

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005381.D
 Acq On : 17 Oct 2018 09:31
 Operator : JC/MD
 Sample : VX1017MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 12:23:11 PM

Quant Time: Oct 17 16:58:17 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	5.67	168	259510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	369436	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194540	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	140340	48.73	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	5.50	113	116328	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
50) Toluene-d8	8.71	98	440573	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
62) 4-Bromofluorobenzene	11.14	95	161586	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	40096	19.76	ug/l	95
3) Chloromethane	1.32	50	60080	20.43	ug/l	# 88
4) Vinyl Chloride	1.40	62	54933	18.44	ug/l	99
5) Bromomethane	1.64	94	33342	20.17	ug/l	98
6) Chloroethane	1.71	64	35379	19.13	ug/l	98
7) Trichlorofluoromethane	1.93	101	78554	19.76	ug/l	88
8) Diethyl Ether	2.19	74	32607	19.21	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.38	101	45238	19.72	ug/l	94
10) Methyl Iodide	2.51	142	49852	21.32	ug/l	99
11) Tert butyl alcohol	3.07	59	84453	103.95	ug/l	100
12) 1,1-Dichloroethene	2.37	96	43672	19.21	ug/l	97
13) Acrolein	2.29	56	33697	63.38	ug/l	96
14) Allyl chloride	2.73	41	95567	19.15	ug/l	97
15) Acrylonitrile	3.15	53	177752	96.55	ug/l	97
16) Acetone	2.45	43	168584	101.23	ug/l	98
17) Carbon Disulfide	2.57	76	121095	17.59	ug/l	99
18) Methyl Acetate	2.78	43	96714	20.41	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	162774	20.33	ug/l	96
20) Methylene Chloride	2.85	84	51663	20.52	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	47826	18.99	ug/l	98
22) Diisopropyl ether	3.87	45	156678	18.69	ug/l	92
23) Vinyl Acetate	3.82	43	685249	93.54	ug/l	96
24) 1,1-Dichloroethane	3.70	63	94475	19.67	ug/l	98
25) 2-Butanone	4.70	43	232931	95.60	ug/l	95
26) 2,2-Dichloropropane	4.59	77	70285	19.56	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	50905	18.60	ug/l	95
28) Bromochloromethane	5.01	49	43018	19.64	ug/l	96
29) Tetrahydrofuran	5.15	42	146667	94.37	ug/l	93
30) Chloroform	5.21	83	87777	19.69	ug/l	98
31) Cyclohexane	5.57	56	71844	18.15	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	75203	19.38	ug/l	99
36) 1,1-Dichloropropene	5.80	75	62334	17.42	ug/l	99
37) Ethyl Acetate	4.86	43	86381	18.77	ug/l	97
38) Carbon Tetrachloride	5.78	117	65847	18.32	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	71503	18.46	ug/l	94
40) Benzene	6.14	78	192211	17.91	ug/l	99
41) Methacrylonitrile	5.06	41	44300	17.96	ug/l	97
42) 1,2-Dichloroethane	6.20	62	69626	18.37	ug/l	97
43) Isopropyl Acetate	6.46	43	118723	19.37	ug/l	98
44) Trichloroethene	7.21	130	53755	19.23	ug/l	98
45) 1,2-Dichloropropane	7.52	63	51521	19.57	ug/l	98
46) Dibromomethane	7.66	93	33437	19.24	ug/l	98
47) Bromodichloromethane	7.90	83	64074	19.93	ug/l	99
48) Methyl methacrylate	7.77	41	60925	19.16	ug/l	96
49) 1,4-Dioxane	7.75	88	29901	407.79	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	432271	101.85	ug/l	95
52) Toluene	8.79	92	121634	20.71	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	69283	19.92	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	76980	20.42	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	51270	20.61	ug/l	96
56) Ethyl methacrylate	9.18	69	74394	20.52	ug/l	98
57) 1,3-Dichloropropane	9.37	76	84485	20.35	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	211782	104.15	ug/l	95
59) 2-Hexanone	9.49	43	346206	101.41	ug/l	93
60) Dibromochloromethane	9.59	129	52255	20.33	ug/l	100
61) 1,2-Dibromoethane	9.67	107	52747	20.21	ug/l	99
64) Tetrachloroethene	9.34	164	56598	20.55	ug/l	98
65) Chlorobenzene	10.14	112	138738	19.07	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	50770	19.58	ug/l	99
67) Ethyl Benzene	10.25	91	227615	19.24	ug/l	98
68) m/p-Xylenes	10.36	106	180943	39.41	ug/l	96
69) o-Xylene	10.70	106	85893	19.40	ug/l	97
70) Styrene	10.71	104	144574	19.85	ug/l	98
71) Bromoform	10.86	173	42749	18.45	ug/l #	99
73) Isopropylbenzene	11.02	105	234577	20.28	ug/l	100
74) N-amyl acetate	10.90	43	105003	18.82	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	83002	19.03	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	87734m	23.25	ug/l	
77) Bromobenzene	11.26	156	64322	19.45	ug/l	99
78) n-propylbenzene	11.36	91	268915	20.21	ug/l	100
79) 2-Chlorotoluene	11.42	91	162037	19.88	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	199903	20.19	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	22996	18.52	ug/l	99
82) 4-Chlorotoluene	11.51	91	190898	19.76	ug/l	99
83) tert-Butylbenzene	11.77	119	199385	19.88	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	207545	20.36	ug/l	98
85) sec-Butylbenzene	11.94	105	241349	20.34	ug/l	99
86) p-Isopropyltoluene	12.07	119	216709	20.20	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	121391	19.65	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	121922	19.29	ug/l	98
89) n-Butylbenzene	12.39	91	186899	19.19	ug/l	97
90) Hexachloroethane	12.60	117	33721	18.24	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	122116	19.37	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19915	18.71	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	90822	19.63	ug/l	99
94) Hexachlorobutadiene	13.78	225	48344	19.79	ug/l	98
95) Naphthalene	13.83	128	267851	19.96	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	94697	20.01	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tgt Ion: 168 Resp: 259510

Ion Ratio Lower Upper

168 100

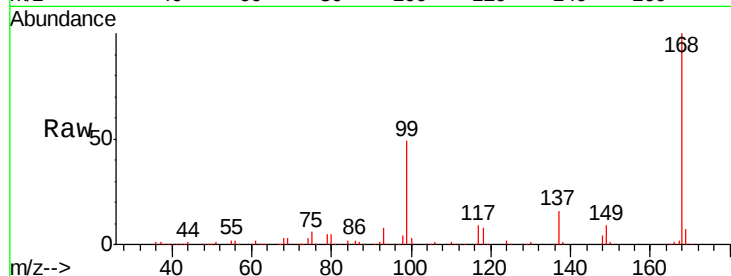
99 49.2 39.9 59.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

40000

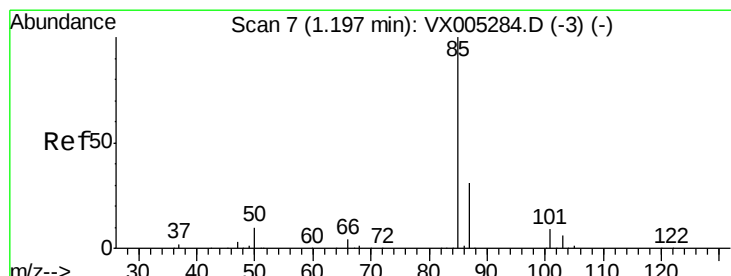
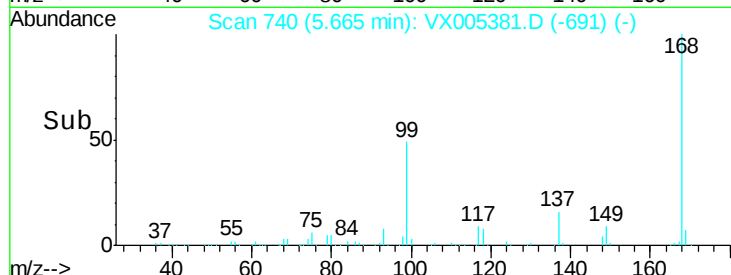
20000

0

5.67

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.76 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005381.D

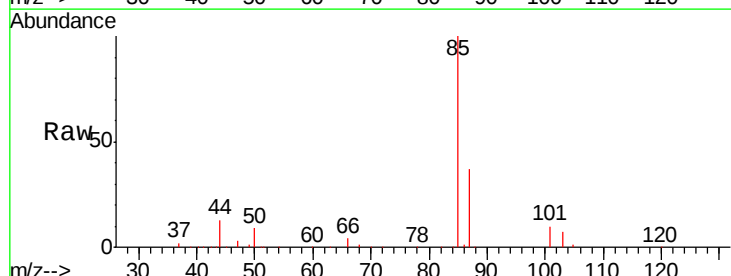
Acq: 17 Oct 2018 09:31

Tgt Ion: 85 Resp: 40096

Ion Ratio Lower Upper

85 100

87 36.9 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

50000

40000

30000

20000

10000

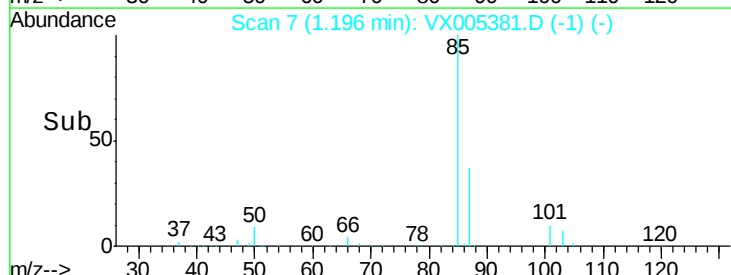
0

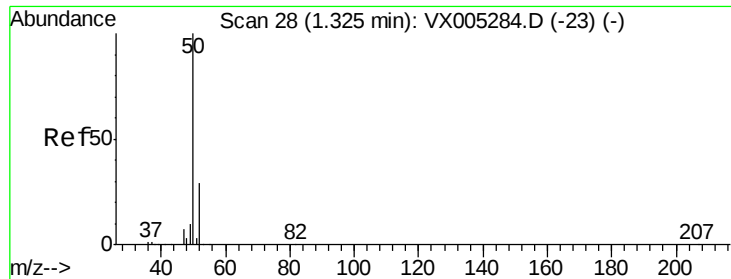
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 20.43 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tgt Ion: 50 Resp: 60080

Ion Ratio Lower Upper

50 100

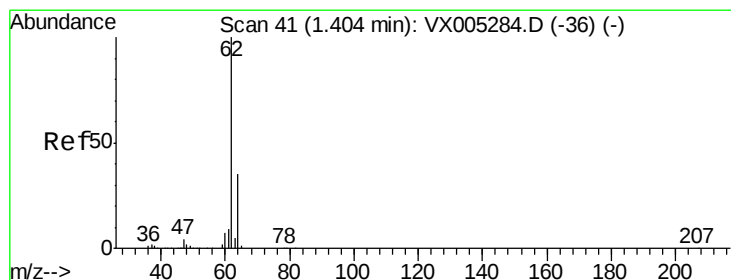
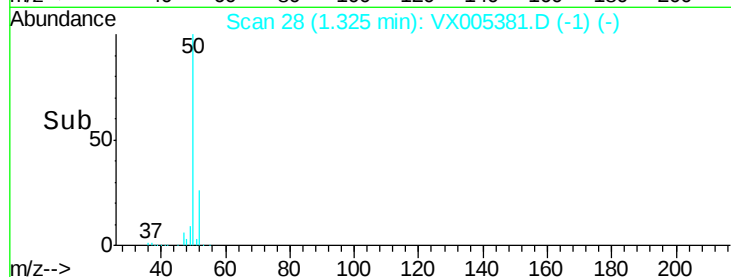
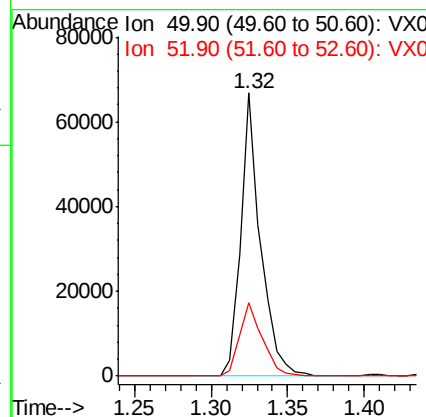
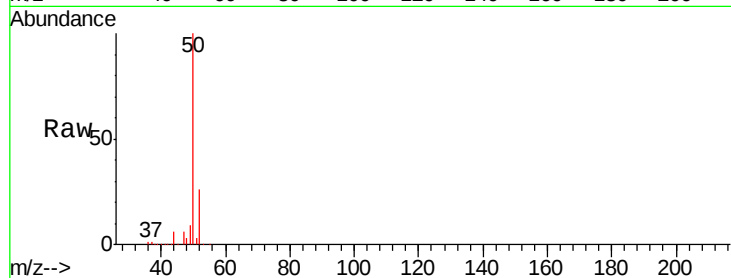
52 25.8 26.2 39.2#

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.44 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005381.D

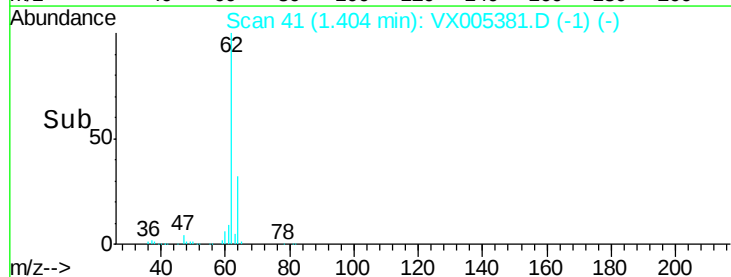
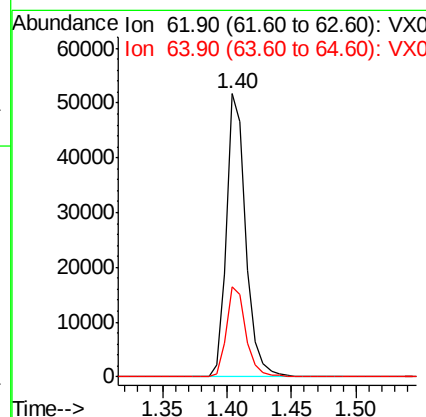
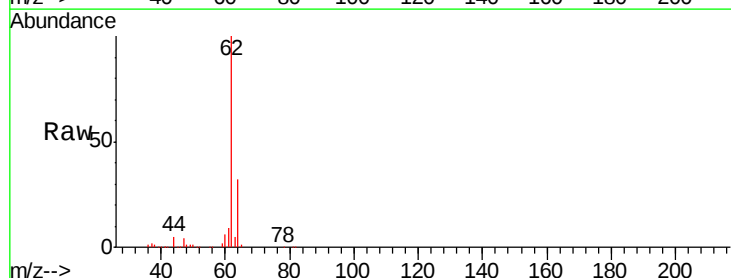
Acq: 17 Oct 2018 09:31

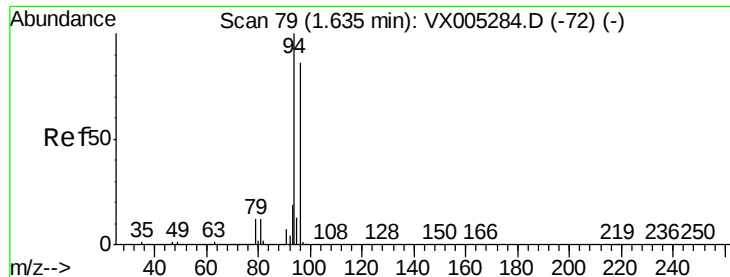
Tgt Ion: 62 Resp: 54933

Ion Ratio Lower Upper

62 100

64 31.8 25.8 38.8





#5

Bromomethane

Concen: 20.17 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tgt Ion: 94 Resp: 33342

Ion Ratio Lower Upper

94 100

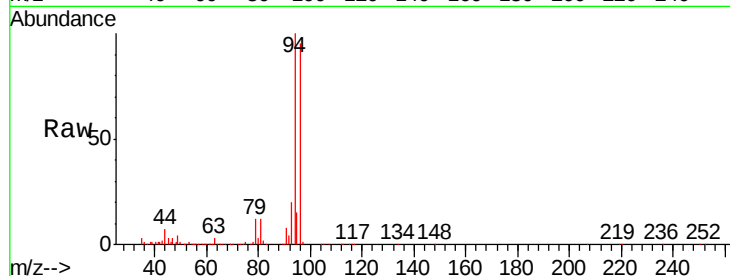
96 95.0 74.5 111.7

Manual Integrations

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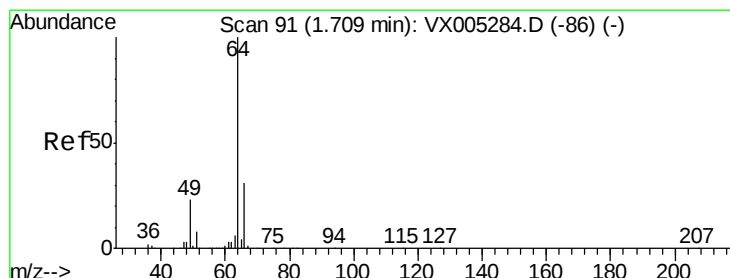
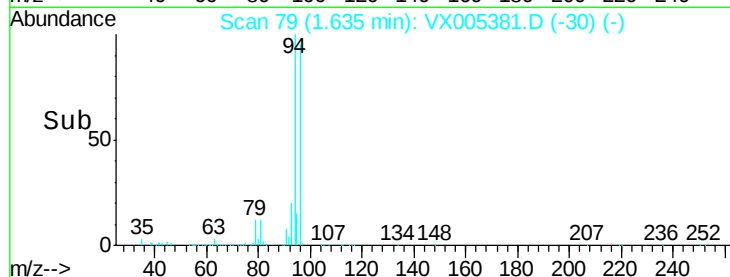
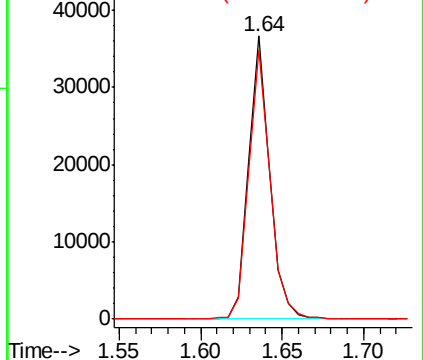
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.13 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005381.D

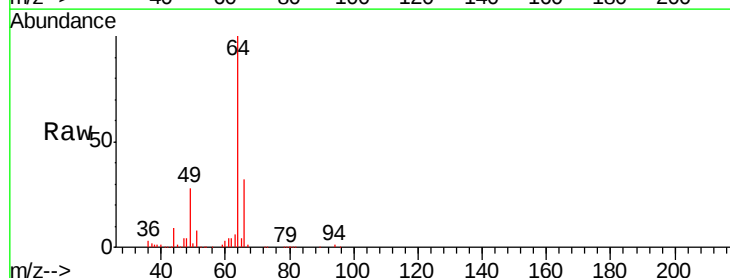
Acq: 17 Oct 2018 09:31

Tgt Ion: 64 Resp: 35379

Ion Ratio Lower Upper

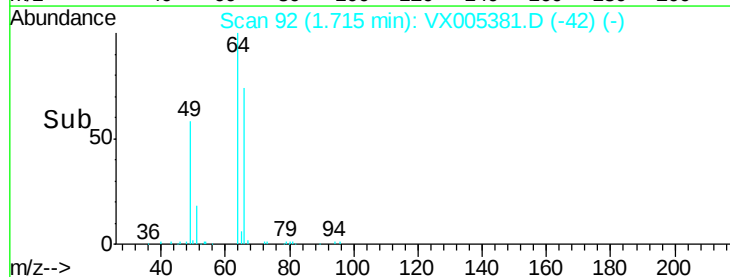
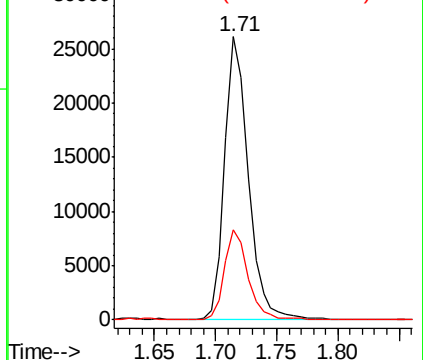
64 100

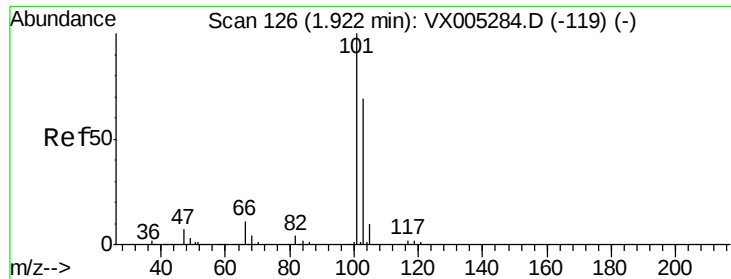
66 31.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 19.76 ug/l

RT: 1.93 min Scan# 127

Delta R.T. 0.01 min

Lab File: VX005381.D

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VX1017MBS01

Tgt Ion:101 Resp: 78554

Ion Ratio Lower Upper

101 100

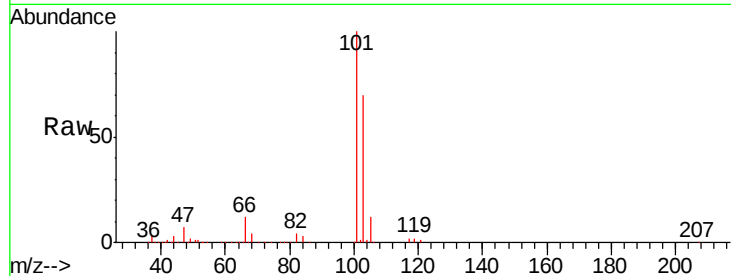
103 70.0 48.9 73.3

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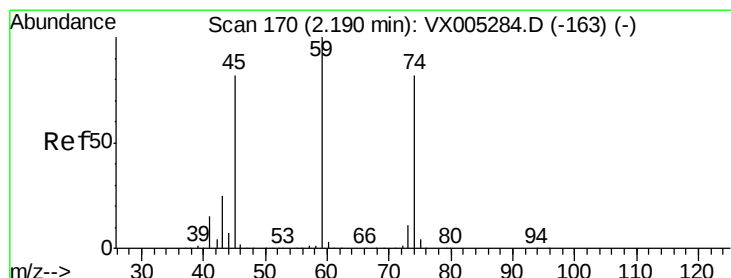
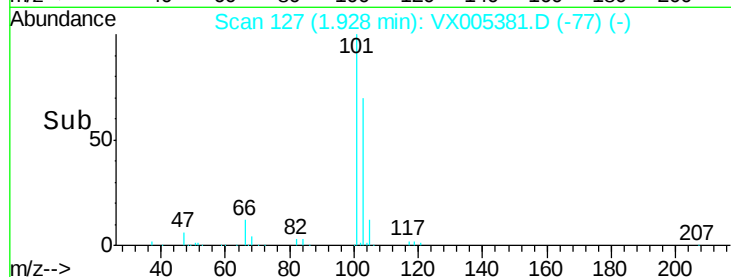
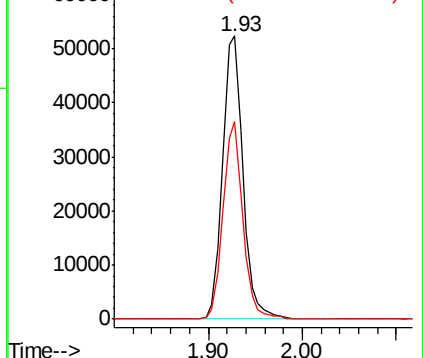
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.21 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX005381.D

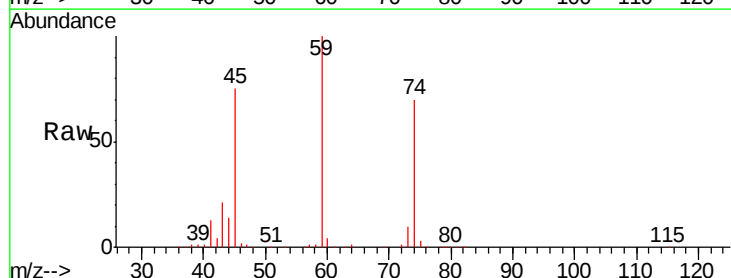
Acq: 17 Oct 2018 09:31

Tgt Ion: 74 Resp: 32607

Ion Ratio Lower Upper

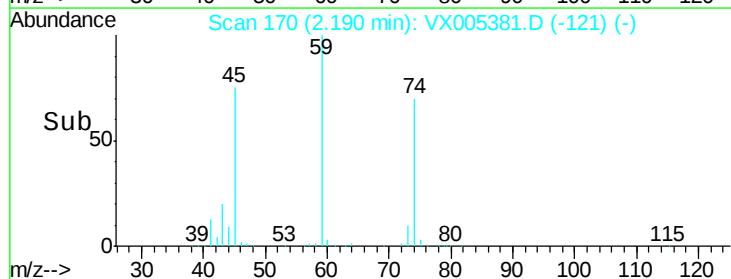
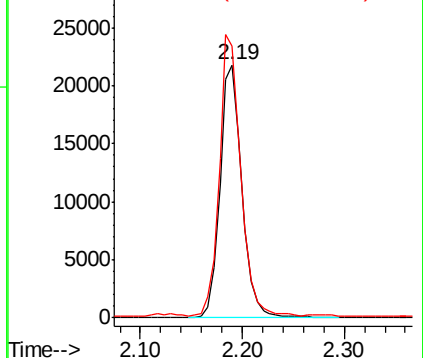
74 100

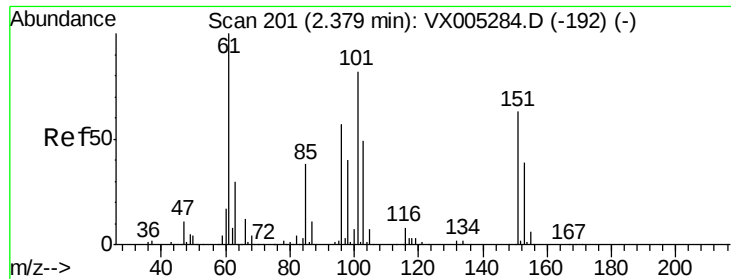
45 108.9 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.72 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA_X

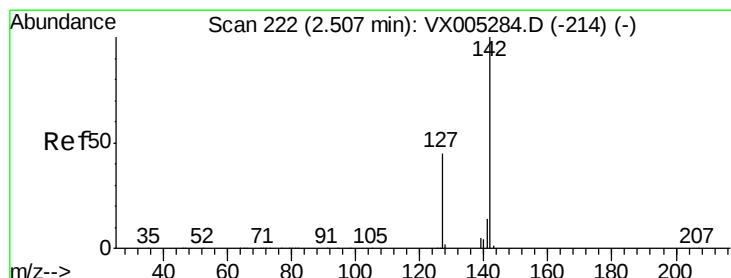
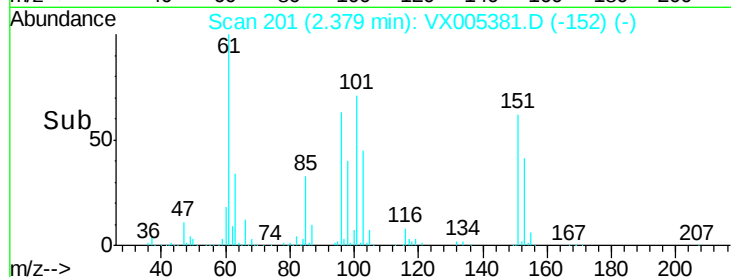
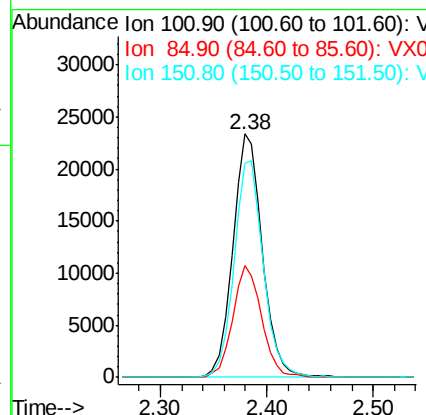
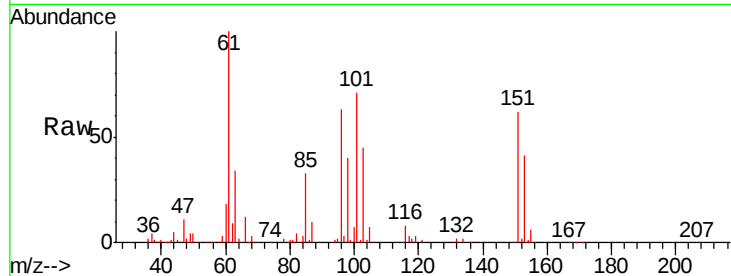
ClientSampleId :

VX1017MBS01

Tgt Ion:	101	Resp:	45238
Ion Ratio	Lower	Upper	
101	100		
85	44.9	34.2	51.4
151	88.5	65.0	97.6

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#10

Methyl Iodide

Concen: 21.32 ug/l

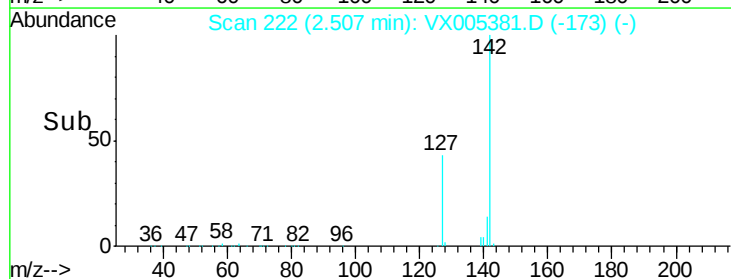
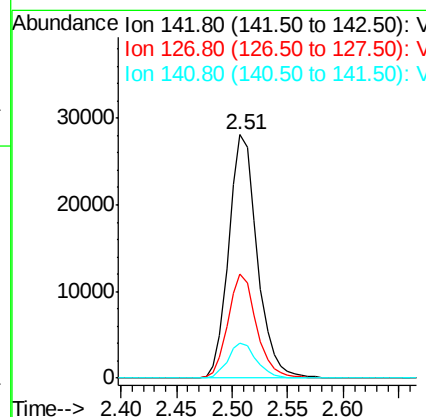
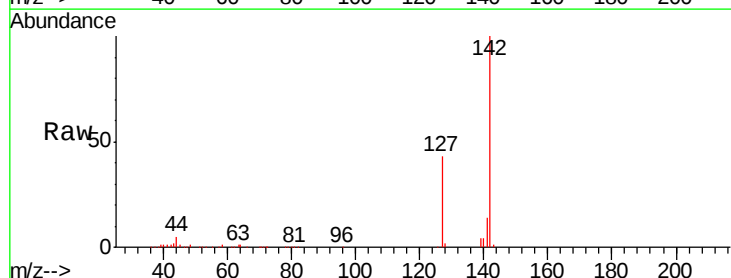
RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Tgt Ion:	142	Resp:	49852
Ion Ratio	Lower	Upper	
142	100		
127	42.9	33.8	50.6
141	14.4	11.4	17.0





