

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005386.D
 Acq On : 17 Oct 2018 11:44
 Operator : JC/MD
 Sample : VX1017WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 12:23:20 PM

Quant Time: Oct 17 17:24:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	253030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	361993	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	340317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192677	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	138666	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
35) Dibromofluoromethane	5.51	113	113670	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
50) Toluene-d8	8.71	98	431091	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
62) 4-Bromofluorobenzene	11.14	95	161616	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	39293	19.86 ug/l	92
3) Chloromethane	1.32	50	52506	18.32 ug/l	100
4) Vinyl Chloride	1.40	62	53563	18.44 ug/l	99
5) Bromomethane	1.64	94	33753	20.92 ug/l	98
6) Chloroethane	1.71	64	34404	19.08 ug/l	97
7) Trichlorofluoromethane	1.92	101	78215	20.18 ug/l	94
8) Diethyl Ether	2.19	74	32186	19.45 ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	45928	20.53 ug/l	96
10) Methyl Iodide	2.51	142	49239	21.57 ug/l	98
11) Tert butyl alcohol	3.07	59	79087	99.84 ug/l	100
12) 1,1-Dichloroethene	2.37	96	43354	19.56 ug/l	96
13) Acrolein	2.29	56	33276	64.22 ug/l	97
14) Allyl chloride	2.73	41	92473	19.01 ug/l	96
15) Acrylonitrile	3.15	53	171619	95.60 ug/l	98
16) Acetone	2.45	43	153887	94.78 ug/l	96
17) Carbon Disulfide	2.57	76	118900	17.71 ug/l	99
18) Methyl Acetate	2.78	43	95664	20.71 ug/l	95
19) Methyl tert-butyl Ether	3.20	73	160900	20.61 ug/l	96
20) Methylene Chloride	2.85	84	51364	20.95 ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	47170	19.21 ug/l	96
22) Diisopropyl ether	3.87	45	154714	18.93 ug/l	98
23) Vinyl Acetate	3.82	43	662975	92.82 ug/l	97
24) 1,1-Dichloroethane	3.70	63	91722	19.58 ug/l	99
25) 2-Butanone	4.70	43	224790	94.62 ug/l	94
26) 2,2-Dichloropropane	4.58	77	65248	18.63 ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	50017	18.74 ug/l	94
28) Bromochloromethane	5.02	49	43040	20.16 ug/l	95
29) Tetrahydrofuran	5.16	42	145019	95.70 ug/l	93
30) Chloroform	5.21	83	85785	19.73 ug/l	97
31) Cyclohexane	5.57	56	72435	18.76 ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	74141	19.60 ug/l	99
36) 1,1-Dichloropropene	5.80	75	61378	17.51 ug/l	99
37) Ethyl Acetate	4.85	43	80616	17.88 ug/l	99
38) Carbon Tetrachloride	5.78	117	64192	18.22 ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69389	18.29	ug/l	93
40) Benzene	6.14	78	204259	19.42	ug/l	95
41) Methacrylonitrile	5.06	41	45447	18.80	ug/l	97
42) 1,2-Dichloroethane	6.20	62	69574	18.74	ug/l	99
43) Isopropyl Acetate	6.46	43	119146	19.84	ug/l	98
44) Trichloroethene	7.21	130	53645	19.60	ug/l	98
45) 1,2-Dichloropropane	7.51	63	50430	19.55	ug/l	98
46) Dibromomethane	7.66	93	32891	19.32	ug/l	98
47) Bromodichloromethane	7.90	83	62973	19.99	ug/l	99
48) Methyl methacrylate	7.77	41	60013	19.27	ug/l	96
49) 1,4-Dioxane	7.76	88	27151	377.90	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	426628	102.59	ug/l	94
52) Toluene	8.79	92	120505	20.94	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	67654	19.85	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	75513	20.45	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	50201	20.60	ug/l	99
56) Ethyl methacrylate	9.18	69	73294	20.63	ug/l	95
57) 1,3-Dichloropropane	9.37	76	83215	20.46	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	213728	107.27	ug/l	95
59) 2-Hexanone	9.50	43	336041	100.45	ug/l	93
60) Dibromochloromethane	9.59	129	51063	20.27	ug/l	99
61) 1,2-Dibromoethane	9.67	107	52373	20.48	ug/l	100
64) Tetrachloroethene	9.34	164	56212	20.52	ug/l	98
65) Chlorobenzene	10.14	112	136973	18.92	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	50280	19.49	ug/l	98
67) Ethyl Benzene	10.25	91	224422	19.07	ug/l	98
68) m/p-Xylenes	10.36	106	177300	38.82	ug/l	95
69) o-Xylene	10.70	106	84912	19.28	ug/l	96
70) Styrene	10.71	104	142908	19.72	ug/l	98
71) Bromoform	10.86	173	42556	18.46	ug/l	99
73) Isopropylbenzene	11.02	105	233297	20.37	ug/l	100
74) N-amyl acetate	10.90	43	105660	19.13	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	82324	19.05	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	86484m	23.14	ug/l	
77) Bromobenzene	11.26	156	65129	19.89	ug/l	100
78) n-propylbenzene	11.36	91	267304	20.28	ug/l	100
79) 2-Chlorotoluene	11.42	91	162532	20.13	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	200283	20.42	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	22437	18.24	ug/l	98
82) 4-Chlorotoluene	11.51	91	189191	19.77	ug/l	99
83) tert-Butylbenzene	11.77	119	197061	19.84	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	207681	20.57	ug/l	98
85) sec-Butylbenzene	11.94	105	238436	20.28	ug/l	98
86) p-Isopropyltoluene	12.07	119	217112	20.44	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	119559	19.54	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	122073	19.50	ug/l	99
89) n-Butylbenzene	12.39	91	184662	19.14	ug/l	98
90) Hexachloroethane	12.60	117	32487	17.74	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	120879	19.36	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19488	18.49	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	90928	19.85	ug/l	98
94) Hexachlorobutadiene	13.79	225	46854	19.36	ug/l	97
95) Naphthalene	13.83	128	269289	20.27	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	93584	19.96	ug/l	99

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

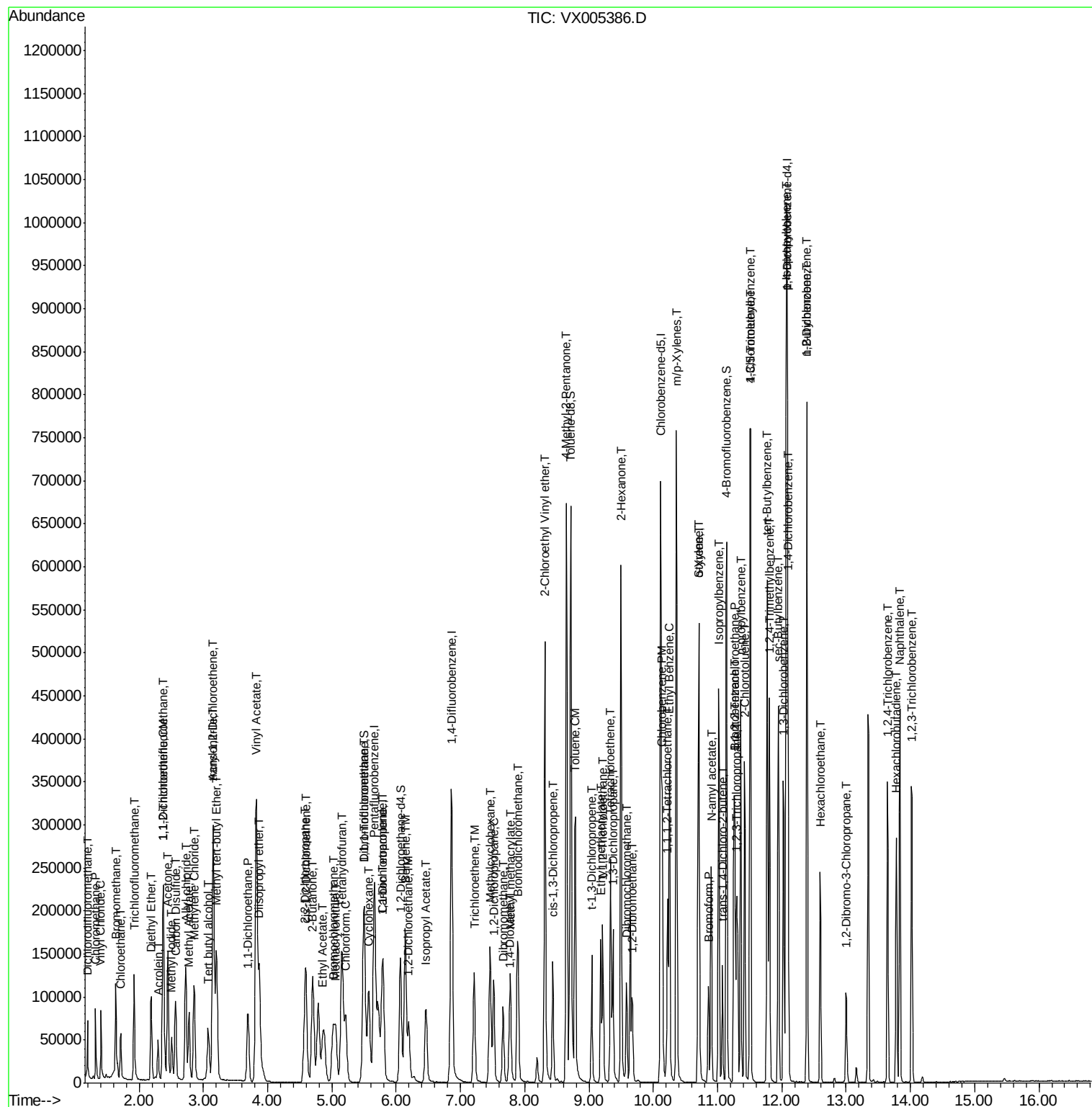
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
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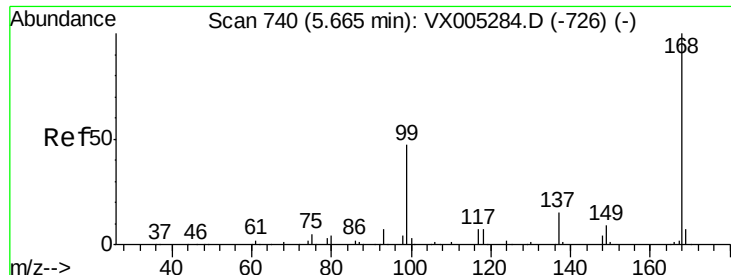
Instrument :
MSVOA_X
Client Sampled :
VX1017WBSD01

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion:168 Resp: 253030

Ion Ratio Lower Upper

168 100

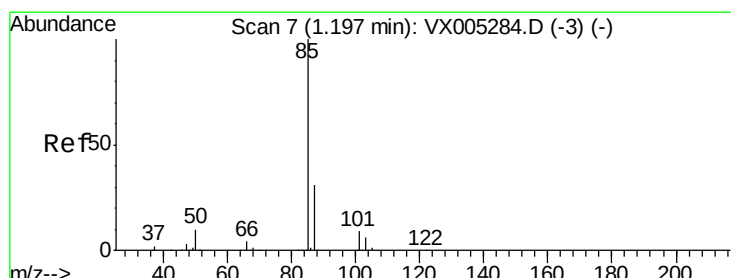
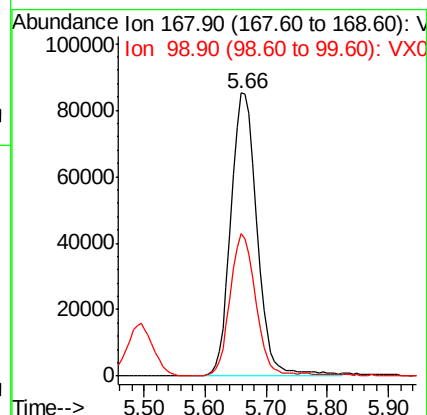
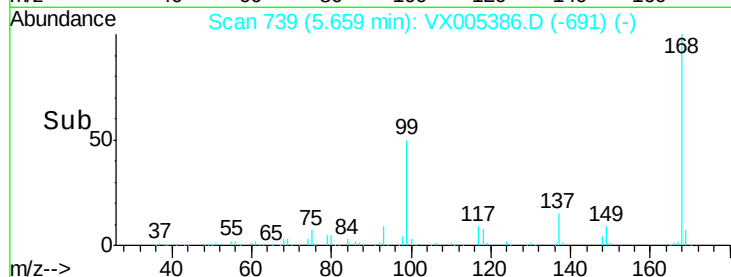
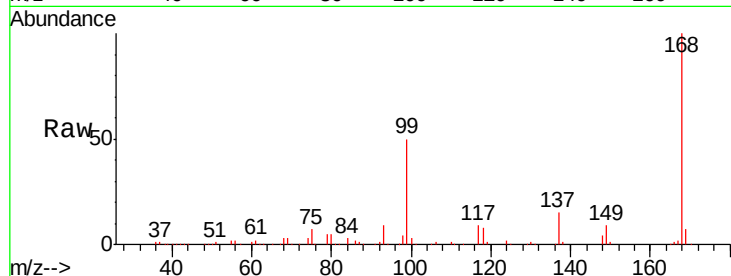
99 50.2 39.9 59.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 19.86 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005386.D

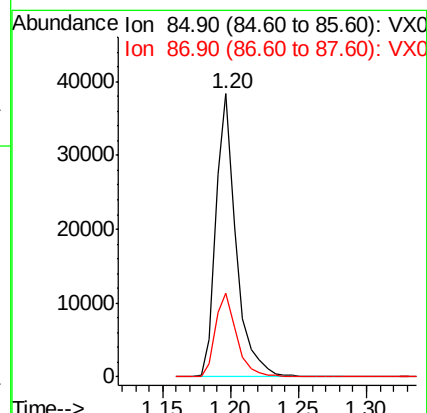
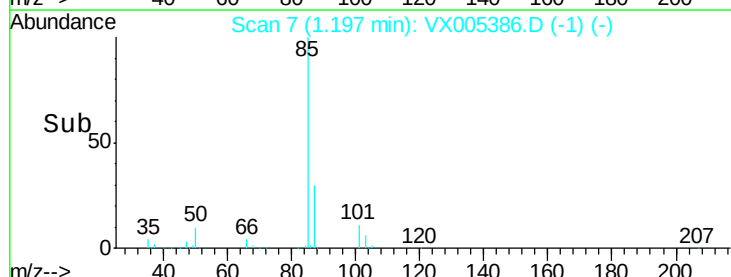
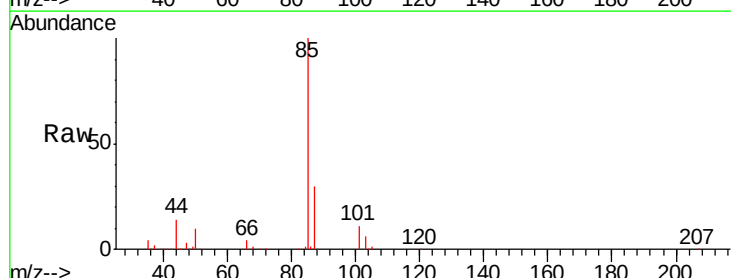
Acq: 17 Oct 2018 11:44

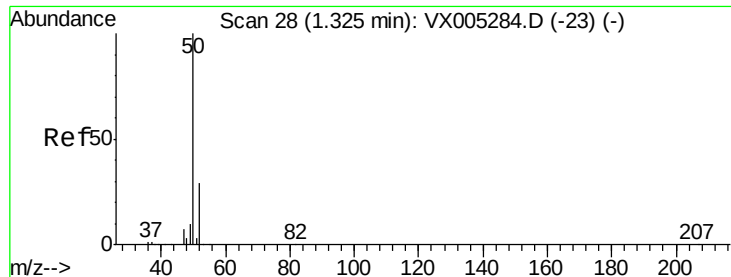
Tgt Ion: 85 Resp: 39293

Ion Ratio Lower Upper

85 100

87 29.5 17.0 50.9





#3

Chloromethane

Concen: 18.32 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 50 Resp: 52506

Ion Ratio Lower Upper

50 100

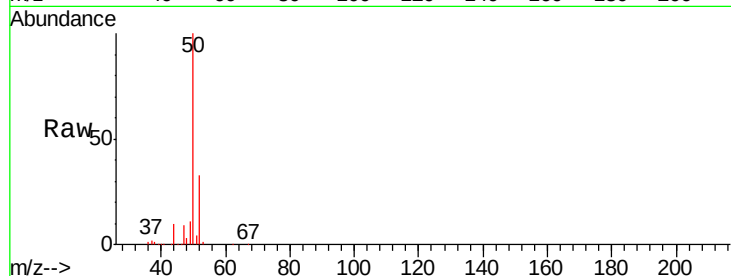
52 32.6 26.2 39.2

Manual Integrations

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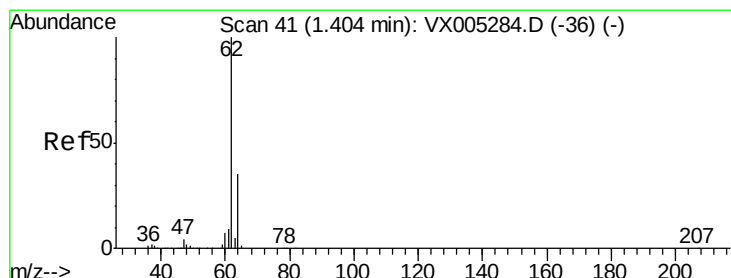
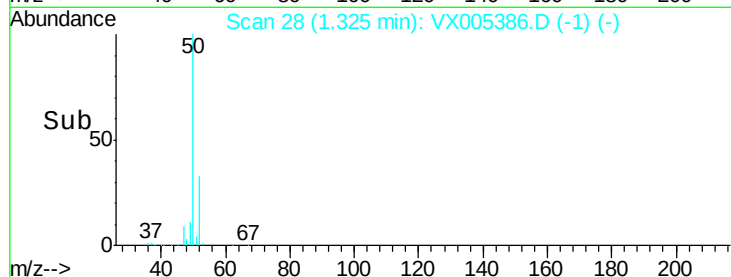
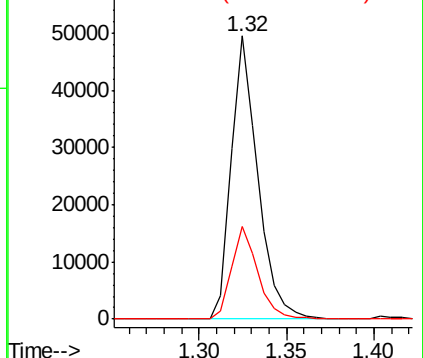
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.44 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005386.D

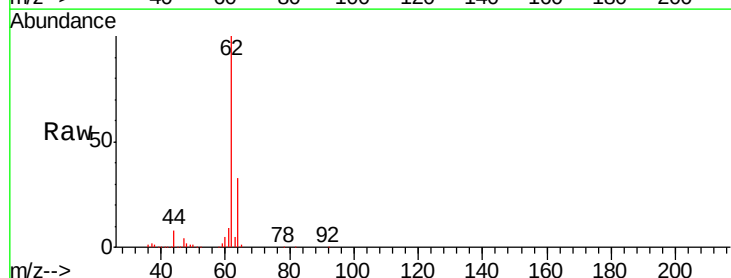
Acq: 17 Oct 2018 11:44

Tgt Ion: 62 Resp: 53563

Ion Ratio Lower Upper

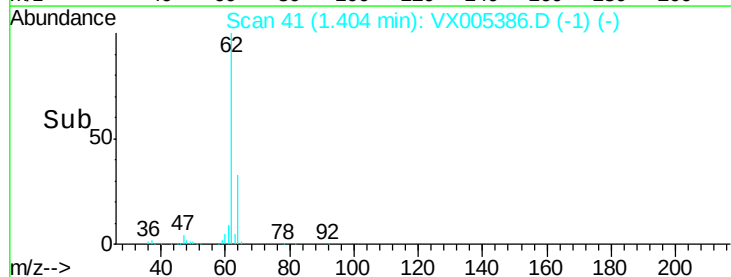
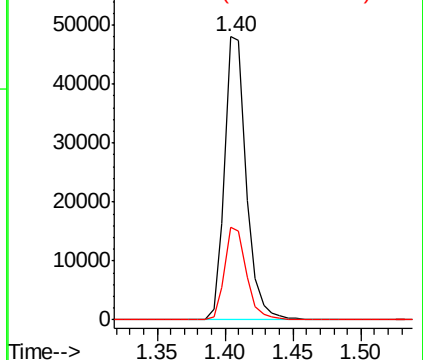
62 100

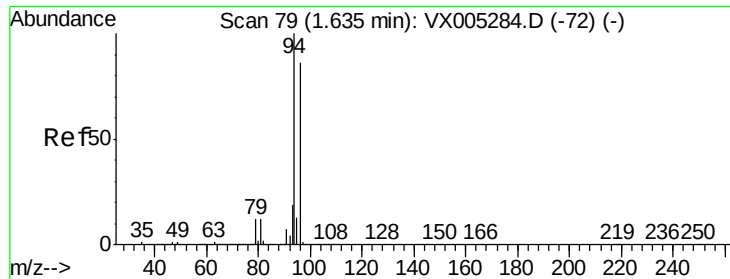
64 32.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.92 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 94 Resp: 33753

Ion Ratio Lower Upper

94 100

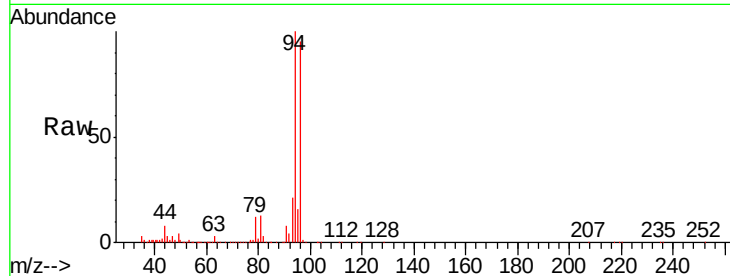
96 94.9 74.5 111.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

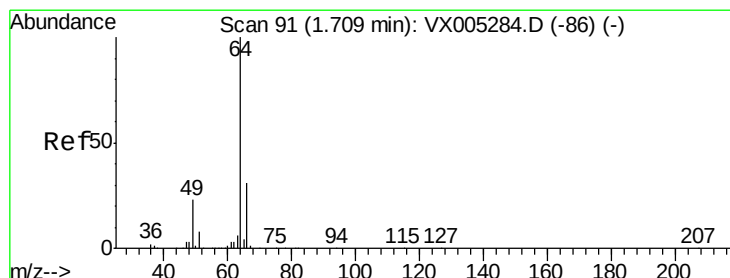
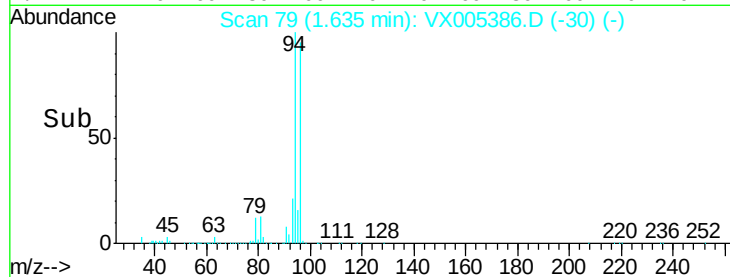
30000

20000

10000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 19.08 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005386.D

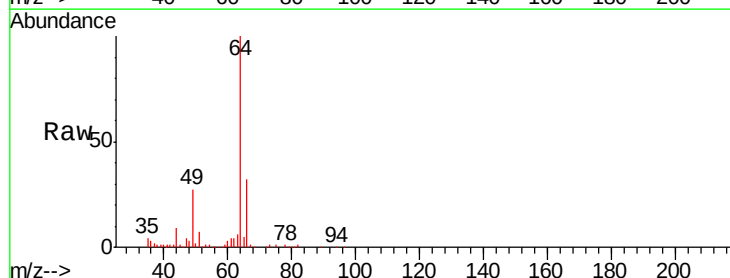
Acq: 17 Oct 2018 11:44

Tgt Ion: 64 Resp: 34404

Ion Ratio Lower Upper

64 100

66 32.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

25000

20000

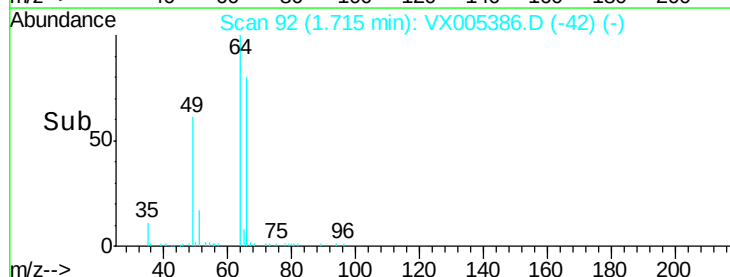
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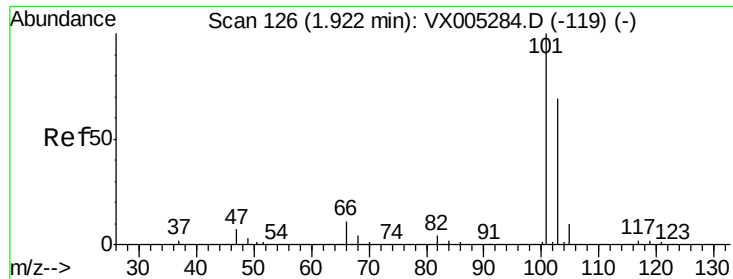
10000

5000

0

Time--> 1.70 1.80





#7

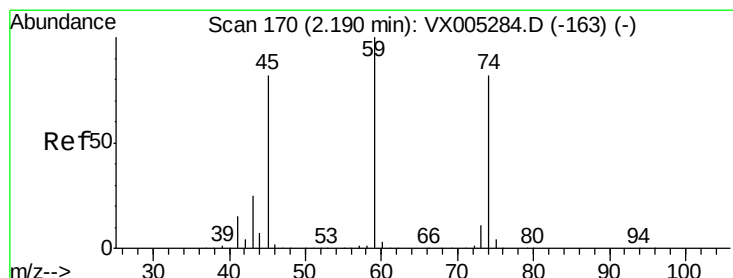
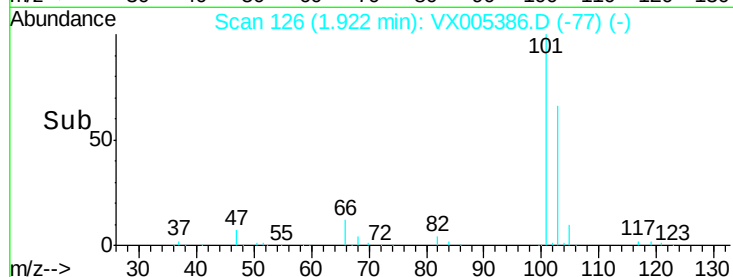
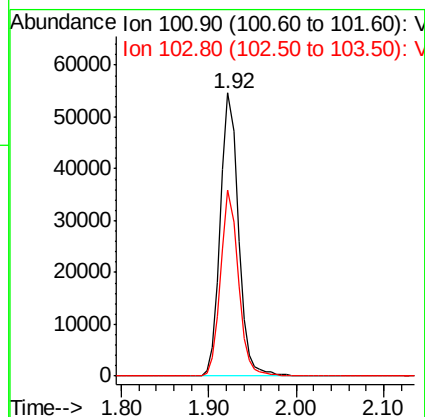
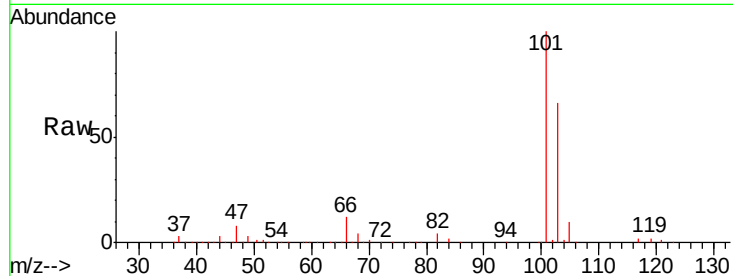
Trichlorofluoromethane
Concen: 20.18 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion: 101 Resp: 78215
Ion Ratio Lower Upper
101 100
103 65.6 48.9 73.3

Manual Integrations
APPROVED

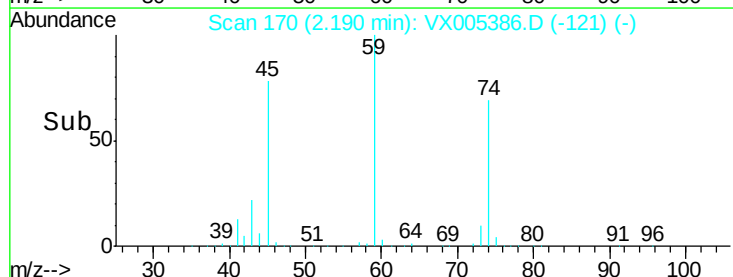
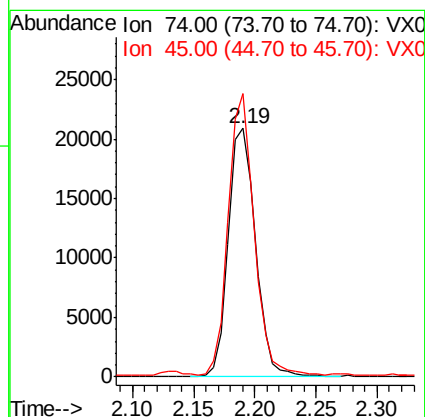
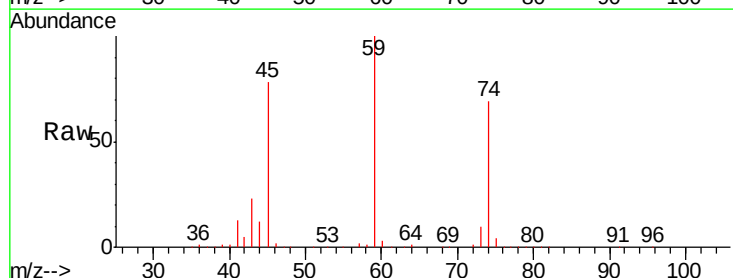
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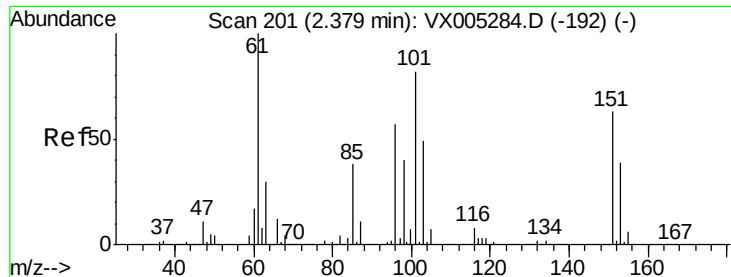


#8

Diethyl Ether
Concen: 19.45 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion: 74 Resp: 32186
Ion Ratio Lower Upper
74 100
45 107.0 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.53 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

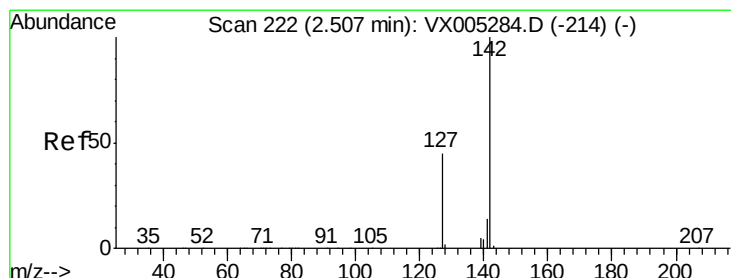
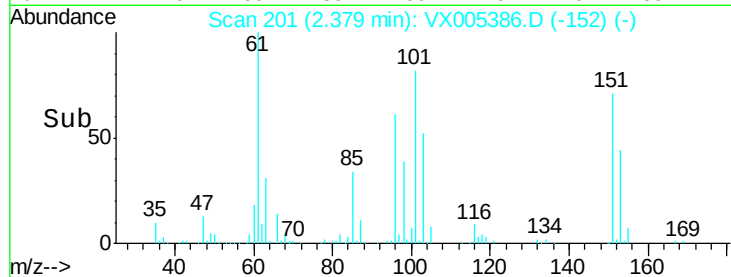
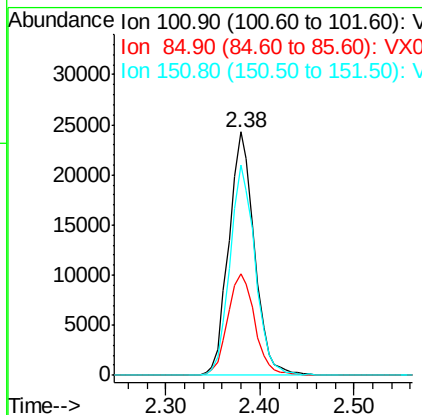
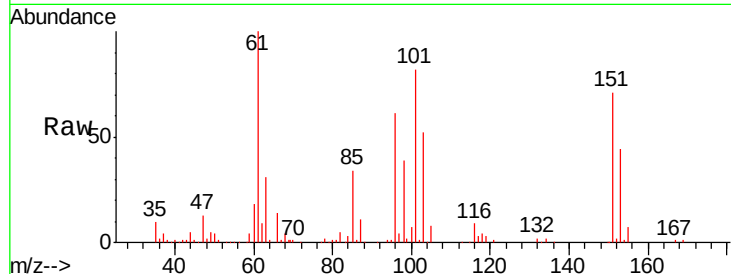
ClientSampleId :

