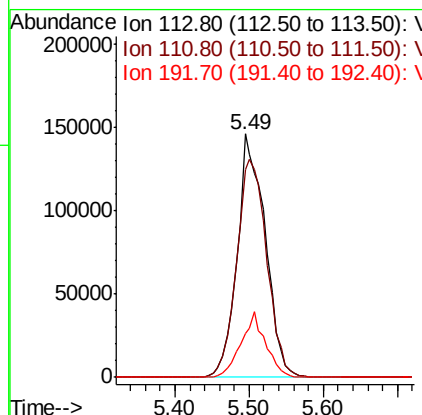
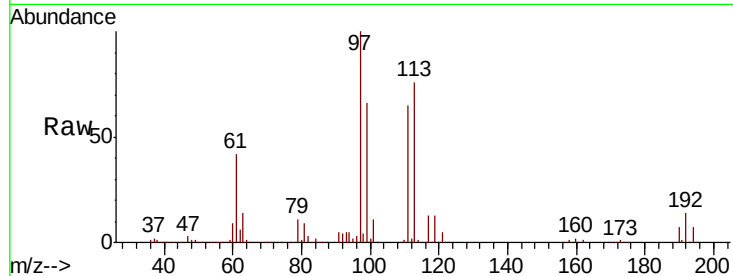
#35
 Dibromofluoromethane
 Concen: 147.128 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005286.D
 Acq: 12 Oct 2018 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	385445		
111	96.2	82.4	123.6	
192	23.7	19.4	29.2	

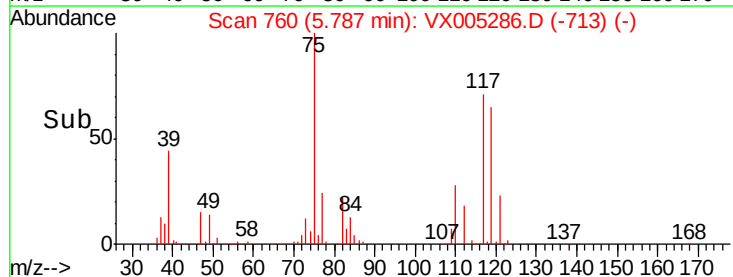
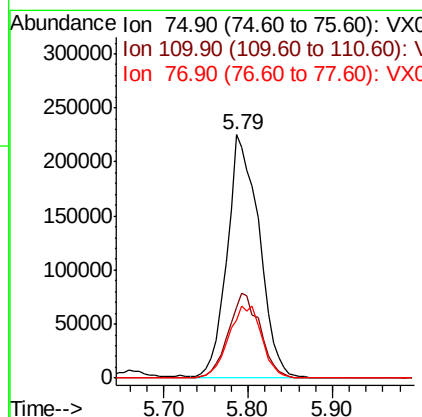
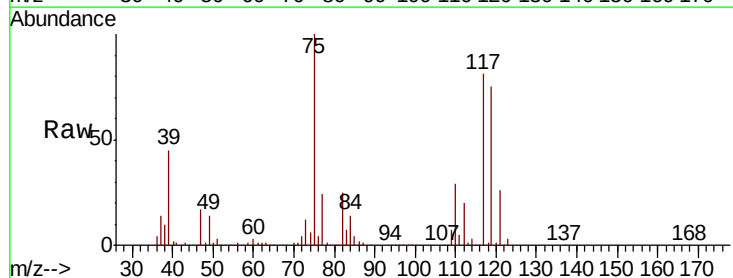
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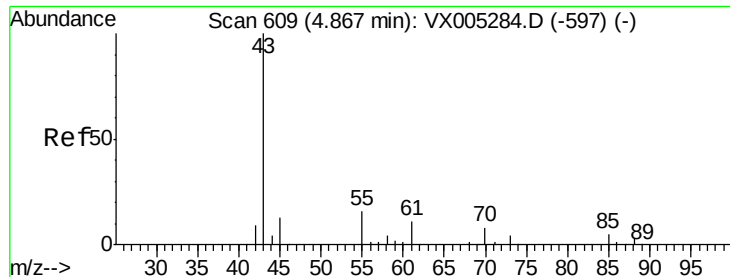
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#36
 1,1-Dichloropropene
 Concen: 151.699 ug/l
 RT: 5.79 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: VX005286.D
 Acq: 12 Oct 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	577816		
110	34.9	18.0	54.0	
77	31.5	24.6	36.8	





#37

Ethyl Acetate

Concen: 138.957 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.01 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Instrument :

MSVOA_X

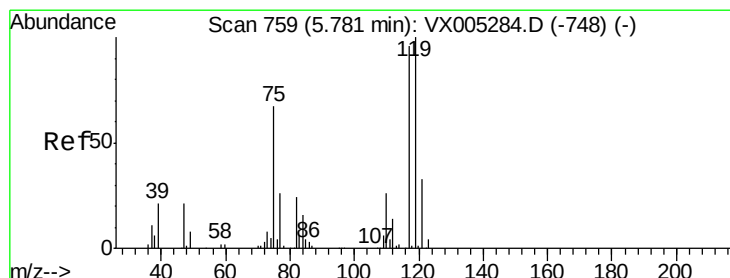
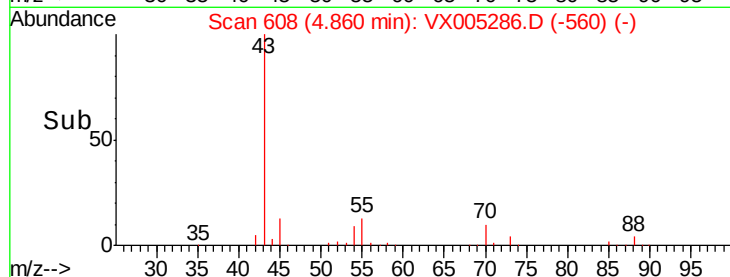
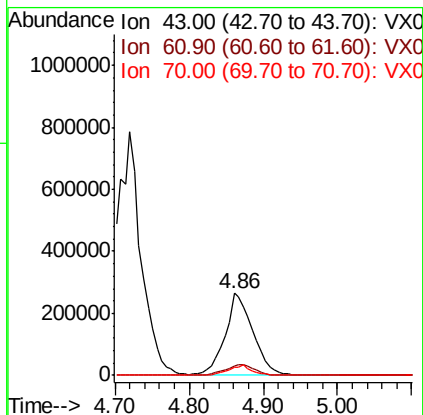
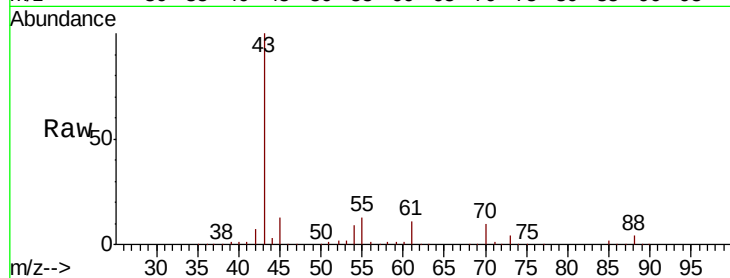
ClientSampleId :

VSTDIC150

Tgt Ion:	43	Resp:	690433
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.5	17.3
70	10.7	9.0	13.6

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 145.296 ug/l

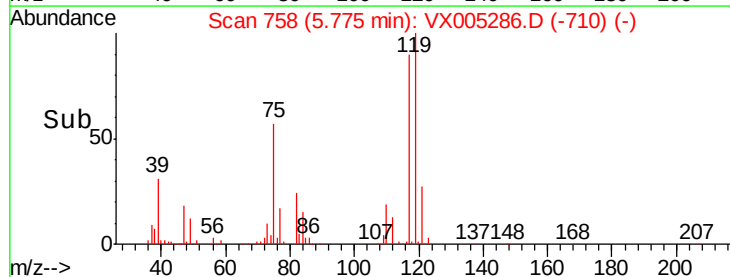
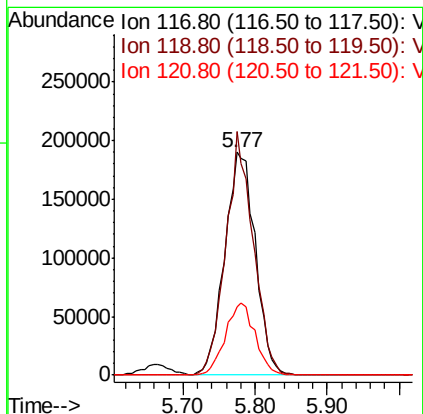
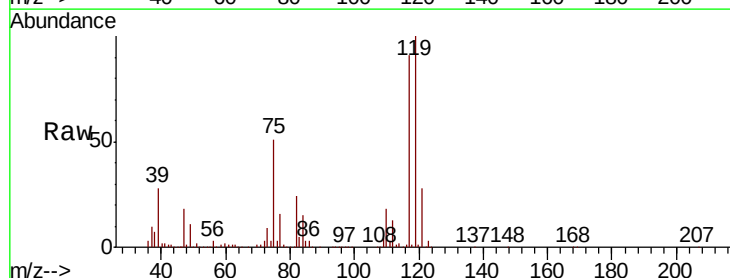
RT: 5.77 min Scan# 758

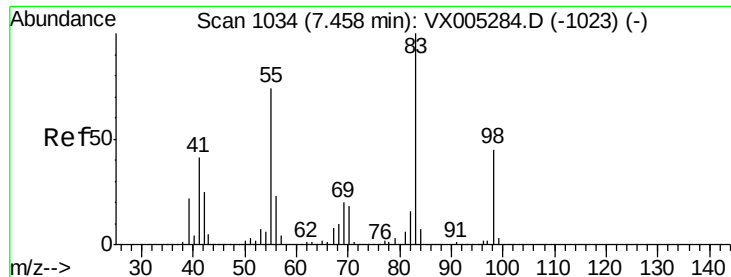
Delta R.T. -0.01 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Tgt Ion:	117	Resp:	560056
Ion	Ratio	Lower	Upper
117	100		
119	109.3	78.8	118.2
121	30.5	24.9	37.3





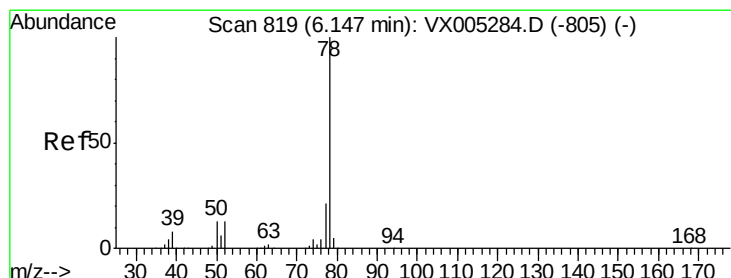
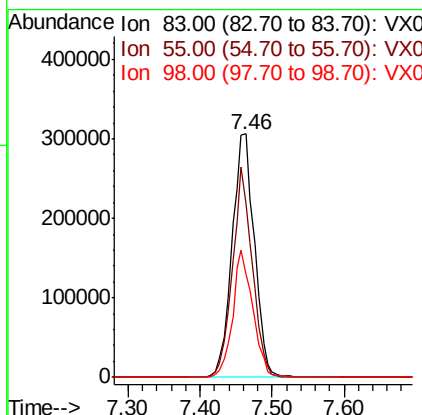
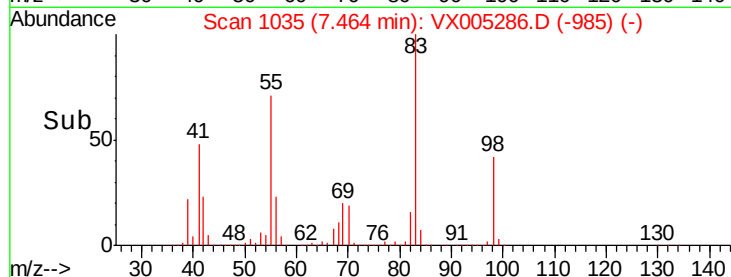
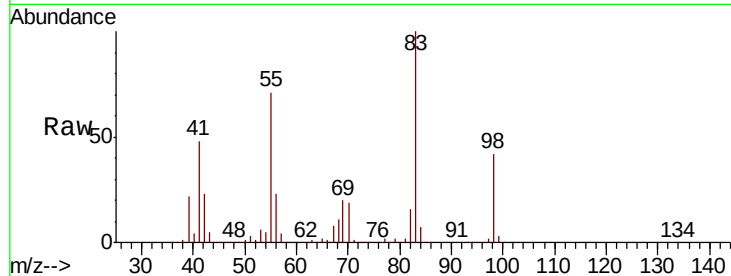
#39
Methylcyclohexane
Concen: 161.654 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	659127		
55	71.1	61.0	91.4	
98	42.3	39.6	59.4	

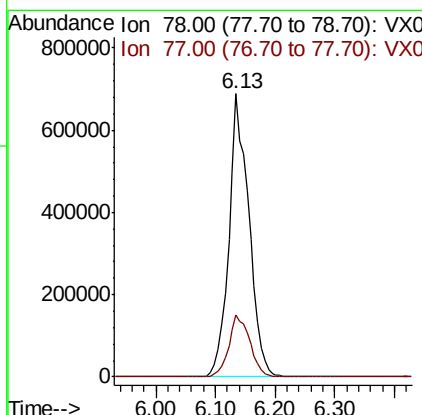
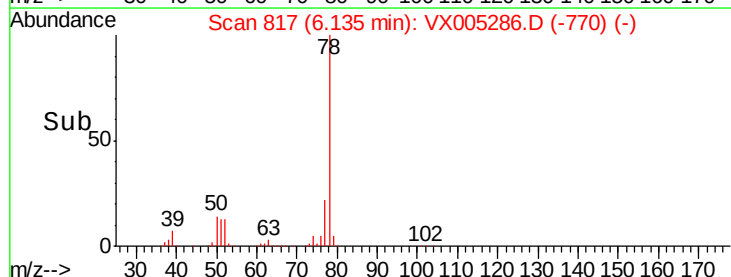
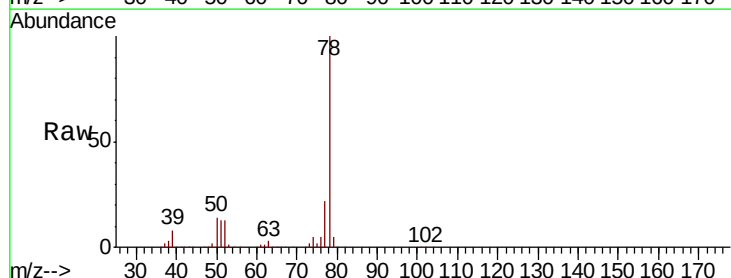
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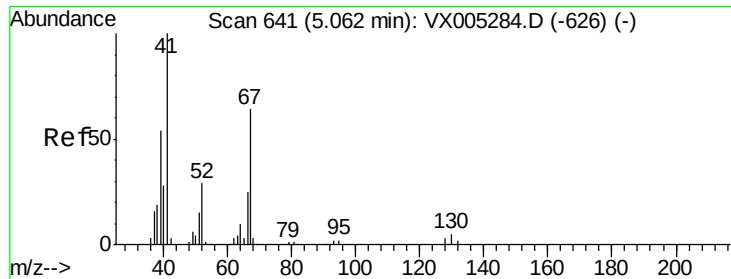
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#40
Benzene
Concen: 137.942 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1600568		
77	21.8	19.0	28.4	





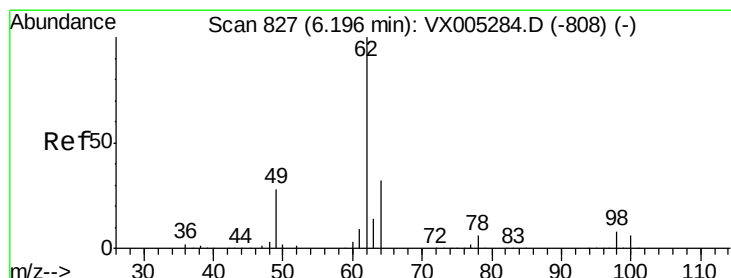
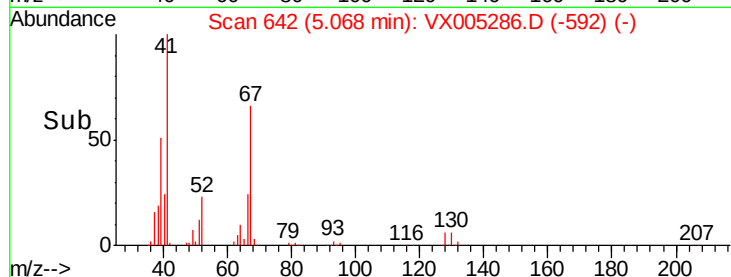
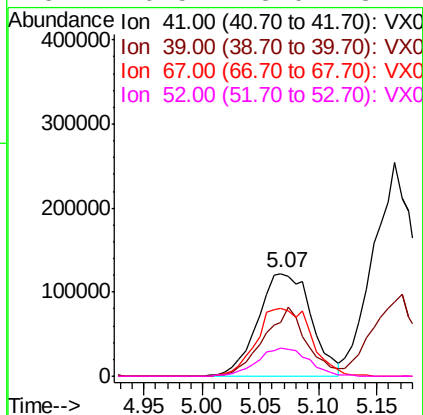
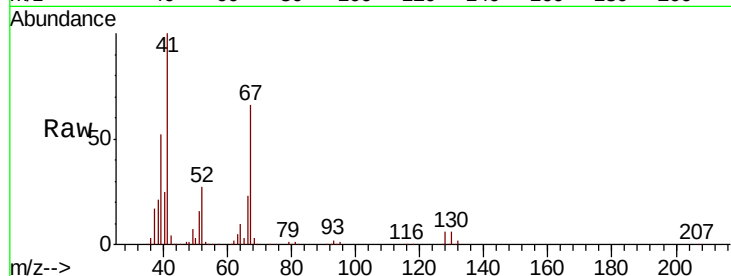
#41
Methacrylonitrile
Concen: 147.140 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Resp Lower	Upper
41	100		
39	53.8	42.4	63.6
67	68.2	59.2	88.8
52	26.5	23.0	34.4

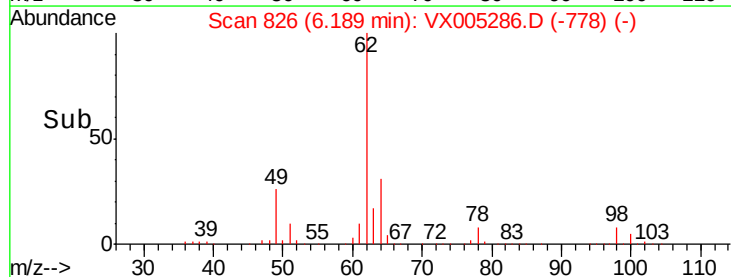
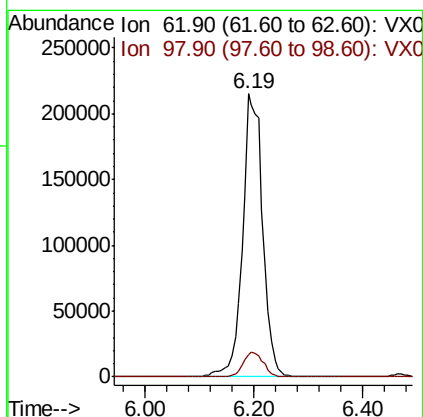
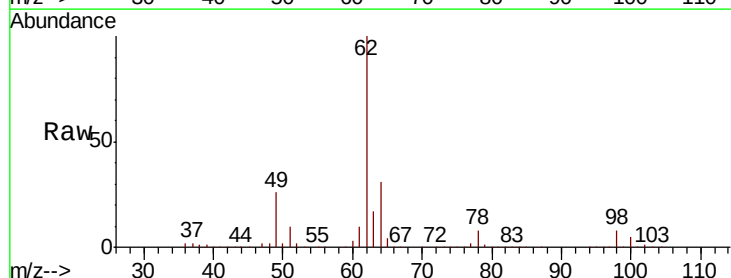
Manual Integrations
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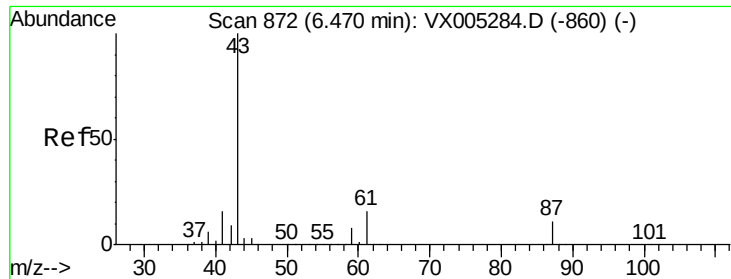
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#42
1,2-Dichloroethane
Concen: 133.243 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Tgt Ion	Ratio	Resp Lower	Upper
62	100		
98	8.8	0.0	20.6