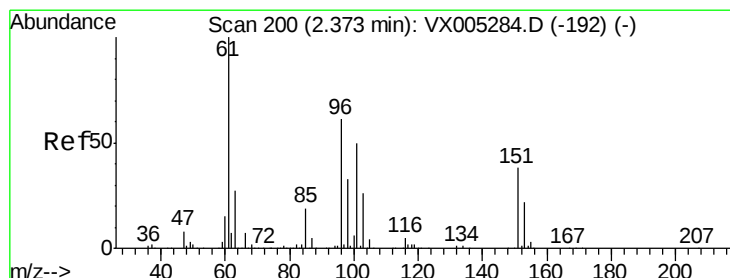
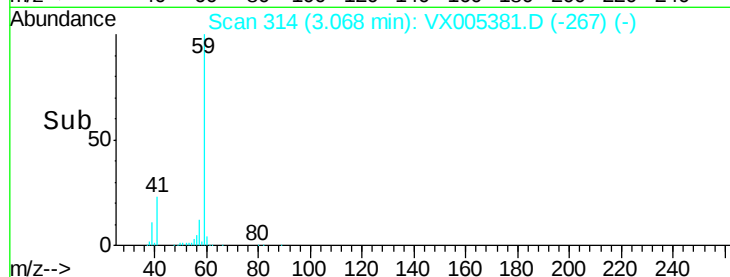
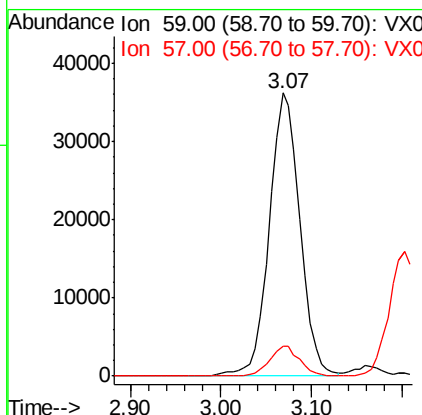
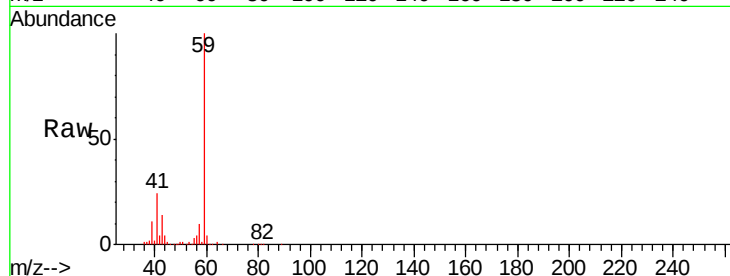
#11
Tert butyl alcohol
Concen: 103.95 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tgt Ion: 59 Resp: 84453
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

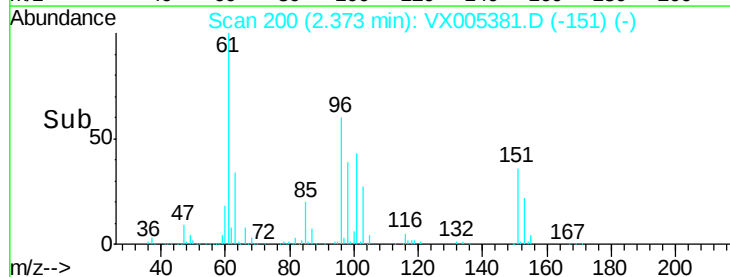
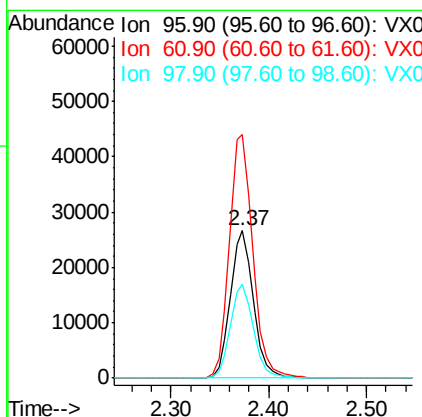
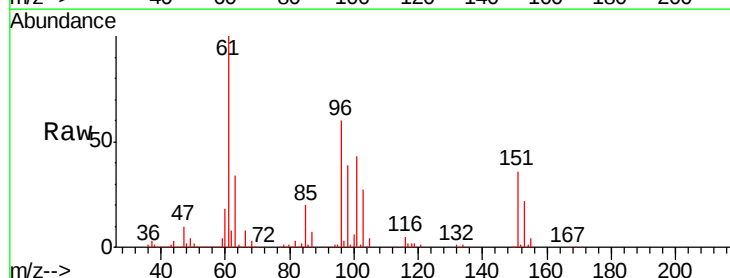
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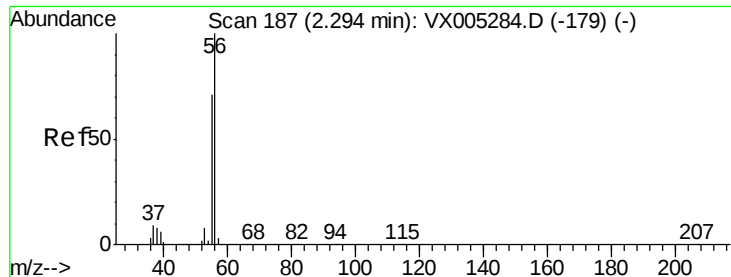
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.21 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Tgt Ion: 96 Resp: 43672
Ion Ratio Lower Upper
96 100
61 165.3 128.8 193.2
98 63.9 52.2 78.2





#13

Acrolein

Concen: 63.38 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tgt Ion: 56 Resp: 33697

Ion Ratio Lower Upper

56 100

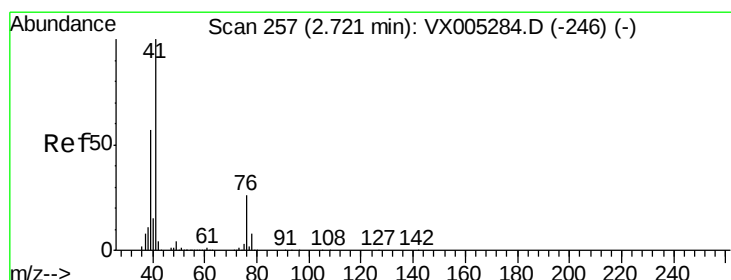
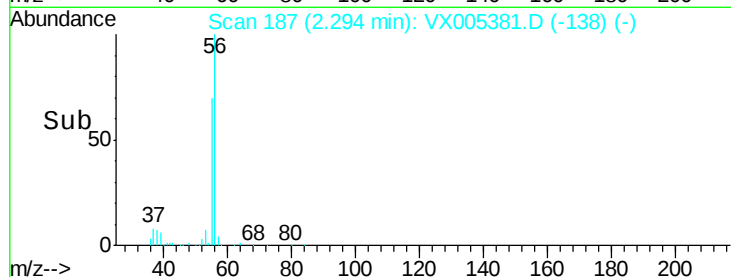
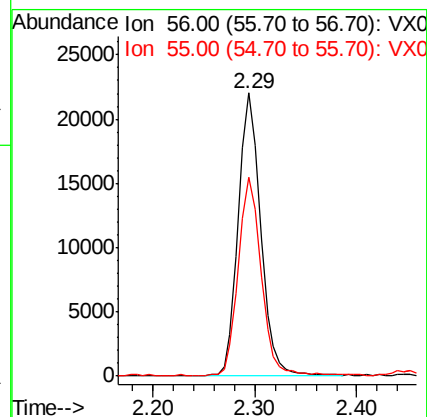
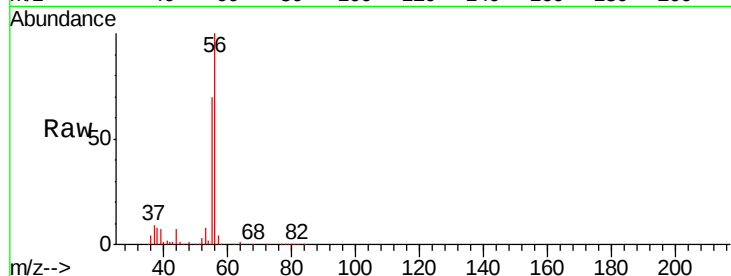
55 71.9 54.7 82.1

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#14

Allyl chloride

Concen: 19.15 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

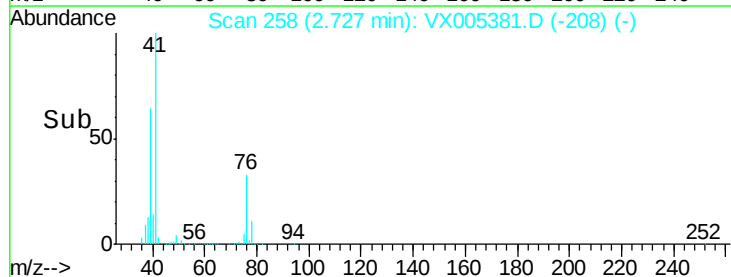
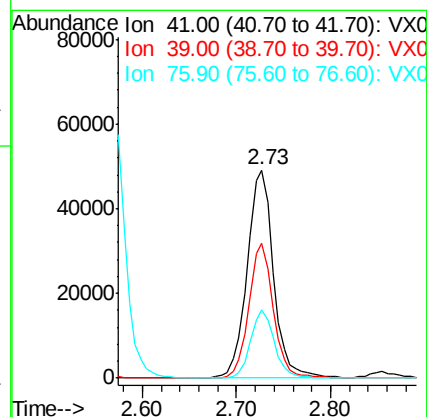
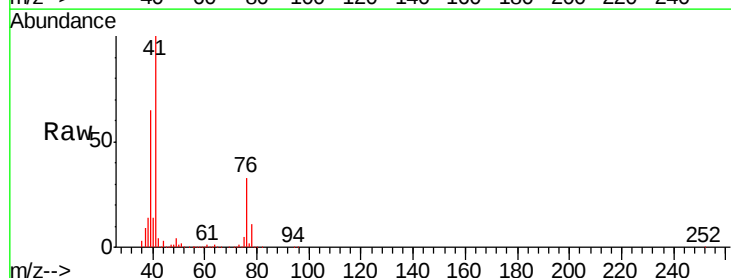
Tgt Ion: 41 Resp: 95567

Ion Ratio Lower Upper

41 100

39 60.1 48.9 73.3

76 29.9 26.7 40.1





#15

Acrylonitrile

Concen: 96.55 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA_X

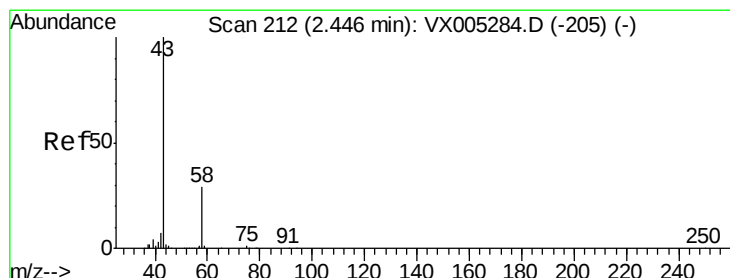
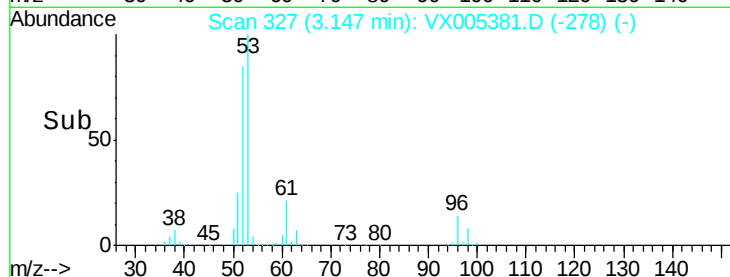
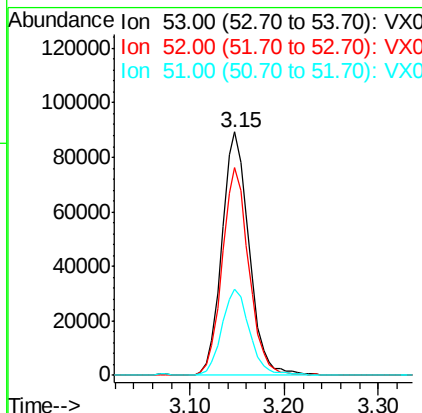
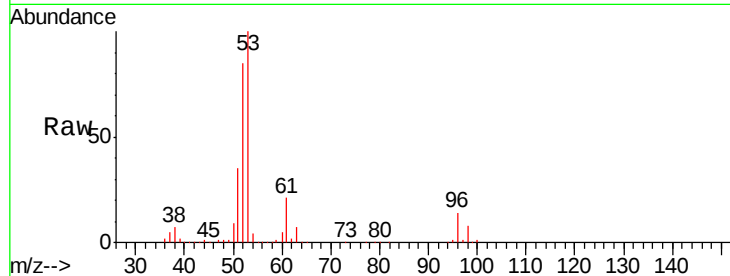
ClientSampleId :

VX1017MBS01

Tgt Ion:	53	Resp:	177752
Ion	Ratio	Lower	Upper
53	100		
52	83.9	65.2	97.8
51	36.5	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 101.23 ug/l

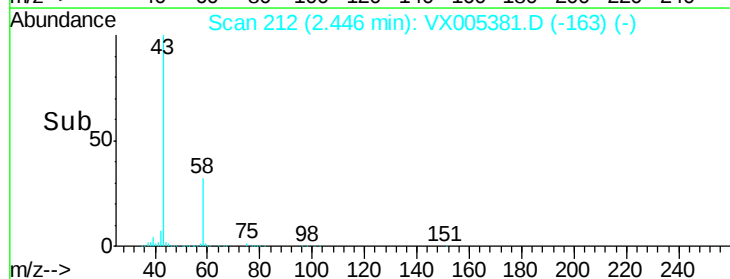
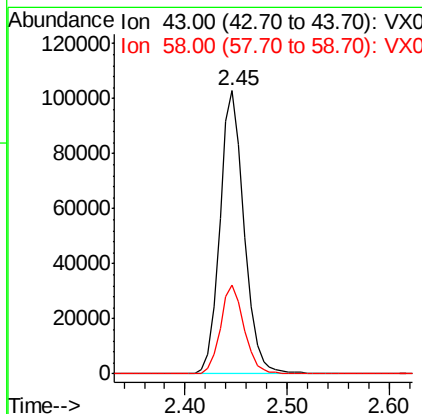
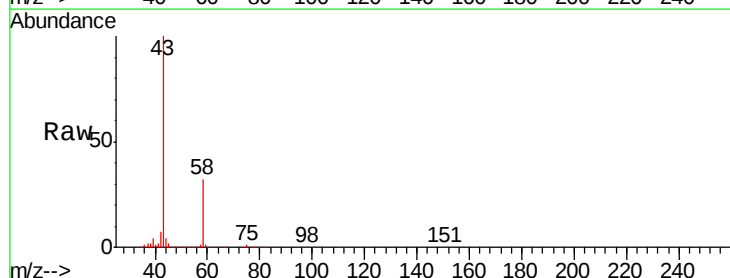
RT: 2.45 min Scan# 212

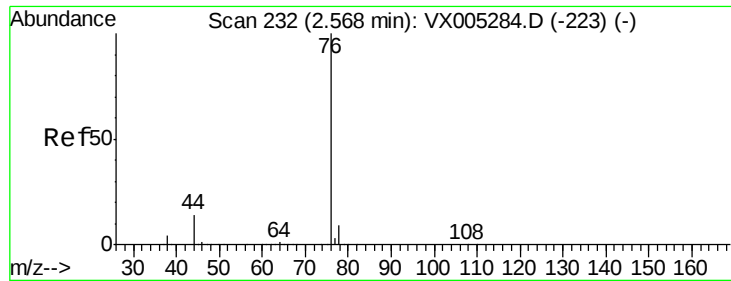
Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Tgt Ion:	43	Resp:	168584
Ion	Ratio	Lower	Upper
43	100		
58	31.6	26.2	39.4





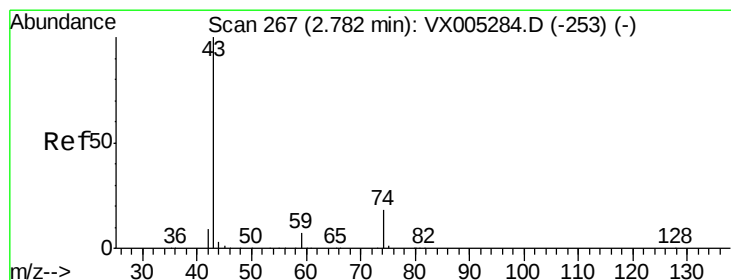
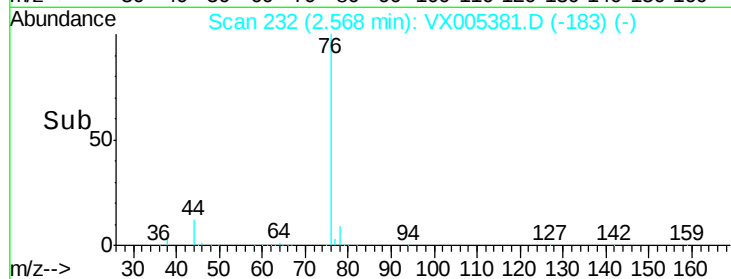
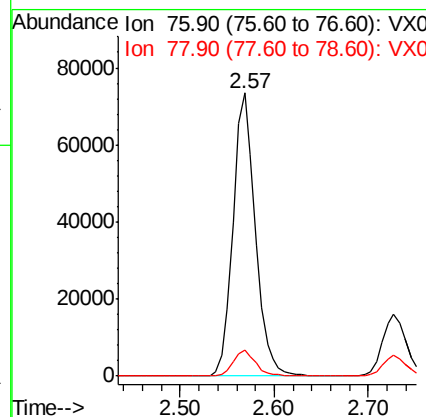
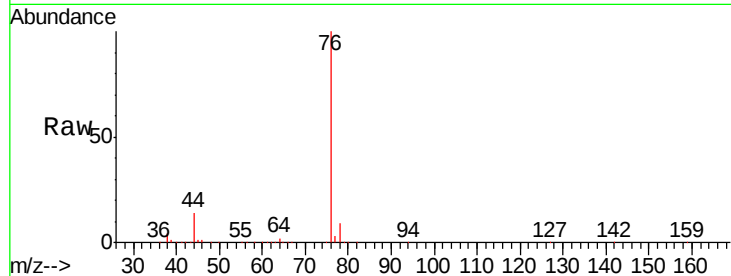
#17
Carbon Disulfide
Concen: 17.59 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.6

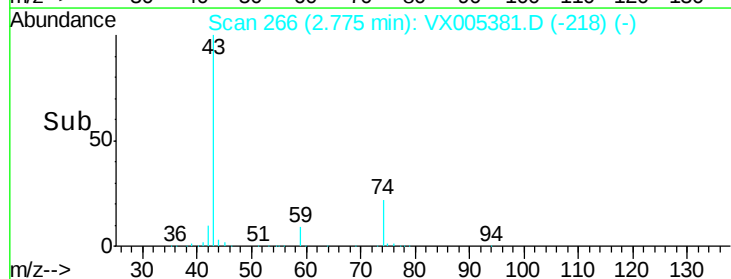
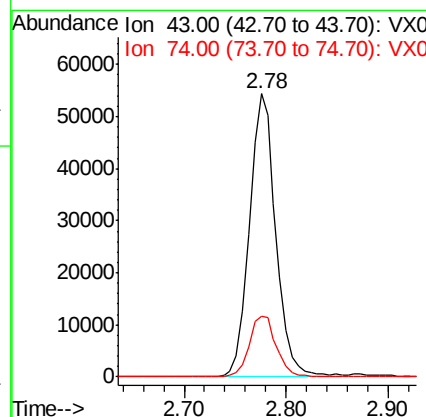
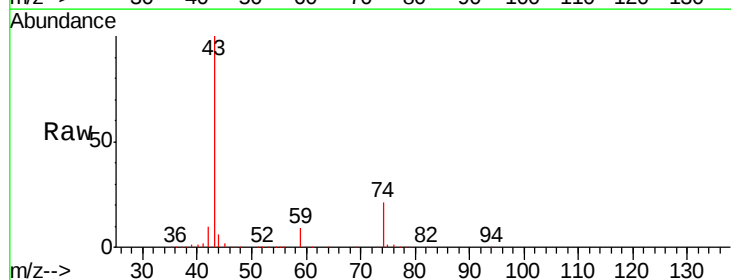
Manual Integrations
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#18
Methyl Acetate
Concen: 20.41 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	19.4	29.2





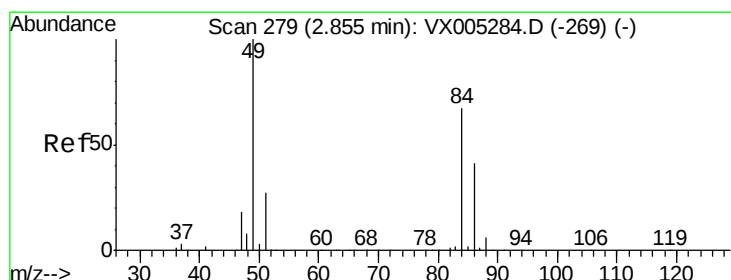
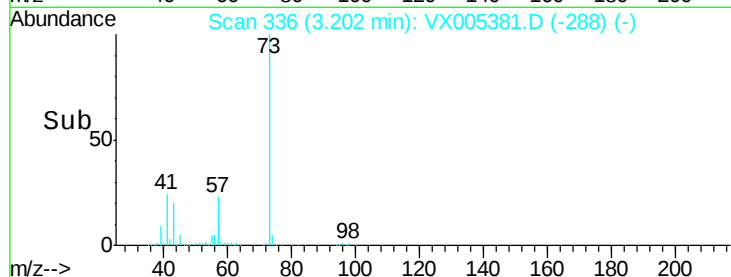
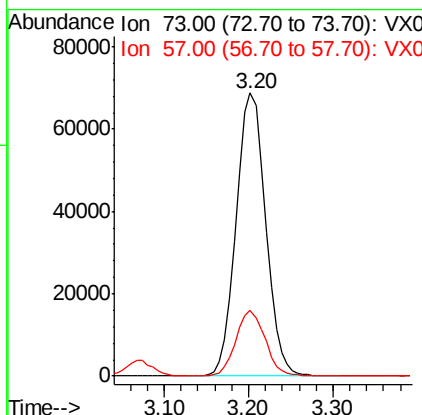
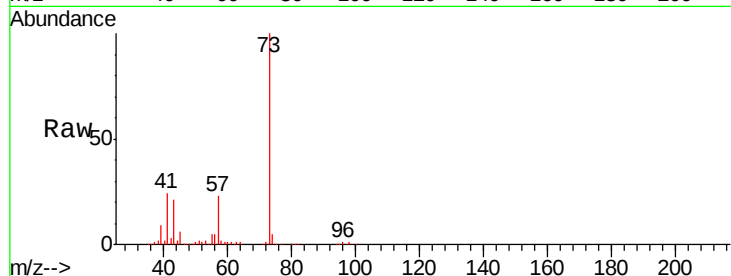
#19
Methyl tert-butyl Ether
Concen: 20.33 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tgt Ion: 73 Resp: 162774
Ion Ratio Lower Upper
73 100
57 23.1 17.1 25.7

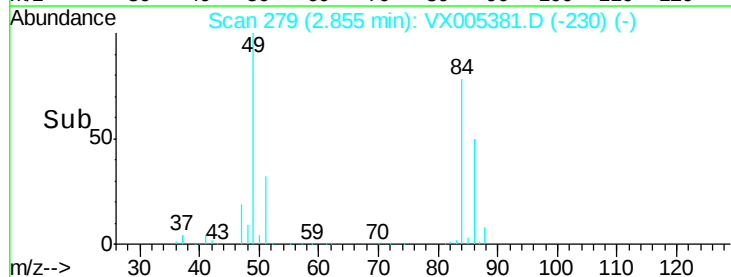
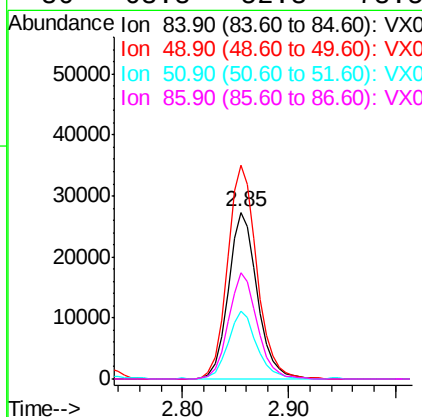
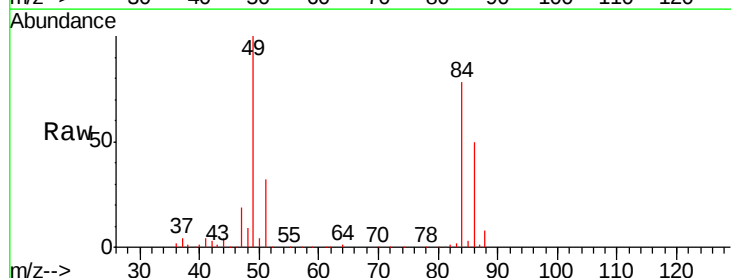
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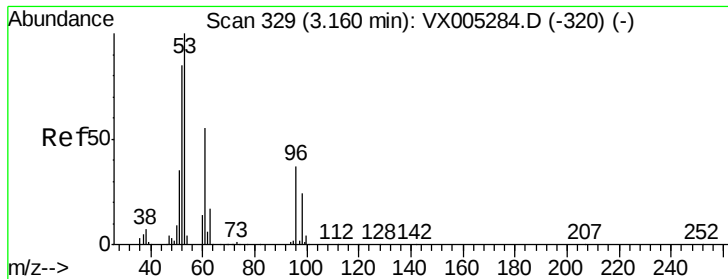
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#20
Methylene Chloride
Concen: 20.52 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Tgt Ion: 84 Resp: 51663
Ion Ratio Lower Upper
84 100
49 127.9 101.2 151.8
51 40.2 29.5 44.3
86 63.8 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.99 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tgt Ion: 96 Resp: 47826

Ion Ratio Lower Upper

96 100

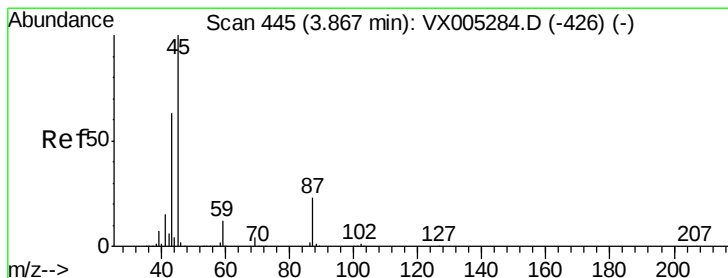
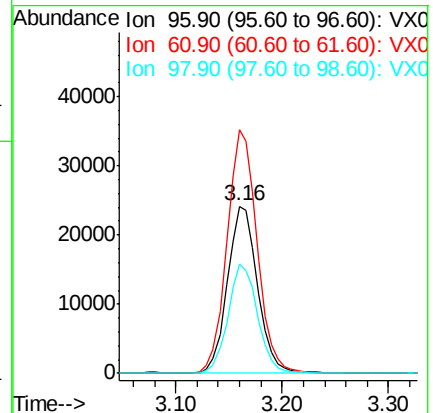
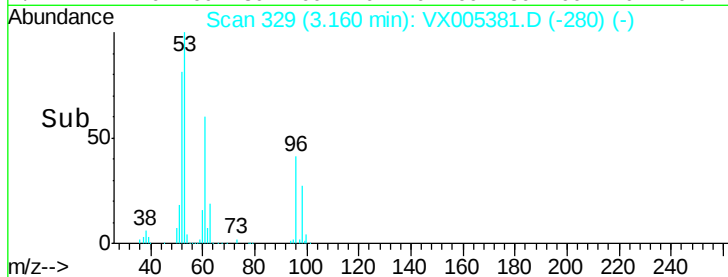
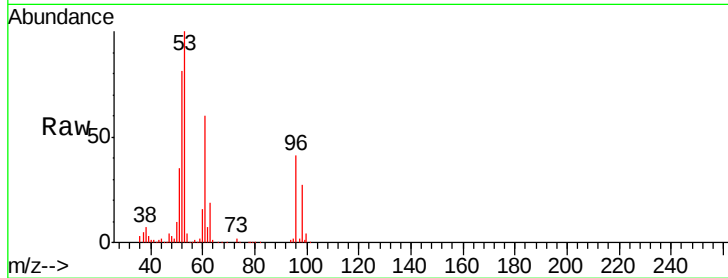
61 145.2 113.8 170.6

98 65.6 51.8 77.8

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#22

Diisopropyl ether

Concen: 18.69 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Tgt Ion: 45 Resp: 156678

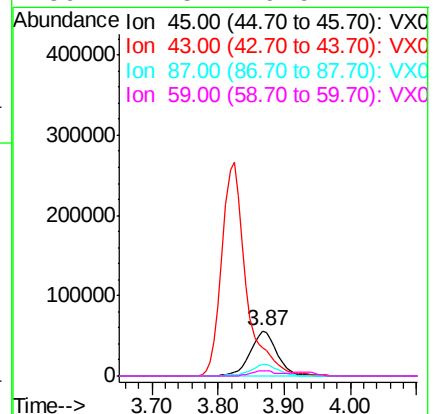
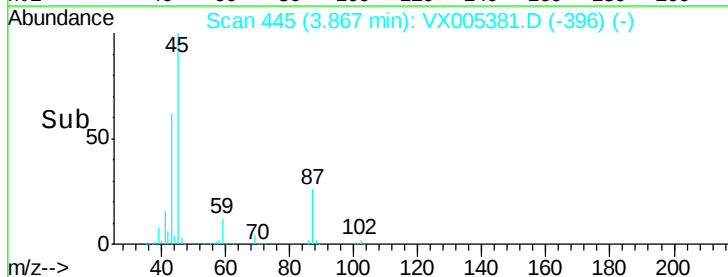
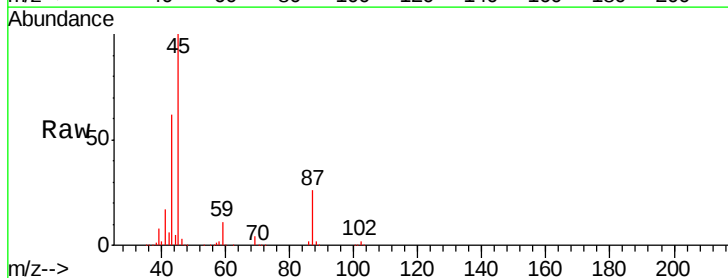
Ion Ratio Lower Upper

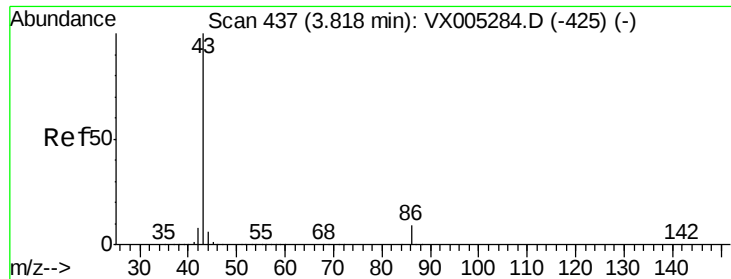
45 100

43 61.7 42.8 64.2

87 26.0 22.6 34.0

59 11.5 9.6 14.4





#23

Vinyl Acetate

Concen: 93.54 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tgt Ion: 43 Resp: 685249