VX1017WBSD01

Tgt Ion:	101	Resp:	45928
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.2	51.4
151	85.2	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 21.57 ug/l

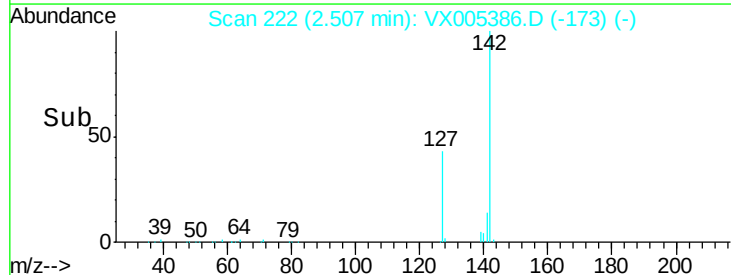
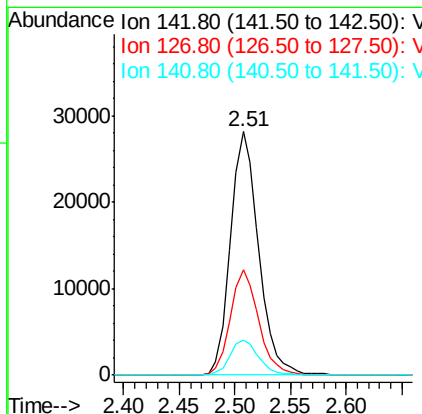
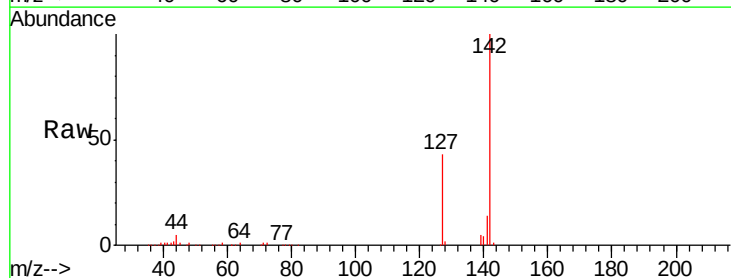
RT: 2.51 min Scan# 222

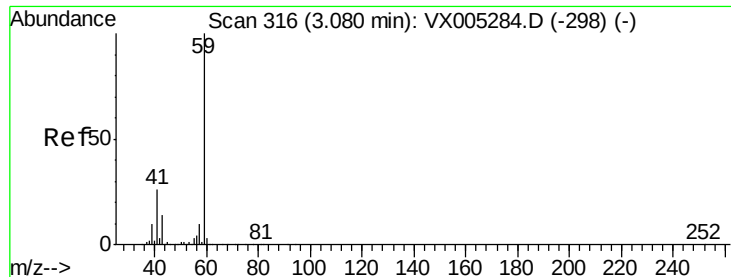
Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Tgt Ion:	142	Resp:	49239
Ion Ratio	Lower	Upper	
142	100		
127	43.6	33.8	50.6
141	14.8	11.4	17.0





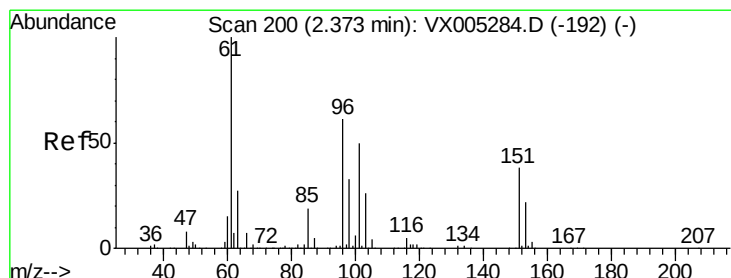
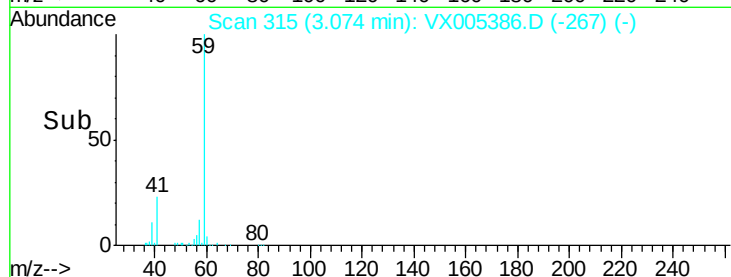
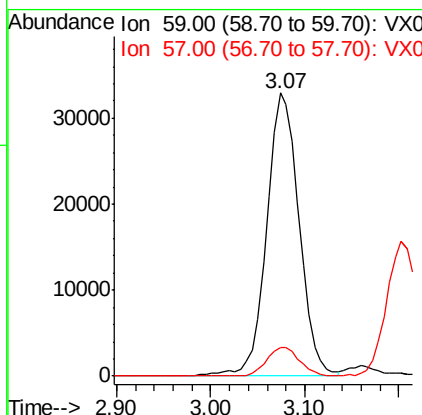
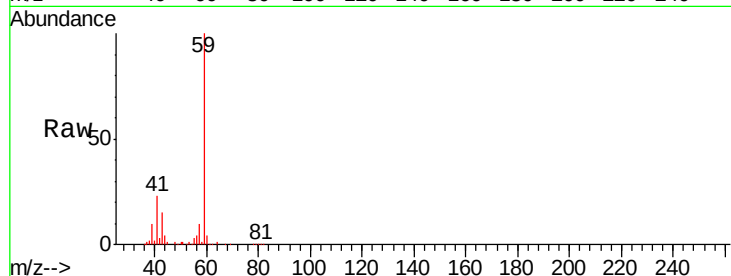
#11
Tert butyl alcohol
Concen: 99.84 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion: 59 Resp: 79087
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

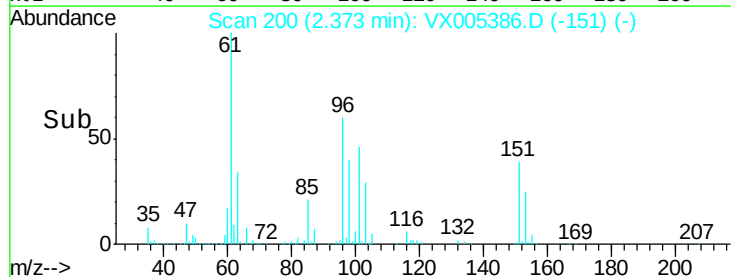
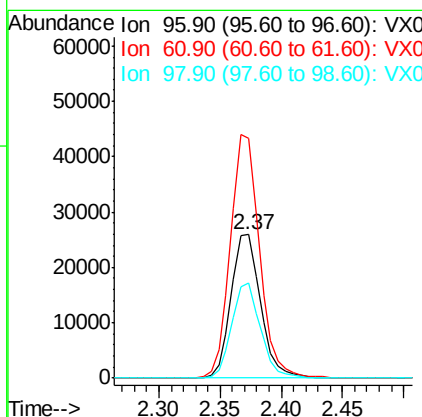
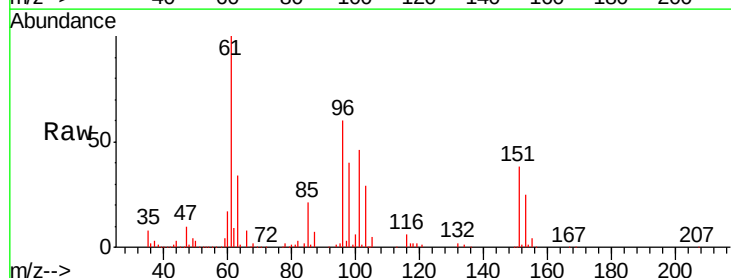
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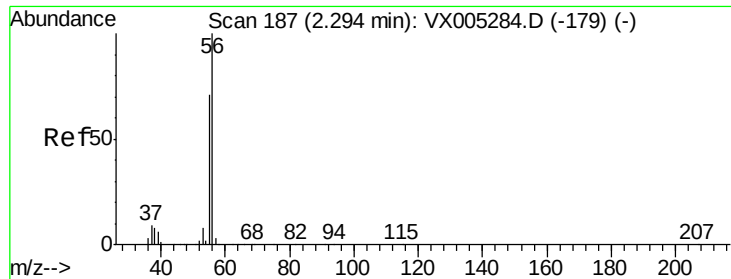
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.56 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion: 96 Resp: 43354
Ion Ratio Lower Upper
96 100
61 167.1 128.8 193.2
98 66.5 52.2 78.2





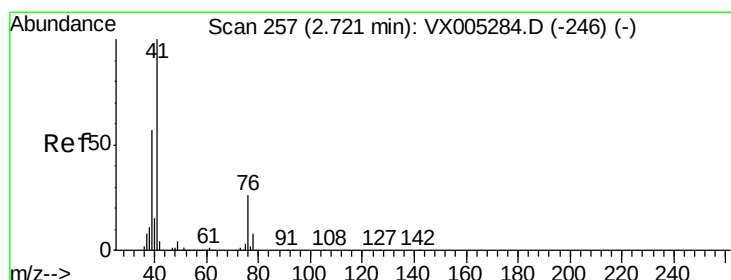
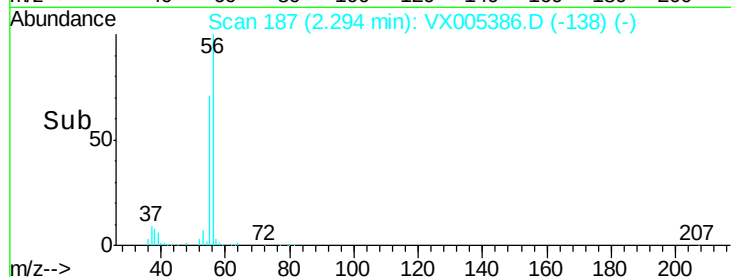
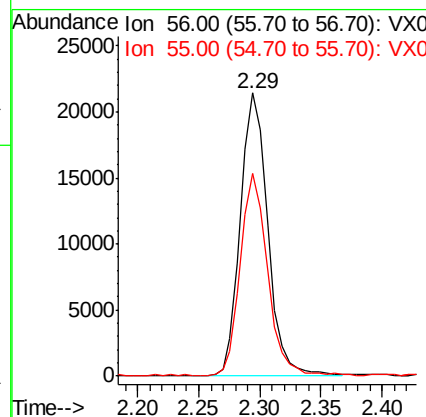
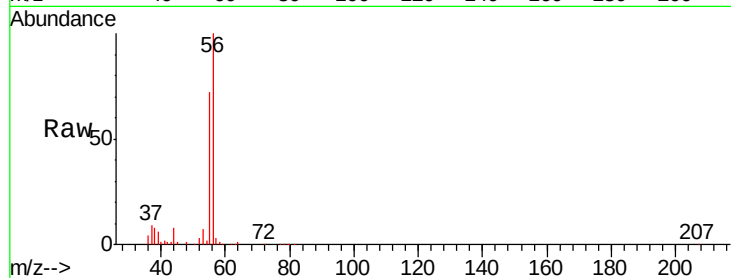
#13
Acrolein
Concen: 64.22 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
55	70.6	54.7	82.1

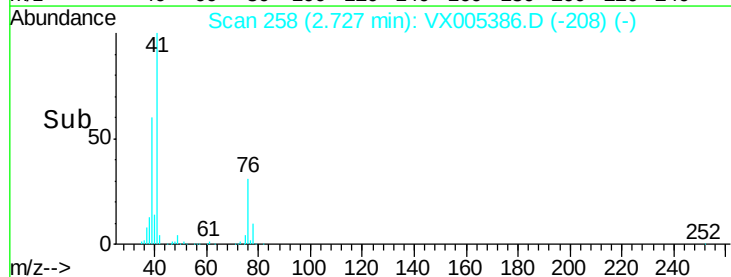
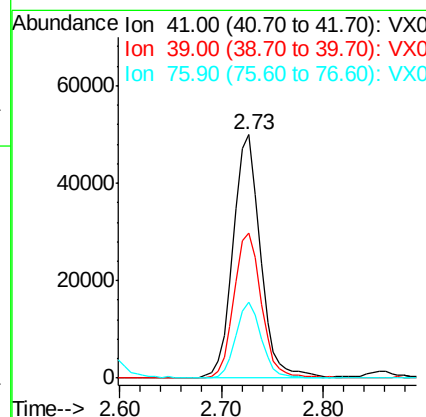
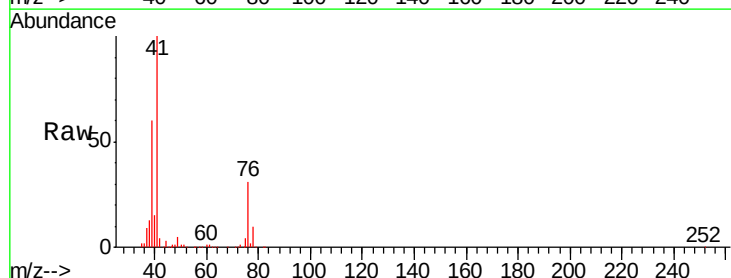
Manual Integrations
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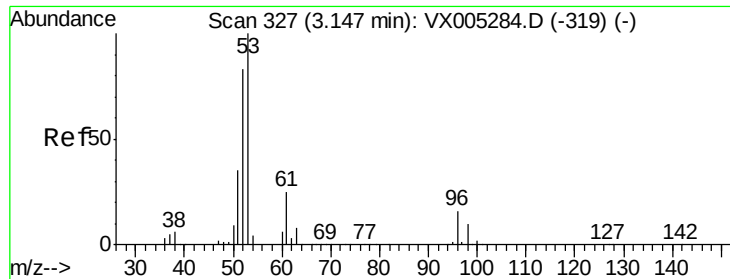
MMDadoda
10/19/2018 12:23:20 PM



#14
Allyl chloride
Concen: 19.01 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.4	48.9	73.3
76	29.6	26.7	40.1





#15

Acrylonitrile

Concen: 95.60 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

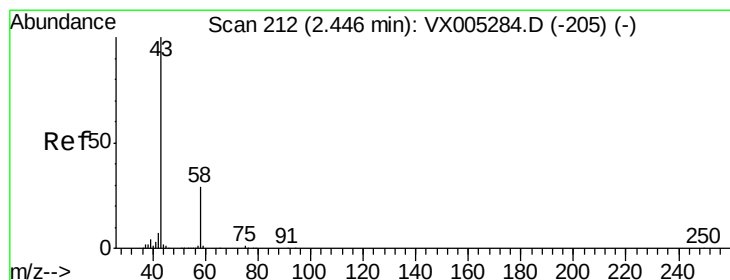
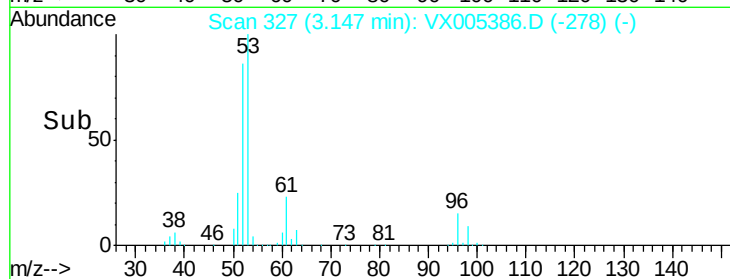
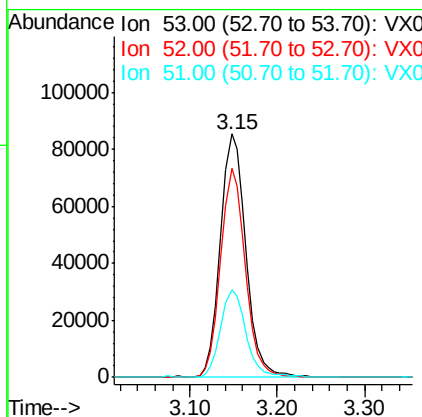
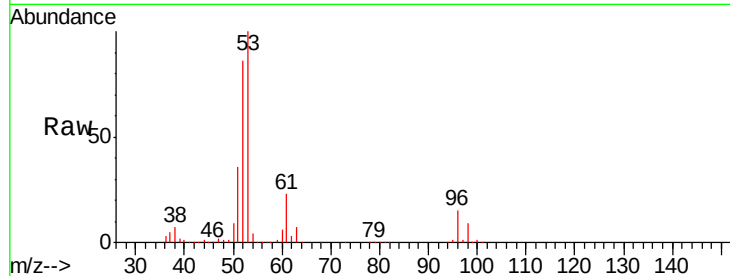
ClientSampleId :

VX1017WBSD01

Tgt Ion:	53	Resp:	171619
Ion	Ratio	Lower	Upper
53	100		
52	83.6	65.2	97.8
51	36.0	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 94.78 ug/l

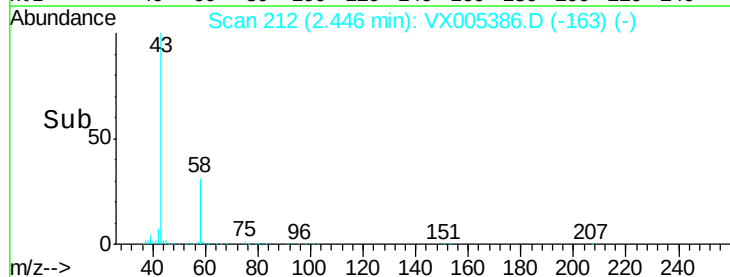
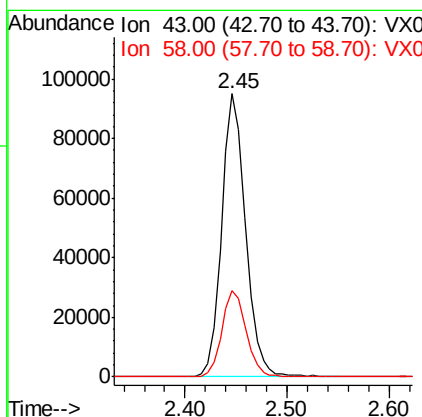
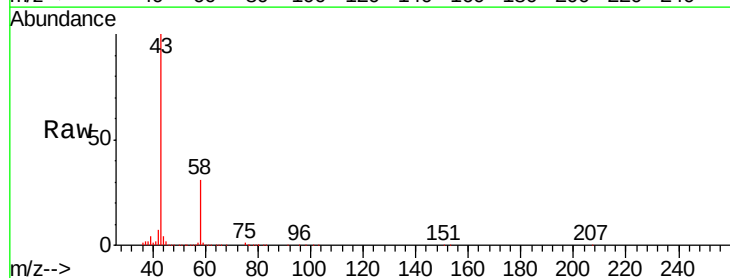
RT: 2.45 min Scan# 212

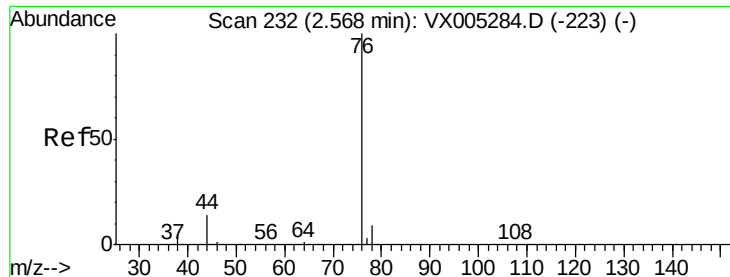
Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Tgt Ion:	43	Resp:	153887
Ion	Ratio	Lower	Upper
43	100		
58	30.6	26.2	39.4





#17

Carbon Disulfide

Concen: 17.71 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 76 Resp: 118900

Ion Ratio Lower Upper

76 100

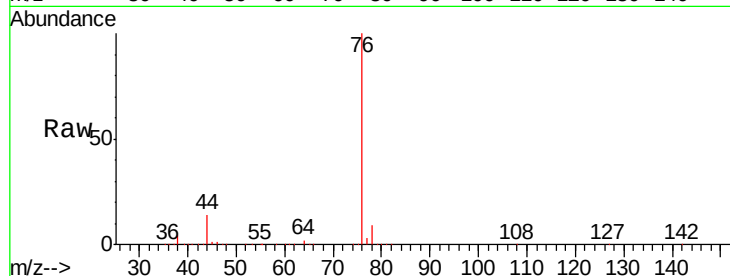
78 9.1 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

80000

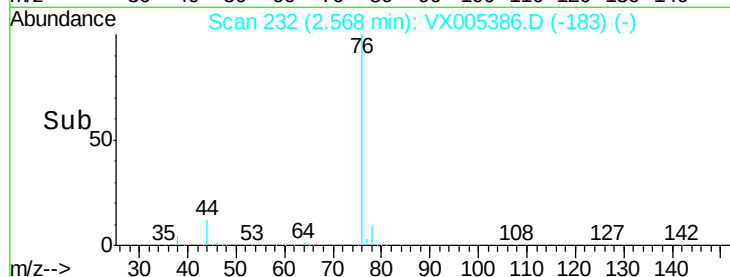
60000

40000

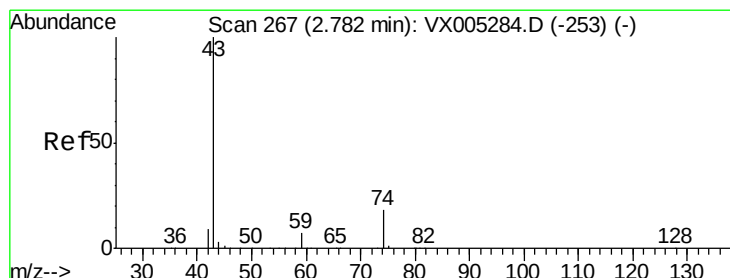
20000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 20.71 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005386.D

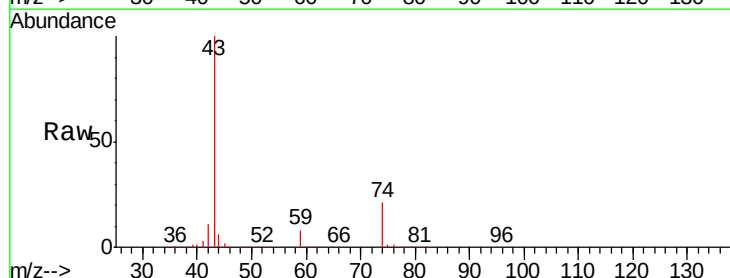
Acq: 17 Oct 2018 11:44

Tgt Ion: 43 Resp: 95664

Ion Ratio Lower Upper

43 100

74 21.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

60000

50000

40000

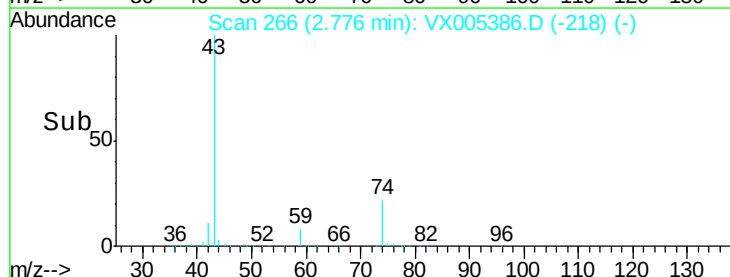
30000

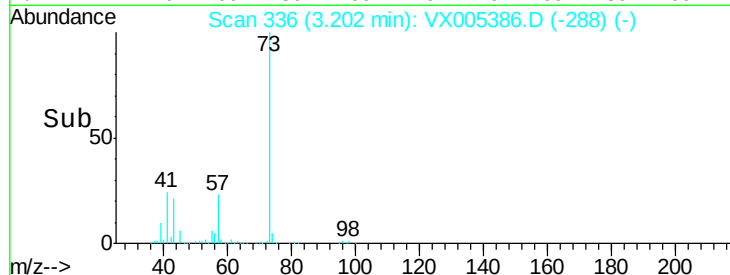
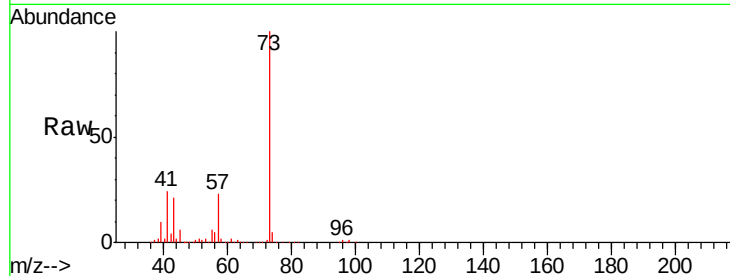
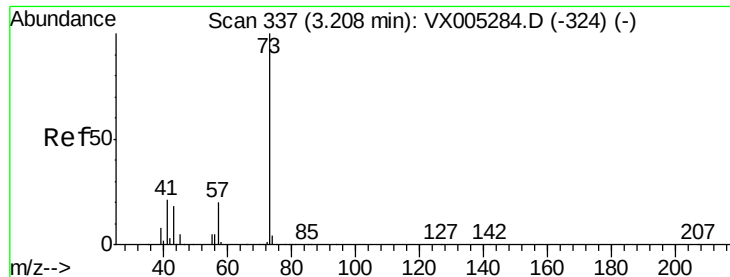
20000

10000

0

Time-->





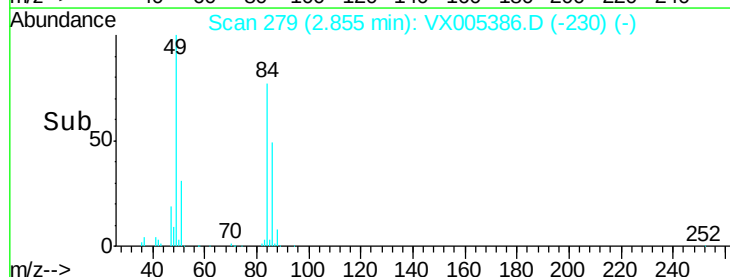
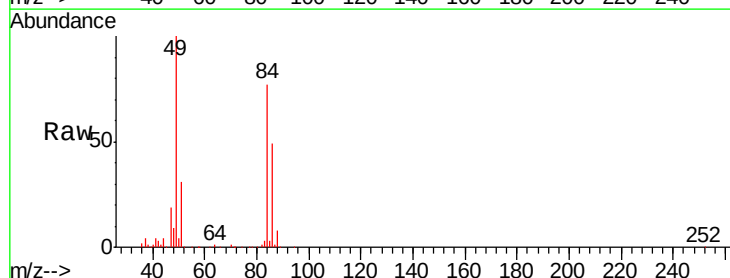
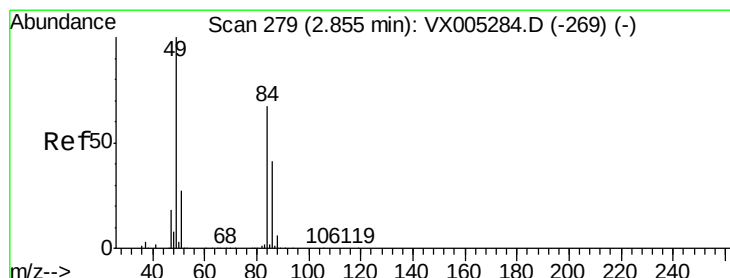
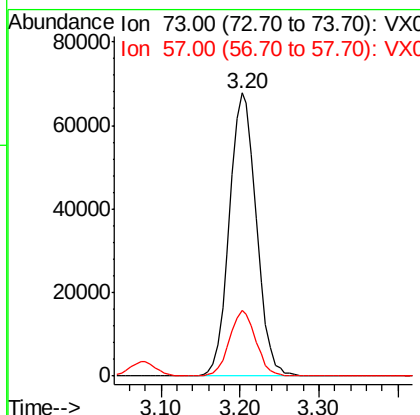
#19
Methyl tert-butyl Ether
Concen: 20.61 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion: 73 Resp: 160900
Ion Ratio Lower Upper
73 100
57 23.2 17.1 25.7

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

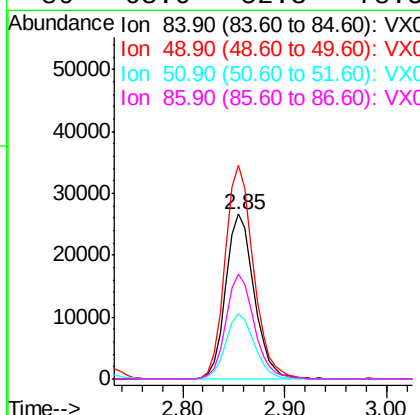
Manual Integrations
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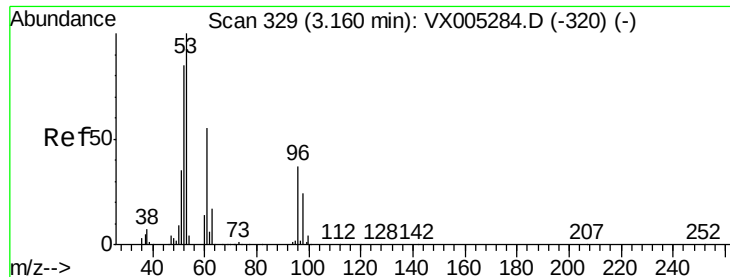
MMDadoda
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#20
Methylene Chloride
Concen: 20.95 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion: 84 Resp: 51364
Ion Ratio Lower Upper
84 100
49 129.7 101.2 151.8
51 39.3 29.5 44.3
86 63.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.21 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

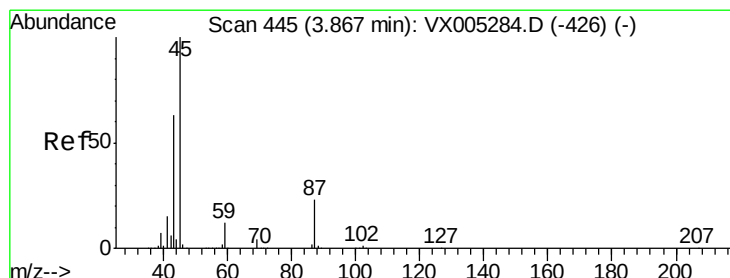
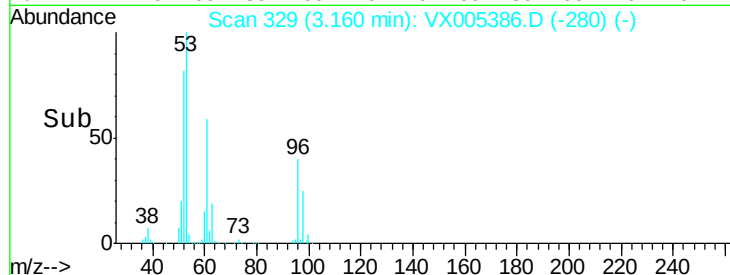
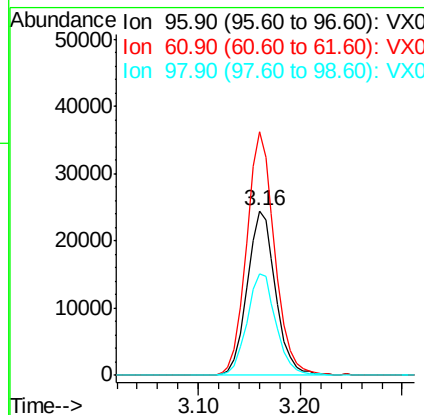
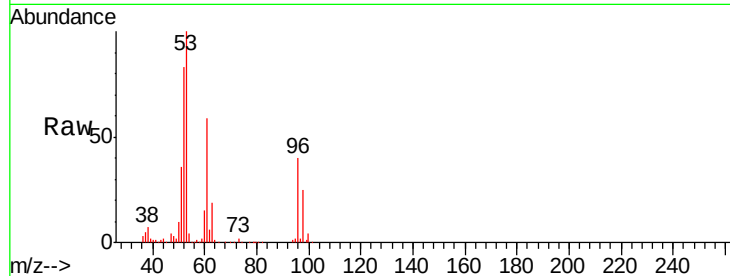
ClientSampleId :

VX1017WBSD01

Tgt Ion:	96	Resp:	47170
Ion	Ratio	Lower	Upper
96	100		
61	147.5	113.8	170.6
98	62.0	51.8	77.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.93 ug/l