#43

Isopropyl Acetate

Concen: 153.512 ug/l

RT: 6.47 min Scan# 872

Delta R.T. -0.00 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Instrument :

MSVOA_X

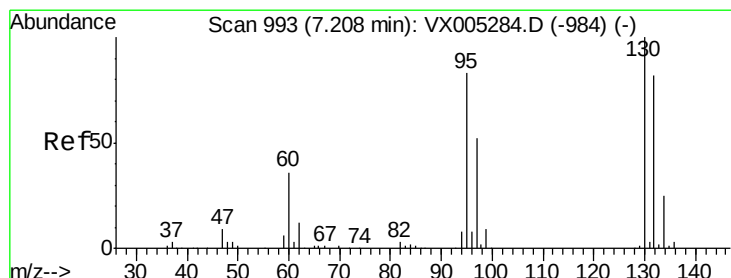
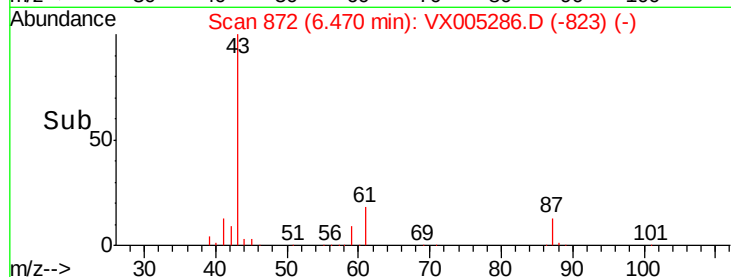
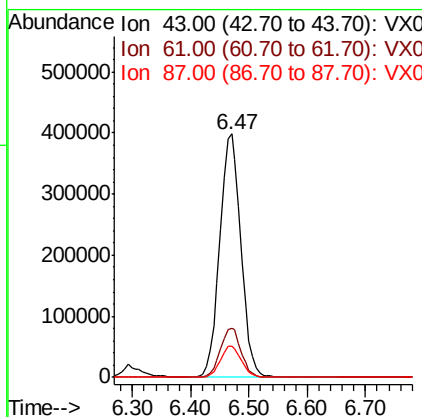
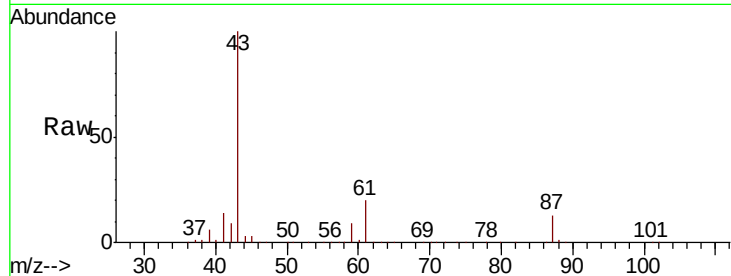
ClientSampleId :

VSTDIC150

Tgt Ion:	43	Resp:	999683
Ion	Ratio	Lower	Upper
43	100		
61	20.0	17.0	25.4
87	12.8	11.4	17.2

Manual Integrations
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#44

Trichloroethene

Concen: 129.619 ug/l

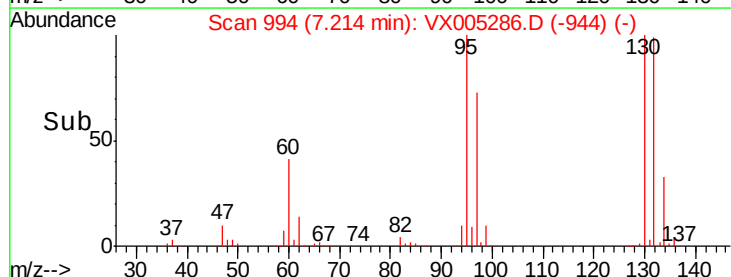
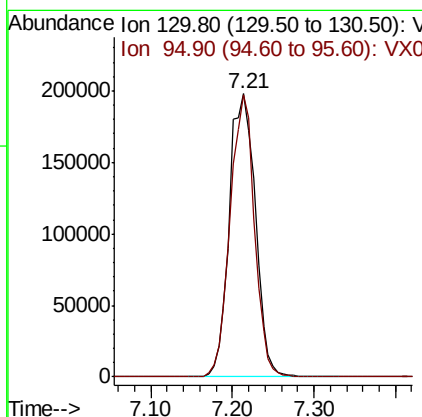
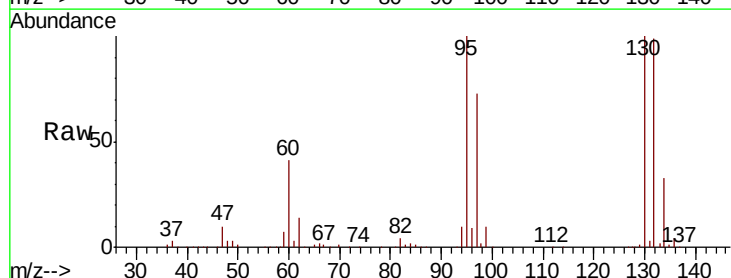
RT: 7.21 min Scan# 994

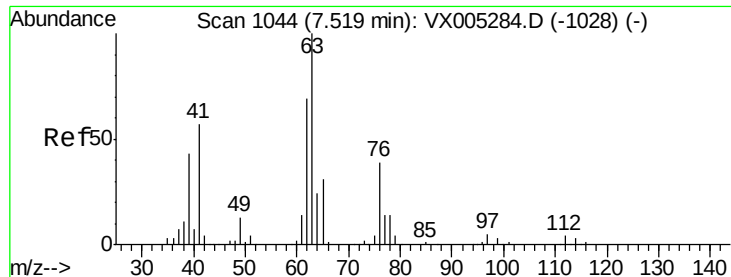
Delta R.T. 0.01 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Tgt Ion:	130	Resp:	434940
Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	181.6





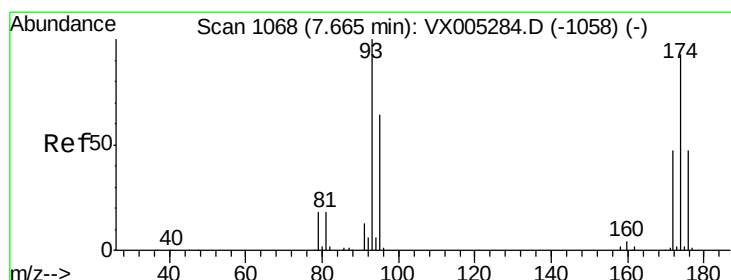
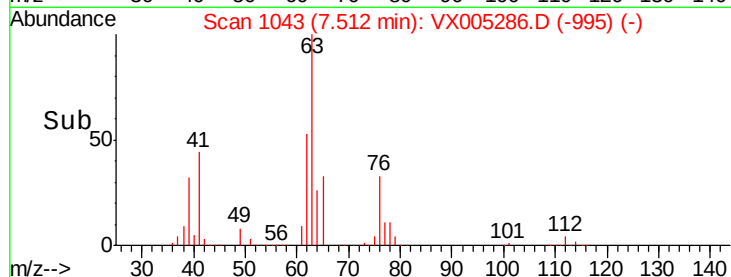
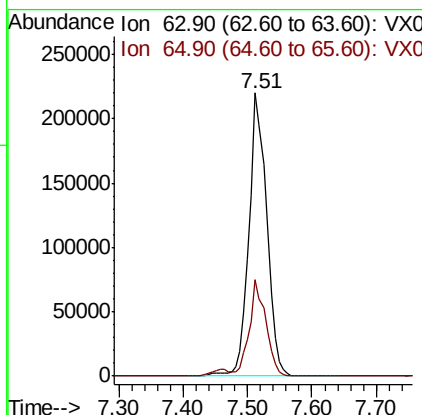
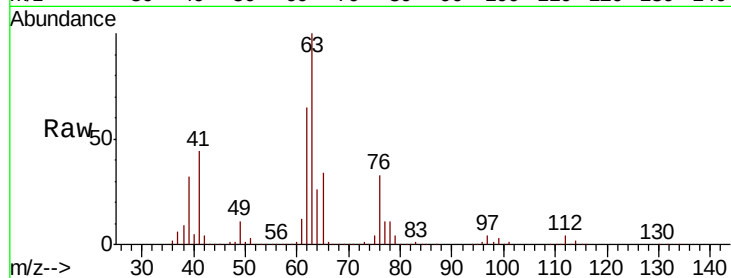
#45
 1,2-Dichloropropane
 Concen: 146.795 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX005286.D
 Acq: 12 Oct 2018 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 63 Resp: 413690
 Ion Ratio Lower Upper
 63 100
 65 34.1 24.3 36.5

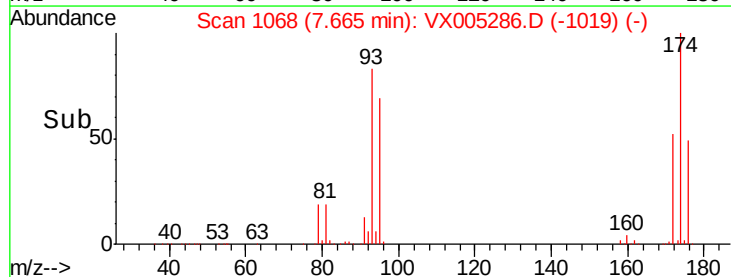
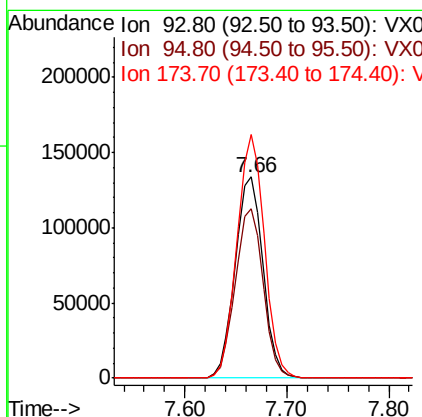
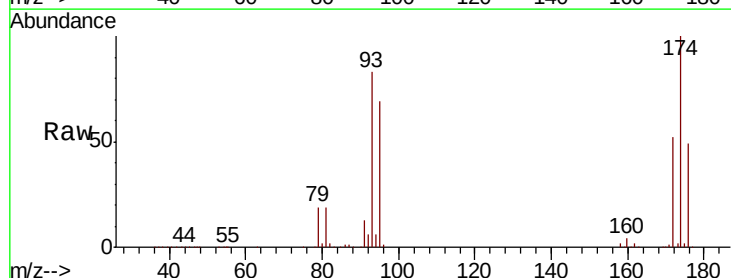
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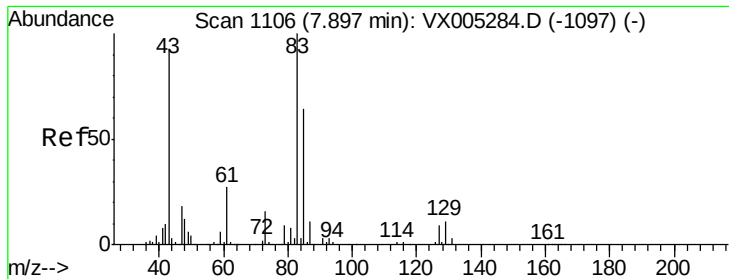
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#46
 Dibromomethane
 Concen: 134.374 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005286.D
 Acq: 12 Oct 2018 10:58

Tgt Ion: 93 Resp: 253446
 Ion Ratio Lower Upper
 93 100
 95 84.4 65.5 98.3
 174 119.3 94.2 141.4





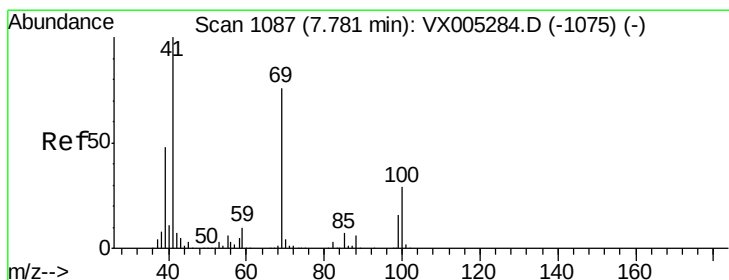
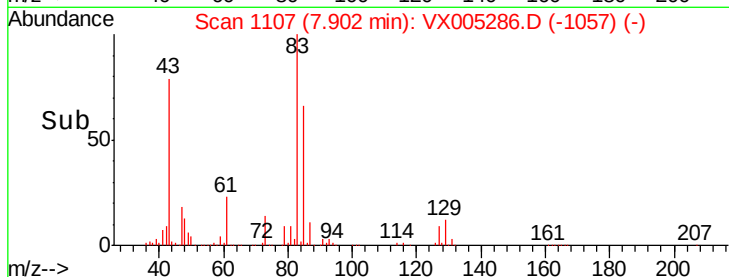
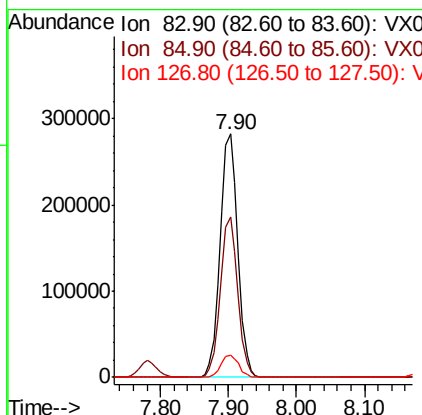
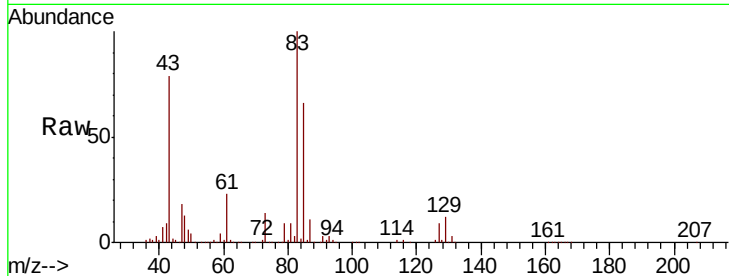
#47
Bromodichloromethane
Concen: 147.272 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.9	76.3
127	9.3	7.3	10.9

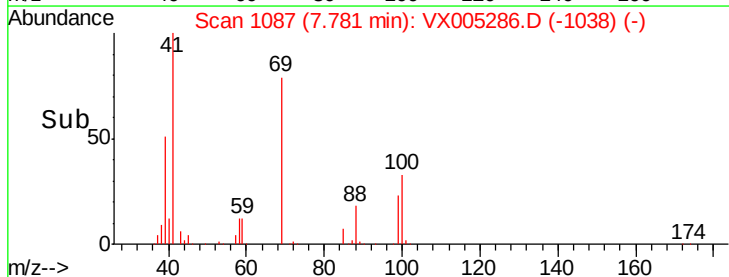
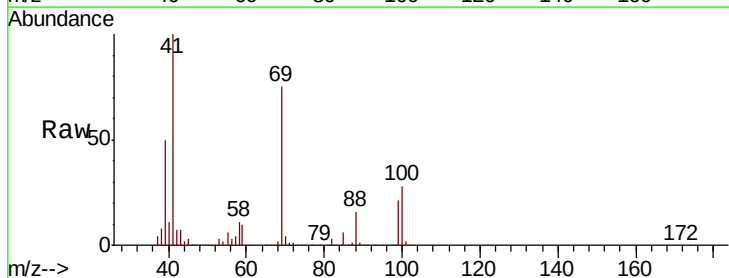
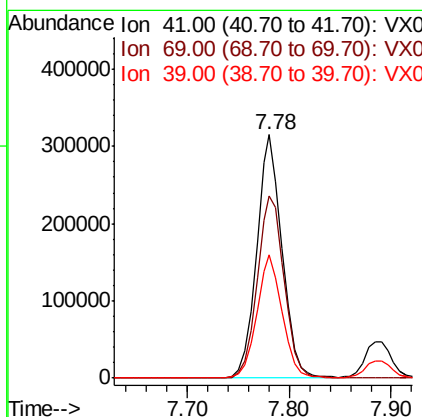
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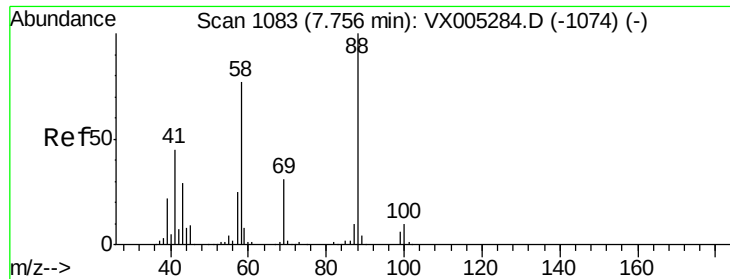
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10/17/2018 9:04:41 AM



#48
Methyl methacrylate
Concen: 162.693 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.8	70.2	105.4
39	50.6	42.7	64.1





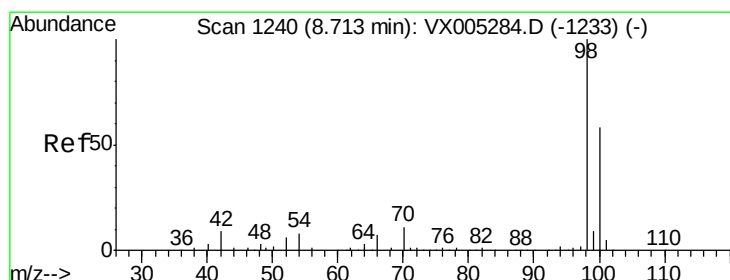
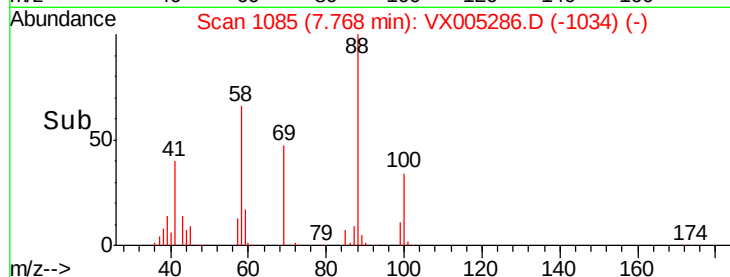
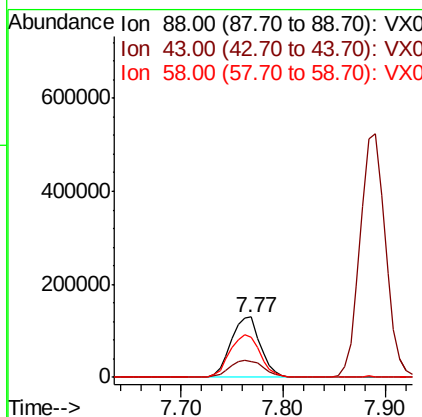
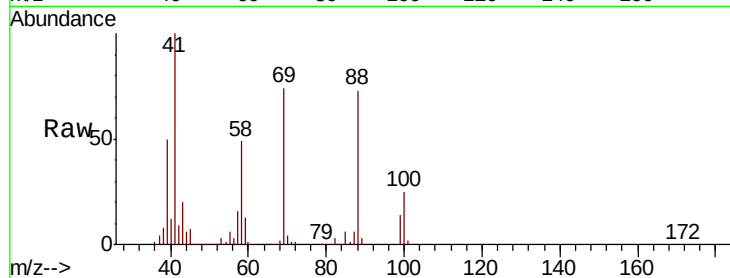
#49
1,4-Dioxane
Concen: 3373.748 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.01 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.0	24.7	37.1
58	72.7	55.3	82.9

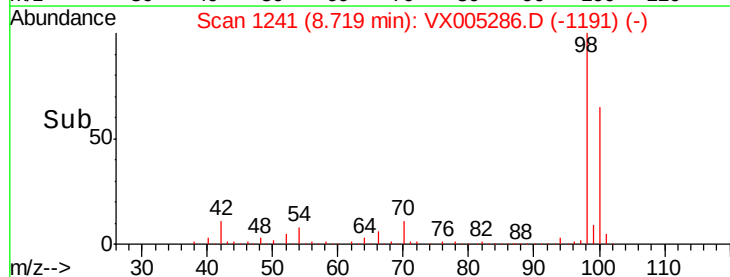
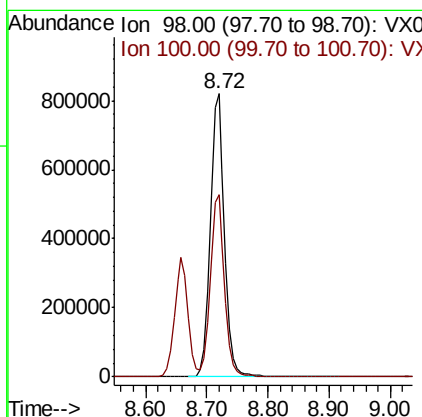
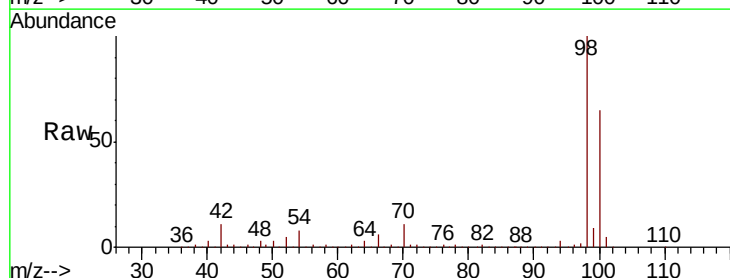
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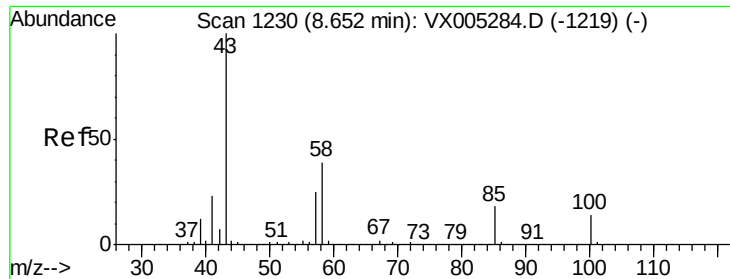
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#50
Toluene-d8
Concen: 150.003 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 829.609 ug/l

