

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX101218\
 Data File : VX005284.D
 Acq On : 12 Oct 2018 10:05
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:04:30 AM

Quant Time: Oct 12 09:45:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 10:42:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	292232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	416057	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203728	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	151911	40.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.64%	
35) Dibromofluoromethane	5.50	113	129422	33.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.98%	
50) Toluene-d8	8.71	98	451325	35.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.70%	
62) 4-Bromofluorobenzene	11.14	95	166329	36.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	125877	45.961	ug/l	95
3) Chloromethane	1.32	50	162988	43.242	ug/l	93
4) Vinyl Chloride	1.40	62	158870	41.067	ug/l	95
5) Bromomethane	1.64	94	94490	51.184	ug/l	92
6) Chloroethane	1.71	64	100969	40.360	ug/l	100
7) Trichlorofluoromethane	1.92	101	219392	42.779	ug/l	89
8) Diethyl Ether	2.19	74	90884	39.529	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	2.38	101	128947	39.635	ug/l	96
10) Methyl Iodide	2.51	142	145554	40.679	ug/l	100
11) Tert butyl alcohol	3.08	59	217971	242.429	ug/l	99
12) 1,1-Dichloroethene	2.37	96	124295	40.706	ug/l	94
13) Acrolein	2.29	56	149416	420.986	ug/l	96
14) Allyl chloride	2.72	41	280097	44.619	ug/l	94
15) Acrylonitrile	3.15	53	474807	219.293	ug/l	99
16) Acetone	2.45	43	454767	247.277	ug/l	94
17) Carbon Disulfide	2.57	76	365133	41.370	ug/l	98
18) Methyl Acetate	2.78	43	258993	50.195	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	446679	41.691	ug/l	97
20) Methylene Chloride	2.85	84	144282	38.244	ug/l	86
21) trans-1,2-Dichloroethene	3.16	96	131349	38.928	ug/l	97
22) Diisopropyl ether	3.87	45	480104	42.463	ug/l	89
23) Vinyl Acetate	3.82	43	2026002	221.432	ug/l	95
24) 1,1-Dichloroethane	3.69	63	253199	39.666	ug/l	98
25) 2-Butanone	4.71	43	692913	236.735	ug/l	97
26) 2,2-Dichloropropane	4.58	77	187505	42.768	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	143693	38.150	ug/l	97
28) Bromochloromethane	5.02	49	120653	41.322	ug/l	94
29) Tetrahydrofuran	5.15	42	456077	258.382	ug/l	89
30) Chloroform	5.21	83	244955	39.306	ug/l	96
31) Cyclohexane	5.57	56	228423	41.908	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	211938	42.225	ug/l	99
36) 1,1-Dichloropropene	5.80	75	193019	38.213	ug/l	98
37) Ethyl Acetate	4.87	43	244603	42.578	ug/l	98
38) Carbon Tetrachloride	5.78	117	191578	38.831	ug/l	95

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Quant Time: Oct 12 09:45:49 2018
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	211454	40.116	ug/l	95
40) Benzene	6.15	78	598722	39.949	ug/l	95
41) Methacrylonitrile	5.06	41	133774	42.263	ug/l	94
42) 1,2-Dichloroethane	6.20	62	201880	40.614	ug/l	98
43) Isopropyl Acetate	6.47	43	336731	44.131	ug/l	96
44) Trichloroethene	7.21	130	146986	37.750	ug/l	91
45) 1,2-Dichloropropane	7.52	63	138881	38.511	ug/l	98
46) Dibromomethane	7.66	93	94424	41.446	ug/l	96
47) Bromodichloromethane	7.90	83	171953	39.911	ug/l	99
48) Methyl methacrylate	7.78	41	180362	47.762	ug/l	94
49) 1,4-Dioxane	7.76	88	80697	902.890	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	1160631	215.540	ug/l	94
52) Toluene	8.79	92	323255	36.609	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	194852	38.716	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	208881	40.714	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	132020	34.724	ug/l	97
56) Ethyl methacrylate	9.18	69	206357	38.366	ug/l	95
57) 1,3-Dichloropropane	9.37	76	219516	35.535	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	578779	234.561	ug/l	95
59) 2-Hexanone	9.50	43	923333	223.552	ug/l	94
60) Dibromochloromethane	9.59	129	141658	39.577	ug/l	100
61) 1,2-Dibromoethane	9.67	107	139454	38.396	ug/l	98
64) Tetrachloroethene	9.34	164	140121	31.510	ug/l	98
65) Chlorobenzene	10.14	112	363855	41.127	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	134300	44.020	ug/l	98
67) Ethyl Benzene	10.26	91	621819	43.225	ug/l	99
68) m/p-Xylenes	10.36	106	489942	88.416	ug/l	95
69) o-Xylene	10.70	106	233551	43.840	ug/l	96
70) Styrene	10.71	104	395969	44.865	ug/l	97
71) Bromoform	10.86	173	117702	46.986	ug/l	98
73) Isopropylbenzene	11.02	105	635892	47.393	ug/l	99
74) N-amyl acetate	10.90	43	300110	53.141	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	216599	50.048	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	195162m	47.614	ug/l	
77) Bromobenzene	11.26	156	170961	46.099	ug/l	100
78) n-propylbenzene	11.36	91	725106	47.002	ug/l	100
79) 2-Chlorotoluene	11.42	91	432793	46.256	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	547679	48.556	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	65265	50.754	ug/l	98
82) 4-Chlorotoluene	11.51	91	514176	47.084	ug/l	100
83) tert-Butylbenzene	11.77	119	539805	50.269	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	563317	48.915	ug/l	98
85) sec-Butylbenzene	11.94	105	650519	47.538	ug/l	99
86) p-Isopropyltoluene	12.07	119	593846	49.143	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	318309	46.003	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	320506	44.829	ug/l	99
89) n-Butylbenzene	12.39	91	525785	47.748	ug/l	97
90) Hexachloroethane	12.60	117	96204	49.730	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	320613	45.780	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53751	58.166	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Oct 12 10:42:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	246996	49.808	ug/l	98
94) Hexachlorobutadiene	13.79	225	123346	47.618	ug/l	96
95) Naphthalene	13.83	128	755790	54.340	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	251698	49.405	ug/l	99

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



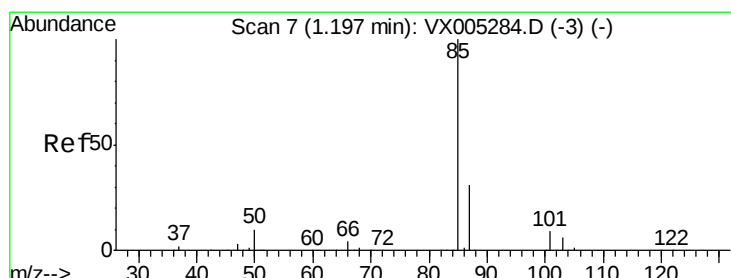
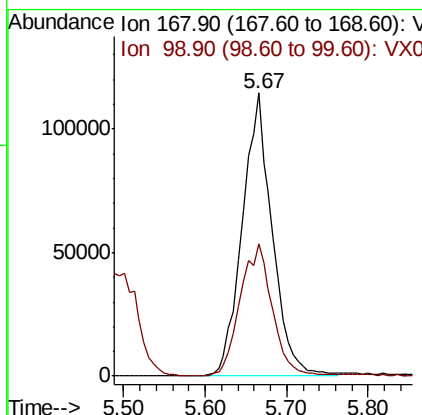
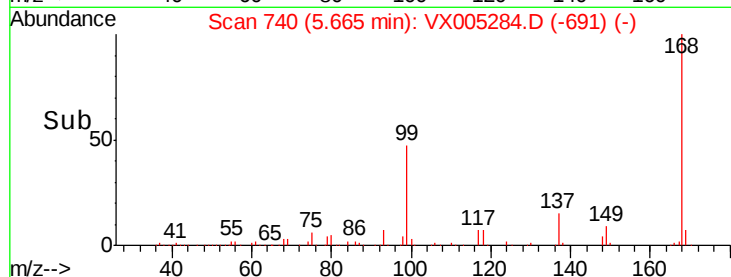
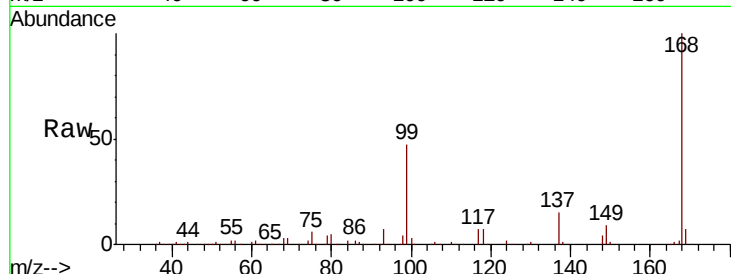
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
168	100		
99	46.7	39.9	59.9

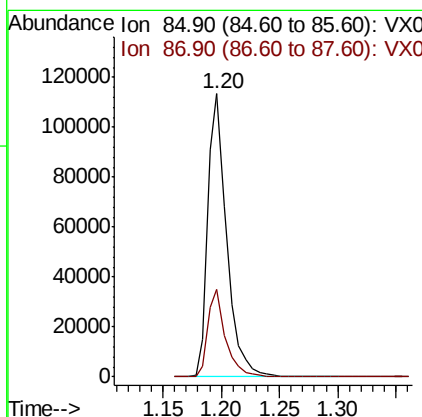
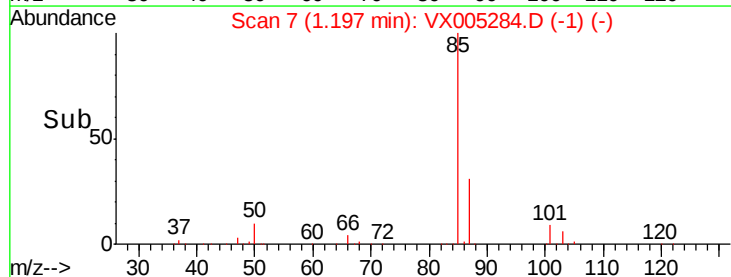
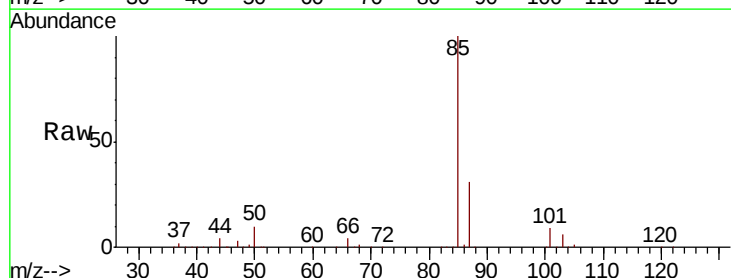
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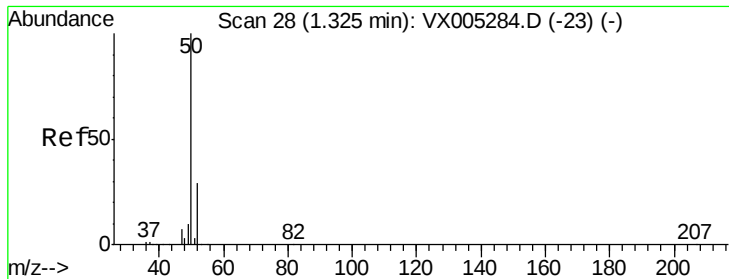
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#2
Dichlorodifluoromethane
Concen: 45.961 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.1	17.0	50.9





#3

Chloromethane

Concen: 43.242 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 162988

Ion Ratio Lower Upper

50 100

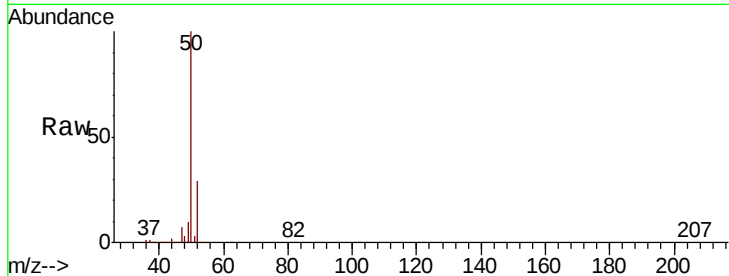
52 28.8 26.2 39.2

Manual Integrations

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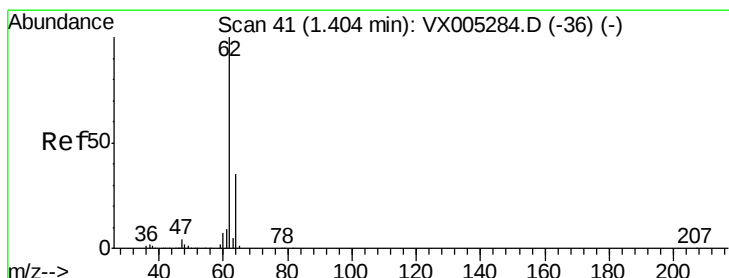
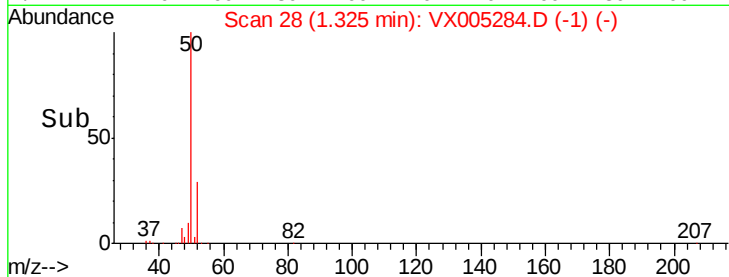
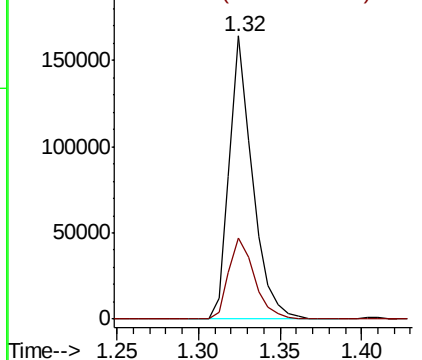
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 41.067 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005284.D

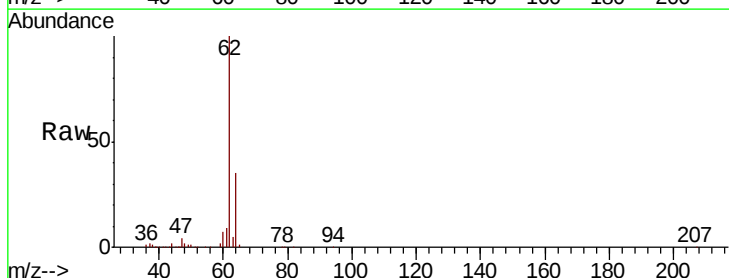
Acq: 12 Oct 2018 10:05

Tgt Ion: 62 Resp: 158870

Ion Ratio Lower Upper

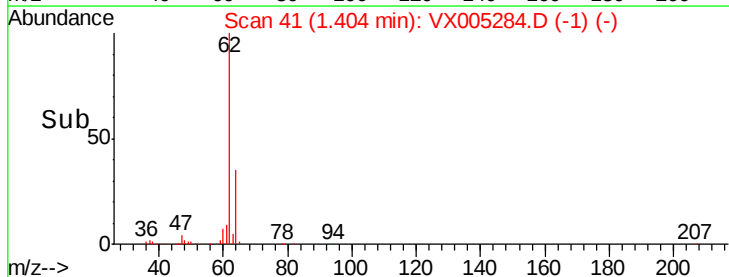
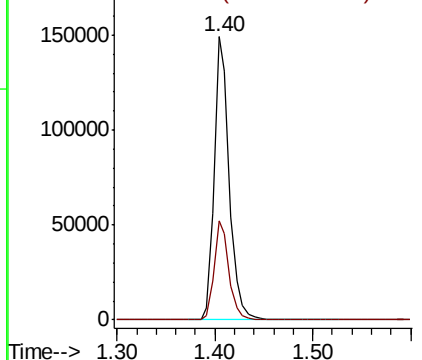
62 100

64 34.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.184 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 94 Resp: 94490

Ion Ratio Lower Upper

94 100

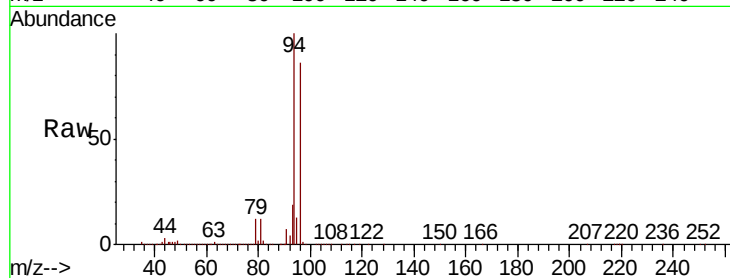
96 85.7 74.5 111.7

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

120000

100000

80000

60000

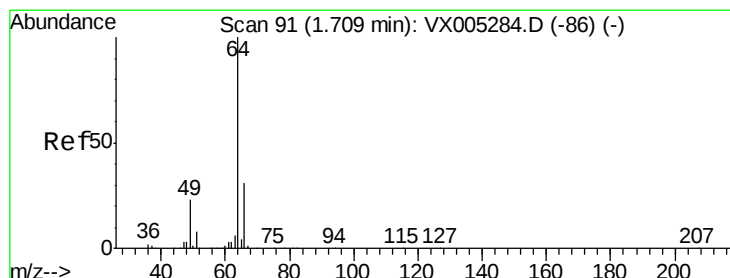
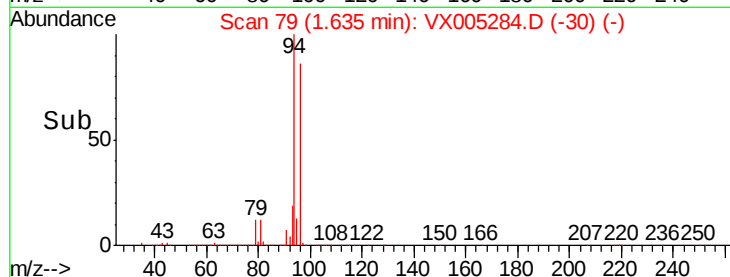
40000

20000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 40.360 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX005284.D

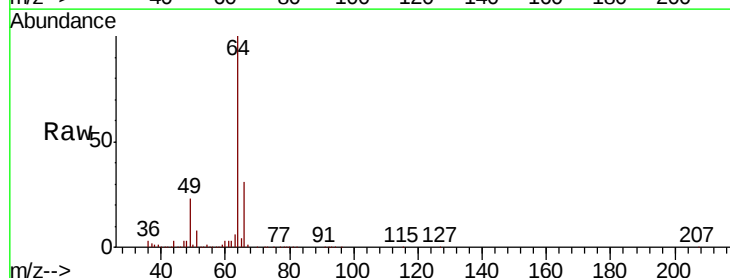
Acq: 12 Oct 2018 10:05

Tgt Ion: 64 Resp: 100969

Ion Ratio Lower Upper

64 100

66 30.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

80000

60000

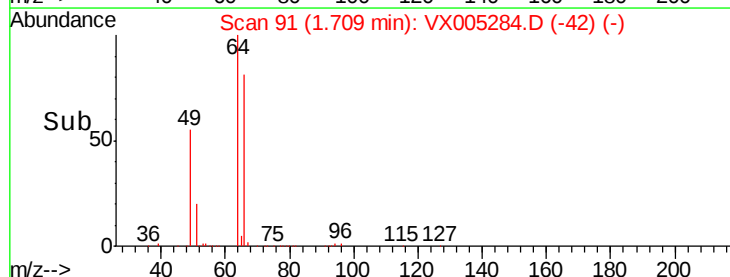
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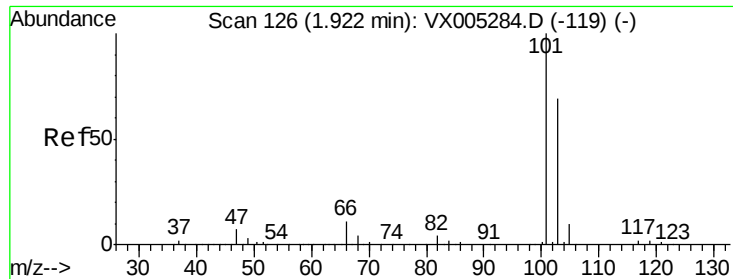
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1.65 1.70 1.75 1.80

Time-->





#7

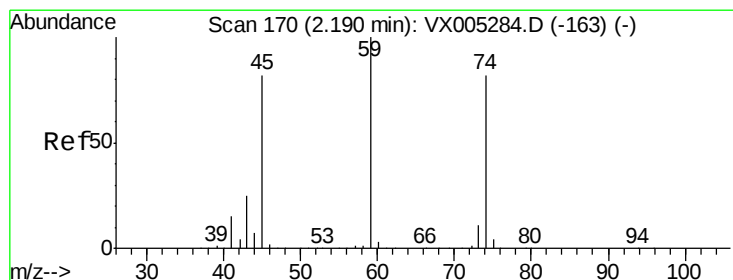
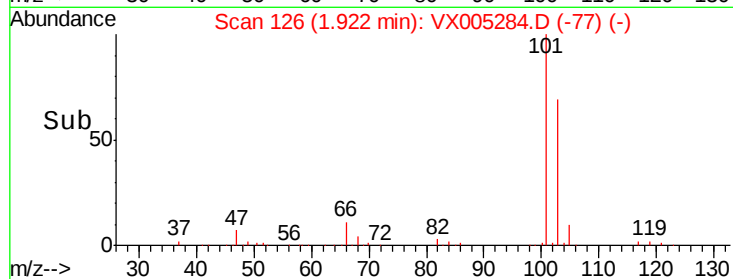
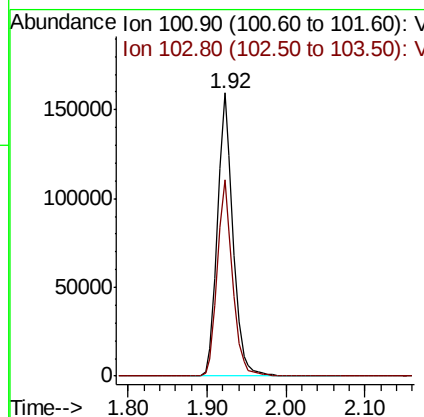
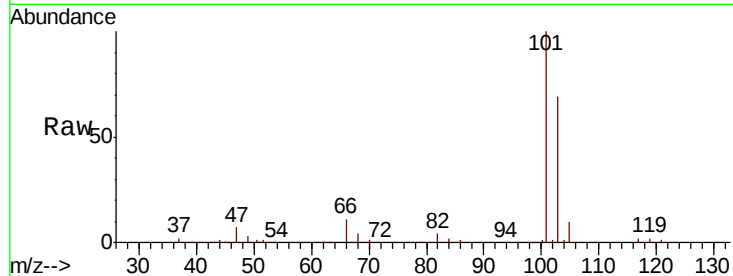
Trichlorofluoromethane
 Concen: 42.779 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX005284.D
 Acq: 12 Oct 2018 10:05

Instrument :
 MSVOA_X
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 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	219392		
103	69.4	48.9	73.3	

Manual Integrations
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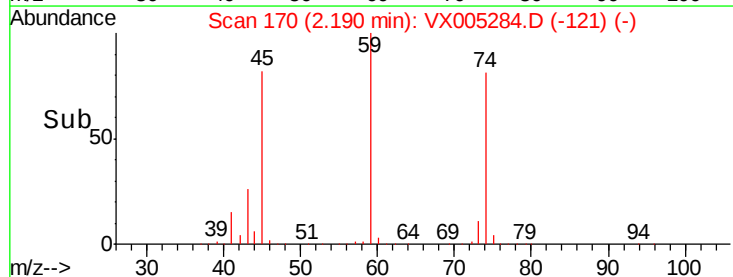
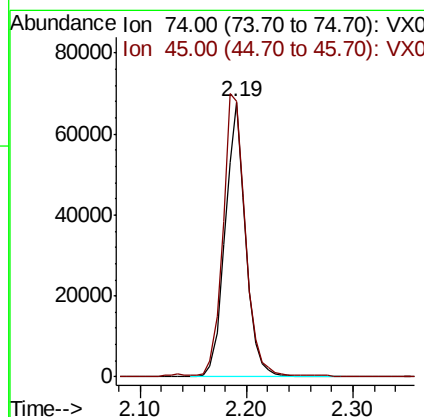
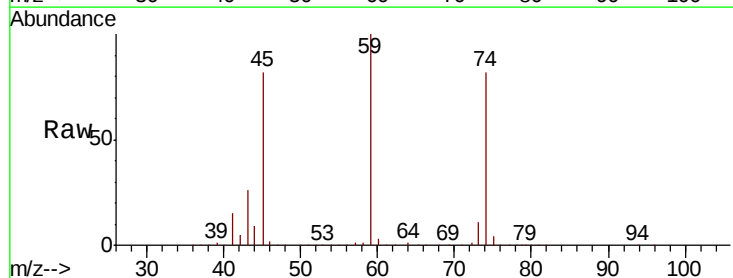
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#8

Diethyl Ether
 Concen: 39.529 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005284.D
 Acq: 12 Oct 2018 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	90884		
45	112.0	48.3	144.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 39.635 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:101 Resp: 128947
Ion Ratio Lower Upper

101 100

85 43.8 34.2 51.4

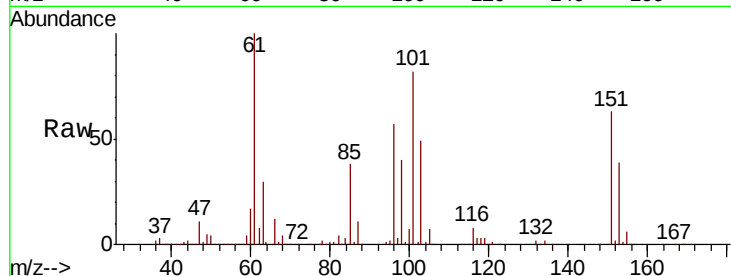
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Manual Integrations

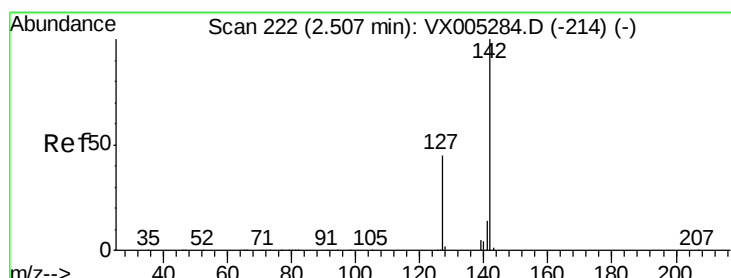
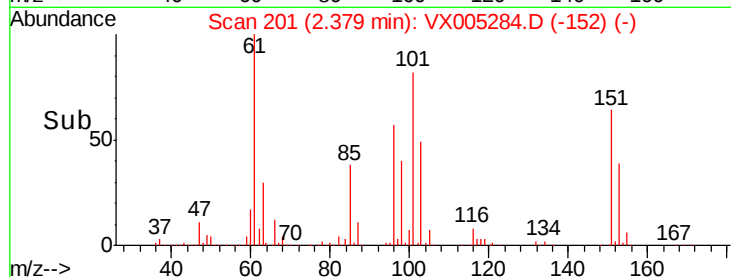
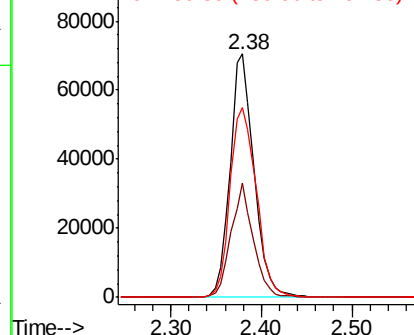
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.679 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005284.D