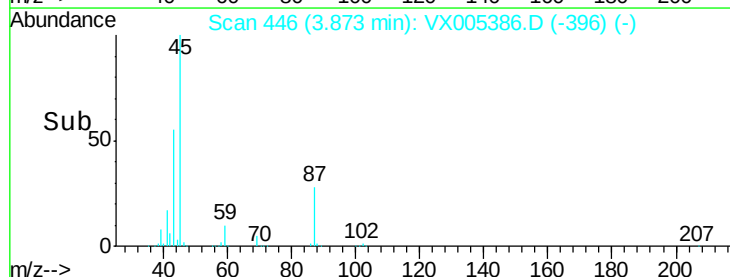
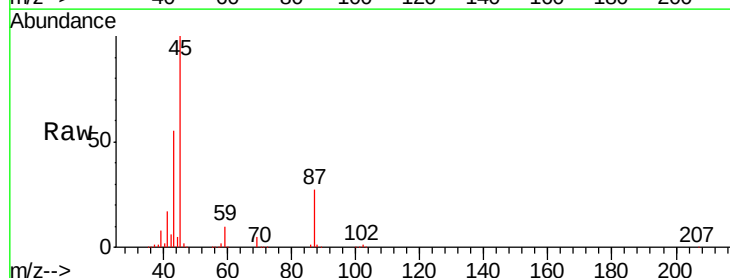
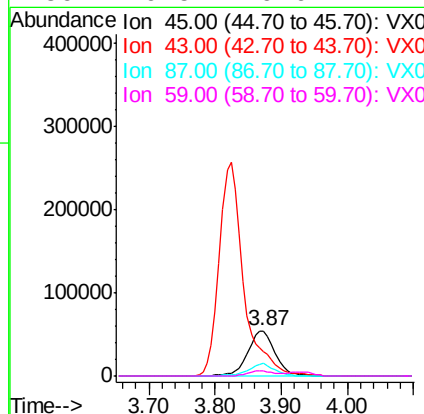
RT: 3.87 min Scan# 446

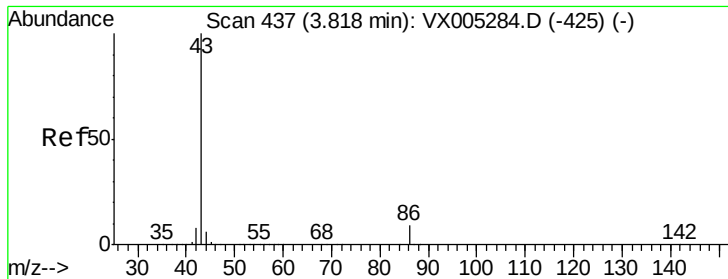
Delta R.T. 0.01 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Tgt Ion:	45	Resp:	154714
Ion	Ratio	Lower	Upper
45	100		
43	54.8	42.8	64.2
87	27.5	22.6	34.0
59	10.5	9.6	14.4





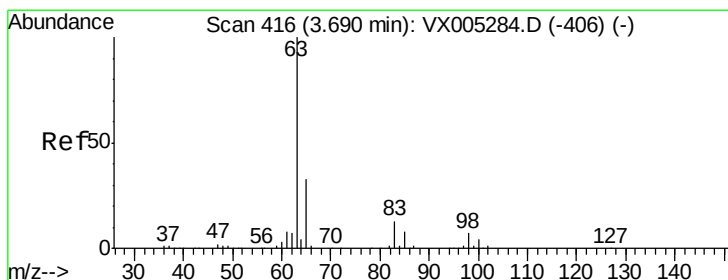
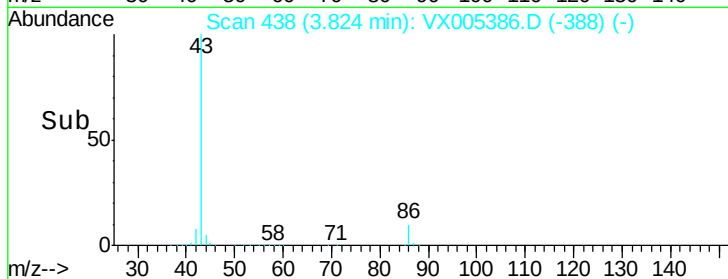
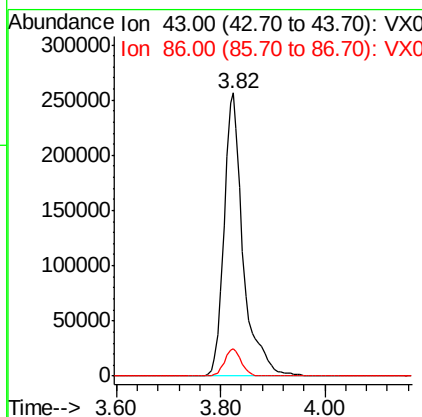
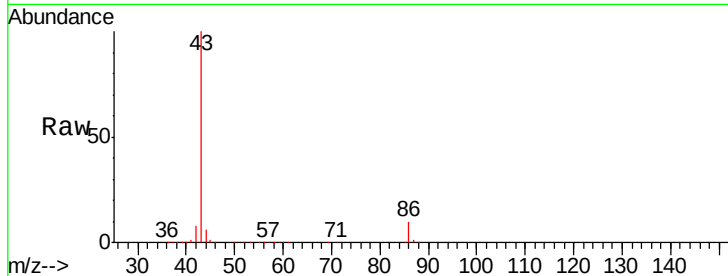
#23
 Vinyl Acetate
 Concen: 92.82 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.01 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

Tgt Ion: 43 Resp: 662975
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.9 13.3

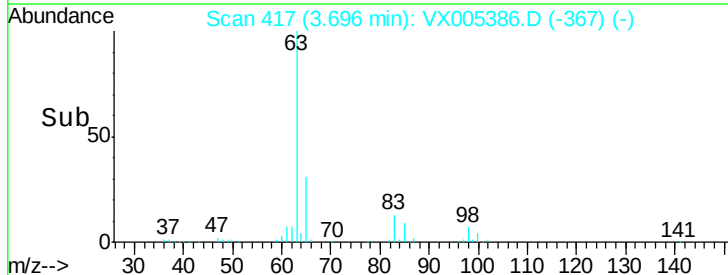
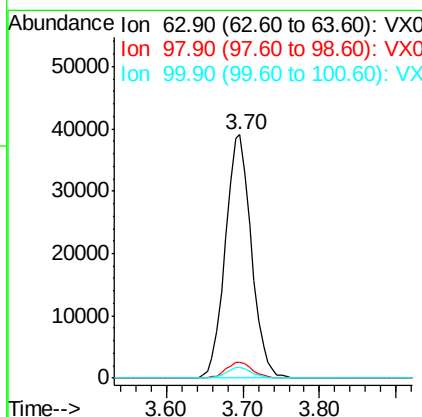
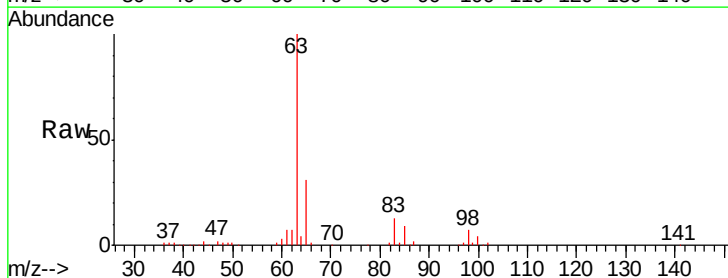
Manual Integrations
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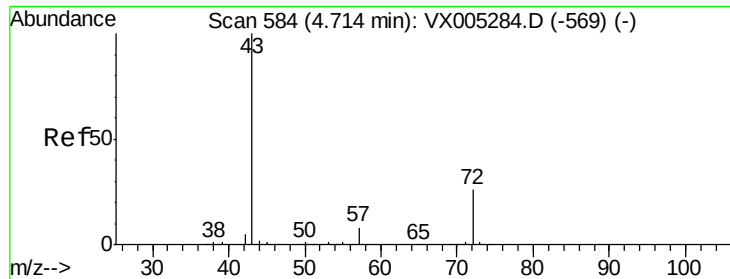
MMDadoda
 10/19/2018 12:23:20 PM



#24
 1,1-Dichloroethane
 Concen: 19.58 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Tgt Ion: 63 Resp: 91722
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 4.2 2.4 7.1





#25

2-Butanone

Concen: 94.62 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 43 Resp: 224790

Ion Ratio Lower Upper

43 100

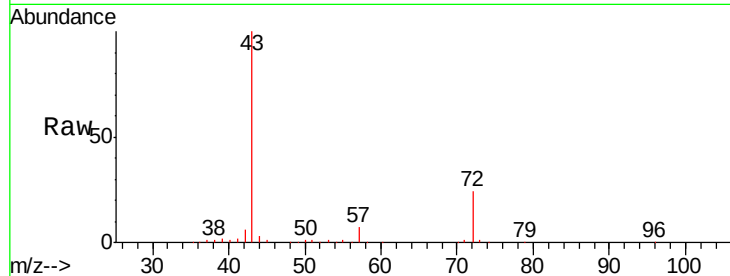
72 24.2 22.0 33.0

Manual Integrations

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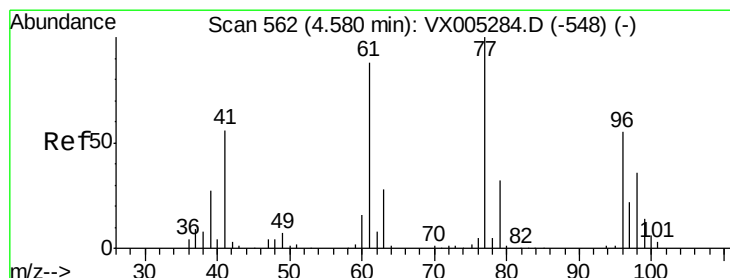
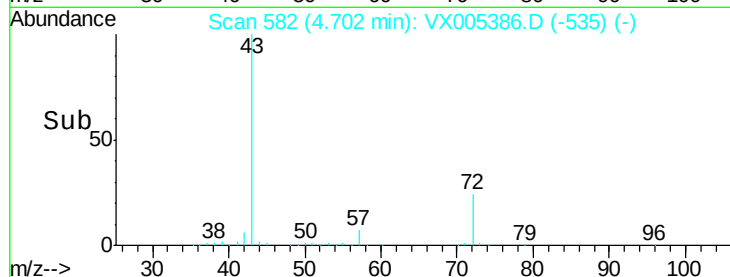
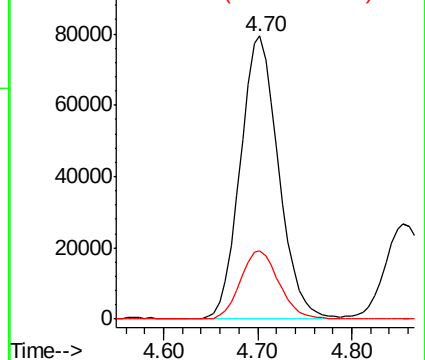
MMDadoda

10/19/2018 12:23:20 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.63 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005386.D

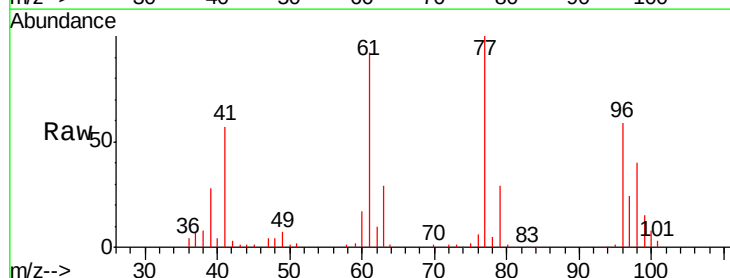
Acq: 17 Oct 2018 11:44

Tgt Ion: 77 Resp: 65248

Ion Ratio Lower Upper

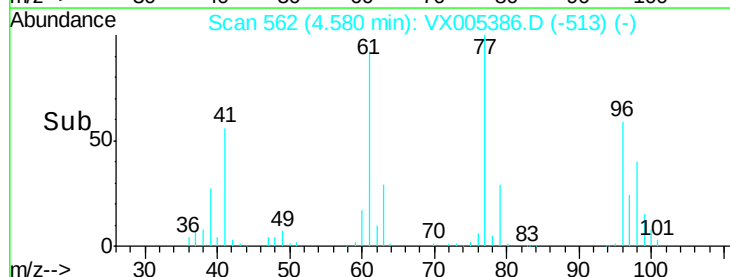
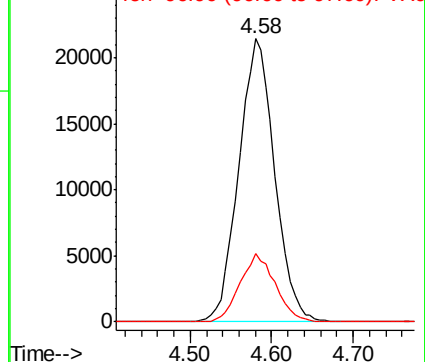
77 100

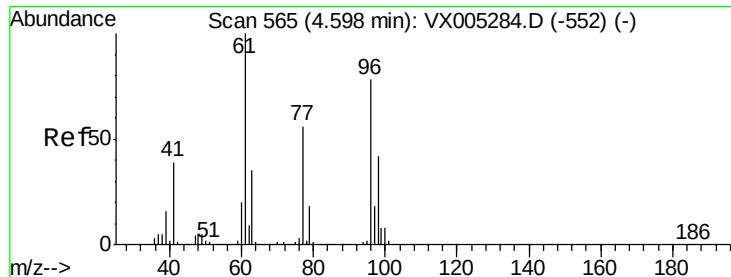
97 23.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

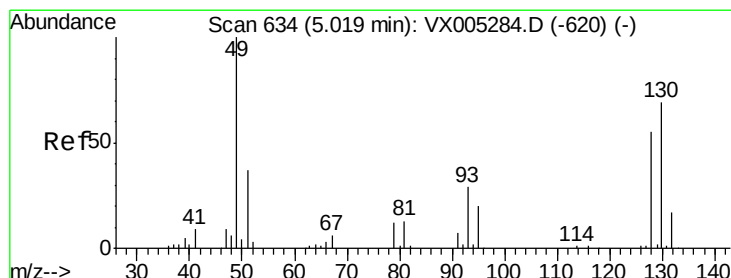
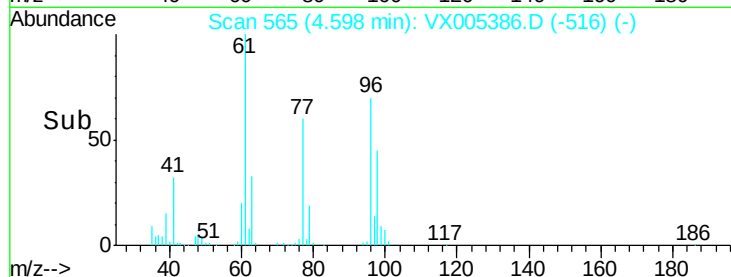
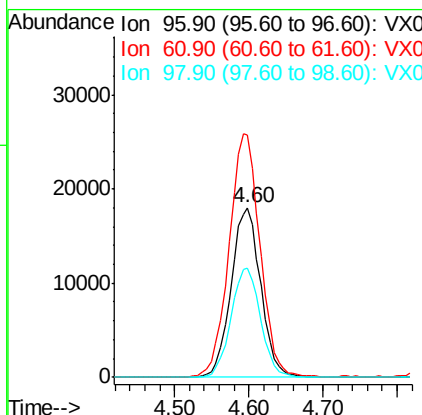
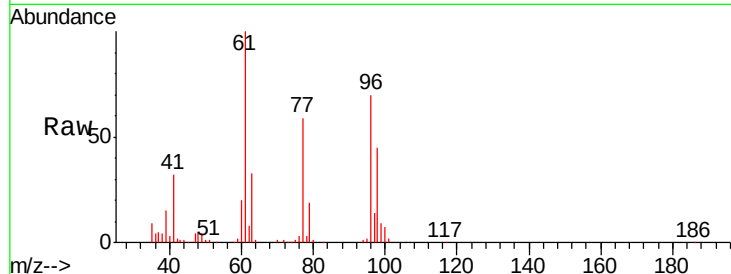
cis-1,2-Dichloroethene
Concen: 18.74 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	50017		
61	150.8	0.0	282.6	
98	64.3	0.0	130.2	

Manual Integrations
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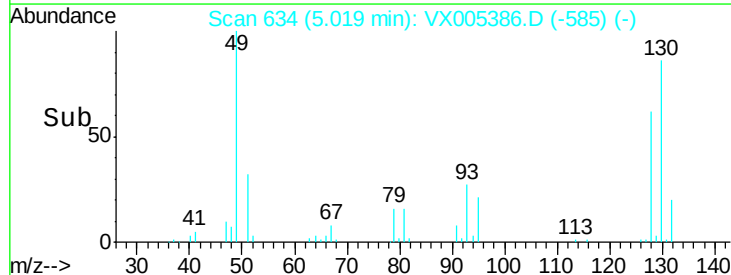
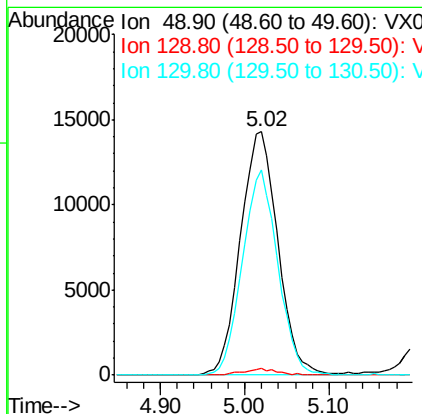
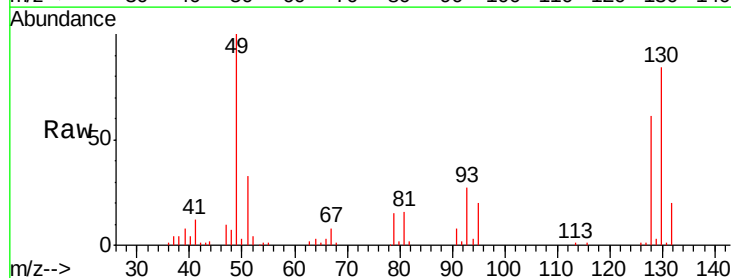
MMDadoda
10/19/2018 12:23:20 PM

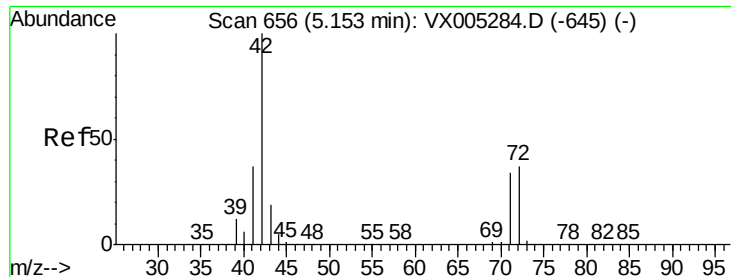


#28

Bromochloromethane
Concen: 20.16 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	43040		
129	2.3	0.0	4.2	
130	79.5	67.5	101.3	





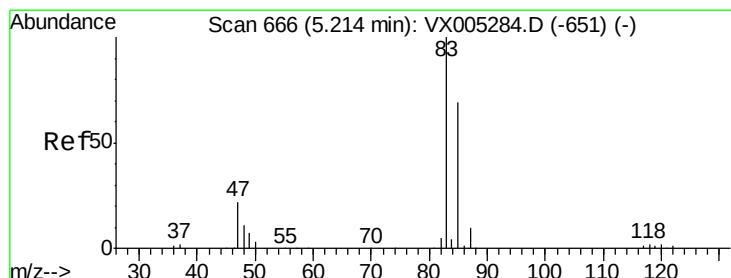
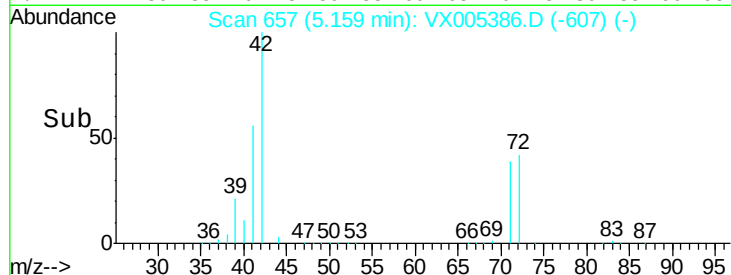
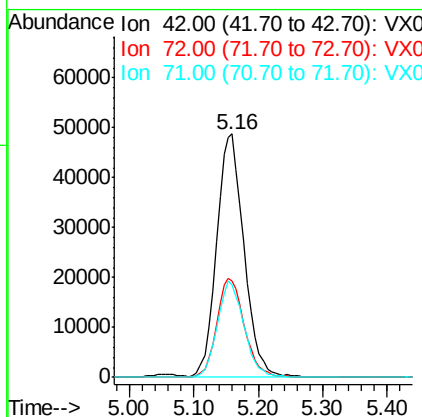
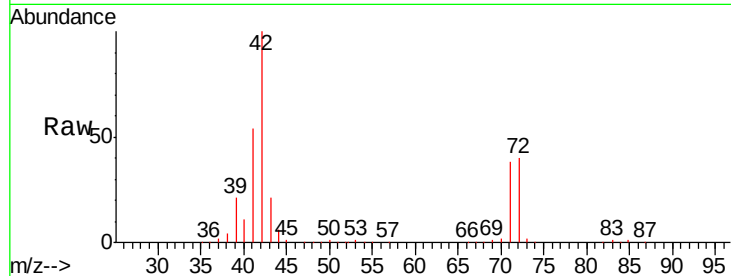
#29
Tetrahydrofuran
Concen: 95.70 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.5	37.4	56.0
71	38.7	34.5	51.7

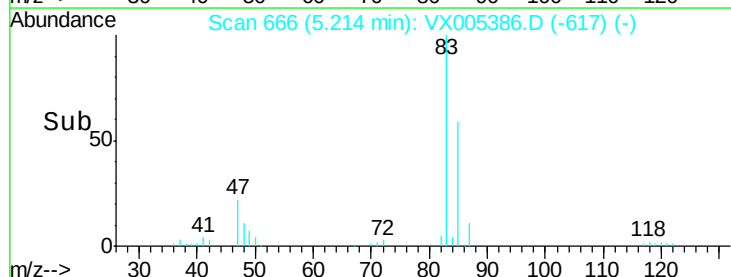
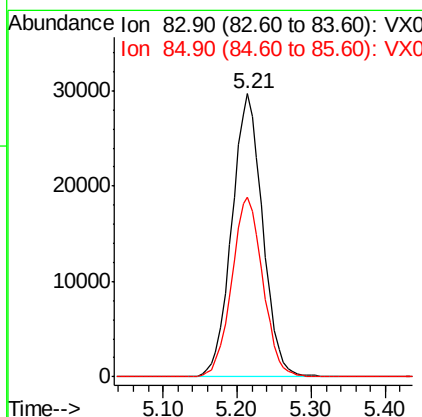
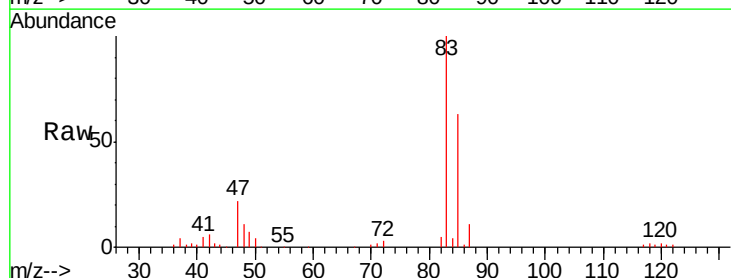
Manual Integrations
APPROVED

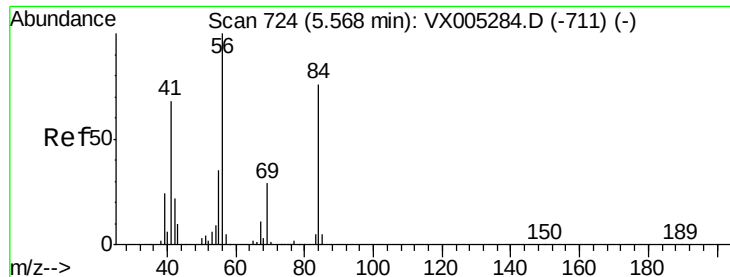
MMDadoda
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#30
Chloroform
Concen: 19.73 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.6	79.0





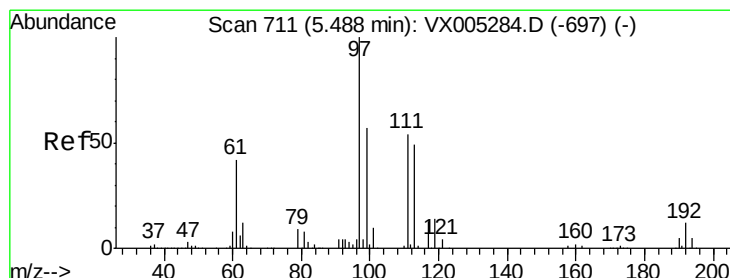
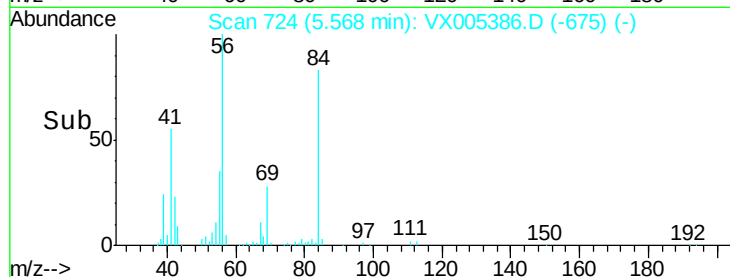
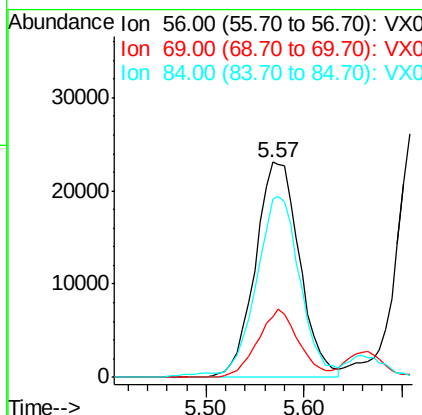
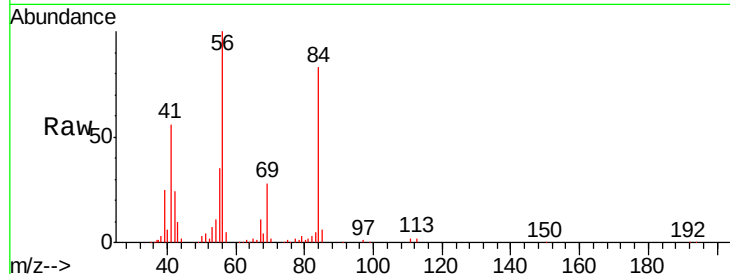
#31
Cyclohexane
Concen: 18.76 ug/l
RT: 5.57 min Scan# 724
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.3	25.4	38.2
84	81.4	71.4	107.2

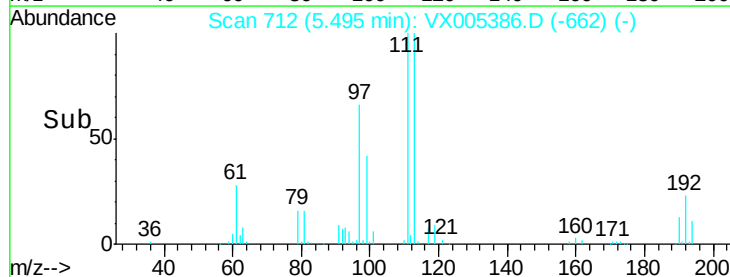
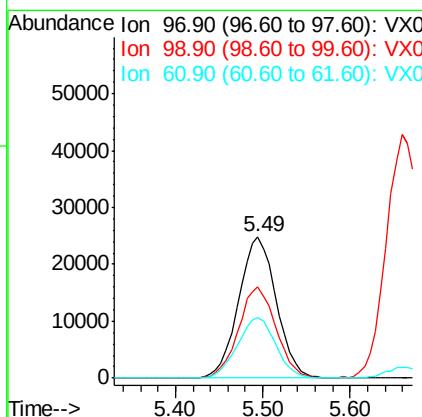
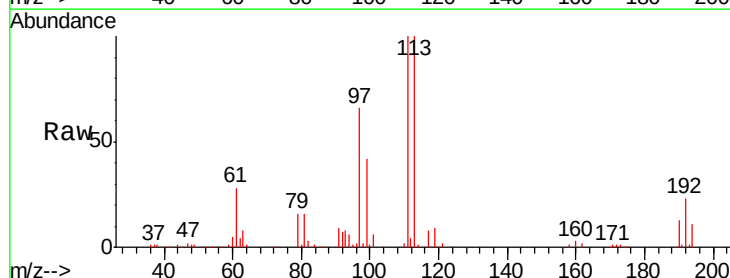
Manual Integrations
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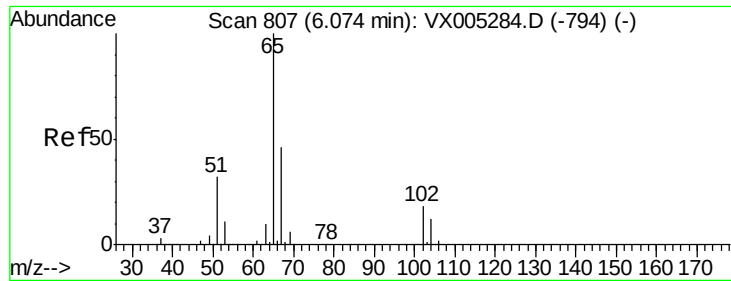
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 19.60 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.0	78.0
61	43.5	34.9	52.3





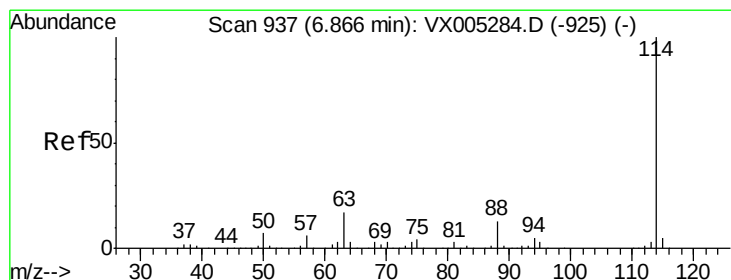
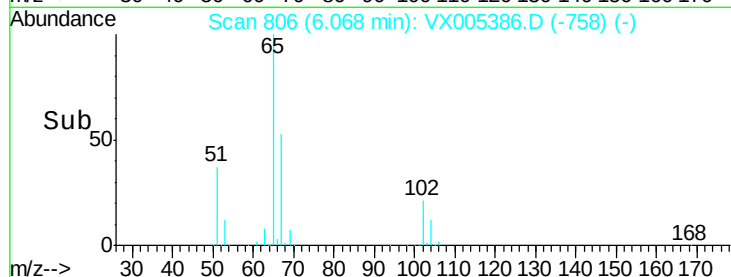
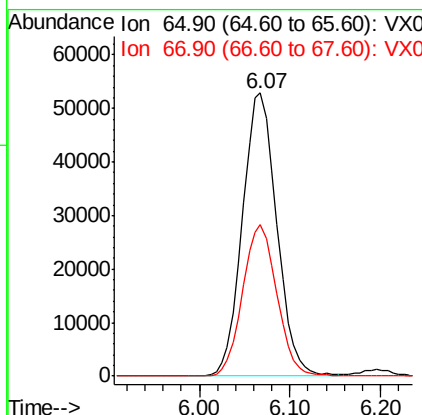
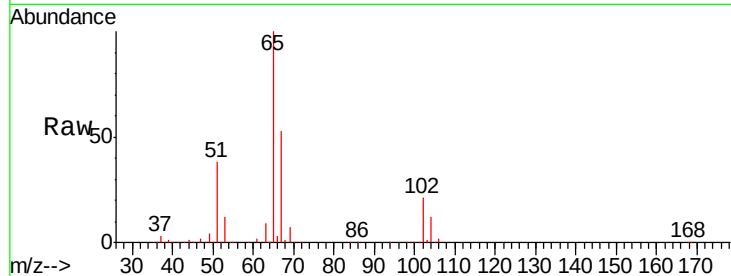
#33
 1,2-Dichloroethane-d4
 Concen: 49.38 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