RT: 8.66 min Scan# 1231

Delta R.T. 0.01 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 3690074

Ion Ratio Lower Upper

43 100

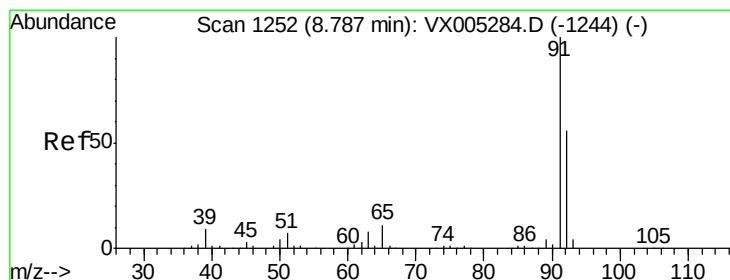
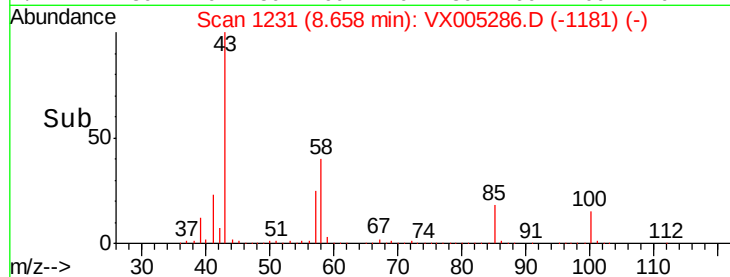
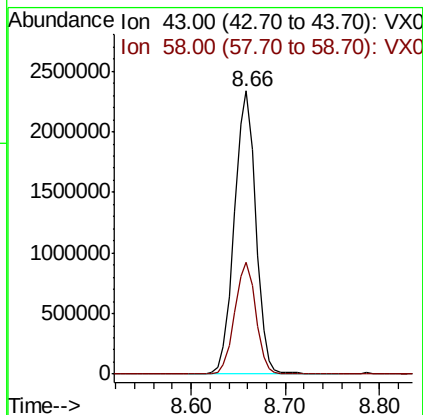
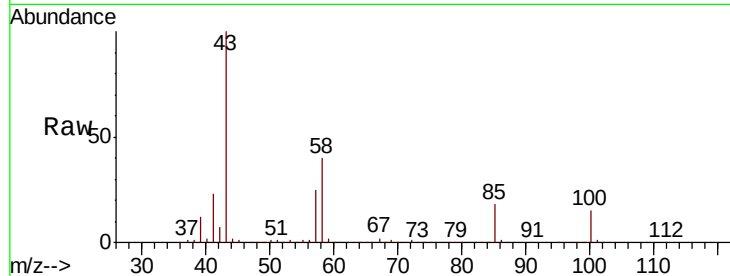
58 38.8 33.1 49.7

Manual Integrations

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#52

Toluene

Concen: 150.651 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005286.D

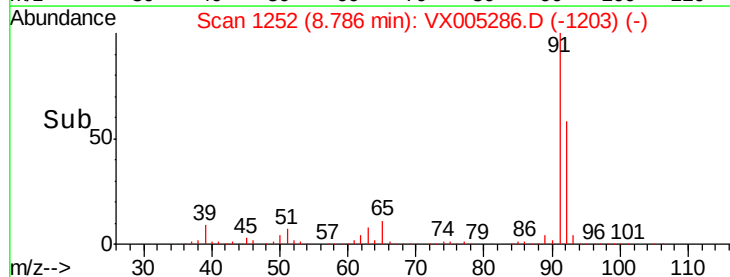
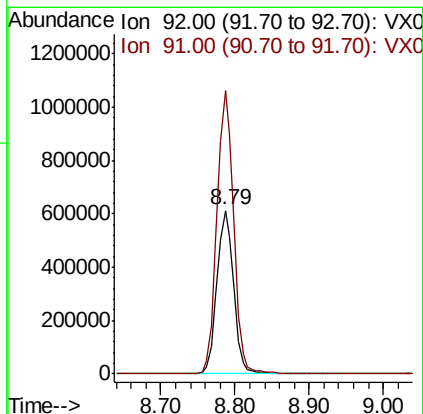
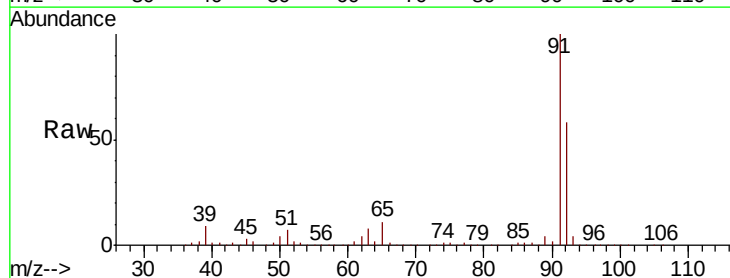
Acq: 12 Oct 2018 10:58

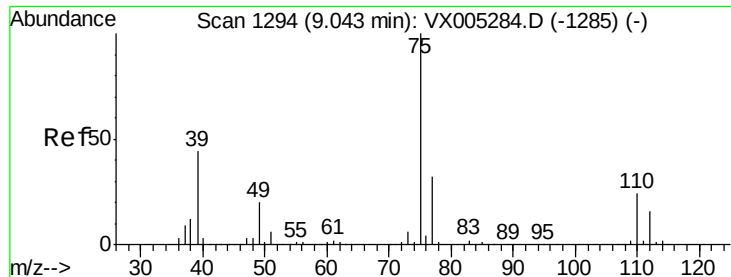
Tgt Ion: 92 Resp: 942833

Ion Ratio Lower Upper

92 100

91 174.0 136.4 204.6





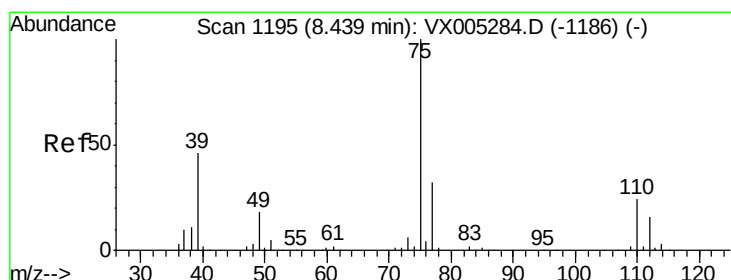
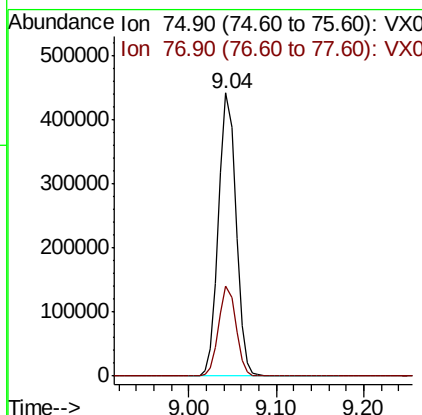
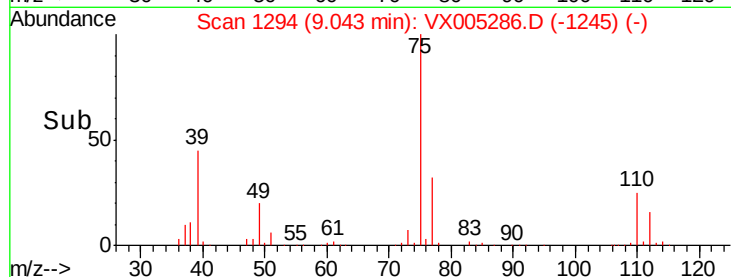
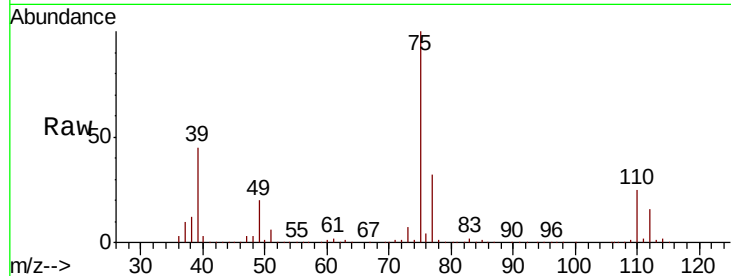
#53
t-1,3-Dichloropropene
Concen: 168.285 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 611915
Ion Ratio Lower Upper
75 100
77 31.7 24.6 37.0

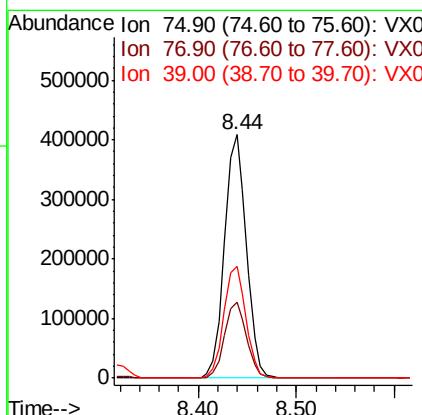
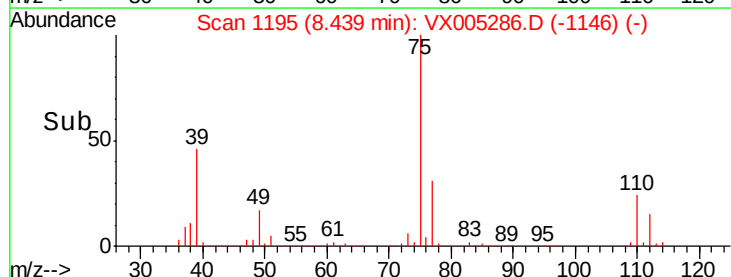
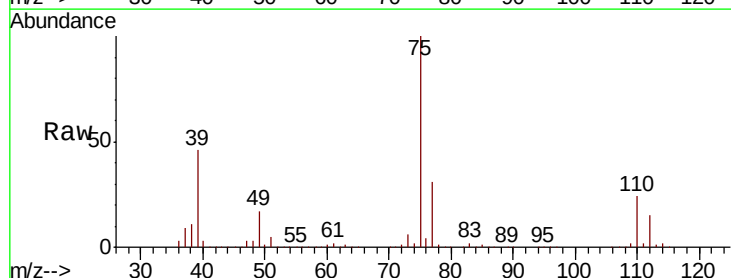
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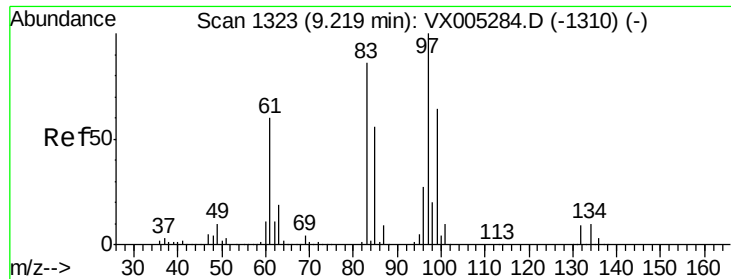
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#54
cis-1,3-Dichloropropene
Concen: 158.786 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Tgt Ion: 75 Resp: 632142
Ion Ratio Lower Upper
75 100
77 31.4 26.2 39.2
39 46.0 36.4 54.6





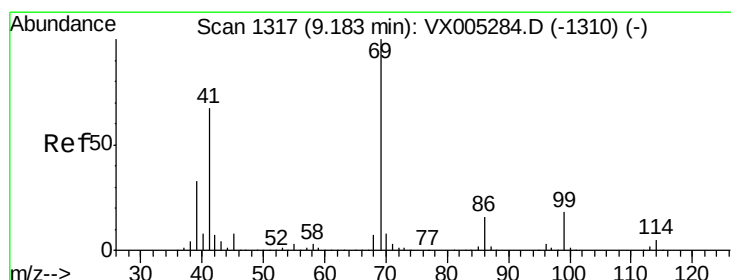
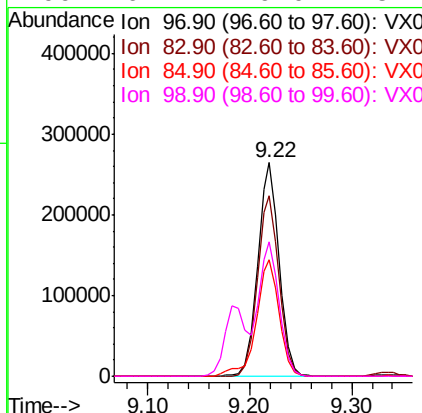
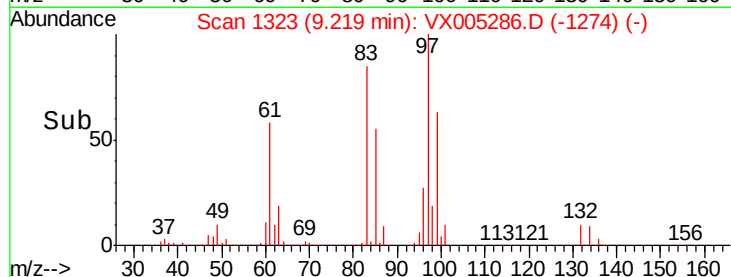
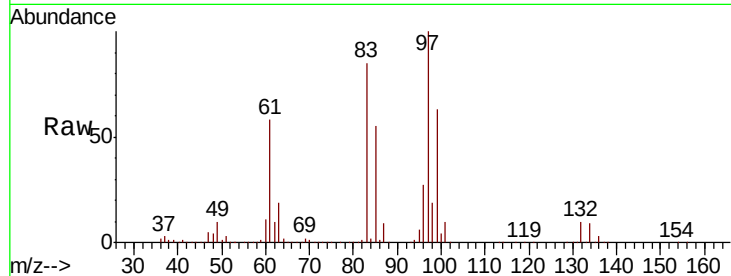
#55
 1,1,2-Trichloroethane
 Concen: 145.197 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005286.D
 Acq: 12 Oct 2018 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	387231		
83	84.8	66.4	99.6	
85	54.7	43.3	64.9	
99	62.7	49.0	73.4	

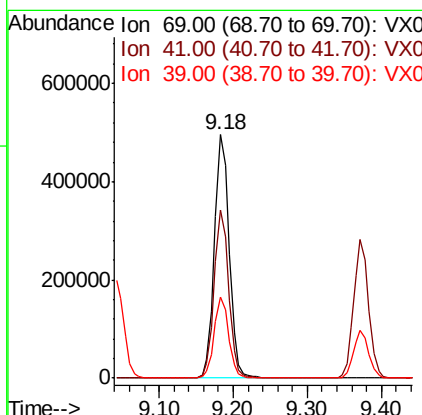
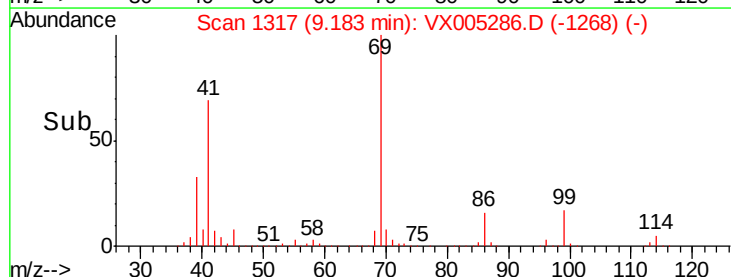
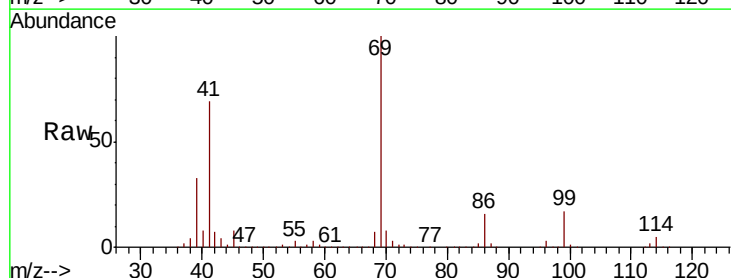
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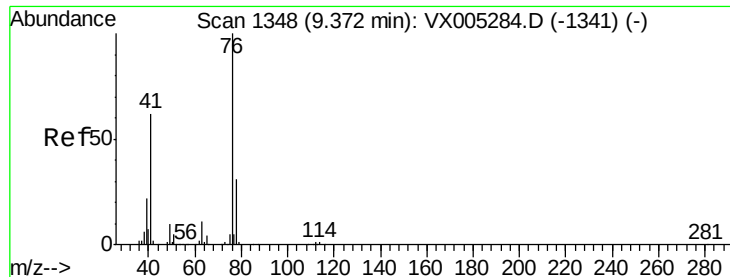
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#56
 Ethyl methacrylate
 Concen: 179.303 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005286.D
 Acq: 12 Oct 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	671521		
41	68.2	51.0	76.4	
39	32.9	26.1	39.1	





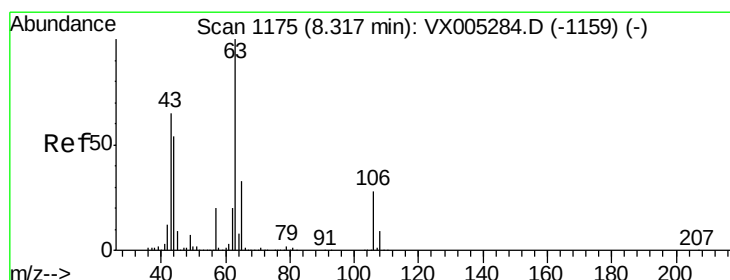
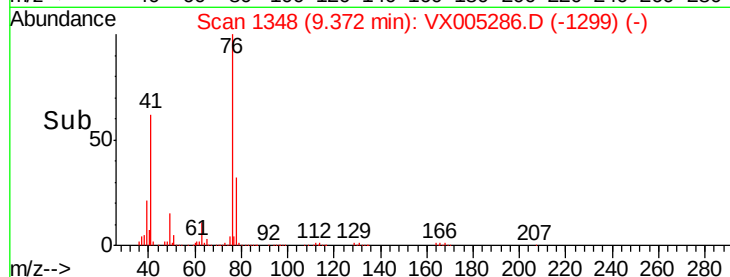
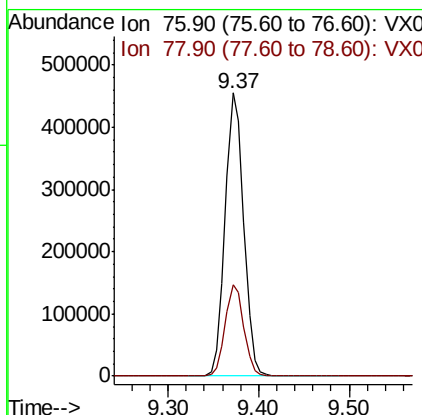
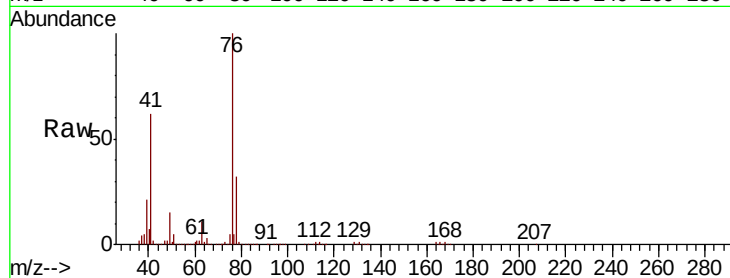
#57
 1,3-Dichloropropane
 Concen: 145.480 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005286.D
 Acq: 12 Oct 2018 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 76 Resp: 647374
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.5 38.3