Ion Ratio Lower Upper

43 100

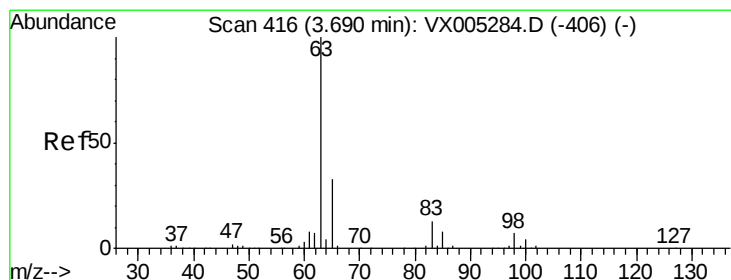
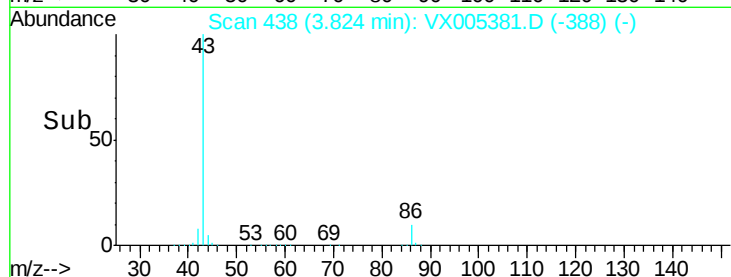
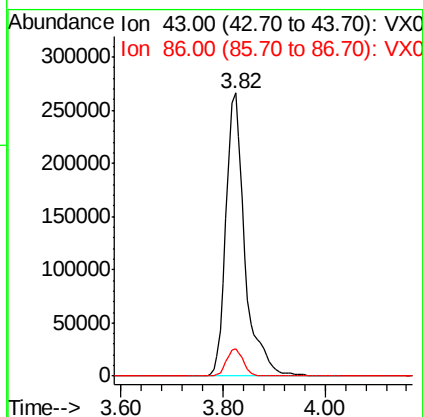
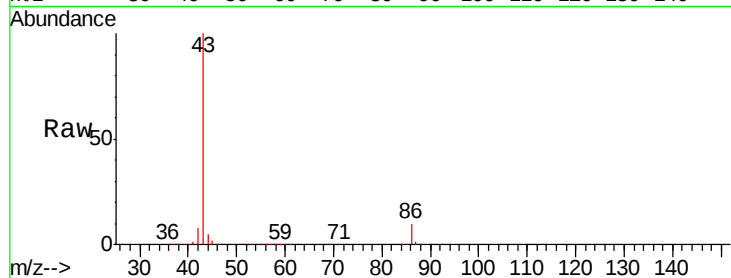
86 9.7 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 19.67 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

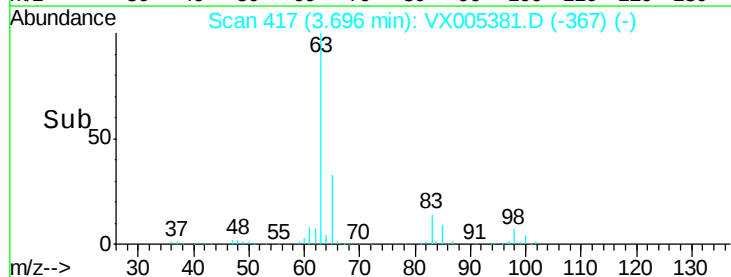
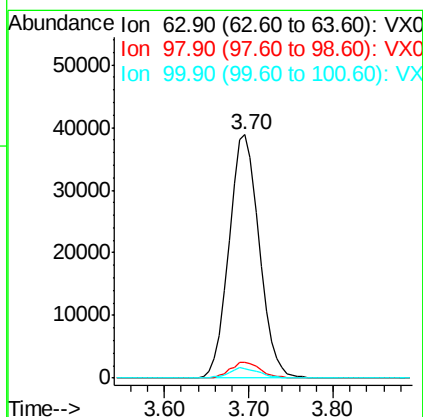
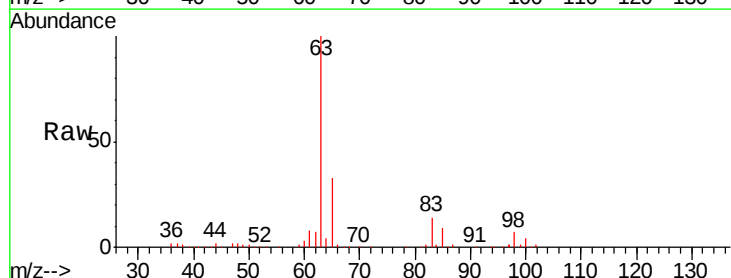
Tgt Ion: 63 Resp: 94475

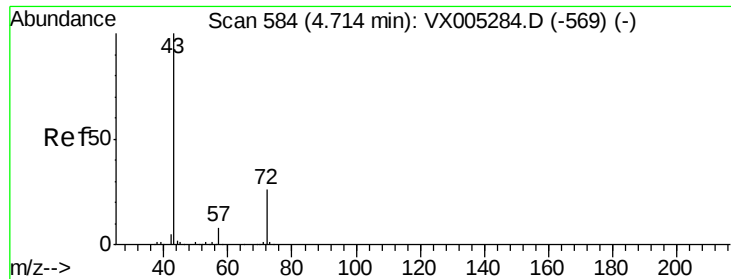
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

100 3.6 2.4 7.1





#25

2-Butanone

Concen: 95.60 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.02 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tgt Ion: 43 Resp: 232931

Ion Ratio Lower Upper

43 100

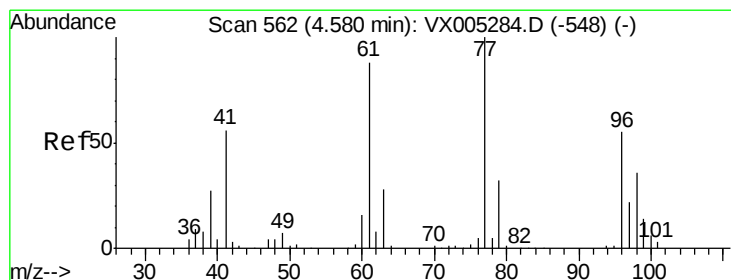
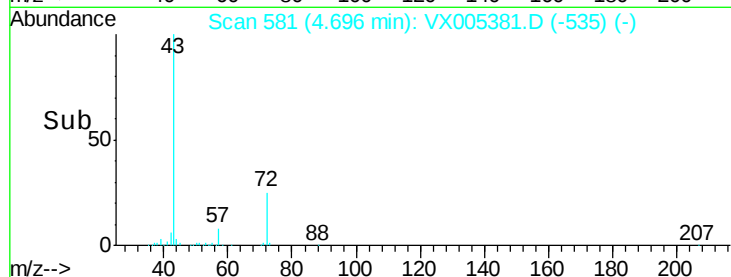
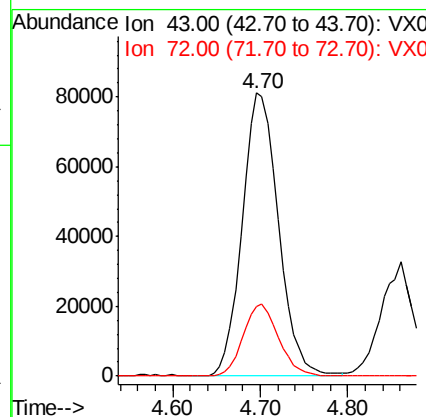
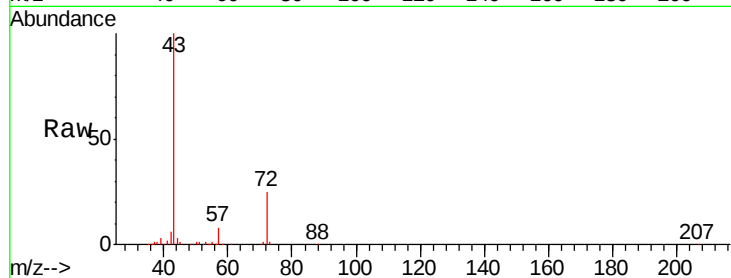
72 24.7 22.0 33.0

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#26

2,2-Dichloropropane

Concen: 19.56 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005381.D

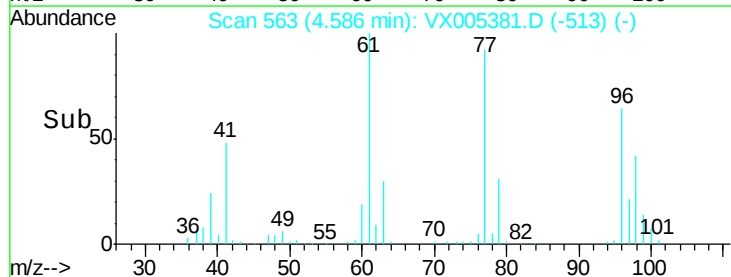
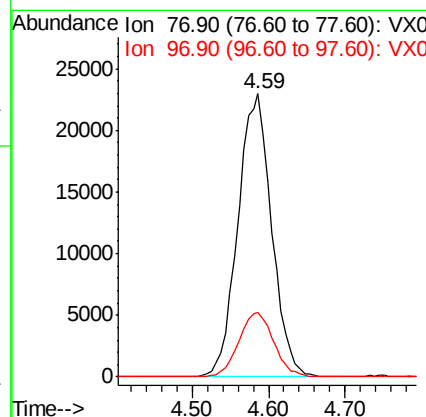
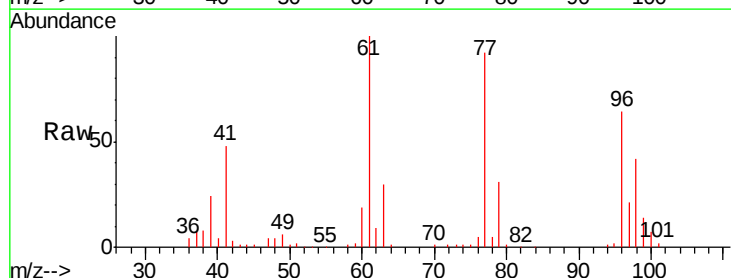
Acq: 17 Oct 2018 09:31

Tgt Ion: 77 Resp: 70285

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0





#27

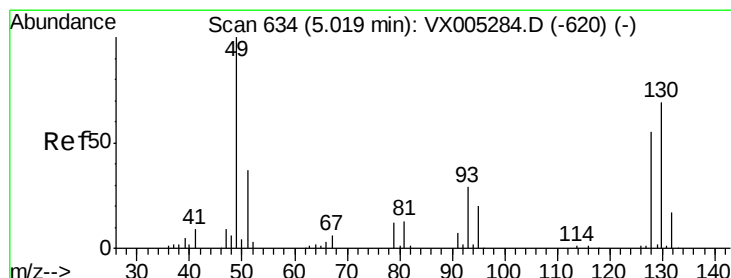
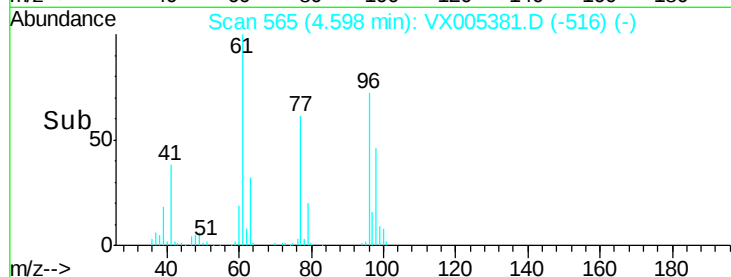
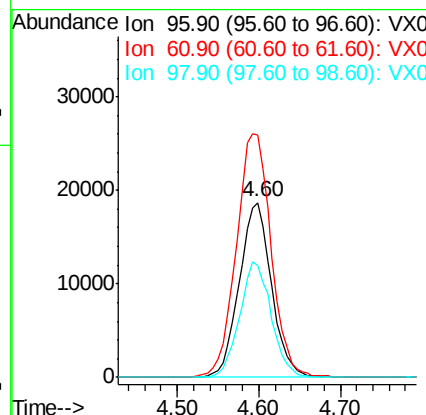
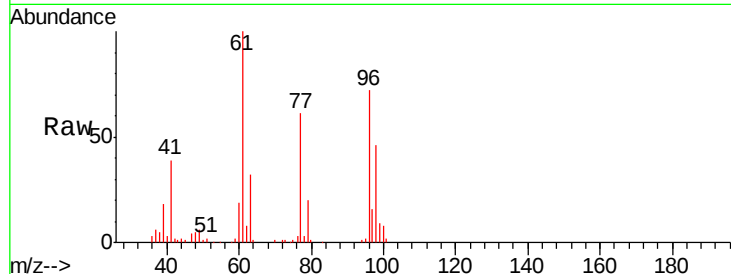
cis-1,2-Dichloroethene
Concen: 18.60 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	50905		
61	150.9	0.0	282.6	
98	65.0	0.0	130.2	

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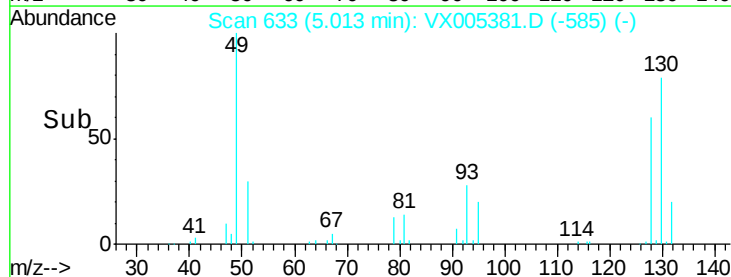
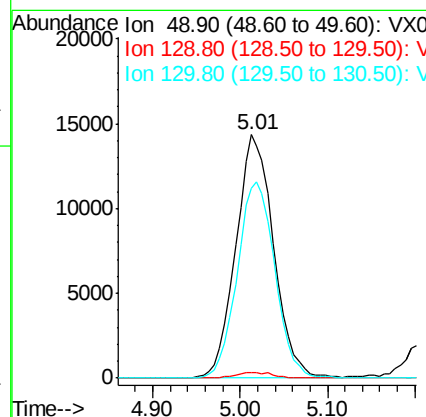
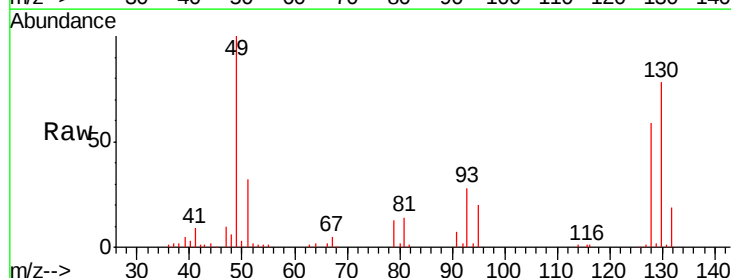
MMDadoda
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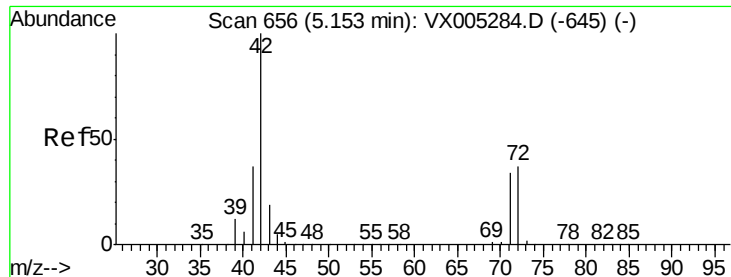


#28

Bromochloromethane
Concen: 19.64 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	43018		
129	2.2	0.0	4.2	
130	80.4	67.5	101.3	





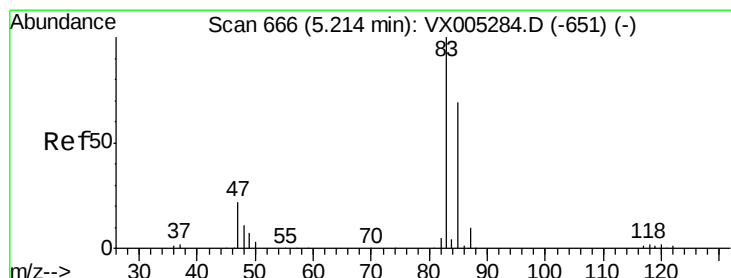
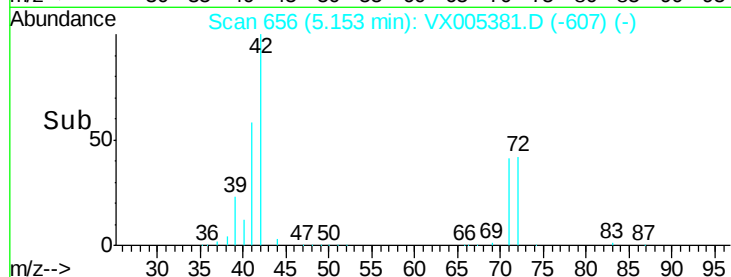
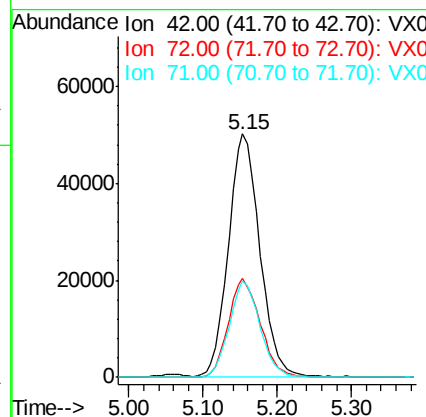
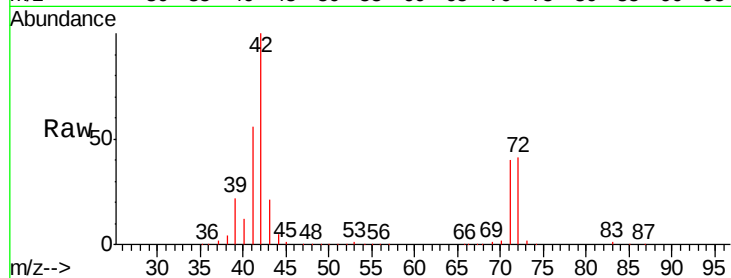
#29
Tetrahydrofuran
Concen: 94.37 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.8	37.4	56.0
71	39.2	34.5	51.7

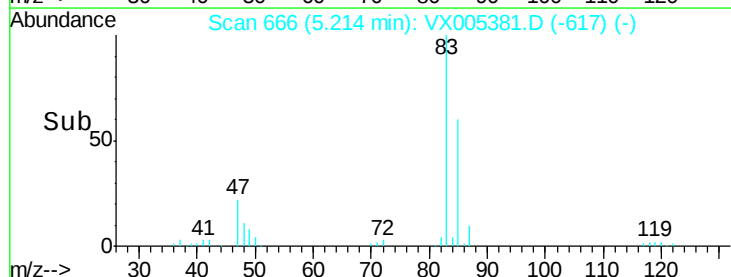
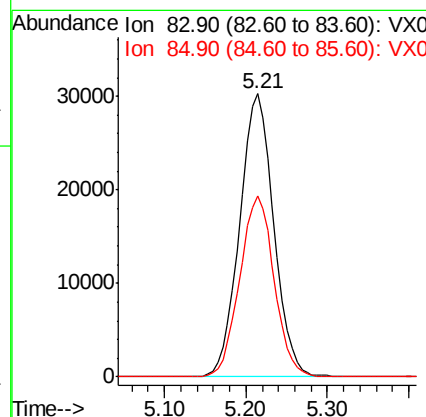
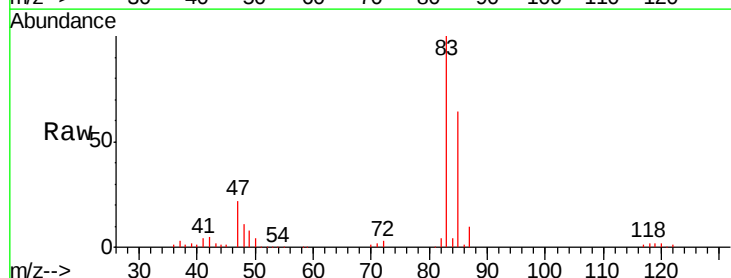
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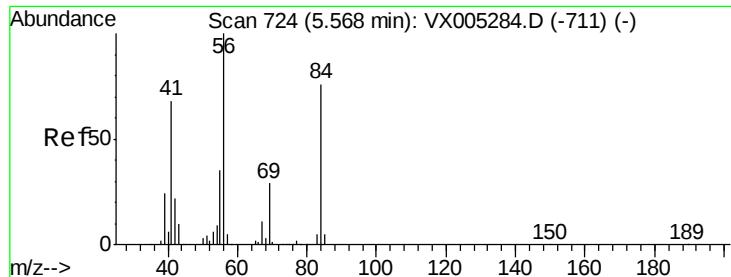
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#30
Chloroform
Concen: 19.69 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.6	79.0





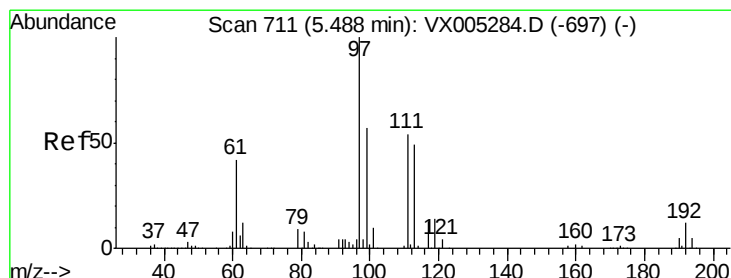
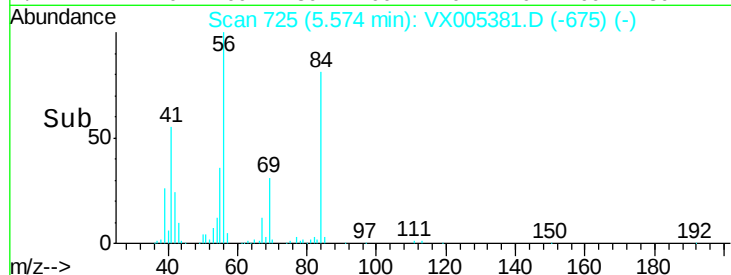
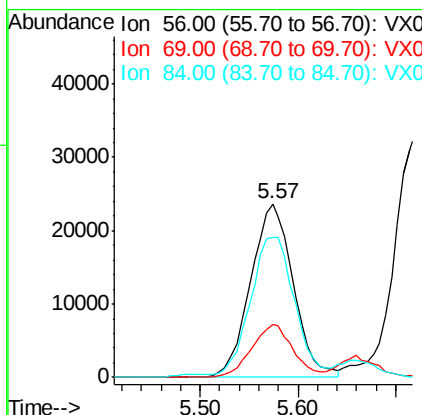
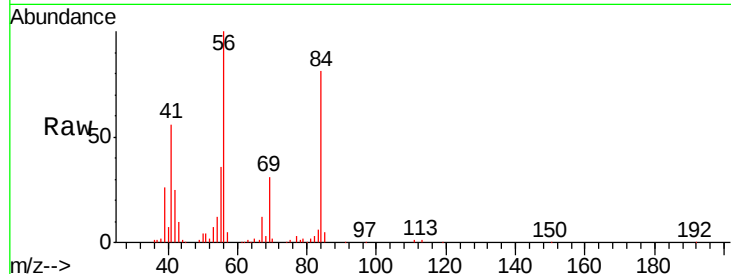
#31
Cyclohexane
Concen: 18.15 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.01 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tgt Ion: 56 Resp: 71844
Ion Ratio Lower Upper
56 100
69 30.8 25.4 38.2
84 79.3 71.4 107.2

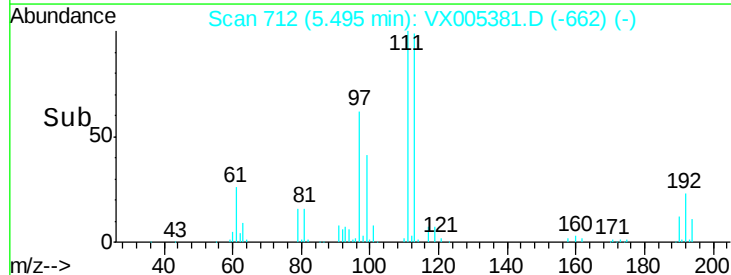
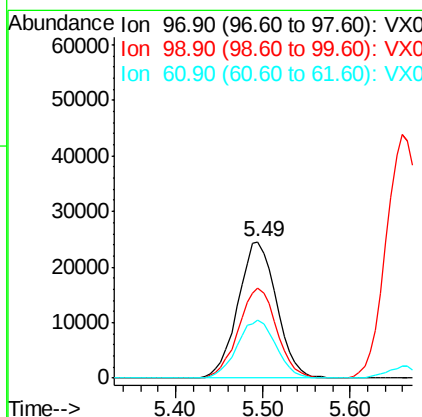
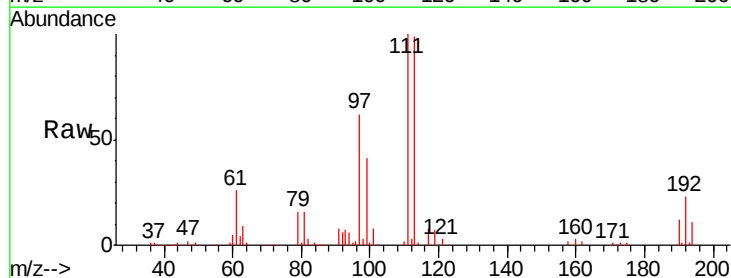
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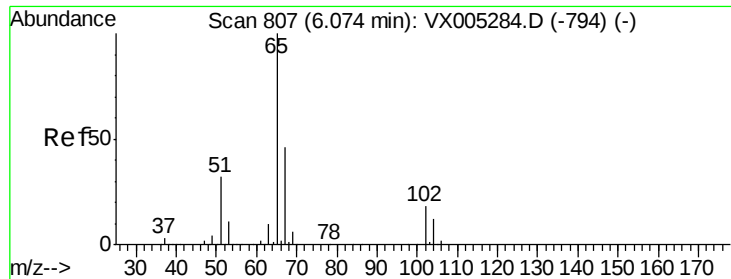
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#32
1,1,1-Trichloroethane
Concen: 19.38 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Tgt Ion: 97 Resp: 75203
Ion Ratio Lower Upper
97 100
99 65.3 52.0 78.0
61 43.0 34.9 52.3





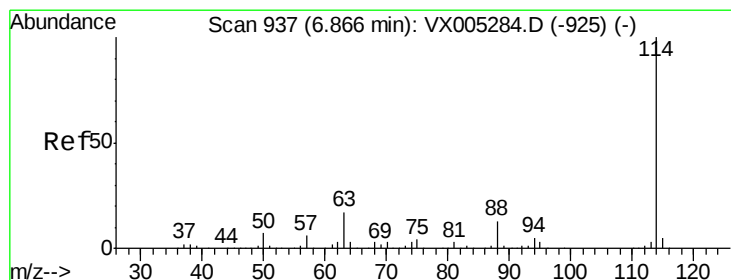
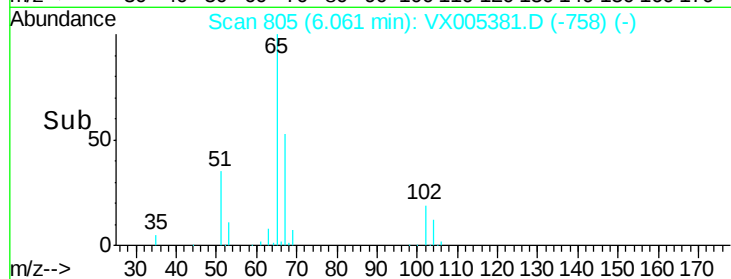
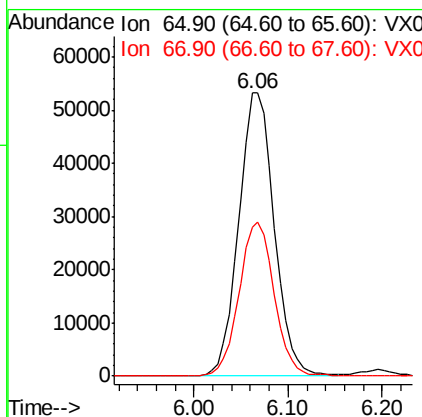
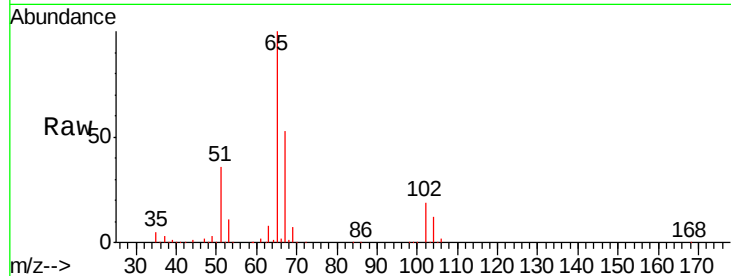
#33
 1,2-Dichloroethane-d4
 Concen: 48.73 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005381.D
 Acq: 17 Oct 2018 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBS01

Tgt Ion: 65 Resp: 140340
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.8

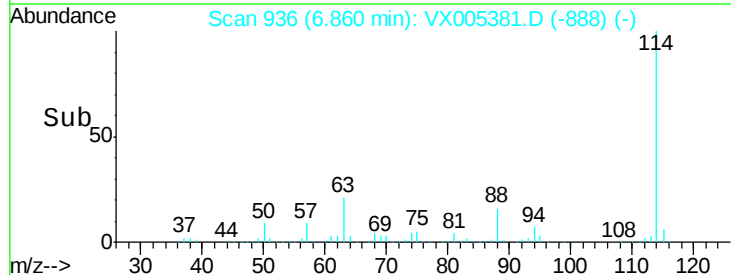
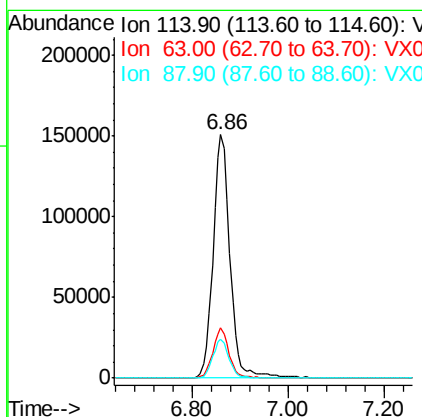
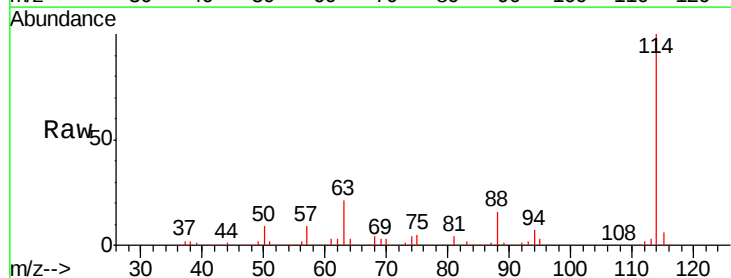
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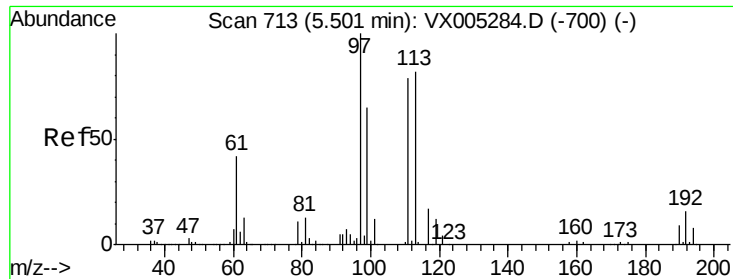
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005381.D
 Acq: 17 Oct 2018 09:31

Tgt Ion: 114 Resp: 369436
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.0
 88 15.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 47.54 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA_X