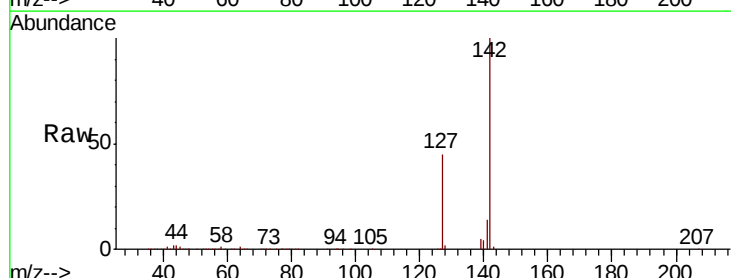
Acq: 12 Oct 2018 10:05

Tgt Ion:142 Resp: 145554
Ion Ratio Lower Upper

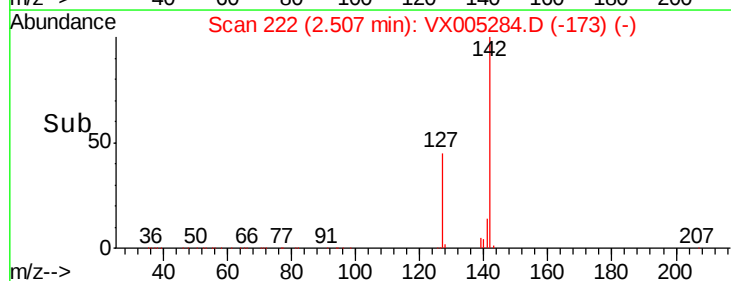
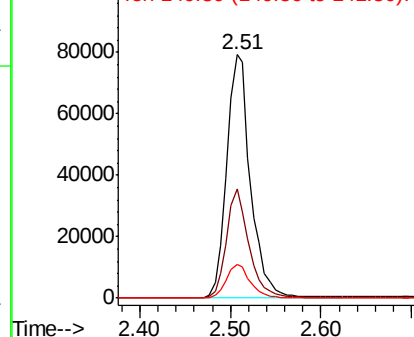
142 100

127 42.2 33.8 50.6

141 13.8 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

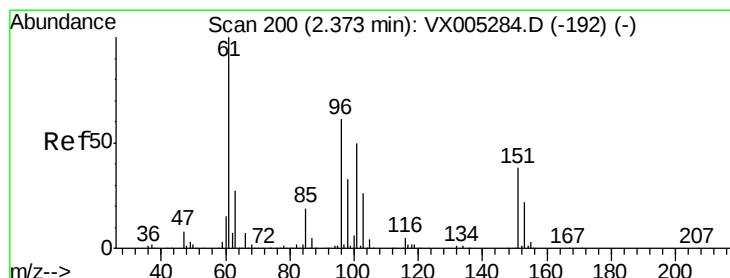
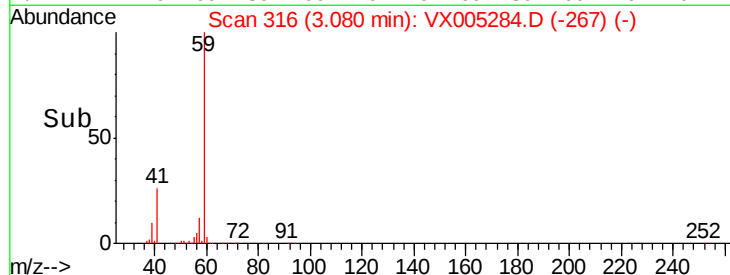
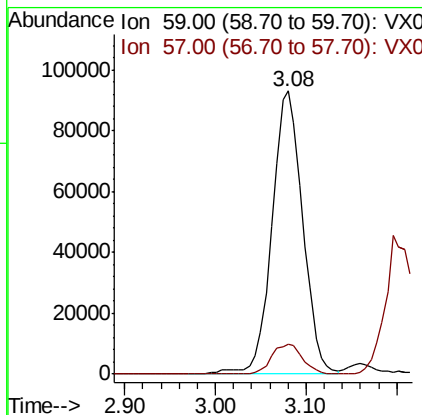
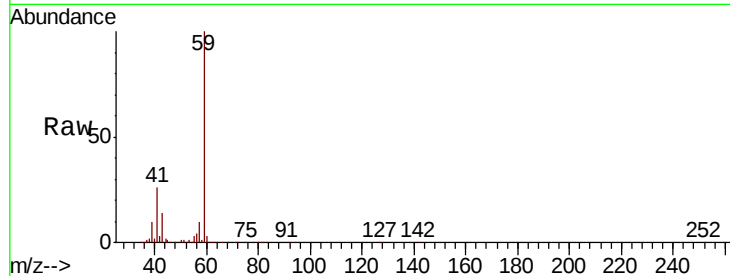
Tert butyl alcohol
Concen: 242.429 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.2	12.4

Manual Integrations
APPROVED

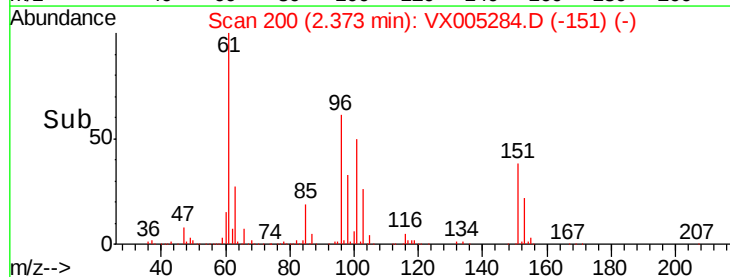
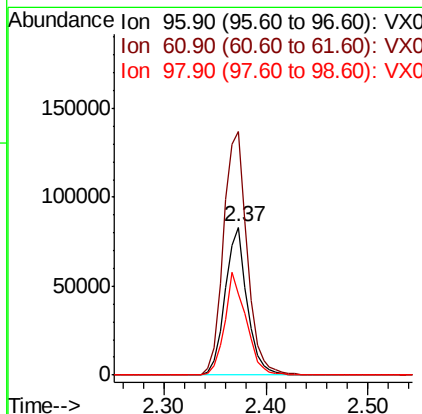
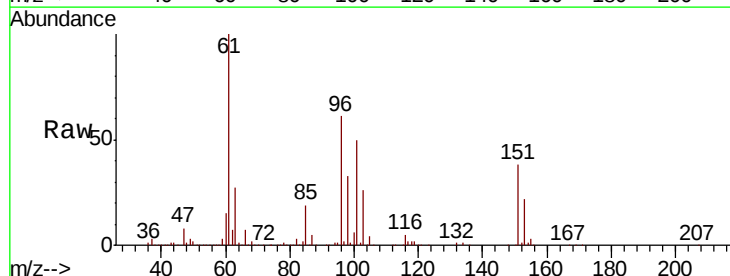
MMDadoda
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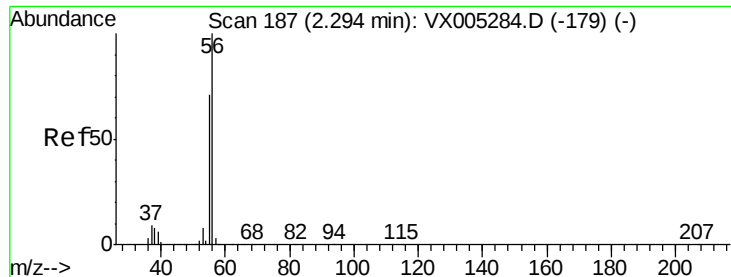


#12

1,1-Dichloroethene
Concen: 40.706 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.4	128.8	193.2
98	54.9	52.2	78.2





#13

Acrolein

Concen: 420.986 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 149416

Ion Ratio Lower Upper

56 100

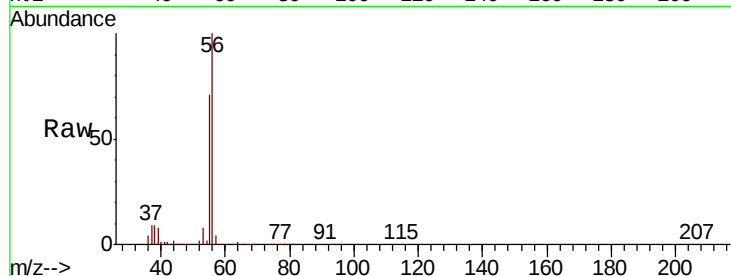
55 71.8 54.7 82.1

Manual Integrations

APPROVED

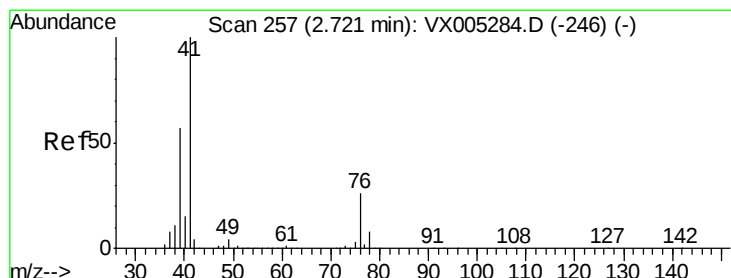
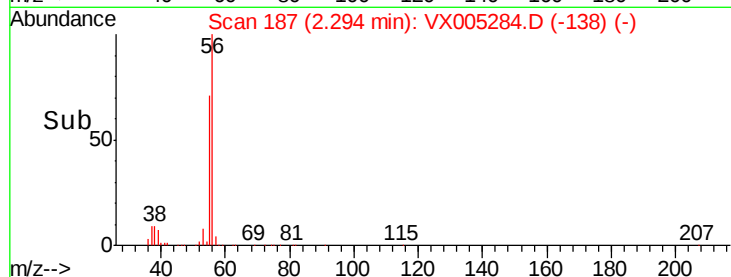
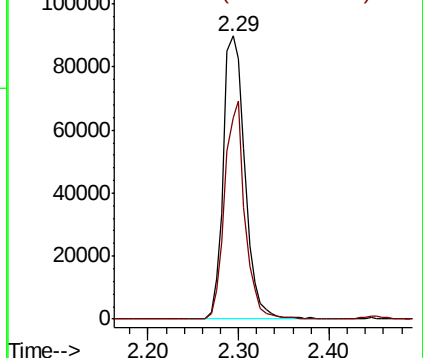
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 44.619 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

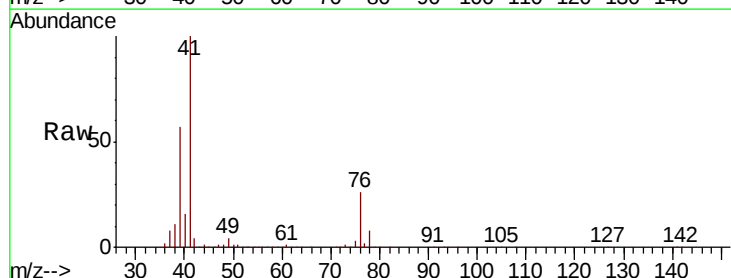
Tgt Ion: 41 Resp: 280097

Ion Ratio Lower Upper

41 100

39 58.8 48.9 73.3

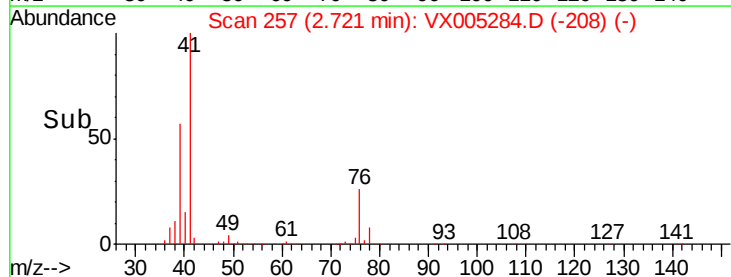
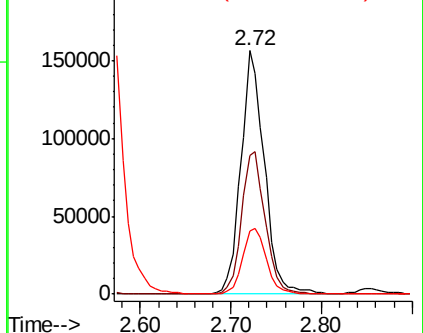
76 27.3 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





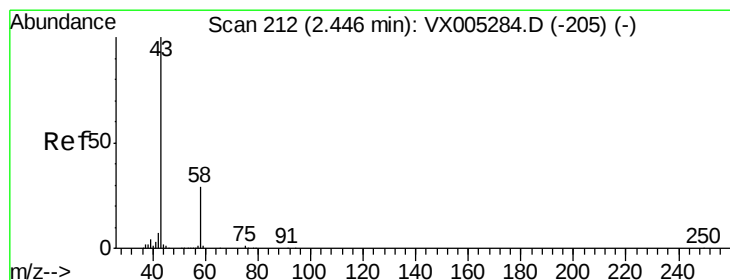
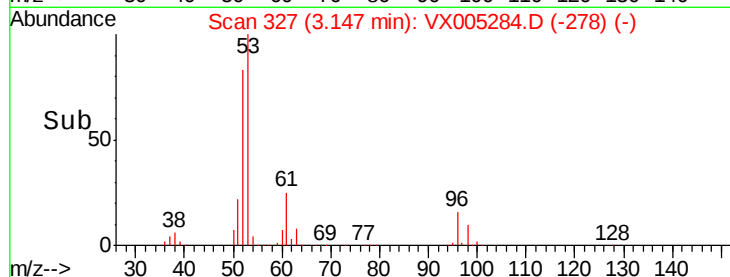
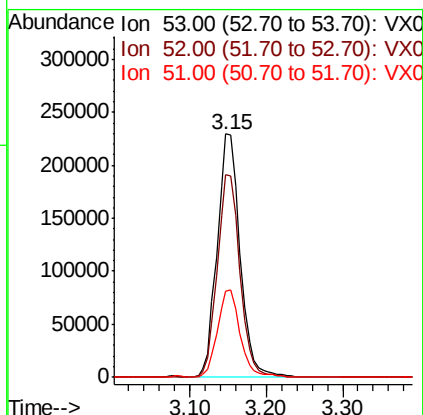
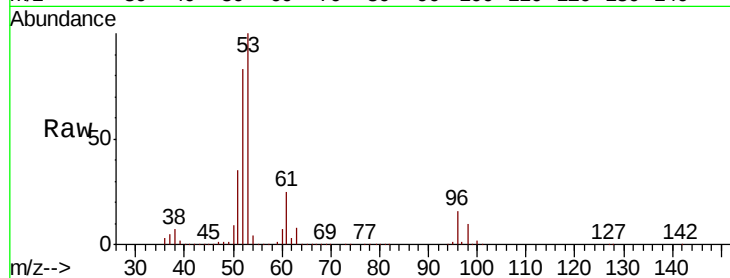
#15
Acrylonitrile
Concen: 219.293 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.2	97.8
51	35.4	28.2	42.2

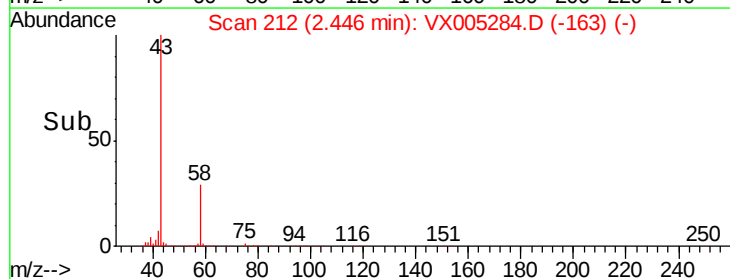
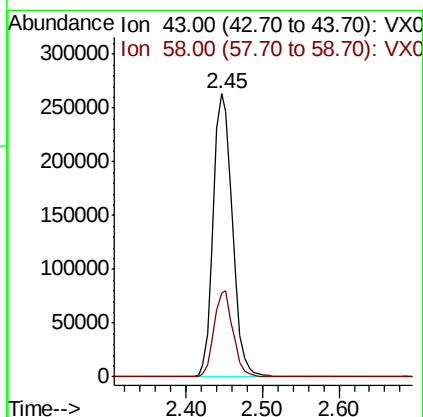
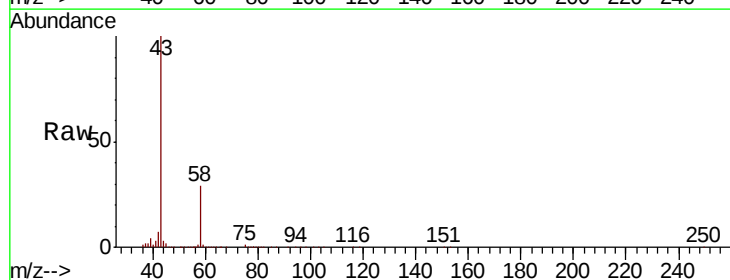
Manual Integrations
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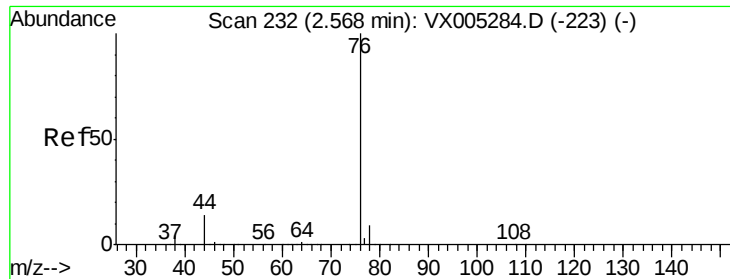
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#16
Acetone
Concen: 247.277 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.4	26.2	39.4





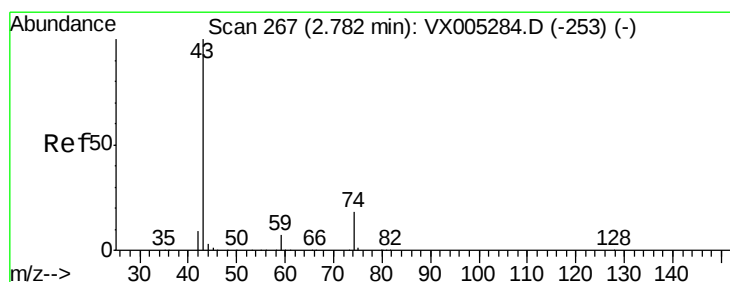
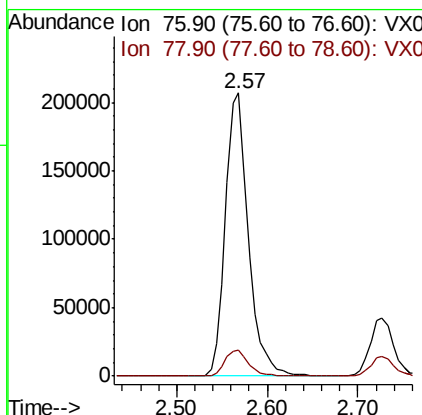
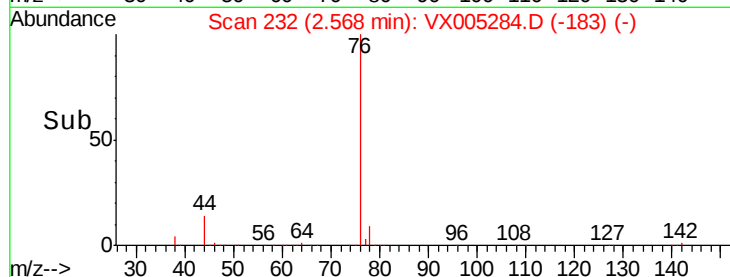
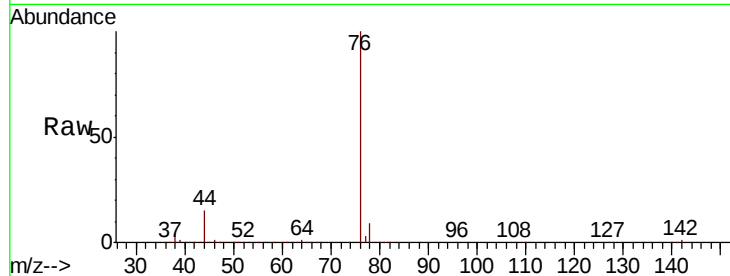
#17
Carbon Disulfide
Concen: 41.370 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.0	10.6

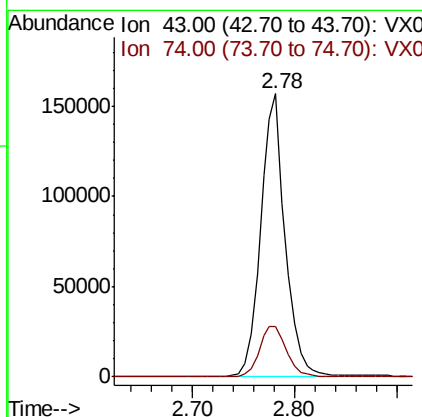
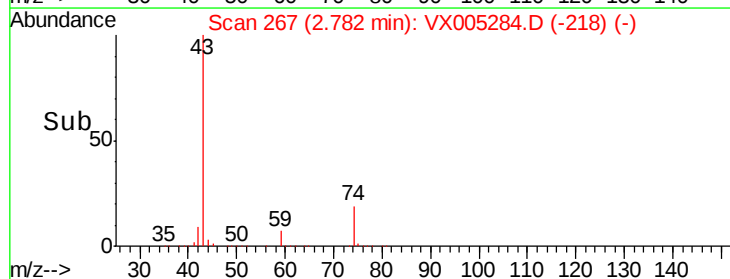
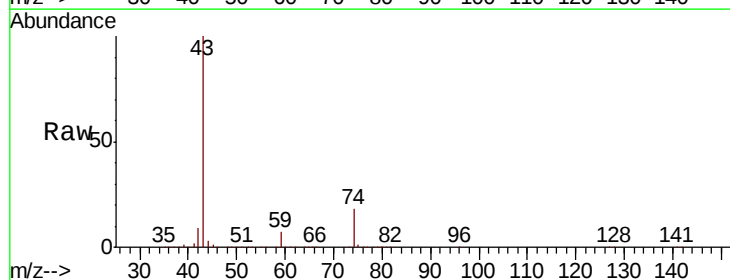
Manual Integrations
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#18
Methyl Acetate
Concen: 50.195 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.2	19.4	29.2





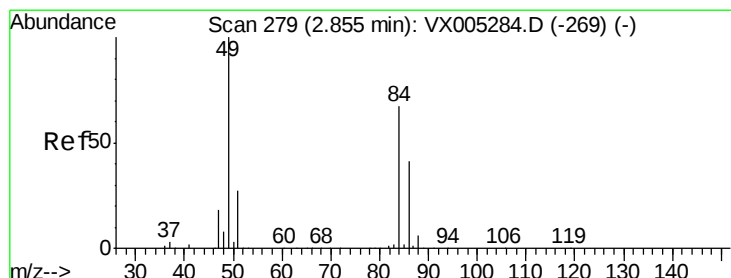
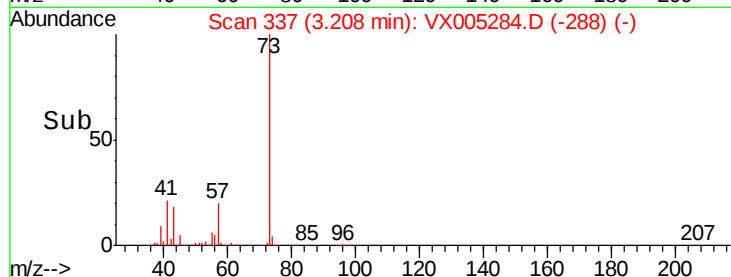
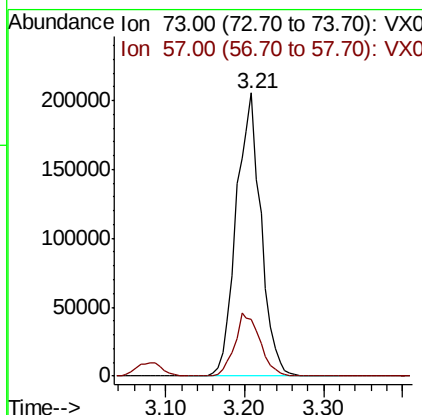
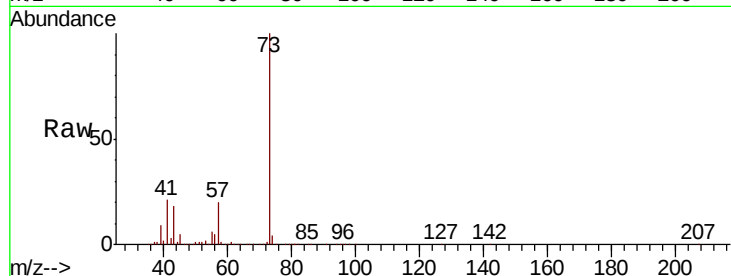
#19
Methyl tert-butyl Ether
Concen: 41.691 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 446679
Ion Ratio Lower Upper
73 100
57 20.0 17.1 25.7

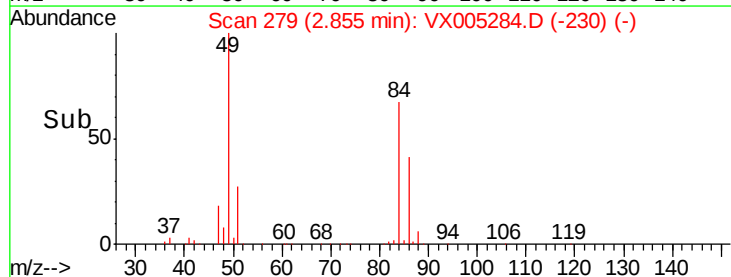
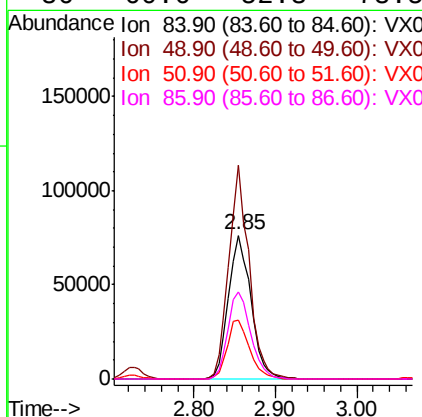
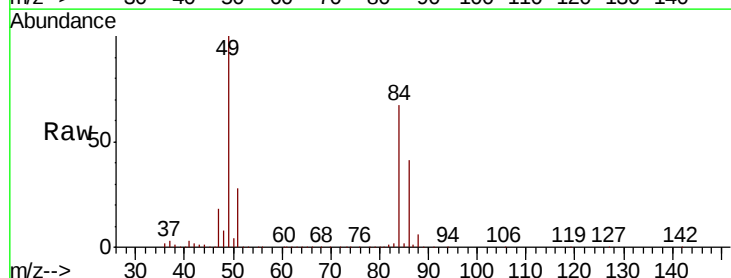
Manual Integrations
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#20
Methylene Chloride
Concen: 38.244 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Tgt Ion: 84 Resp: 144282
Ion Ratio Lower Upper
84 100
49 148.9 101.2 151.8
51 40.9 29.5 44.3
86 60.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 38.928 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 131349
Ion Ratio Lower Upper