Tgt Ion: 65 Resp: 138666
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.8

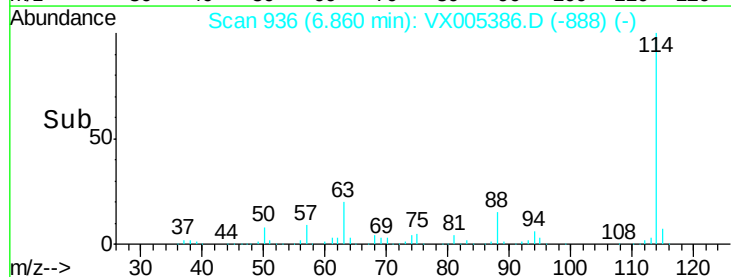
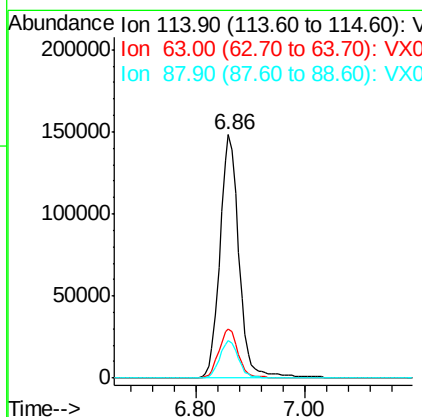
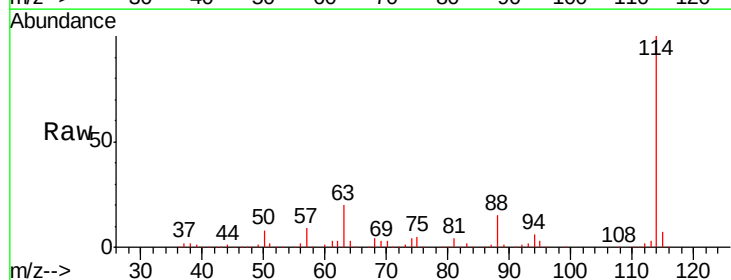
Manual Integrations
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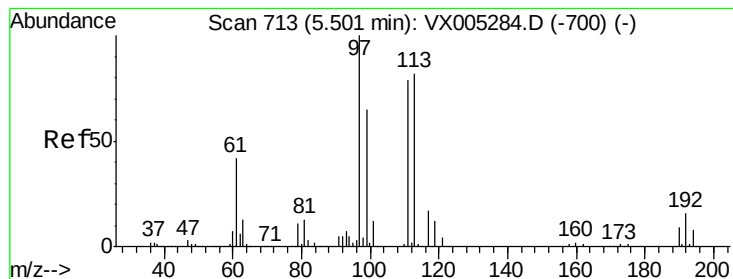
MMDadoda
 10/19/2018 12:23:20 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Tgt Ion: 114 Resp: 361993
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.0
 88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 47.41 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

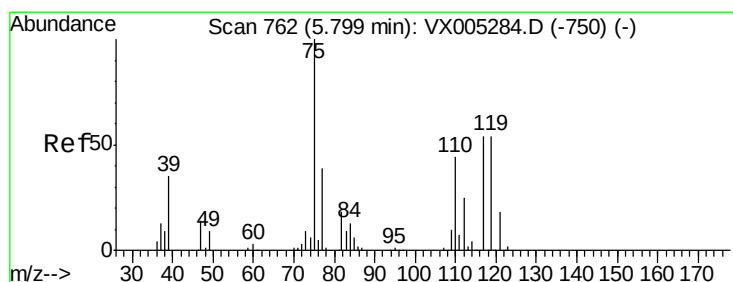
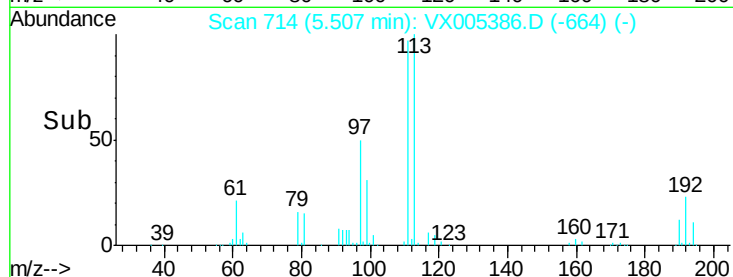
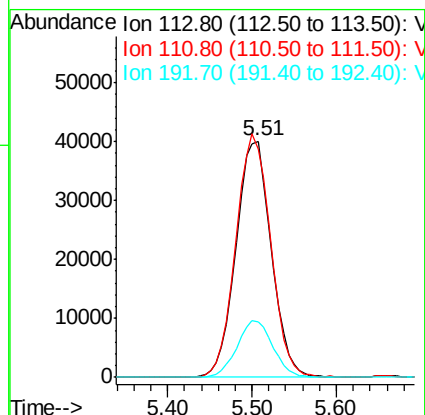
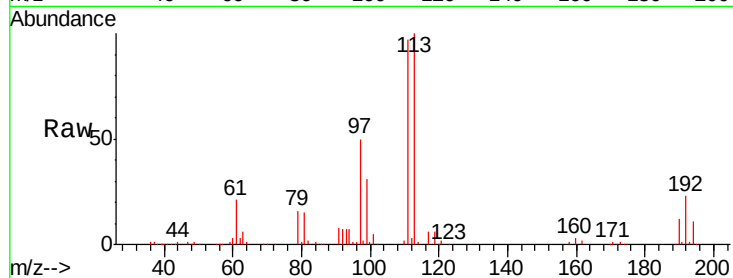
ClientSampleId :

VX1017WBSD01

Tgt Ion:	113	Resp:	113670
Ion Ratio	Lower	Upper	
113	100		
111	101.6	82.4	123.6
192	24.2	19.4	29.2

Manual Integrations
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10/19/2018 12:23:20 PM



#36

1,1-Dichloropropene

Concen: 17.51 ug/l

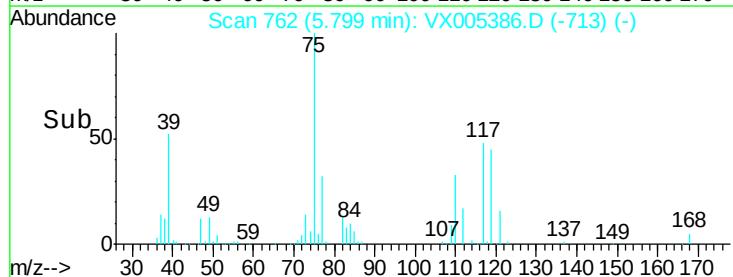
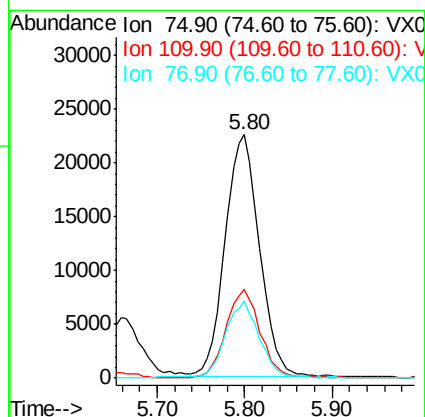
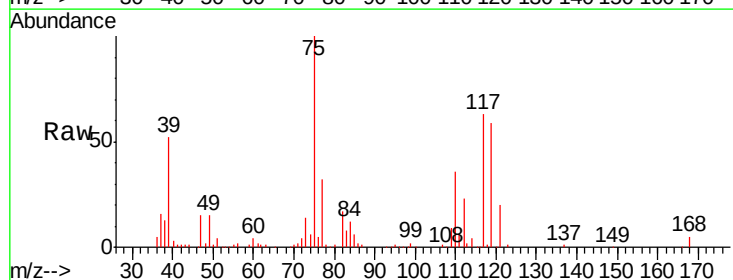
RT: 5.80 min Scan# 762

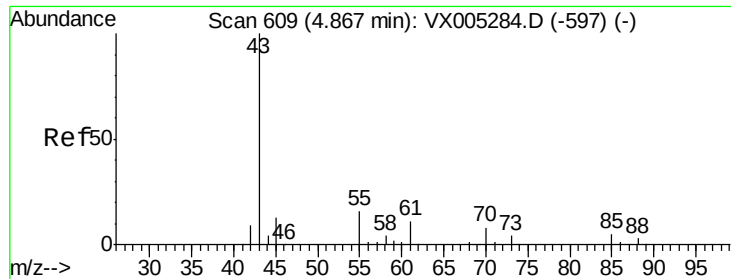
Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Tgt Ion:	75	Resp:	61378
Ion Ratio	Lower	Upper	
75	100		
110	36.6	18.0	54.0
77	31.5	24.6	36.8





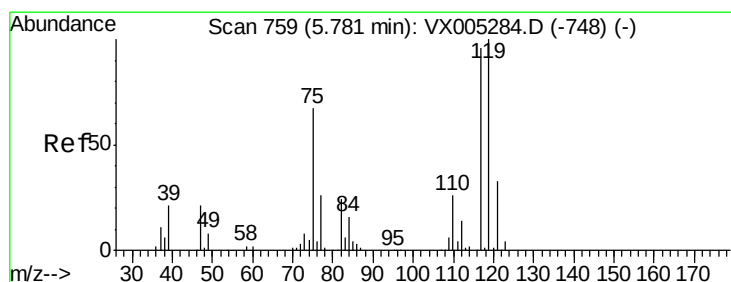
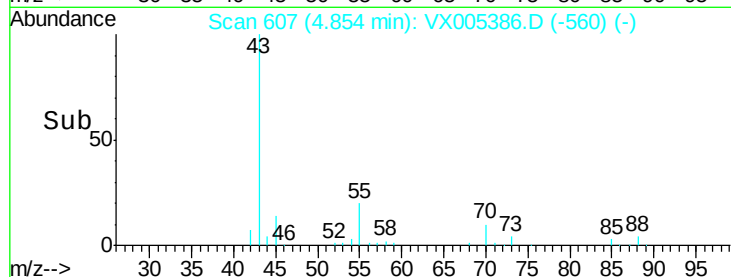
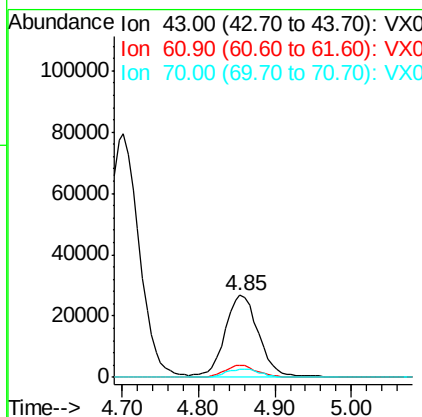
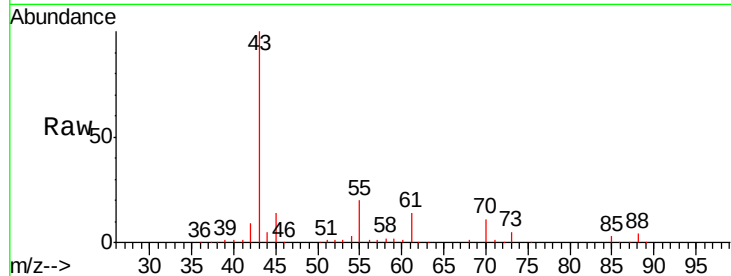
#37
Ethyl Acetate
Concen: 17.88 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.5	17.3
70	10.4	9.0	13.6

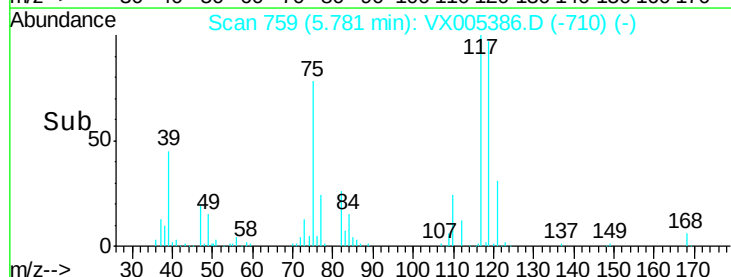
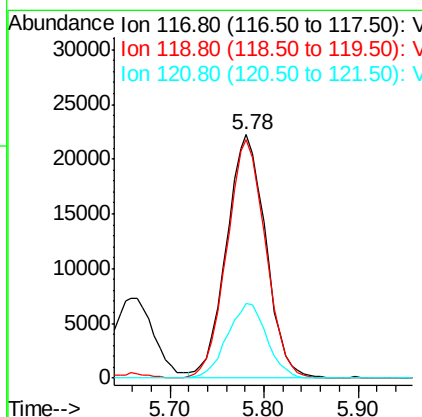
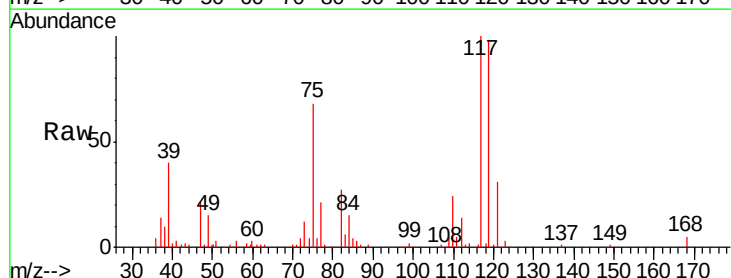
Manual Integrations
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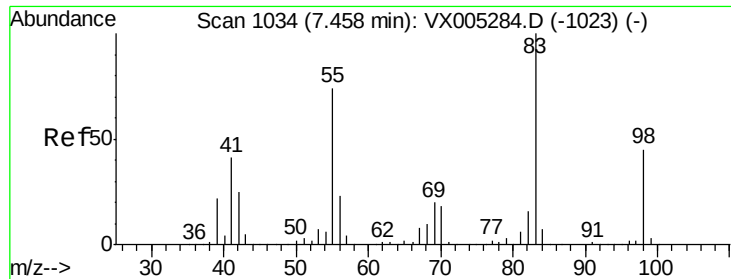
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.22 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	78.8	118.2
121	30.7	24.9	37.3





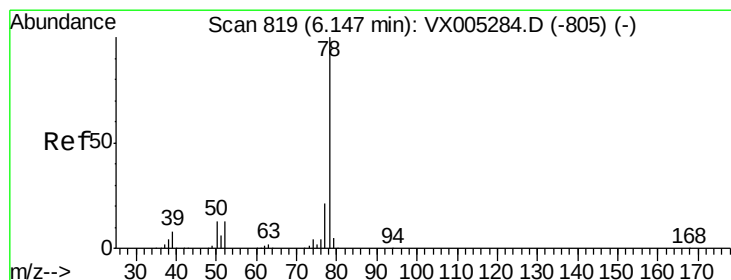
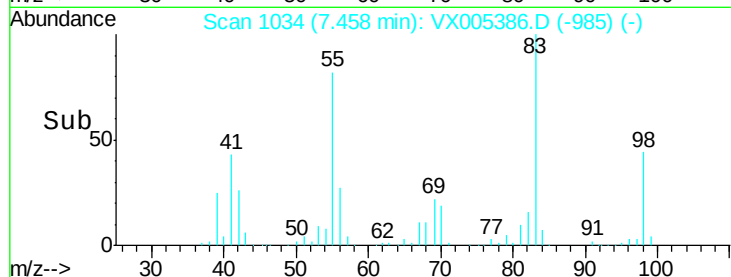
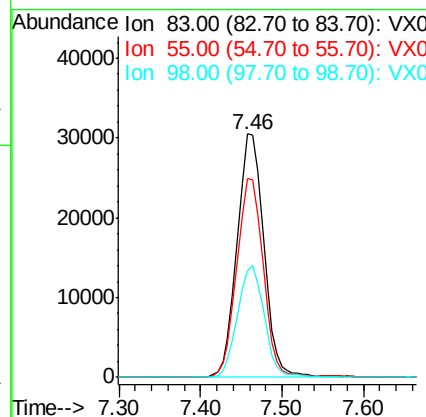
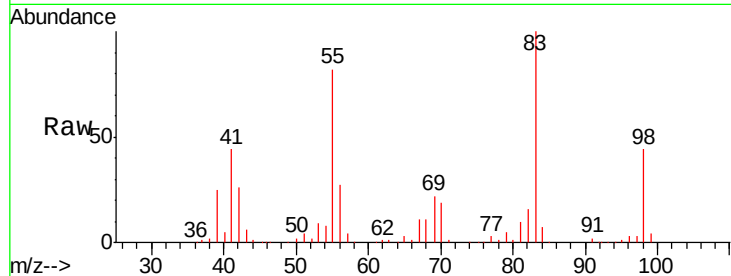
#39
Methylcyclohexane
Concen: 18.29 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	69389		
55	81.6	61.0	91.4	
98	43.8	39.6	59.4	

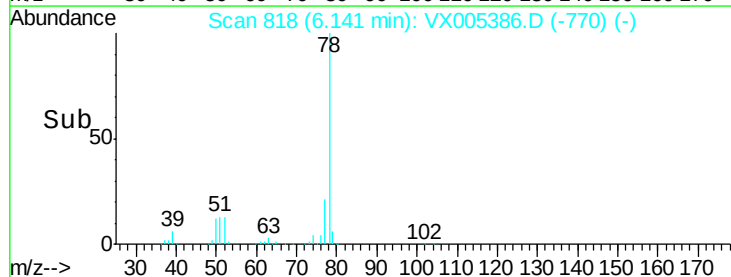
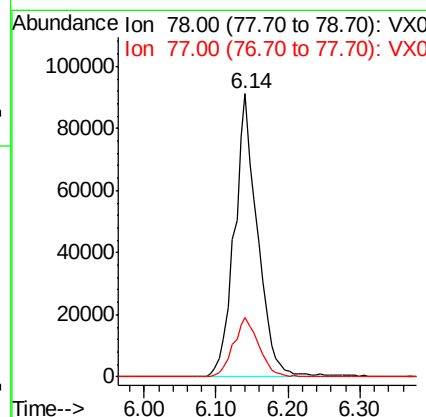
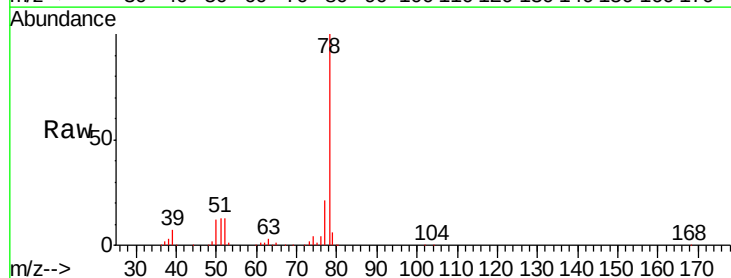
Manual Integrations
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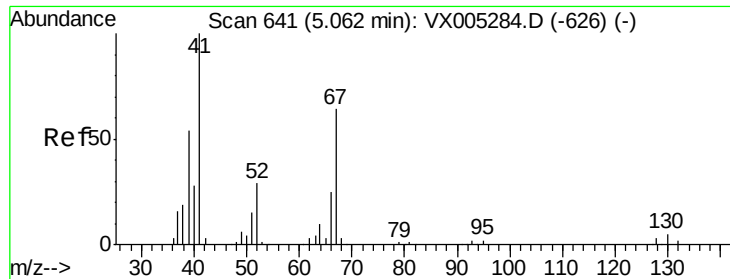
MMDadoda
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#40
Benzene
Concen: 19.42 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	204259		
77	21.0	19.0	28.4	





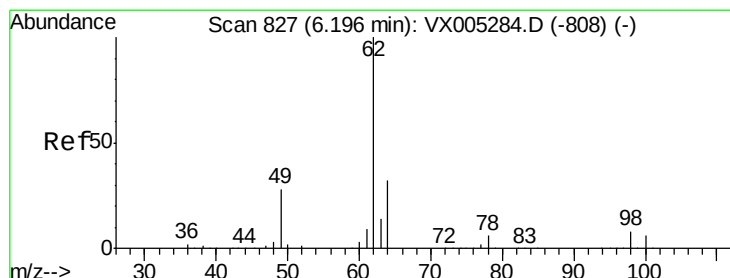
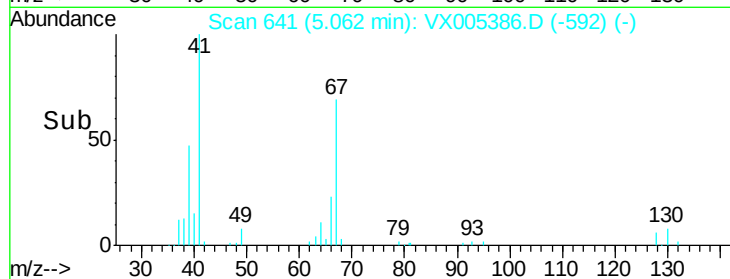
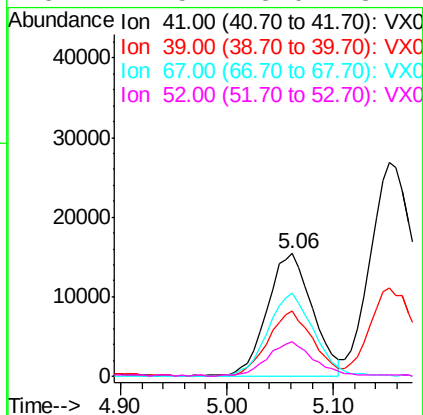
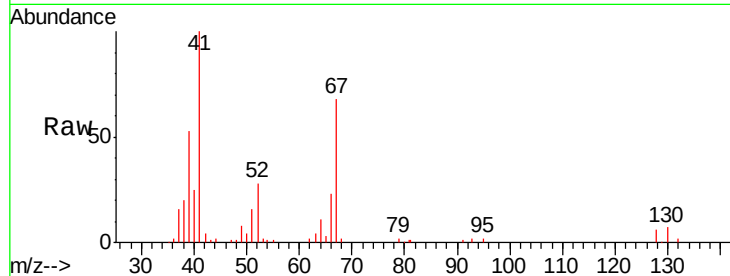
#41
Methacrylonitrile
Concen: 18.80 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.8	42.4	63.6	
67	68.8	59.2	88.8	
52	27.5	23.0	34.4	

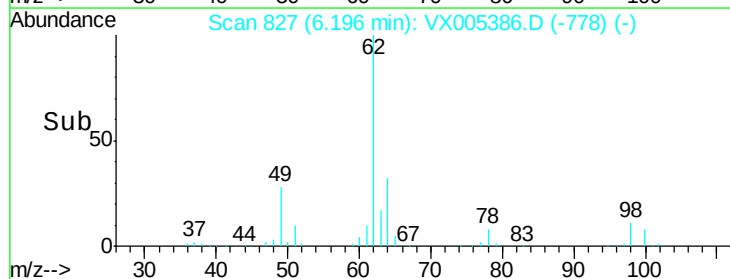
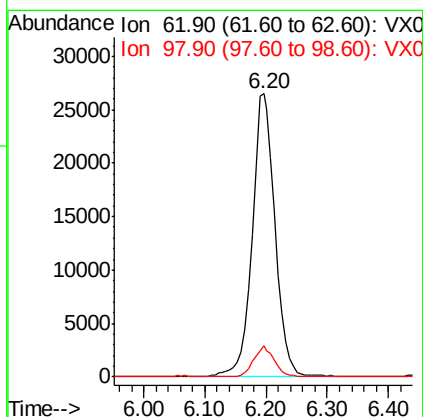
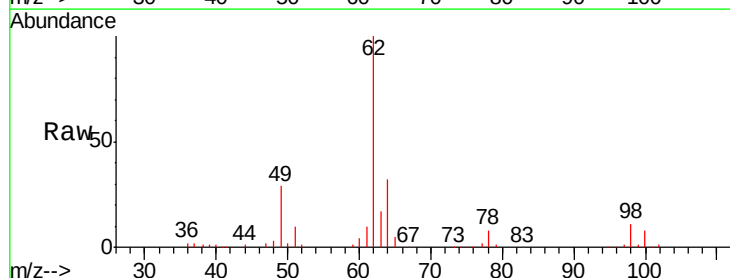
Manual Integrations
APPROVED

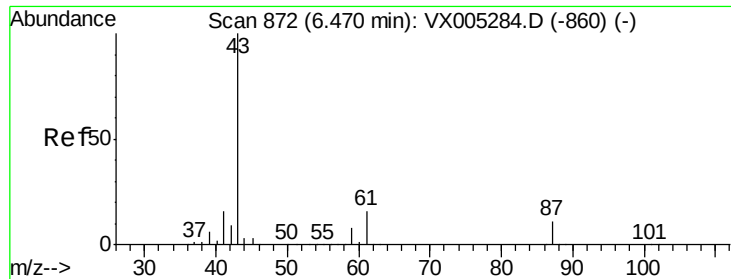
MMDadoda
10/19/2018 12:23:20 PM



#42
1,2-Dichloroethane
Concen: 18.74 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	20.6	





#43

Isopropyl Acetate

Concen: 19.84 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.01 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

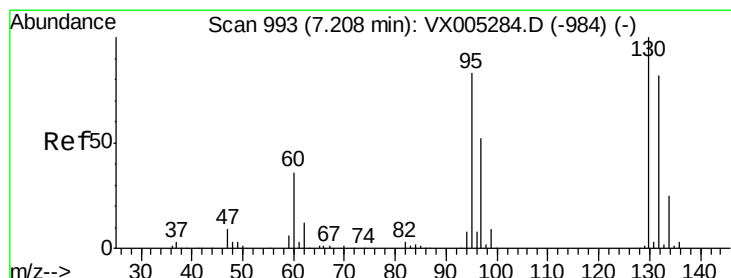
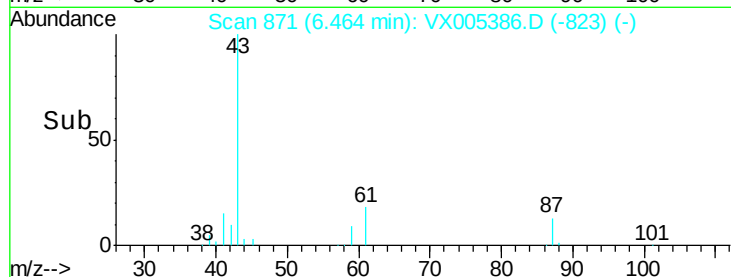
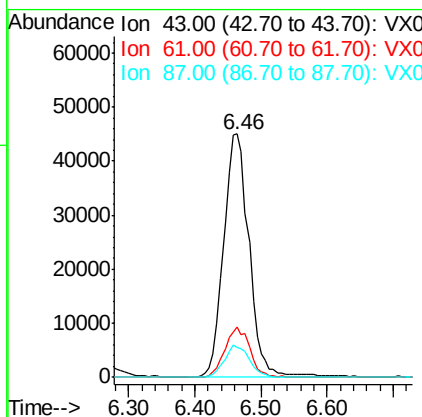
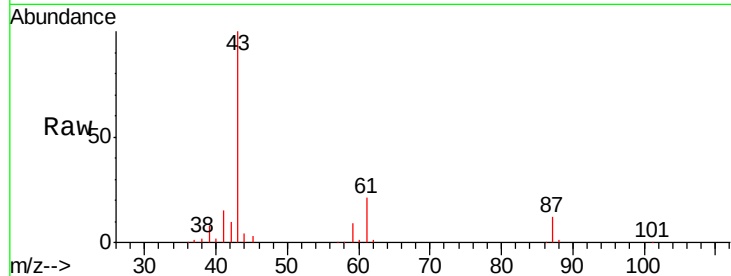
ClientSampleId :

VX1017WBSD01

Tgt Ion:	43	Resp:	119146
Ion Ratio		Lower	Upper
43	100		
61	20.5	17.0	25.4
87	13.4	11.4	17.2

Manual Integrations
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#44

Trichloroethene

Concen: 19.60 ug/l

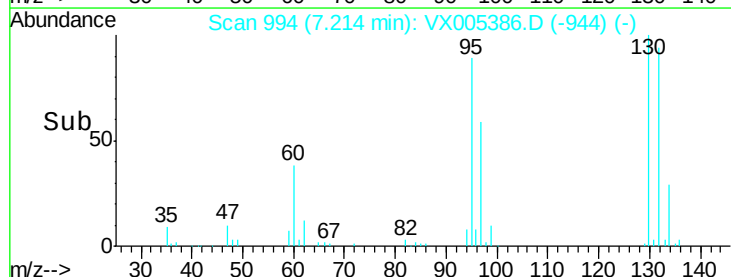
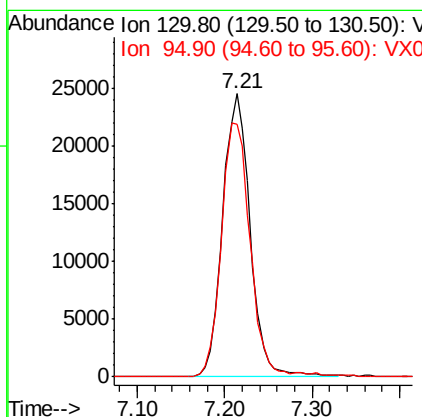
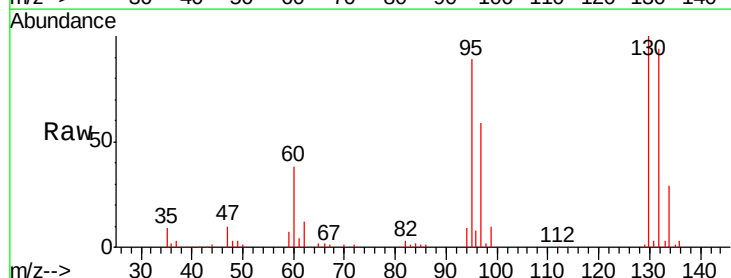
RT: 7.21 min Scan# 994

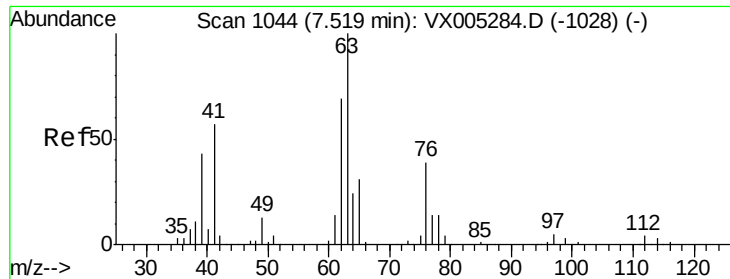
Delta R.T. 0.01 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Tgt Ion:	130	Resp:	53645
Ion Ratio		Lower	Upper
130	100		
95	89.3	0.0	181.6





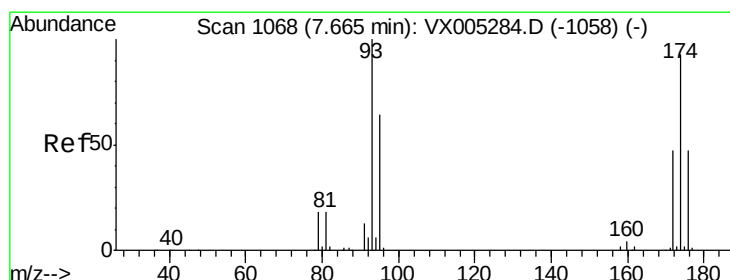
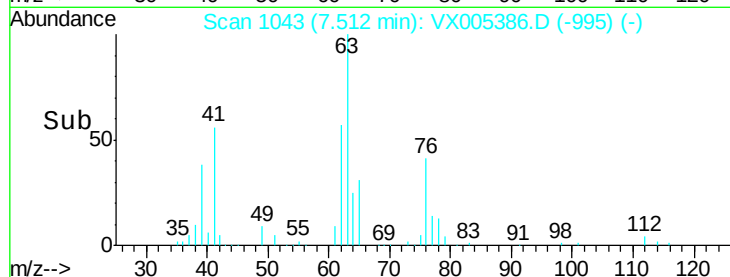
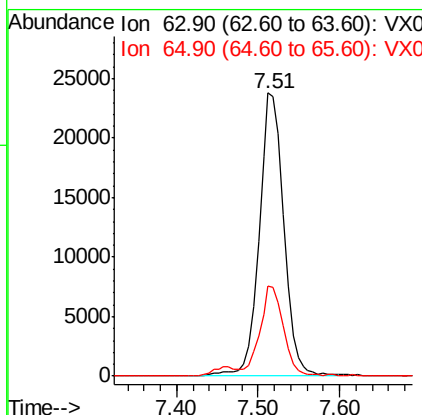
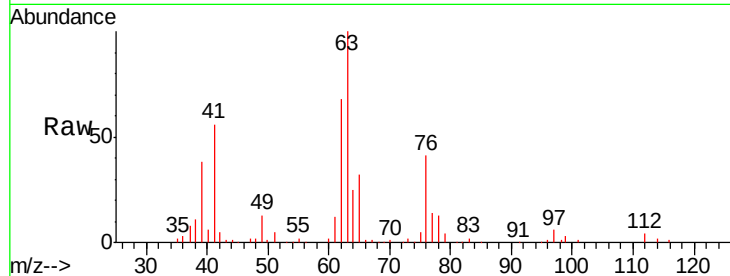
#45
 1,2-Dichloropropane
 Concen: 19.55 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

Tgt Ion: 63 Resp: 50430
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.3 36.5