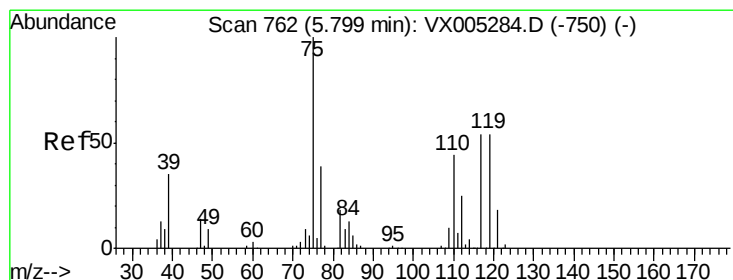
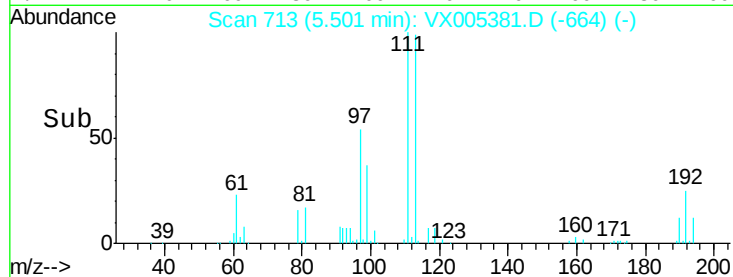
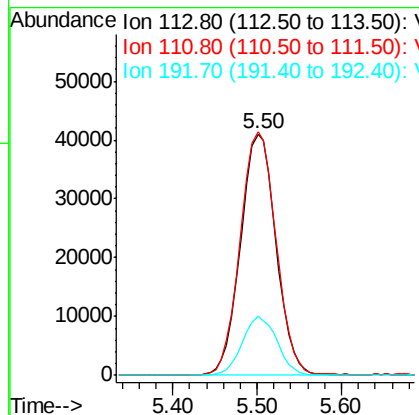
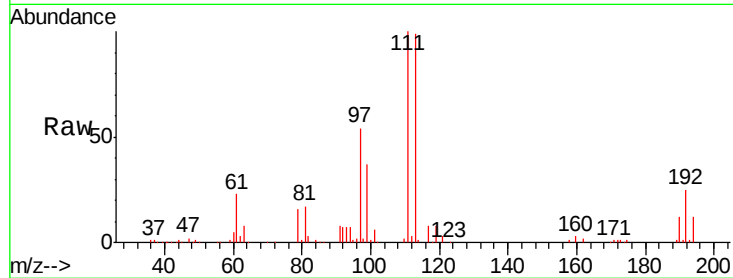
ClientSampleId :

VX1017MBS01

Tgt Ion:	113	Resp:	116328
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	24.1	19.4	29.2

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#36

1,1-Dichloropropene

Concen: 17.42 ug/l

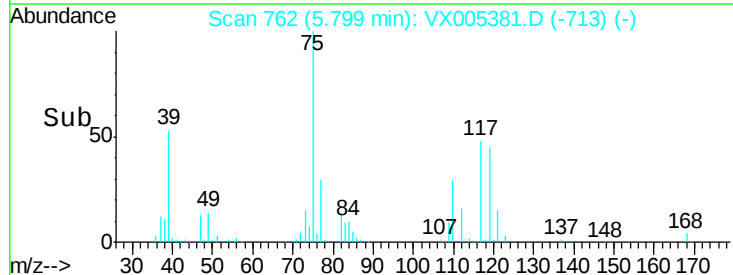
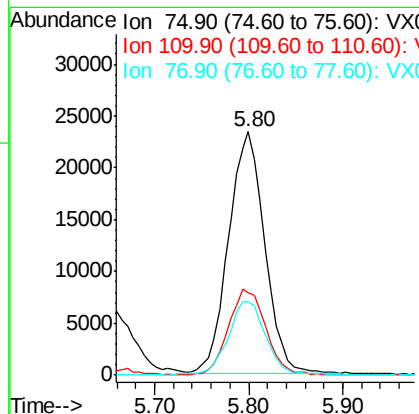
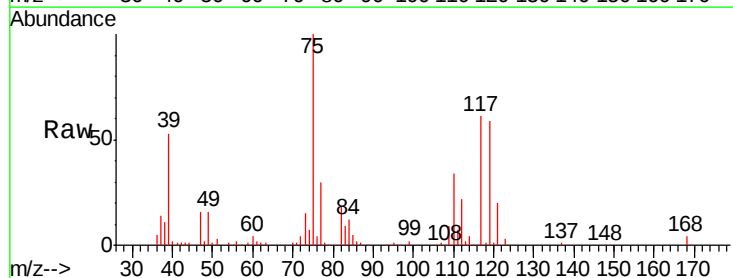
RT: 5.80 min Scan# 762

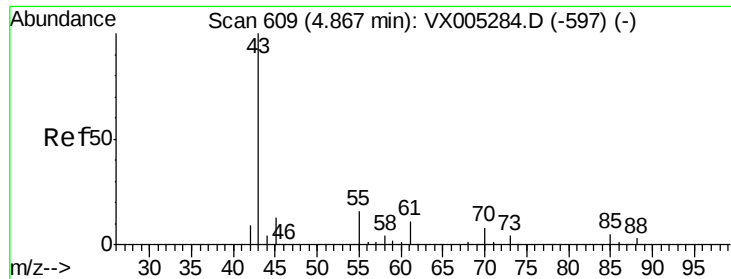
Delta R.T. -0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Tgt Ion:	75	Resp:	62334
Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.0	54.0
77	30.5	24.6	36.8





#37

Ethyl Acetate

Concen: 18.77 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.01 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA_X

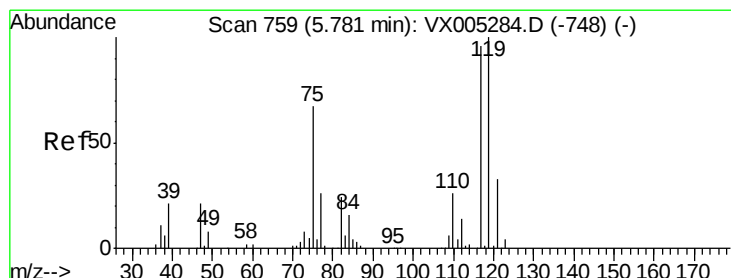
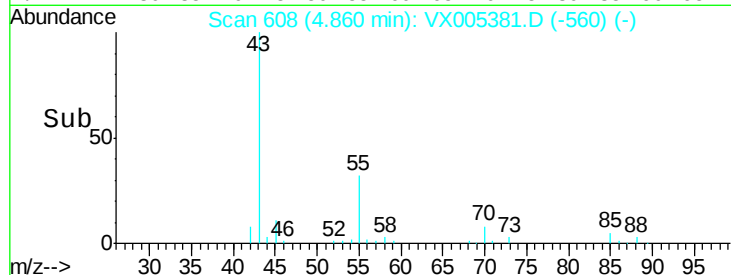
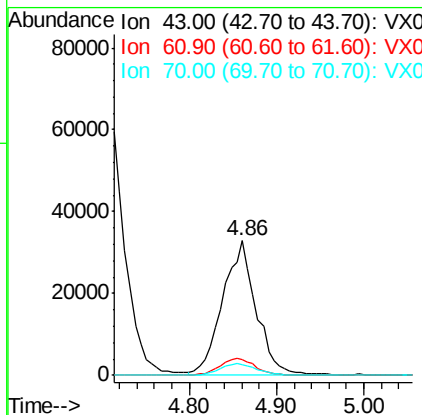
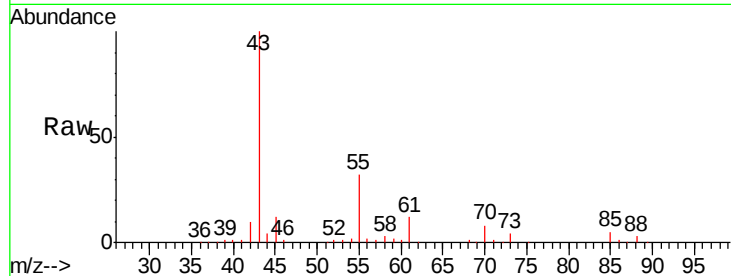
ClientSampleId :

VX1017MBS01

Tgt Ion:	43	Resp:	86381
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.5	17.3
70	9.8	9.0	13.6

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#38

Carbon Tetrachloride

Concen: 18.32 ug/l

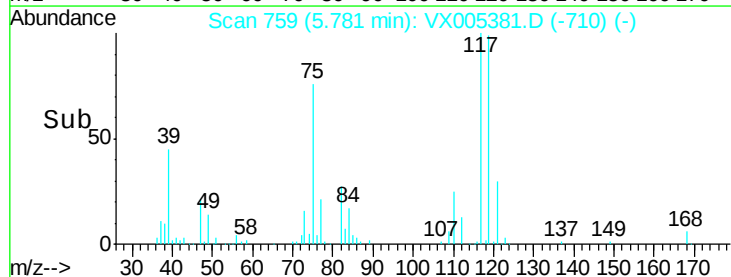
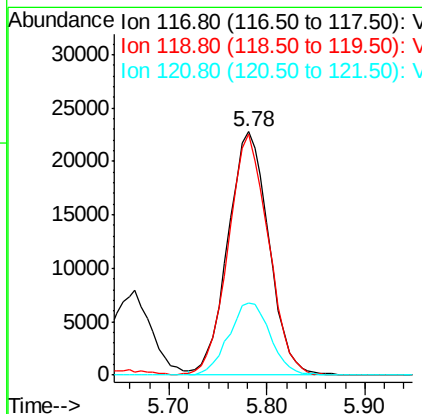
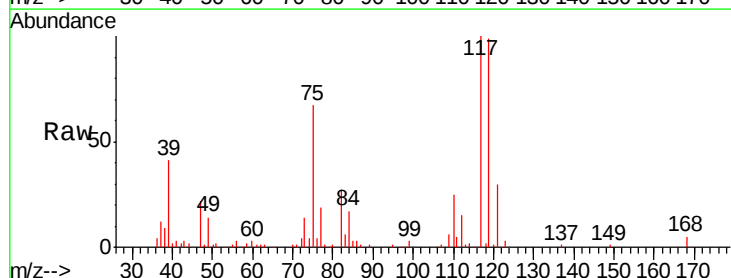
RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Tgt Ion:	117	Resp:	65847
Ion	Ratio	Lower	Upper
117	100		
119	99.0	78.8	118.2
121	29.7	24.9	37.3





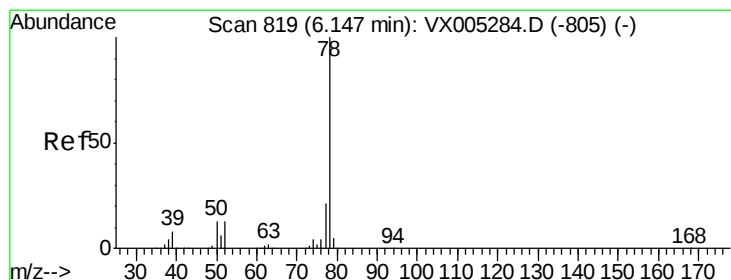
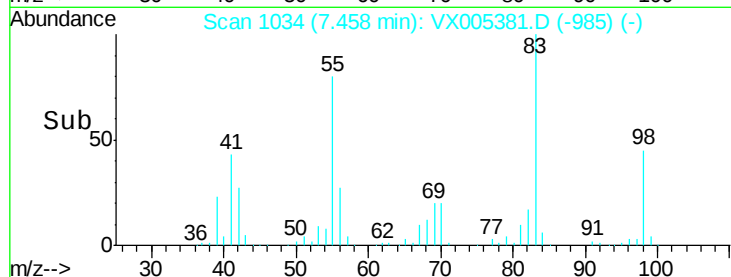
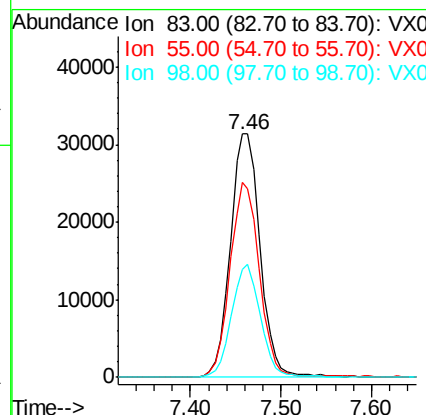
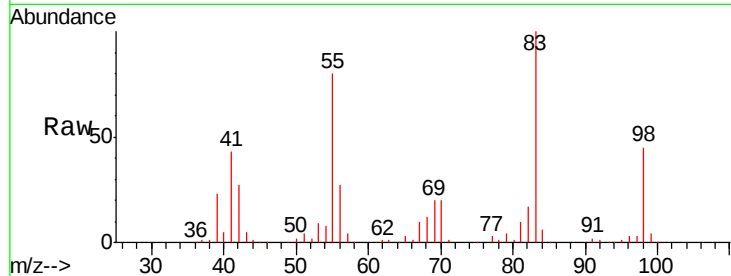
#39
Methylcyclohexane
Concen: 18.46 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.1	61.0	91.4
98	44.6	39.6	59.4

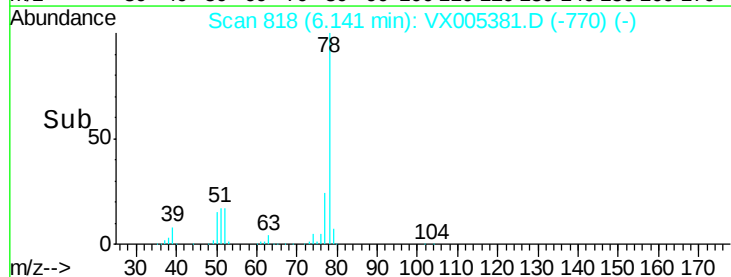
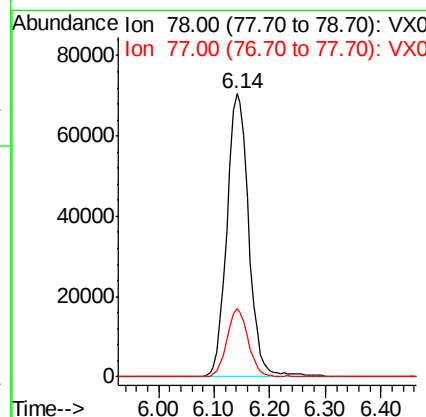
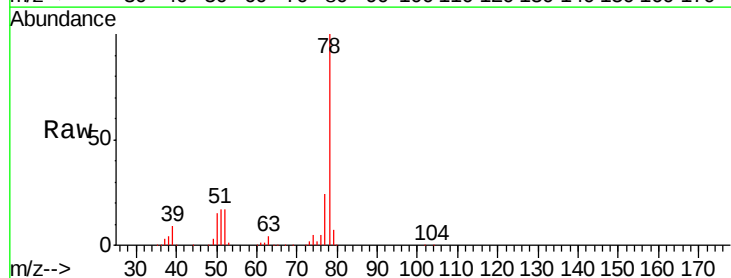
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#40
Benzene
Concen: 17.91 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4





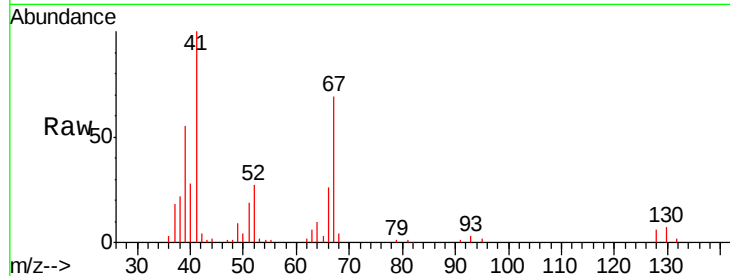
#41
Methacrylonitrile
Concen: 17.96 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	42.4	63.6	
67	70.8	59.2	88.8	
52	29.3	23.0	34.4	

Manual Integrations
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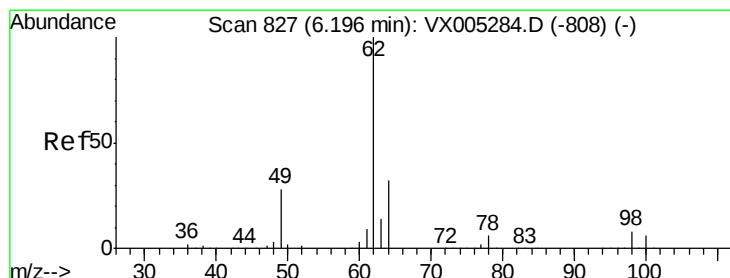
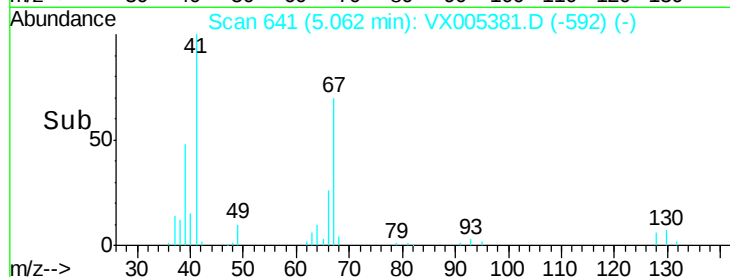
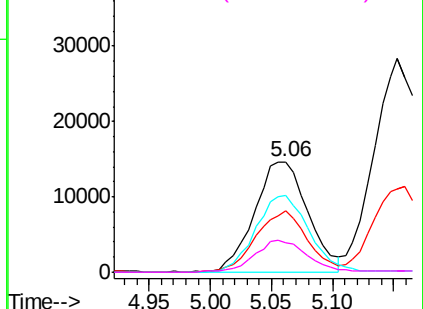


Abundance Ion 41.00 (40.70 to 41.70): VX005381.D (-592) (-)

Ion 39.00 (38.70 to 39.70): VX005381.D (-592) (-)

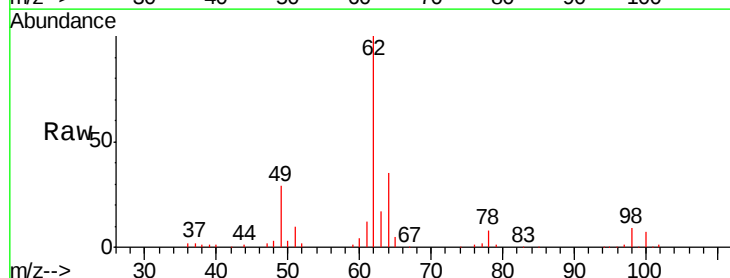
Ion 67.00 (66.70 to 67.70): VX005381.D (-592) (-)

Ion 52.00 (51.70 to 52.70): VX005381.D (-592) (-)



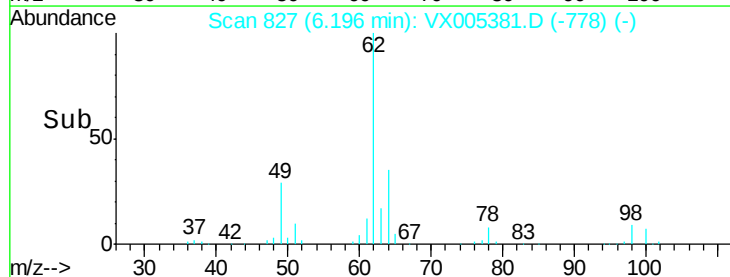
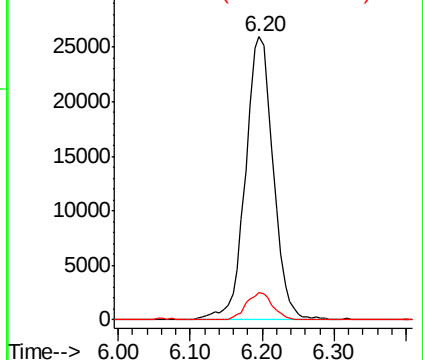
#42
1,2-Dichloroethane
Concen: 18.37 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

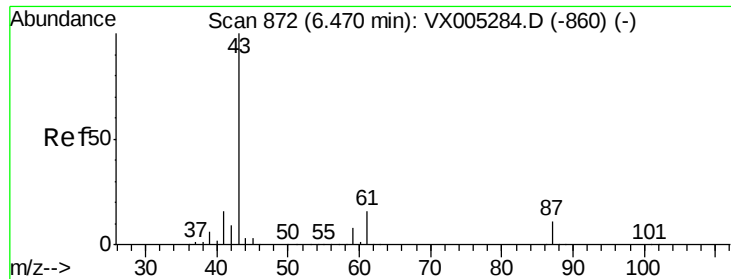
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	20.6	



Abundance Ion 61.90 (61.60 to 62.60): VX005381.D (-778) (-)

Ion 97.90 (97.60 to 98.60): VX005381.D (-778) (-)





#43

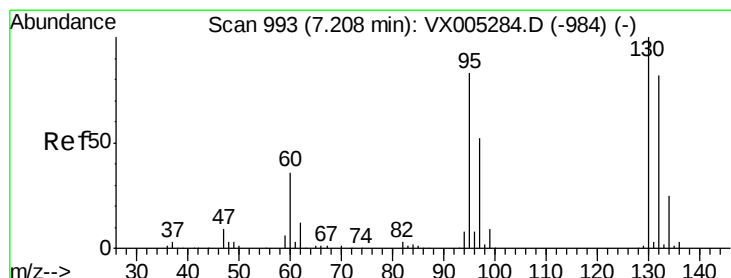
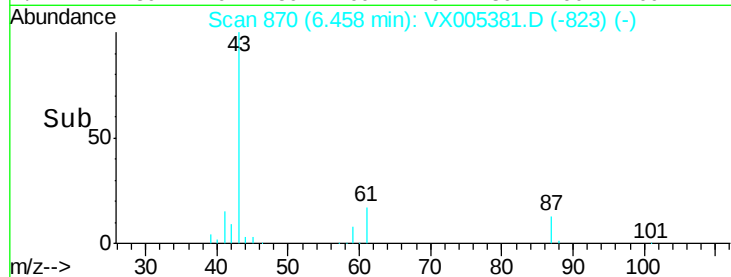
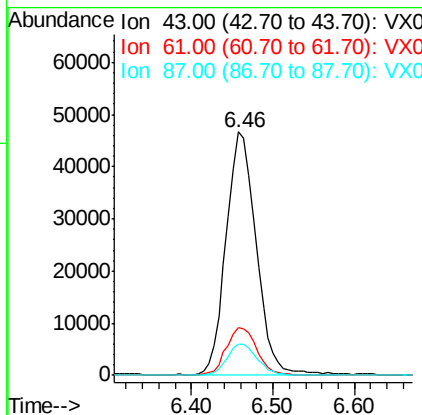
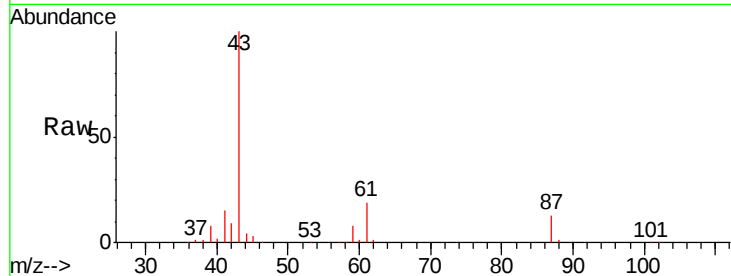
Isopropyl Acetate
 Concen: 19.37 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX005381.D
 Acq: 17 Oct 2018 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.1	17.0	25.4
87	13.2	11.4	17.2

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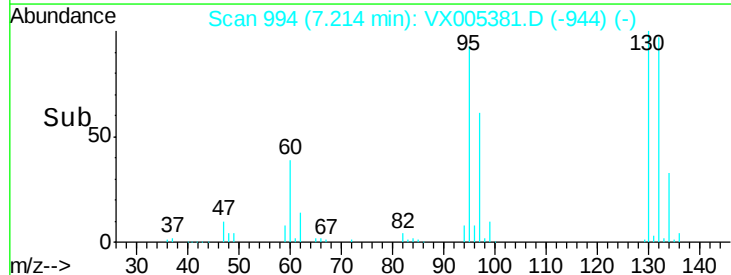
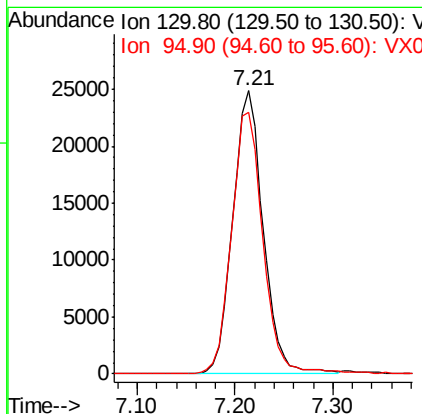
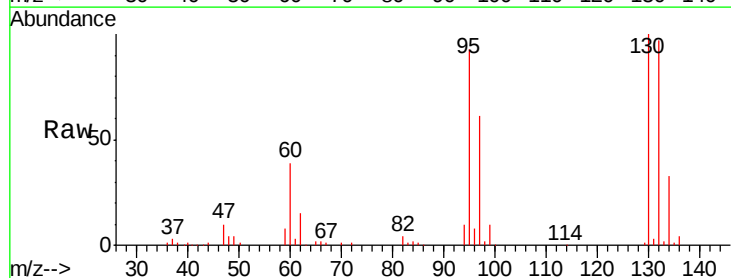
MMDadoda
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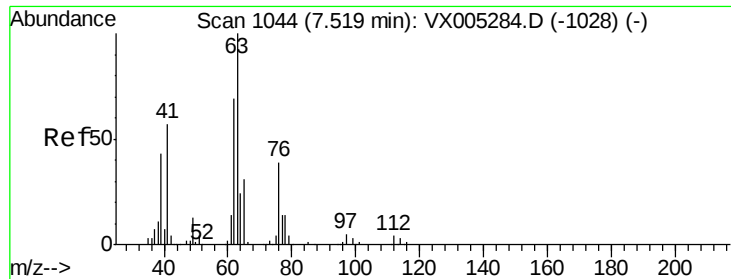


#44

Trichloroethene
 Concen: 19.23 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX005381.D
 Acq: 17 Oct 2018 09:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	181.6





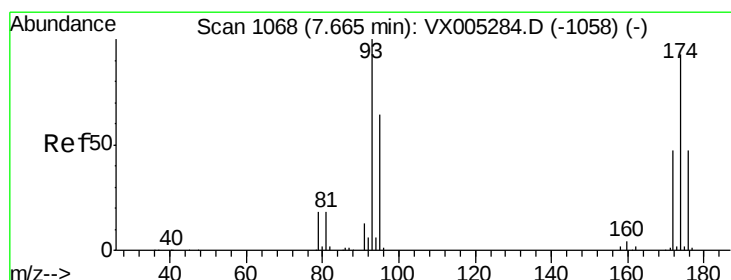
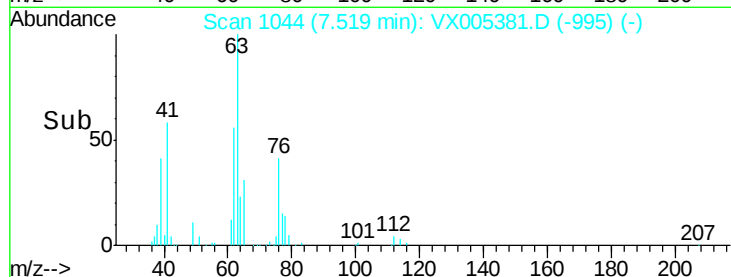
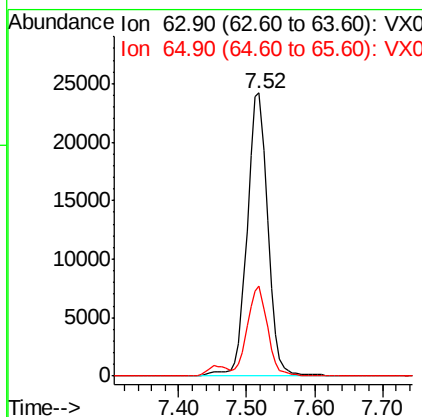
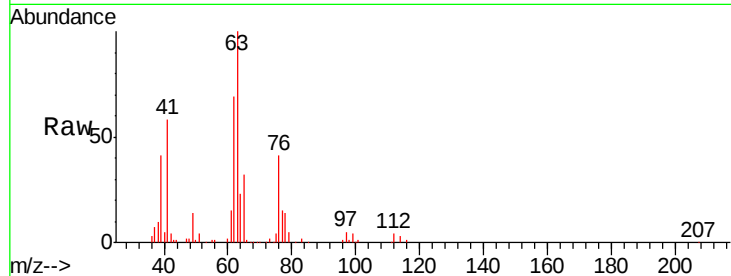
#45
 1,2-Dichloropropane
 Concen: 19.57 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005381.D
 Acq: 17 Oct 2018 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBS01

Tgt Ion: 63 Resp: 51521
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.3 36.5

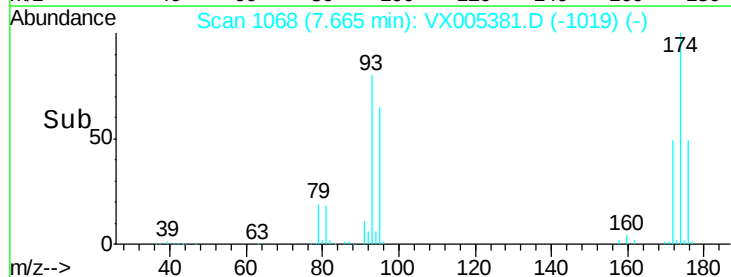
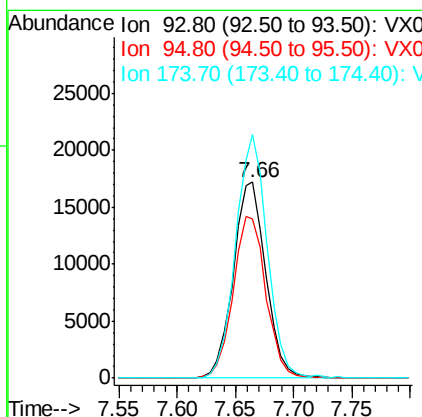
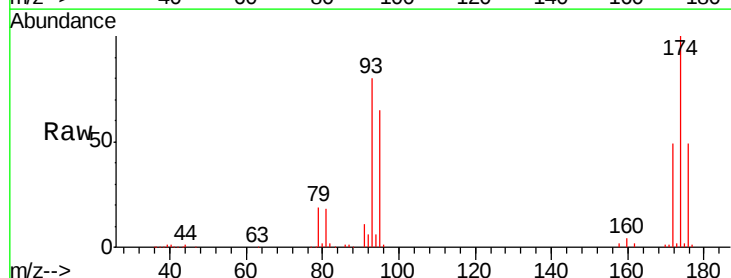
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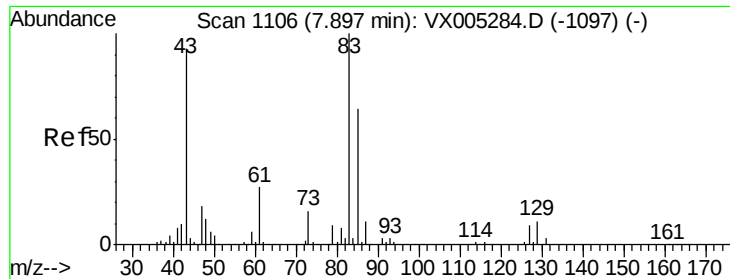
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#46
 Dibromomethane
 Concen: 19.24 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005381.D
 Acq: 17 Oct 2018 09:31

Tgt Ion: 93 Resp: 33437
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.5 98.3
 174 120.9 94.2 141.4