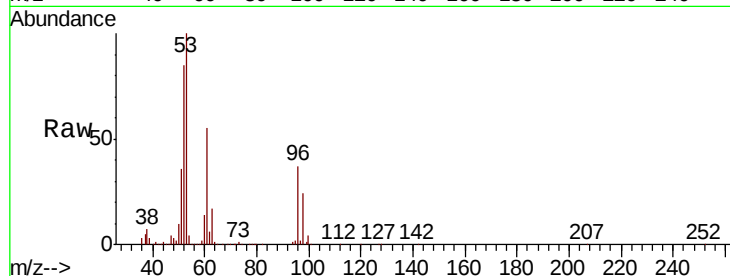
96 100

61 147.7 113.8 170.6

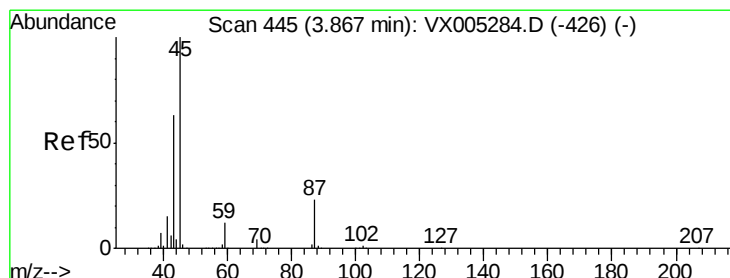
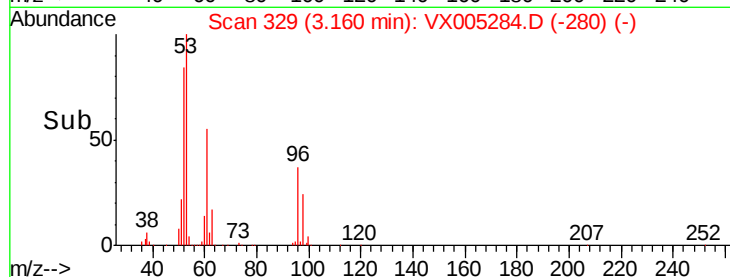
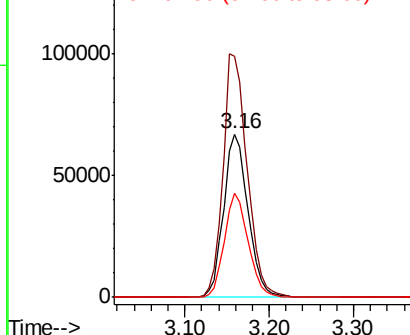
98 64.0 51.8 77.8

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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 42.463 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

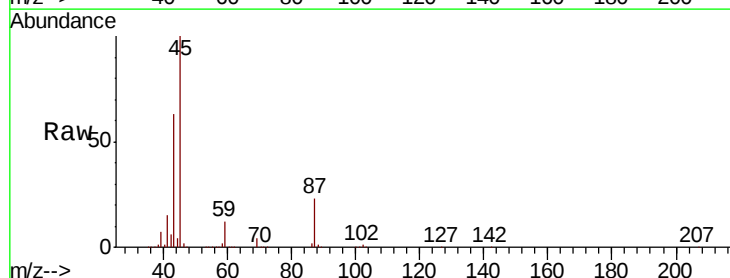
Tgt Ion: 45 Resp: 480104
Ion Ratio Lower Upper

45 100

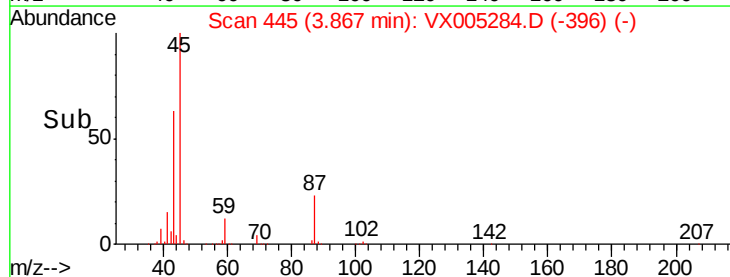
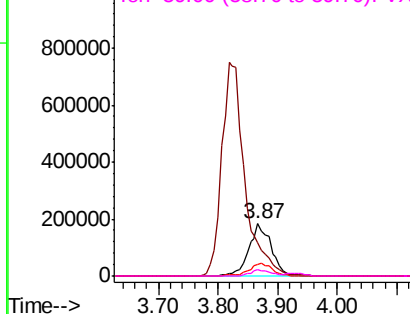
43 63.5 42.8 64.2

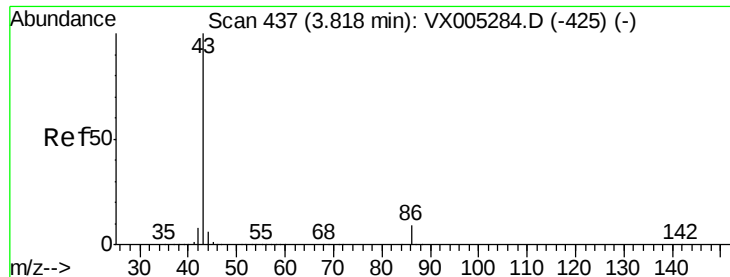
87 22.7 22.6 34.0

59 11.6 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 221.432 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 2026002

Ion Ratio Lower Upper

43 100

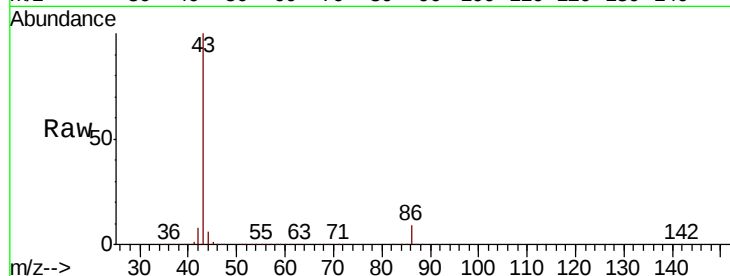
86 9.4 8.9 13.3

Manual Integrations

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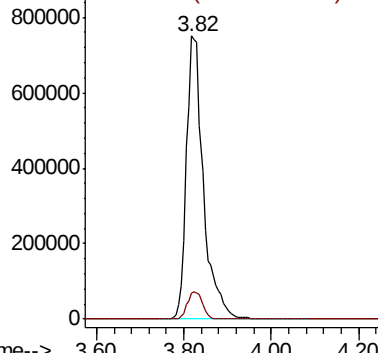
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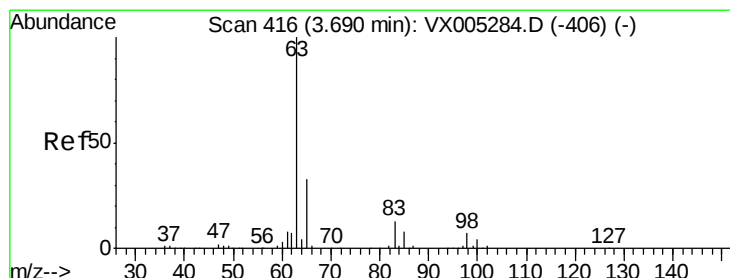
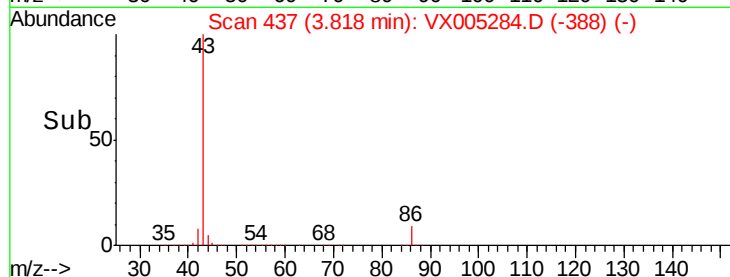


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 39.666 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

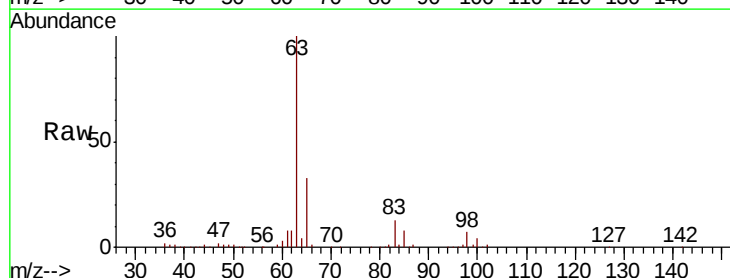
Tgt Ion: 63 Resp: 253199

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

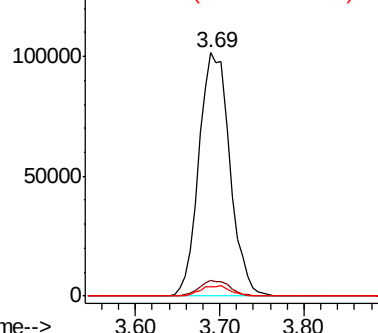
100 4.0 2.4 7.1



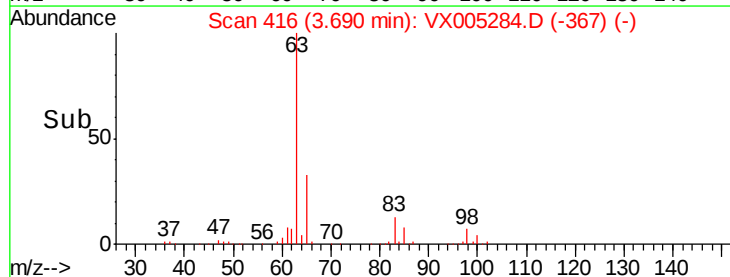
Abundance Ion 62.90 (62.60 to 63.60): VX0

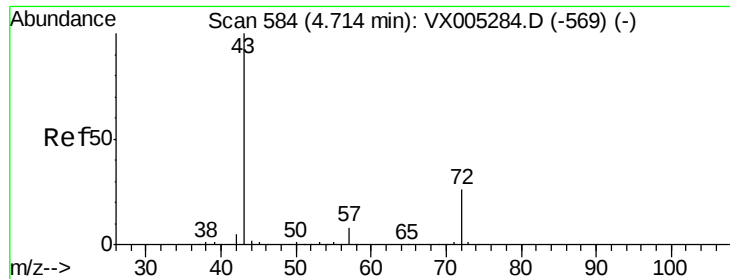
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 236.735 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 692913

Ion Ratio Lower Upper

43 100

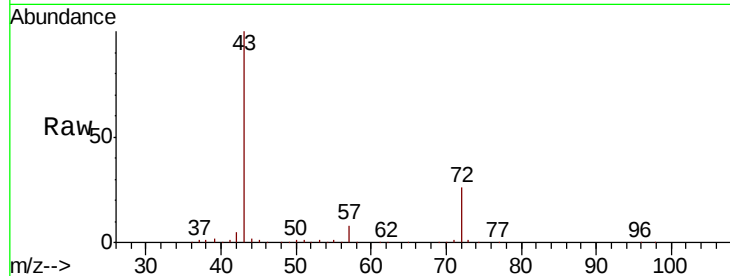
72 26.0 22.0 33.0

Manual Integrations

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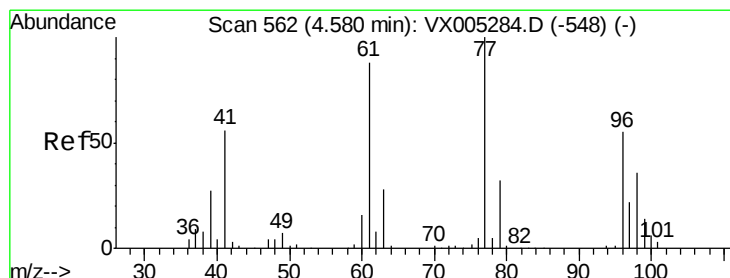
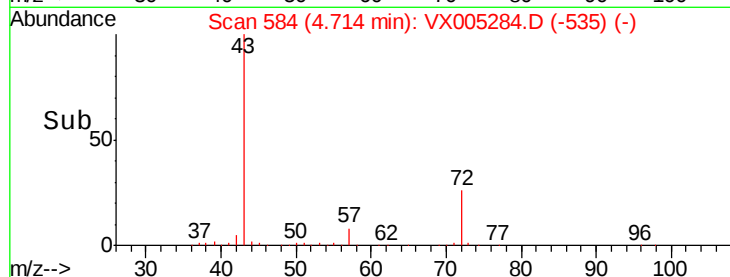
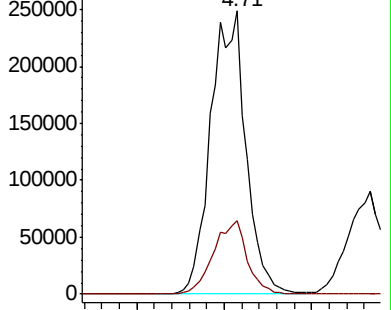
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 42.768 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005284.D

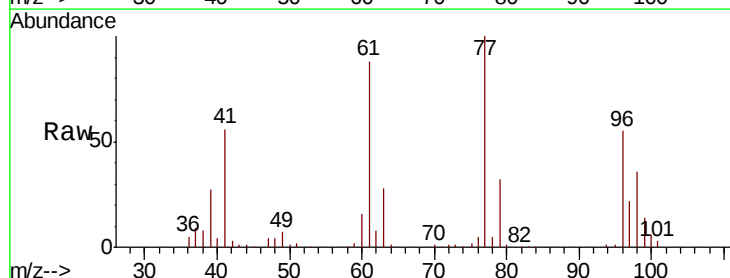
Acq: 12 Oct 2018 10:05

Tgt Ion: 77 Resp: 187505

Ion Ratio Lower Upper

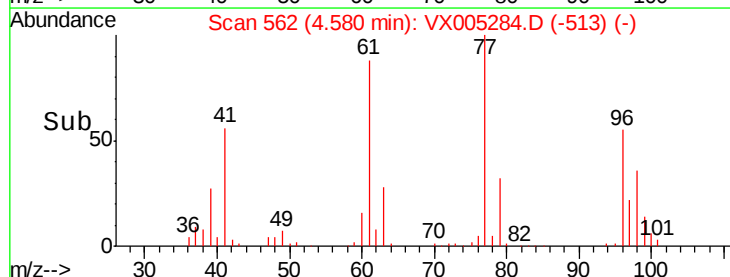
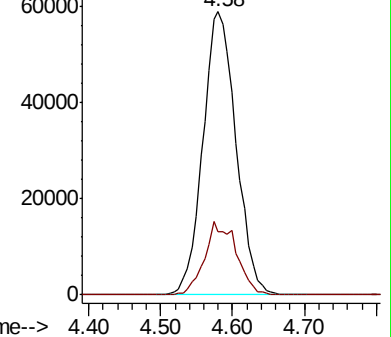
77 100

97 24.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

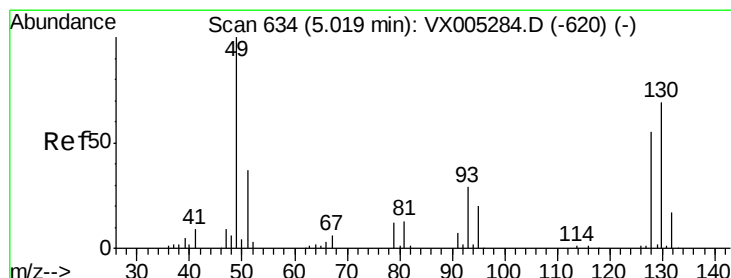
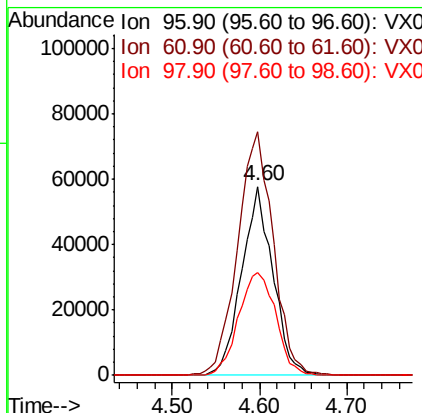
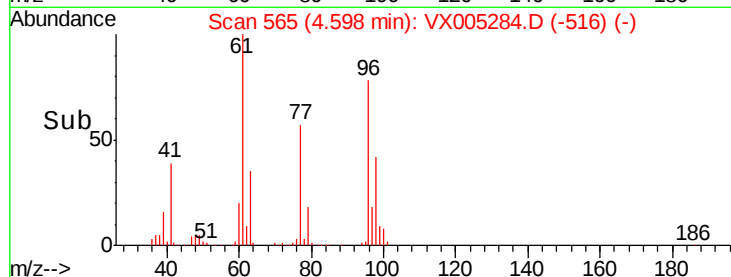
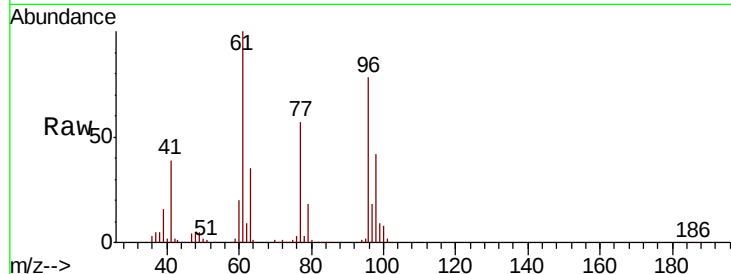
cis-1,2-Dichloroethene
Concen: 38.150 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	143693		
61	146.7	0.0	282.6	
98	64.8	0.0	130.2	

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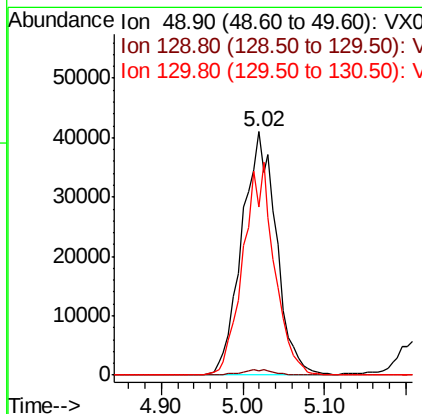
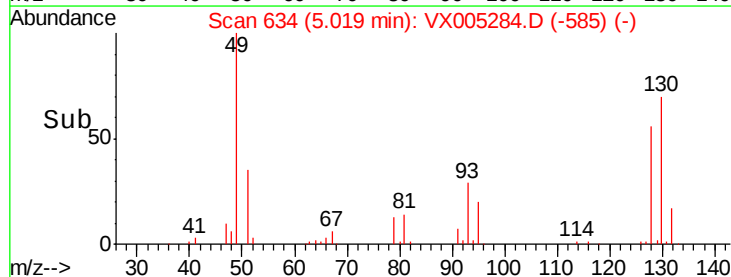
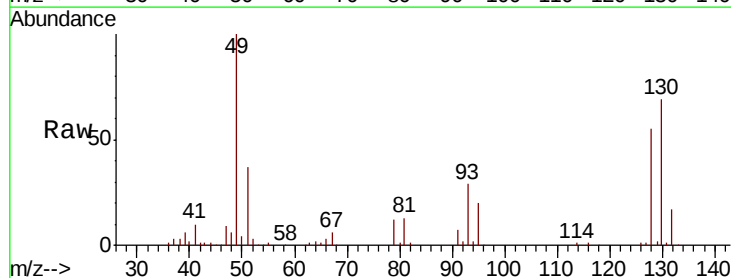
MMDadoda
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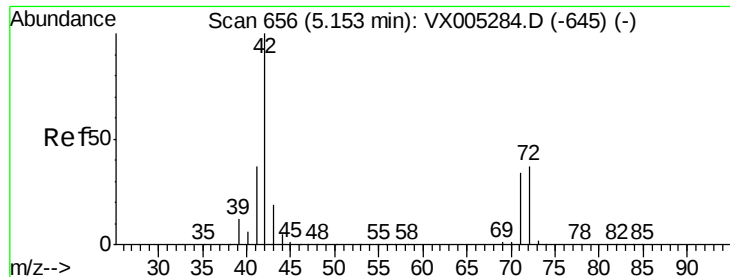


#28

Bromochloromethane
Concen: 41.322 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	120653		
129	2.0	0.0	4.2	
130	79.1	67.5	101.3	





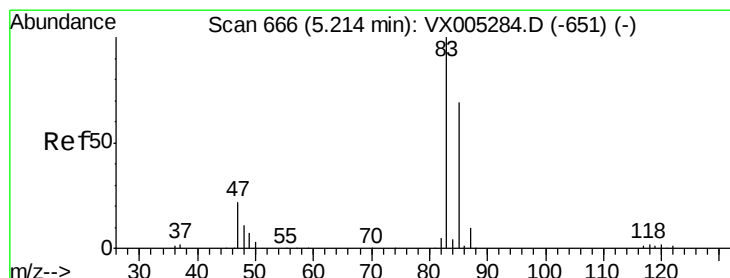
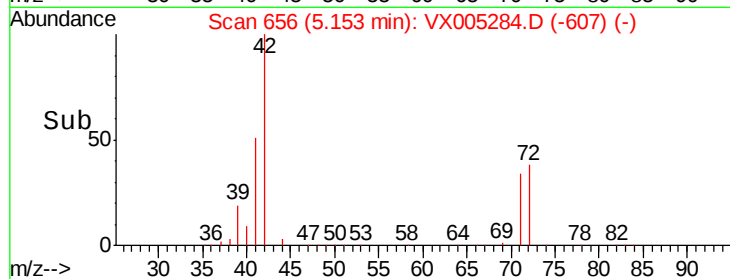
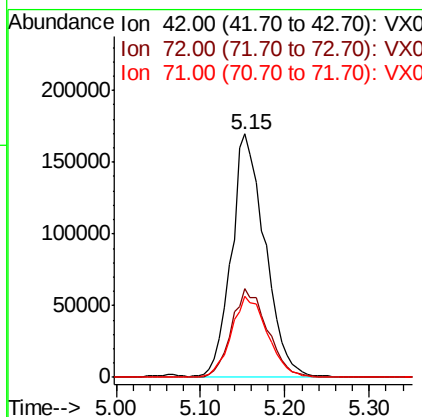
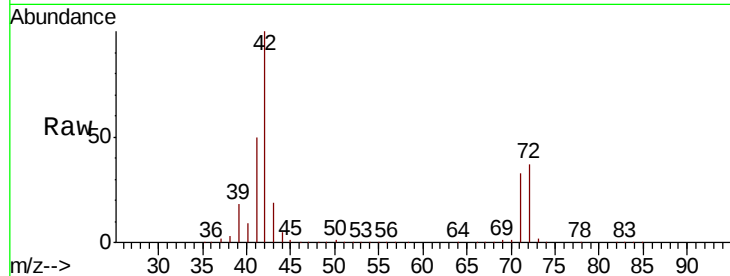
#29
Tetrahydrofuran
Concen: 258.382 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.3	37.4	56.0
71	36.1	34.5	51.7

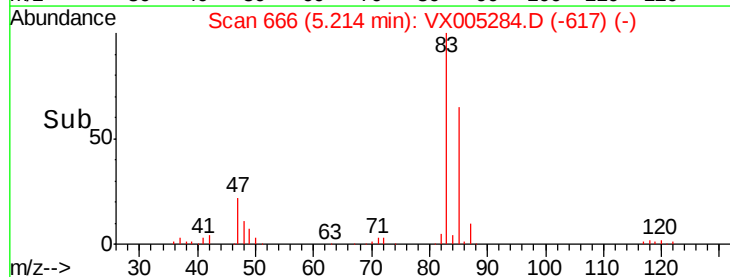
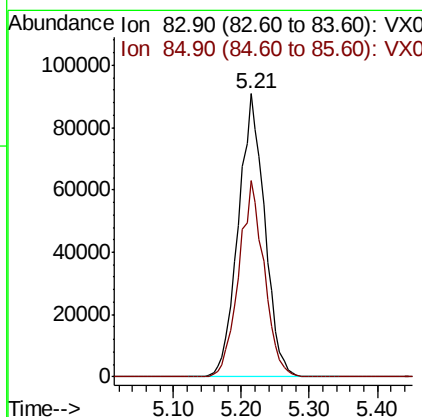
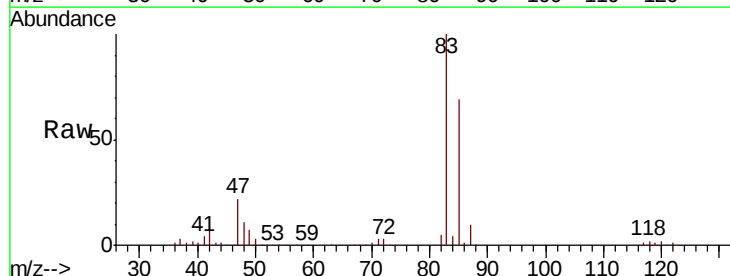
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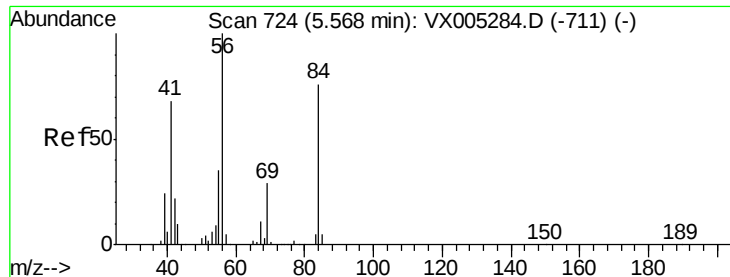
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#30
Chloroform
Concen: 39.306 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.2	52.6	79.0





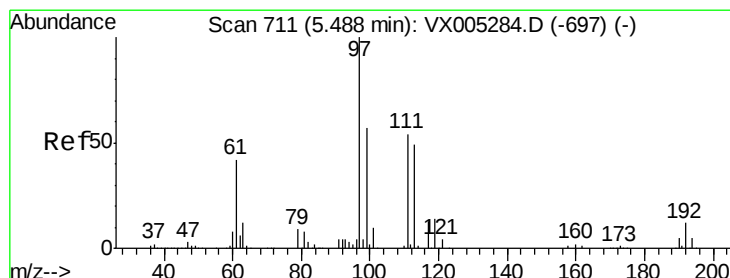
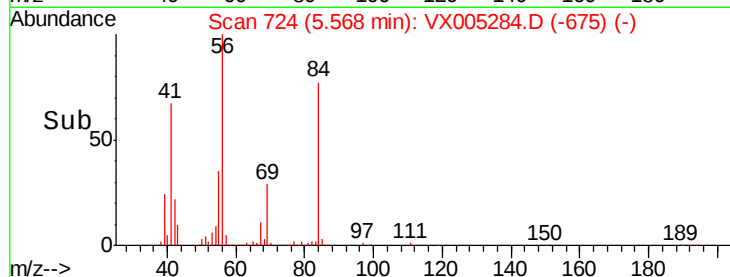
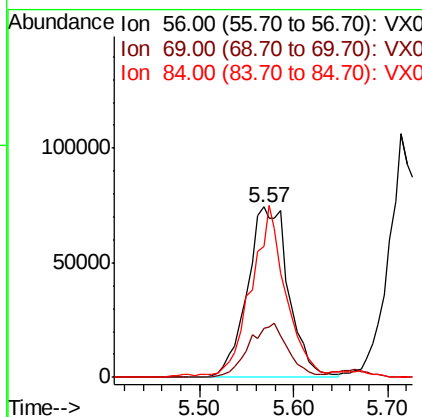
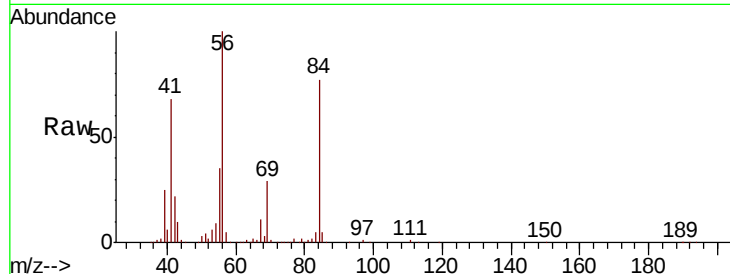
#31
Cyclohexane
Concen: 41.908 ug/l
RT: 5.57 min Scan# 724
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.7	25.4	38.2
84	75.6	71.4	107.2