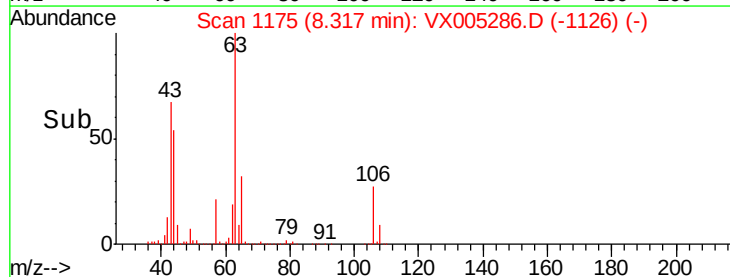
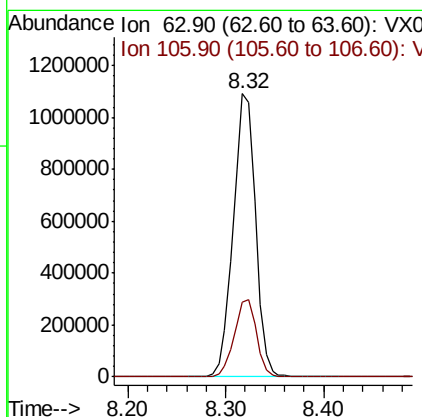
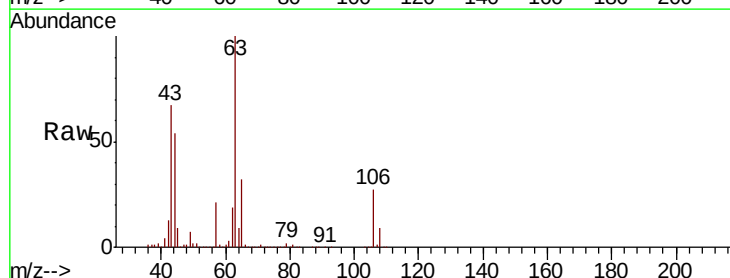
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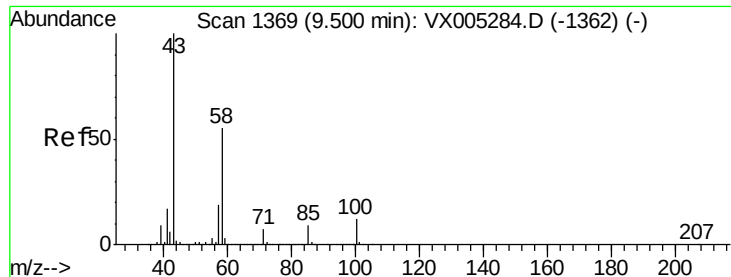
MMDadoda
 10/17/2018 9:04:41 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 804.482 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005286.D
 Acq: 12 Oct 2018 10:58

Tgt Ion: 63 Resp: 1723852
 Ion Ratio Lower Upper
 63 100
 106 27.3 23.9 35.9





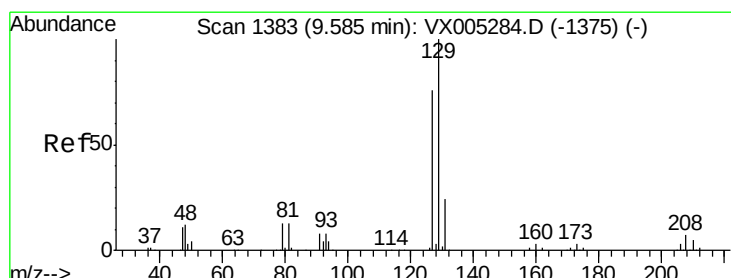
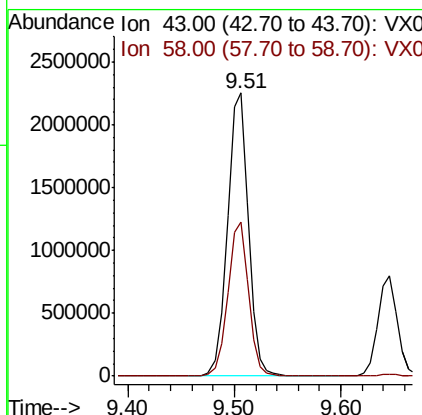
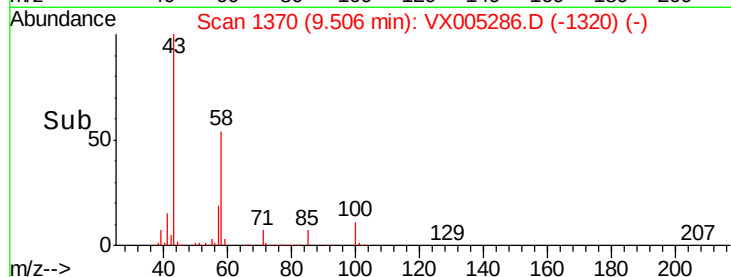
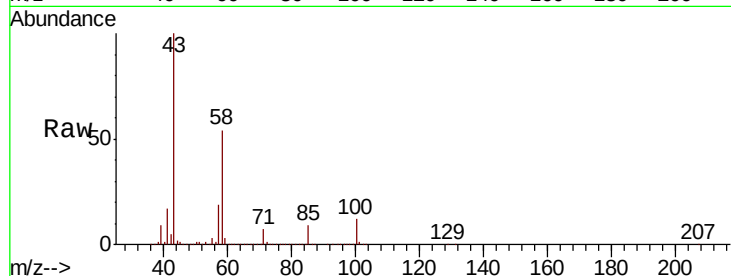
#59
2-Hexanone
Concen: 871.831 ug/l
RT: 9.51 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 3090888
Ion Ratio Lower Upper
43 100
58 54.0 29.0 87.0

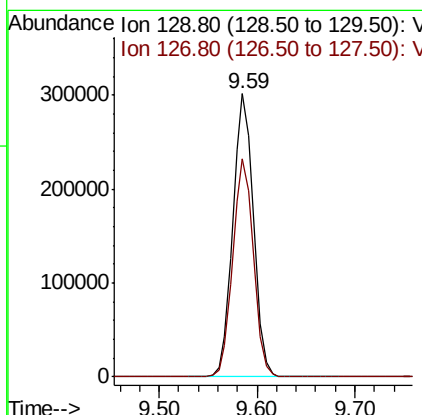
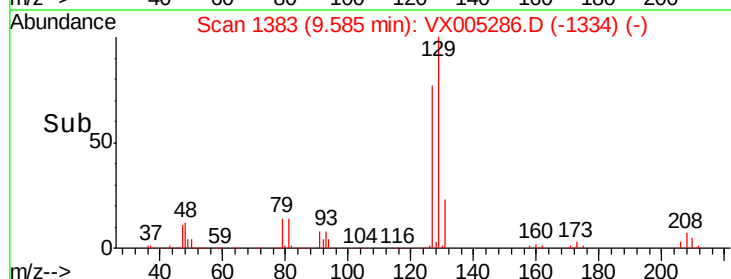
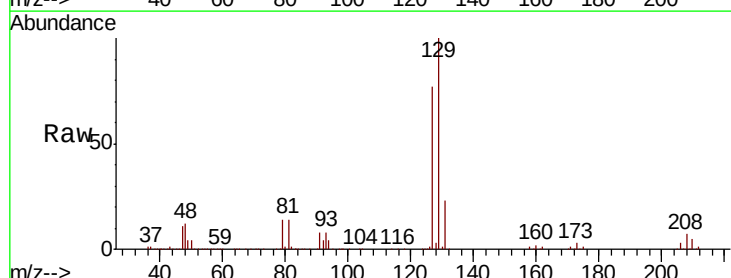
Manual Integrations
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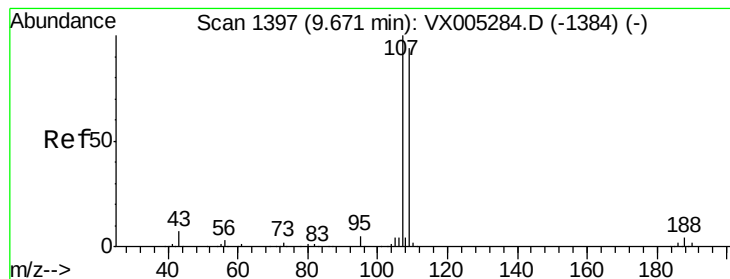
MMDadoda
10/17/2018 9:04:41 AM



#60
Dibromochloromethane
Concen: 162.712 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Tgt Ion: 129 Resp: 439946
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 148.399 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 107 Resp: 413870

Ion Ratio Lower Upper

107 100

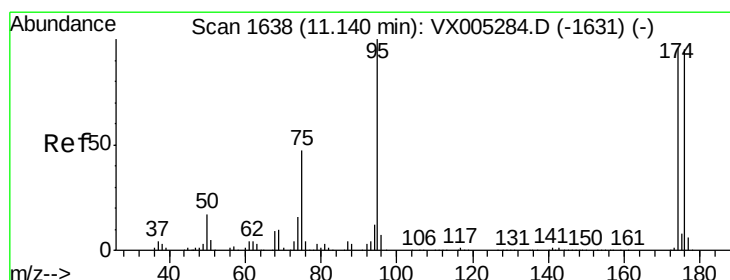
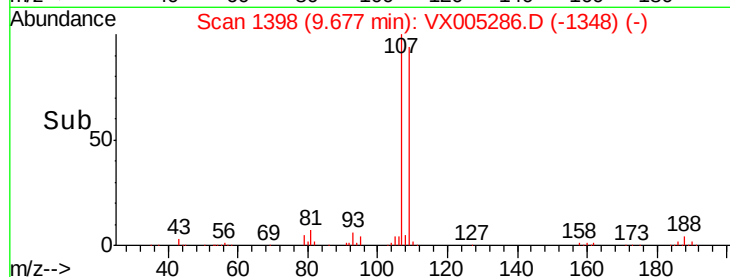
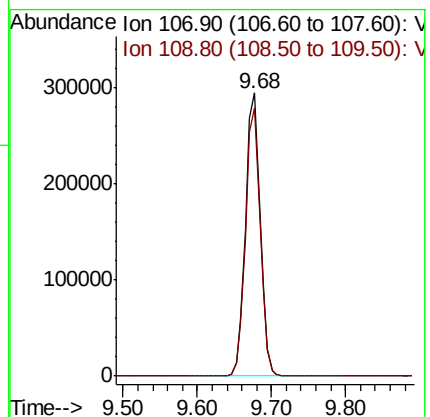
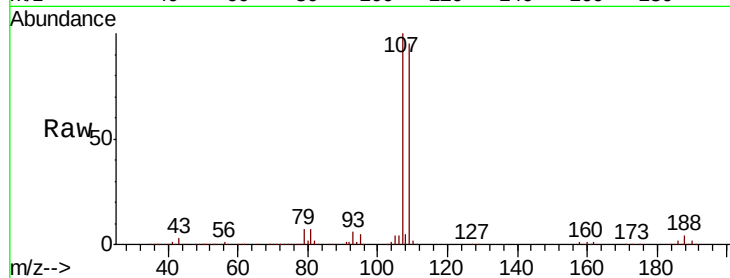
109 94.7 76.0 114.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 171.486 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

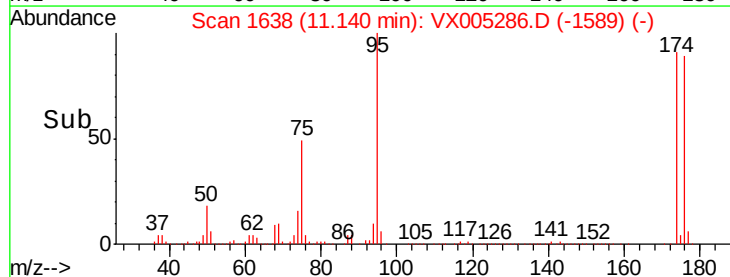
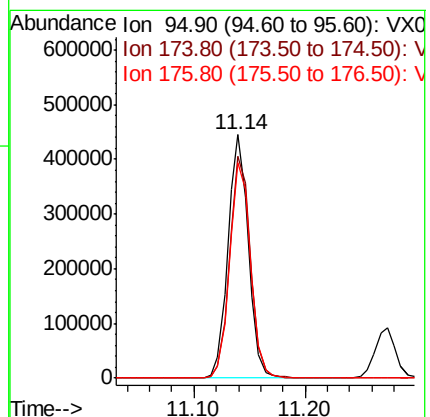
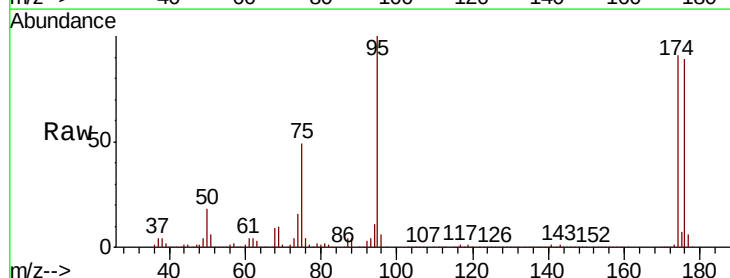
Tgt Ion: 95 Resp: 561107

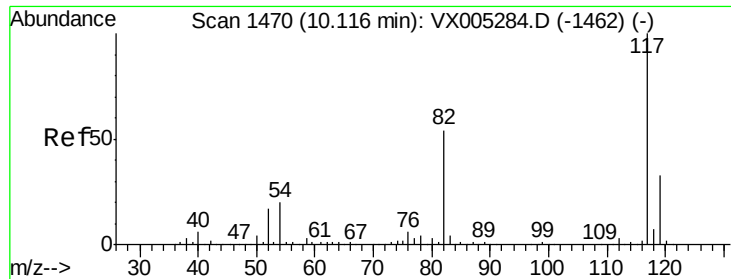
Ion Ratio Lower Upper

95 100

174 93.1 0.0 185.2

176 90.5 0.0 178.6





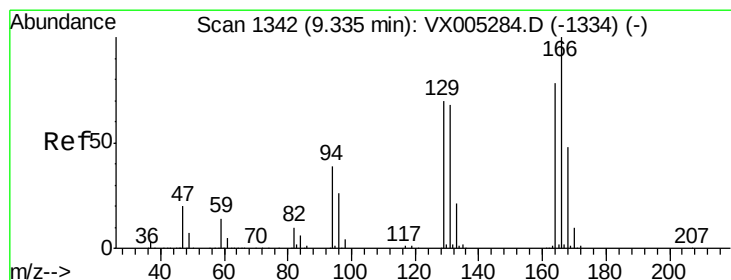
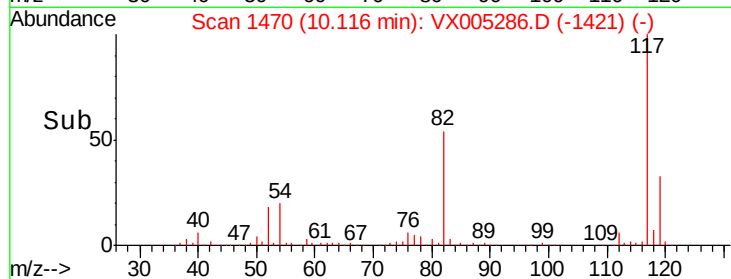
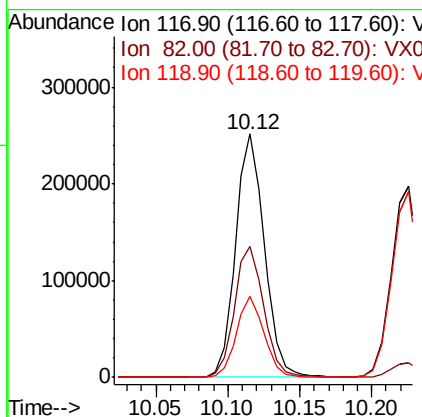
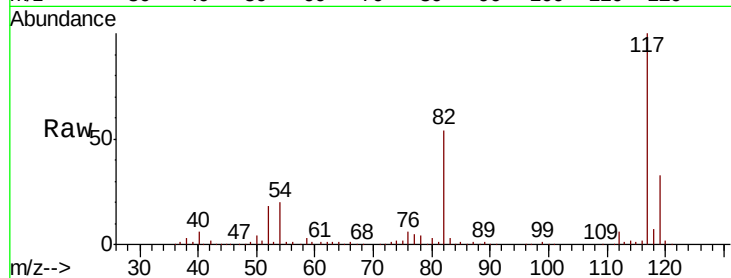
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	351617		
82	53.8	47.8	71.6	
119	33.1	29.3	43.9	

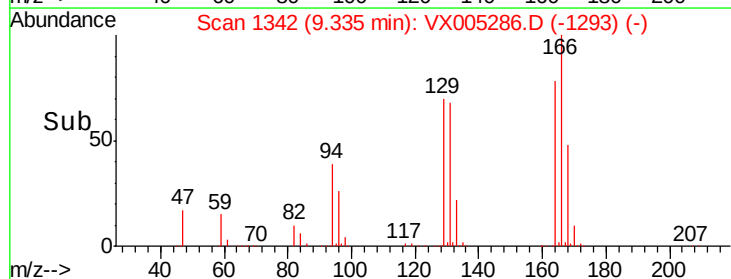
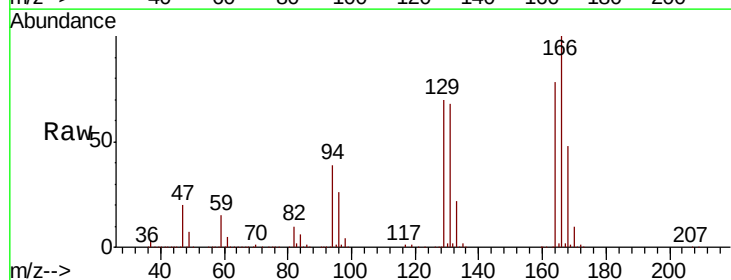
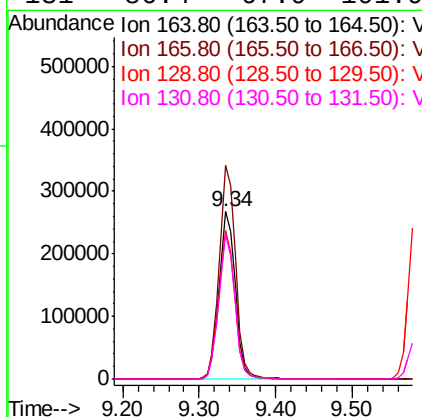
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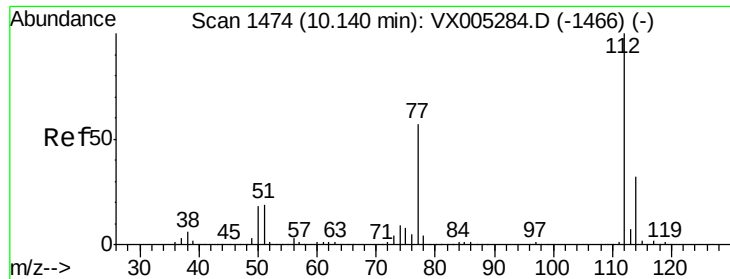
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#64
Tetrachloroethene
Concen: 138.321 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	396693		
166	127.6	102.8	154.2	
129	88.9	69.4	104.0	
131	86.4	67.9	101.9	





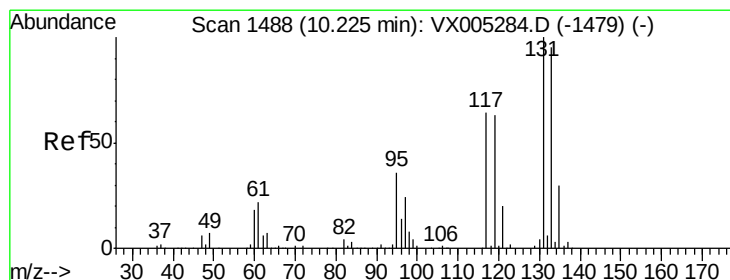
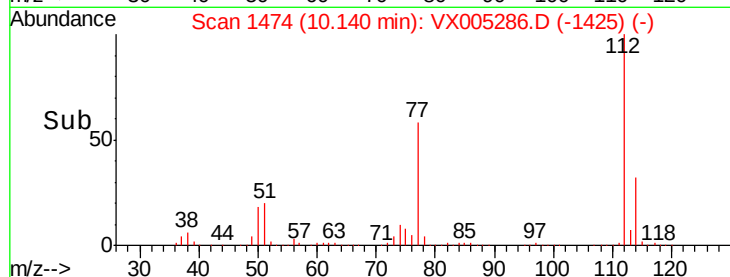
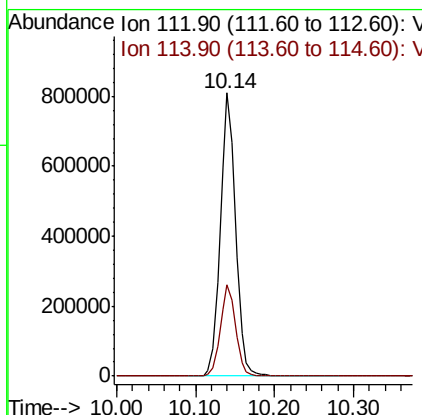
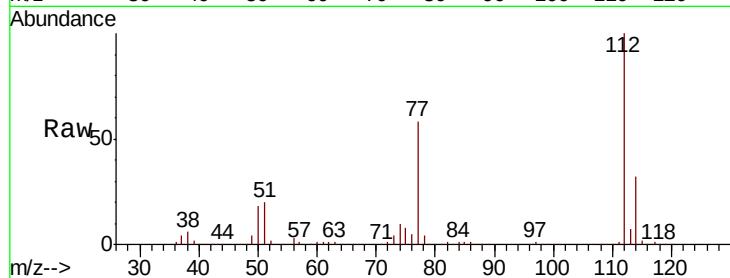
#65
Chlorobenzene
Concen: 145.155 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 1091535
Ion Ratio Lower Upper
112 100
114 32.1 27.8 41.8