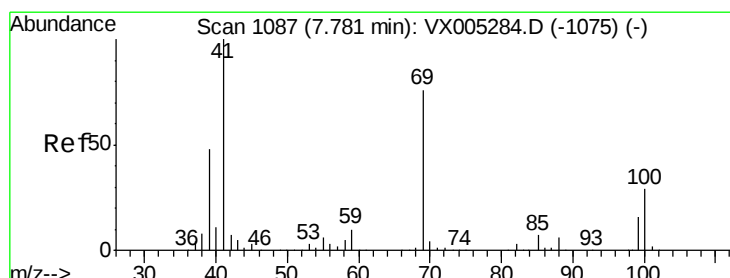
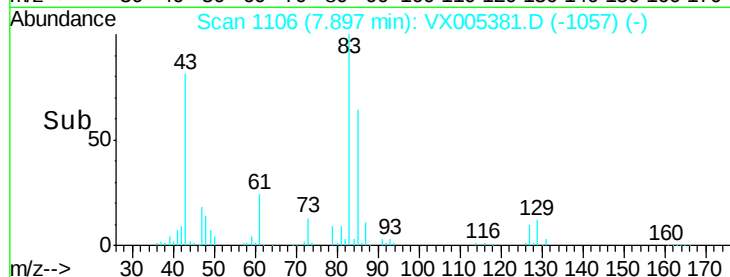
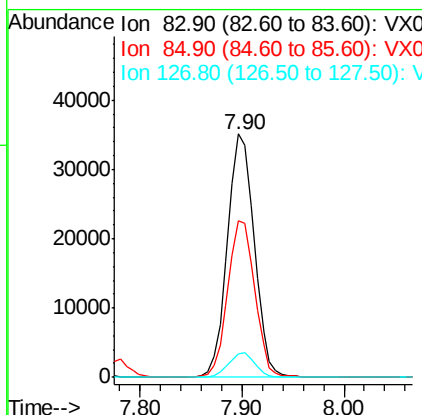
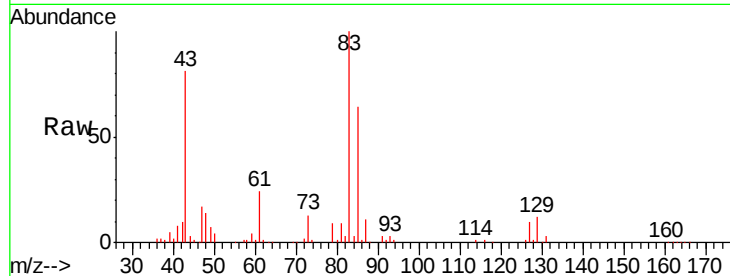
#47
Bromodichloromethane
Concen: 19.93 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.9	76.3
127	9.6	7.3	10.9

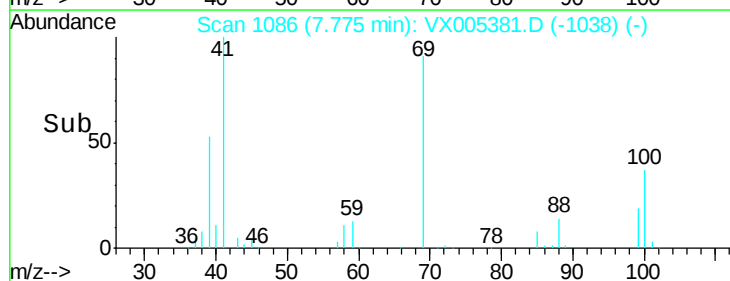
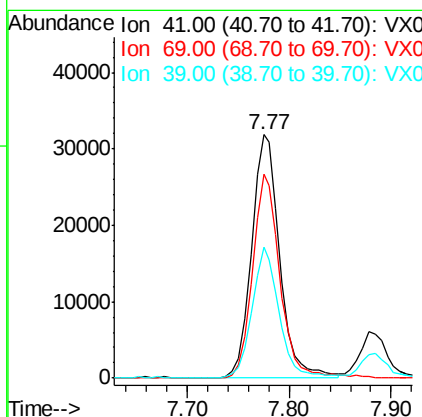
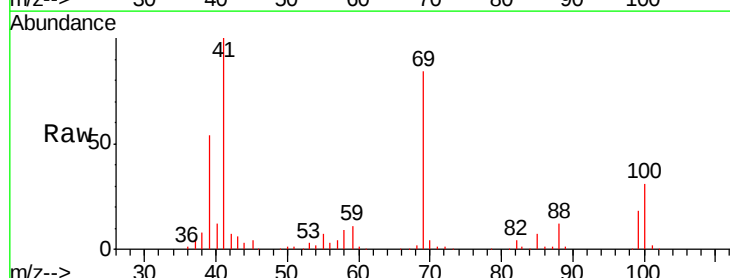
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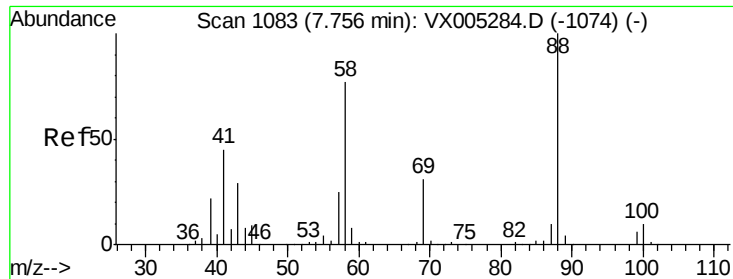
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#48
Methyl methacrylate
Concen: 19.16 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.9	70.2	105.4
39	52.3	42.7	64.1





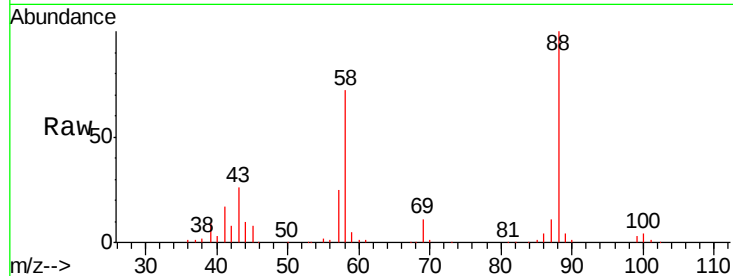
#49
1,4-Dioxane
Concen: 407.79 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

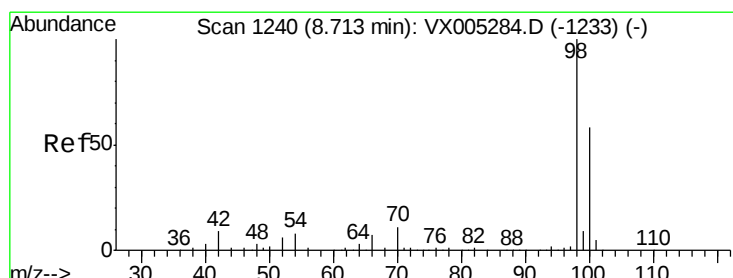
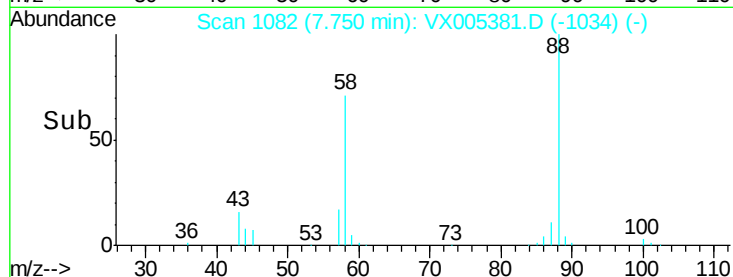
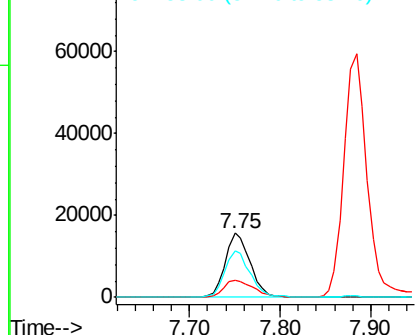
Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.3	24.7	37.1
58	74.1	55.3	82.9

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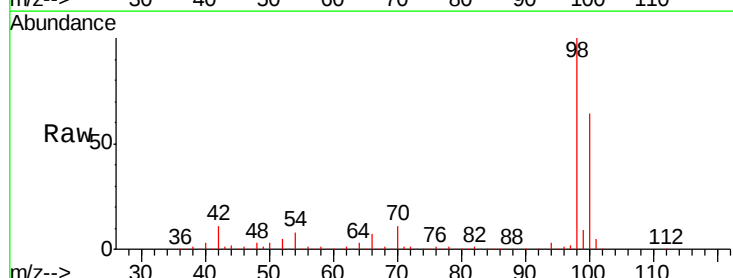


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

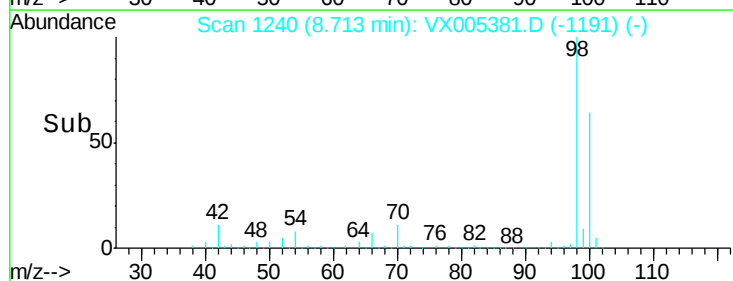
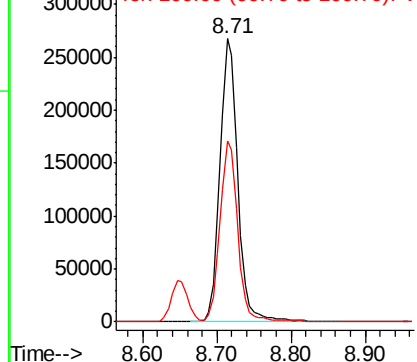


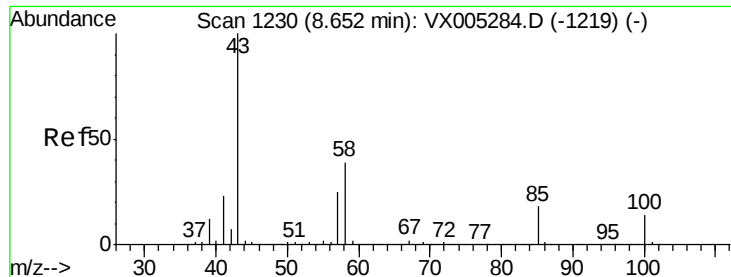
#50
Toluene-d8
Concen: 52.45 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.9	79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





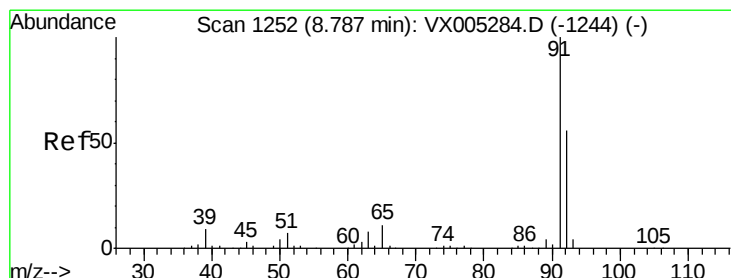
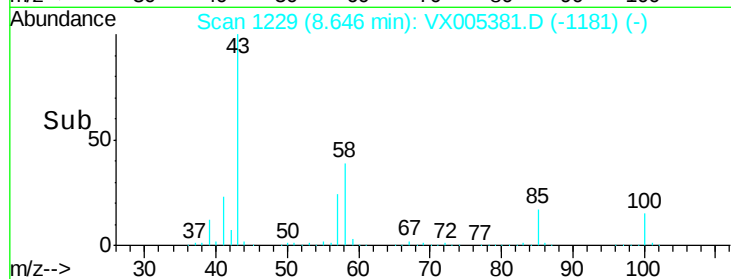
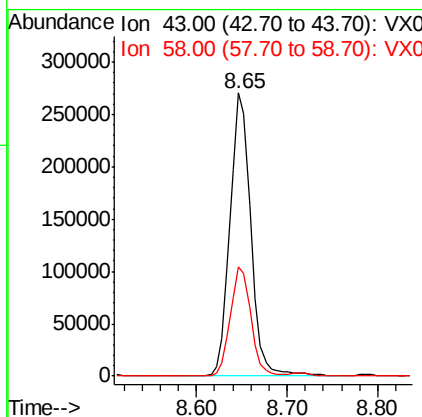
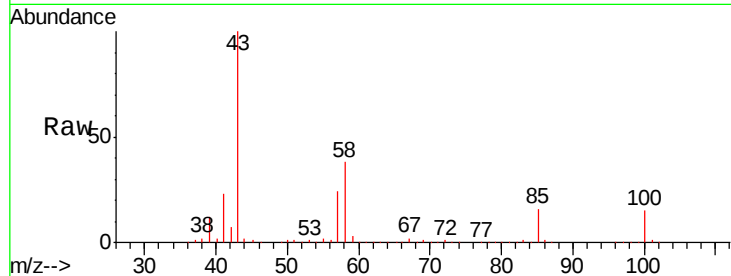
#51
4-Methyl-2-Pentanone
Concen: 101.85 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tgt Ion: 43 Resp: 432271
Ion Ratio Lower Upper
43 100
58 38.1 33.1 49.7

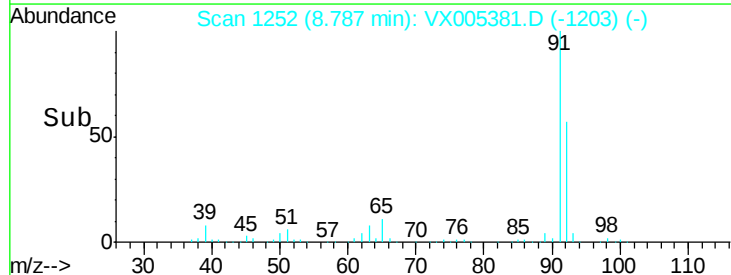
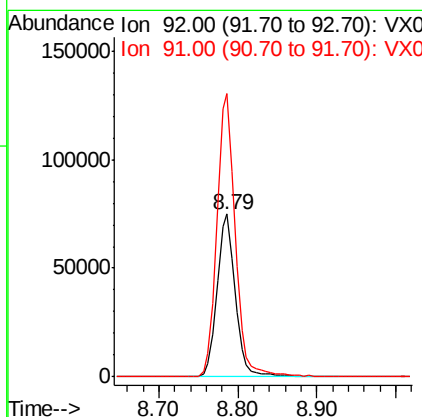
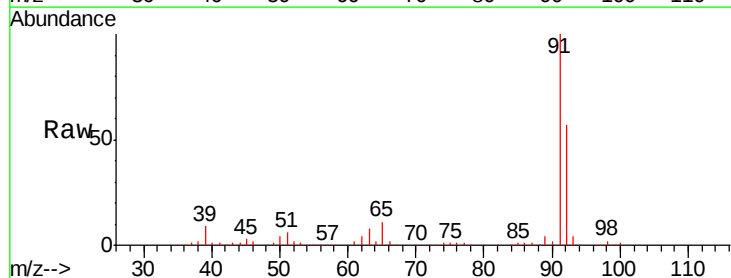
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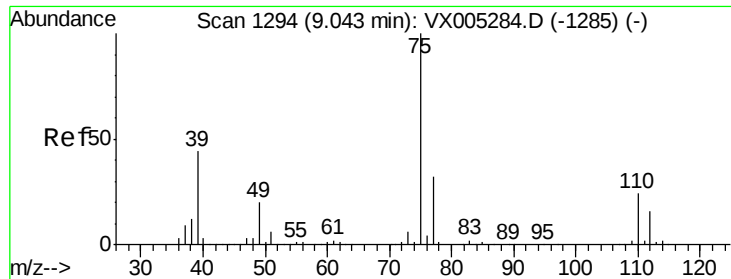
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#52
Toluene
Concen: 20.71 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Tgt Ion: 92 Resp: 121634
Ion Ratio Lower Upper
92 100
91 175.2 136.4 204.6





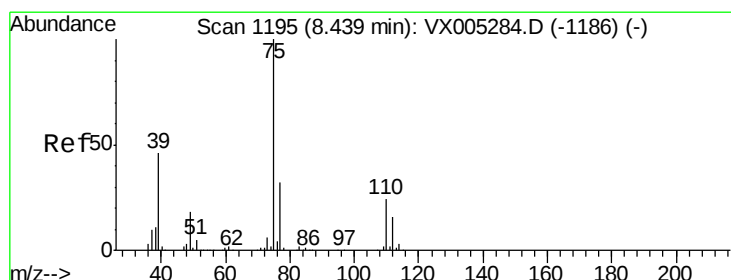
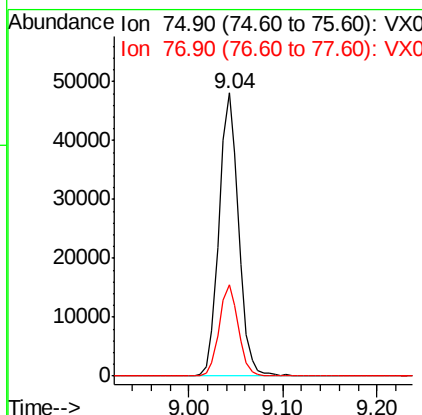
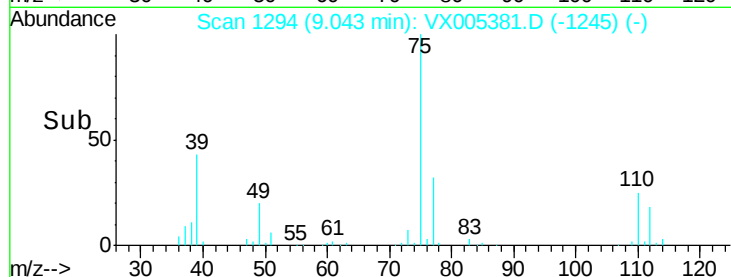
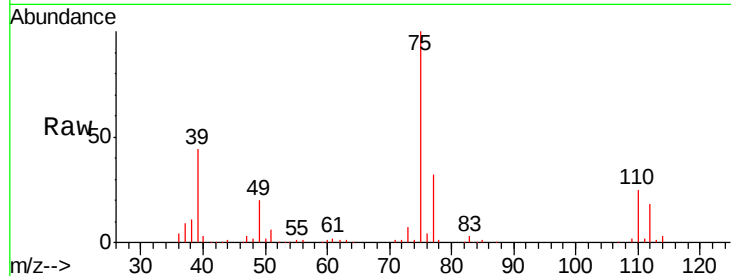
#53
t-1,3-Dichloropropene
Concen: 19.92 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tgt Ion: 75 Resp: 69283
Ion Ratio Lower Upper
75 100
77 32.1 24.6 37.0

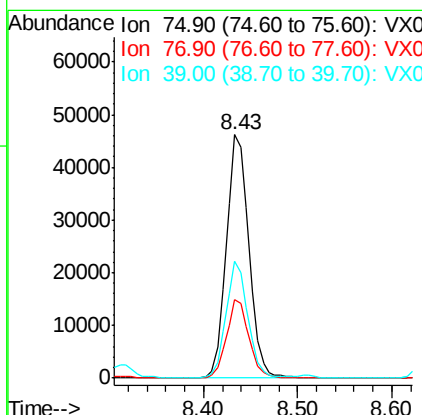
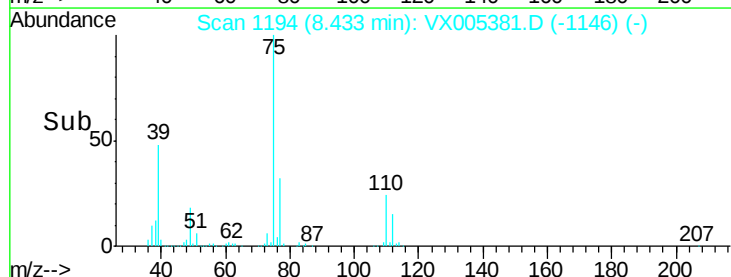
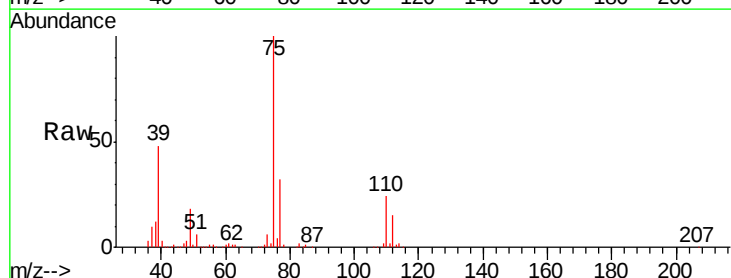
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#54
cis-1,3-Dichloropropene
Concen: 20.42 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.01 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Tgt Ion: 75 Resp: 76980
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
39 47.8 36.4 54.6





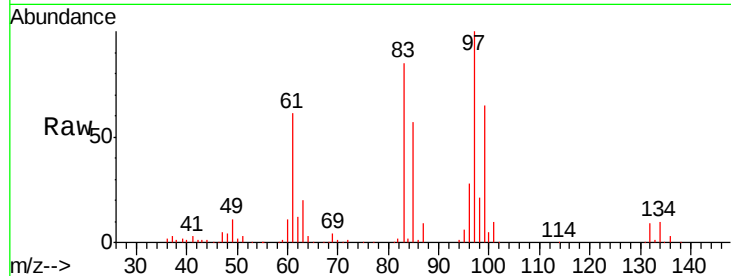
#55
 1,1,2-Trichloroethane
 Concen: 20.61 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005381.D
 Acq: 17 Oct 2018 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.4	99.6
85	57.1	43.3	64.9
99	65.0	49.0	73.4

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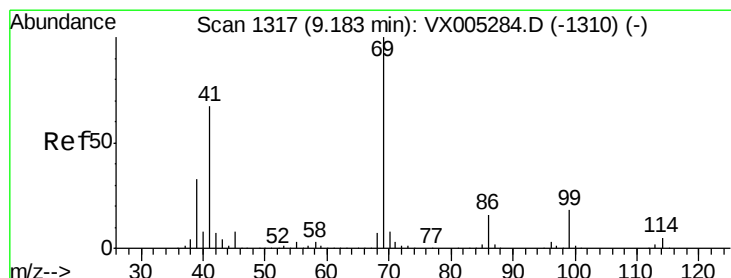
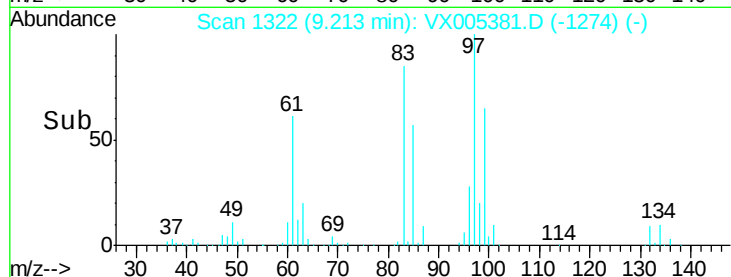
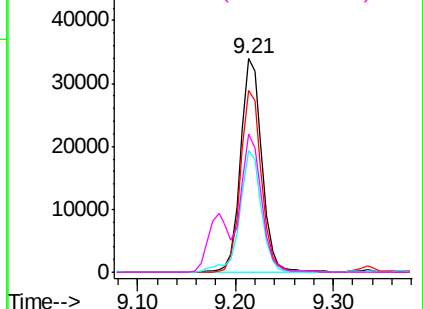
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

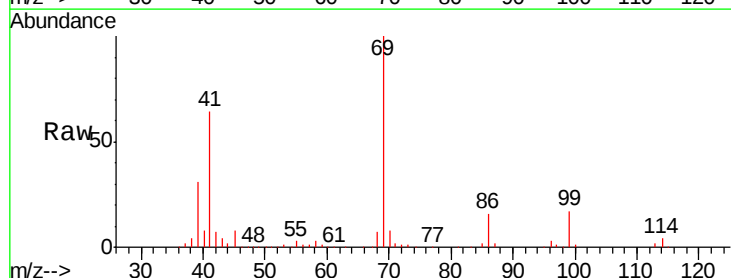
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 20.52 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005381.D
 Acq: 17 Oct 2018 09:31

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.4	51.0	76.4
39	32.7	26.1	39.1

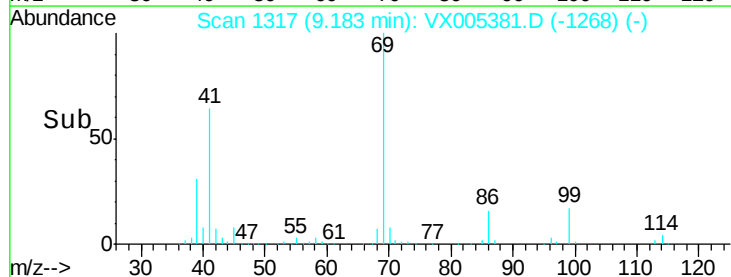
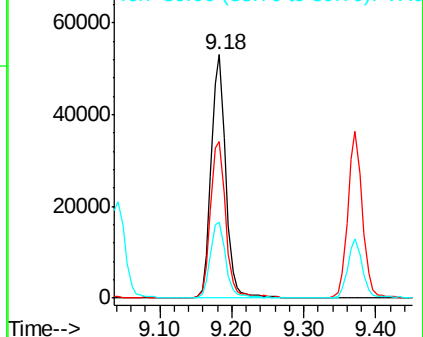


Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.35 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tgt Ion: 76 Resp: 84485

Ion Ratio Lower Upper

76 100

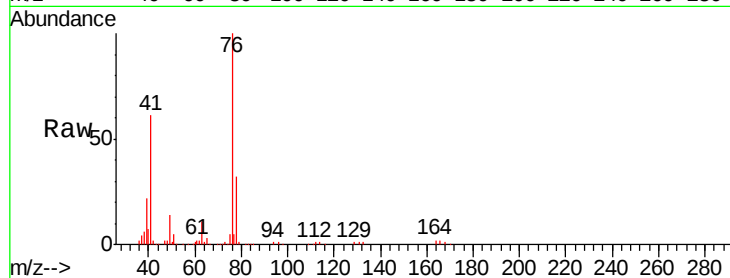
78 32.0 25.5 38.3

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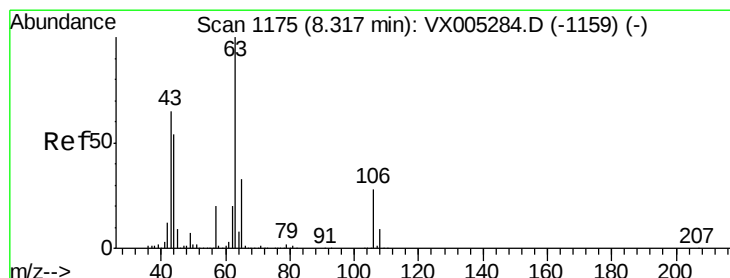
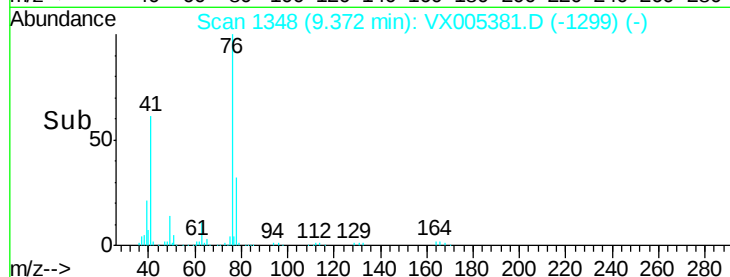
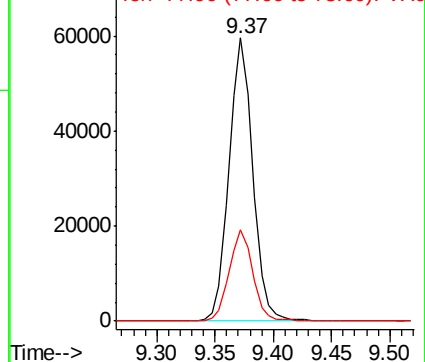
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 104.15 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005381.D

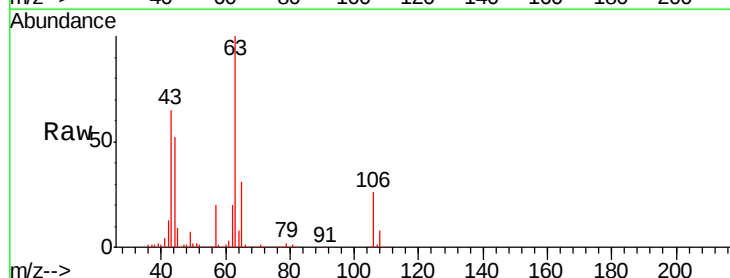
Acq: 17 Oct 2018 09:31

Tgt Ion: 63 Resp: 211782

Ion Ratio Lower Upper

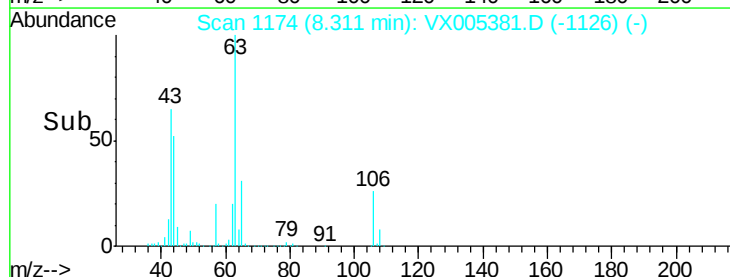
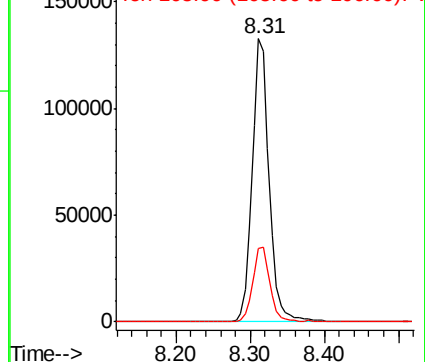
63 100

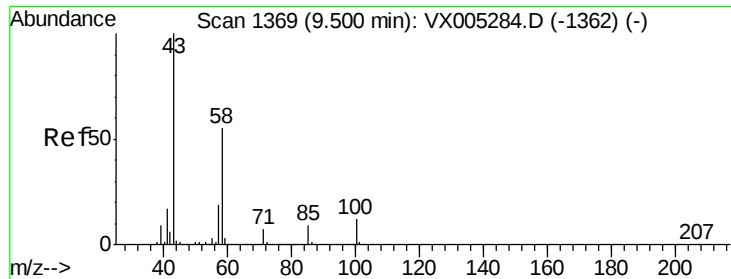
106 27.3 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





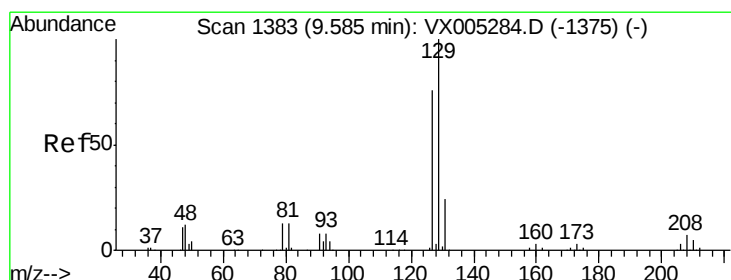
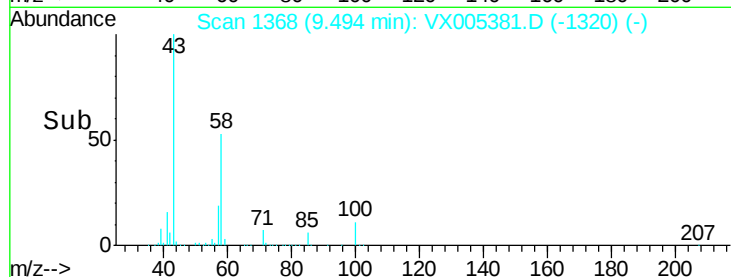
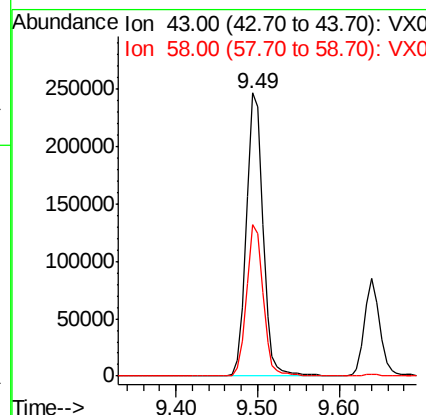
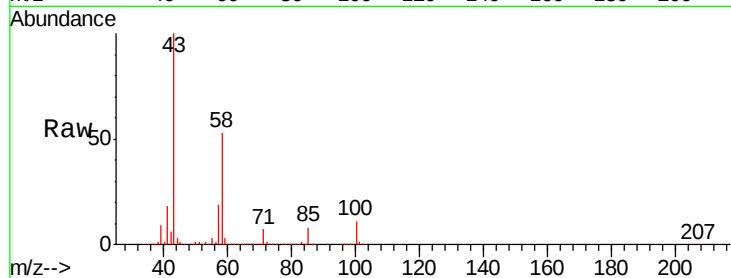
#59
2-Hexanone
Concen: 101.41 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tgt Ion: 43 Resp: 346206
Ion Ratio Lower Upper
43 100
58 53.1 29.0 87.0