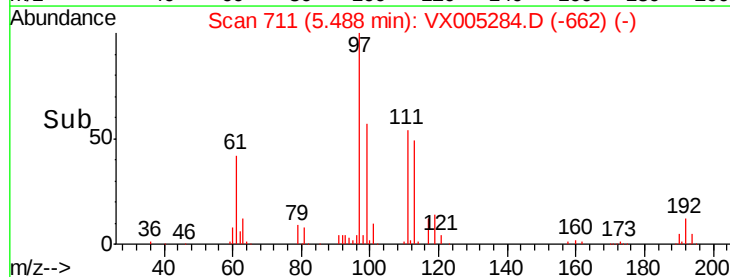
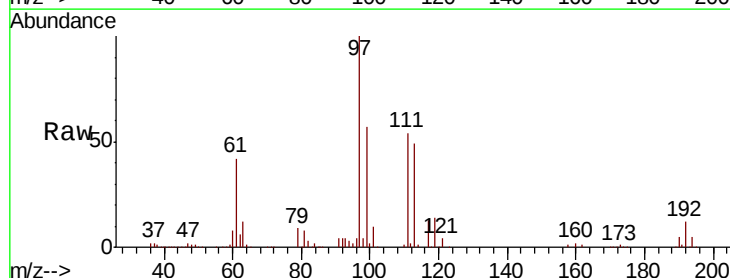
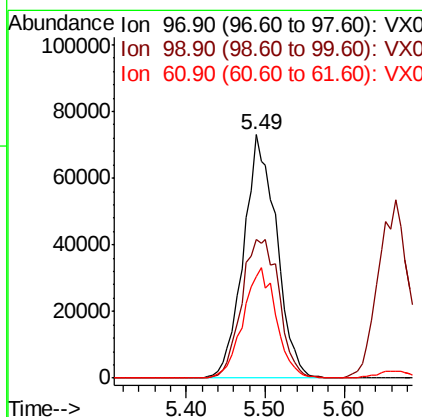
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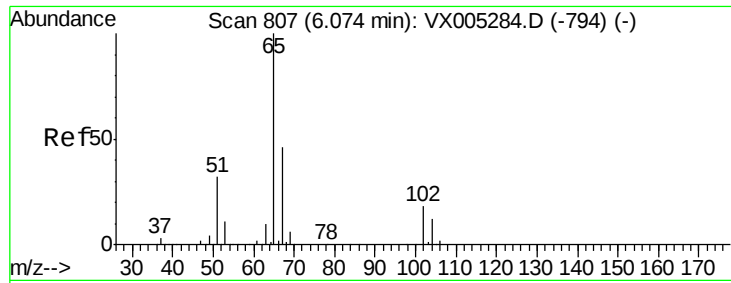
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#32
1,1,1-Trichloroethane
Concen: 42.225 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.0	78.0
61	45.5	34.9	52.3





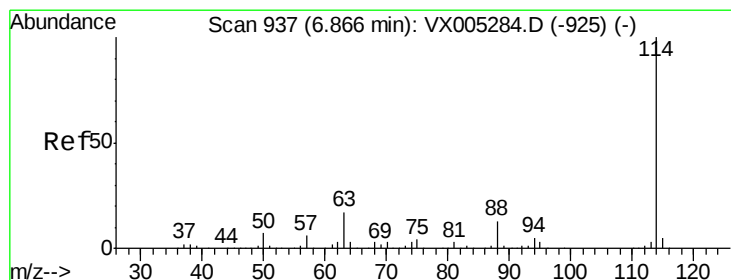
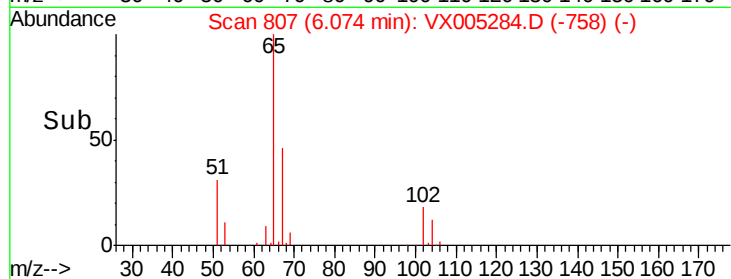
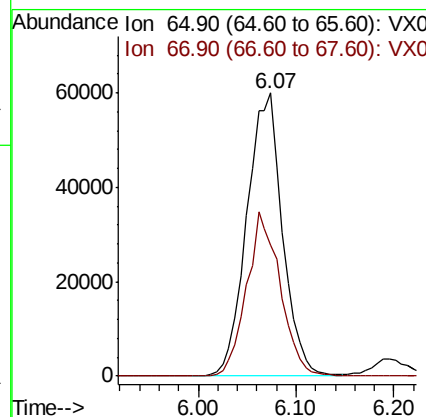
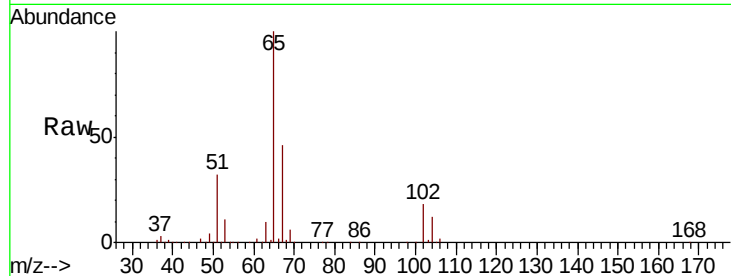
#33
 1,2-Dichloroethane-d4
 Concen: 40.316 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX005284.D
 Acq: 12 Oct 2018 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	106.8

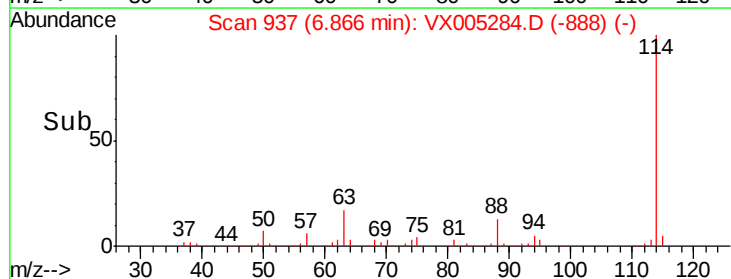
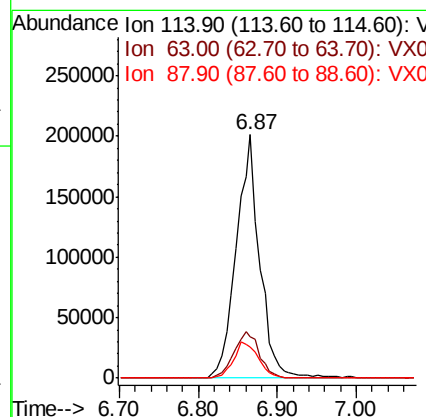
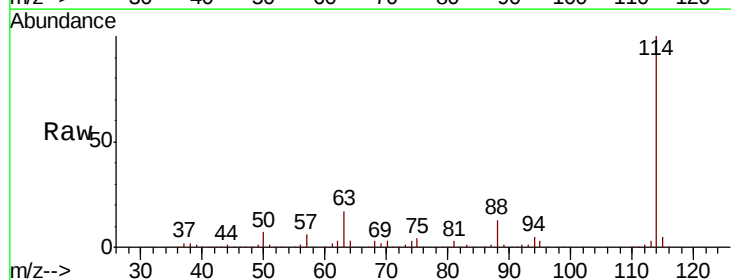
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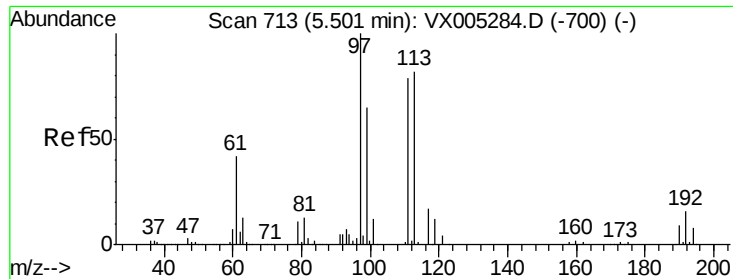
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: VX005284.D
 Acq: 12 Oct 2018 10:05

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	39.0
88	12.6	0.0	30.4





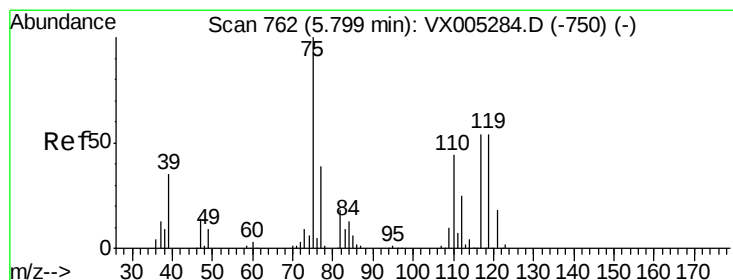
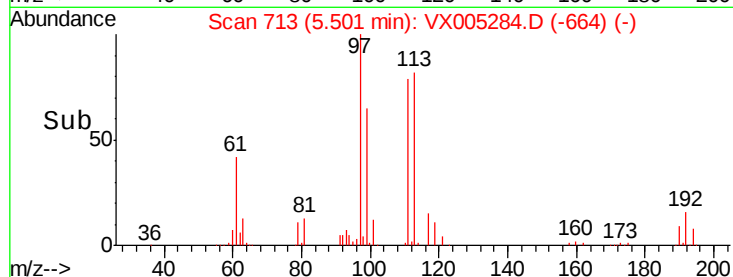
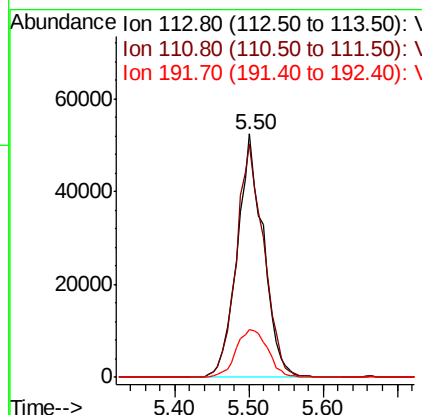
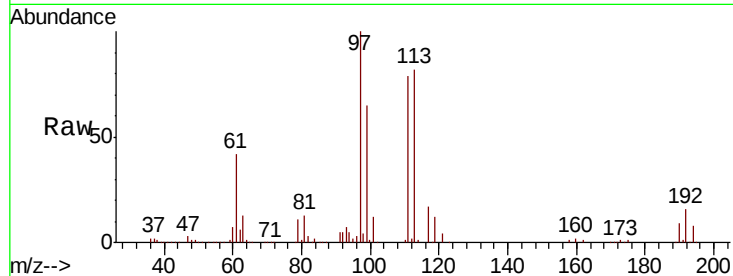
#35
Dibromofluoromethane
Concen: 33.993 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	129422		
111	100.9	82.4	123.6	
192	23.7	19.4	29.2	

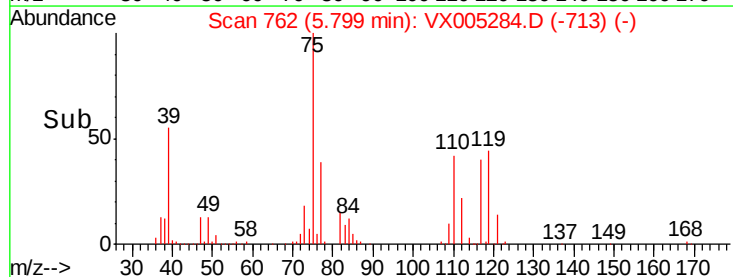
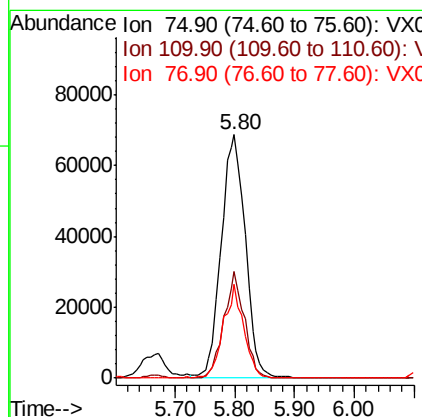
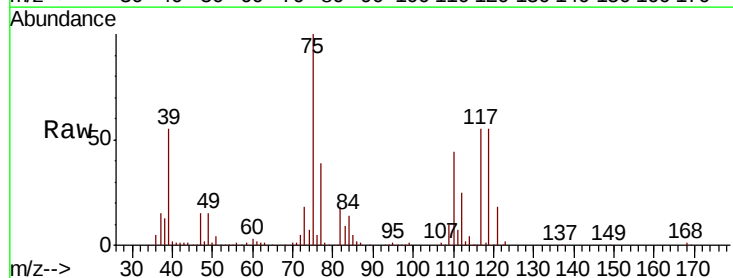
Manual Integrations
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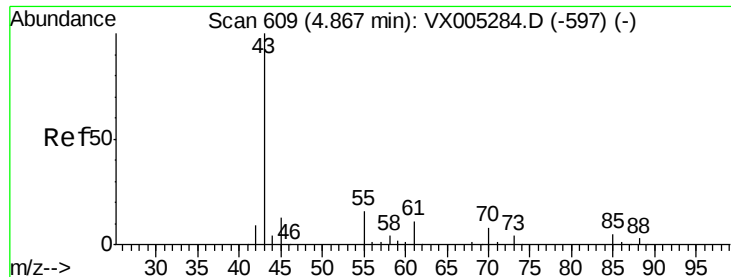
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#36
1,1-Dichloropropene
Concen: 38.213 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	193019		
110	37.3	18.0	54.0	
77	31.9	24.6	36.8	





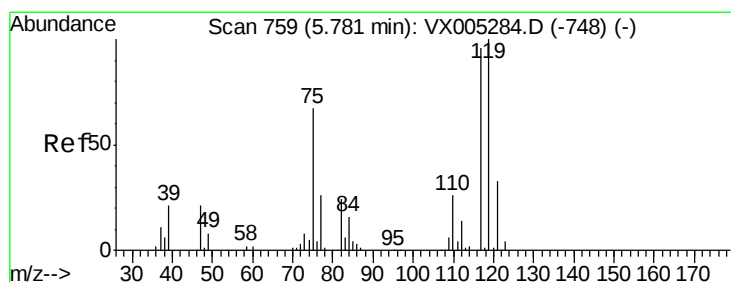
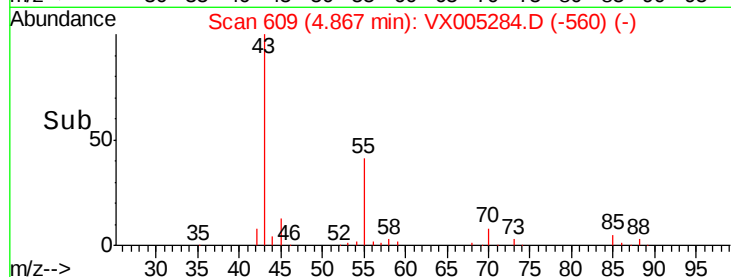
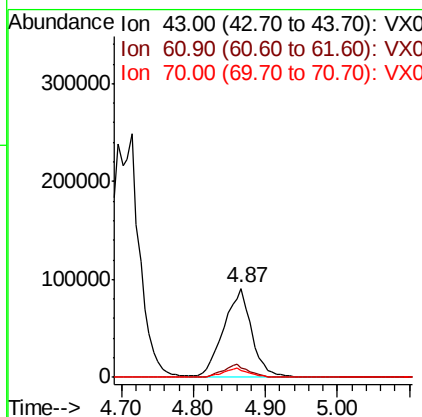
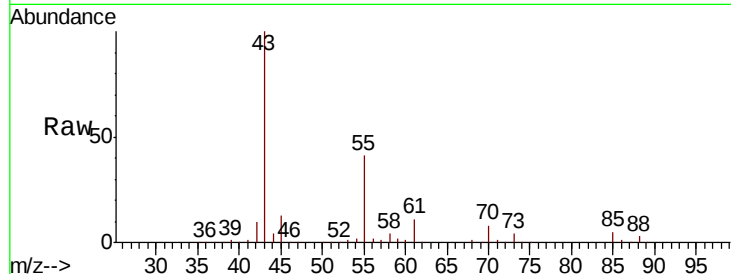
#37
Ethyl Acetate
Concen: 42.578 ug/l
RT: 4.87 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 244603
Ion Ratio Lower Upper
43 100
61 13.8 11.5 17.3
70 9.9 9.0 13.6

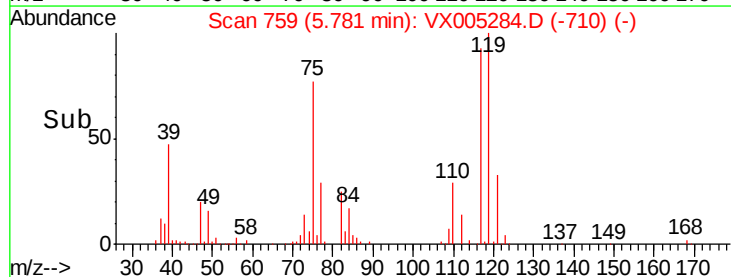
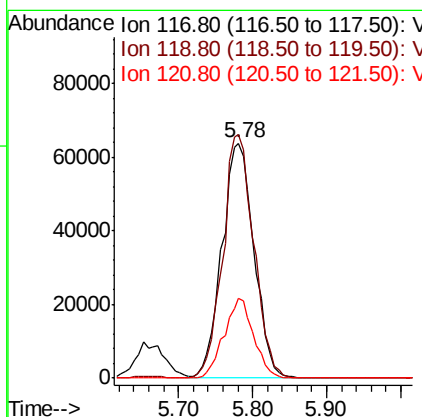
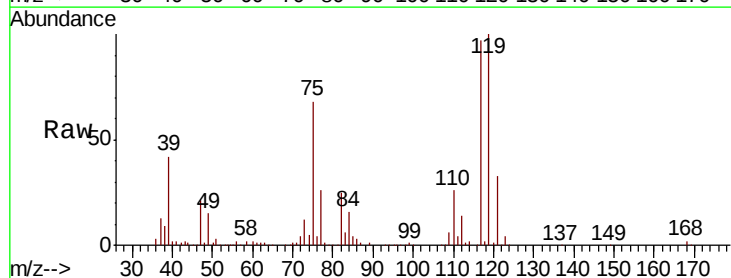
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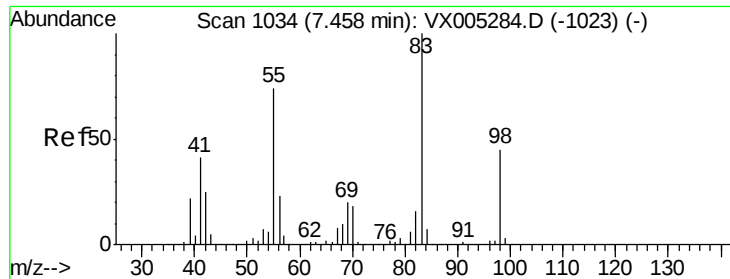
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#38
Carbon Tetrachloride
Concen: 38.831 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Tgt Ion: 117 Resp: 191578
Ion Ratio Lower Upper
117 100
119 103.5 78.8 118.2
121 34.2 24.9 37.3





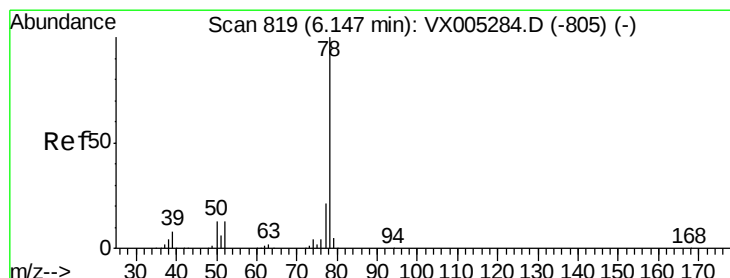
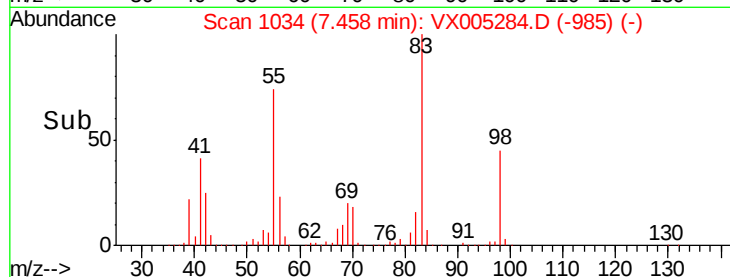
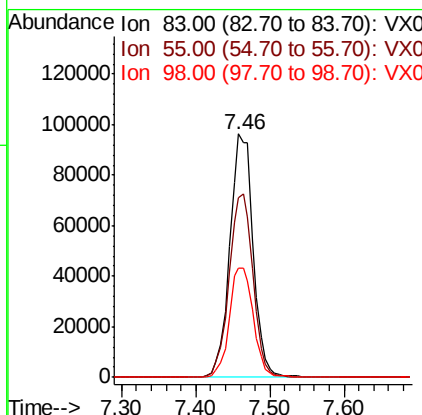
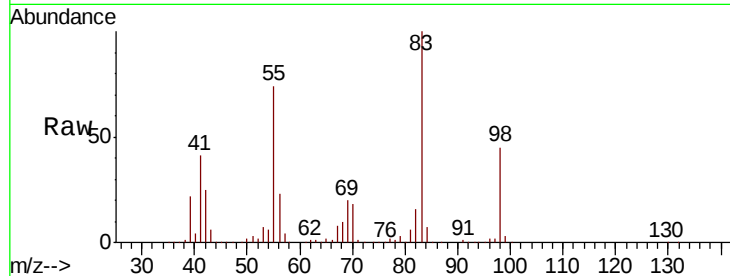
#39
Methylcyclohexane
Concen: 40.116 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.5	61.0	91.4
98	44.6	39.6	59.4

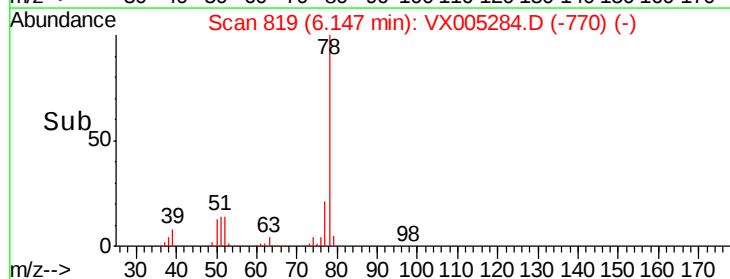
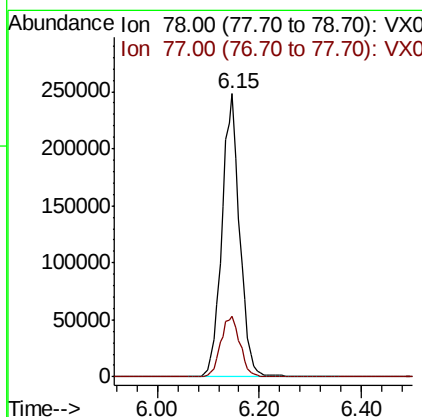
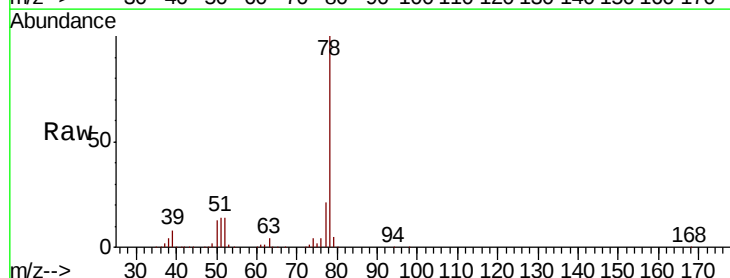
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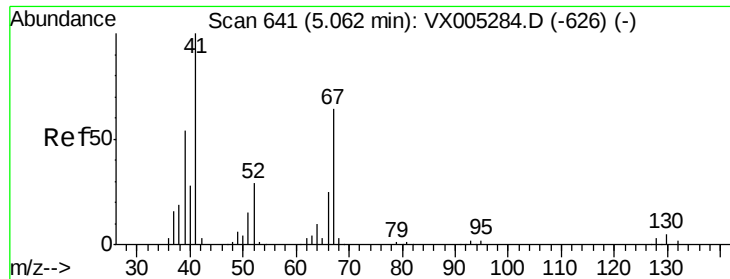
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#40
Benzene
Concen: 39.949 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.2	19.0	28.4





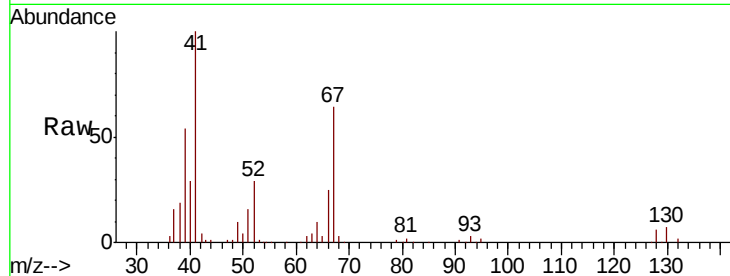
#41
Methacrylonitrile
Concen: 42.263 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

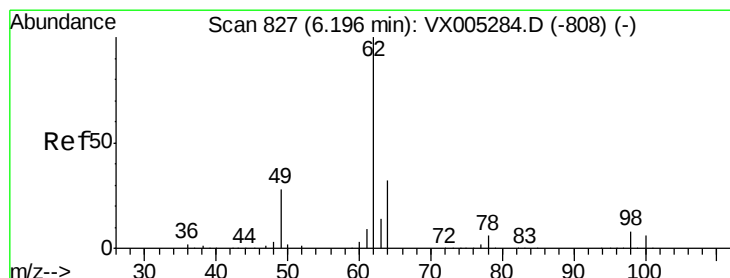
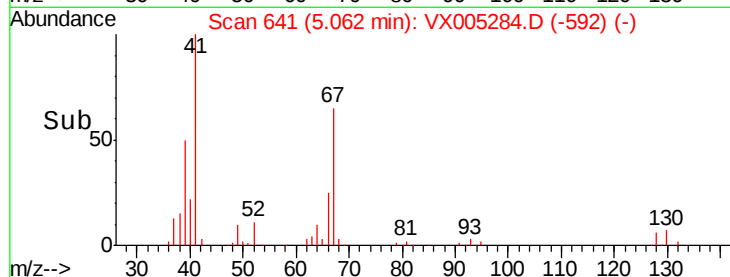
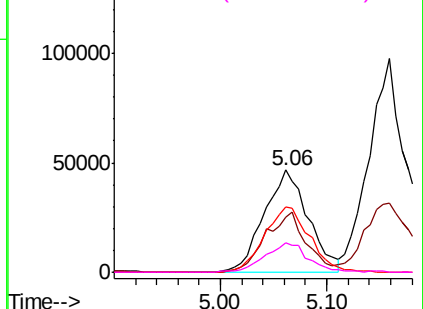
Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.1	42.4	63.6	
67	65.8	59.2	88.8	
52	27.5	23.0	34.4	