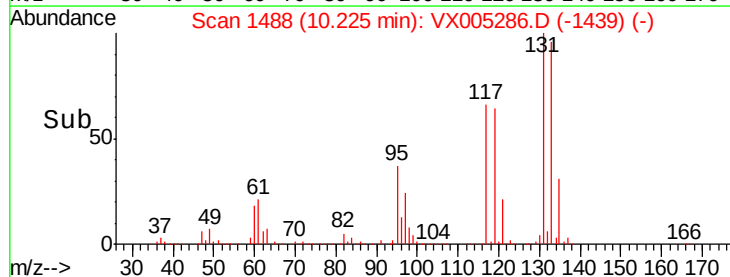
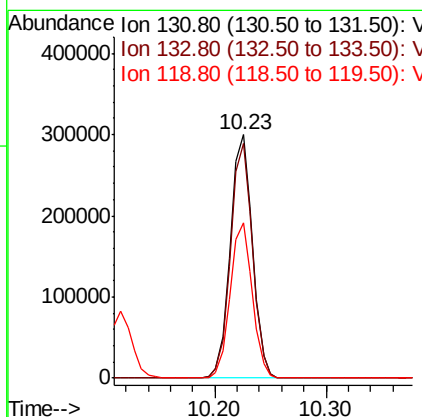
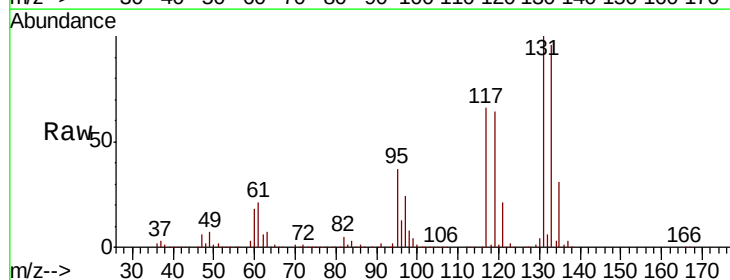
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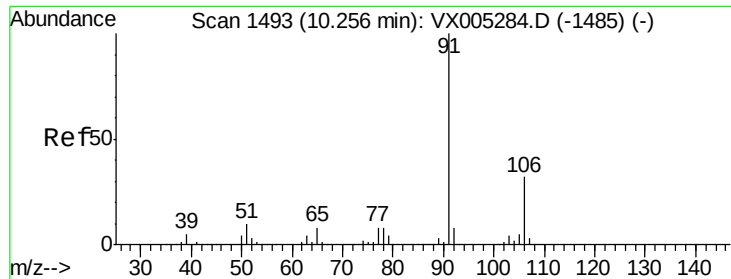
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#66
1,1,1,2-Tetrachloroethane
Concen: 154.956 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Tgt Ion:131 Resp: 410748
Ion Ratio Lower Upper
131 100
133 95.7 48.1 144.4
119 63.9 32.9 98.6





#67

Ethyl Benzene

Concen: 156.657 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1890789

Ion Ratio Lower Upper

91 100

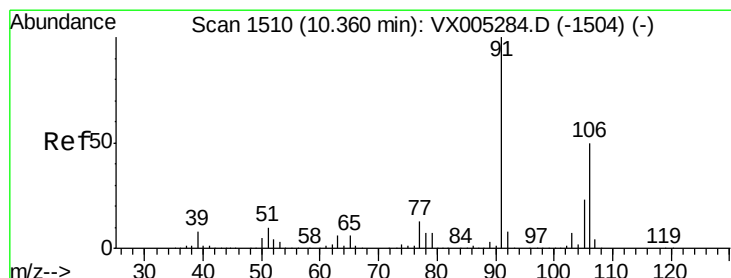
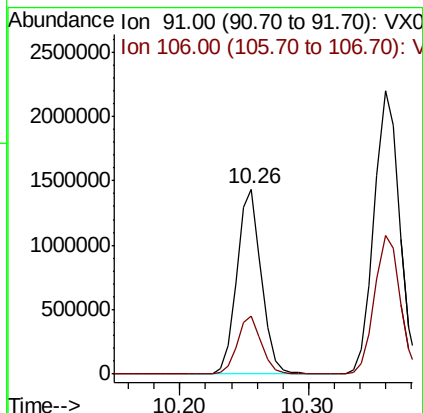
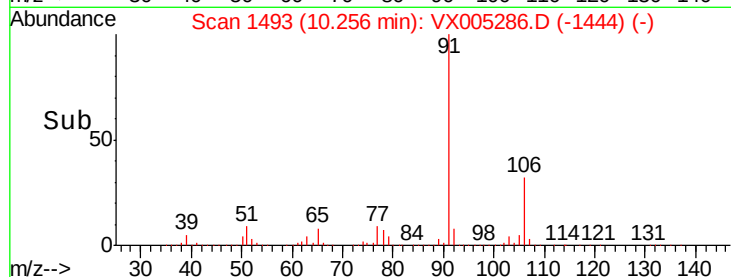
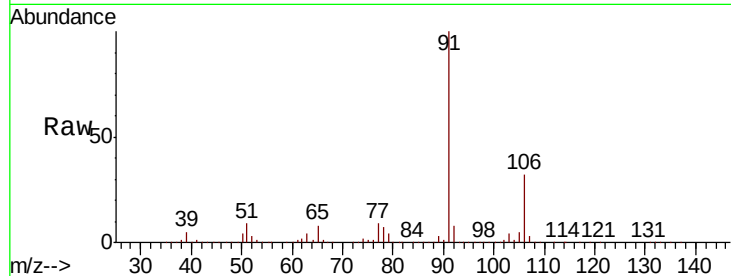
106 31.5 25.9 38.9

Manual Integrations

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#68

m/p-Xylenes

Concen: 314.924 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005286.D

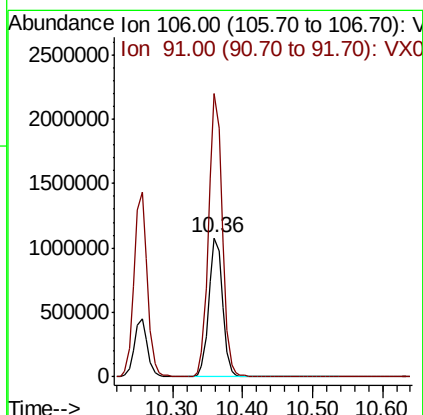
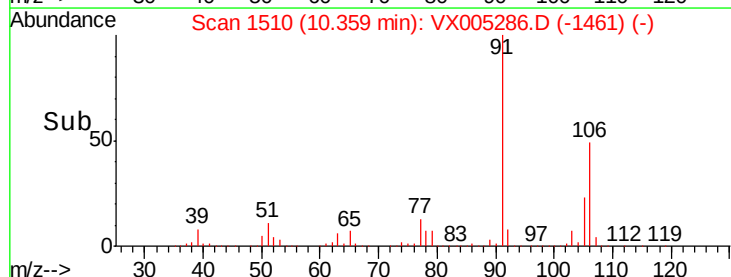
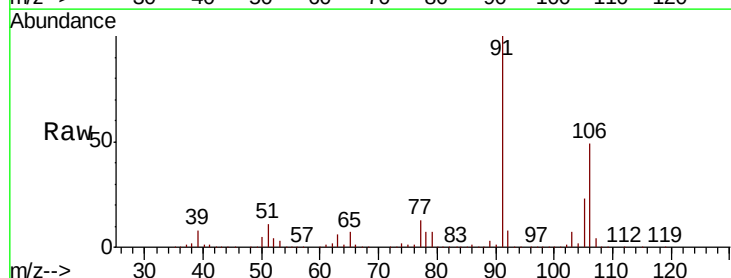
Acq: 12 Oct 2018 10:58

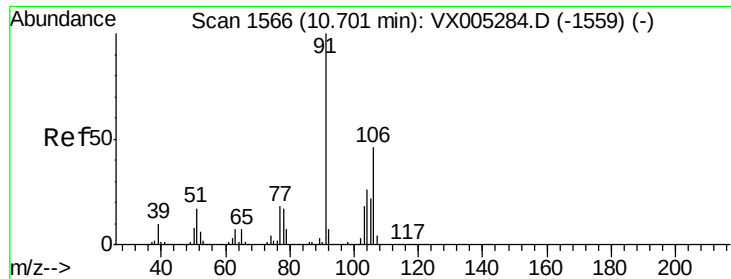
Tgt Ion: 106 Resp: 1474002

Ion Ratio Lower Upper

106 100

91 202.6 157.1 235.7





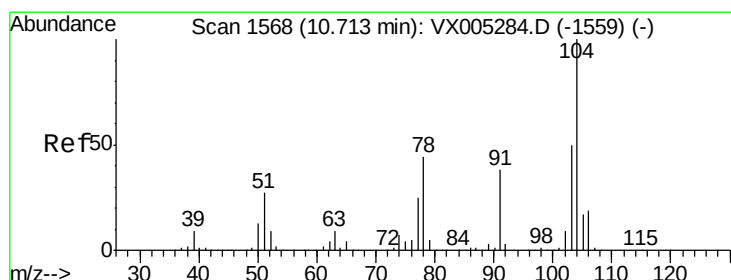
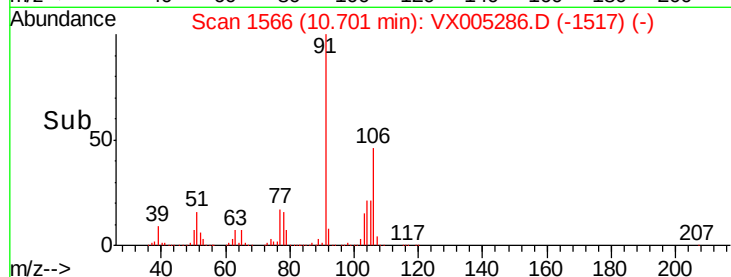
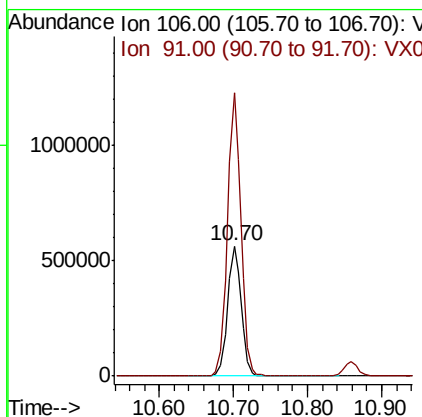
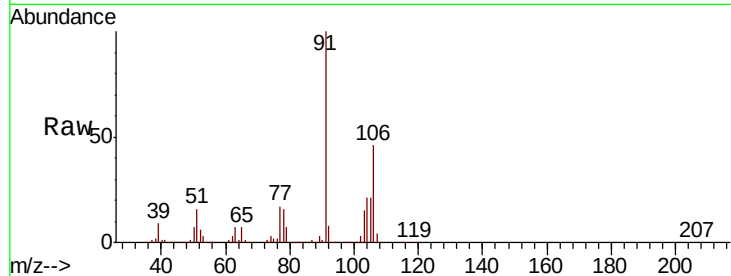
#69
o-Xylene
Concen: 160.385 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 721660
Ion Ratio Lower Upper
106 100
91 214.8 105.1 315.1

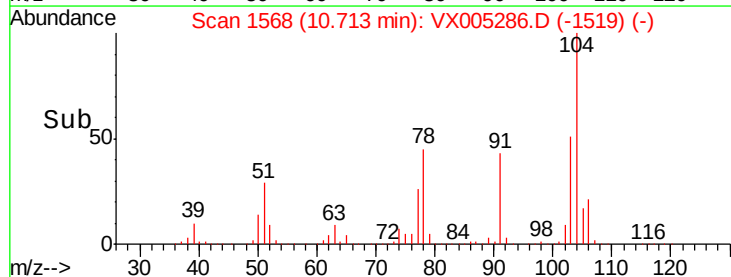
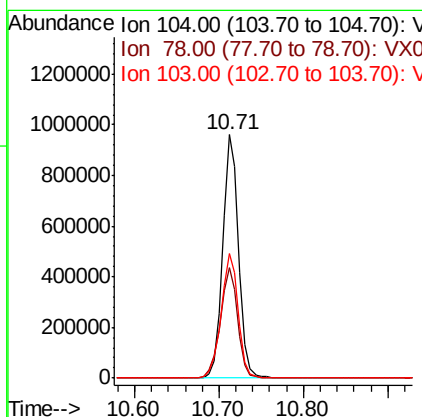
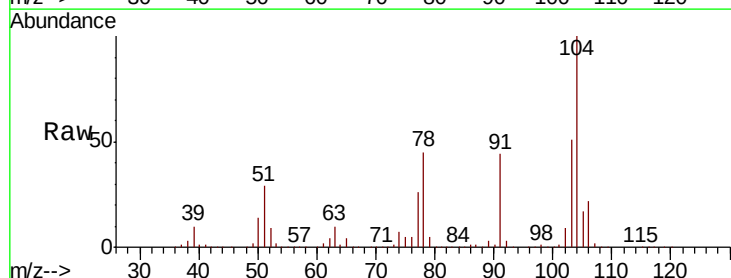
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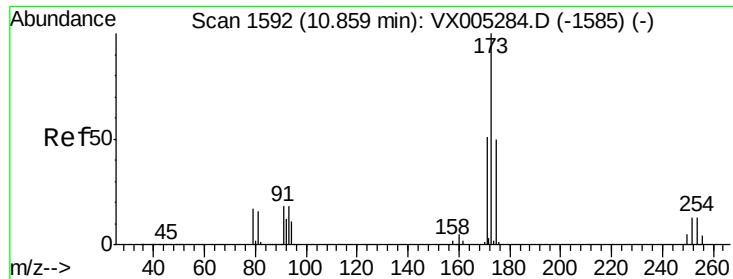
MMDadoda
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#70
Styrene
Concen: 170.175 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Tgt Ion:104 Resp: 1246039
Ion Ratio Lower Upper
104 100
78 49.8 37.4 56.0
103 55.4 43.8 65.6





#71

Bromoform

Concen: 186.466 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Instrument :

MSVOA_X

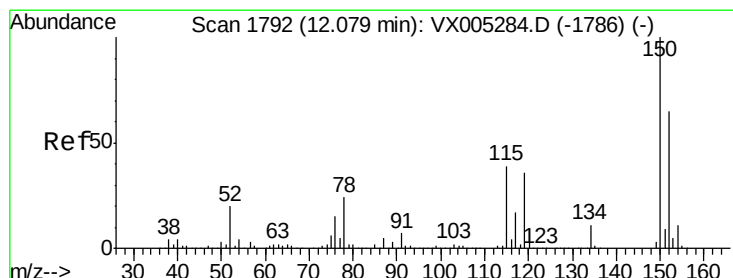
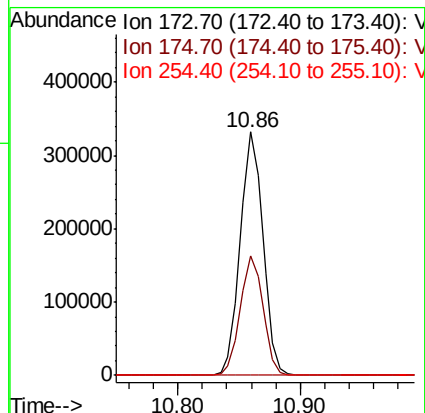
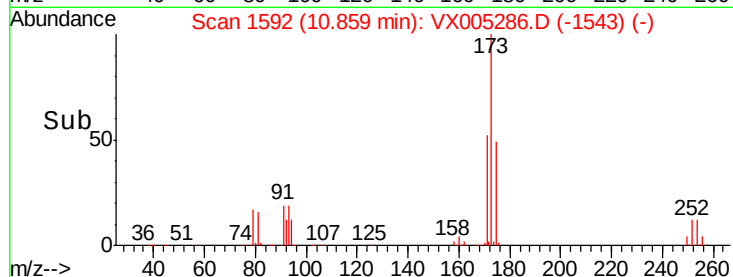
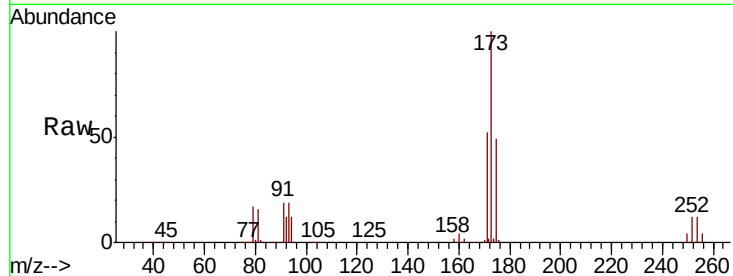
ClientSampleId :

VSTDIC150

Tgt Ion:	173	Resp:	426834
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.1	72.3
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

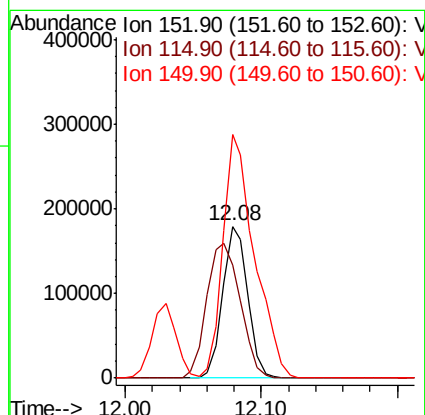
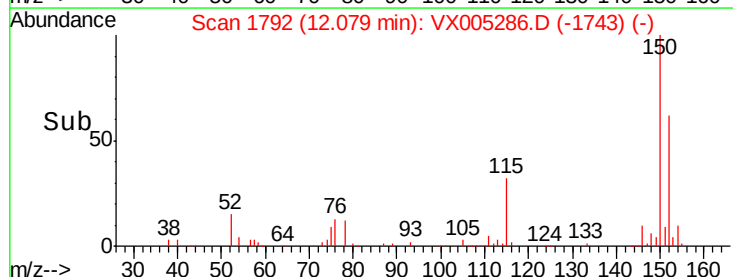
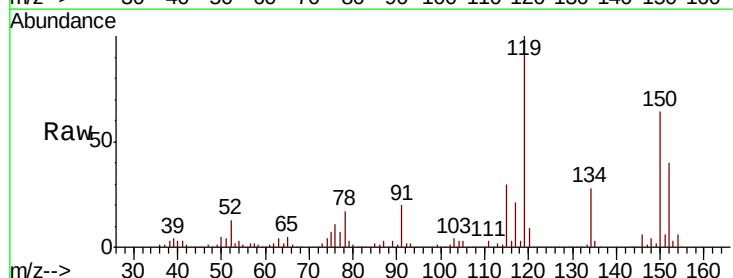
RT: 12.08 min Scan# 1792

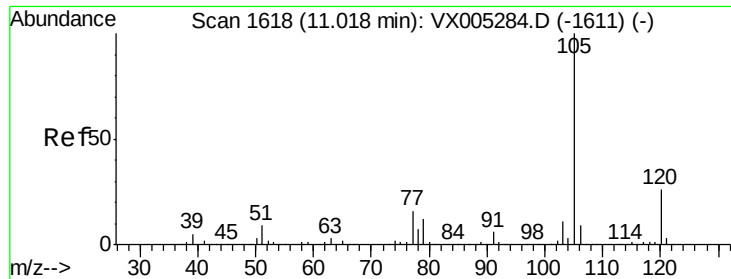
Delta R.T. -0.00 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Tgt Ion:	152	Resp:	226550
Ion Ratio	Lower	Upper	
152	100		
115	119.6	39.0	117.0#
150	204.6	0.0	351.0





#73

Isopropylbenzene

Concen: 144.483 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 105 Resp: 1957857