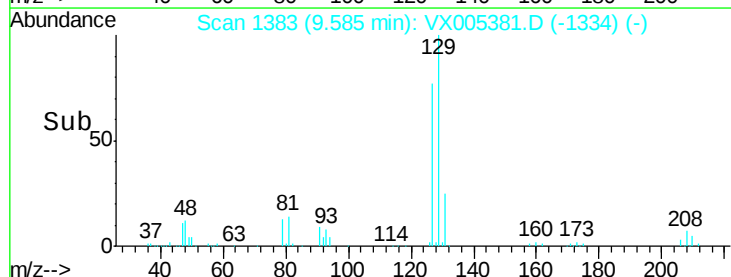
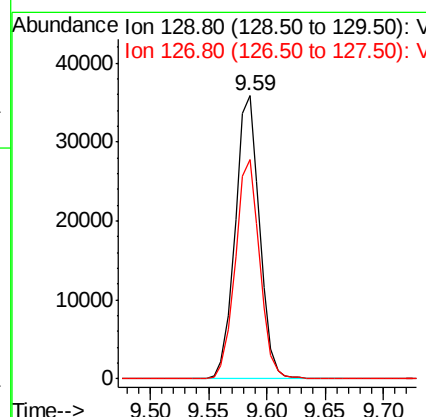
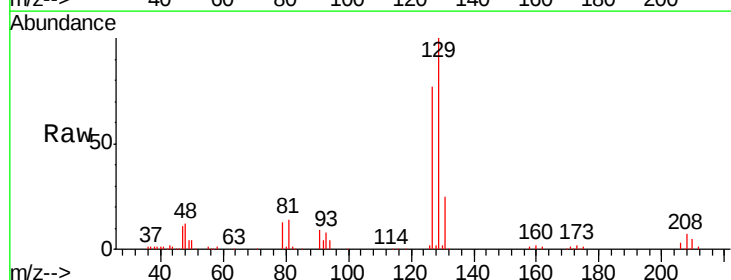
Manual Integrations
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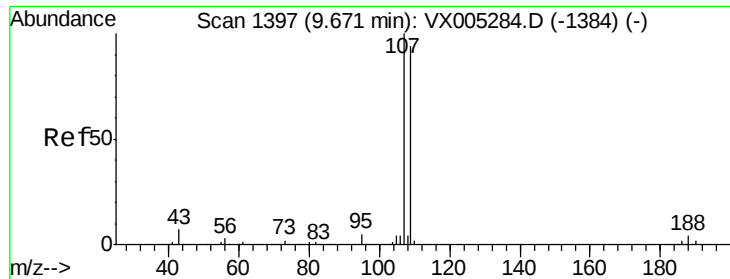
MMDadoda
10/19/2018 12:23:11 PM



#60
Dibromochloromethane
Concen: 20.33 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Tgt Ion: 129 Resp: 52255
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.21 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tgt Ion: 107 Resp: 52747

Ion Ratio Lower Upper

107 100

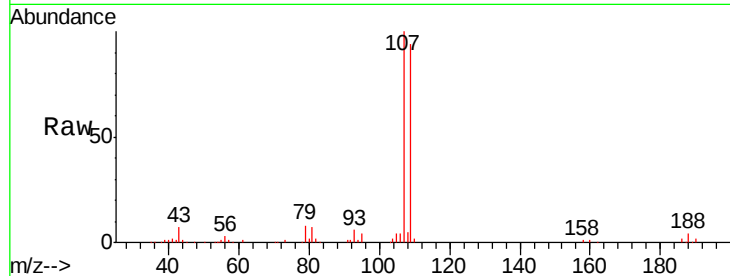
109 94.2 76.0 114.0

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

30000

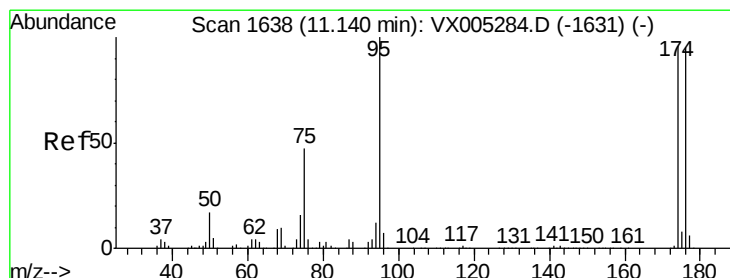
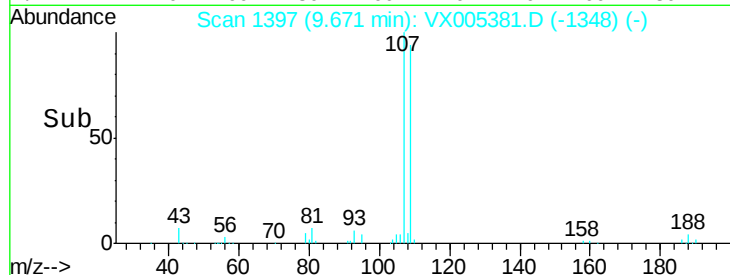
20000

10000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 51.20 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

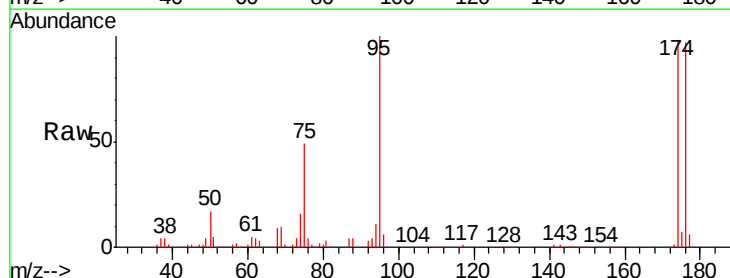
Tgt Ion: 95 Resp: 161586

Ion Ratio Lower Upper

95 100

174 96.1 0.0 185.2

176 93.3 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

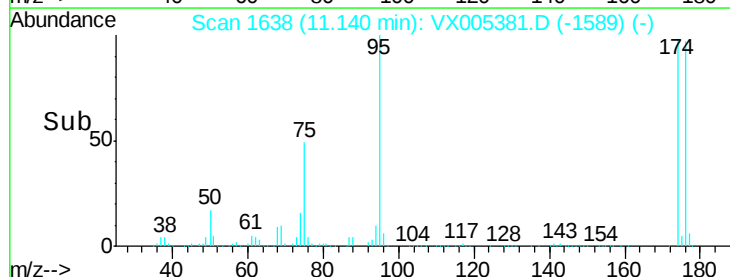
100000

50000

0

11.10 11.20

Time-->





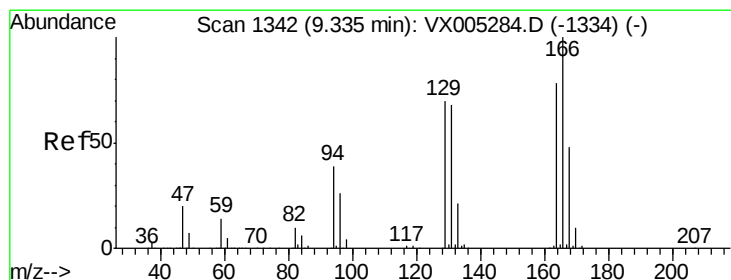
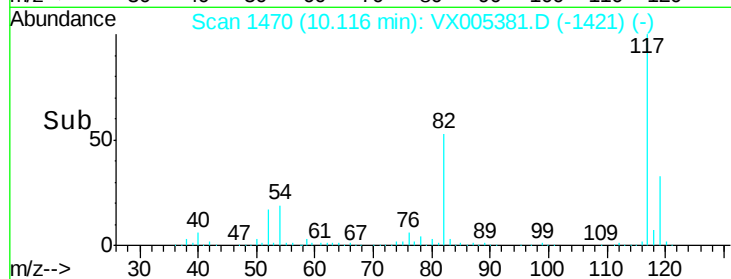
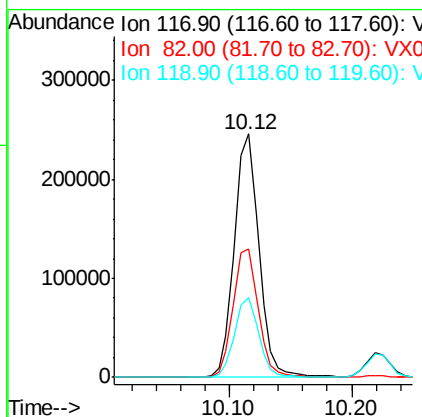
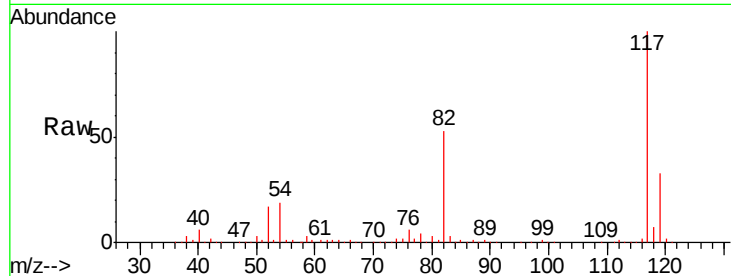
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.8	47.8	71.6
119	32.8	29.3	43.9

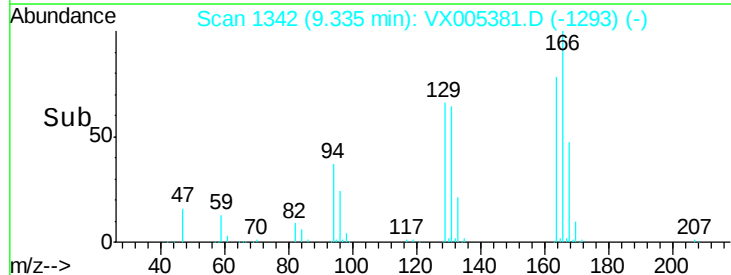
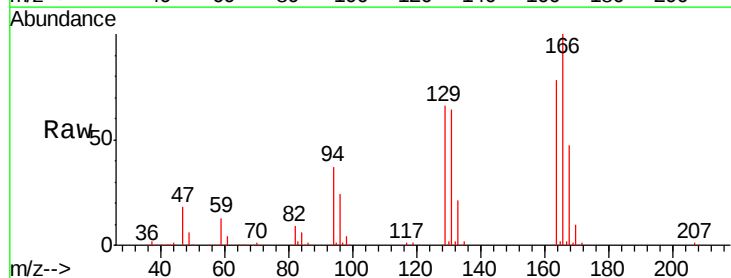
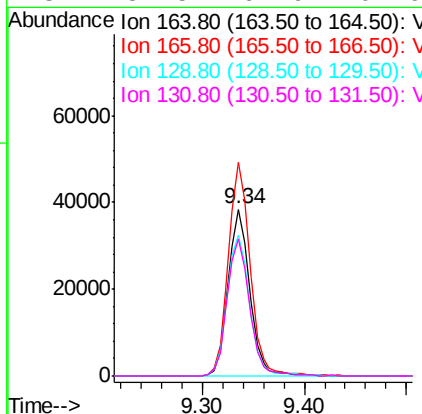
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#64
Tetrachloroethene
Concen: 20.55 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	102.8	154.2
129	84.3	69.4	104.0
131	82.5	67.9	101.9





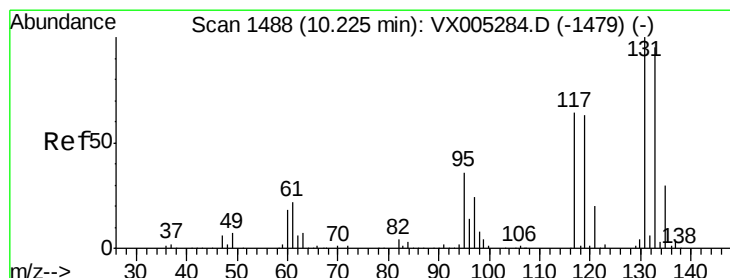
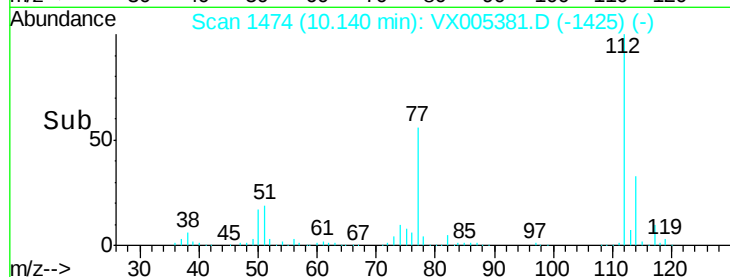
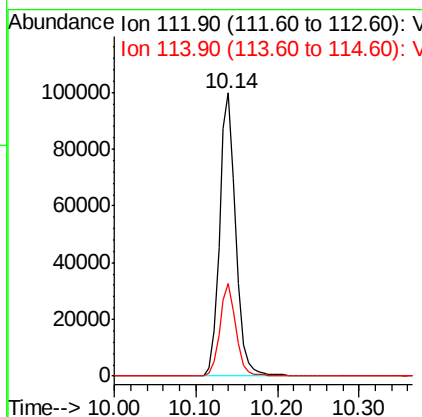
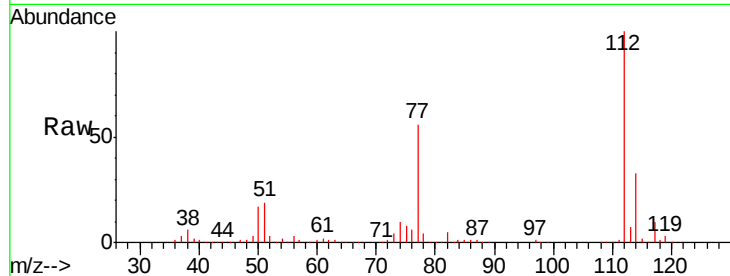
#65
Chlorobenzene
Concen: 19.07 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tgt Ion:112 Resp: 138738
Ion Ratio Lower Upper
112 100
114 32.8 27.8 41.8

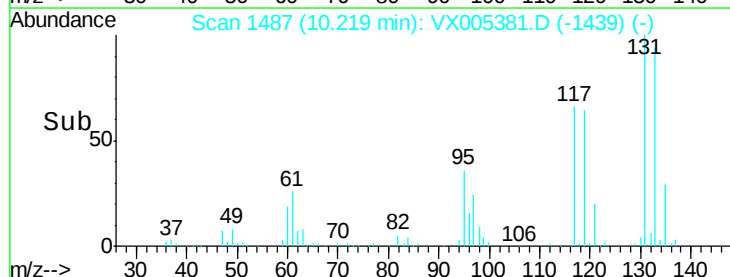
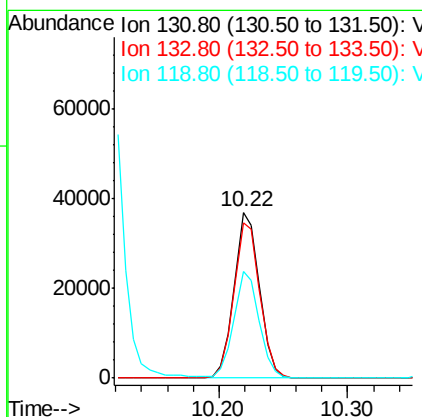
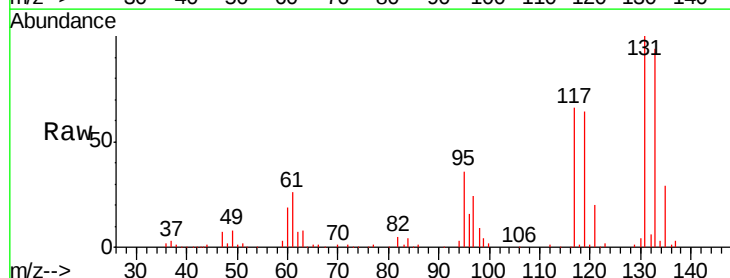
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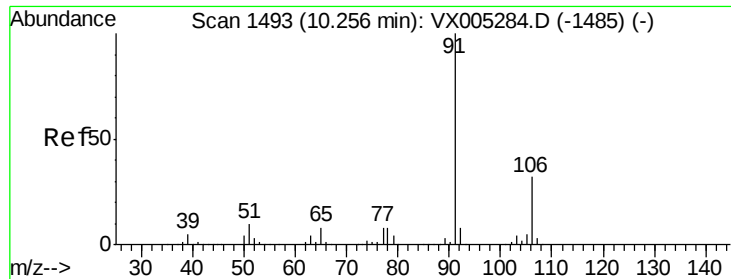
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.58 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Tgt Ion:131 Resp: 50770
Ion Ratio Lower Upper
131 100
133 95.9 48.1 144.4
119 64.8 32.9 98.6





#67

Ethyl Benzene

Concen: 19.24 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tgt Ion: 91 Resp: 227615

Ion Ratio Lower Upper

91 100

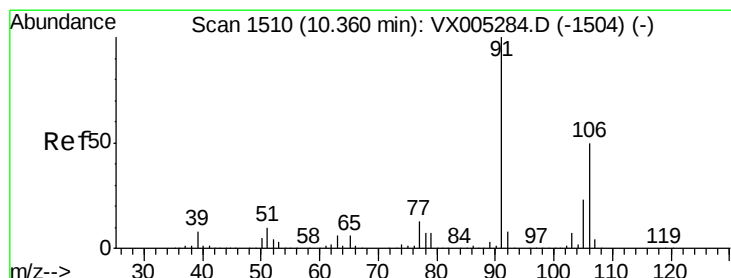
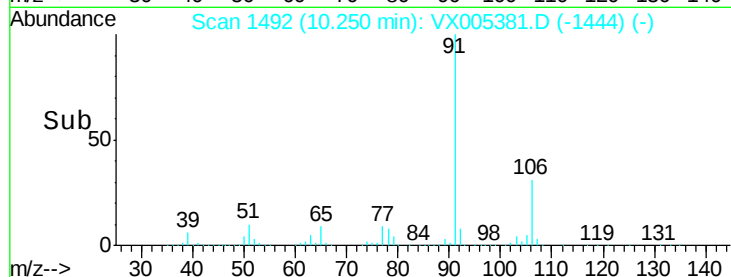
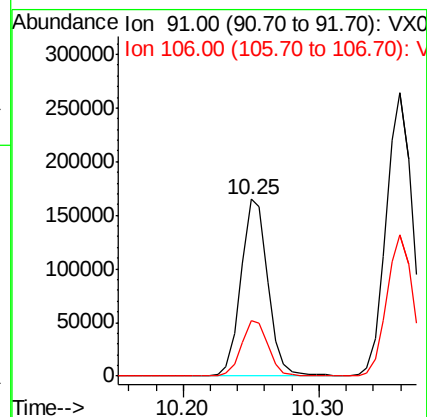
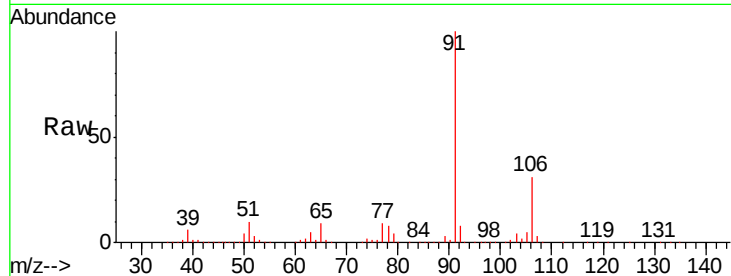
106 31.2 25.9 38.9

Manual Integrations

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#68

m/p-Xylenes

Concen: 39.41 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX005381.D

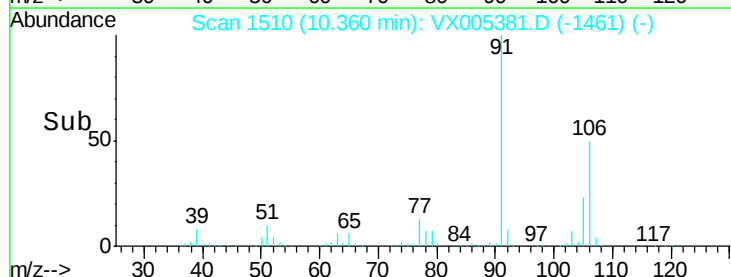
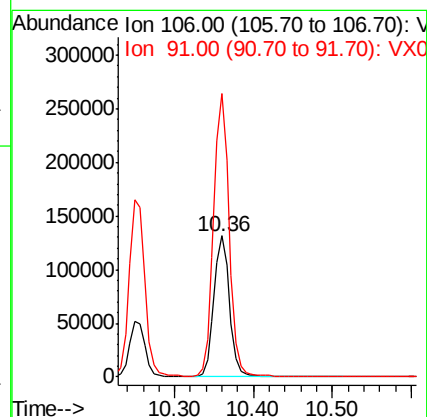
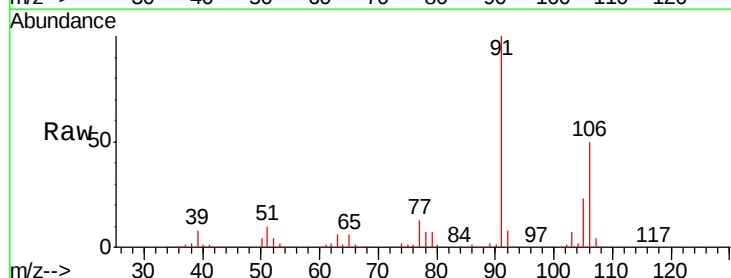
Acq: 17 Oct 2018 09:31

Tgt Ion: 106 Resp: 180943

Ion Ratio Lower Upper

106 100

91 201.8 157.1 235.7





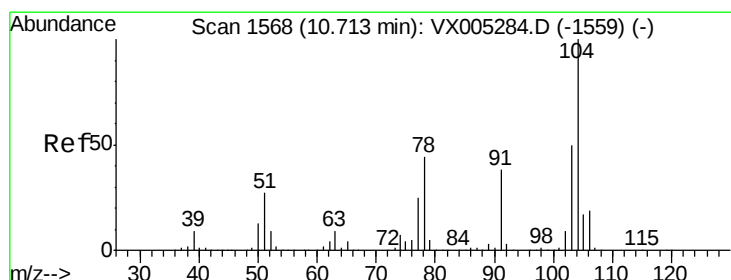
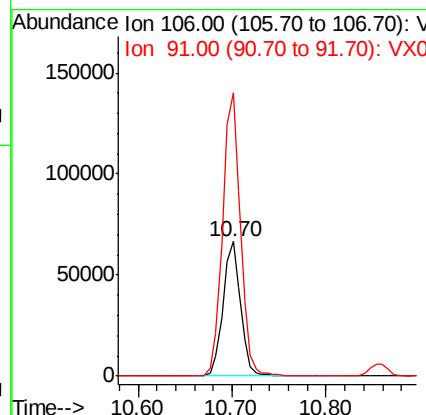
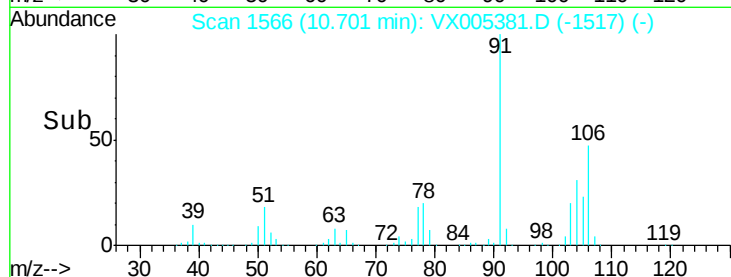
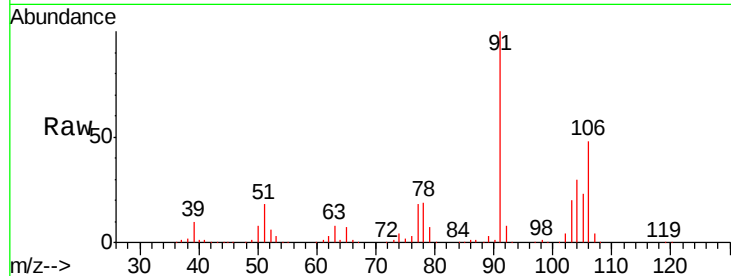
#69
o-Xylene
Concen: 19.40 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tgt Ion:106 Resp: 85893
Ion Ratio Lower Upper
106 100
91 215.0 105.1 315.1

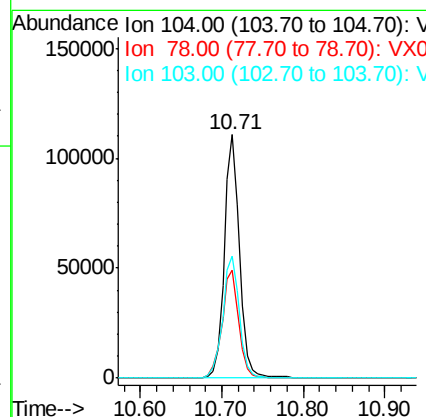
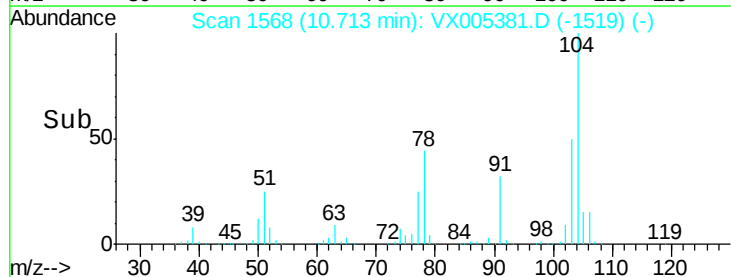
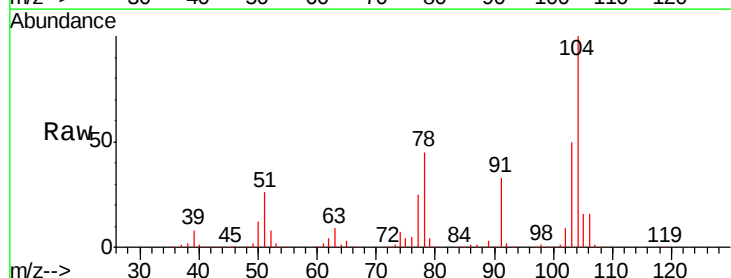
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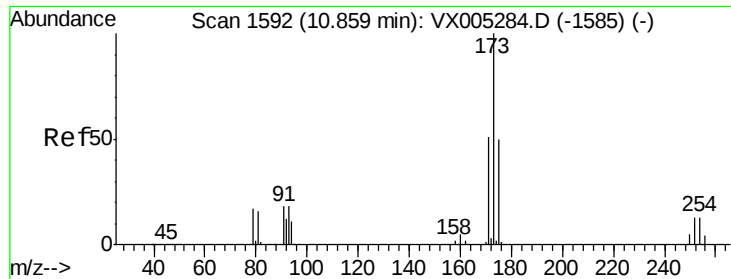
MMDadoda
10/19/2018 12:23:11 PM



#70
Styrene
Concen: 19.85 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Tgt Ion:104 Resp: 144574
Ion Ratio Lower Upper
104 100
78 49.5 37.4 56.0
103 55.4 43.8 65.6





#71

Bromoform

Concen: 18.45 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tgt Ion:173 Resp: 42749

Ion Ratio Lower Upper

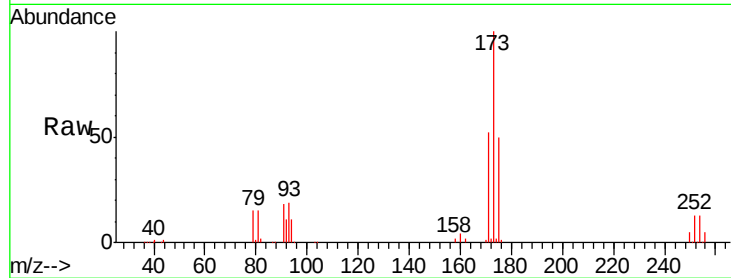
173 100

175 48.9 24.1 72.3

254 0.1 0.2 0.2#

Manual Integrations
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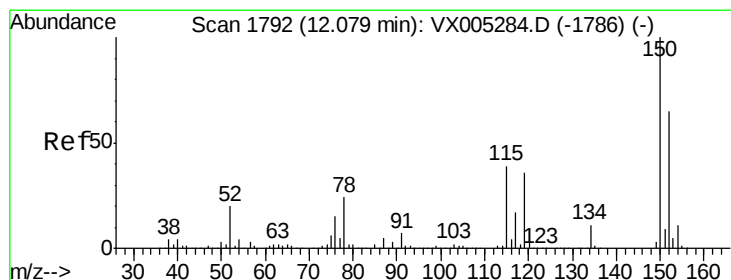
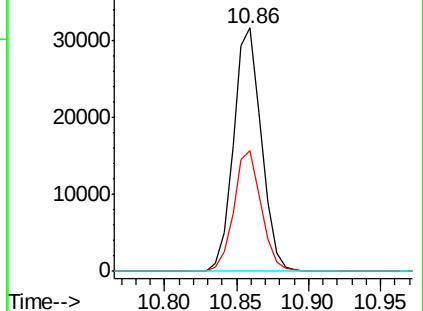
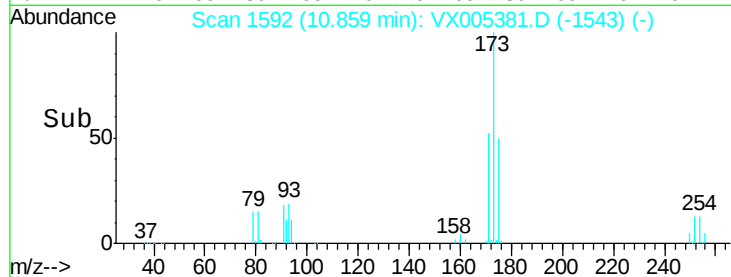
MMDadoda
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

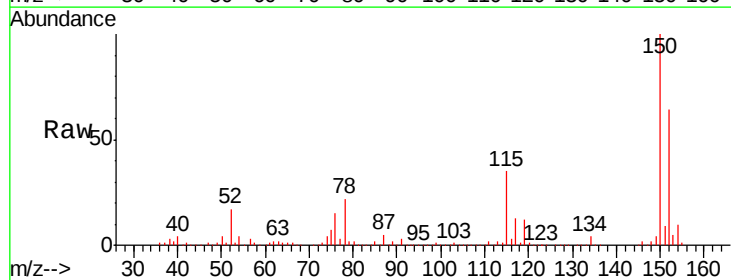
Tgt Ion:152 Resp: 194540

Ion Ratio Lower Upper

152 100

115 63.4 39.0 117.0

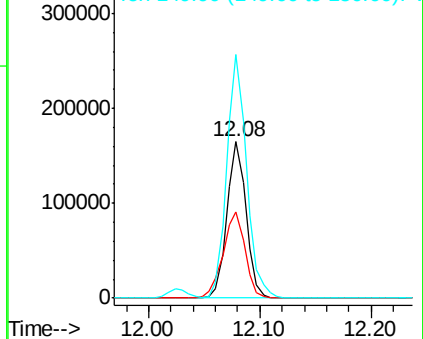
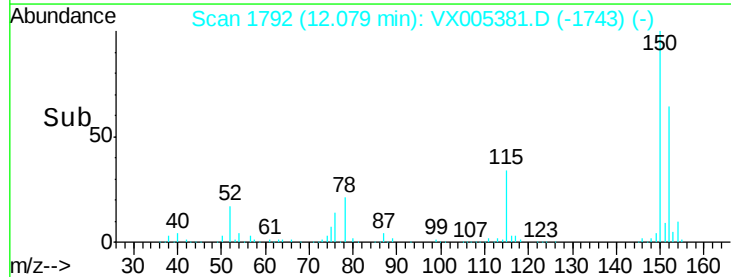
150 162.6 0.0 351.0