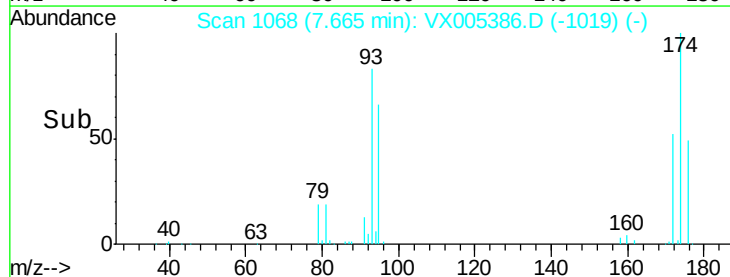
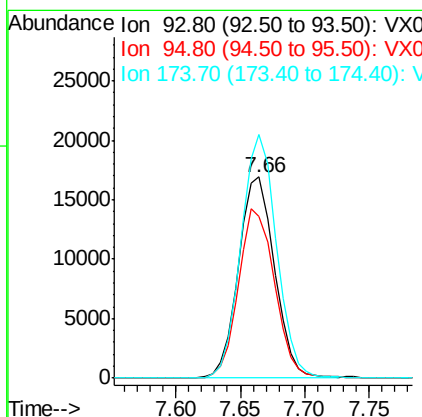
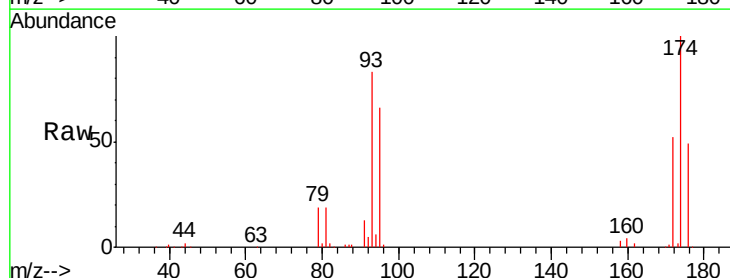
Manual Integrations
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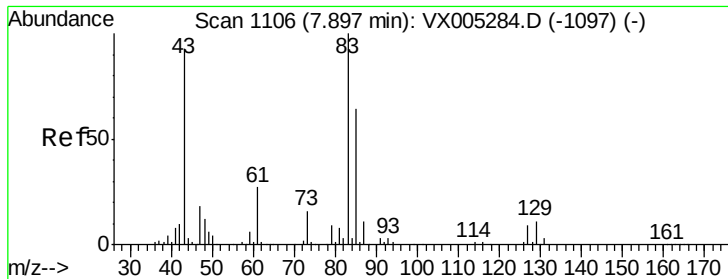
MMDadoda
 10/19/2018 12:23:20 PM



#46
 Dibromomethane
 Concen: 19.32 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Tgt Ion: 93 Resp: 32891
 Ion Ratio Lower Upper
 93 100
 95 84.2 65.5 98.3
 174 119.1 94.2 141.4





#47

Bromodichloromethane

Concen: 19.99 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

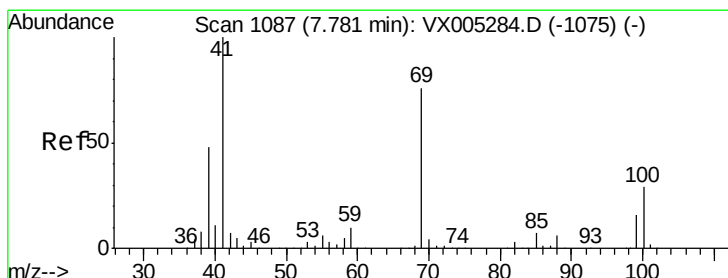
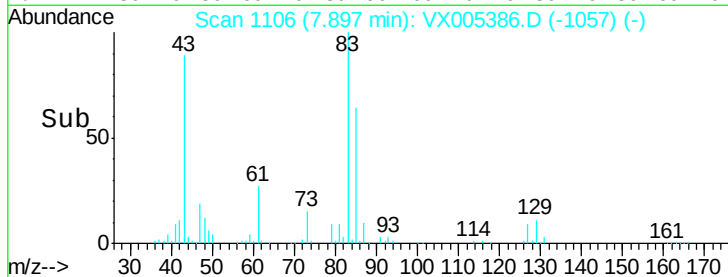
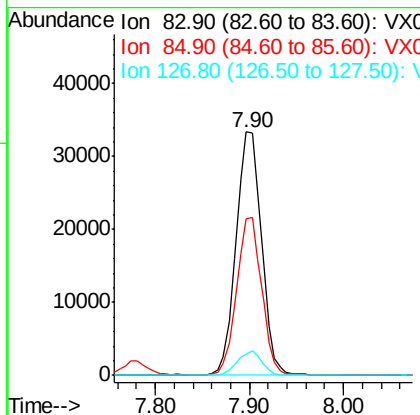
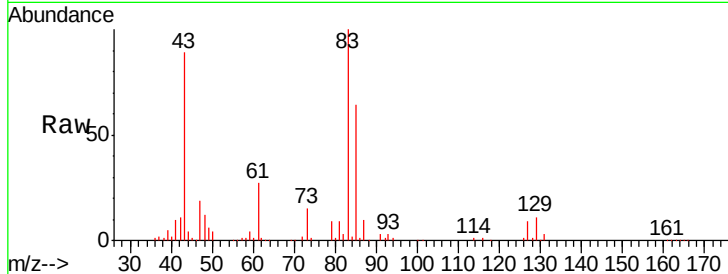
ClientSampleId :

VX1017WBSD01

Tgt Ion:	83	Resp:	62973
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.9	76.3
127	8.7	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.27 ug/l

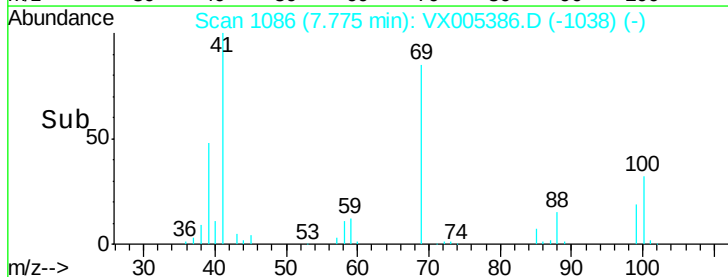
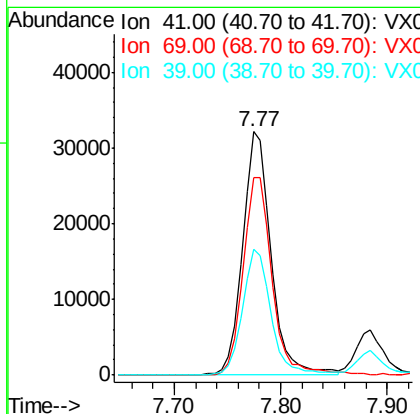
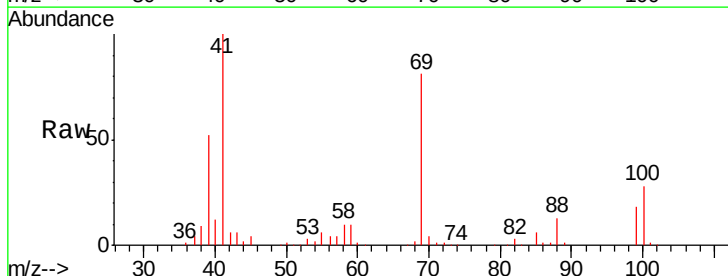
RT: 7.77 min Scan# 1086

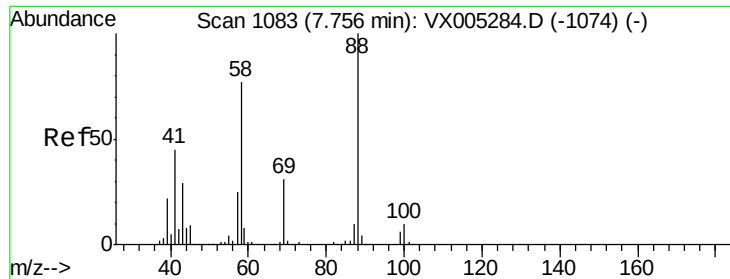
Delta R.T. -0.01 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Tgt Ion:	41	Resp:	60013
Ion	Ratio	Lower	Upper
41	100		
69	83.9	70.2	105.4
39	51.3	42.7	64.1





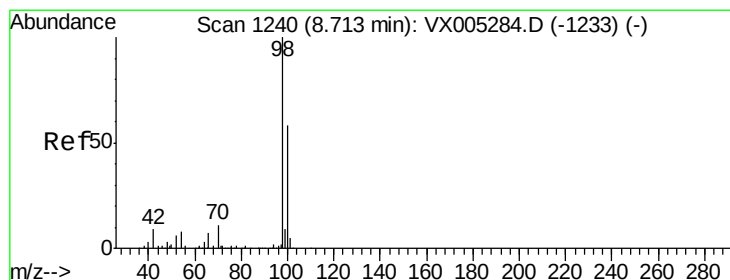
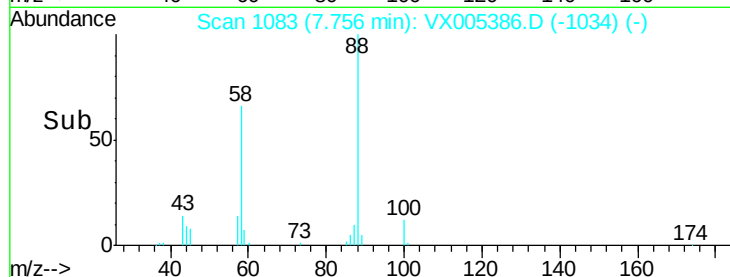
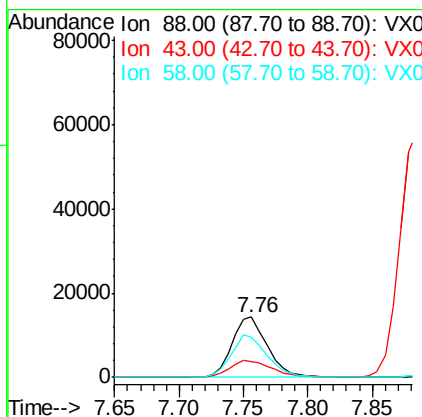
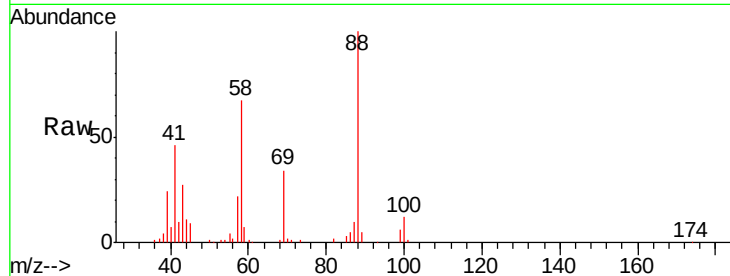
#49
1,4-Dioxane
Concen: 377.90 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.0	24.7	37.1
58	71.7	55.3	82.9

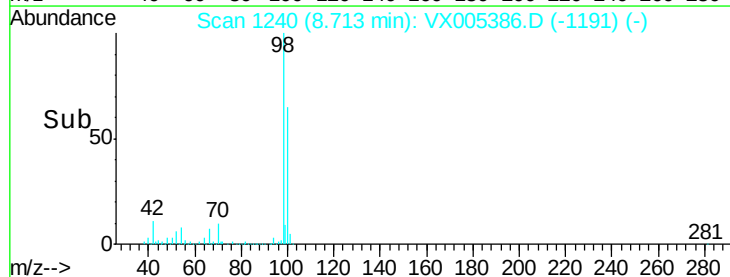
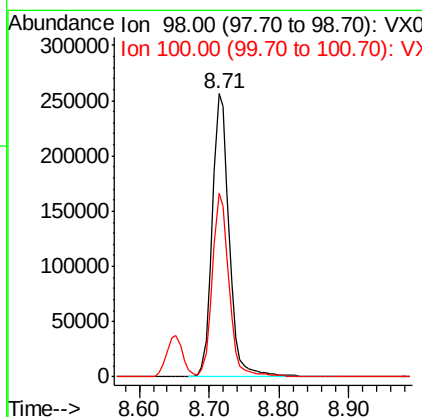
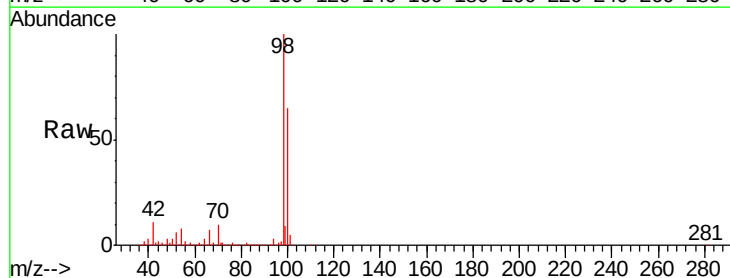
Manual Integrations
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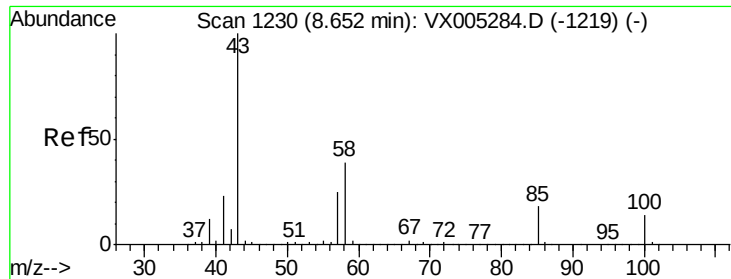
MMDadoda
10/19/2018 12:23:20 PM



#50
Toluene-d8
Concen: 52.37 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 102.59 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 43 Resp: 426628

Ion Ratio Lower Upper

43 100

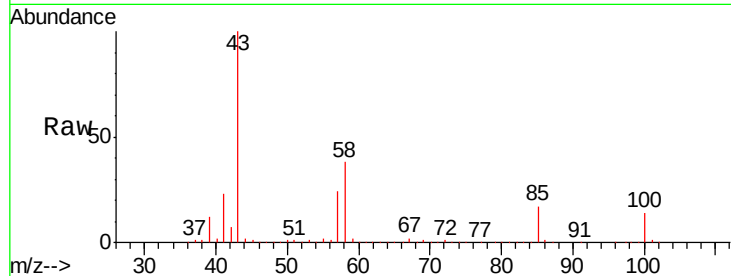
58 37.9 33.1 49.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

250000

200000

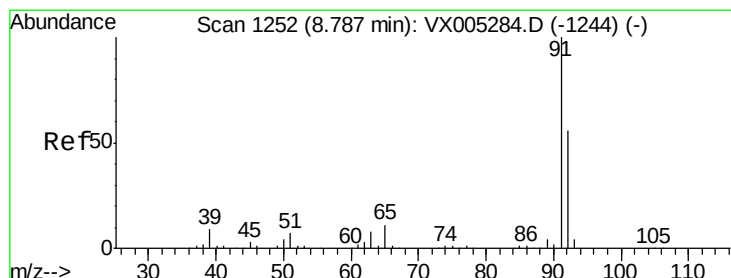
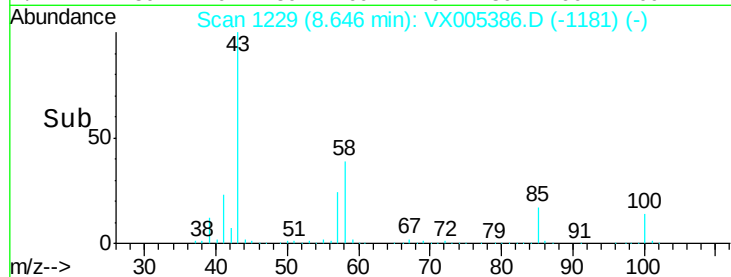
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.94 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005386.D

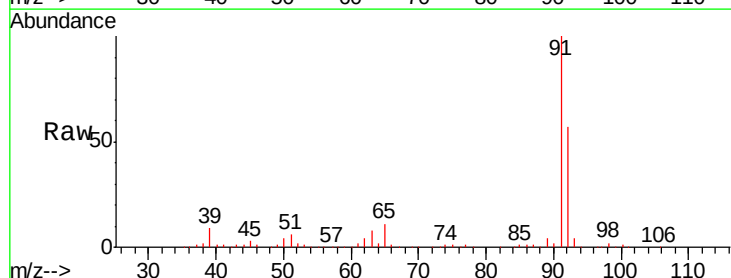
Acq: 17 Oct 2018 11:44

Tgt Ion: 92 Resp: 120505

Ion Ratio Lower Upper

92 100

91 174.3 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

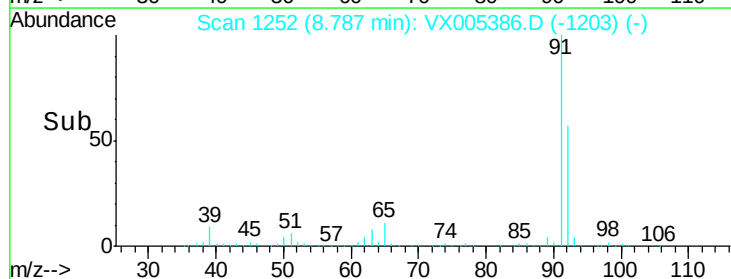
150000

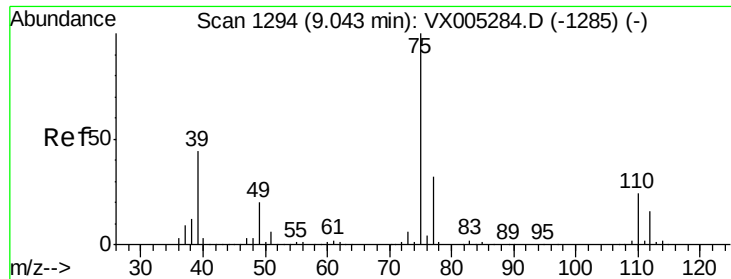
100000

50000

0

Time-->





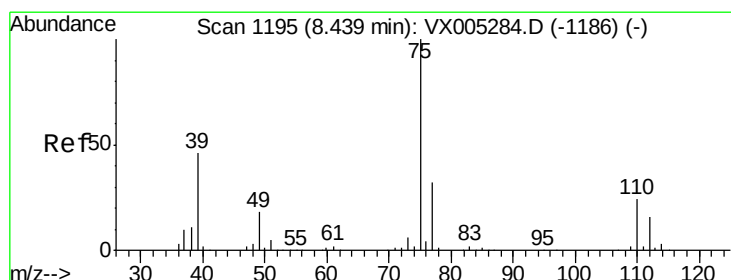
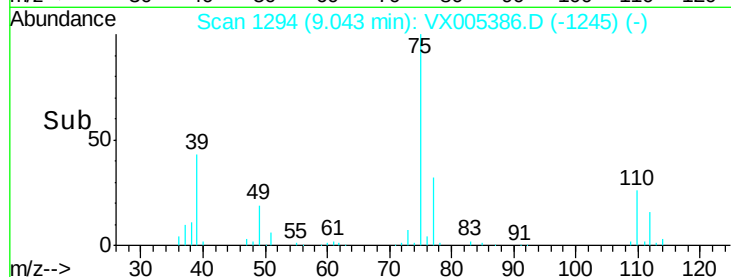
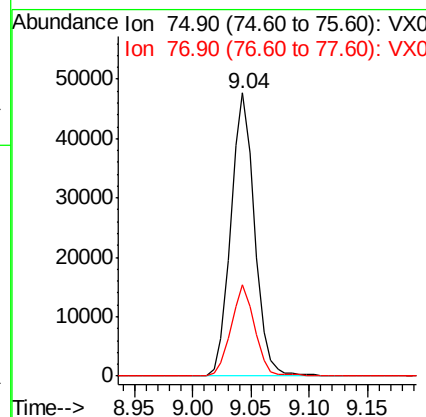
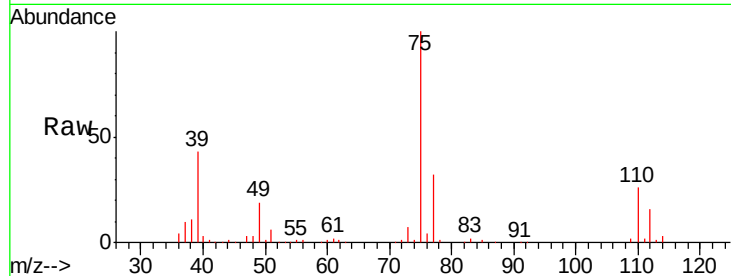
#53
t-1,3-Dichloropropene
Concen: 19.85 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion: 75 Resp: 67654
Ion Ratio Lower Upper
75 100
77 32.1 24.6 37.0

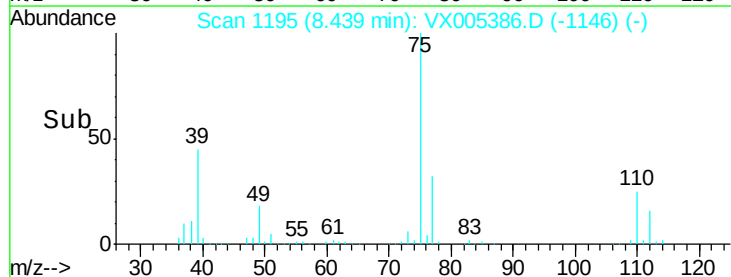
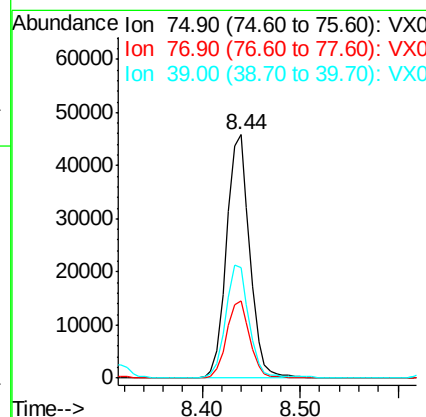
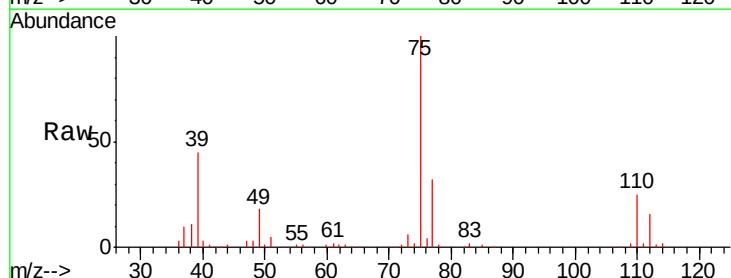
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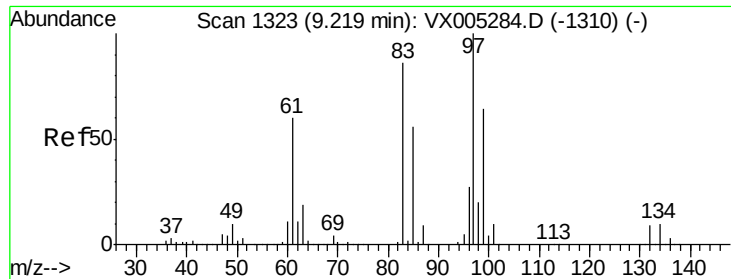
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 20.45 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion: 75 Resp: 75513
Ion Ratio Lower Upper
75 100
77 31.7 26.2 39.2
39 45.1 36.4 54.6





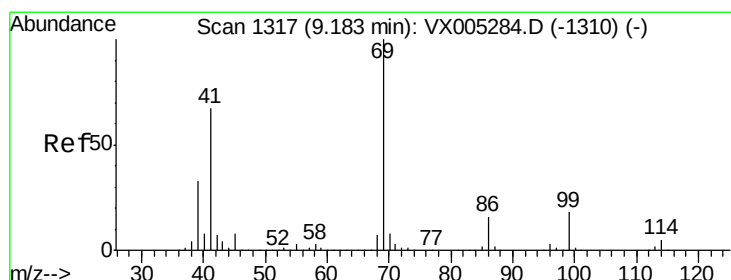
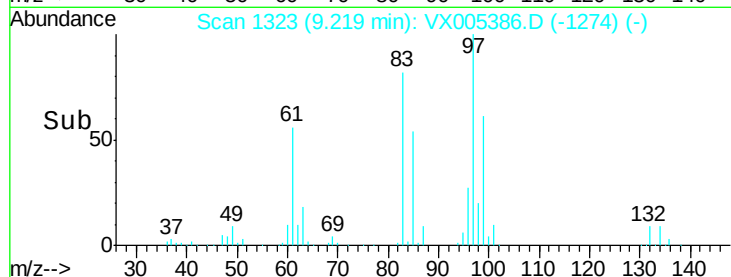
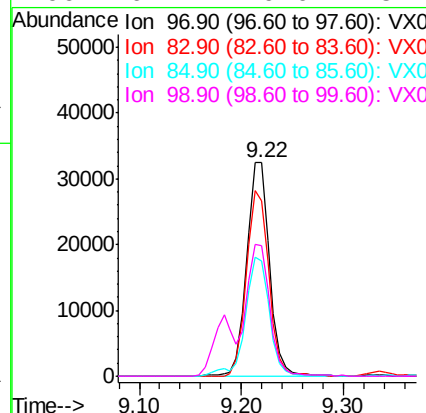
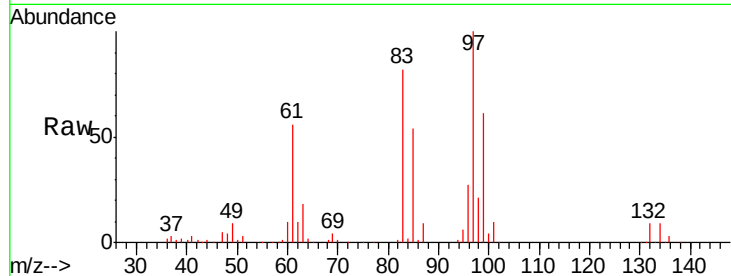
#55
 1,1,2-Trichloroethane
 Concen: 20.60 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.9	66.4	99.6
85	54.1	43.3	64.9
99	61.1	49.0	73.4

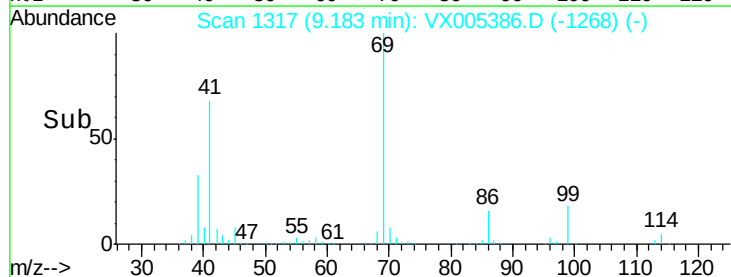
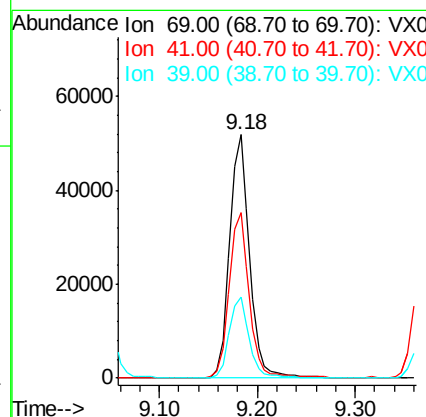
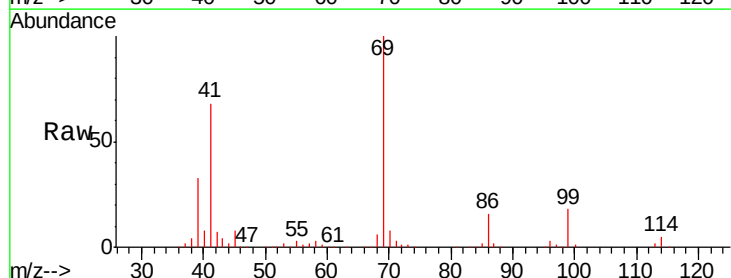
Manual Integrations
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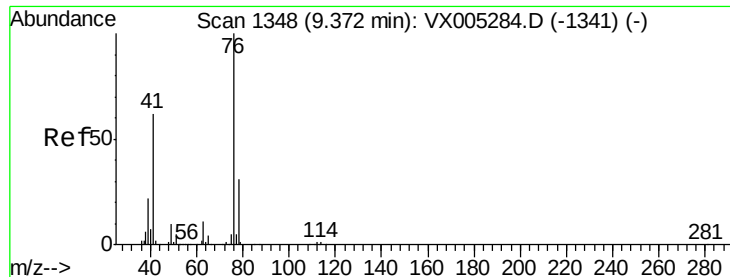
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#56
 Ethyl methacrylate
 Concen: 20.63 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.6	51.0	76.4
39	33.0	26.1	39.1





#57

1,3-Dichloropropane

Concen: 20.46 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 76 Resp: 83215

Ion Ratio Lower Upper

76 100

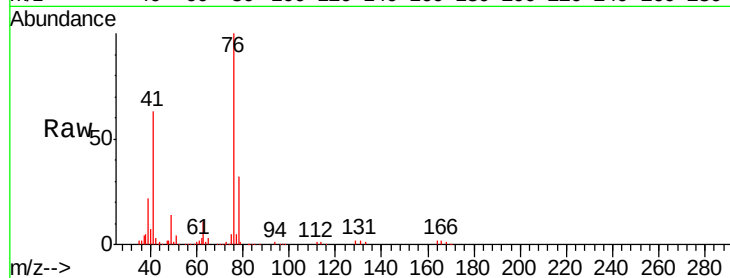
78 32.2 25.5 38.3

Manual Integrations

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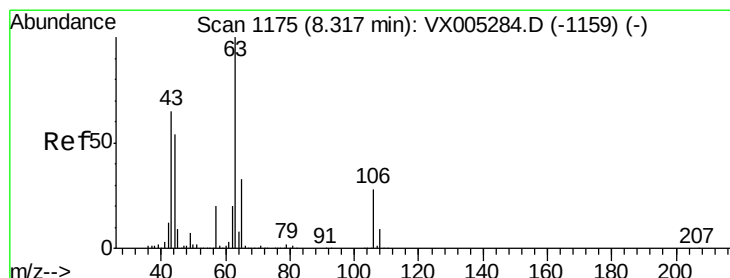
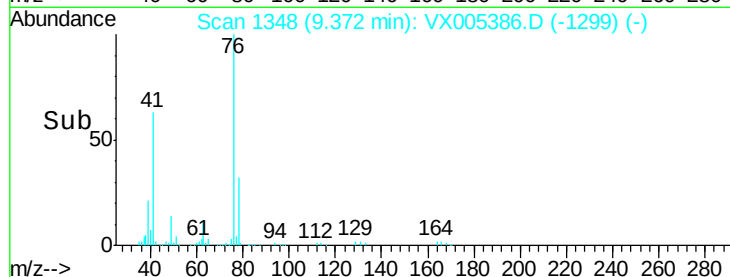
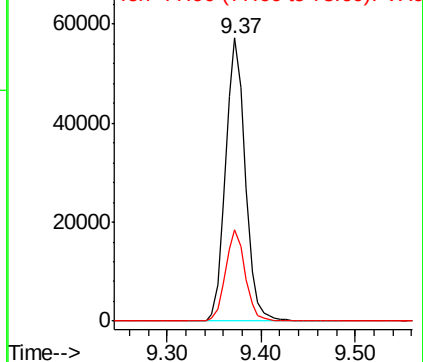
MMDadoda

10/19/2018 12:23:20 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 107.27 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005386.D

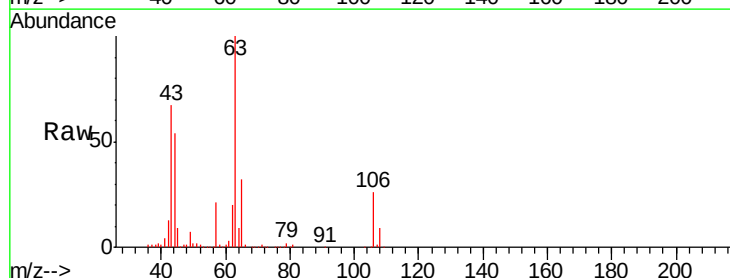
Acq: 17 Oct 2018 11:44

Tgt Ion: 63 Resp: 213728

Ion Ratio Lower Upper

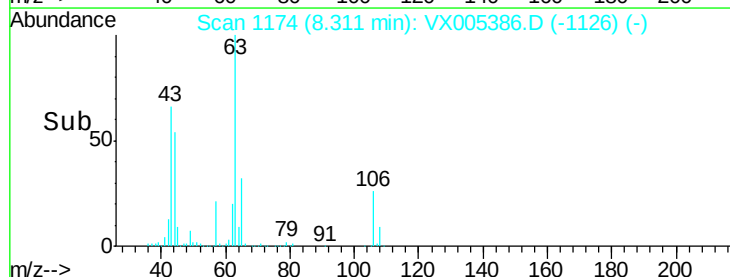
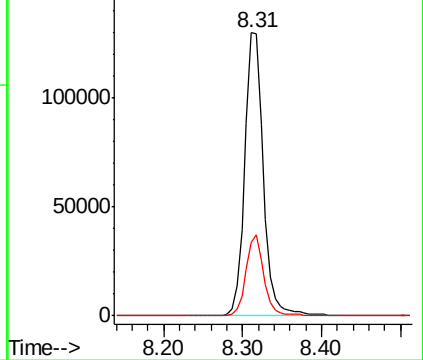
63 100

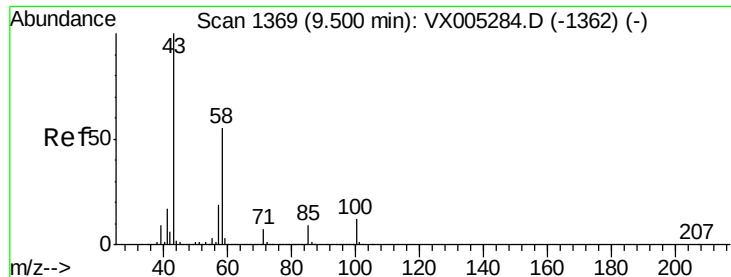
106 27.3 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