Manual Integrations
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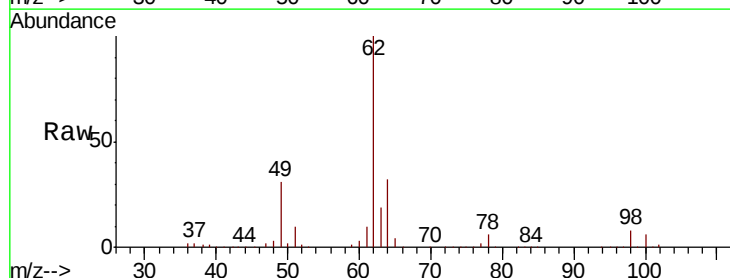


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

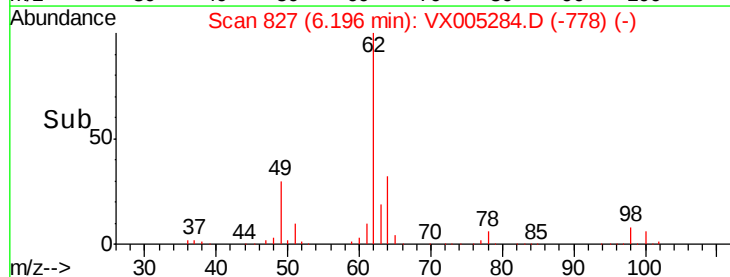
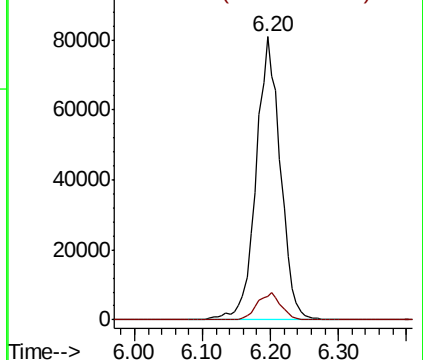


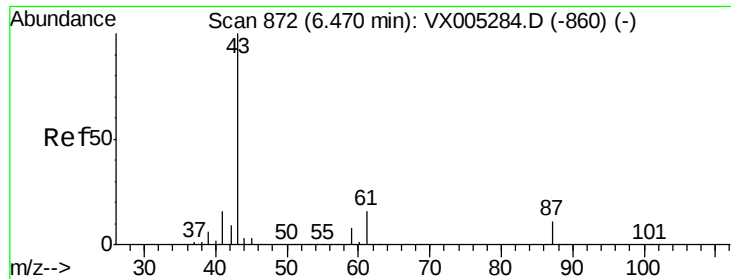
#42
1,2-Dichloroethane
Concen: 40.614 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	20.6	



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 44.131 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

Instrument :

MSVOA_X

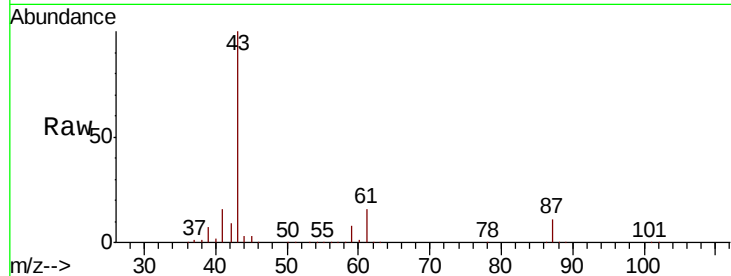
ClientSampleId :

VSTDICCC050

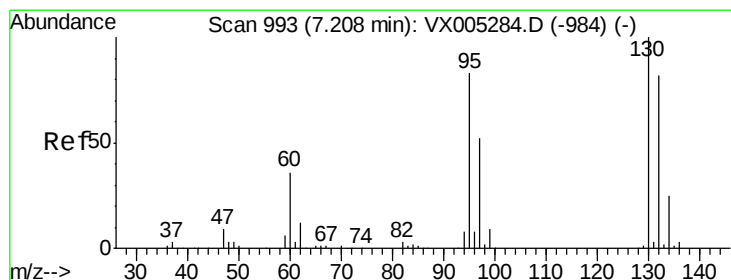
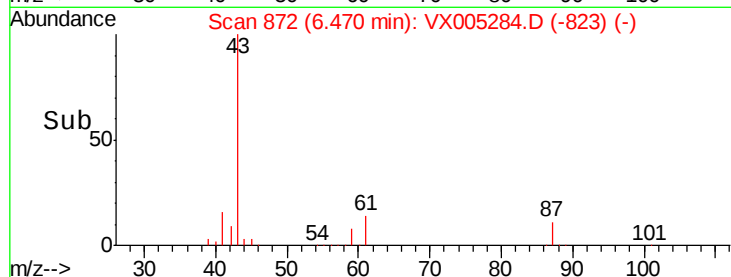
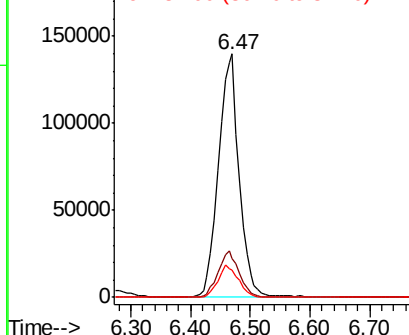
Tgt Ion:	43	Resp:	336731
Ion Ratio	Lower	Upper	
43	100		
61	19.3	17.0	25.4
87	13.2	11.4	17.2

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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 37.750 ug/l

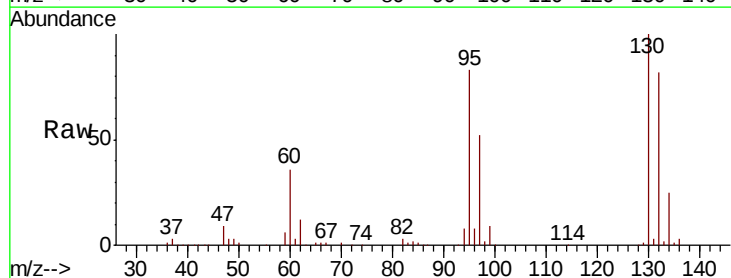
RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

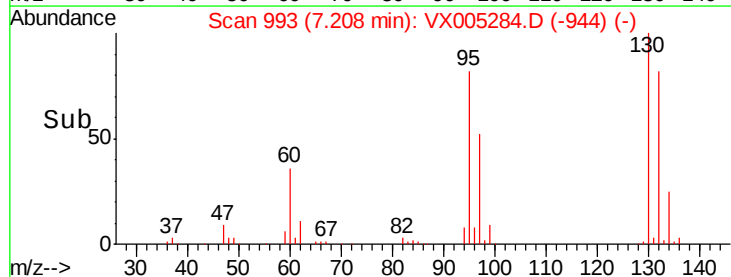
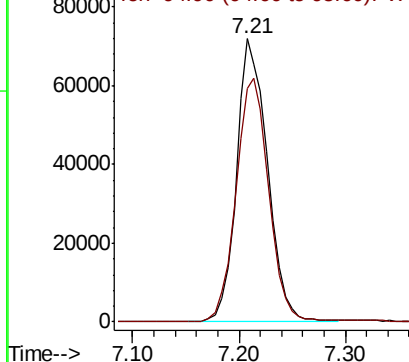
Lab File: VX005284.D

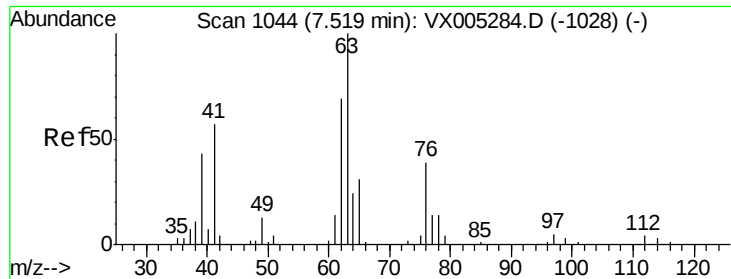
Acq: 12 Oct 2018 10:05

Tgt Ion:	130	Resp:	146986
Ion Ratio	Lower	Upper	
130	100		
95	82.5	0.0	181.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





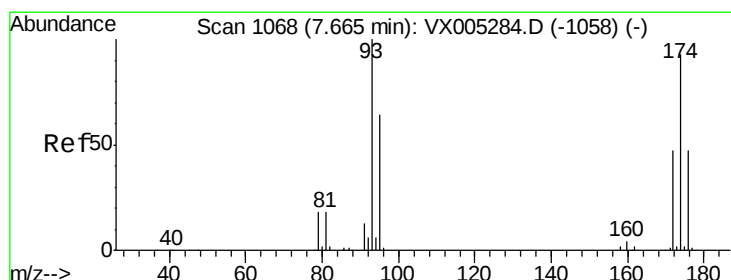
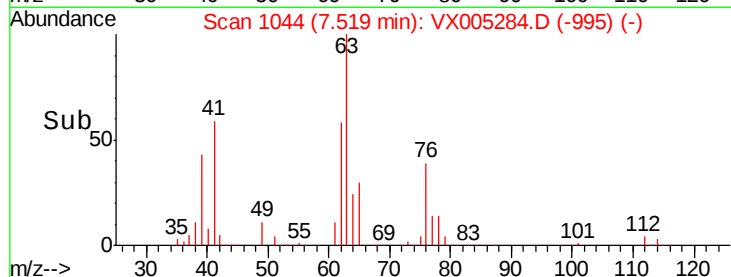
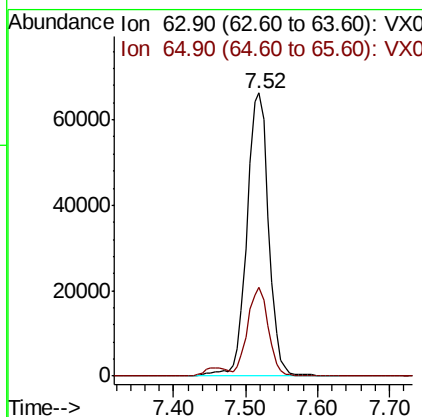
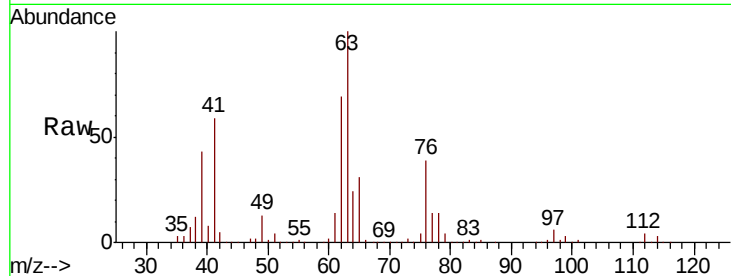
#45
 1,2-Dichloropropane
 Concen: 38.511 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005284.D
 Acq: 12 Oct 2018 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 63 Resp: 138881
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.3 36.5

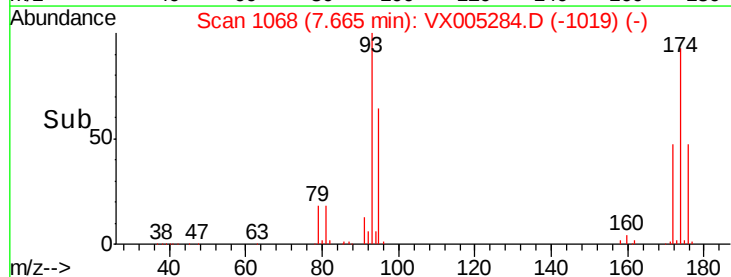
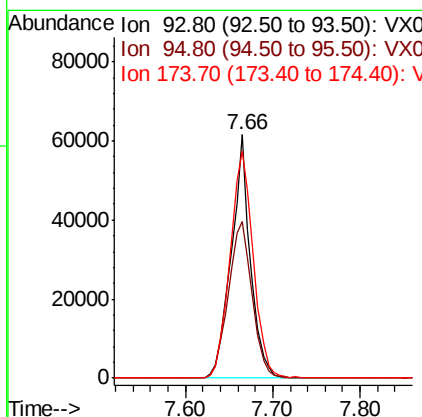
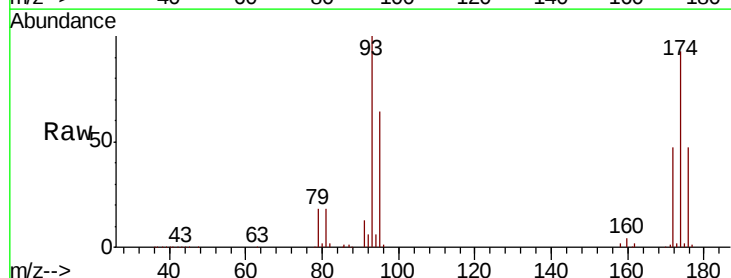
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 10/17/2018 9:04:30 AM



#46
 Dibromomethane
 Concen: 41.446 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005284.D
 Acq: 12 Oct 2018 10:05

Tgt Ion: 93 Resp: 94424
 Ion Ratio Lower Upper
 93 100
 95 79.2 65.5 98.3
 174 112.3 94.2 141.4





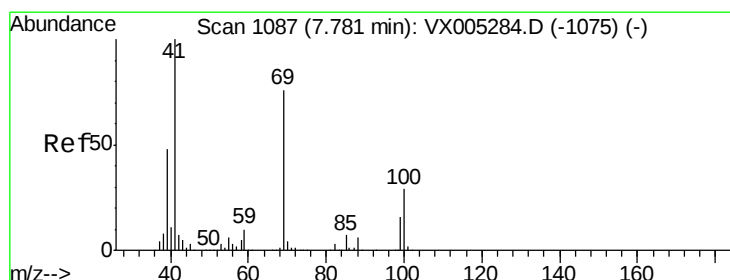
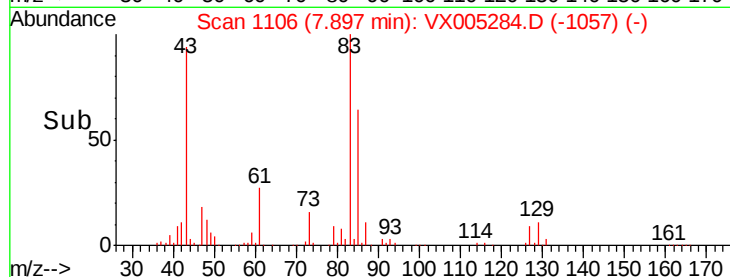
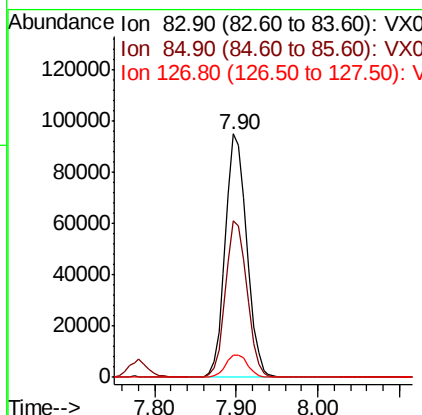
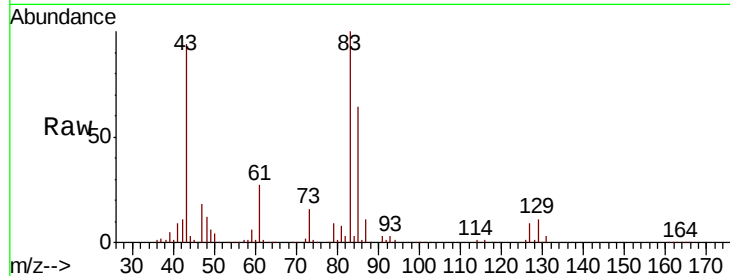
#47
Bromodichloromethane
Concen: 39.911 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.9	76.3
127	9.0	7.3	10.9

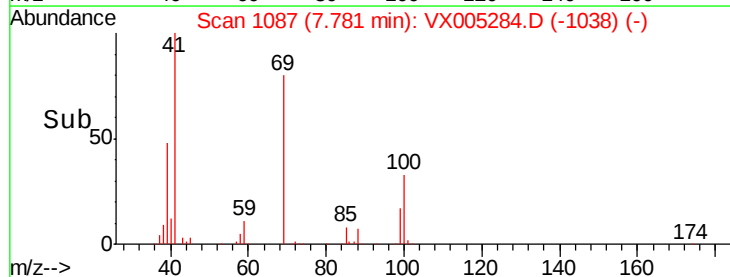
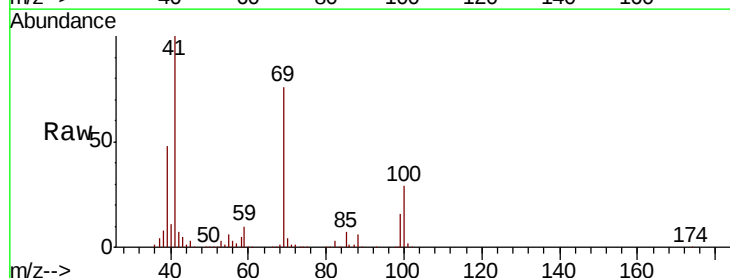
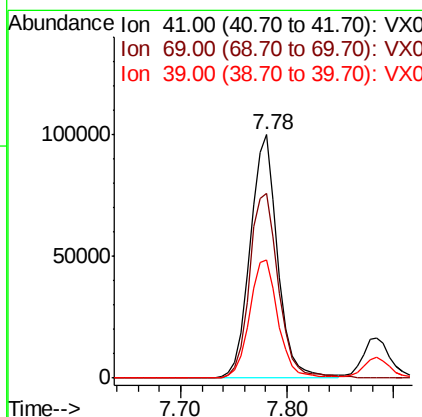
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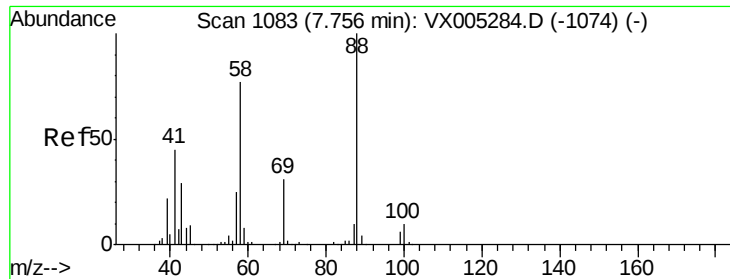
MMDadoda
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#48
Methyl methacrylate
Concen: 47.762 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.7	70.2	105.4
39	50.5	42.7	64.1





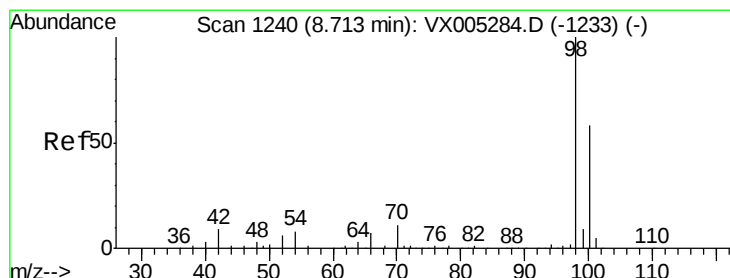
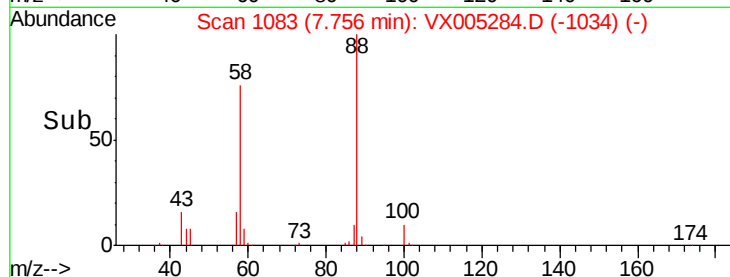
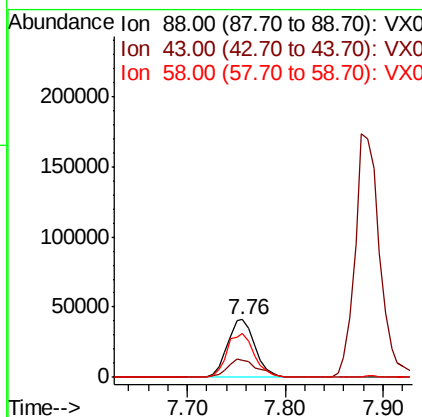
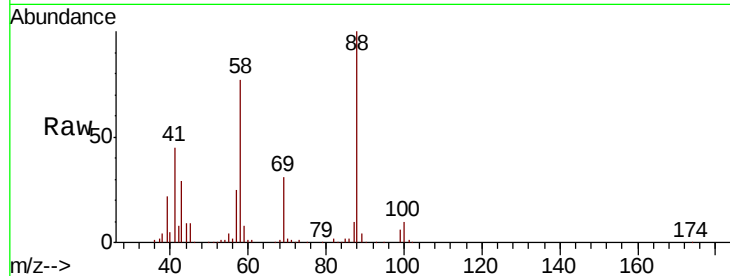
#49
1,4-Dioxane
Concen: 902.890 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.2	24.7	37.1
58	75.9	55.3	82.9

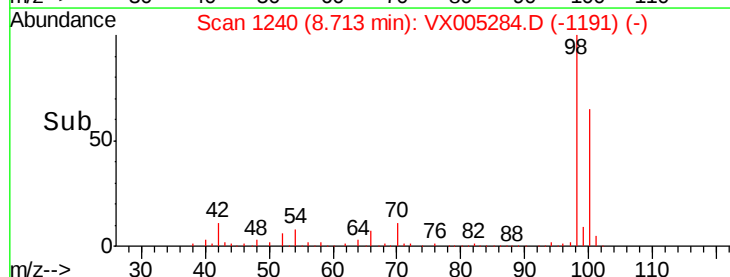
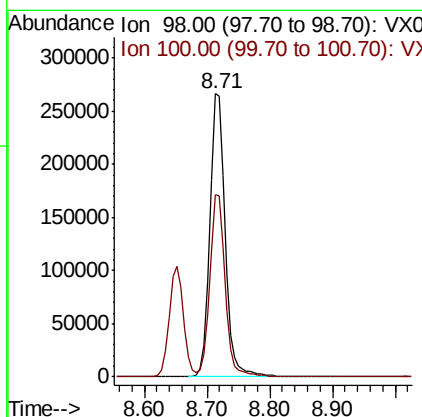
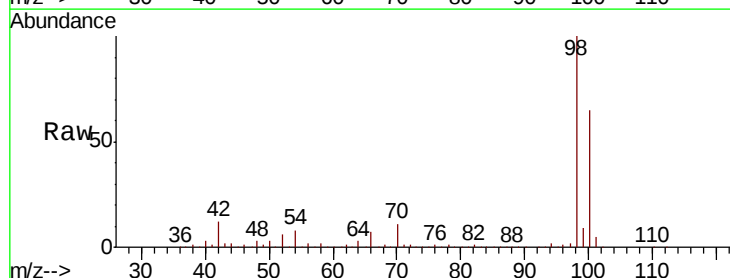
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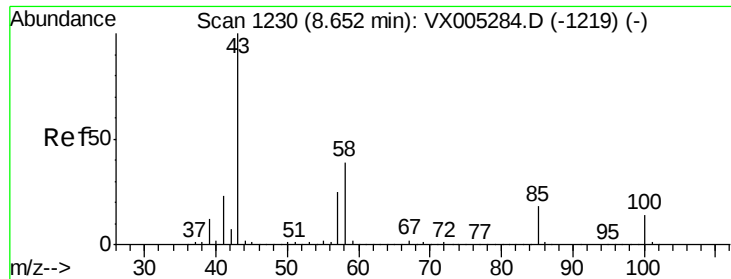
MMDadoda
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#50
Toluene-d8
Concen: 35.348 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.9	79.3





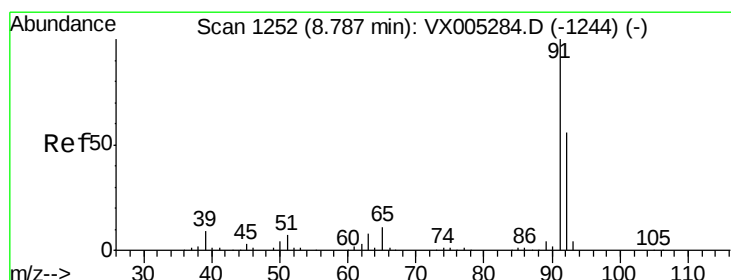
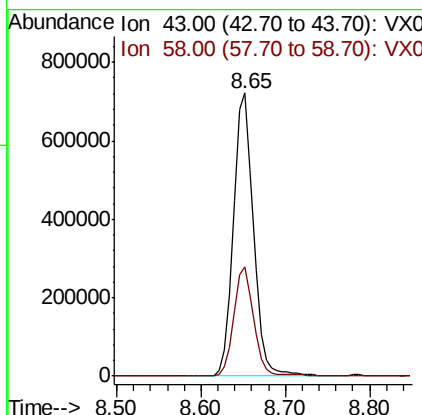
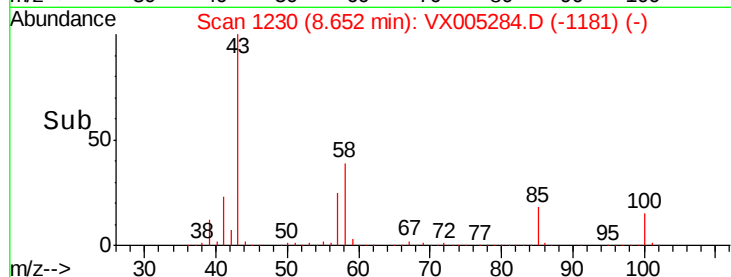
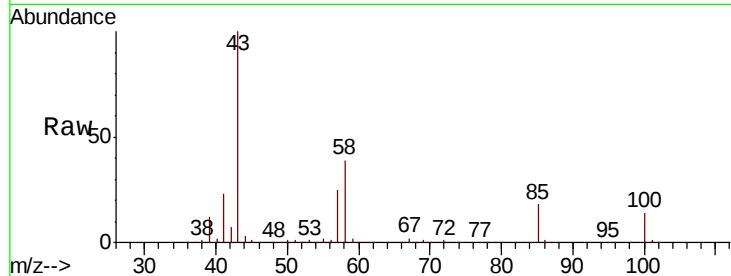
#51
 4-Methyl-2-Pentanone
 Concen: 215.540 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VX005284.D
 Acq: 12 Oct 2018 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 1160631
 Ion Ratio Lower Upper
 43 100
 58 37.9 33.1 49.7