Ion Ratio Lower Upper

105 100

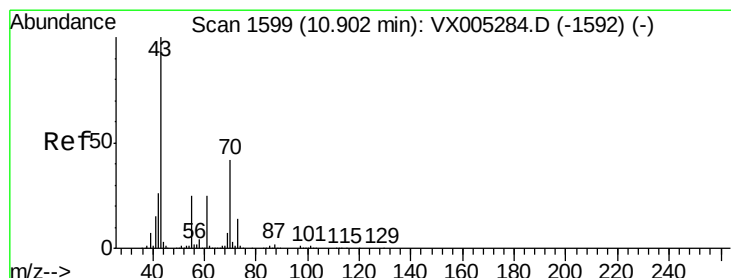
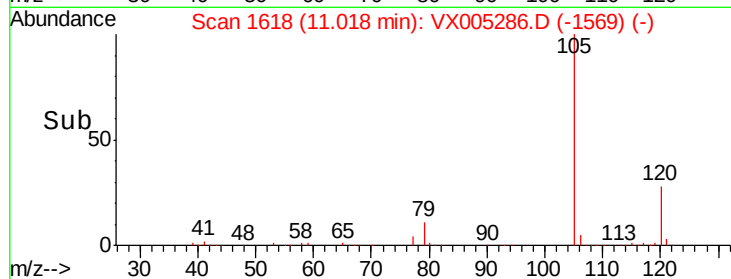
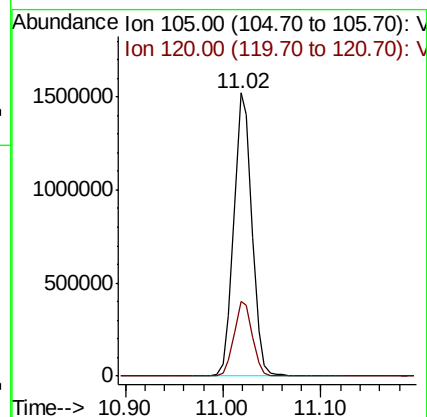
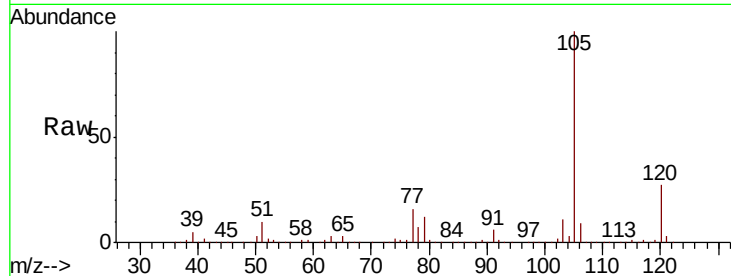
120 26.8 13.5 40.4

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#74

N-ethyl acetate

Concen: 170.548 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Tgt Ion: 43 Resp: 1083103

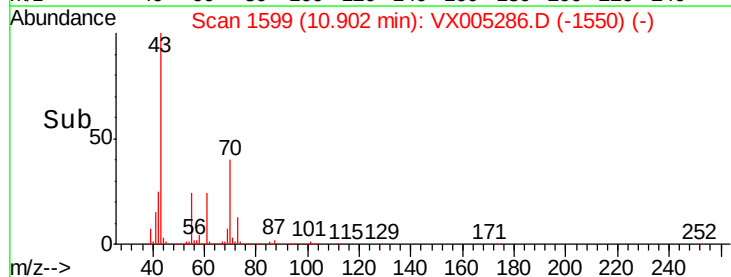
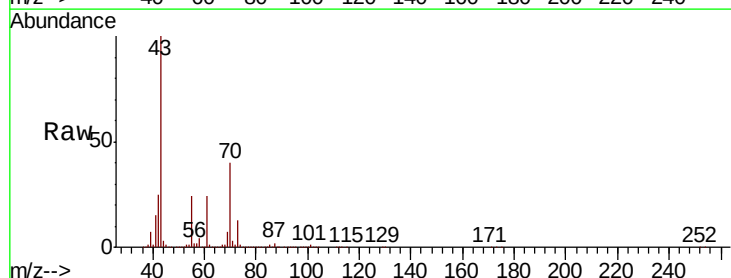
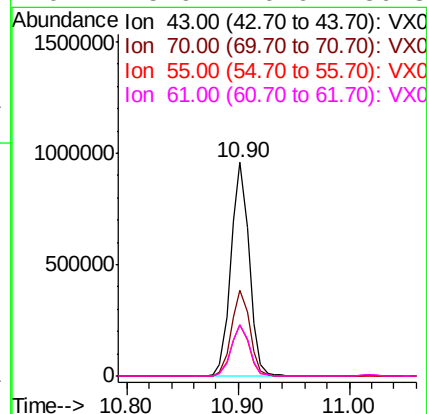
Ion Ratio Lower Upper

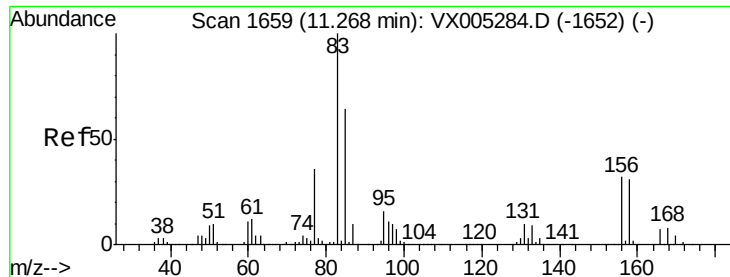
43 100

70 40.6 37.4 56.0

55 23.9 21.8 32.8

61 23.9 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 147.472 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 751331
Ion Ratio Lower Upper

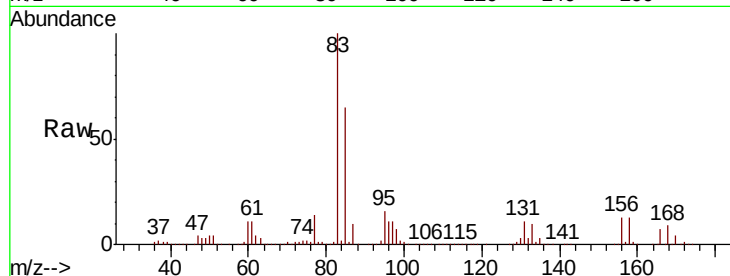
83 100

131 10.5 5.2 15.6

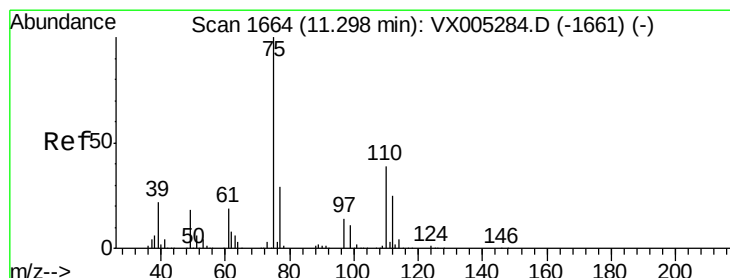
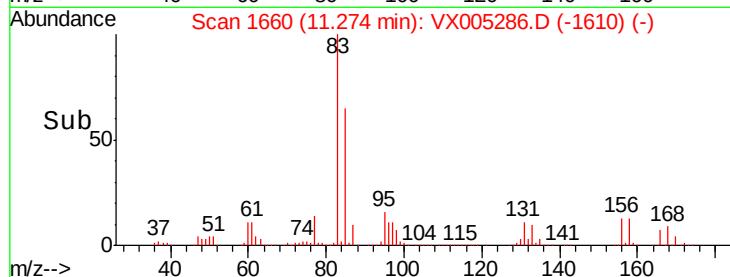
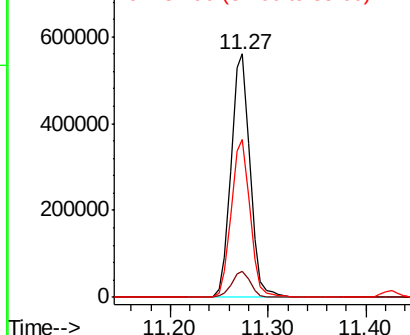
85 64.8 32.3 96.8

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 134.821 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

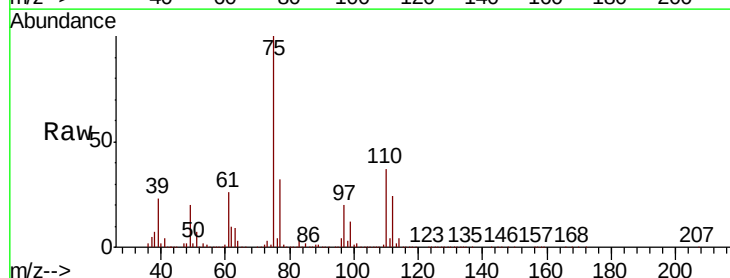
Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

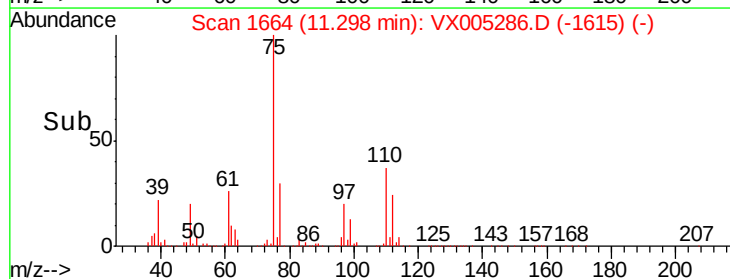
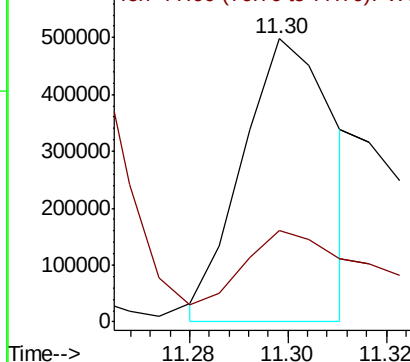
Tgt Ion: 75 Resp: 644604
Ion Ratio Lower Upper

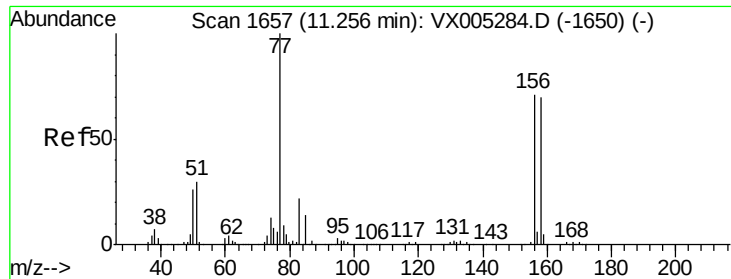
75 100

77 46.0 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 141.412 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 156 Resp: 549792

Ion Ratio Lower Upper

156 100

77 144.5 71.5 214.3

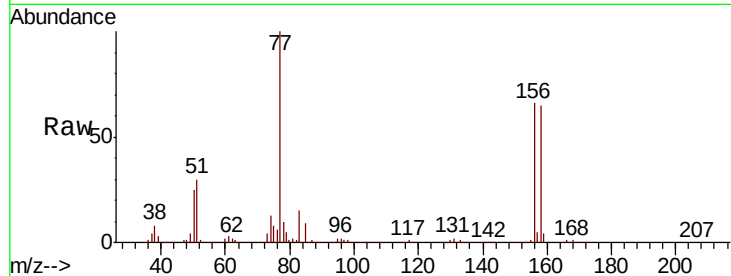
158 98.1 48.9 146.8

Manual Integrations

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MMDadoda

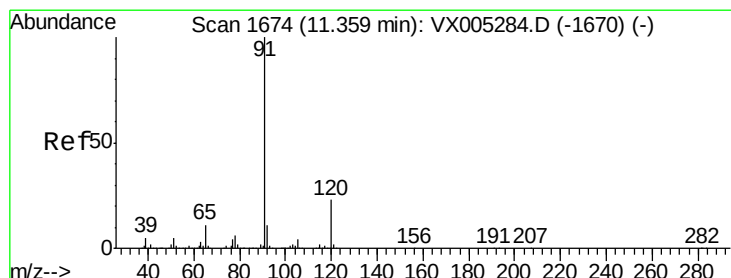
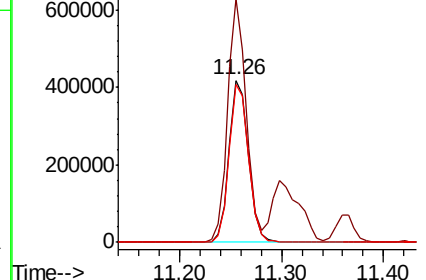
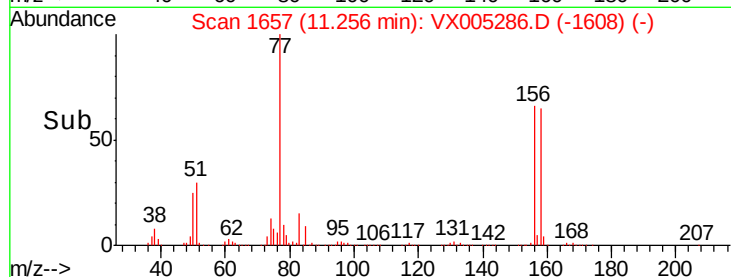
10/17/2018 9:04:41 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 150.670 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005286.D

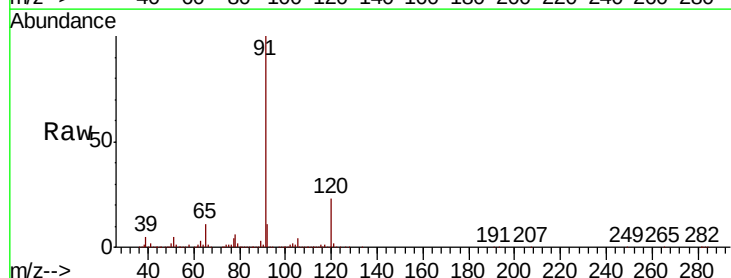
Acq: 12 Oct 2018 10:58

Tgt Ion: 91 Resp: 2333319

Ion Ratio Lower Upper

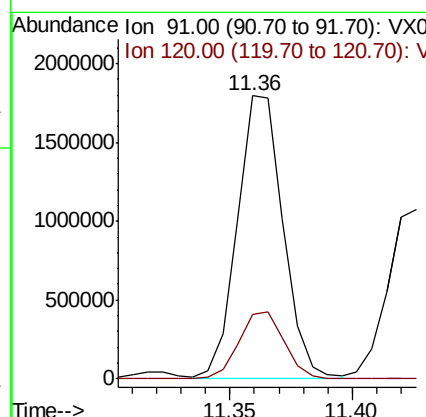
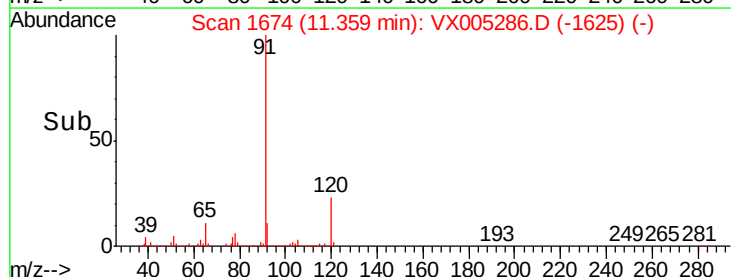
91 100

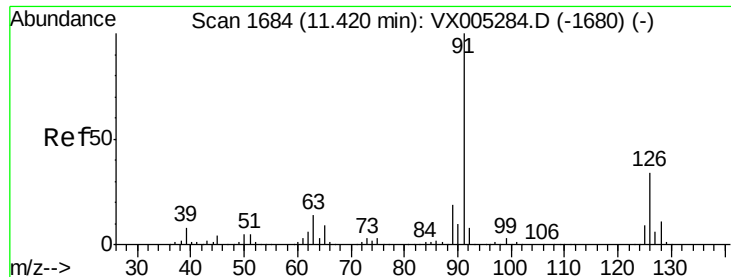
120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 147.209 ug/l

RT: 11.43 min Scan# 1685

Delta R.T. 0.01 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1401567

Ion Ratio Lower Upper

91 100

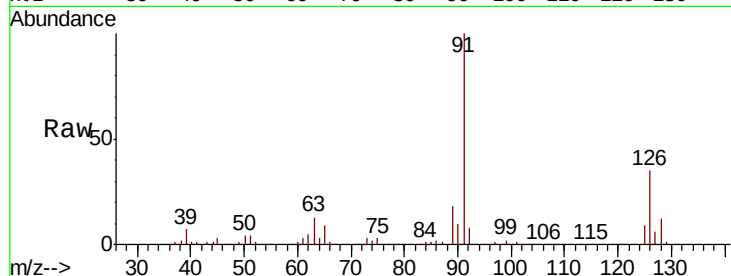
126 34.7 17.9 53.7

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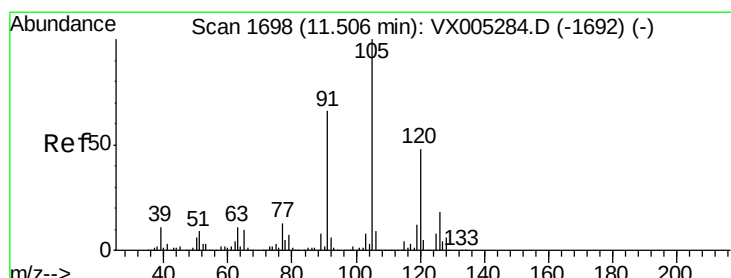
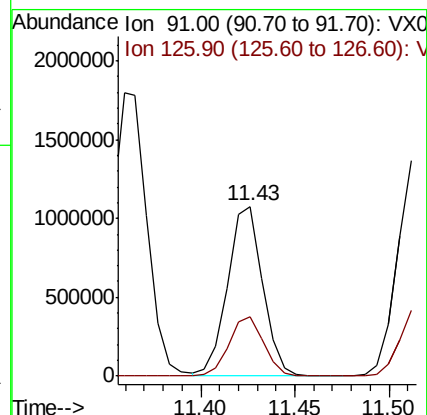
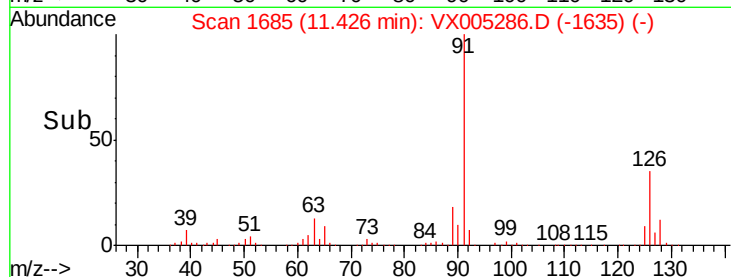
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Abundance Ion 91.00 (90.70 to 91.70): VX005284.D (-1680) (-)

Ion 125.90 (125.60 to 126.60): VX005284.D (-1680) (-)



#80

1,3,5-Trimethylbenzene

Concen: 152.287 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX005286.D

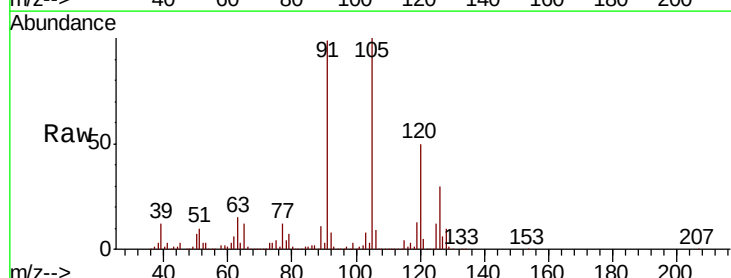
Acq: 12 Oct 2018 10:58

Tgt Ion: 105 Resp: 1751876

Ion Ratio Lower Upper

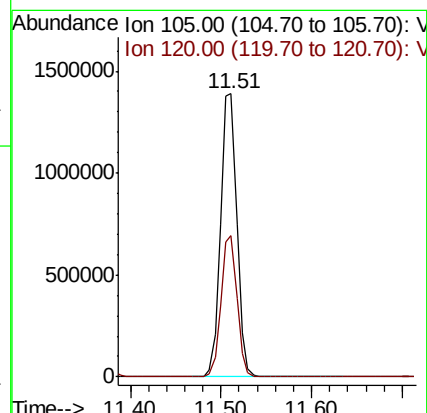
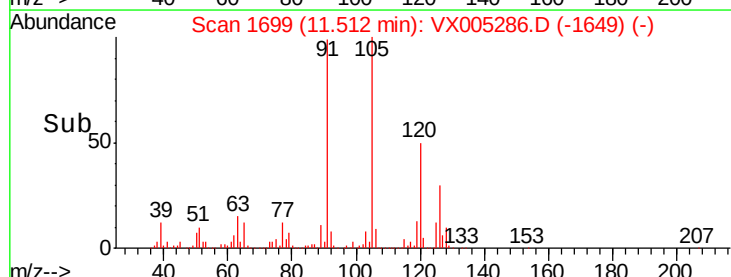
105 100