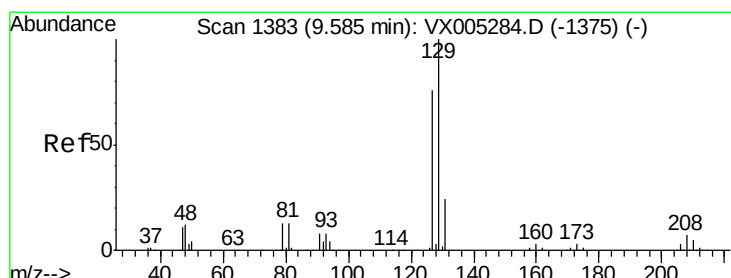
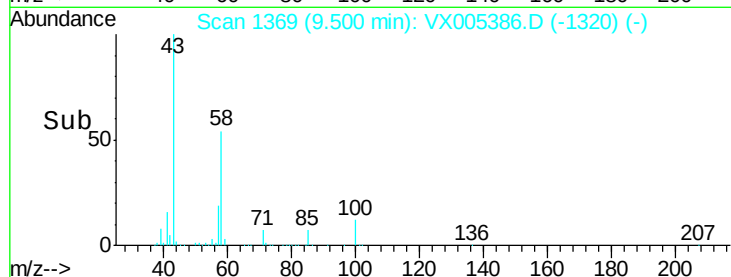
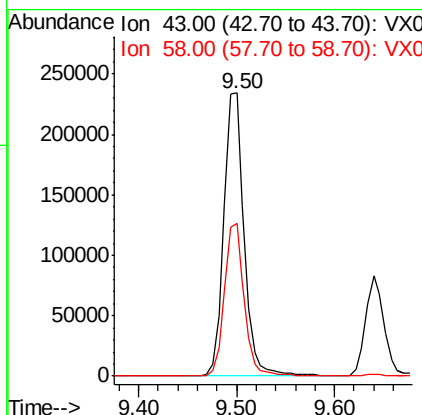
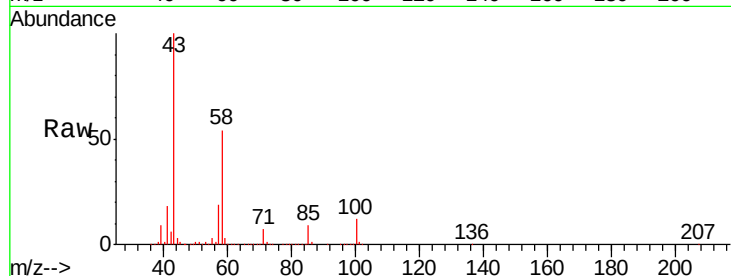
#59
2-Hexanone
Concen: 100.45 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion: 43 Resp: 336041
Ion Ratio Lower Upper
43 100
58 53.0 29.0 87.0

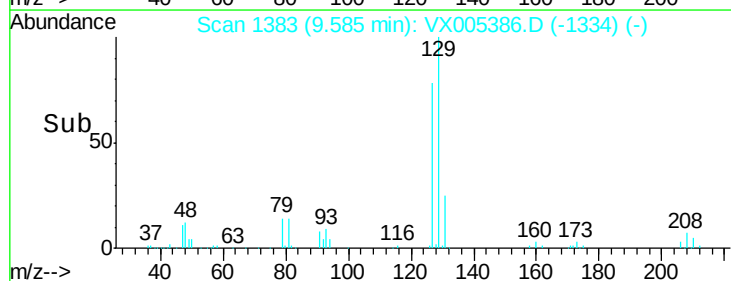
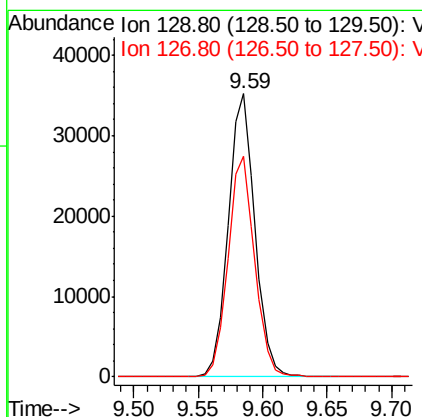
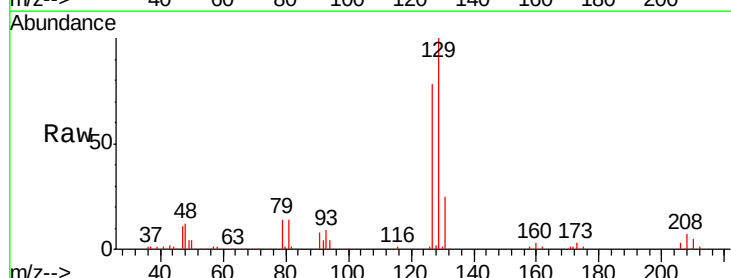
Manual Integrations
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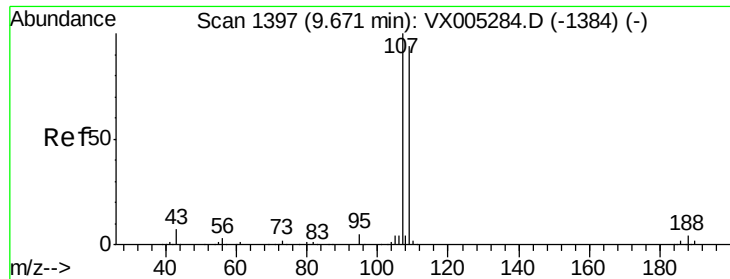
MMDadoda
10/19/2018 12:23:20 PM



#60
Dibromochloromethane
Concen: 20.27 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion: 129 Resp: 51063
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.48 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 107 Resp: 52373

Ion Ratio Lower Upper

107 100

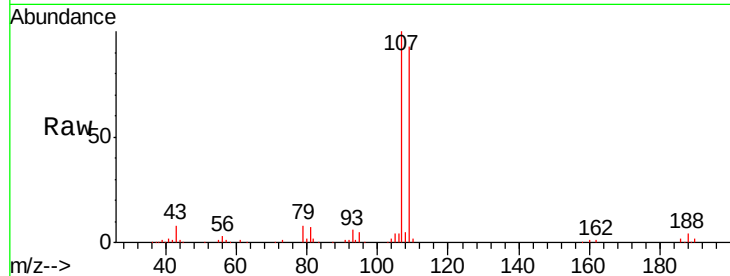
109 94.6 76.0 114.0

Manual Integrations

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MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

30000

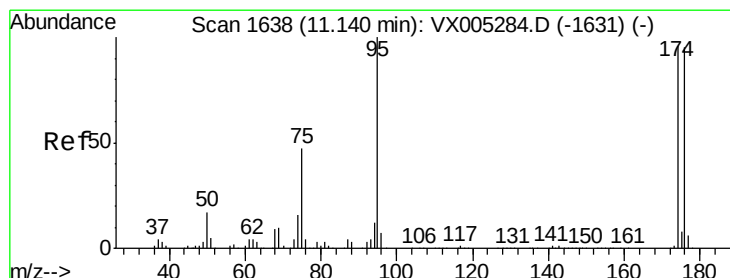
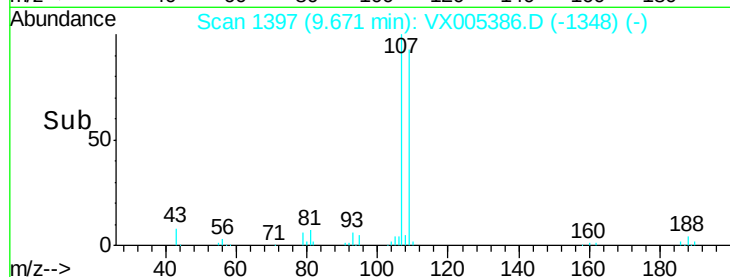
20000

10000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 52.27 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

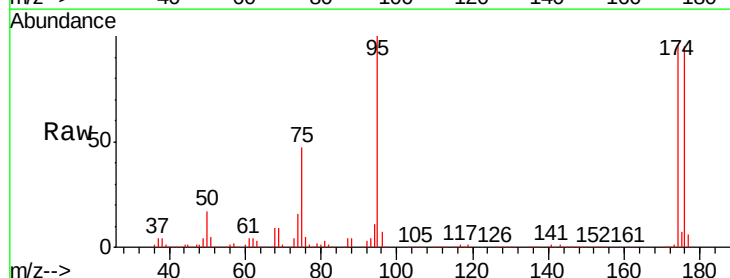
Tgt Ion: 95 Resp: 161616

Ion Ratio Lower Upper

95 100

174 94.4 0.0 185.2

176 91.3 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

150000

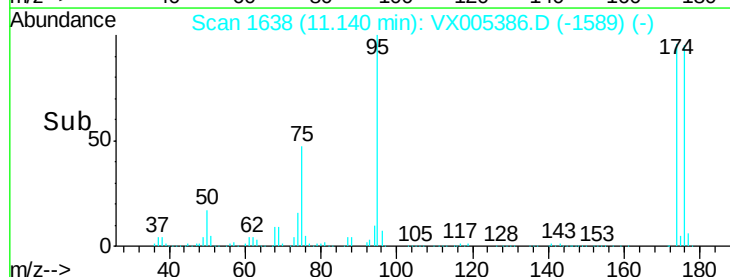
100000

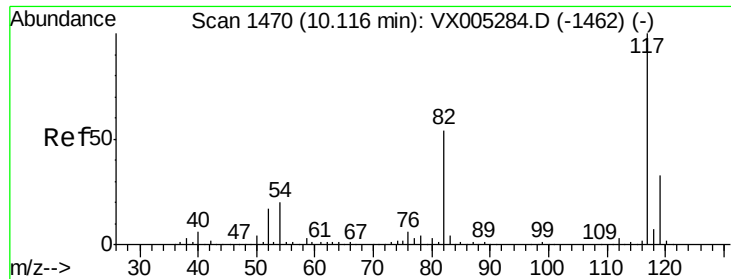
50000

0

11.10 11.20

Time-->





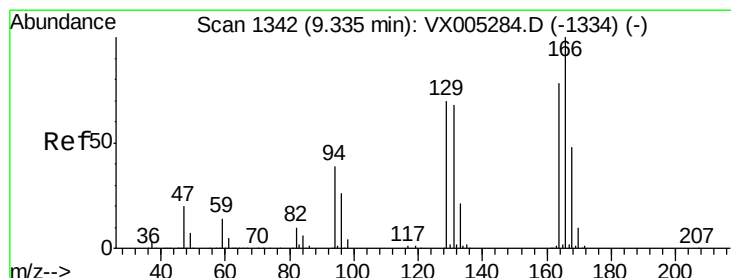
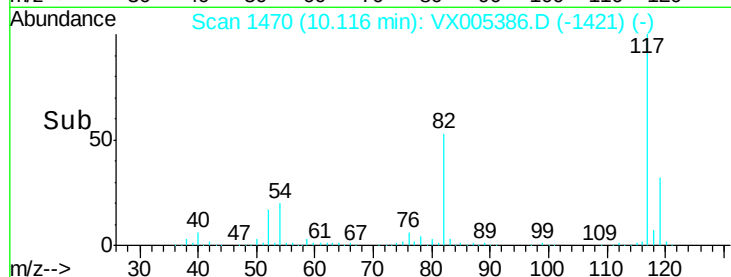
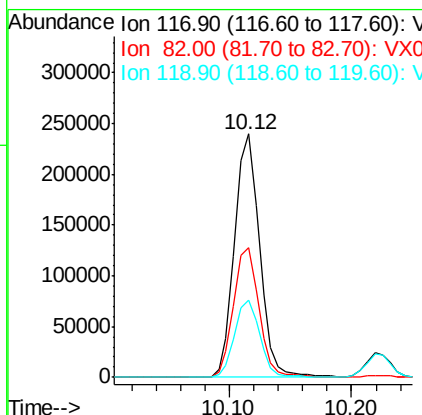
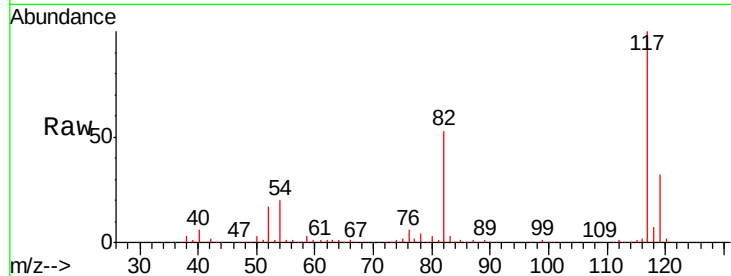
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	340317		
82	53.4	47.8	71.6	
119	31.8	29.3	43.9	

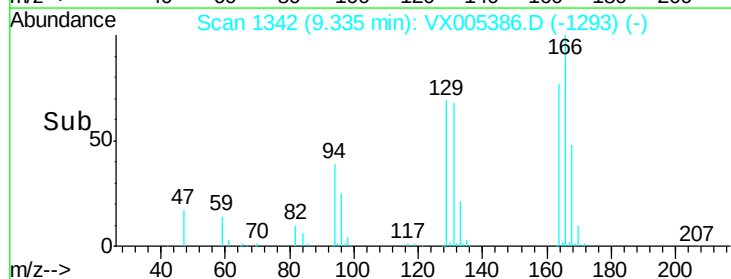
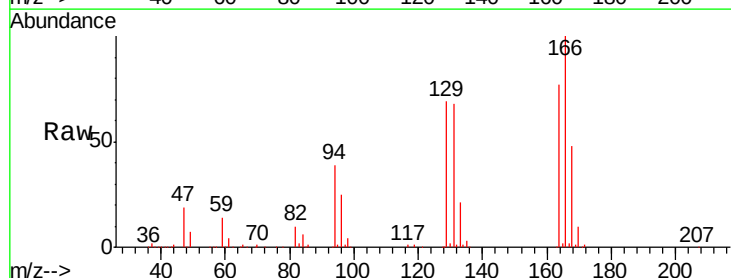
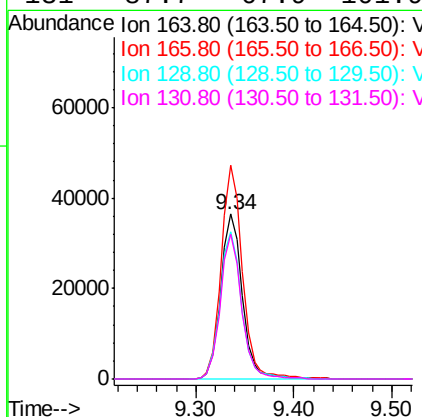
Manual Integrations
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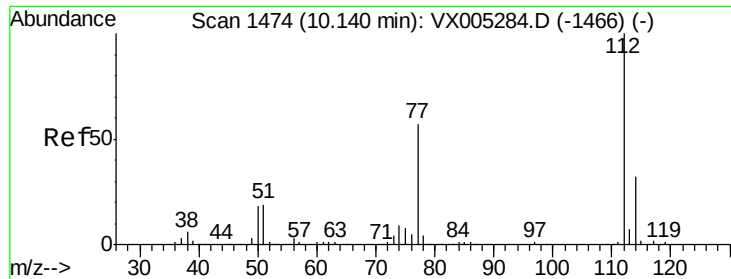
MMDadoda
10/19/2018 12:23:20 PM



#64
Tetrachloroethene
Concen: 20.52 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	56212		
166	129.8	102.8	154.2	
129	89.3	69.4	104.0	
131	87.7	67.9	101.9	





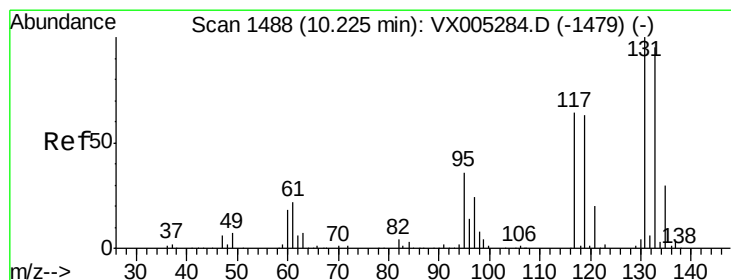
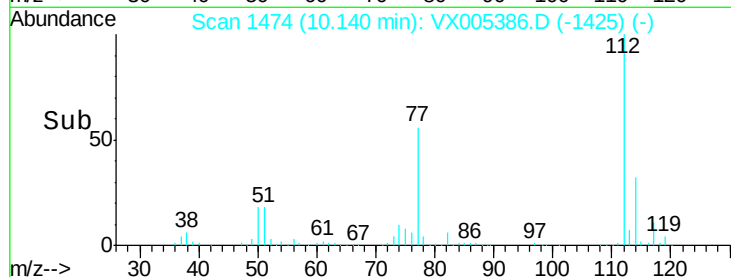
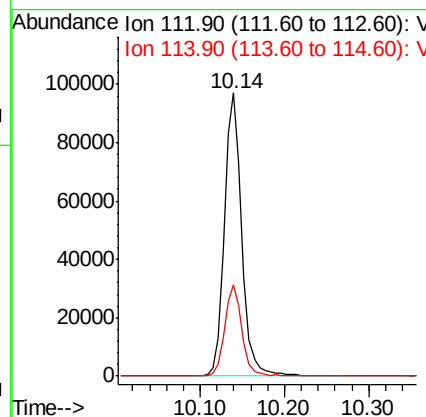
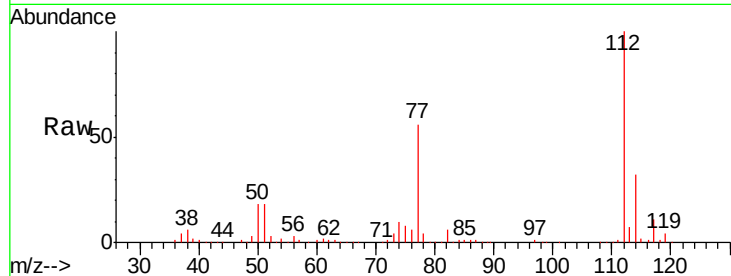
#65
Chlorobenzene
Concen: 18.92 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion:112 Resp: 136973
Ion Ratio Lower Upper
112 100
114 32.3 27.8 41.8

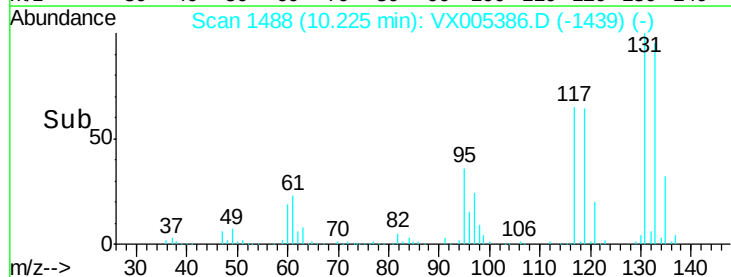
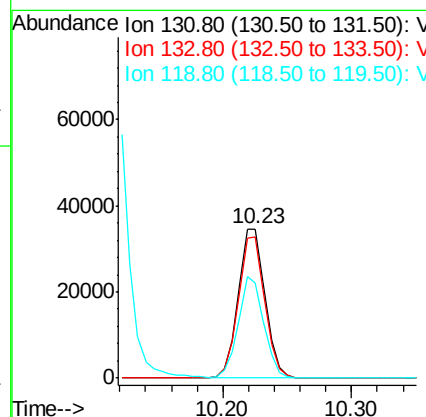
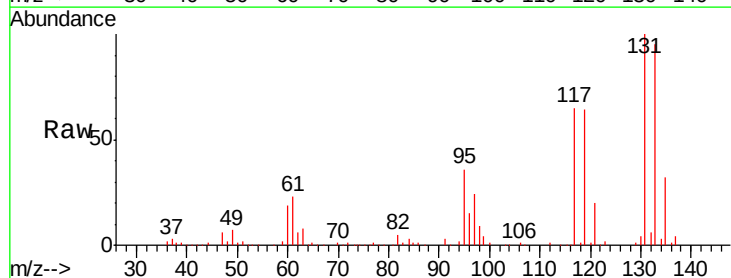
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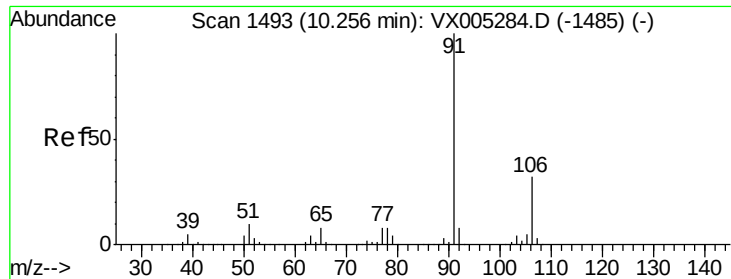
MMDadoda
10/19/2018 12:23:20 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.49 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion:131 Resp: 50280
Ion Ratio Lower Upper
131 100
133 93.4 48.1 144.4
119 65.4 32.9 98.6





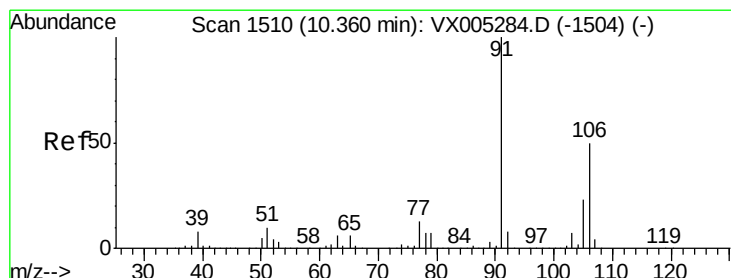
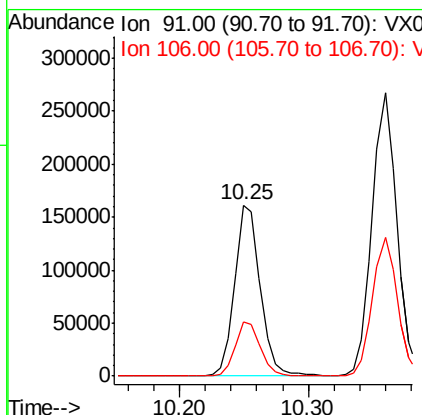
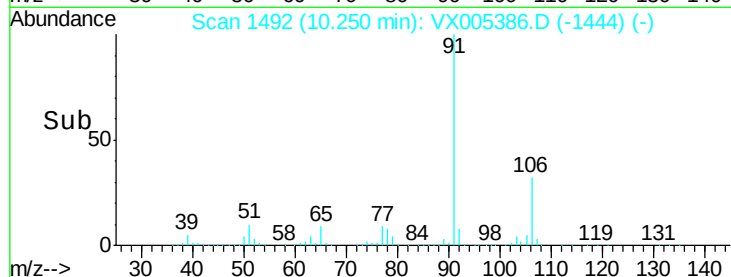
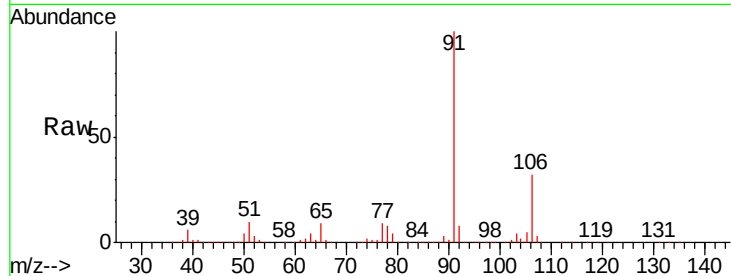
#67
Ethyl Benzene
Concen: 19.07 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion: 91 Resp: 224422
Ion Ratio Lower Upper
91 100
106 31.5 25.9 38.9

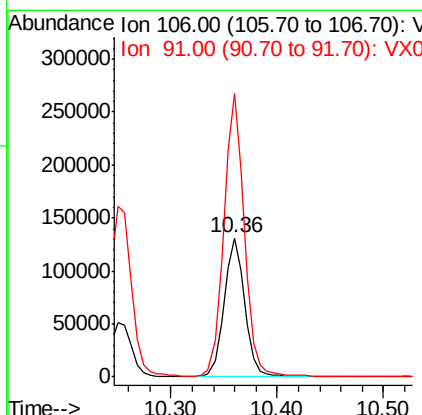
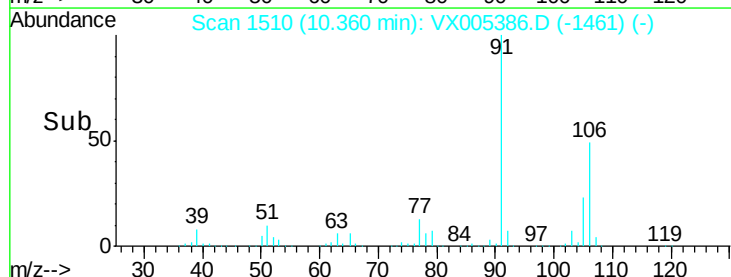
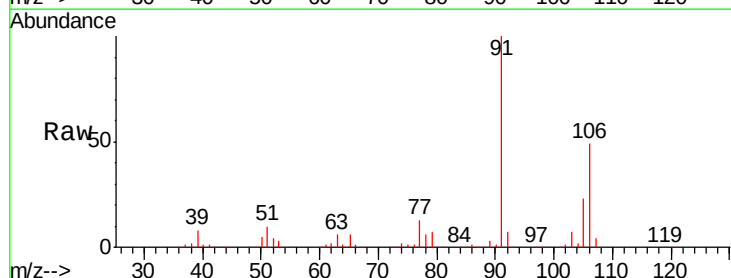
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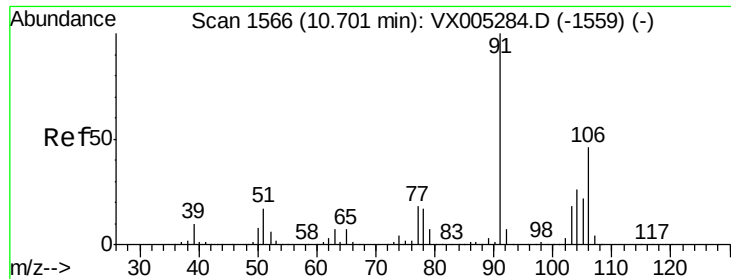
MMDadoda
10/19/2018 12:23:20 PM



#68
m/p-Xylenes
Concen: 38.82 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion: 106 Resp: 177300
Ion Ratio Lower Upper
106 100
91 203.3 157.1 235.7





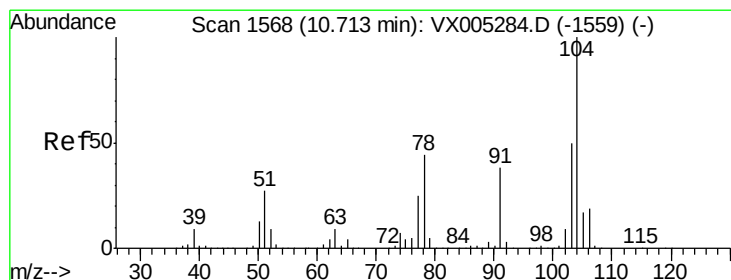
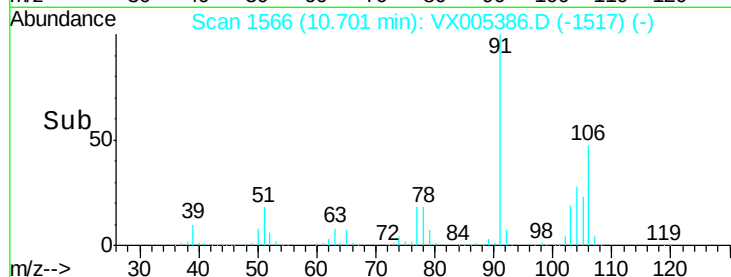
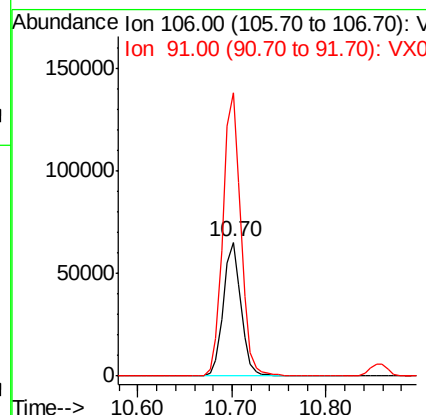
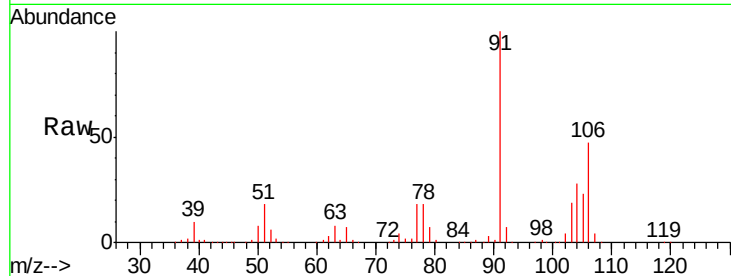
#69
o-Xylene
Concen: 19.28 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion:106 Resp: 84912
Ion Ratio Lower Upper
106 100
91 215.6 105.1 315.1

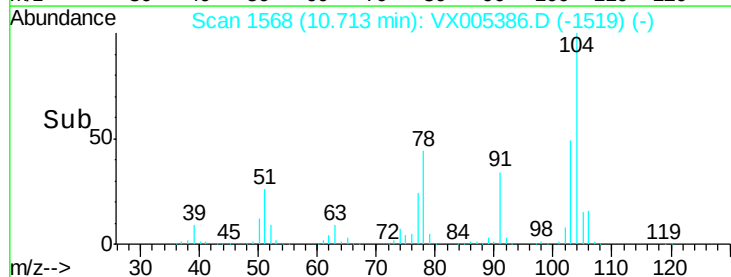
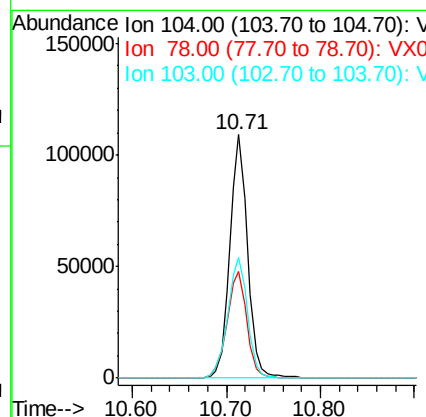
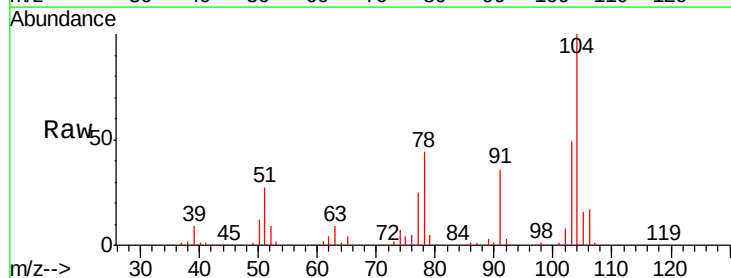
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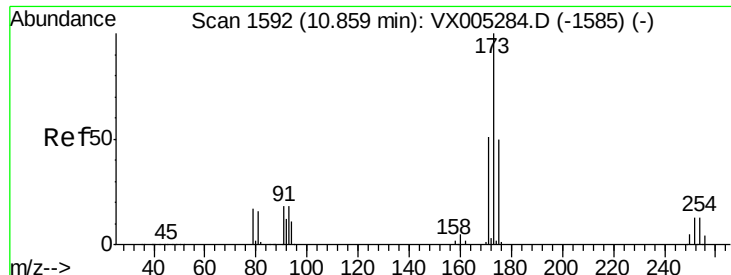
MMDadoda
10/19/2018 12:23:20 PM



#70
Styrene
Concen: 19.72 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion:104 Resp: 142908
Ion Ratio Lower Upper
104 100
78 49.1 37.4 56.0
103 55.4 43.8 65.6





#71

Bromoform

Concen: 18.46 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion:173 Resp: 42556