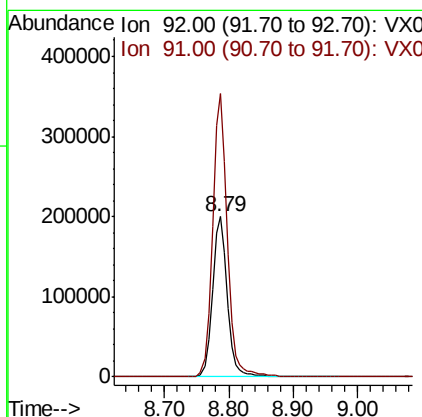
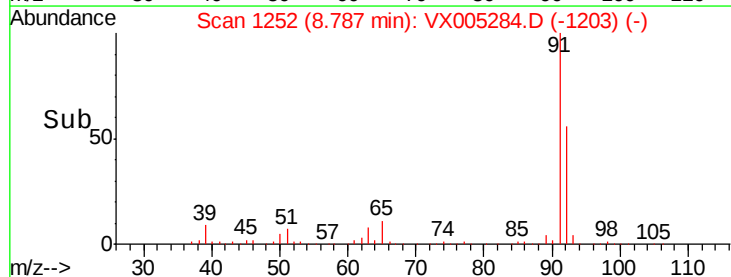
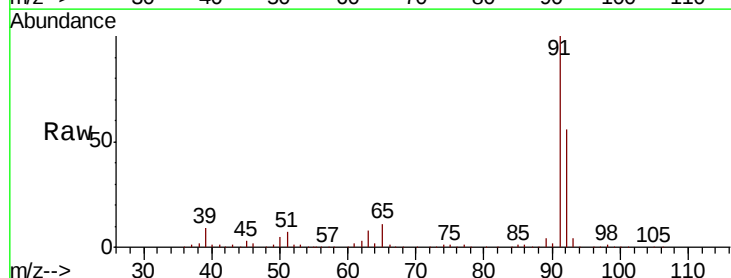
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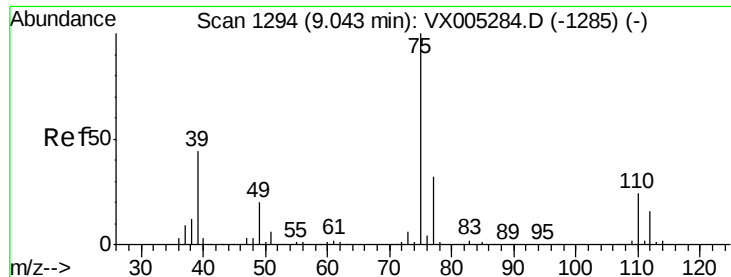
MMDadoda
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#52
 Toluene
 Concen: 36.609 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX005284.D
 Acq: 12 Oct 2018 10:05

Tgt Ion: 92 Resp: 323255
 Ion Ratio Lower Upper
 92 100
 91 174.6 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 38.716 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 194852

Ion Ratio Lower Upper

75 100

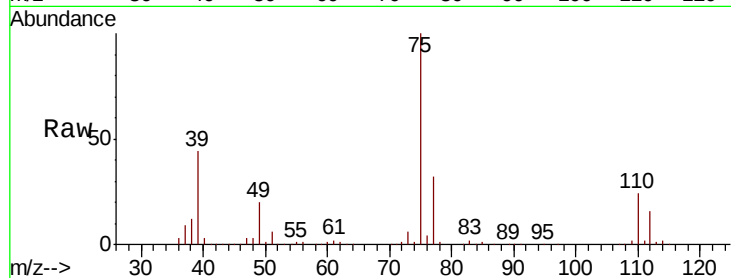
77 31.9 24.6 37.0

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

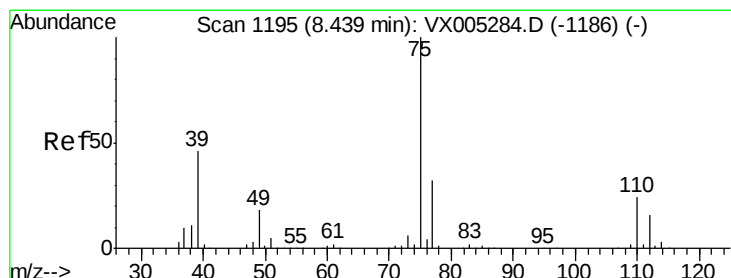
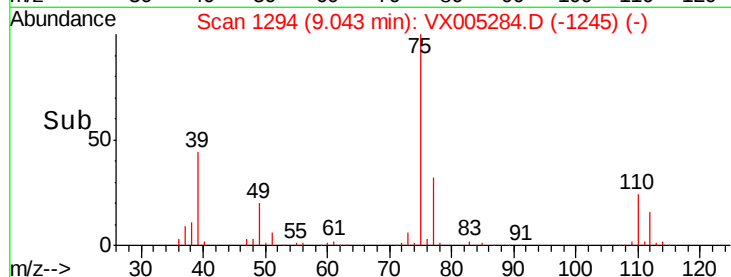
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 40.714 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

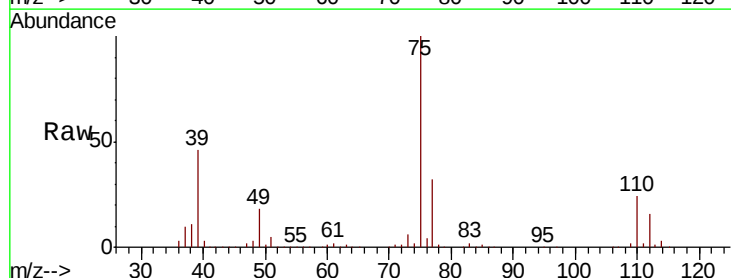
Tgt Ion: 75 Resp: 208881

Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.2

39 45.7 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.44

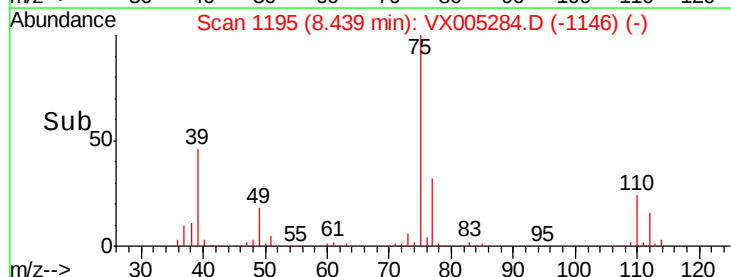
150000

100000

50000

0

Time-->





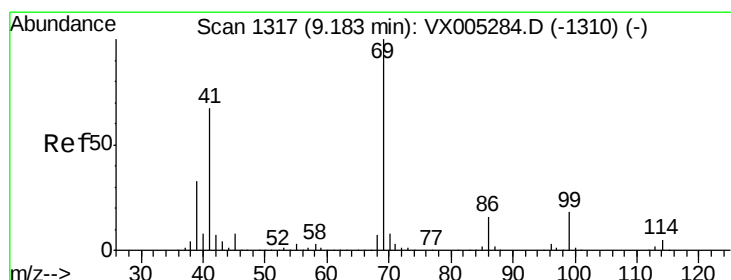
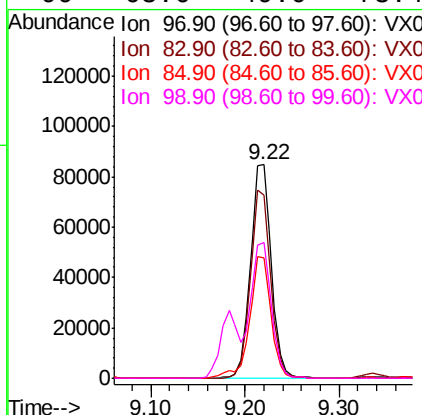
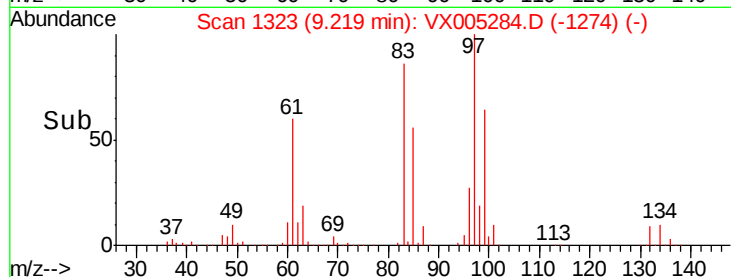
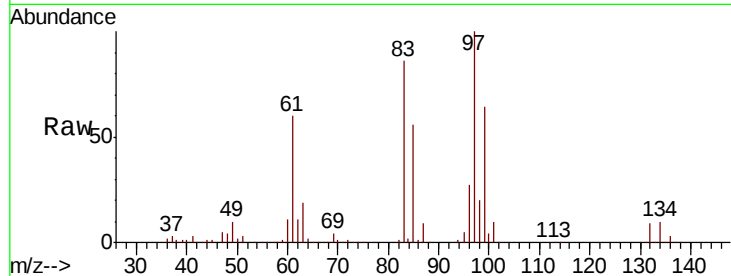
#55
 1,1,2-Trichloroethane
 Concen: 34.724 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005284.D
 Acq: 12 Oct 2018 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	132020		
83	86.0	66.4	99.6	
85	56.3	43.3	64.9	
99	63.6	49.0	73.4	

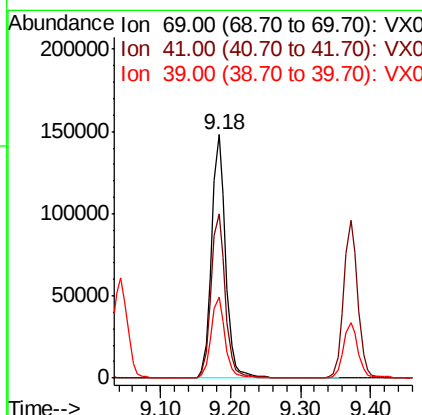
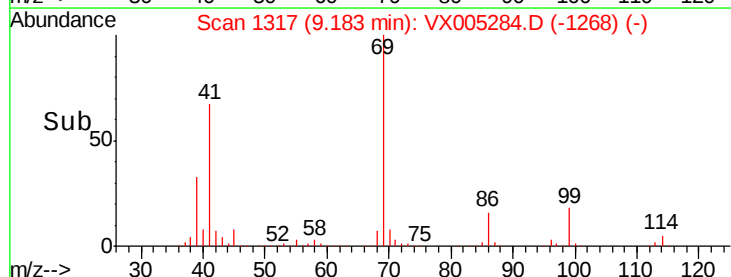
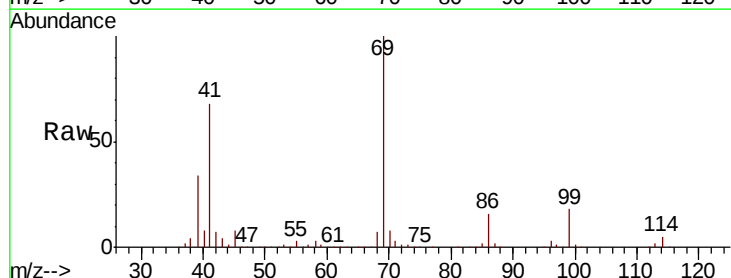
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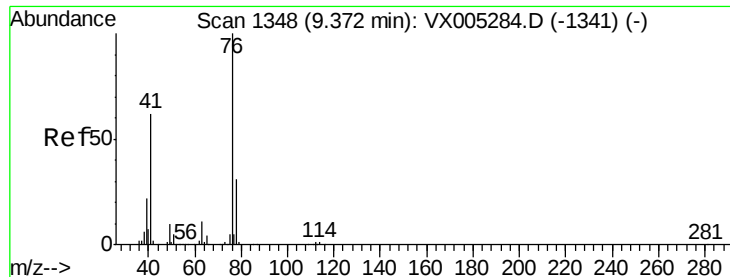
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 10/17/2018 9:04:30 AM



#56
 Ethyl methacrylate
 Concen: 38.366 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005284.D
 Acq: 12 Oct 2018 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	206357		
41	68.8	51.0	76.4	
39	33.3	26.1	39.1	





#57

1,3-Dichloropropane

Concen: 35.535 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 219516

Ion Ratio Lower Upper

76 100

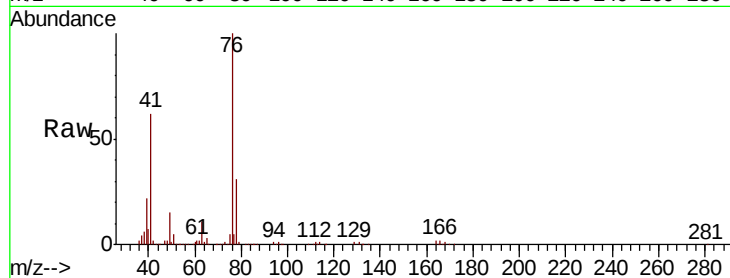
78 32.0 25.5 38.3

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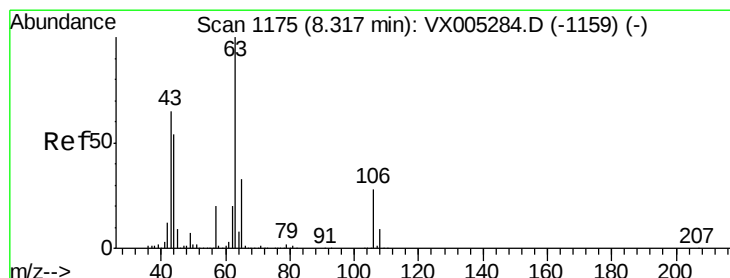
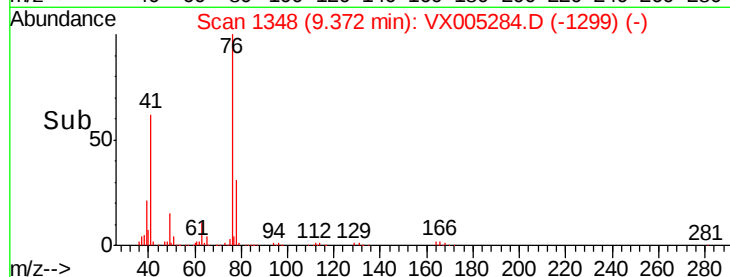
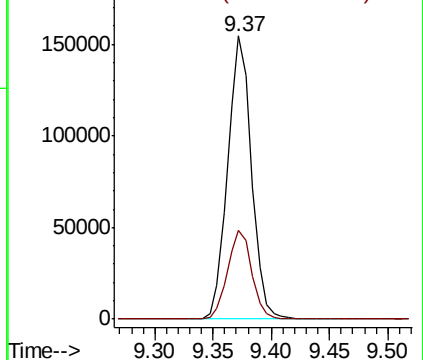
MMDadoda

10/17/2018 9:04:30 AM



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: 234.561 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX005284.D

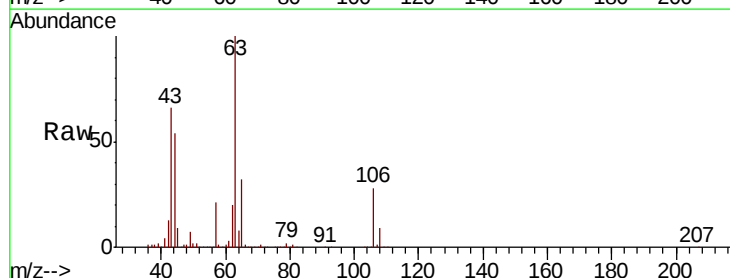
Acq: 12 Oct 2018 10:05

Tgt Ion: 63 Resp: 578779

Ion Ratio Lower Upper

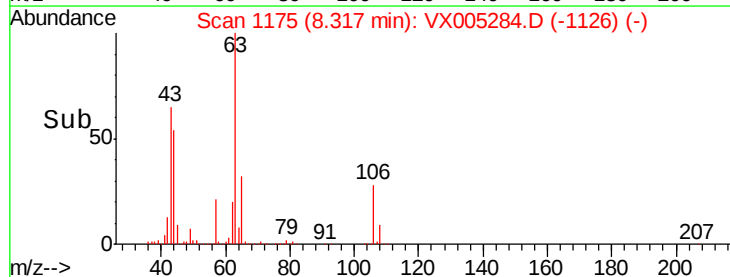
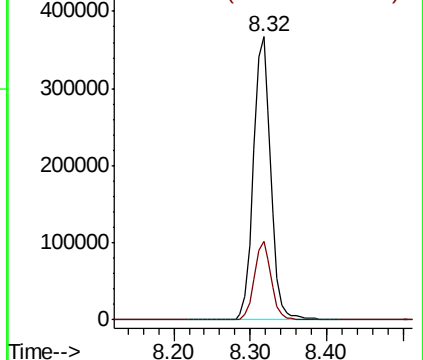
63 100

106 27.2 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





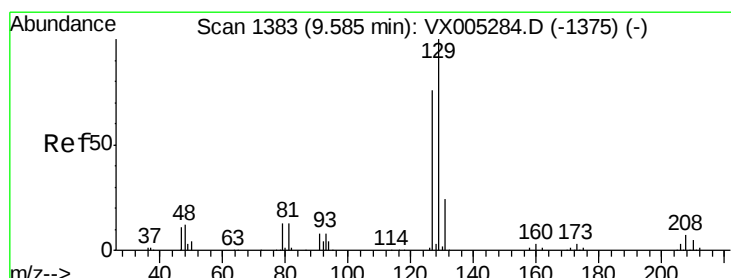
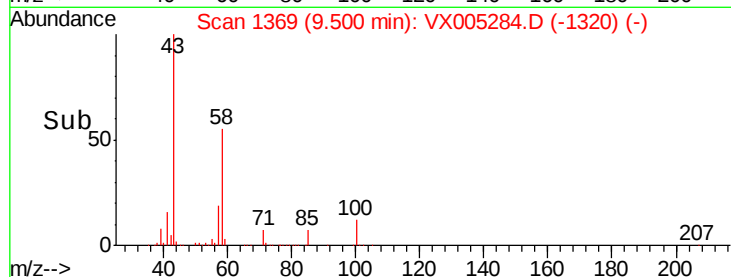
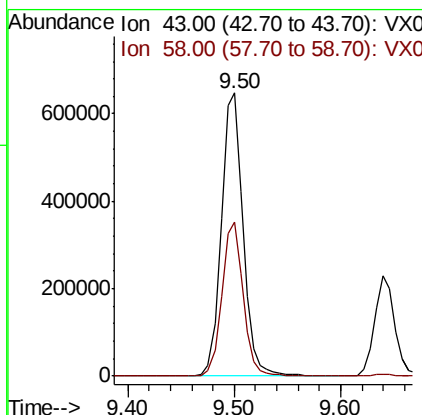
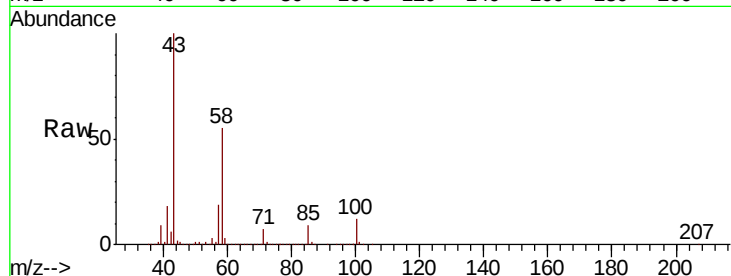
#59
2-Hexanone
Concen: 223.552 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 923333
Ion Ratio Lower Upper
43 100
58 53.5 29.0 87.0

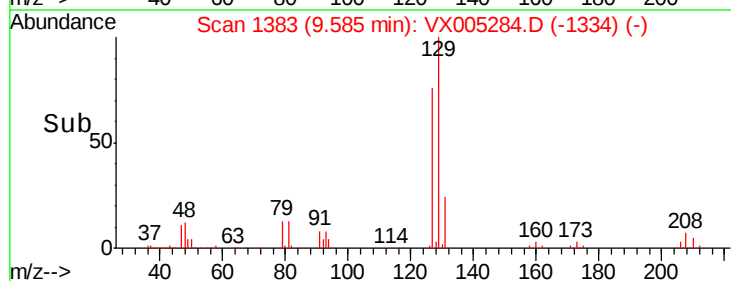
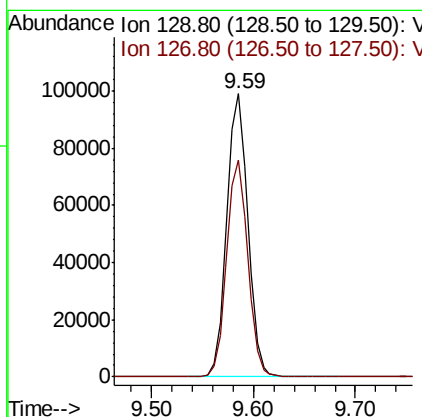
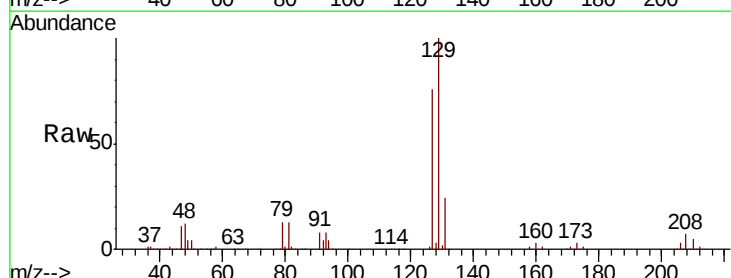
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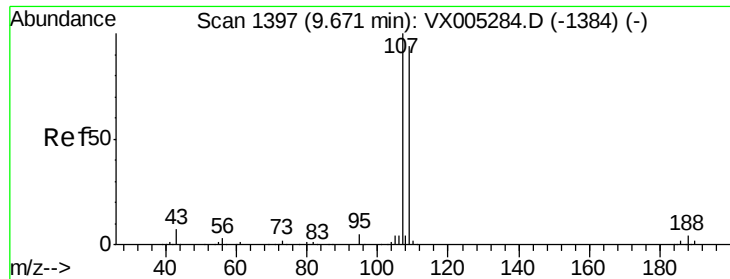
MMDadoda
10/17/2018 9:04:30 AM



#60
Dibromochloromethane
Concen: 39.577 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Tgt Ion: 129 Resp: 141658
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





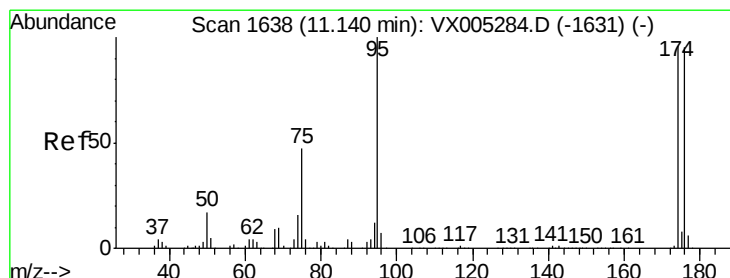
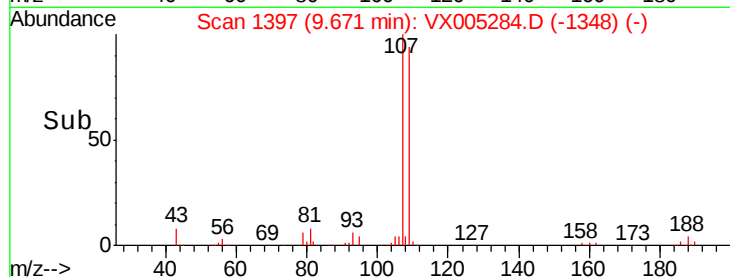
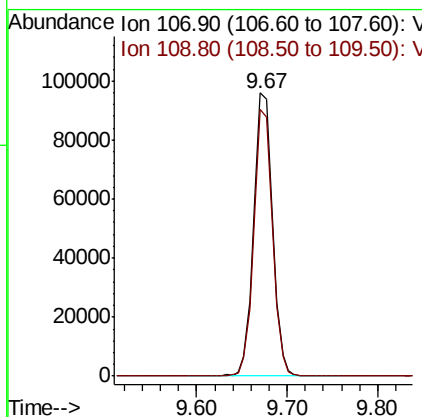
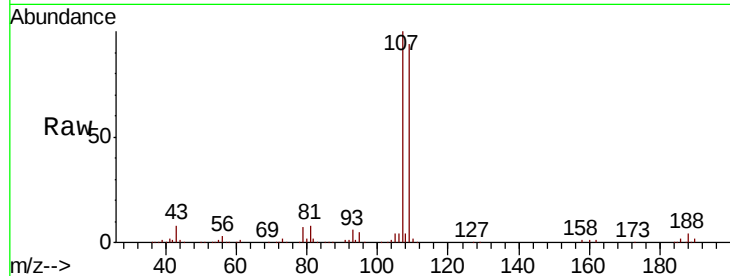
#61
 1,2-Dibromoethane
 Concen: 38.396 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX005284.D
 Acq: 12 Oct 2018 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 107 Resp: 139454
 Ion Ratio Lower Upper
 107 100
 109 93.5 76.0 114.0

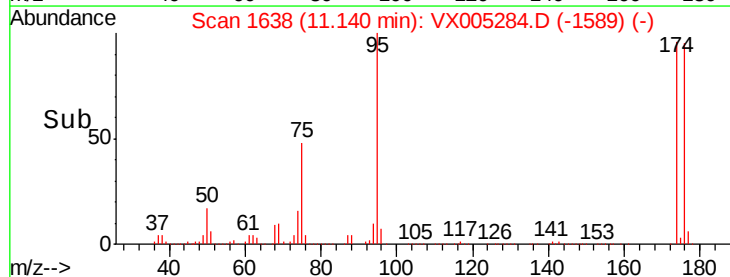
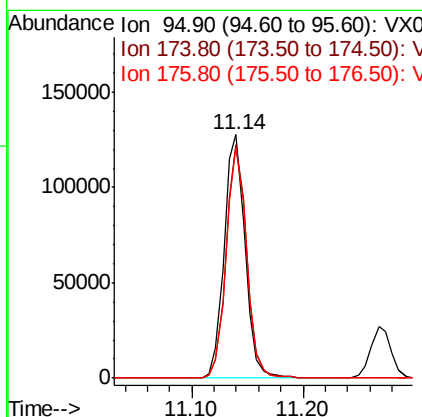
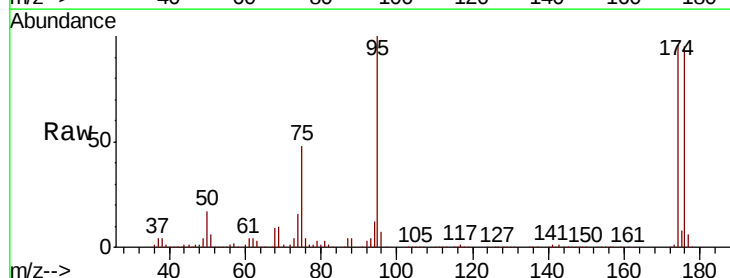
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#62
 4-Bromofluorobenzene
 Concen: 36.495 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX005284.D
 Acq: 12 Oct 2018 10:05

Tgt Ion: 95 Resp: 166329
 Ion Ratio Lower Upper
 95 100
 174 94.0 0.0 185.2
 176 92.2 0.0 178.6





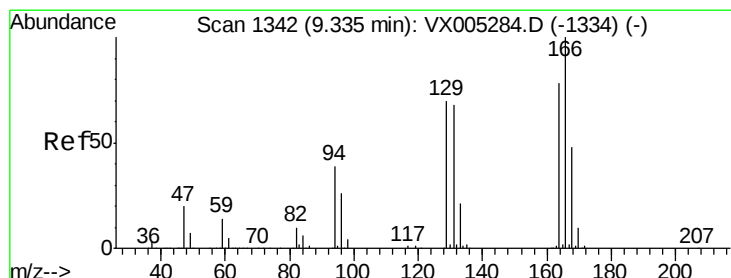
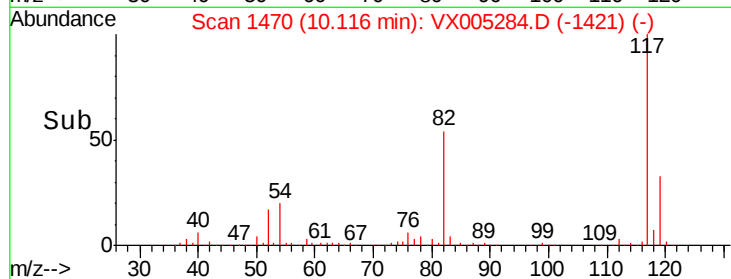
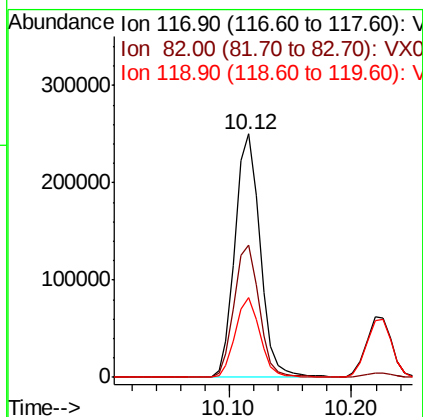
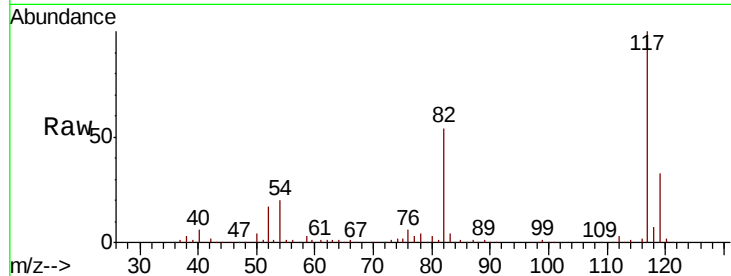
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	356170		
82	54.3	47.8	71.6	
119	32.9	29.3	43.9	