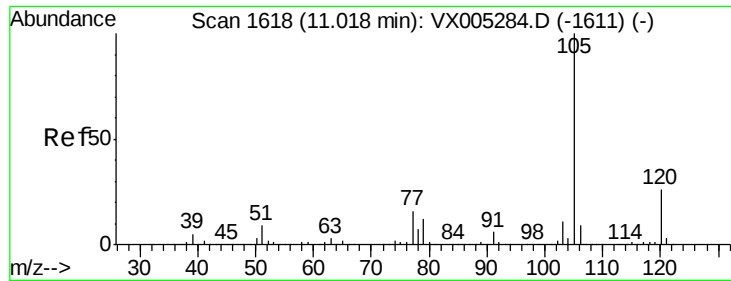


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.28 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tgt Ion: 105 Resp: 234577

Ion Ratio Lower Upper

105 100

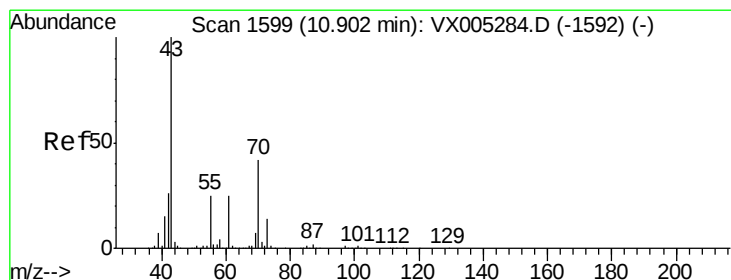
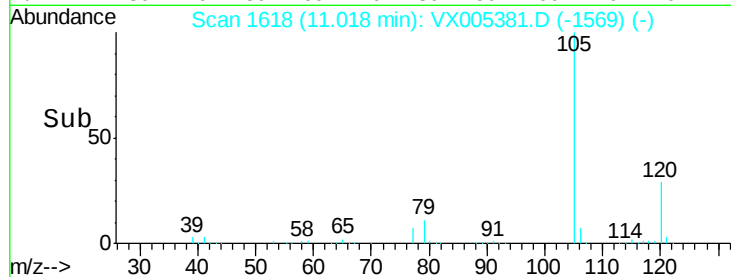
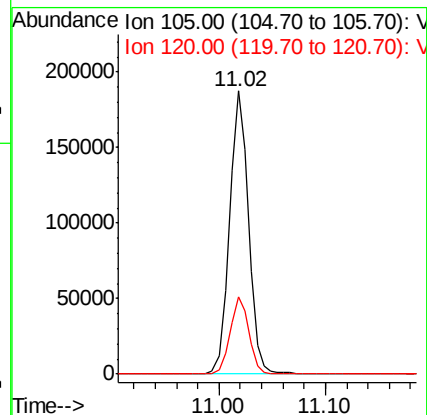
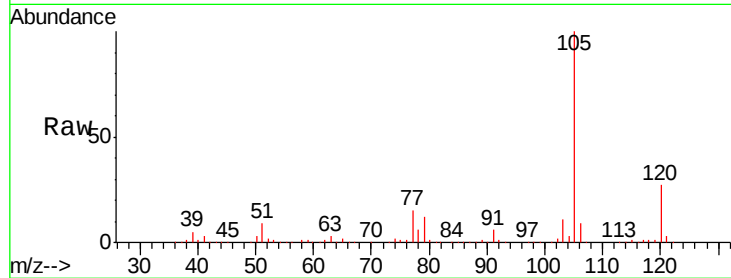
120 27.1 13.5 40.4

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#74

N-ethyl acetate

Concen: 18.82 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Tgt Ion: 43 Resp: 105003

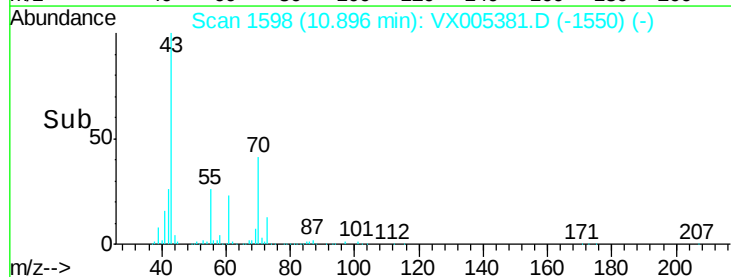
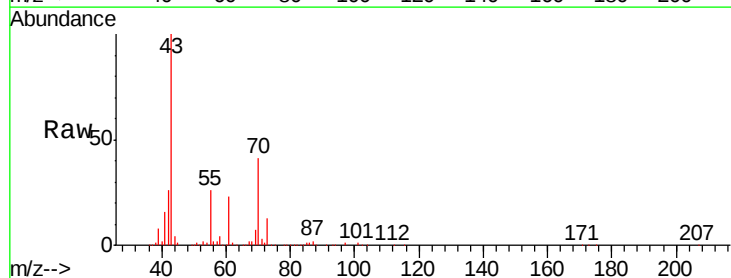
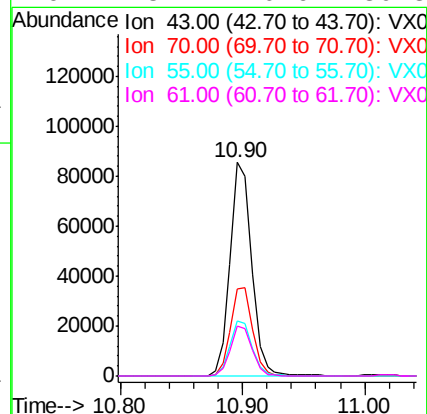
Ion Ratio Lower Upper

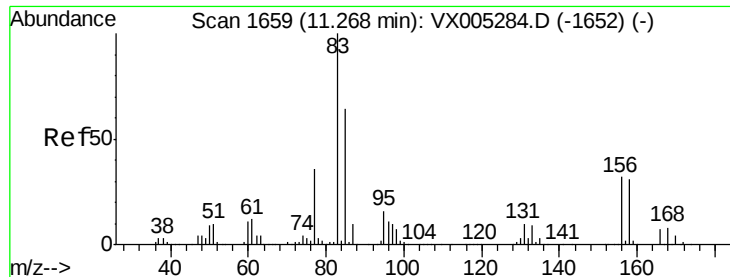
43 100

70 42.2 37.4 56.0

55 26.6 21.8 32.8

61 23.4 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.03 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tgt Ion: 83 Resp: 83002

Ion Ratio Lower Upper

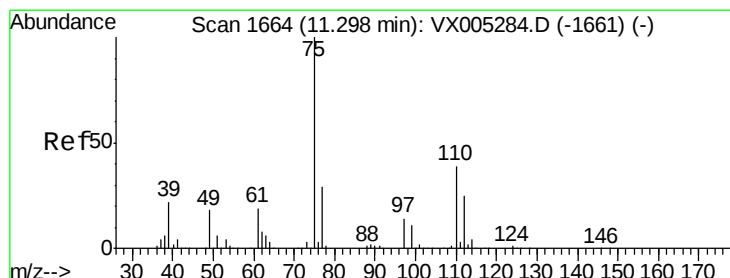
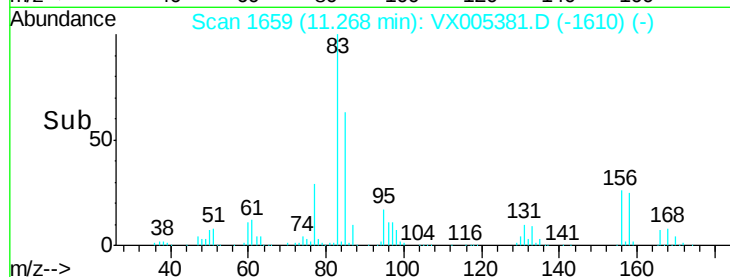
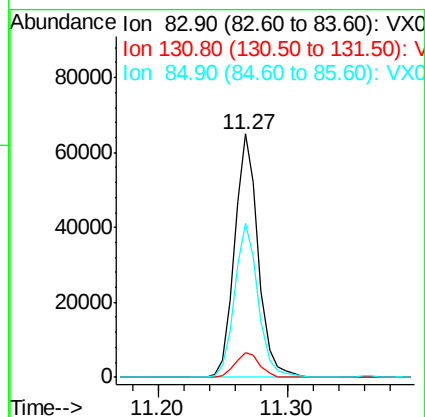
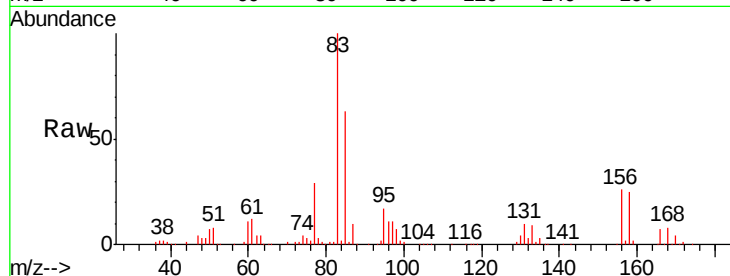
83 100

131 10.7 5.2 15.6

85 63.2 32.3 96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 23.25 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005381.D

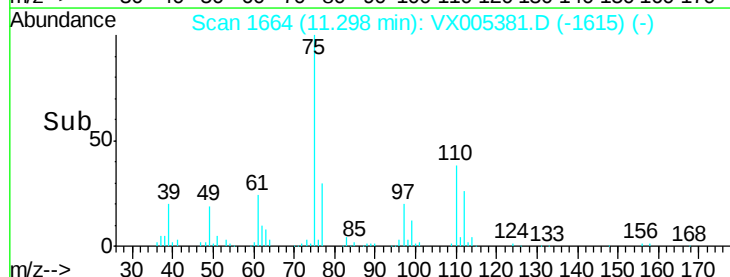
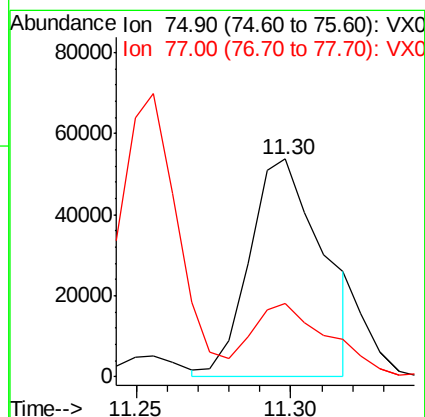
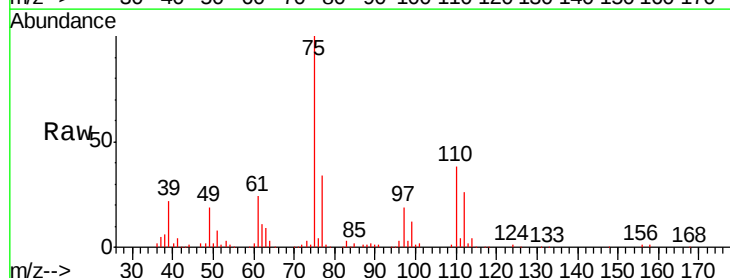
Acq: 17 Oct 2018 09:31

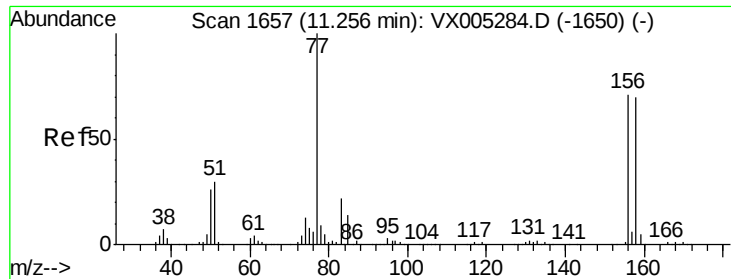
Tgt Ion: 75 Resp: 87734

Ion Ratio Lower Upper

75 100

77 35.3 20.2 60.6





#77

Bromobenzene

Concen: 19.45 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA_X

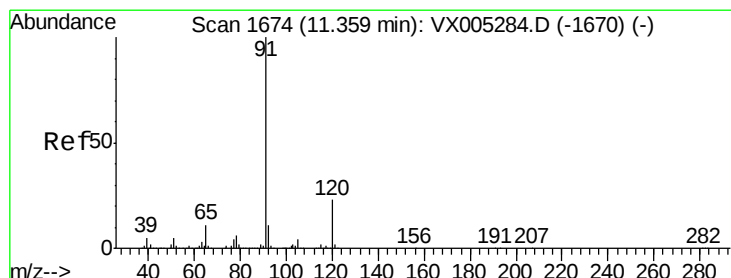
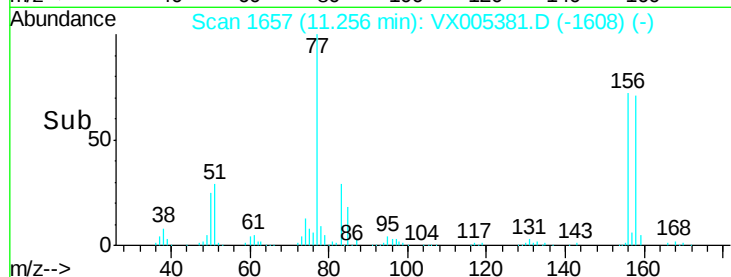
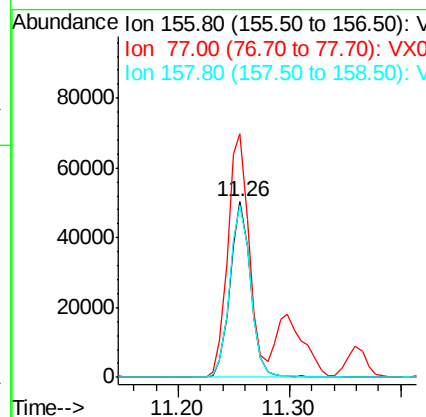
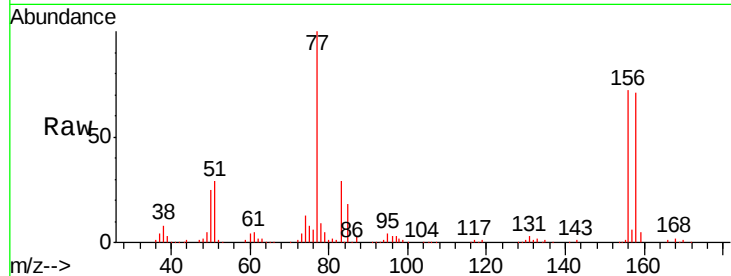
ClientSampleId :

VX1017MBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	144.1	71.5	214.3
158	99.9	48.9	146.8

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#78

n-propylbenzene

Concen: 20.21 ug/l

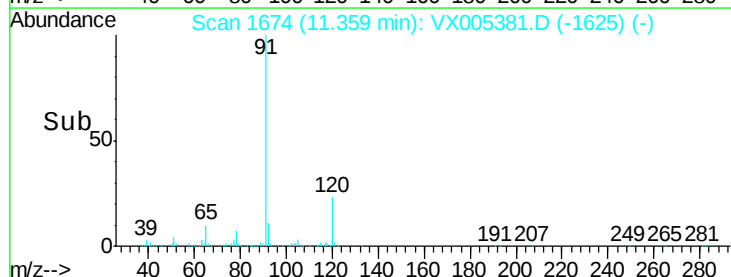
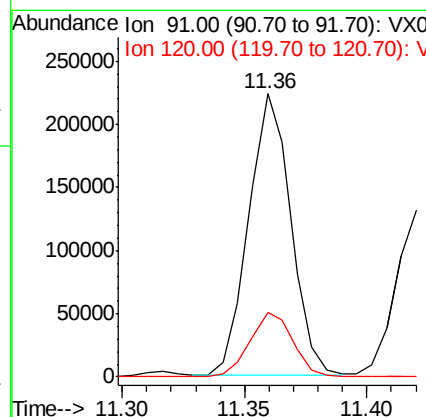
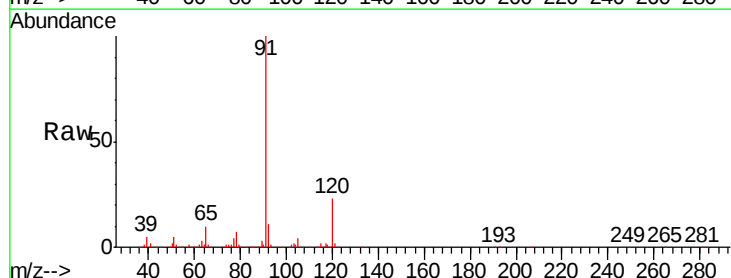
RT: 11.36 min Scan# 1674

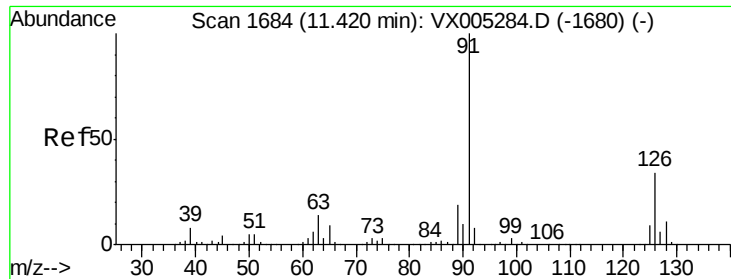
Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.9	35.9





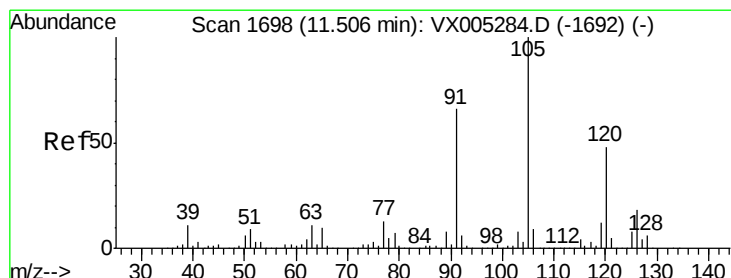
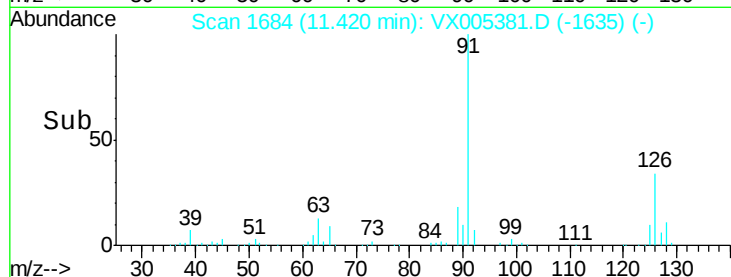
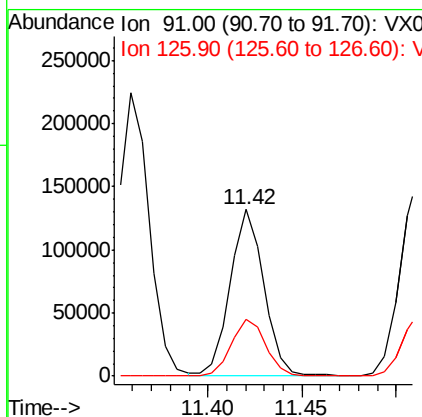
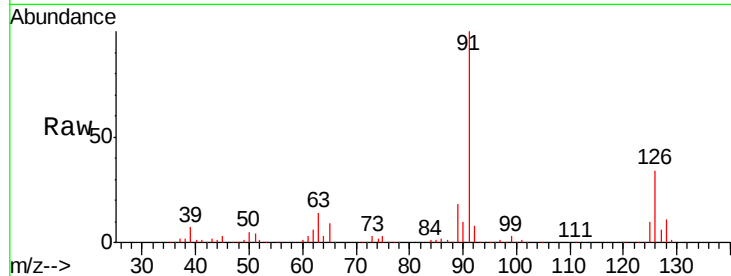
#79
 2-Chlorotoluene
 Concen: 19.88 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX005381.D
 Acq: 17 Oct 2018 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBS01

Tgt Ion: 91 Resp: 162037
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.9 53.7

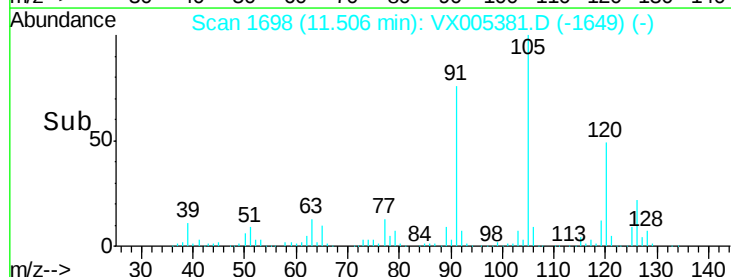
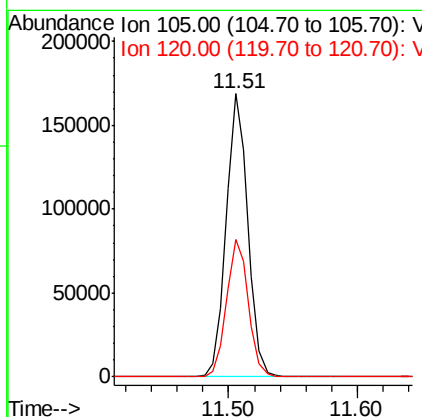
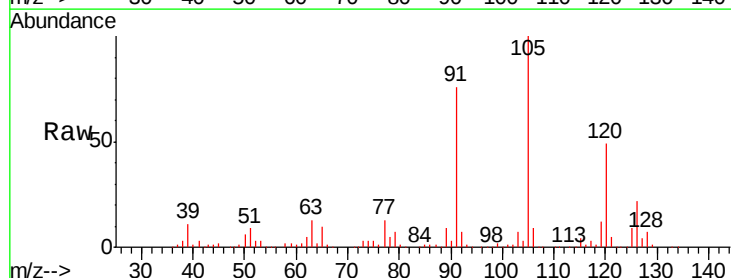
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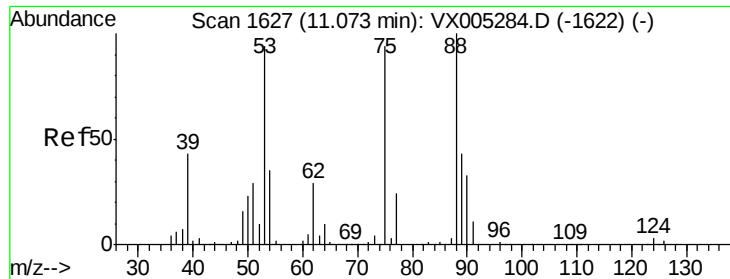
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.19 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005381.D
 Acq: 17 Oct 2018 09:31

Tgt Ion: 105 Resp: 199903
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.52 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tgt Ion: 75 Resp: 22996

Ion Ratio Lower Upper

75 100

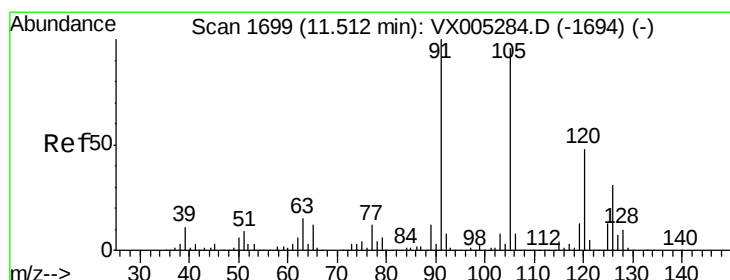
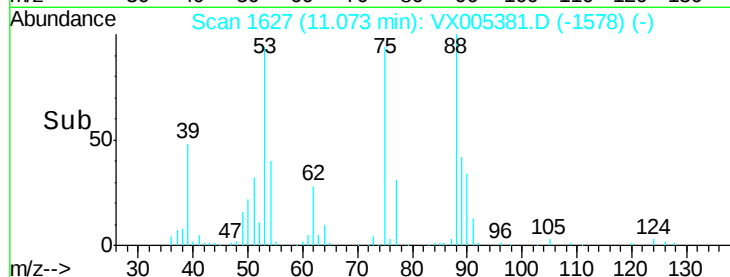
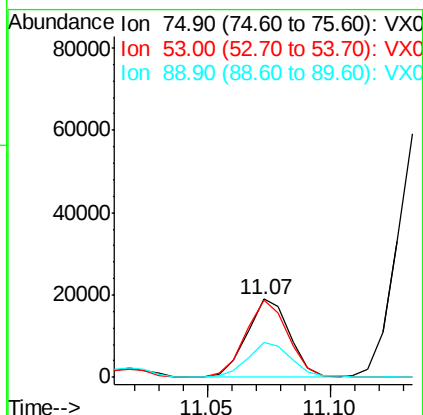
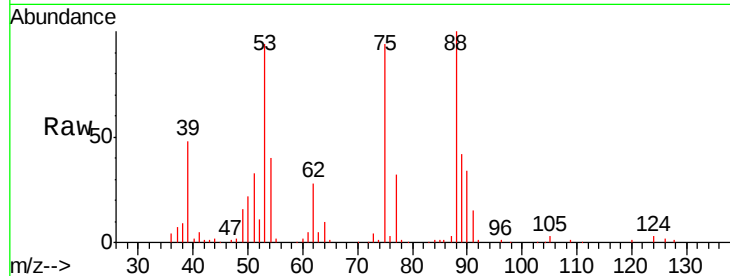
53 98.8 80.1 120.1

89 47.2 37.2 55.8

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#82

4-Chlorotoluene

Concen: 19.76 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005381.D

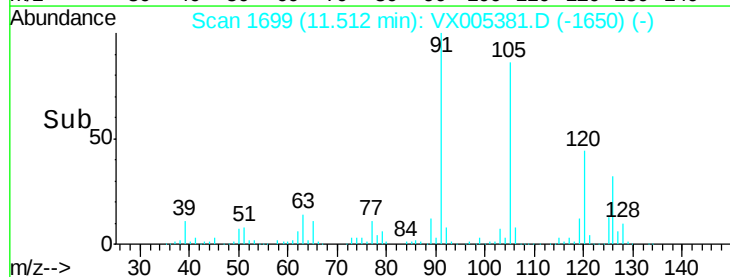
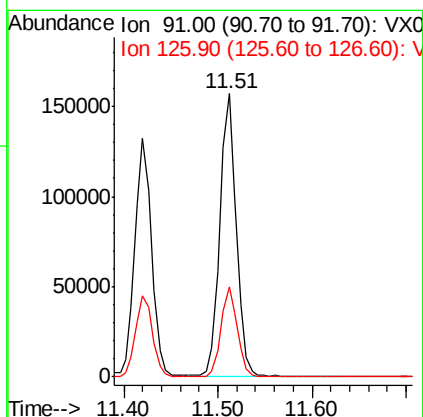
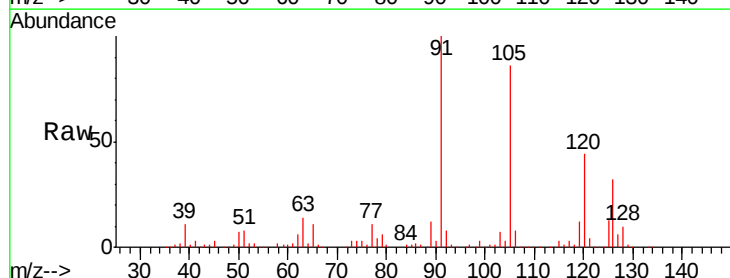
Acq: 17 Oct 2018 09:31

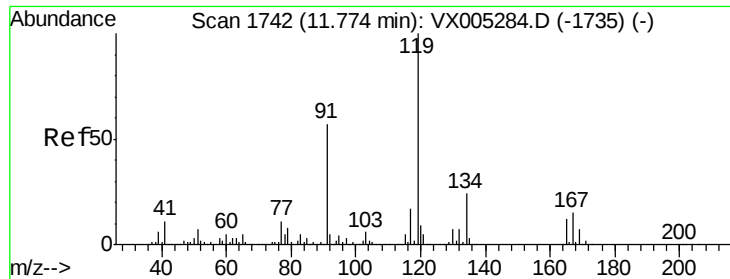
Tgt Ion: 91 Resp: 190898

Ion Ratio Lower Upper

91 100

126 31.4 15.5 46.5





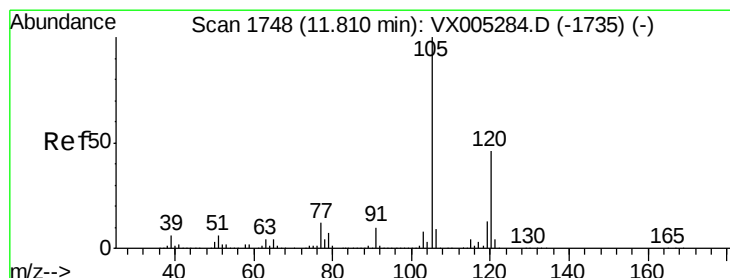
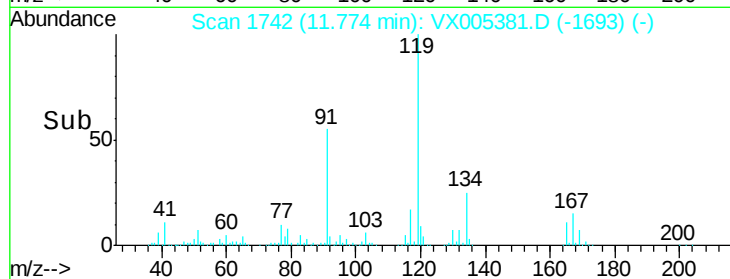
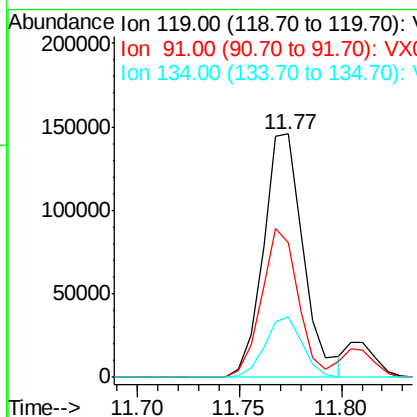
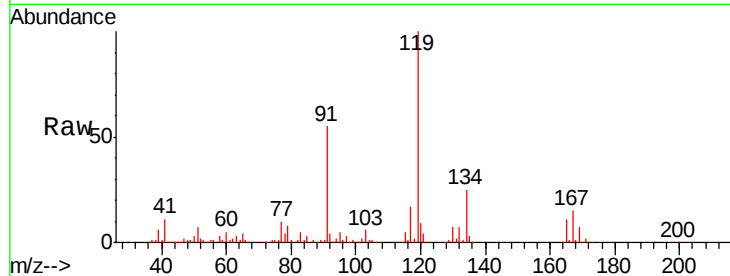
#83
 tert-Butylbenzene
 Concen: 19.88 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005381.D
 Acq: 17 Oct 2018 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	199385		
91	55.9	27.0	81.0	
134	23.2	11.7	35.1	