Ion Ratio Lower Upper

173 100

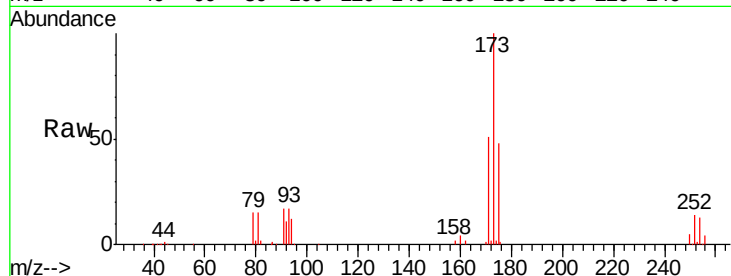
175 49.0 24.1 72.3

254 0.2 0.2 0.2

Manual Integrations
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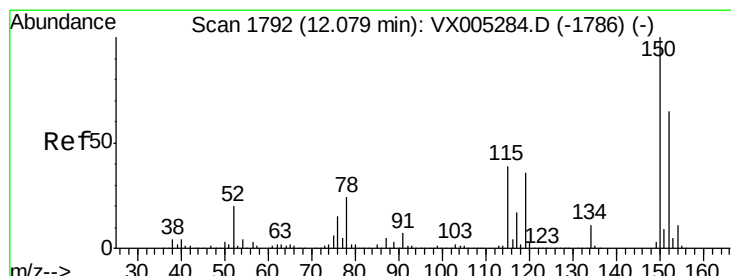
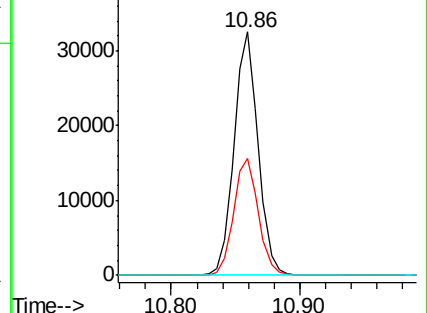
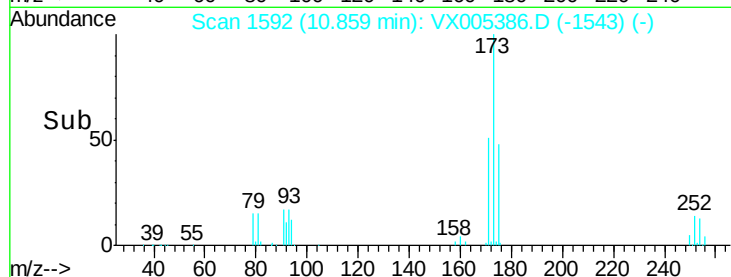
10/19/2018 12:23:20 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

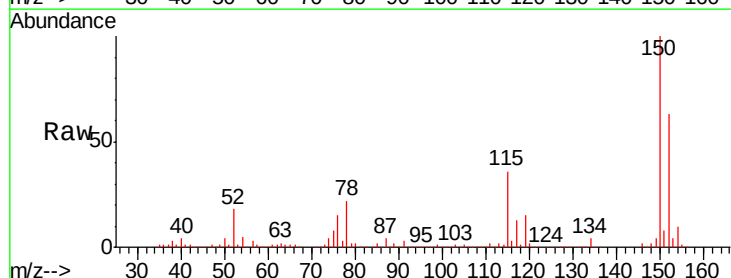
Tgt Ion:152 Resp: 192677

Ion Ratio Lower Upper

152 100

115 64.1 39.0 117.0

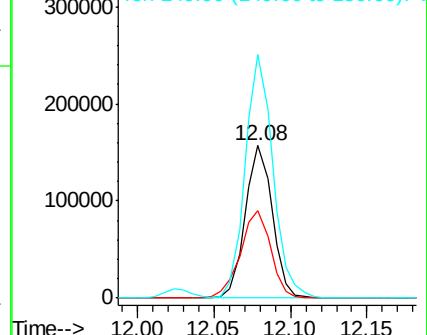
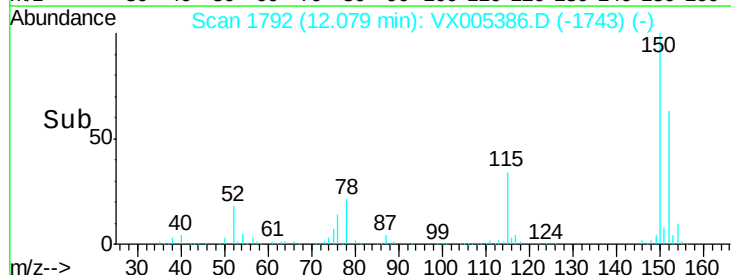
150 163.7 0.0 351.0

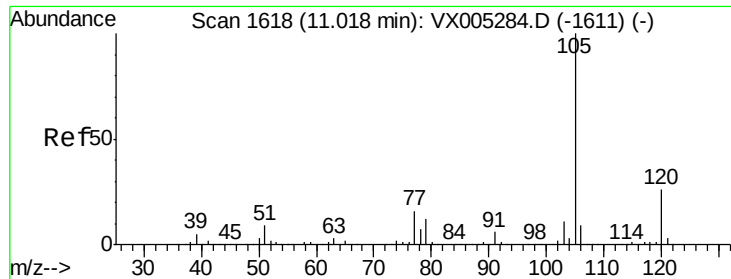


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.37 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 105 Resp: 233297

Ion Ratio Lower Upper

105 100

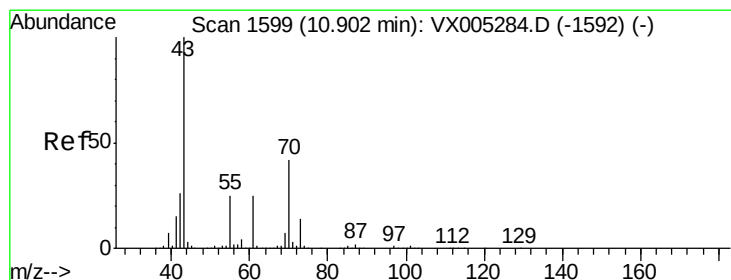
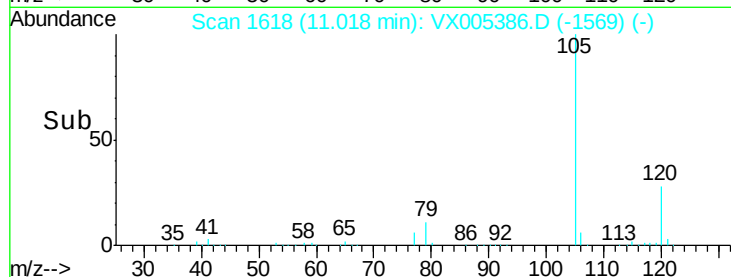
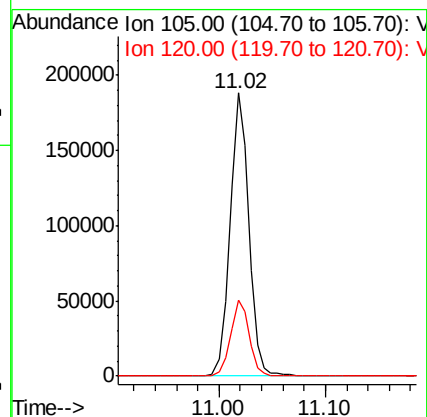
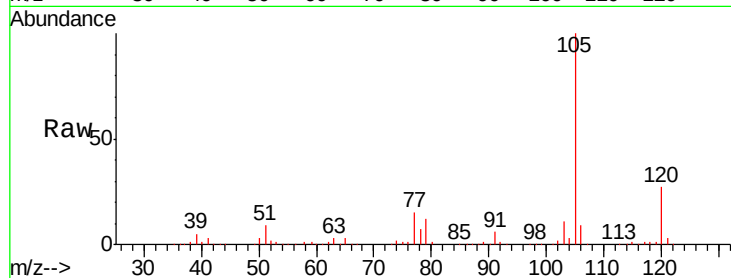
120 26.7 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.13 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Tgt Ion: 43 Resp: 105660

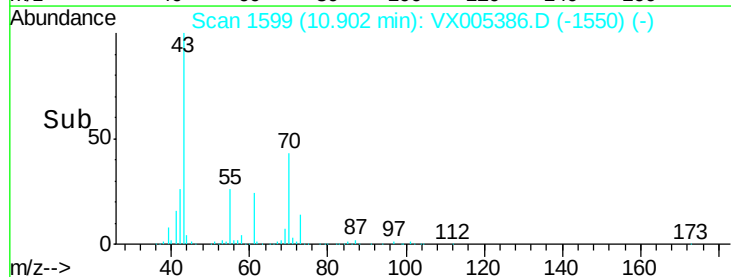
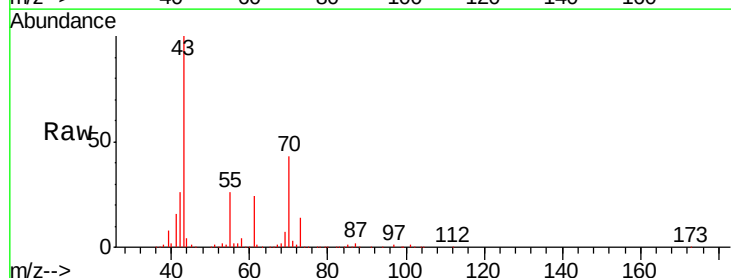
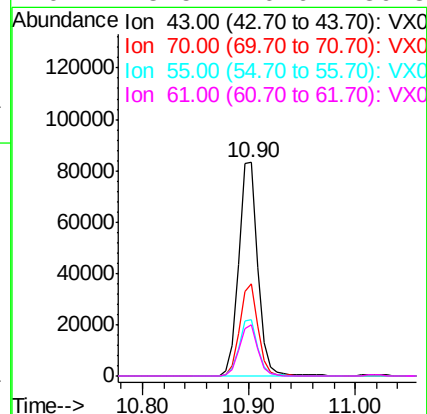
Ion Ratio Lower Upper

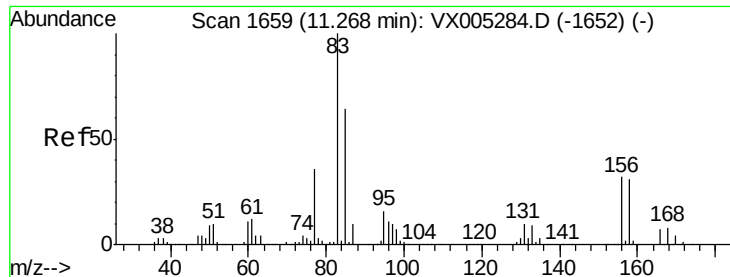
43 100

70 41.5 37.4 56.0

55 26.3 21.8 32.8

61 23.5 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.05 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

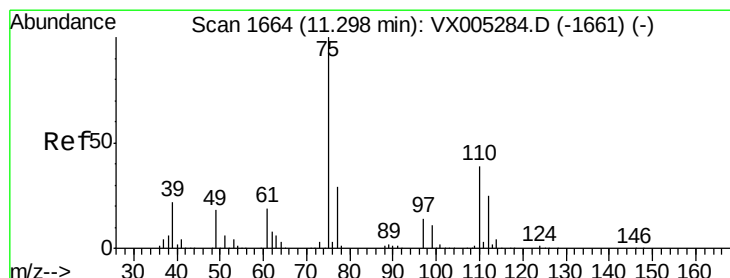
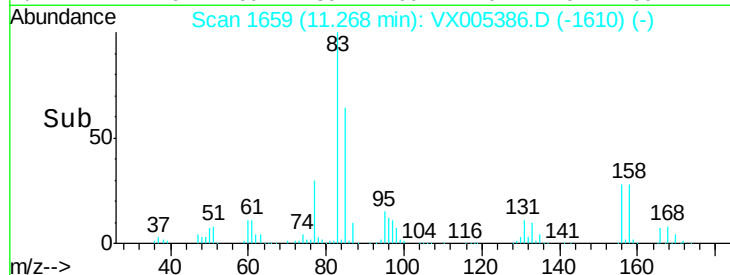
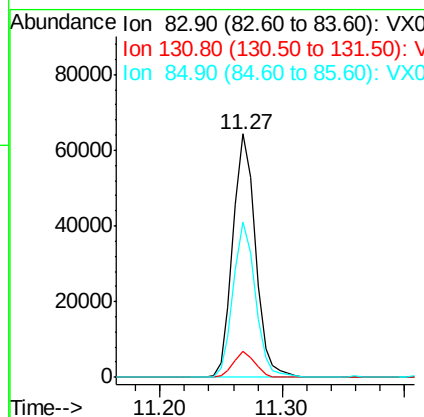
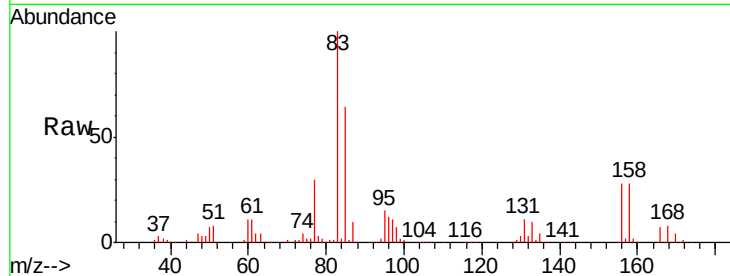
ClientSampleId :

VX1017WBSD01

Tgt Ion:	83	Resp:	82324
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.2	15.6
85	62.7	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 23.14 ug/l m

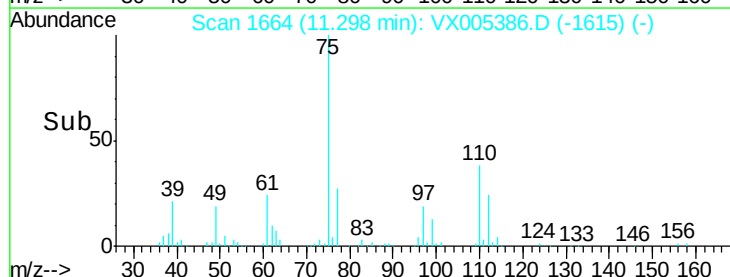
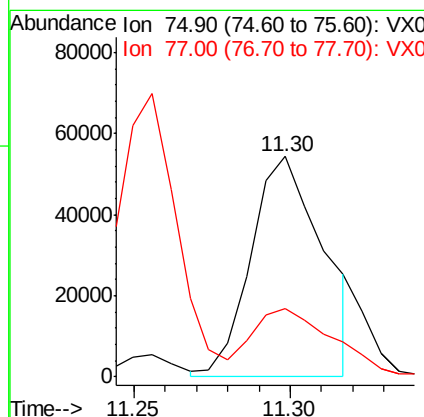
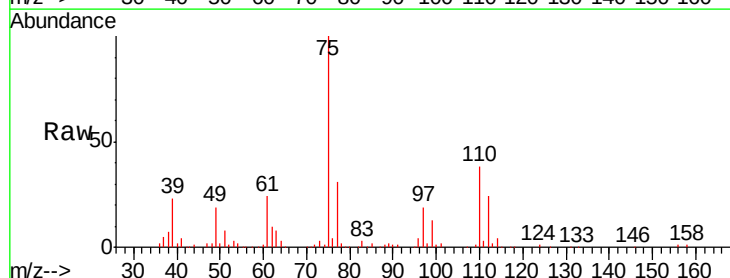
RT: 11.30 min Scan# 1664

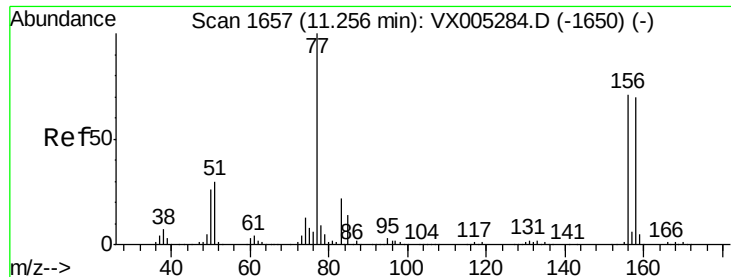
Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Tgt Ion:	75	Resp:	86484
Ion Ratio	Lower	Upper	
75	100		
77	34.7	20.2	60.6





#77

Bromobenzene

Concen: 19.89 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion:156 Resp: 65129

Ion Ratio Lower Upper

156 100

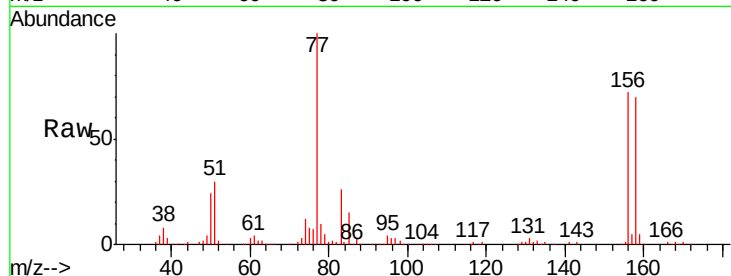
77 142.5 71.5 214.3

158 97.3 48.9 146.8

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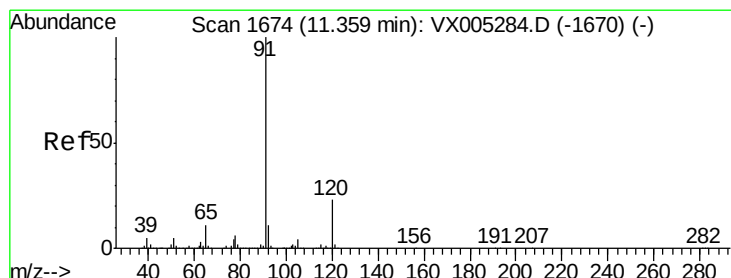
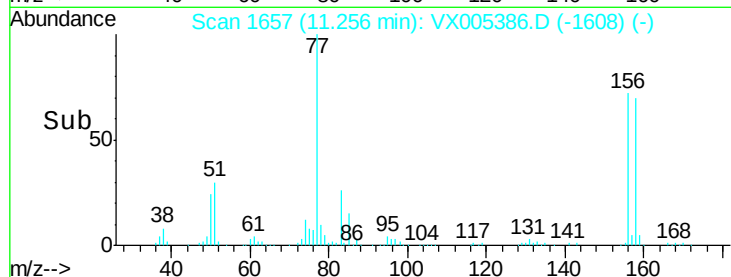
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

11.26

Time-->



#78

n-propylbenzene

Concen: 20.28 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005386.D

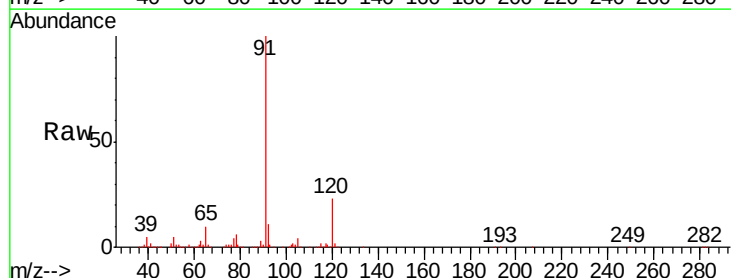
Acq: 17 Oct 2018 11:44

Tgt Ion: 91 Resp: 267304

Ion Ratio Lower Upper

91 100

120 23.8 11.9 35.9

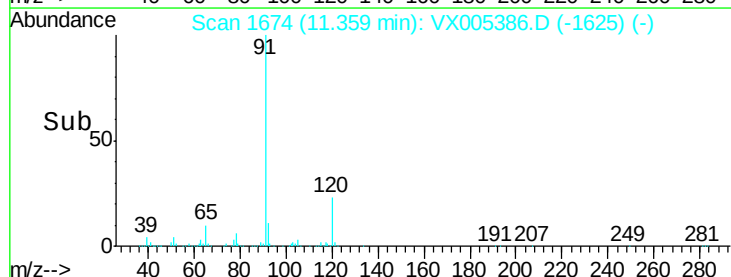


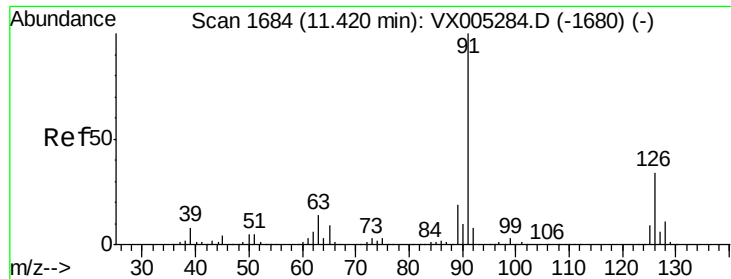
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

Time-->





#79

2-Chlorotoluene

Concen: 20.13 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 91 Resp: 162532

Ion Ratio Lower Upper

91 100

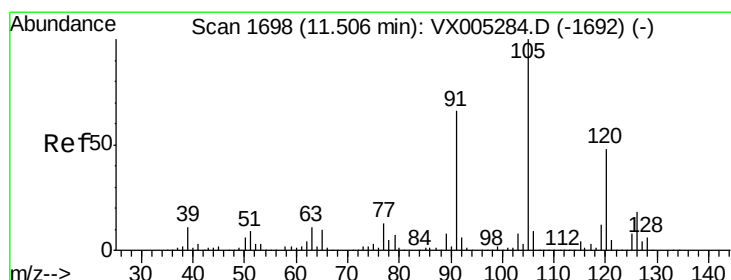
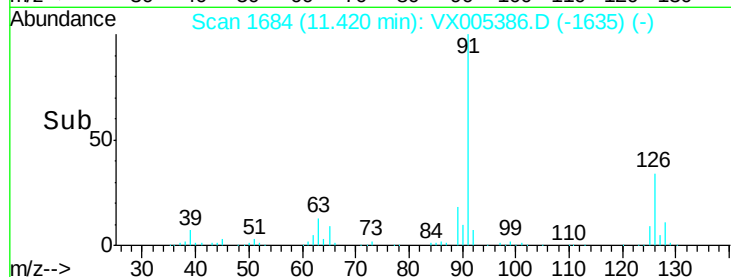
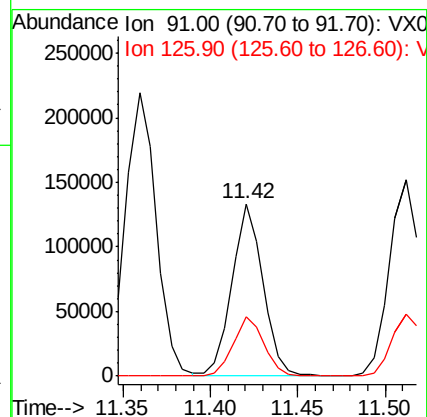
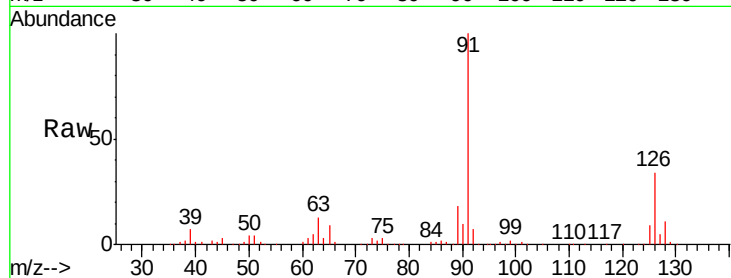
126 35.0 17.9 53.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.42 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005386.D

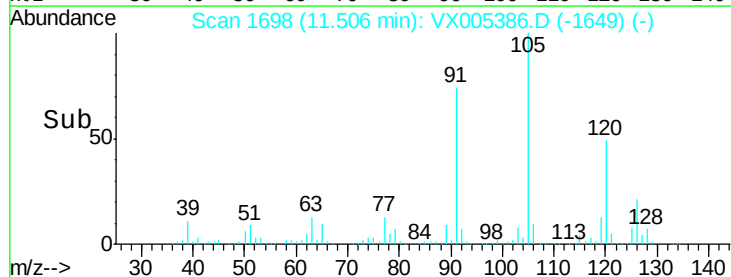
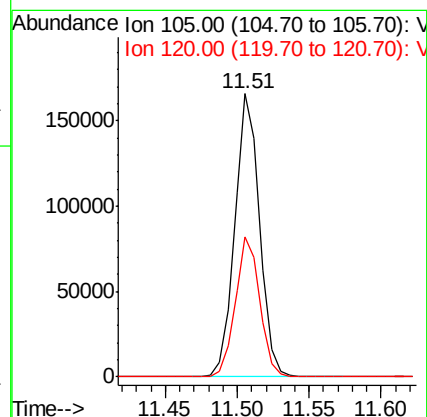
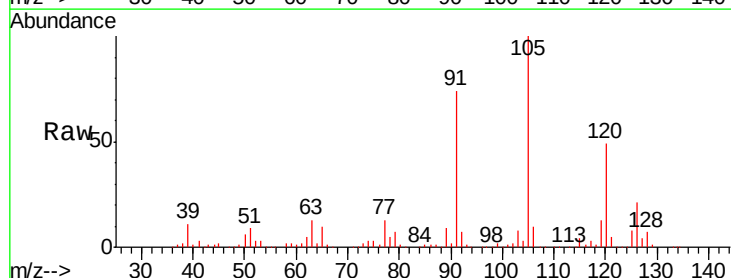
Acq: 17 Oct 2018 11:44

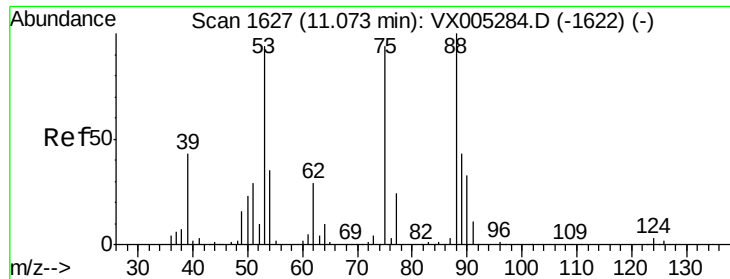
Tgt Ion: 105 Resp: 200283

Ion Ratio Lower Upper

105 100

120 49.0 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.24 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX005386.D

Acq: 17 Oct 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 75 Resp: 22437
Ion Ratio Lower Upper

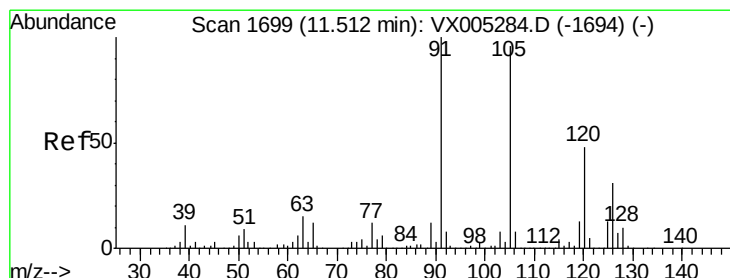
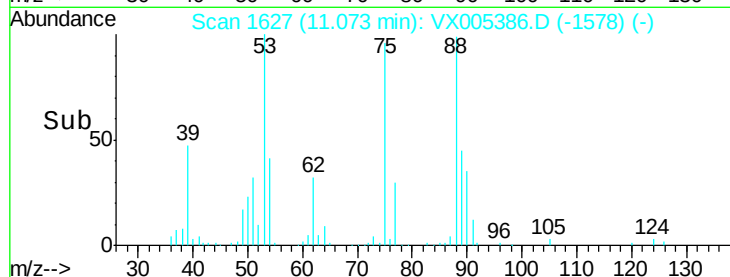
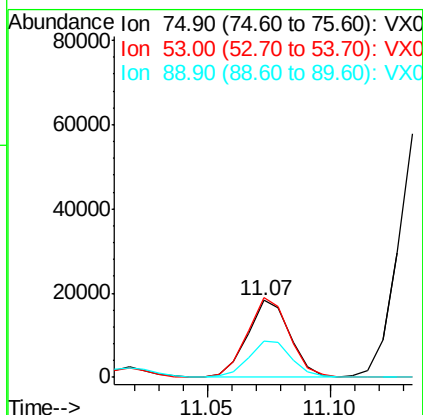
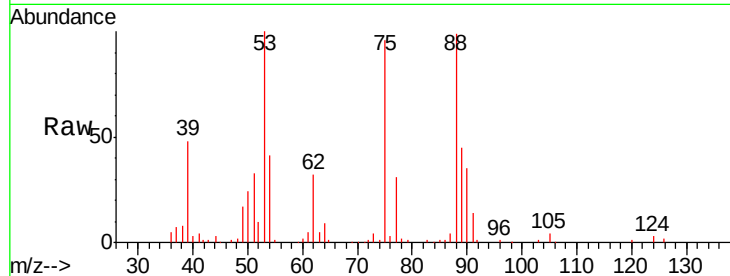
75 100

53 101.8 80.1 120.1

89 47.3 37.2 55.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.77 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

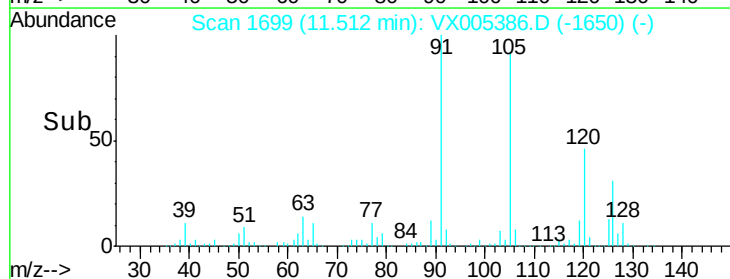
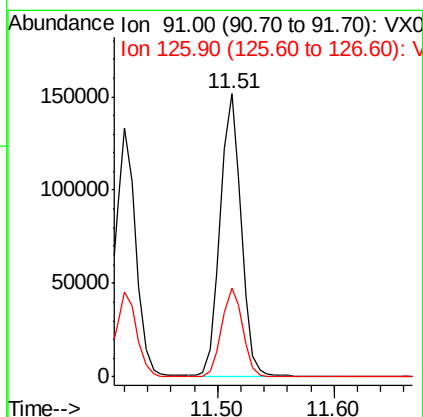
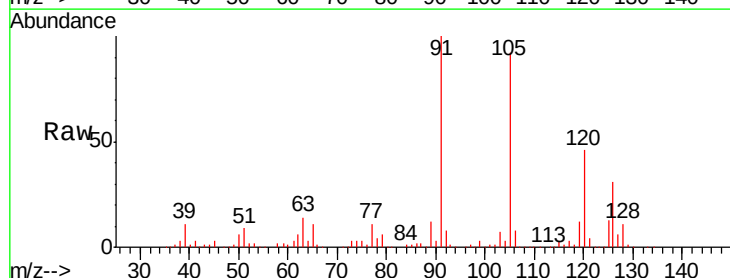
Lab File: VX005386.D

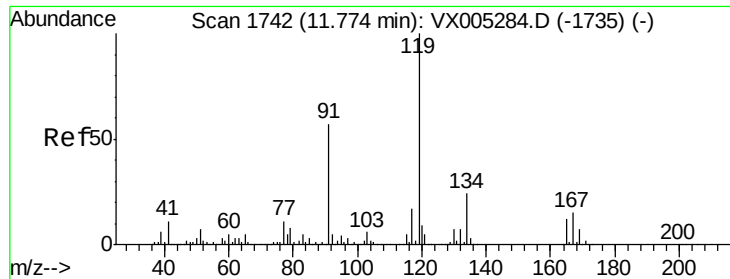
Acq: 17 Oct 2018 11:44

Tgt Ion: 91 Resp: 189191
Ion Ratio Lower Upper

91 100

126 31.6 15.5 46.5





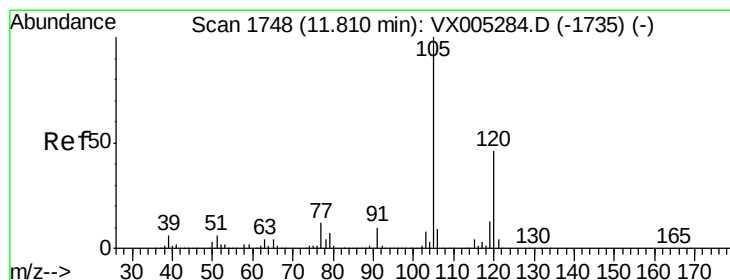
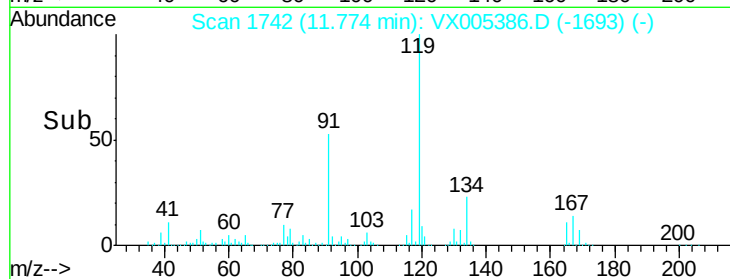
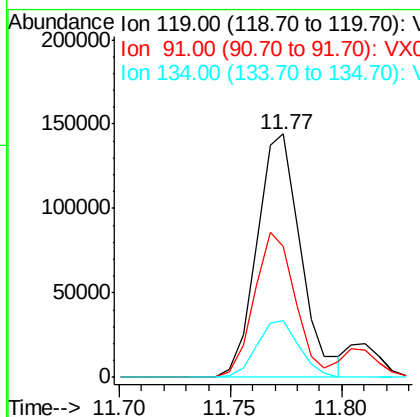
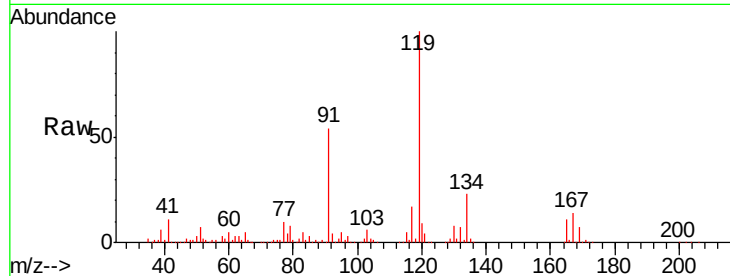
#83
 tert-Butylbenzene
 Concen: 19.84 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	197061		
91	55.7	27.0	81.0	
134	22.7	11.7	35.1	