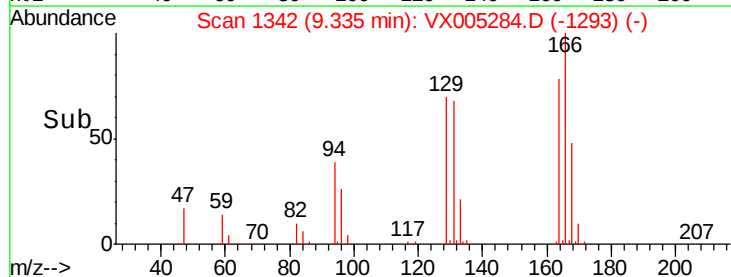
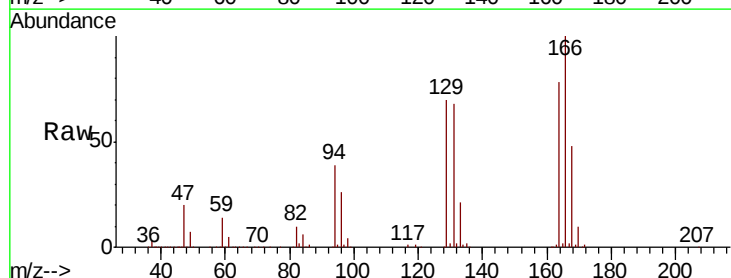
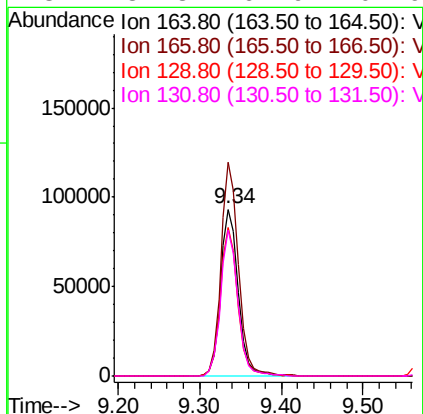
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#64
Tetrachloroethene
Concen: 31.510 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	140121		
166	128.1	102.8	154.2	
129	89.0	69.4	104.0	
131	87.3	67.9	101.9	





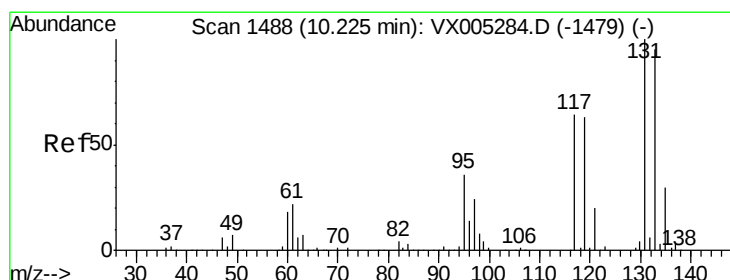
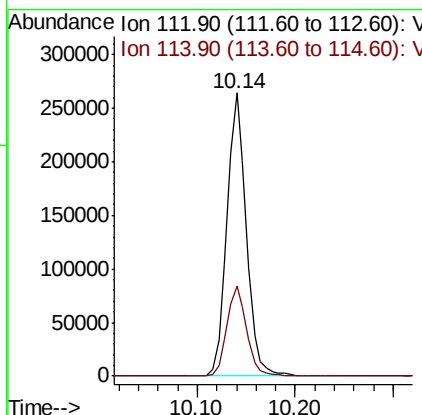
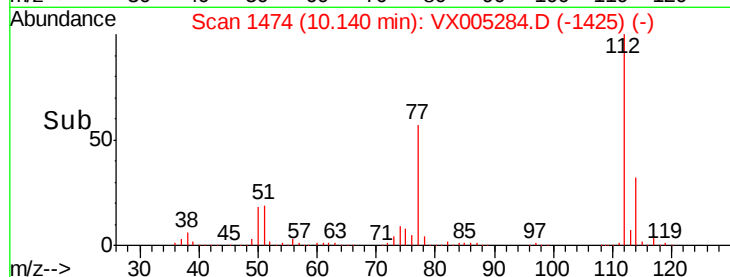
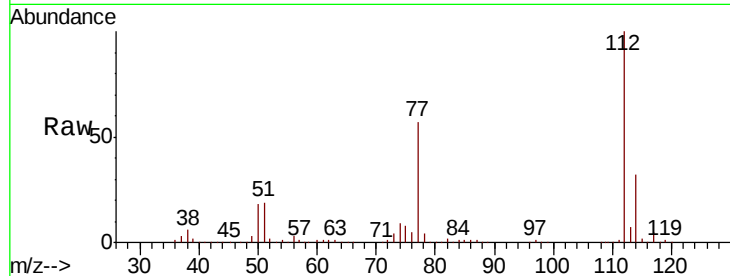
#65
Chlorobenzene
Concen: 41.127 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 363855
Ion Ratio Lower Upper
112 100
114 32.0 27.8 41.8

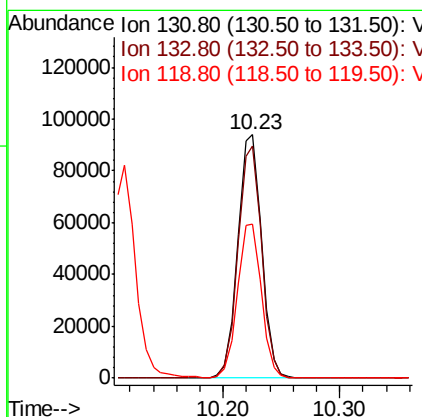
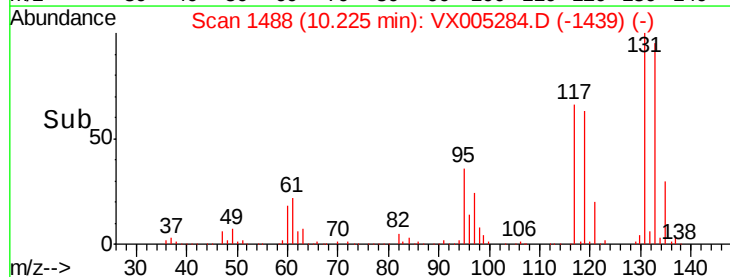
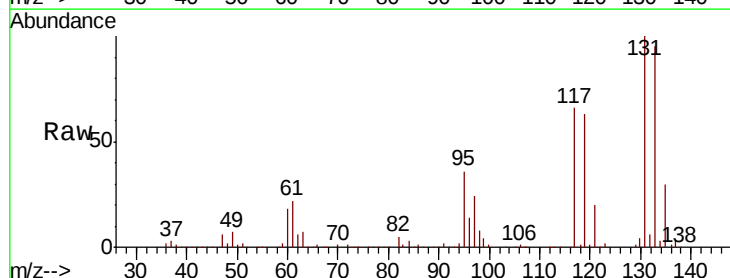
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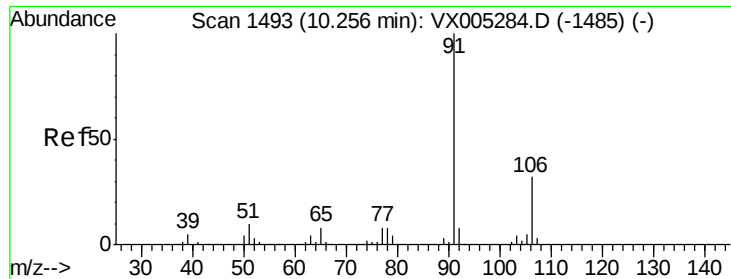
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#66
1,1,1,2-Tetrachloroethane
Concen: 44.020 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Tgt Ion:131 Resp: 134300
Ion Ratio Lower Upper
131 100
133 94.9 48.1 144.4
119 63.9 32.9 98.6





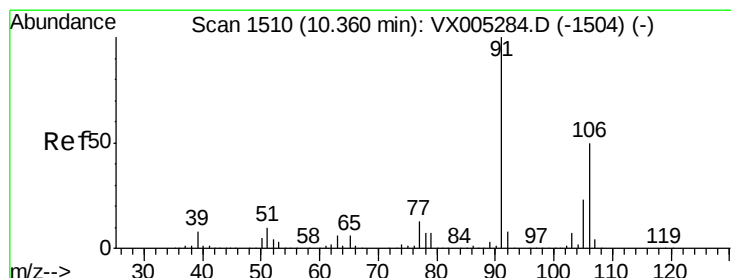
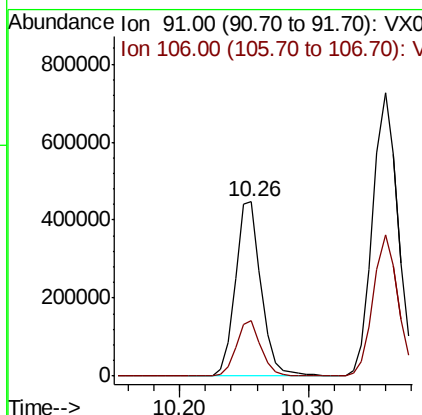
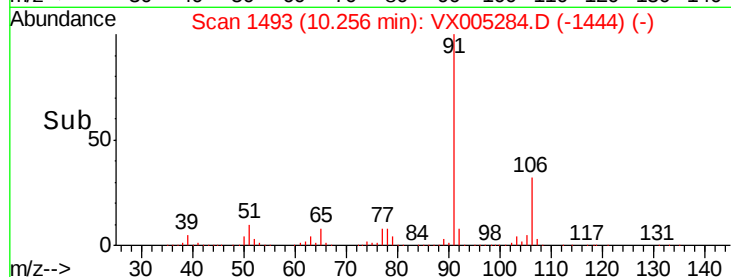
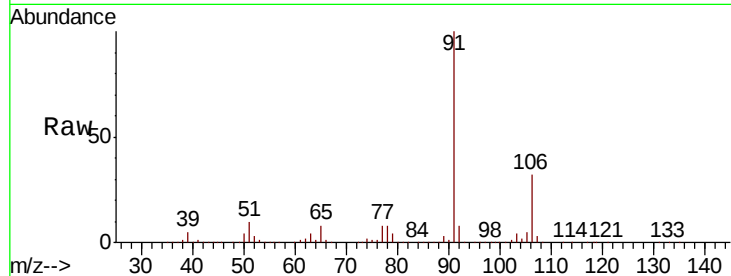
#67
Ethyl Benzene
Concen: 43.225 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 621819
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9

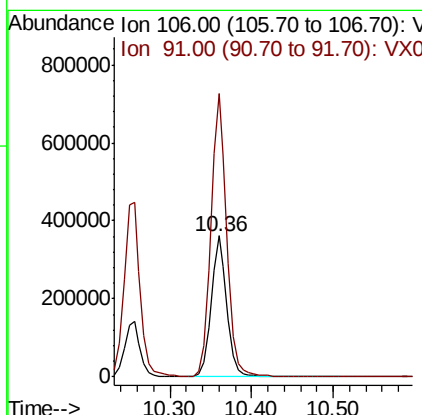
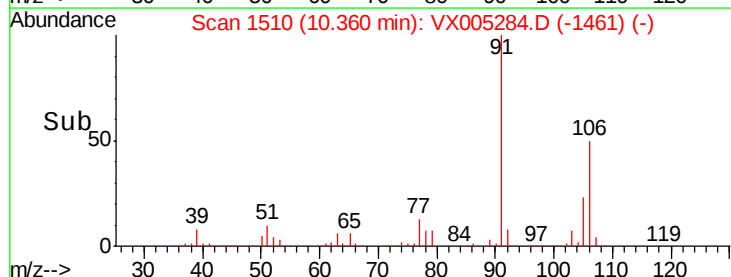
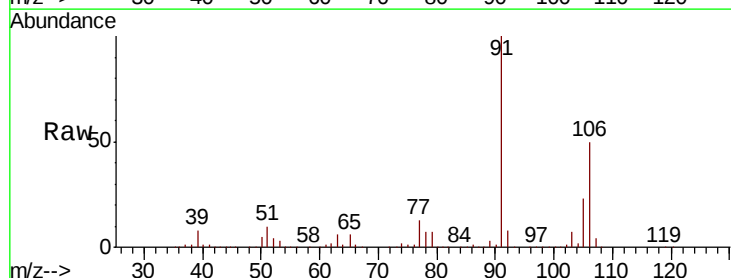
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#68
m/p-Xylenes
Concen: 88.416 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Tgt Ion: 106 Resp: 489942
Ion Ratio Lower Upper
106 100
91 203.7 157.1 235.7





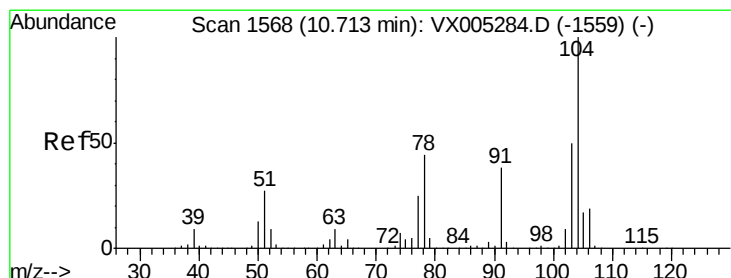
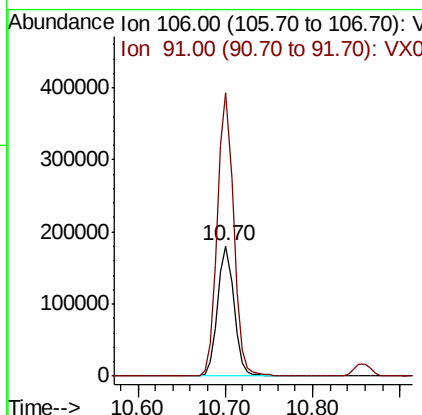
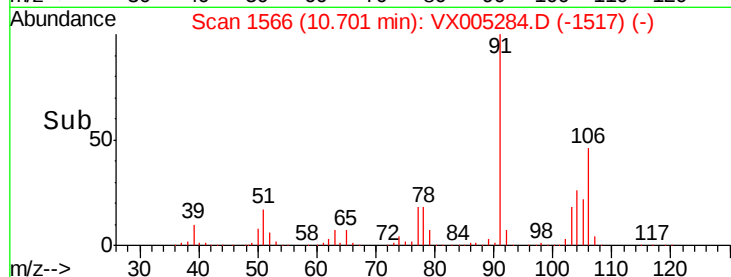
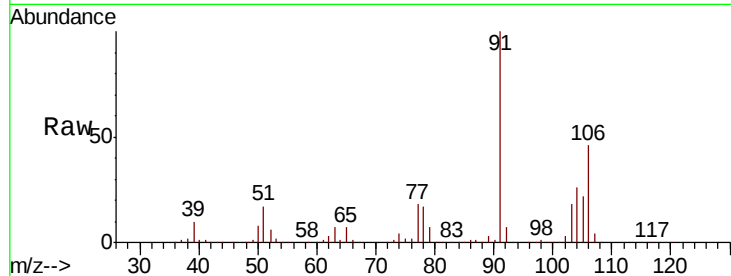
#69
o-Xylene
Concen: 43.840 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 233551
Ion Ratio Lower Upper
106 100
91 216.0 105.1 315.1

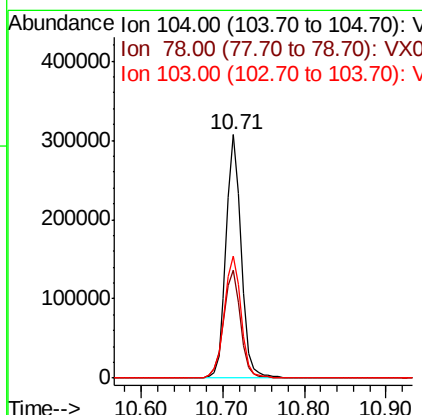
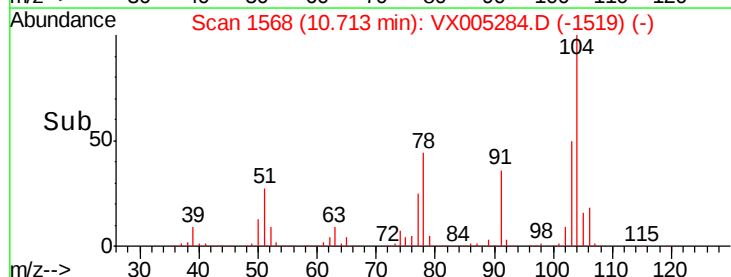
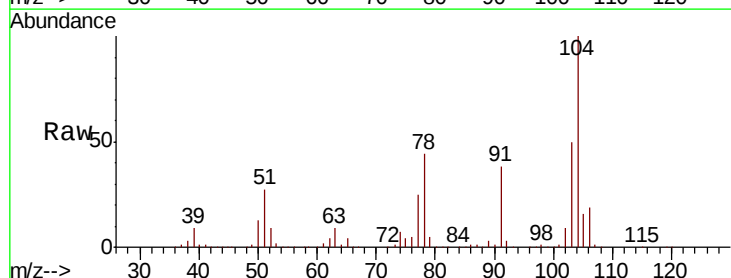
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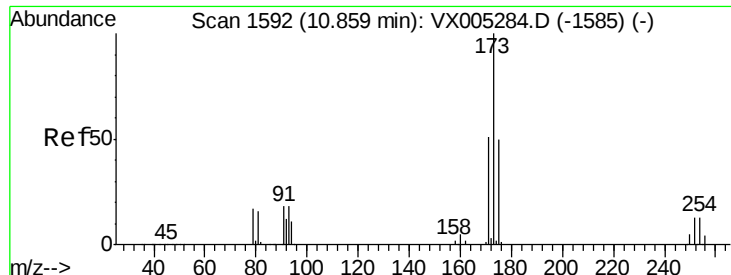
MMDadoda
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#70
Styrene
Concen: 44.865 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Tgt Ion:104 Resp: 395969
Ion Ratio Lower Upper
104 100
78 49.6 37.4 56.0
103 55.6 43.8 65.6





#71

Bromoform

Concen: 46.986 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 117702

Ion Ratio Lower Upper

173 100

175 49.3 24.1 72.3

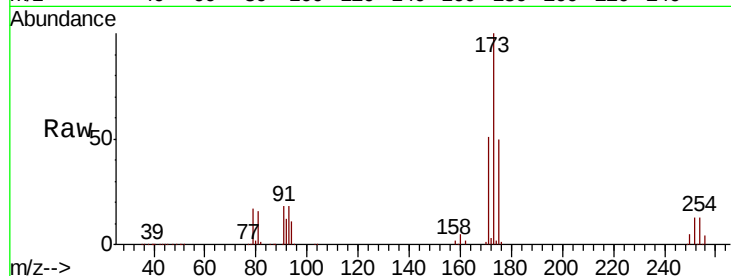
254 0.2 0.2 0.2

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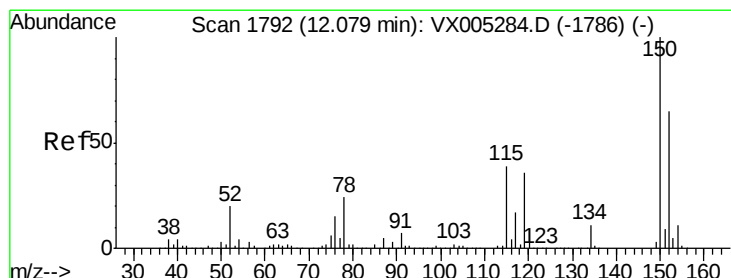
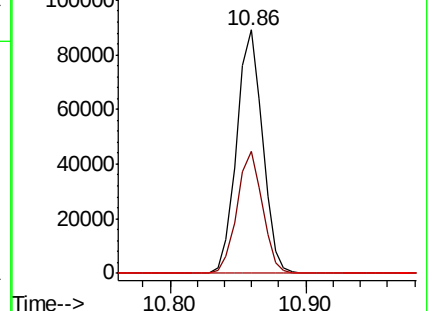
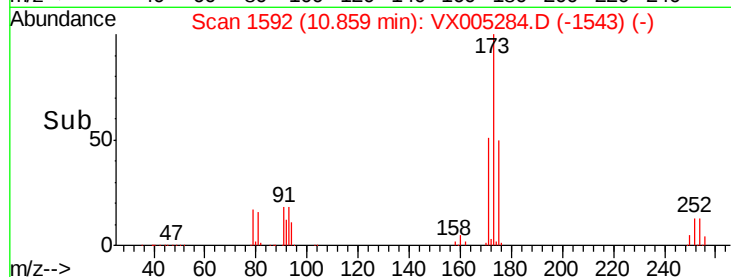
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

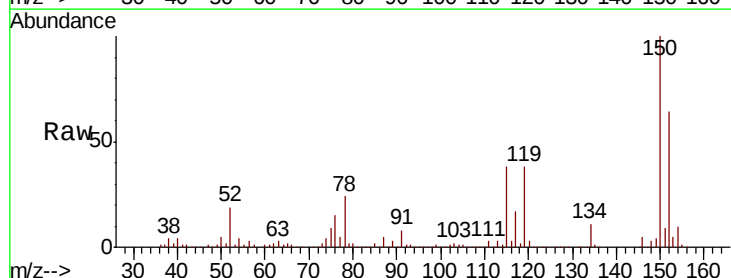
Tgt Ion:152 Resp: 203728

Ion Ratio Lower Upper

152 100

115 76.8 39.0 117.0

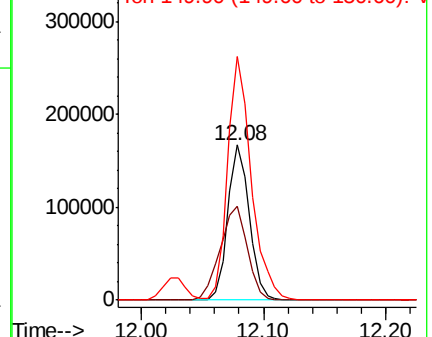
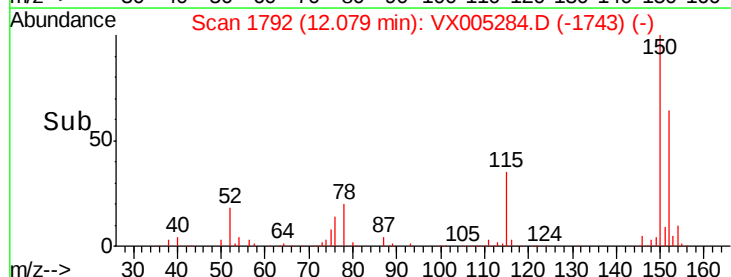
150 172.1 0.0 351.0



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: 47.393 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 105 Resp: 635892

Ion Ratio Lower Upper

105 100

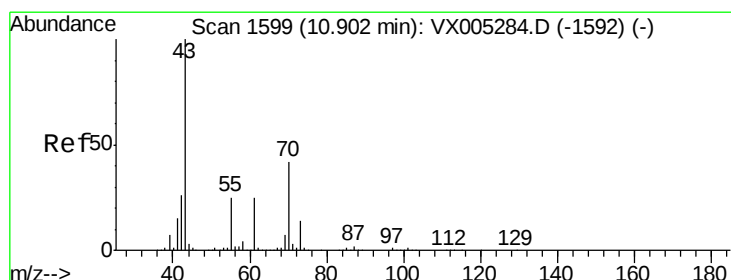
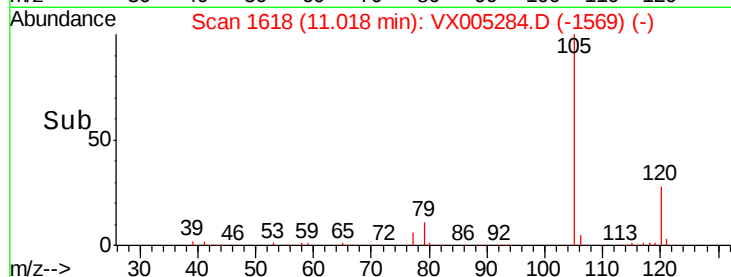
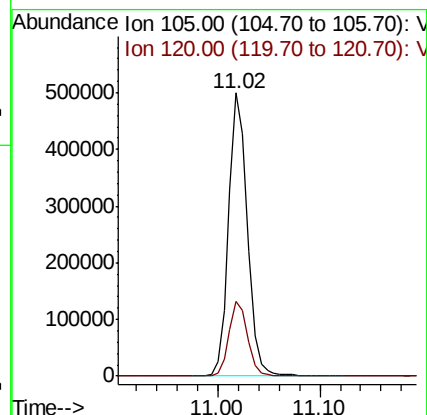
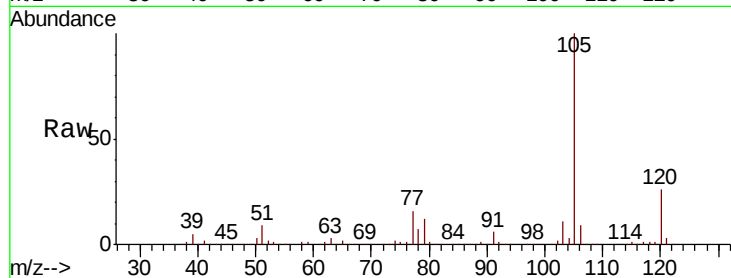
120 26.6 13.5 40.4

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#74

N-ethyl acetate

Concen: 53.141 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

Tgt Ion: 43 Resp: 300110

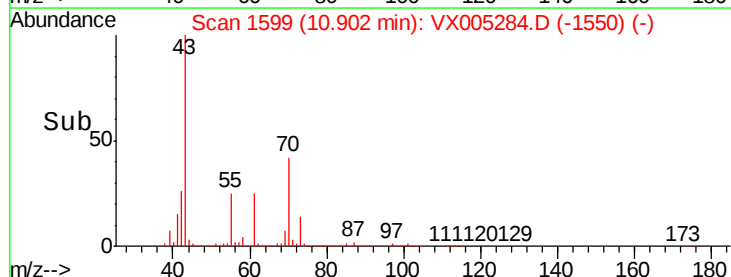
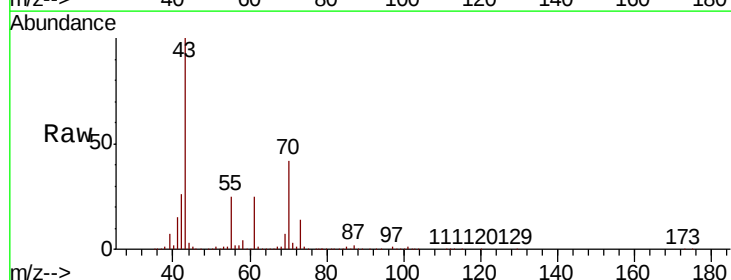
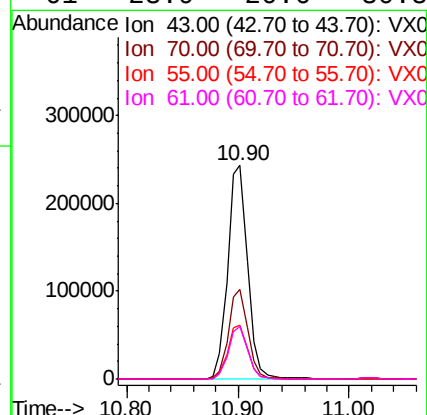
Ion Ratio Lower Upper