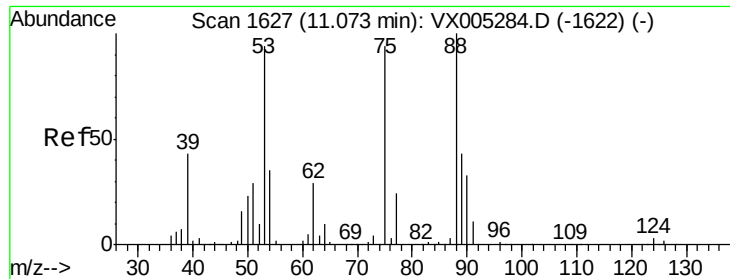
120 49.1 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX005284.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005284.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 178.415 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 250137
Ion Ratio Lower Upper

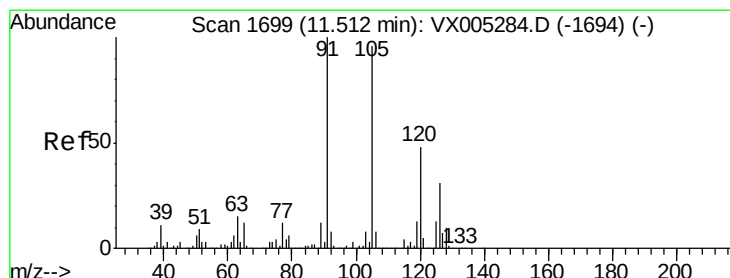
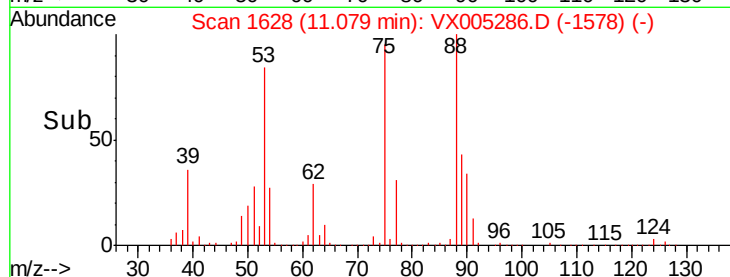
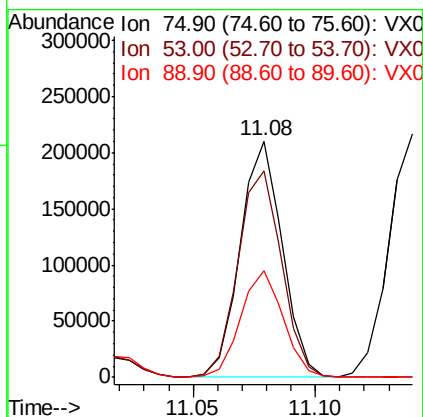
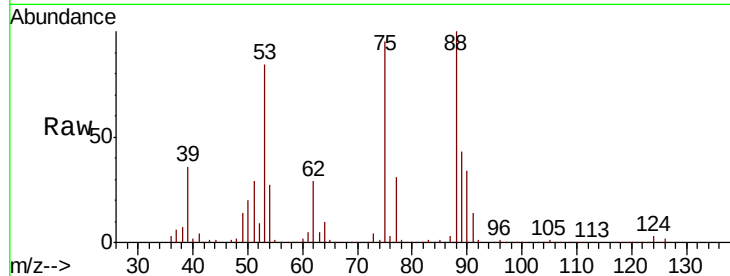
75 100

53 91.0 80.1 120.1

89 46.0 37.2 55.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 149.544 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

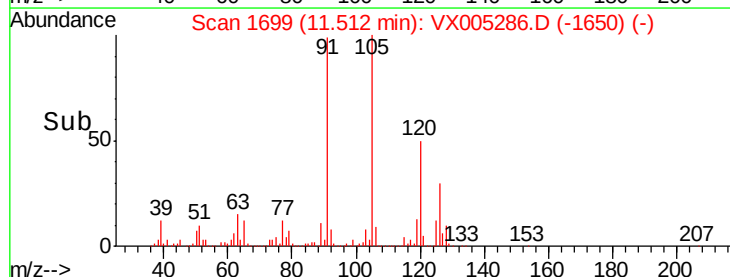
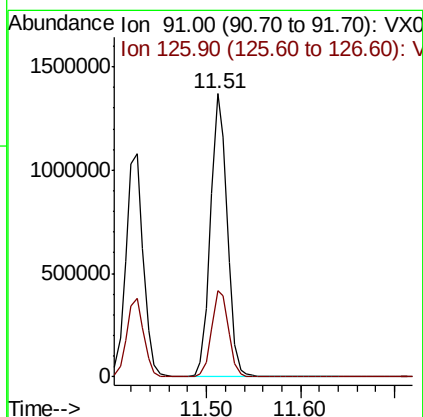
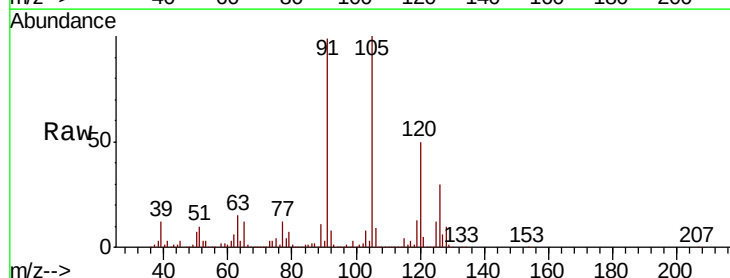
Lab File: VX005286.D

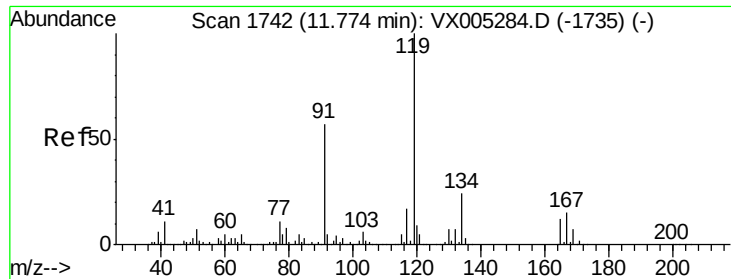
Acq: 12 Oct 2018 10:58

Tgt Ion: 91 Resp: 1683417
Ion Ratio Lower Upper

91 100

126 31.0 15.5 46.5





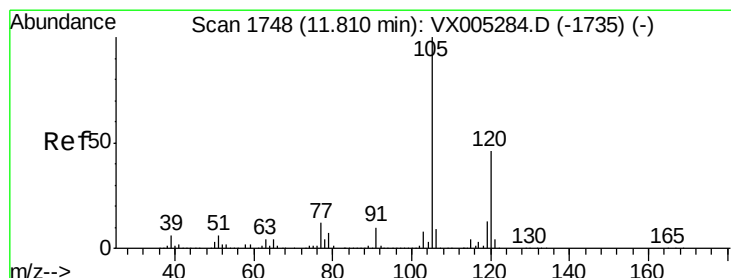
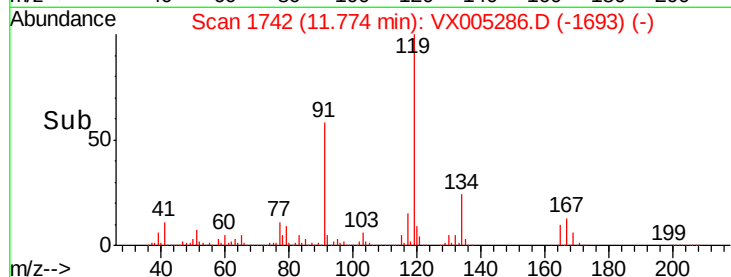
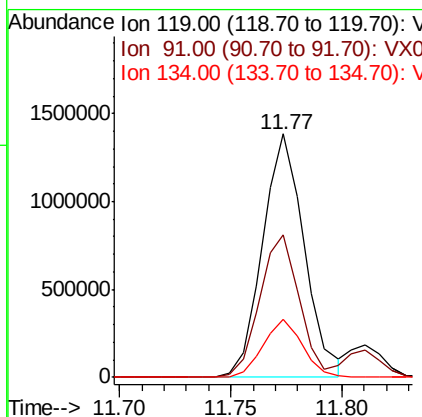
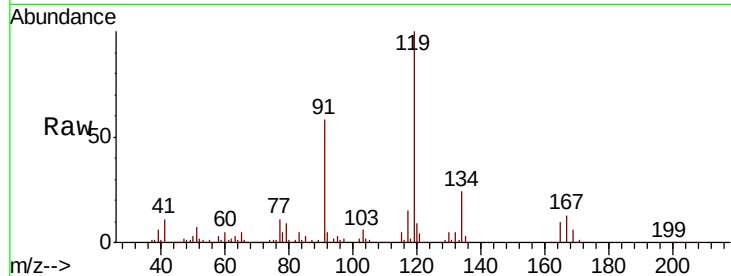
#83
 tert-Butylbenzene
 Concen: 155.306 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005286.D
 Acq: 12 Oct 2018 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:119 Resp: 1803165
 Ion Ratio Lower Upper
 119 100
 91 55.2 27.0 81.0
 134 22.6 11.7 35.1

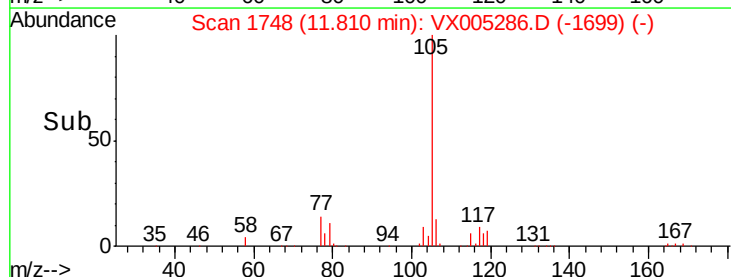
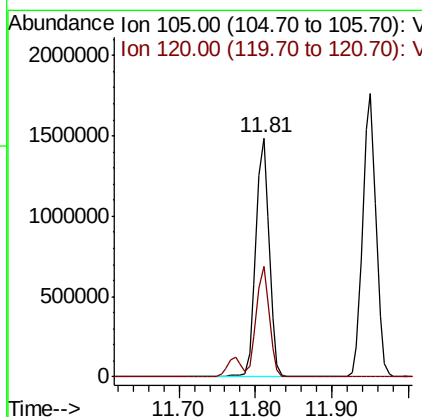
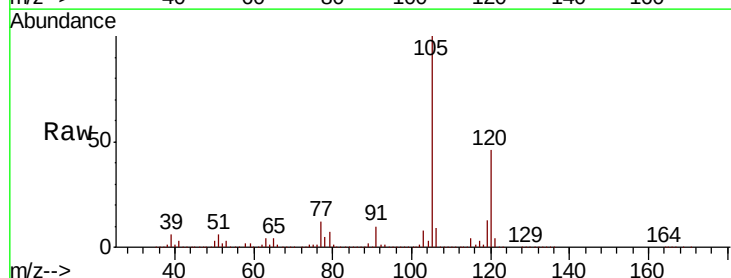
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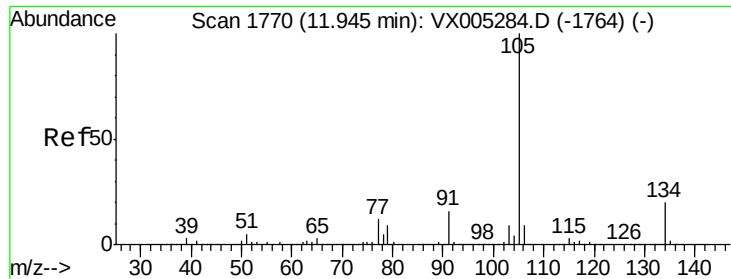
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#84
 1,2,4-Trimethylbenzene
 Concen: 154.116 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005286.D
 Acq: 12 Oct 2018 10:58

Tgt Ion:105 Resp: 1820805
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 154.849 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:105 Resp: 2128709

Ion Ratio Lower Upper

105 100

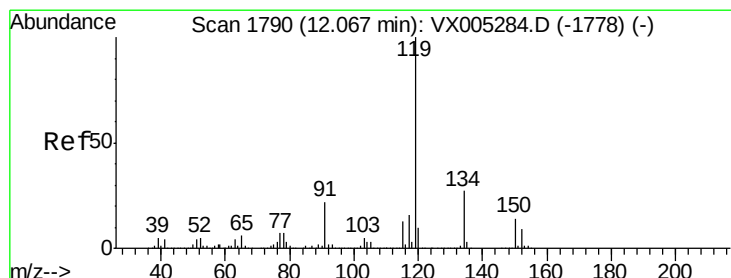
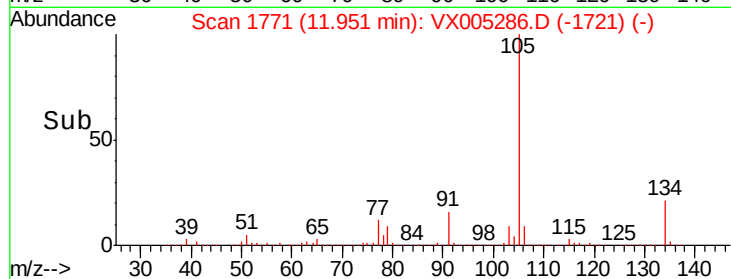
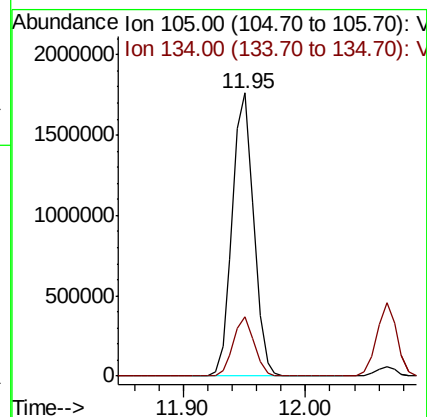
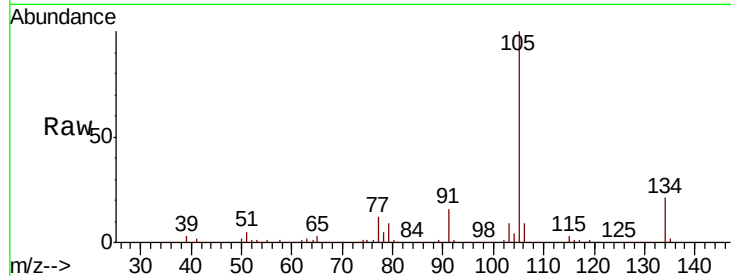
134 20.5 10.5 31.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 158.137 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

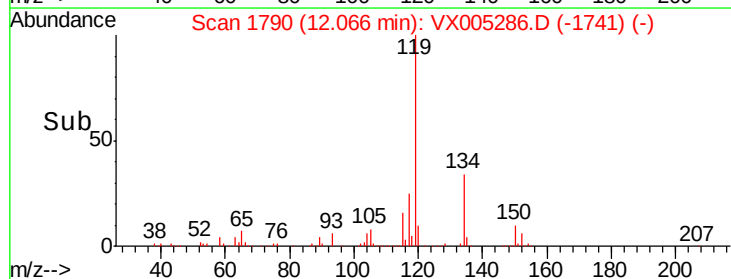
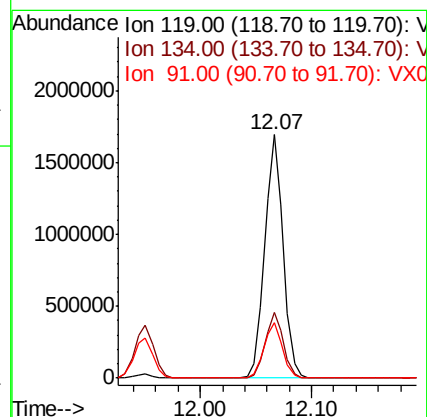
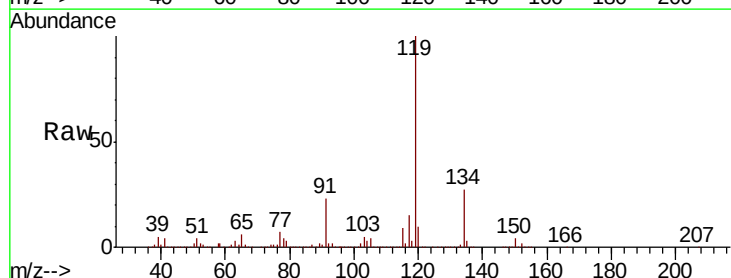
Tgt Ion:119 Resp: 1957762

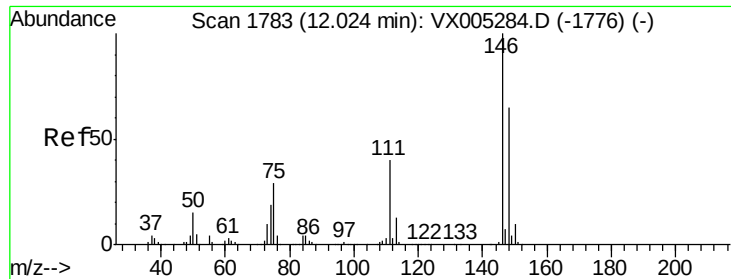
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 22.9 10.9 32.7





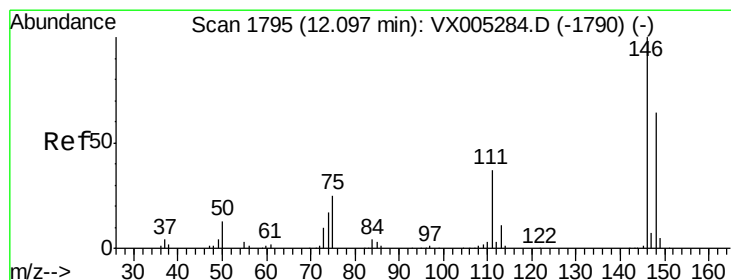
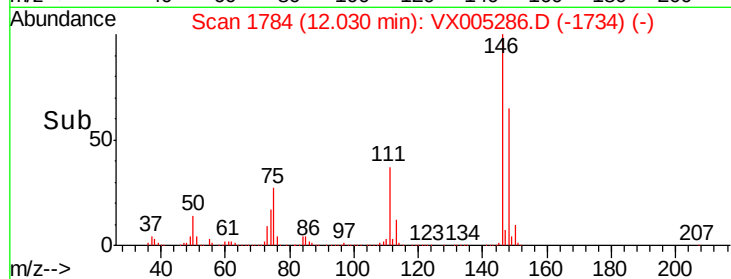
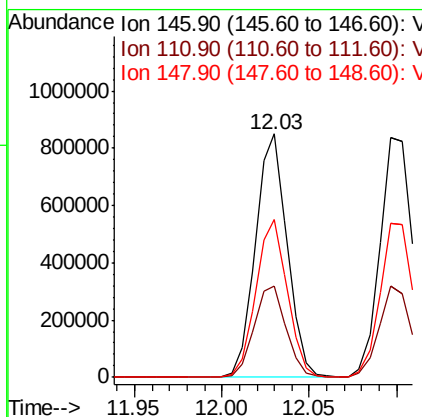
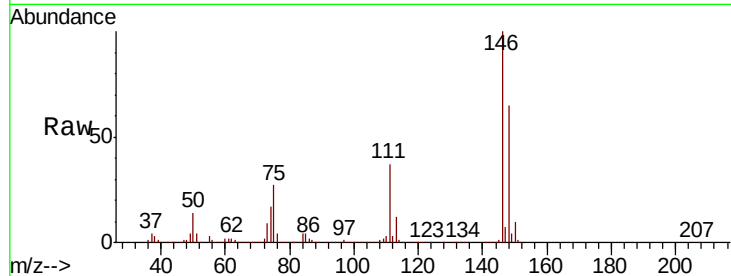
#87
 1,3-Dichlorobenzene
 Concen: 148.258 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: VX005286.D
 Acq: 12 Oct 2018 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 1068882
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.7 56.1
 148 64.3 32.1 96.5