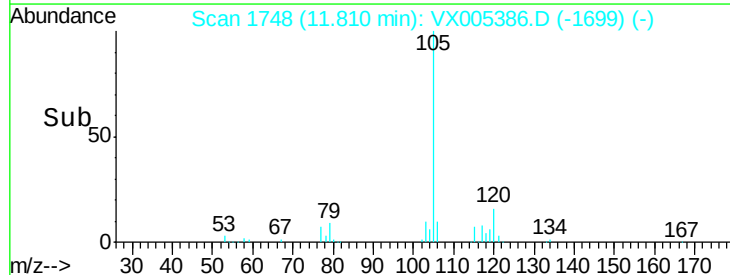
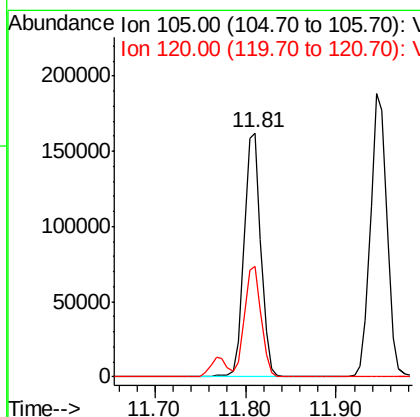
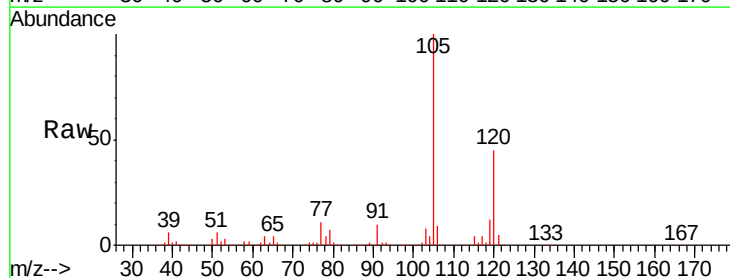
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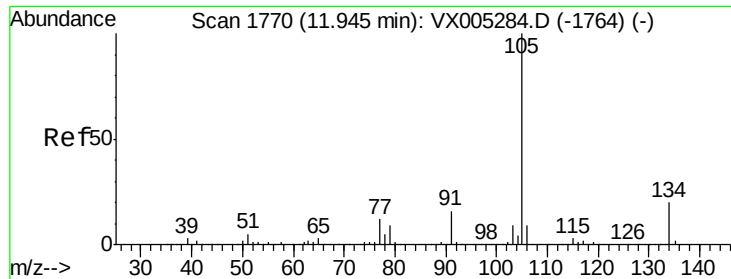
MMDadoda
 10/19/2018 12:23:20 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.57 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	207681		
120	45.0	23.2	69.6	





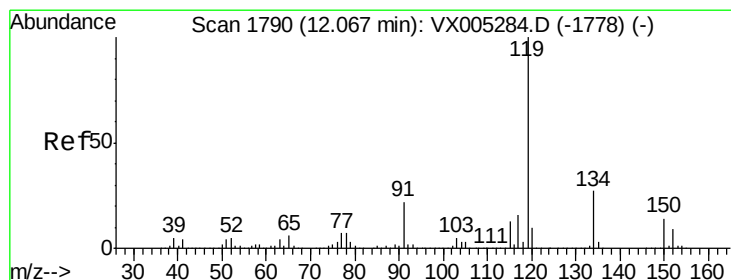
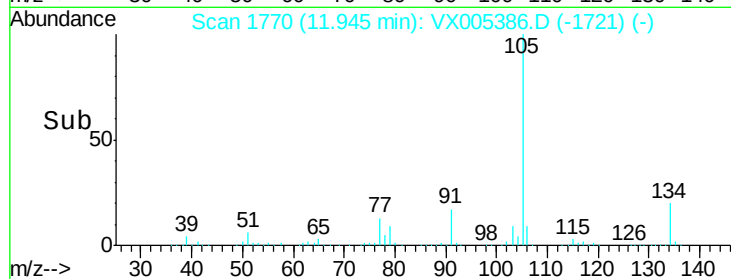
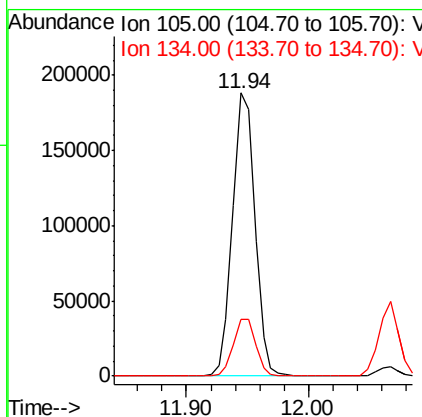
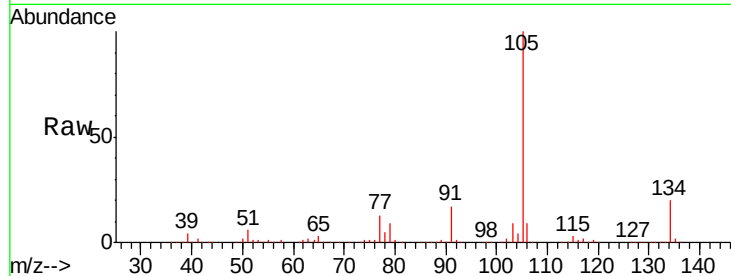
#85
 sec-Butylbenzene
 Concen: 20.28 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

Tgt Ion:105 Resp: 238436
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.5 31.5

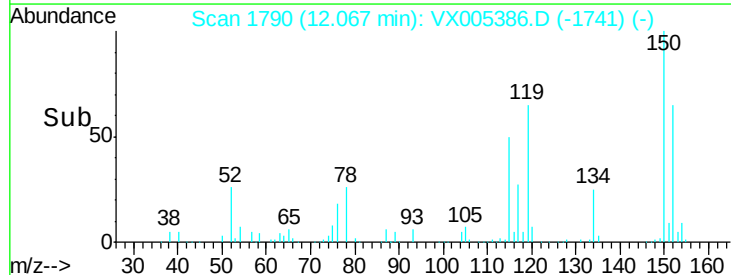
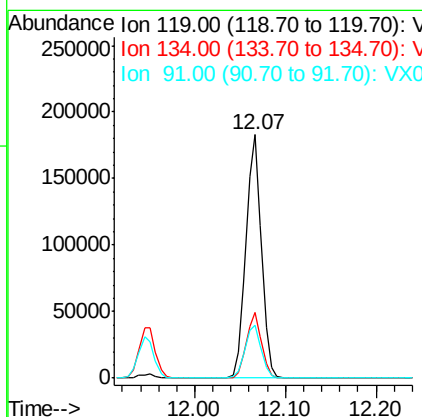
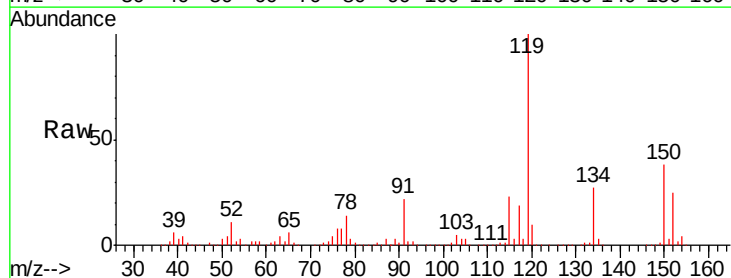
Manual Integrations
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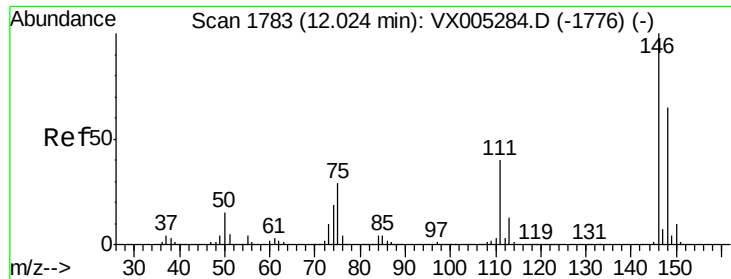
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 20.44 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Tgt Ion:119 Resp: 217112
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.2
 91 22.4 10.9 32.7





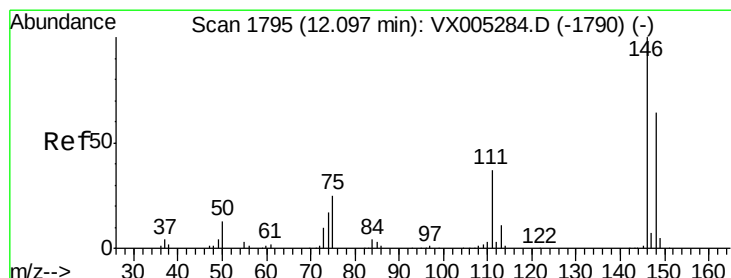
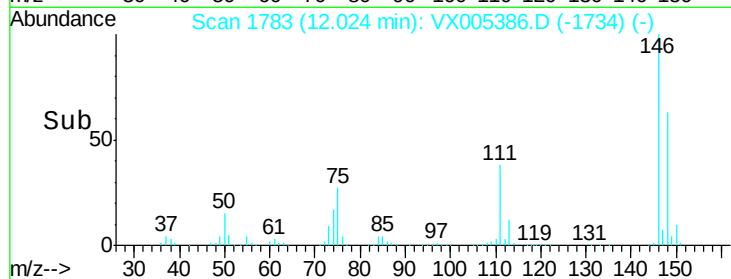
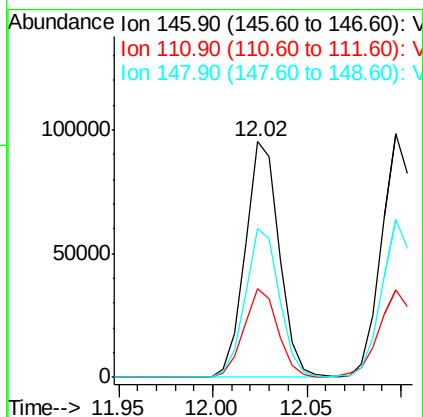
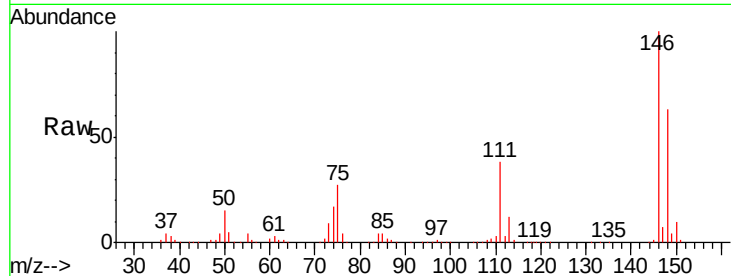
#87
 1,3-Dichlorobenzene
 Concen: 19.54 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	119559		
111	37.5	18.7	56.1	
148	63.4	32.1	96.5	

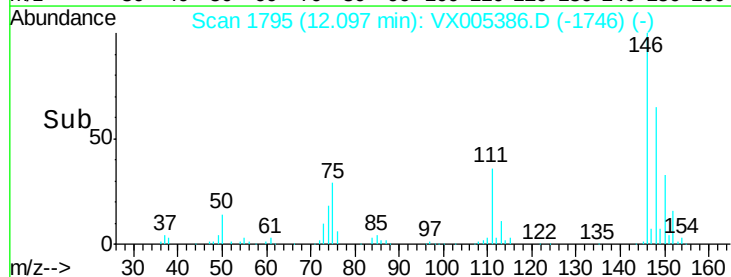
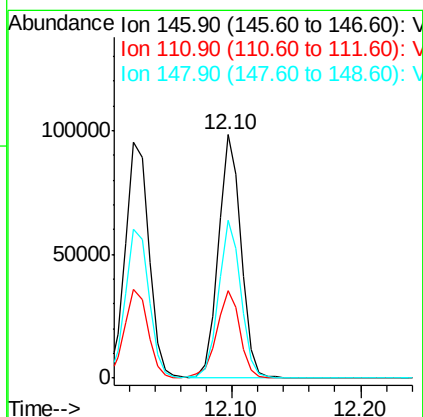
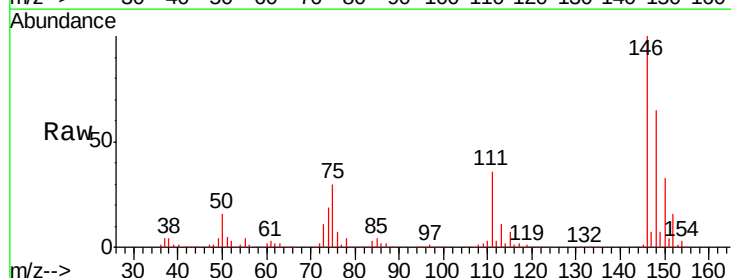
Manual Integrations
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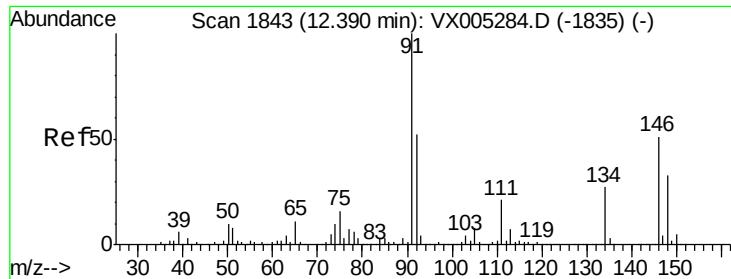
MMDadoda
 10/19/2018 12:23:20 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.50 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	122073		
111	37.2	18.1	54.1	
148	64.2	32.0	96.0	





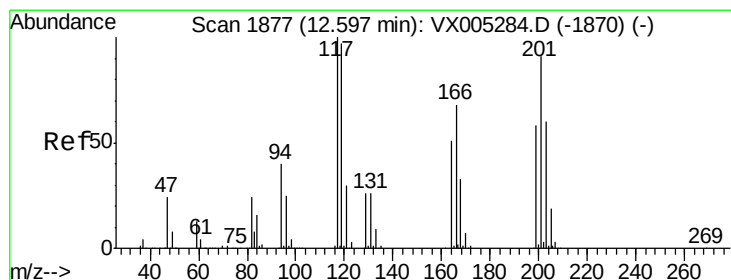
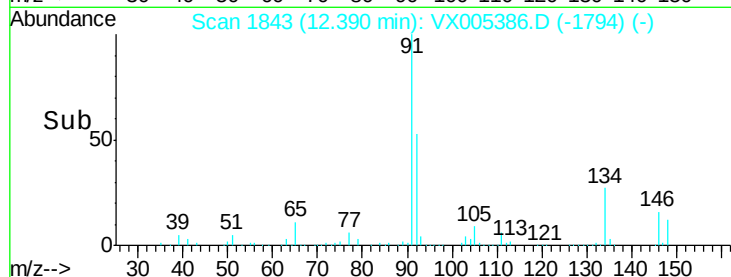
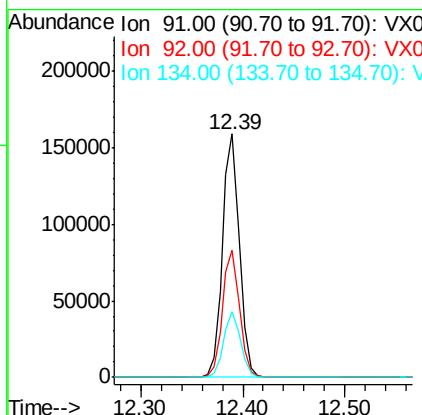
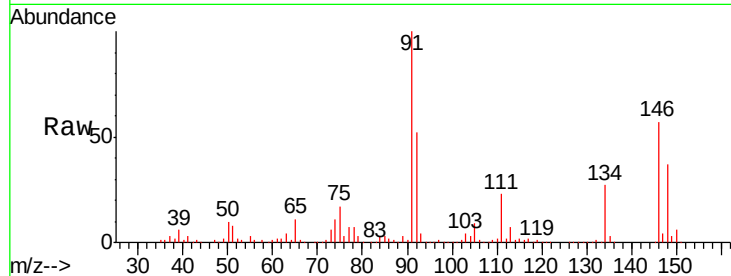
#89
n-Butylbenzene
Concen: 19.14 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion: 91 Resp: 184662
Ion Ratio Lower Upper
91 100
92 52.4 27.3 81.9
134 26.9 13.6 40.7

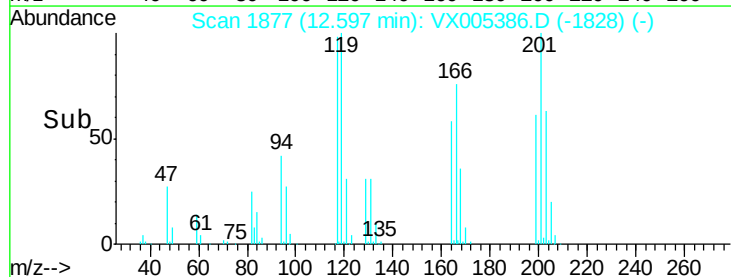
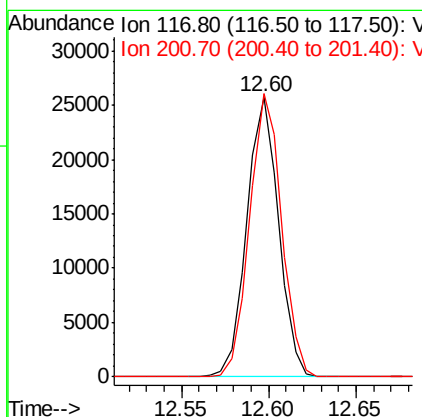
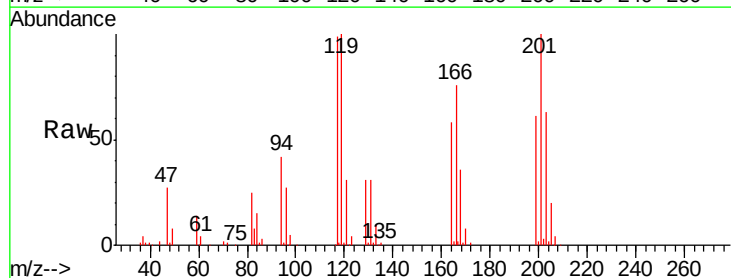
Manual Integrations
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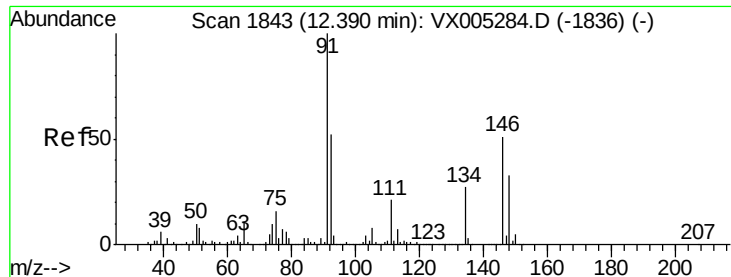
MMDadoda
10/19/2018 12:23:20 PM



#90
Hexachloroethane
Concen: 17.74 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion: 117 Resp: 32487
Ion Ratio Lower Upper
117 100
201 101.9 46.9 140.6





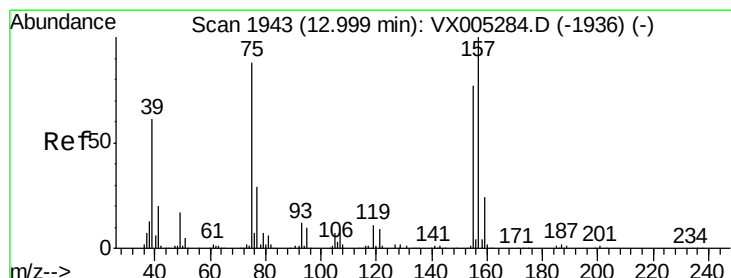
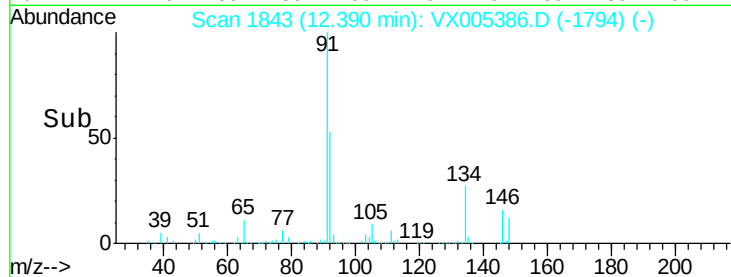
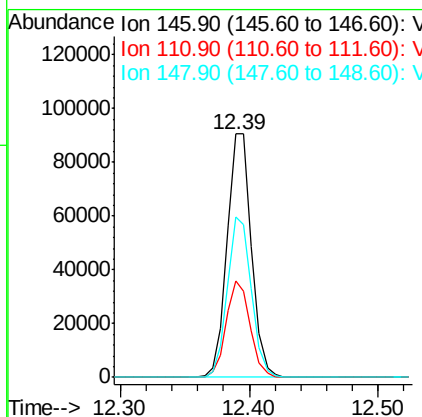
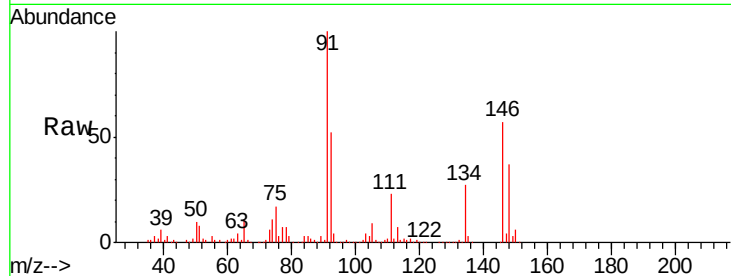
#91
 1,2-Dichlorobenzene
 Concen: 19.36 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.1
148	64.8	32.8	98.3

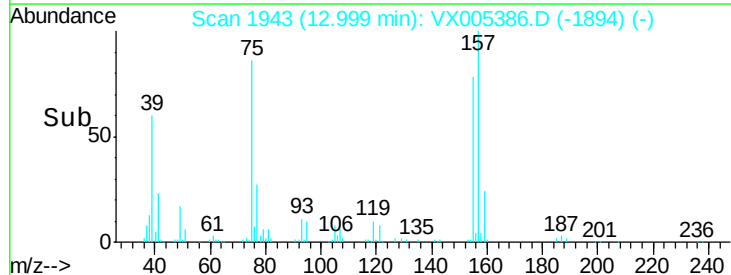
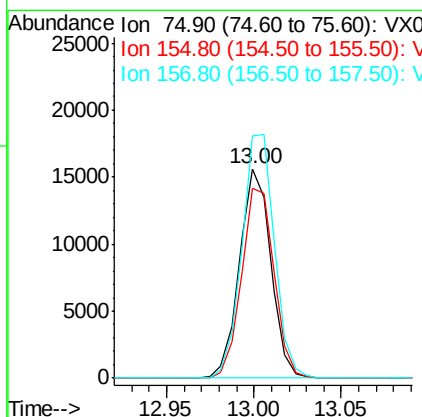
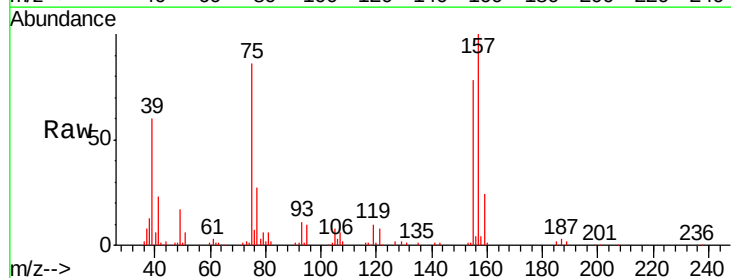
Manual Integrations
 APPROVED

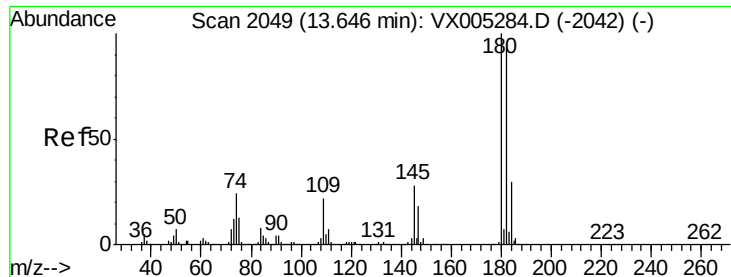
MMDadoda
 10/19/2018 12:23:20 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.49 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.7	48.0	144.2
157	121.0	61.4	184.1





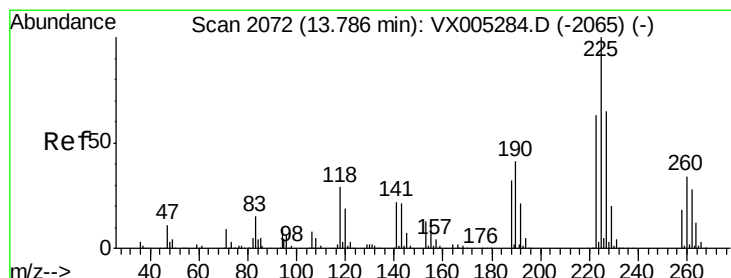
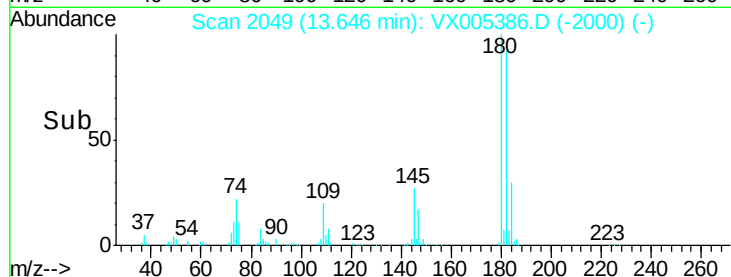
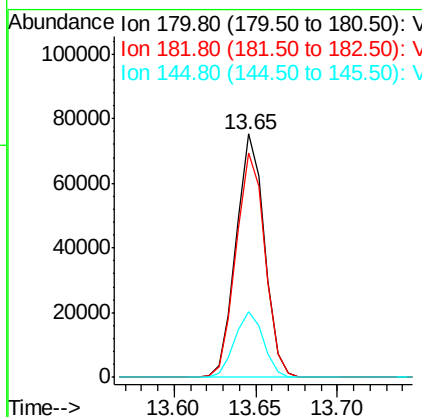
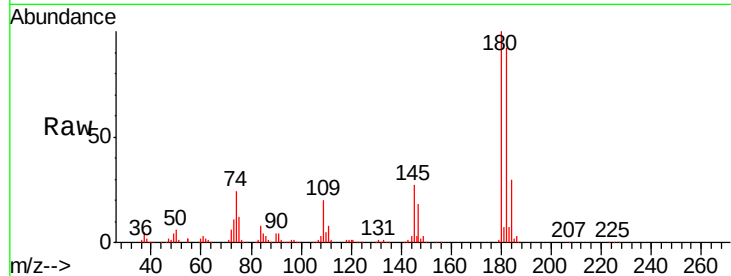
#93
 1,2,4-Trichlorobenzene
 Concen: 19.85 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	90928		
182	94.3	48.4	145.0	
145	27.4	14.3	42.9	

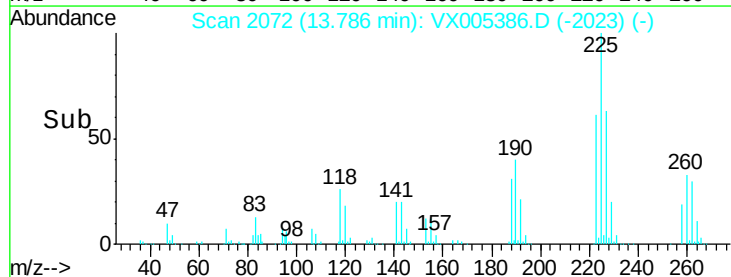
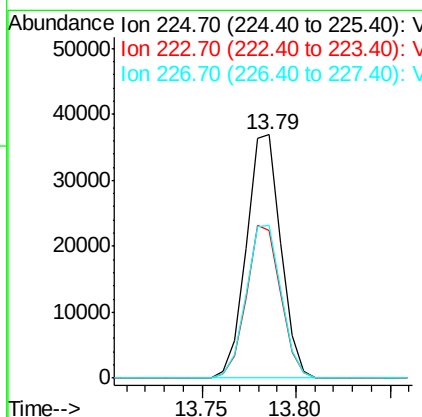
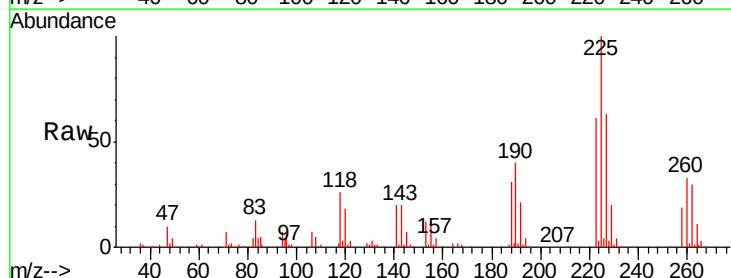
Manual Integrations
 APPROVED

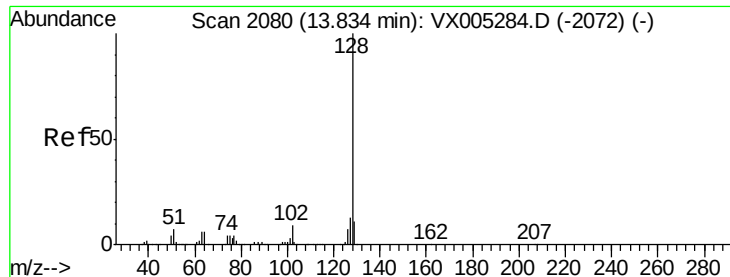
MMDadoda
 10/19/2018 12:23:20 PM



#94
 Hexachlorobutadiene
 Concen: 19.36 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005386.D
 Acq: 17 Oct 2018 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	46854		
223	62.3	30.1	90.5	
227	63.9	30.8	92.4	





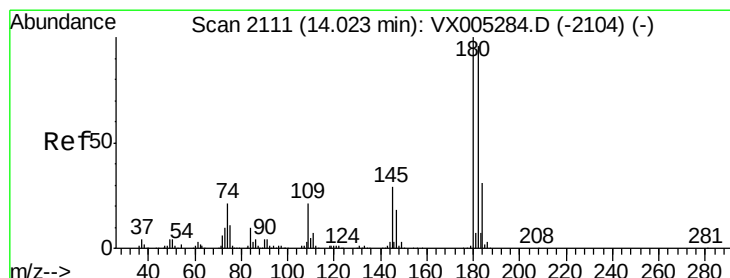
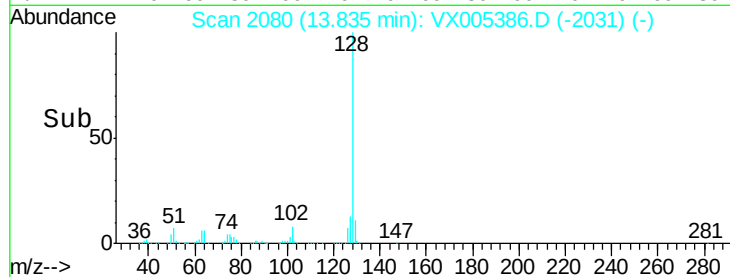
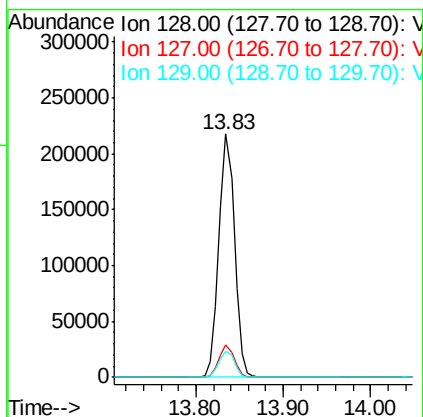
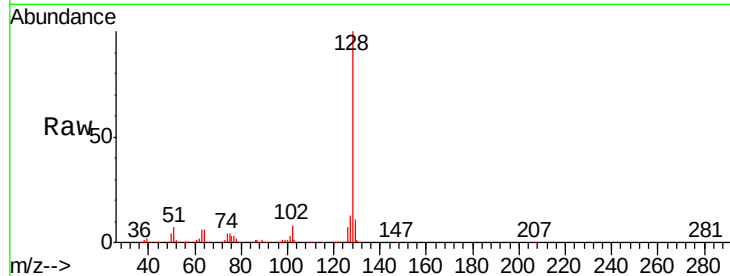
#95
Naphthalene
Concen: 20.27 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	269289		
127	13.2	10.2	15.2	
129	11.0	8.6	12.8	

Manual Integrations
APPROVED

MMDadoda
10/19/2018 12:23:20 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.96 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005386.D
Acq: 17 Oct 2018 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	93584		
182	95.7	48.5	145.6	
145	29.3	14.9	44.9	