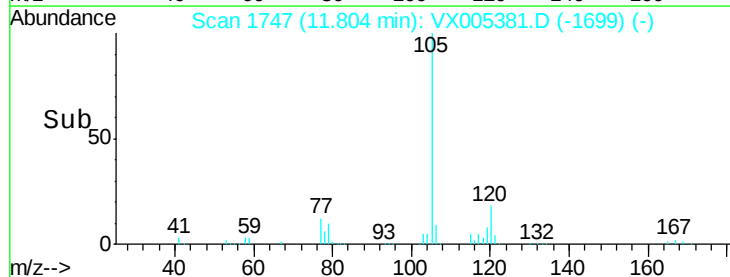
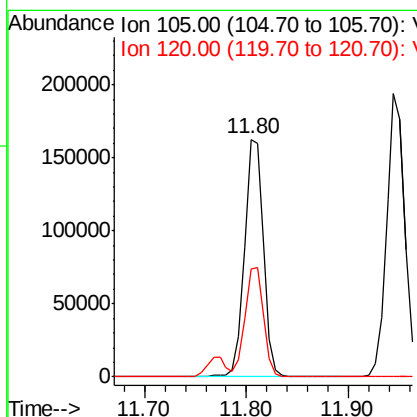
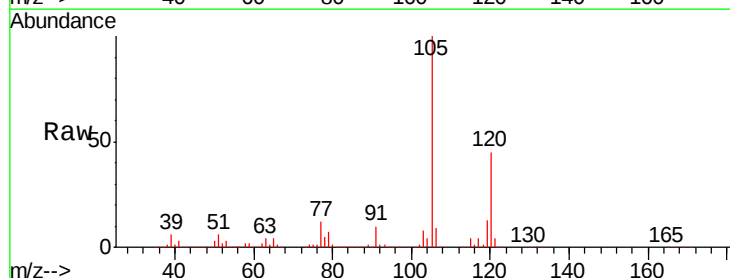
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.36 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX005381.D
 Acq: 17 Oct 2018 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	207545		
120	45.2	23.2	69.6	





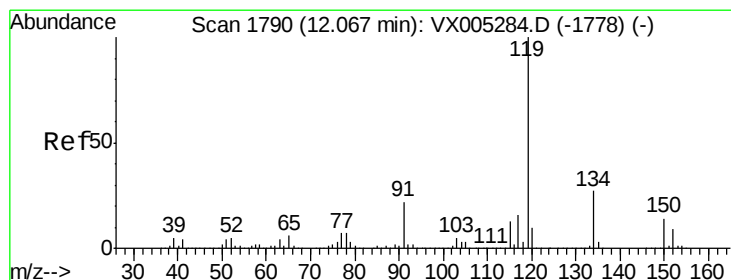
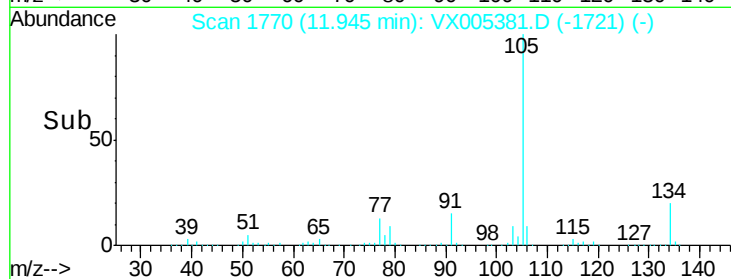
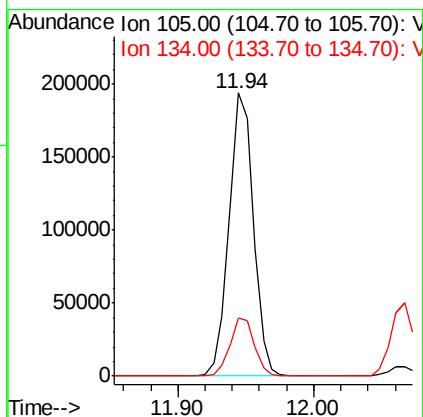
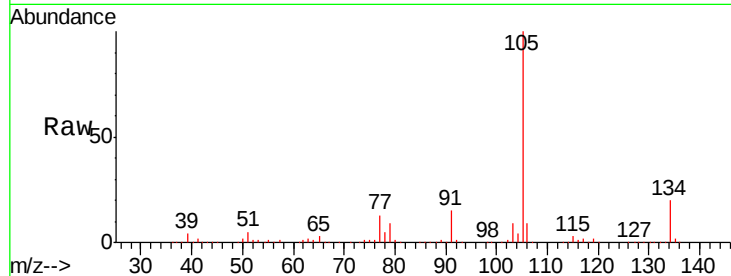
#85
 sec-Butylbenzene
 Concen: 20.34 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005381.D
 Acq: 17 Oct 2018 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBS01

Tgt Ion:105 Resp: 241349
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.5 31.5

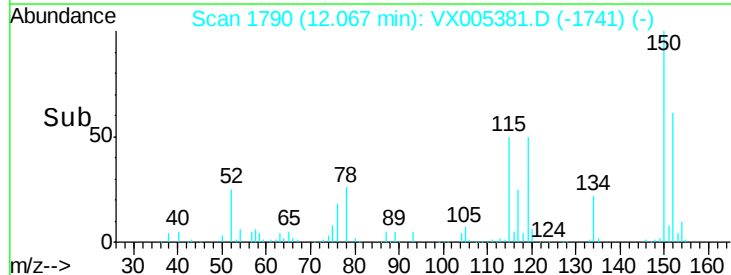
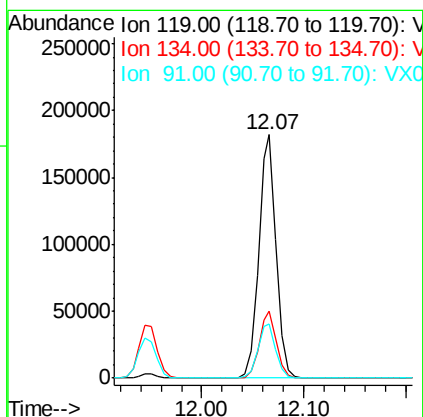
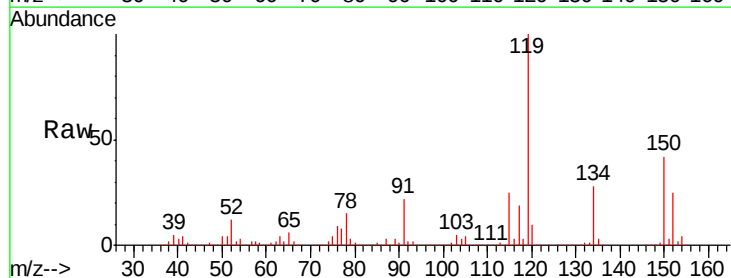
Manual Integrations
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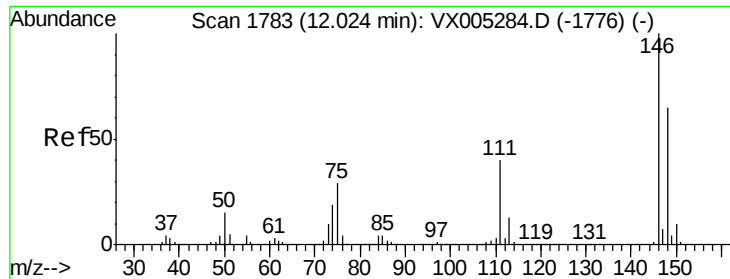
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#86
 p-Isopropyltoluene
 Concen: 20.20 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005381.D
 Acq: 17 Oct 2018 09:31

Tgt Ion:119 Resp: 216709
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.2
 91 23.3 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 19.65 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA_X

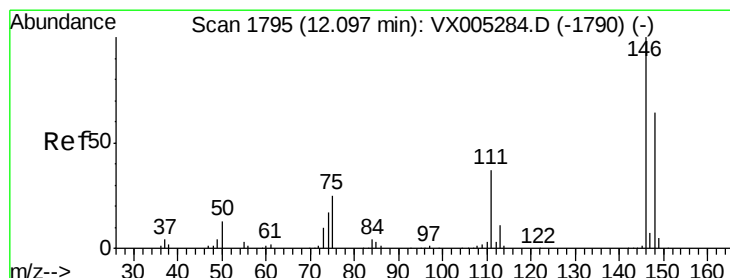
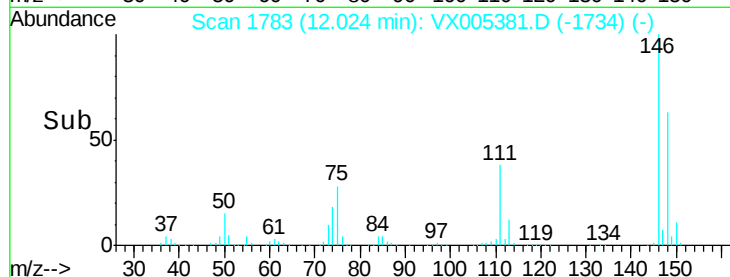
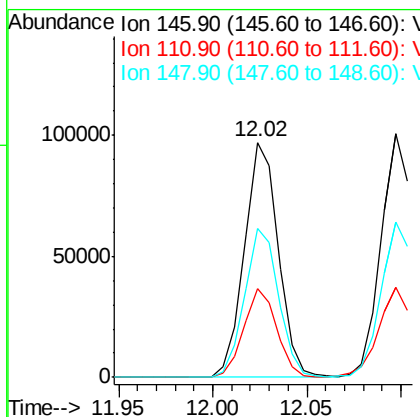
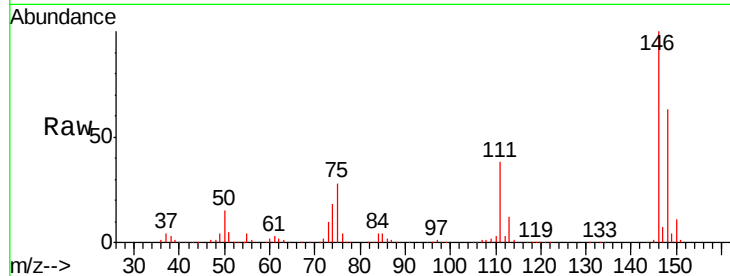
ClientSampleId :

VX1017MBS01

Tgt Ion:	146	Resp:	121391
Ion Ratio	Lower	Upper	
146	100		
111	37.0	18.7	56.1
148	63.5	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 19.29 ug/l

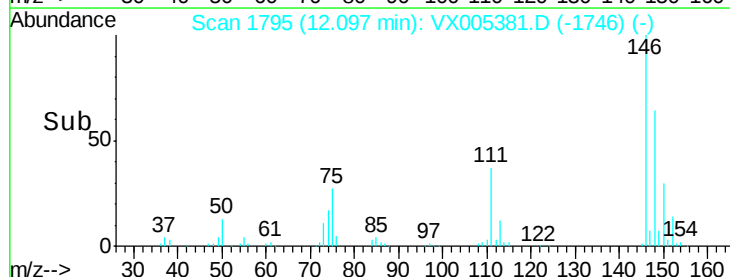
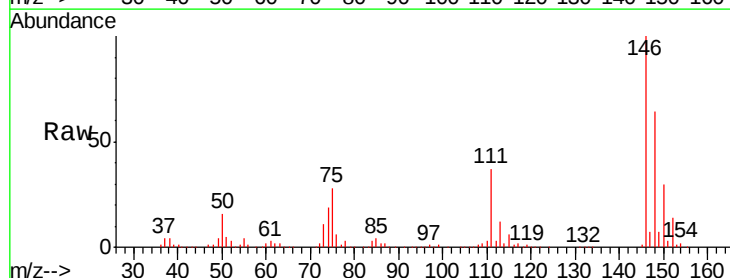
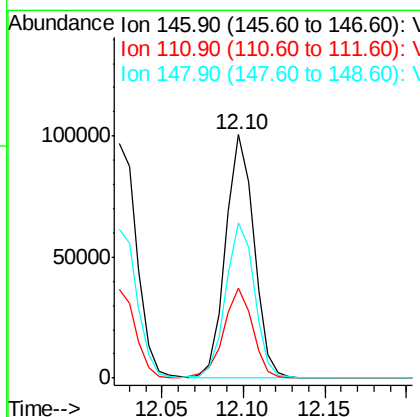
RT: 12.10 min Scan# 1795

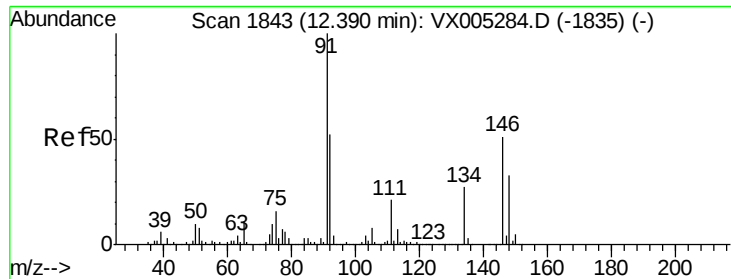
Delta R.T. -0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Tgt Ion:	146	Resp:	121922
Ion Ratio	Lower	Upper	
146	100		
111	37.7	18.1	54.1
148	65.0	32.0	96.0





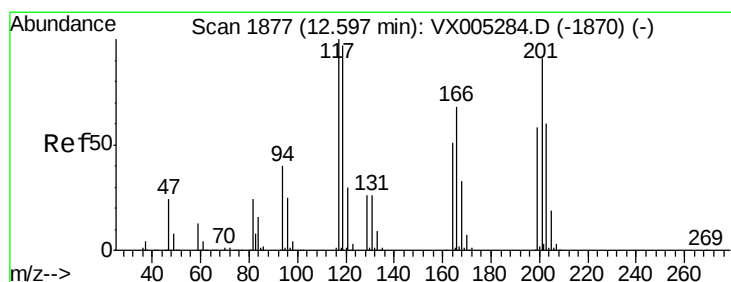
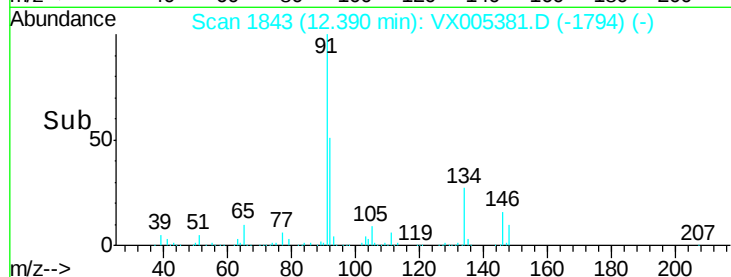
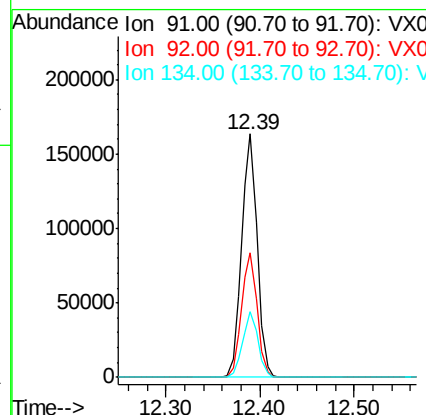
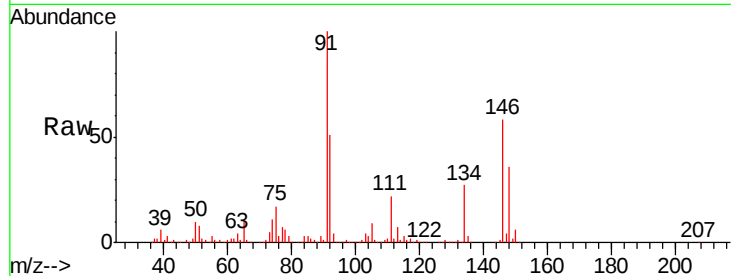
#89
n-Butylbenzene
Concen: 19.19 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.3	27.3	81.9
134	26.5	13.6	40.7

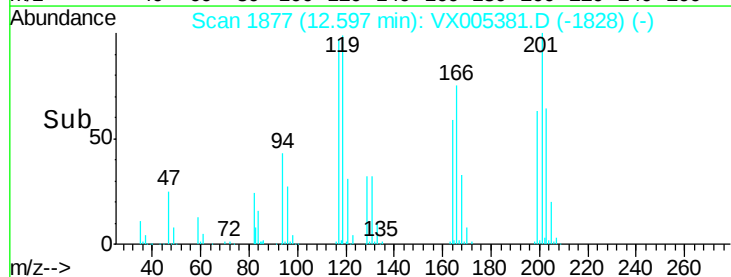
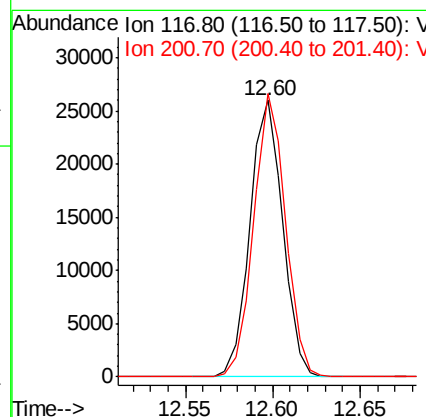
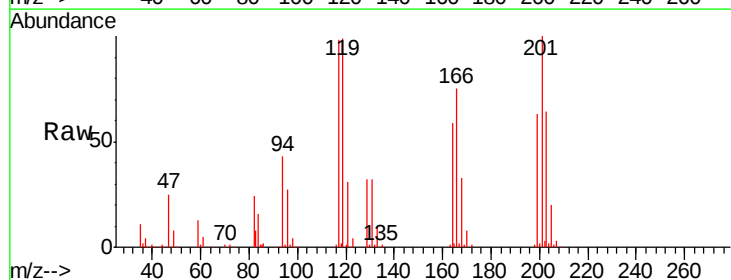
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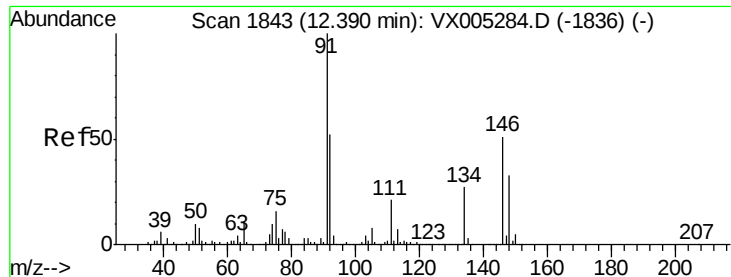
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#90
Hexachloroethane
Concen: 18.24 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	99.5	46.9	140.6





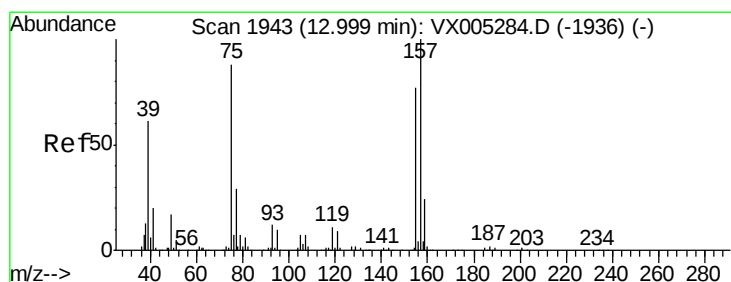
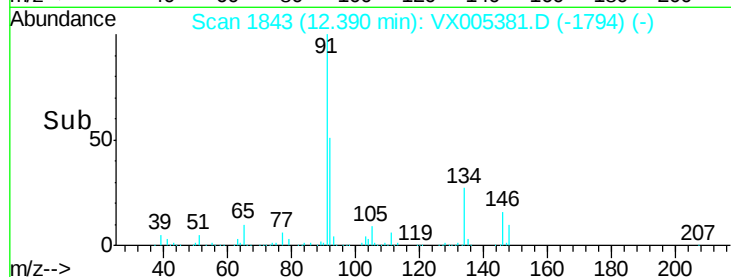
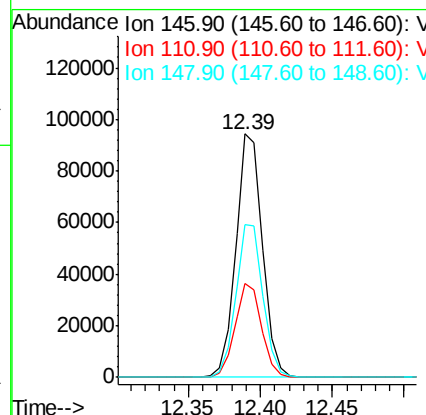
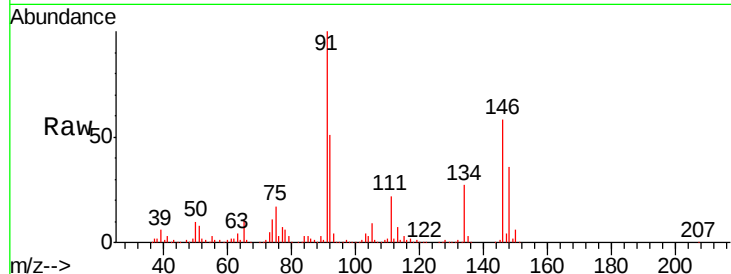
#91
 1,2-Dichlorobenzene
 Concen: 19.37 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX005381.D
 Acq: 17 Oct 2018 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.1
148	63.5	32.8	98.3

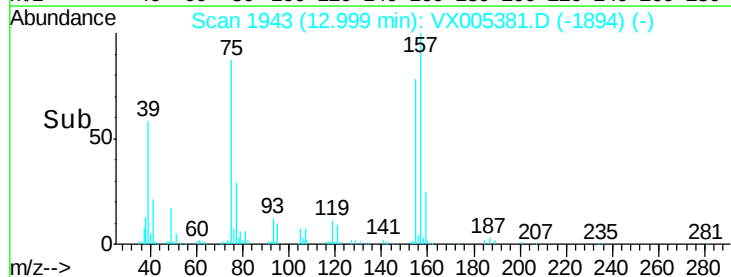
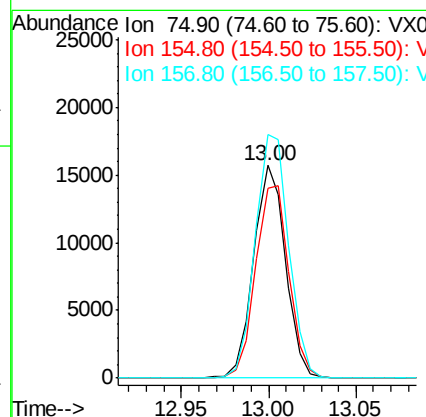
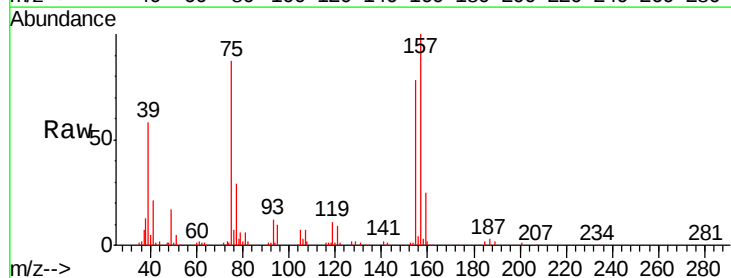
Manual Integrations
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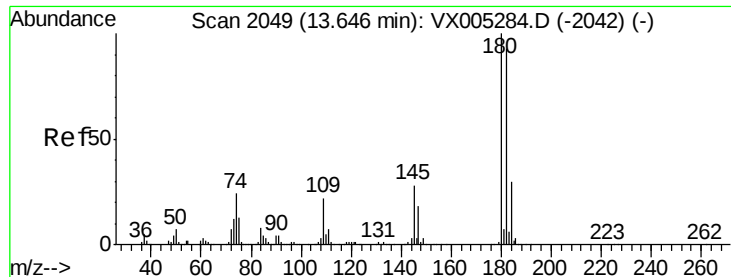
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.71 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005381.D
 Acq: 17 Oct 2018 09:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.8	48.0	144.2
157	120.3	61.4	184.1





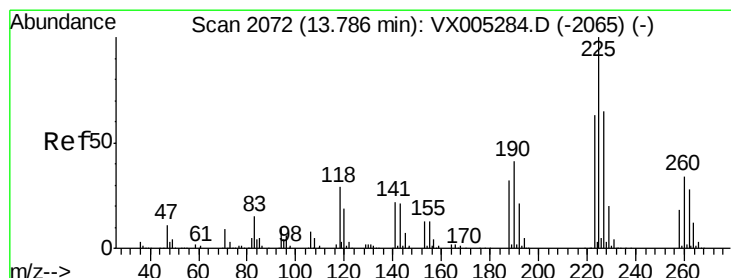
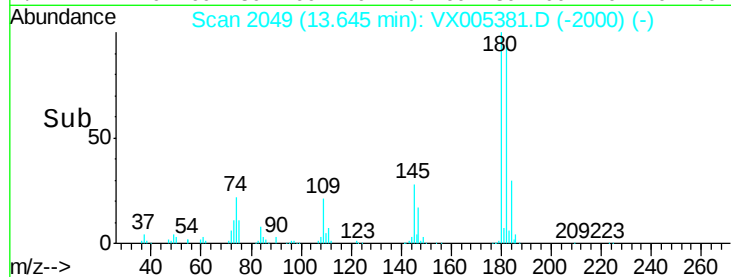
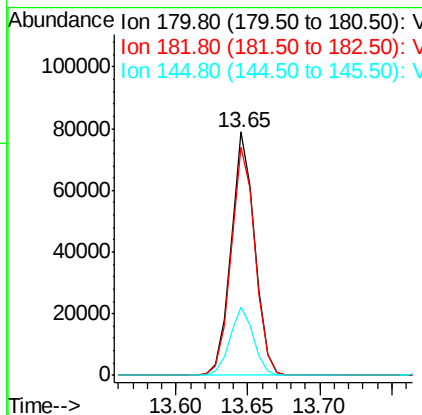
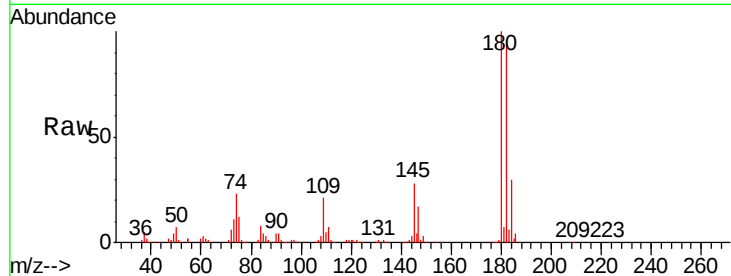
#93
 1,2,4-Trichlorobenzene
 Concen: 19.63 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005381.D
 Acq: 17 Oct 2018 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	90822		
182	95.3	48.4	145.0	
145	27.9	14.3	42.9	

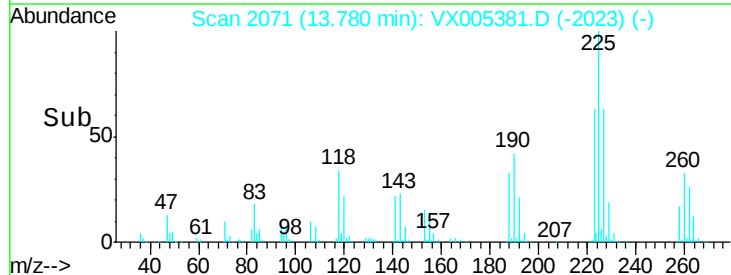
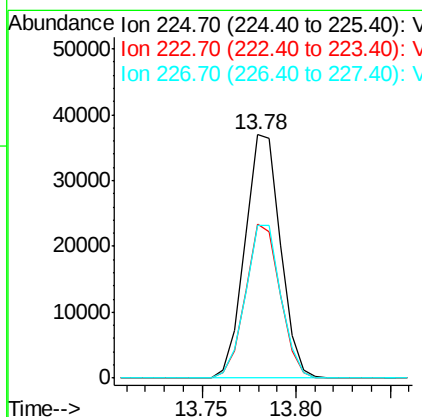
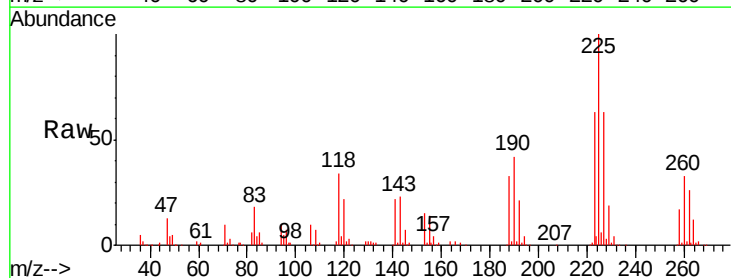
Manual Integrations
 APPROVED

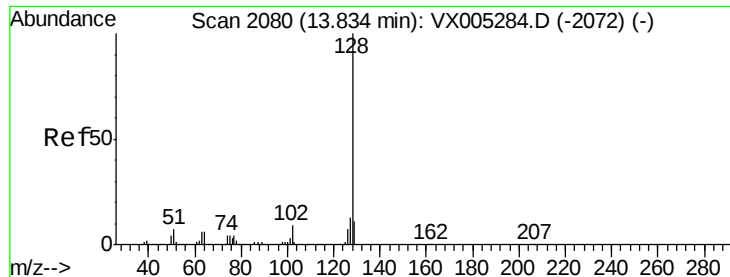
MMDadoda
 10/19/2018 12:23:11 PM



#94
 Hexachlorobutadiene
 Concen: 19.79 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005381.D
 Acq: 17 Oct 2018 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	48344		
223	61.8	30.1	90.5	
227	62.7	30.8	92.4	





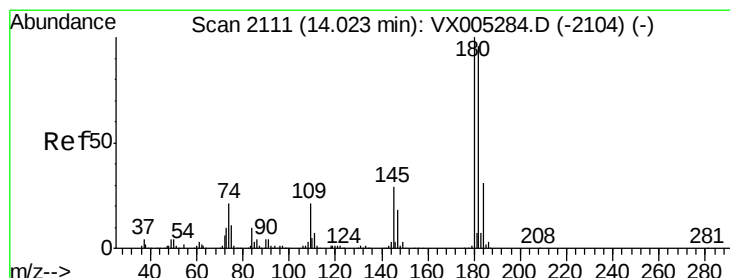
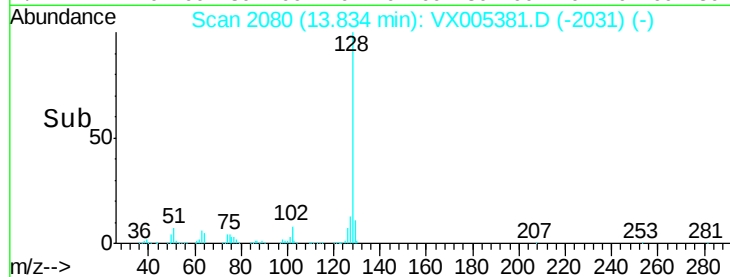
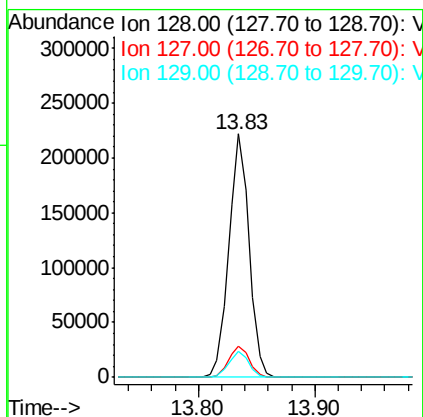
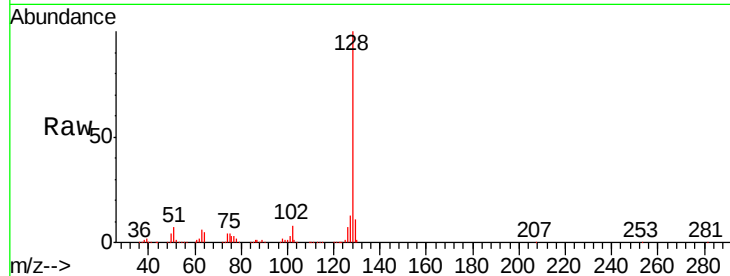
#95
Naphthalene
Concen: 19.96 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.7	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/19/2018 12:23:11 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.01 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005381.D
Acq: 17 Oct 2018 09:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.5	145.6
145	29.0	14.9	44.9