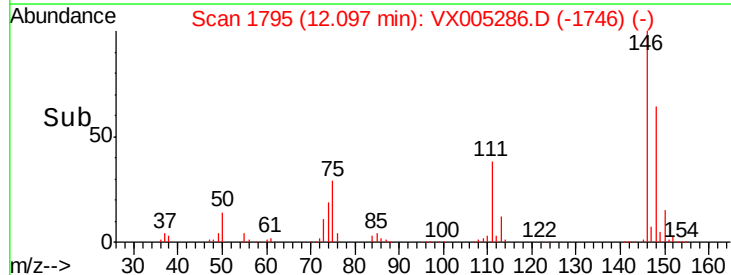
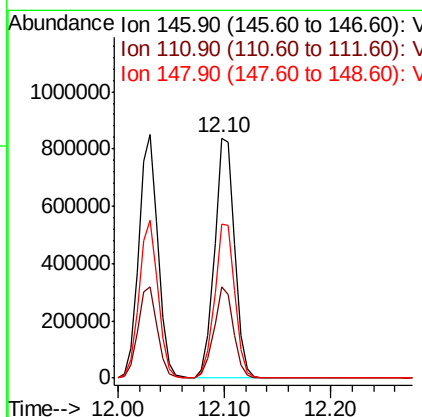
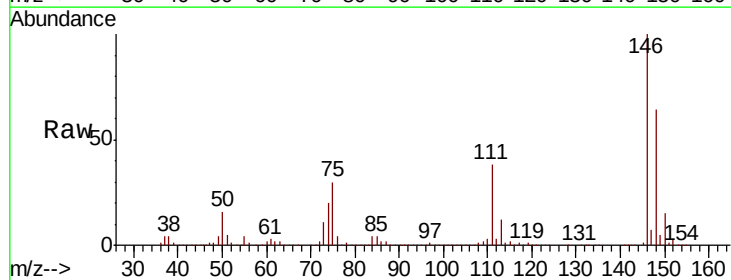
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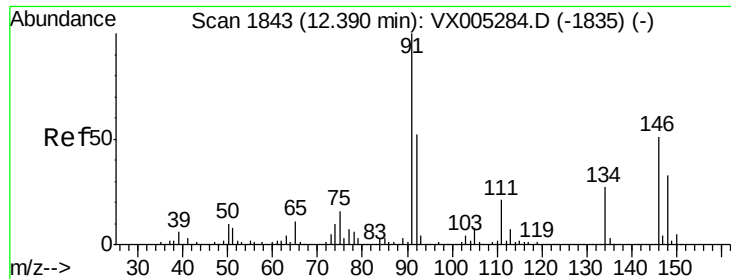
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 147.595 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005286.D
 Acq: 12 Oct 2018 10:58

Tgt Ion:146 Resp: 1089386
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.1 54.1
 148 64.4 32.0 96.0





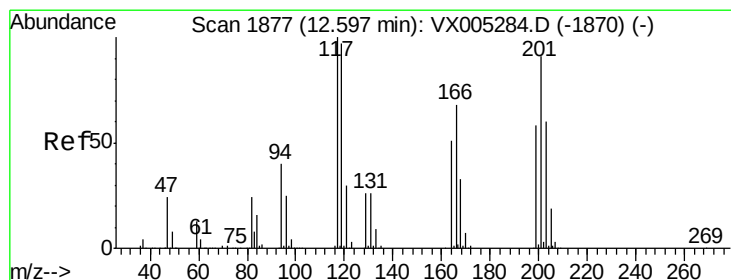
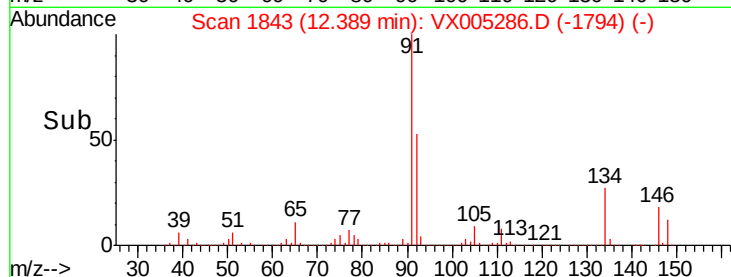
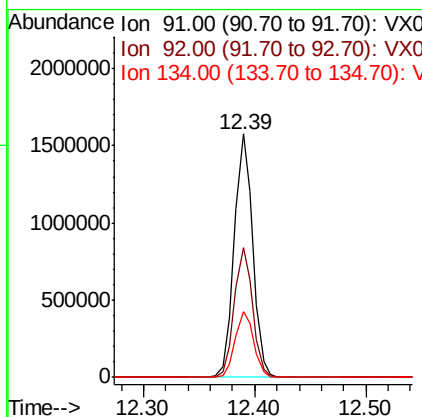
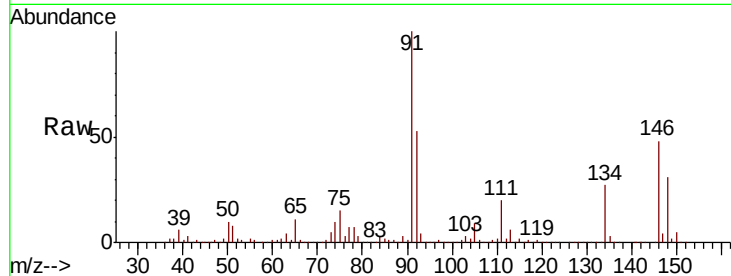
#89
n-Butylbenzene
Concen: 161.112 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1805104
Ion Ratio Lower Upper
91 100
92 53.0 27.3 81.9
134 27.1 13.6 40.7

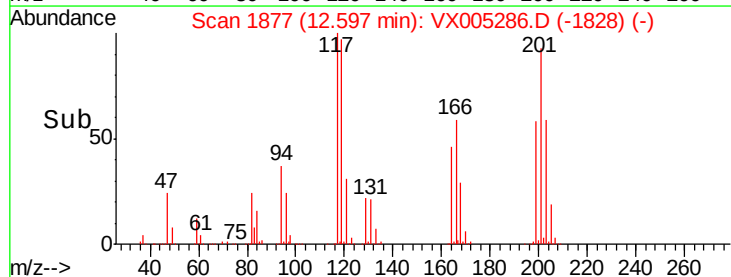
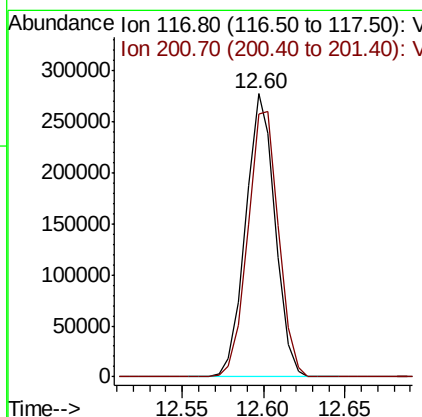
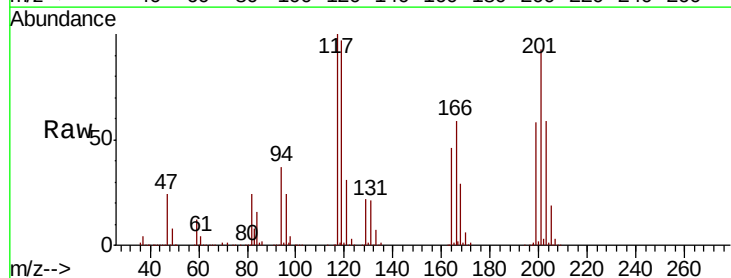
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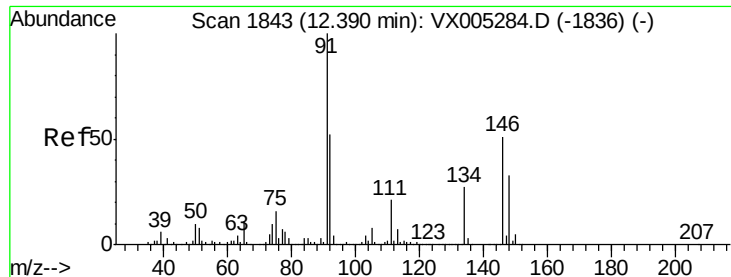
MMDadoda
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#90
Hexachloroethane
Concen: 164.566 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Tgt Ion: 117 Resp: 348649
Ion Ratio Lower Upper
117 100
201 98.4 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 148.081 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 1089682

Ion Ratio Lower Upper

146 100

111 39.3 19.4 58.1

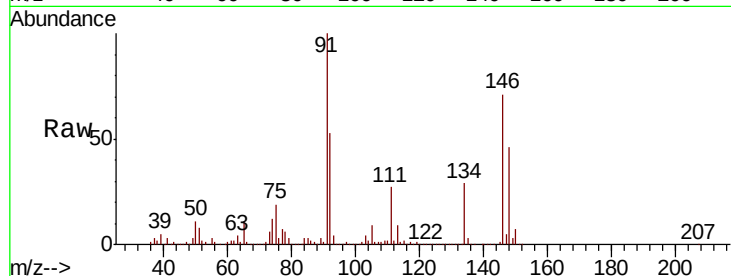
148 64.4 32.8 98.3

Manual Integrations

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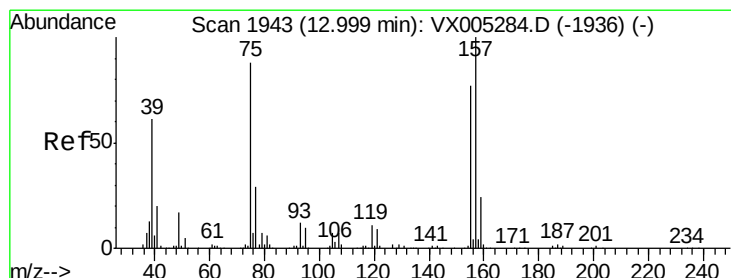
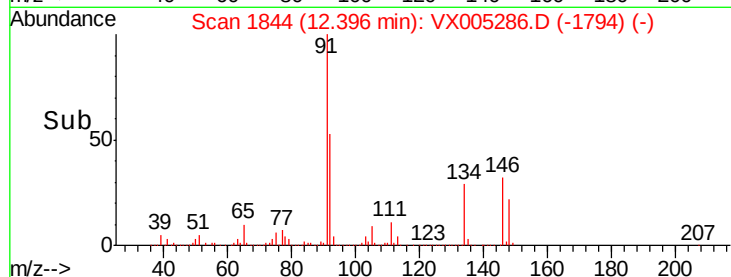
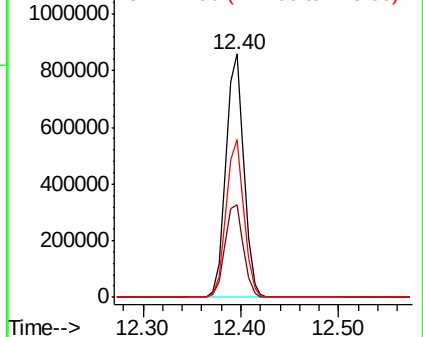


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 153.302 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005286.D

Acq: 12 Oct 2018 10:58

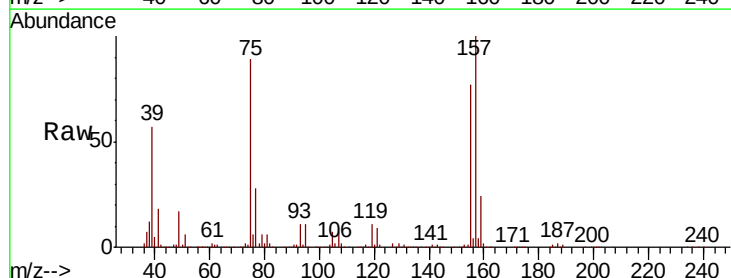
Tgt Ion: 75 Resp: 189287

Ion Ratio Lower Upper

75 100

155 94.5 48.0 144.2

157 121.6 61.4 184.1

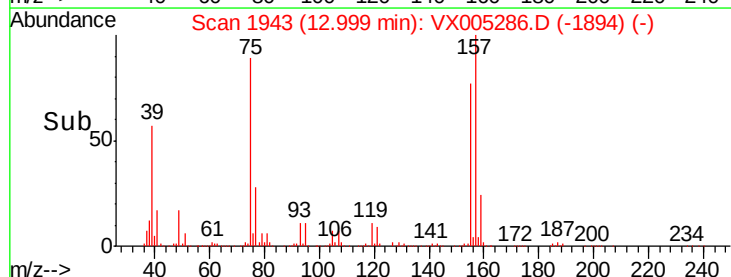
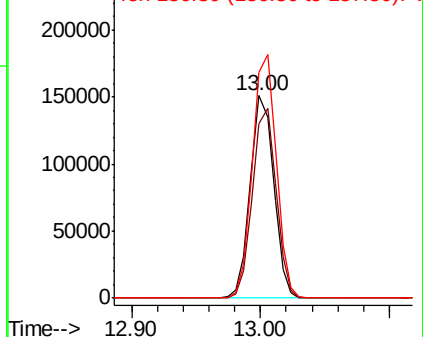


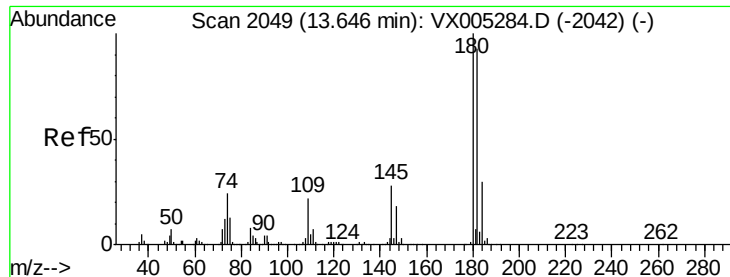
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





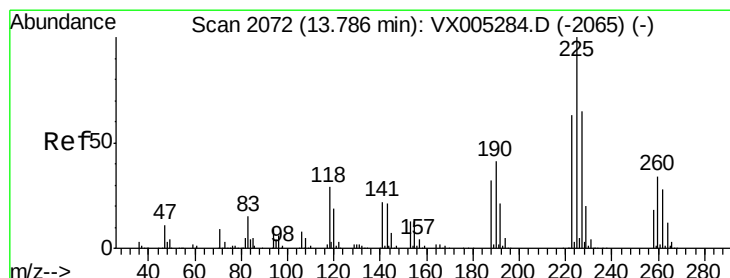
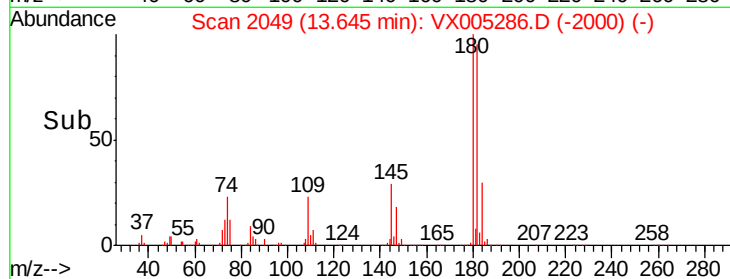
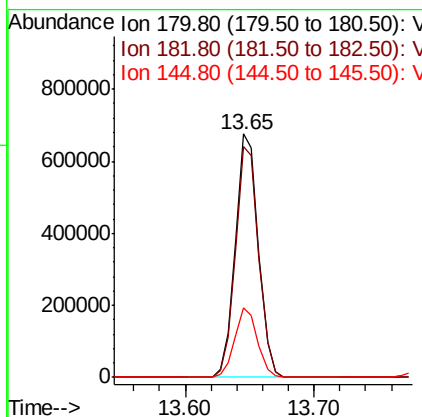
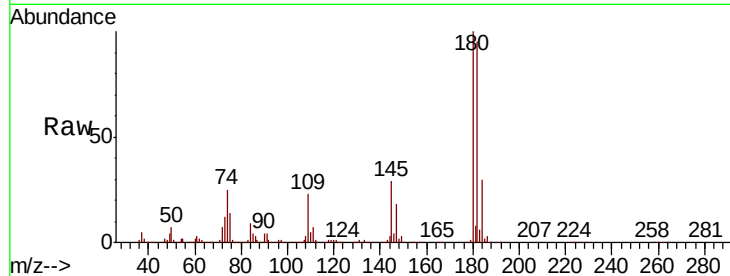
#93
1,2,4-Trichlorobenzene
Concen: 157.445 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	841248		
182	95.3	48.4	145.0	
145	28.0	14.3	42.9	

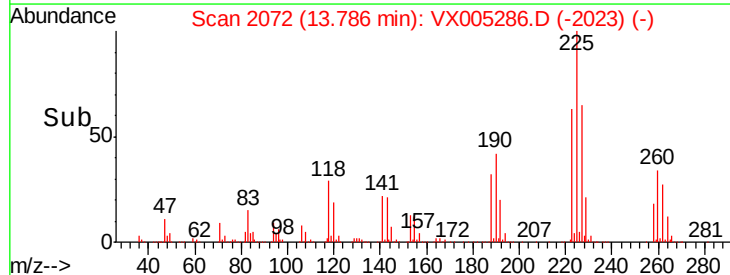
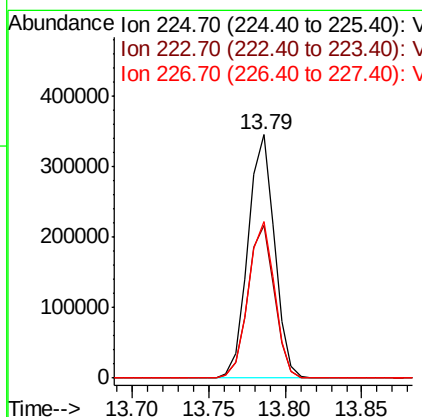
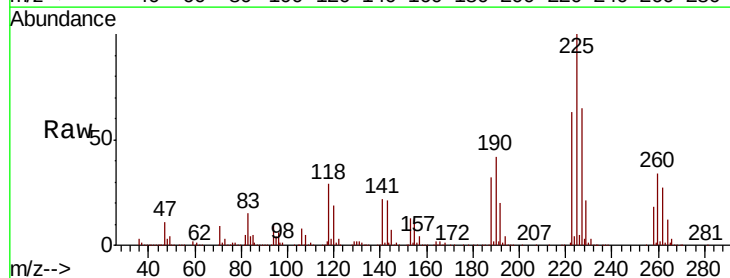
Manual Integrations
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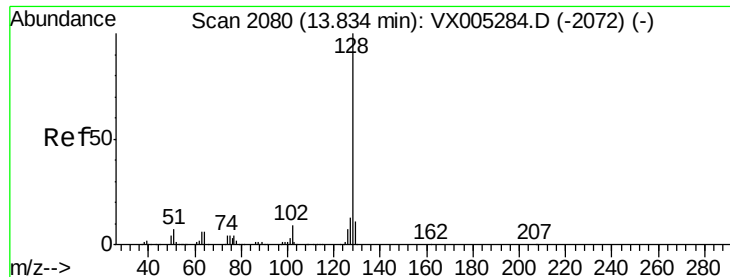
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10/17/2018 9:04:41 AM



#94
Hexachlorobutadiene
Concen: 145.137 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	415205		
223	62.6	30.1	90.5	
227	64.1	30.8	92.4	





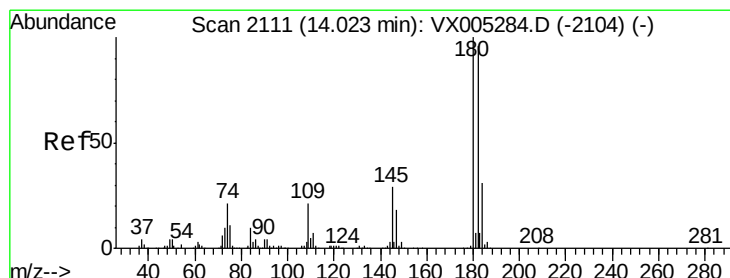
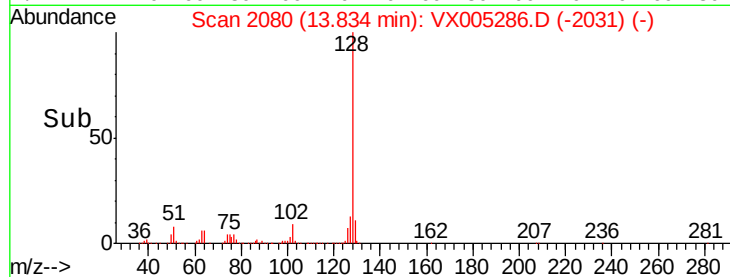
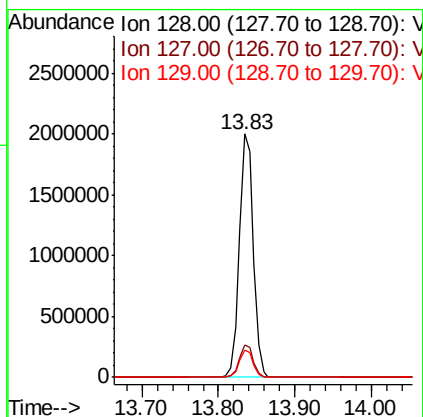
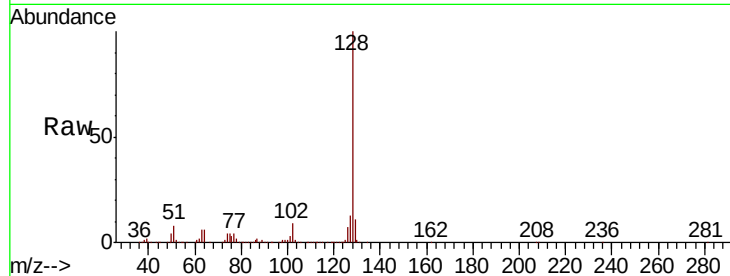
#95
Naphthalene
Concen: 162.036 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	11.0	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:04:41 AM



#96
1,2,3-Trichlorobenzene
Concen: 150.588 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005286.D
Acq: 12 Oct 2018 10:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.5	145.6
145	29.4	14.9	44.9