43 100

70 41.0 37.4 56.0

55 25.6 21.8 32.8

61 23.9 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.048 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 216599
Ion Ratio Lower Upper

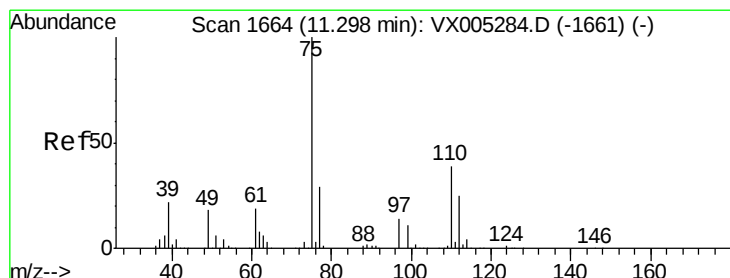
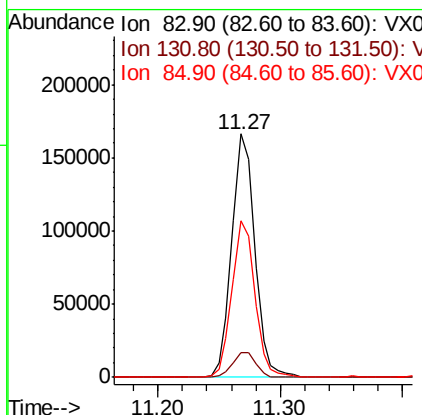
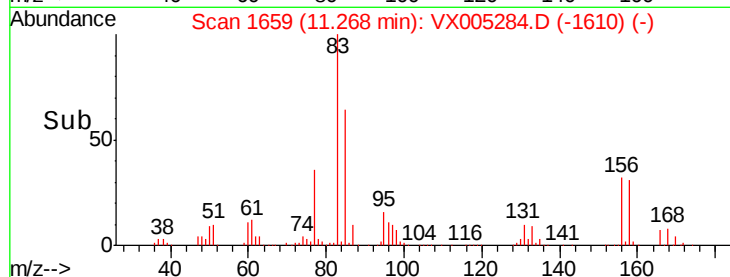
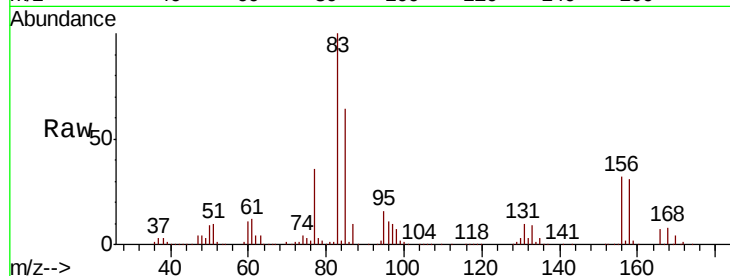
83 100

131 10.5 5.2 15.6

85 64.3 32.3 96.8

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#76

1,2,3-Trichloropropane

Concen: 47.614 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

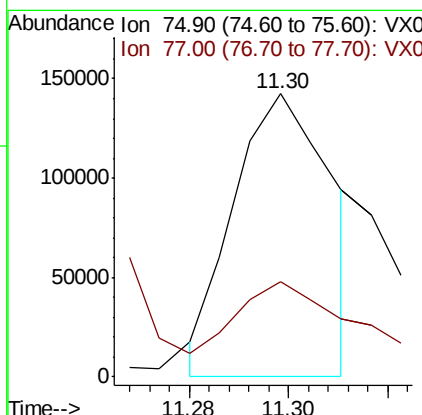
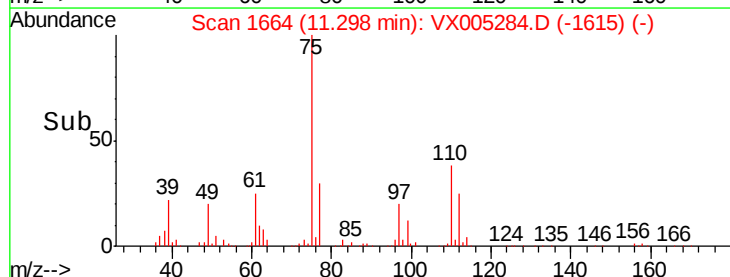
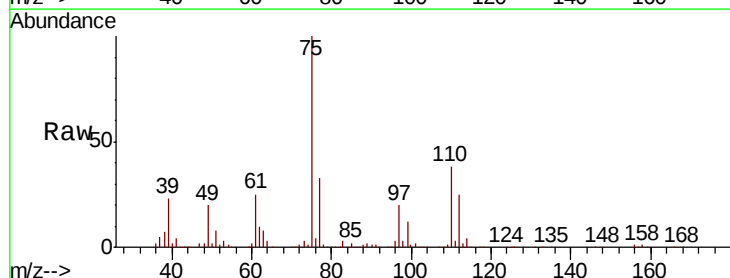
Lab File: VX005284.D

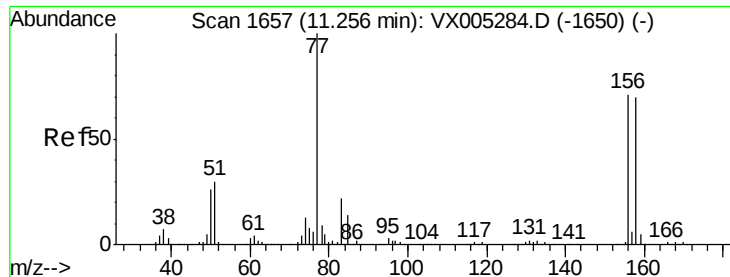
Acq: 12 Oct 2018 10:05

Tgt Ion: 75 Resp: 195162
Ion Ratio Lower Upper

75 100

77 42.8 20.2 60.6





#77

Bromobenzene

Concen: 46.099 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

Instrument :

MSVOA_X

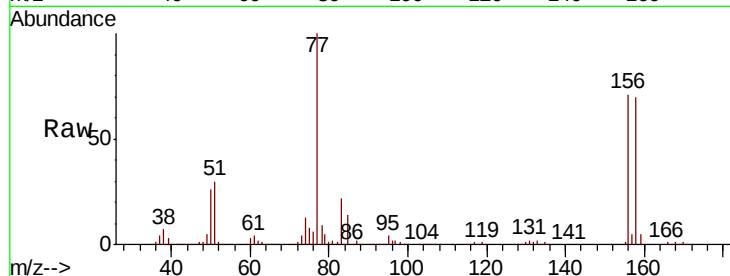
ClientSampleId :

VSTDICCC050

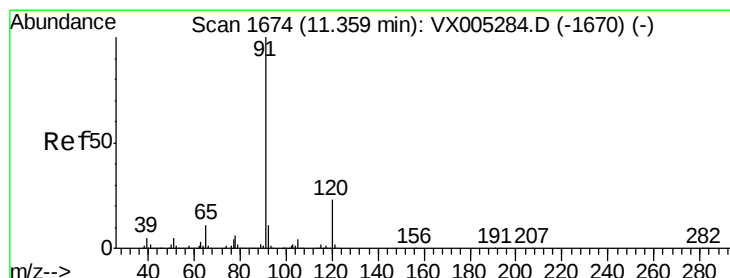
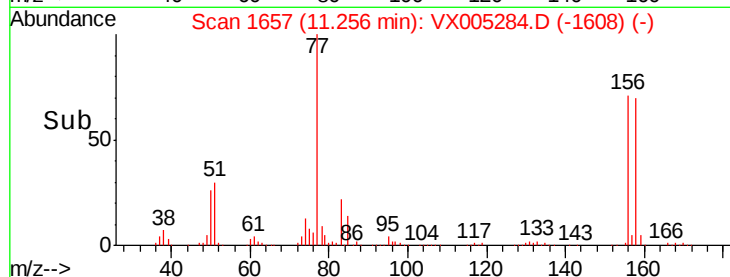
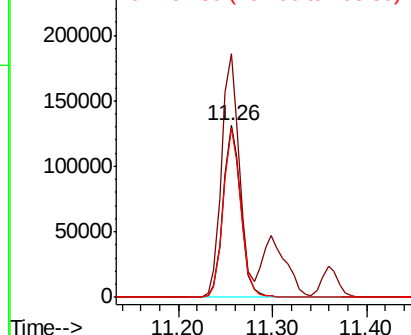
Tgt Ion:	156	Resp:	170961
Ion Ratio	Lower	Upper	
156	100		
77	142.9	71.5	214.3
158	97.7	48.9	146.8

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.002 ug/l

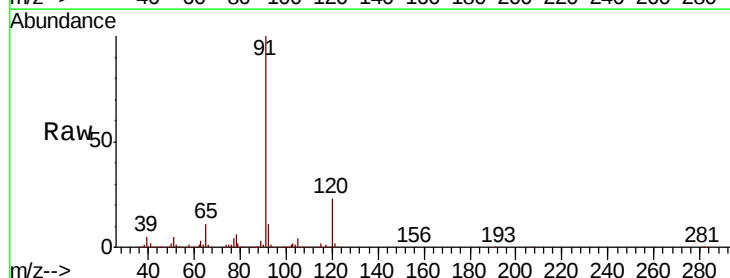
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

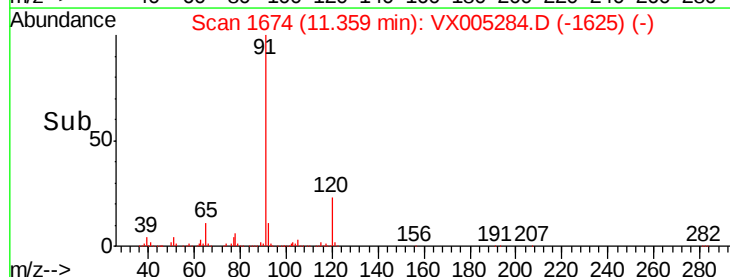
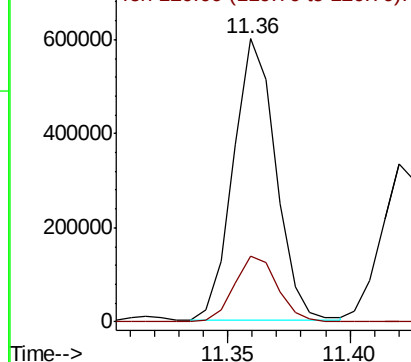
Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

Tgt Ion:	91	Resp:	725106
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.256 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 432793

Ion Ratio Lower Upper

91 100

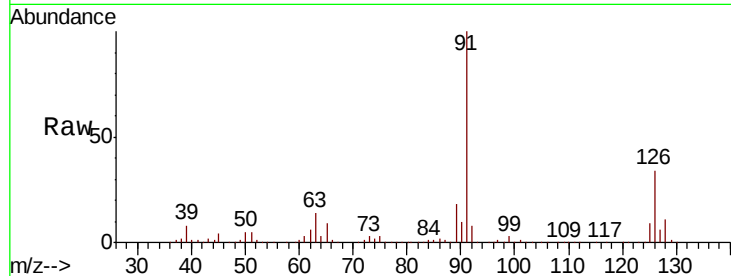
126 35.0 17.9 53.7

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

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

600000

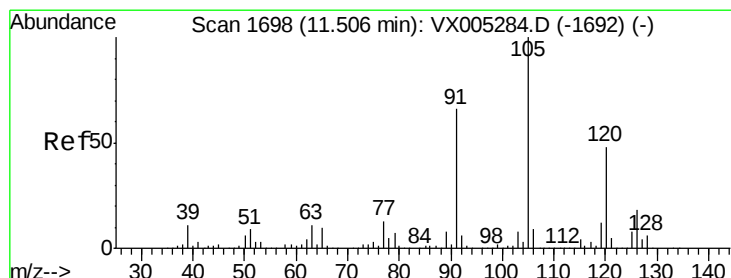
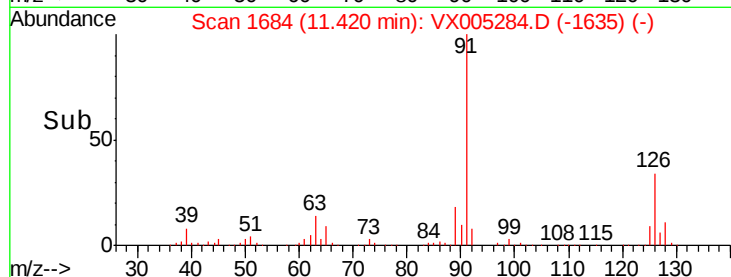
400000

200000

0

11.40 11.42 11.44 11.46 11.48 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.556 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005284.D

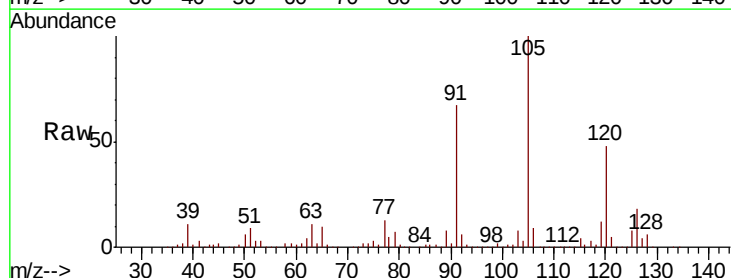
Acq: 12 Oct 2018 10:05

Tgt Ion: 105 Resp: 547679

Ion Ratio Lower Upper

105 100

120 48.7 25.6 76.8



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

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

500000

400000

300000

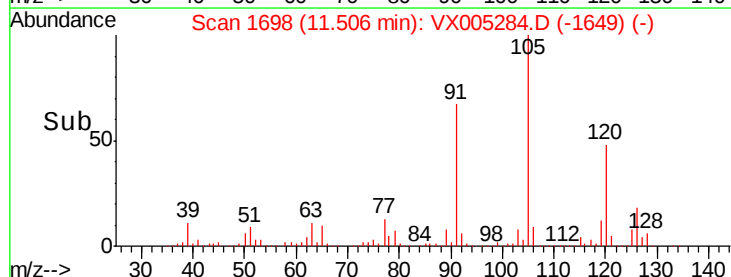
200000

100000

0

11.50 11.51 11.52 11.53 11.54 11.55 11.56 11.57 11.58 11.59 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 50.754 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 65265

Ion Ratio Lower Upper

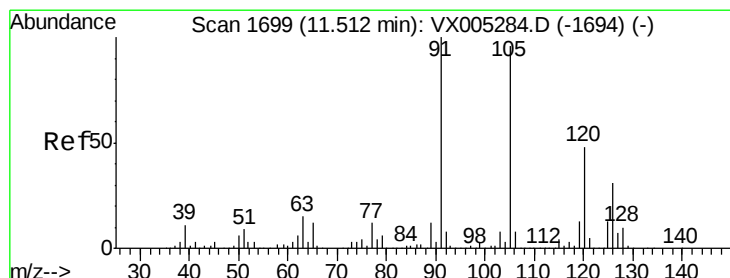
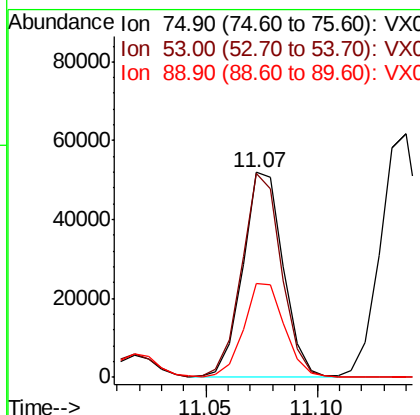
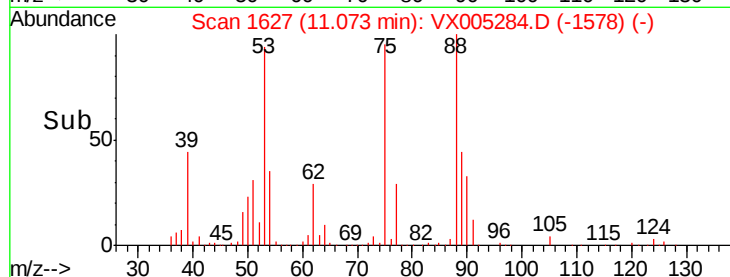
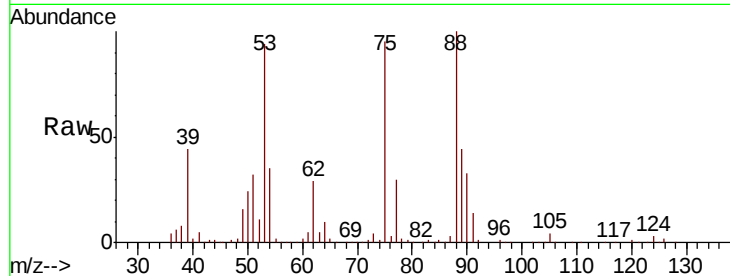
75 100

53 98.1 80.1 120.1

89 47.1 37.2 55.8

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#82

4-Chlorotoluene

Concen: 47.084 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005284.D

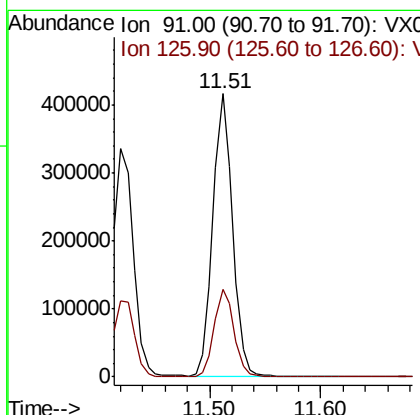
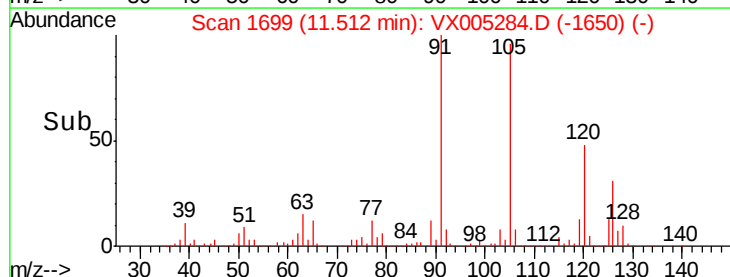
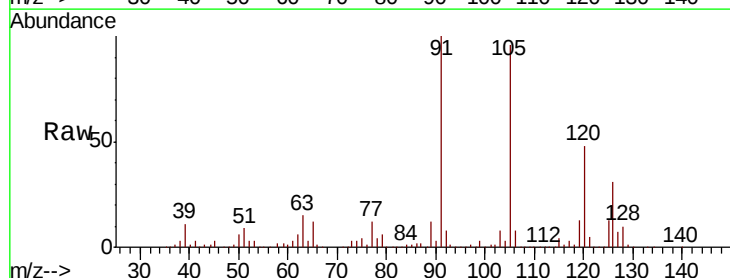
Acq: 12 Oct 2018 10:05

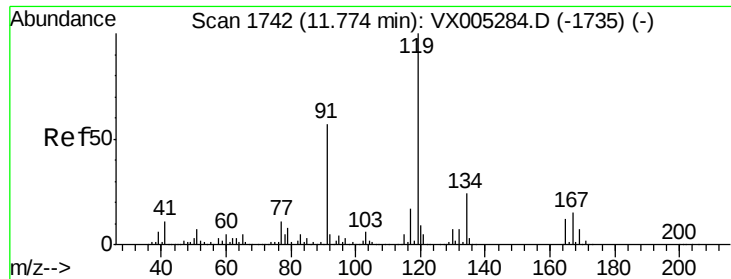
Tgt Ion: 91 Resp: 514176

Ion Ratio Lower Upper

91 100

126 31.2 15.5 46.5





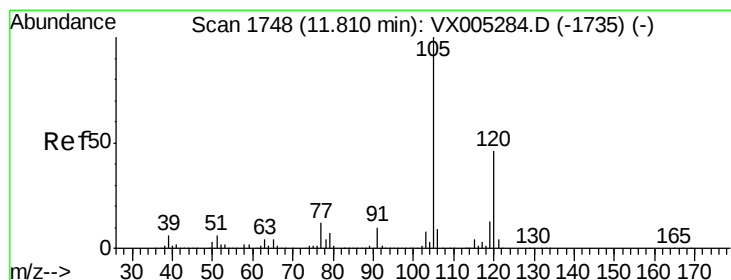
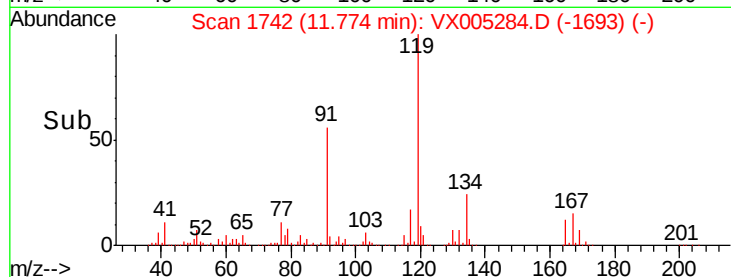
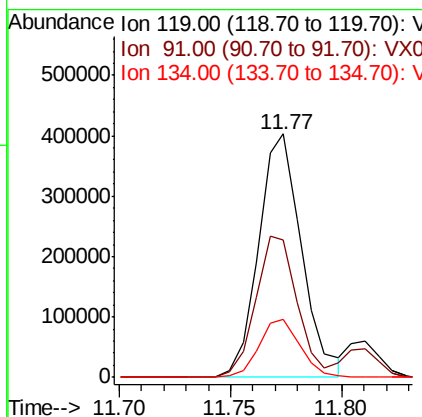
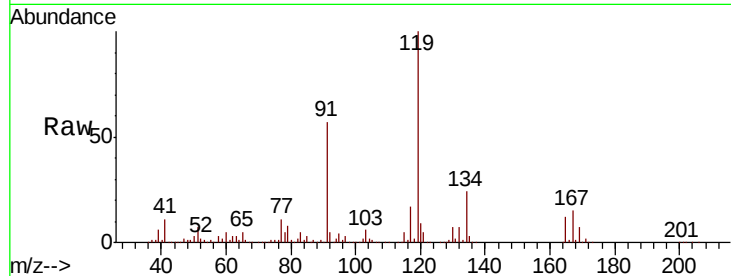
#83
 tert-Butylbenzene
 Concen: 50.269 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005284.D
 Acq: 12 Oct 2018 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	539805		
91	55.8	27.0	81.0	
134	22.9	11.7	35.1	

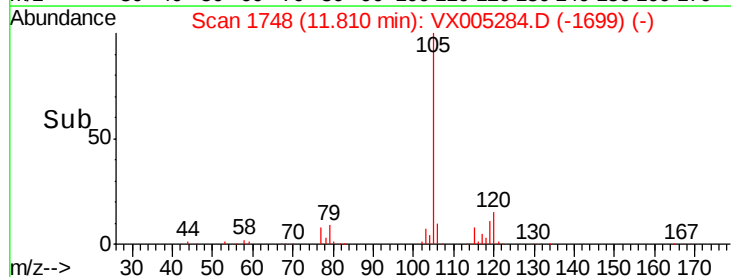
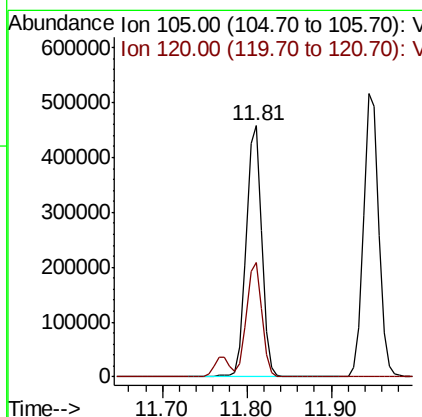
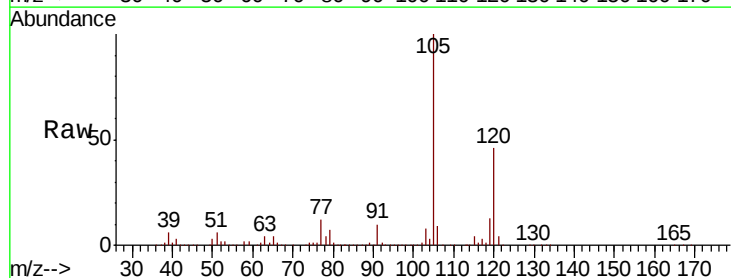
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.915 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005284.D
 Acq: 12 Oct 2018 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	563317		
120	44.8	23.2	69.6	





#85

sec-Butylbenzene

Concen: 47.538 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 650519

Ion Ratio Lower Upper

105 100

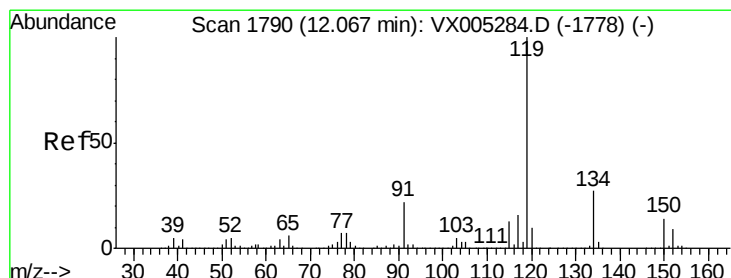
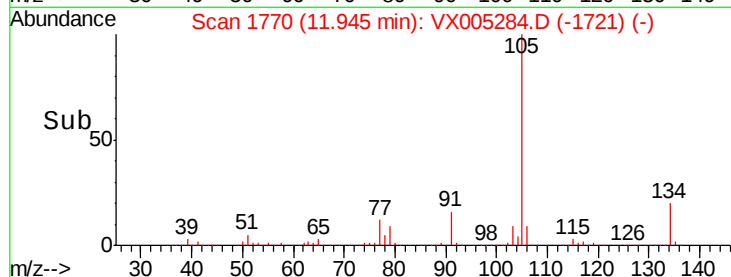
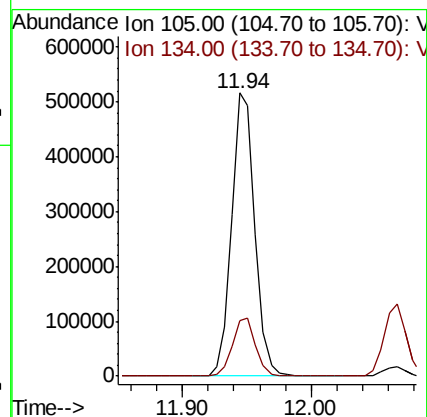
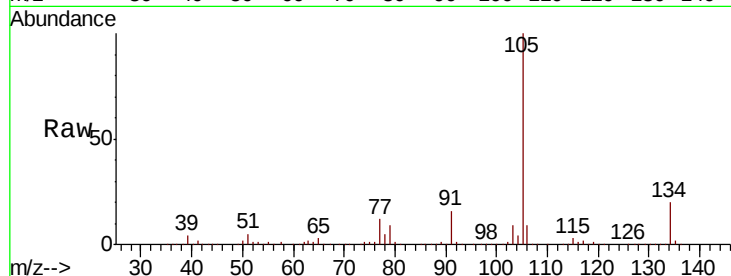
134 20.5 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 49.143 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

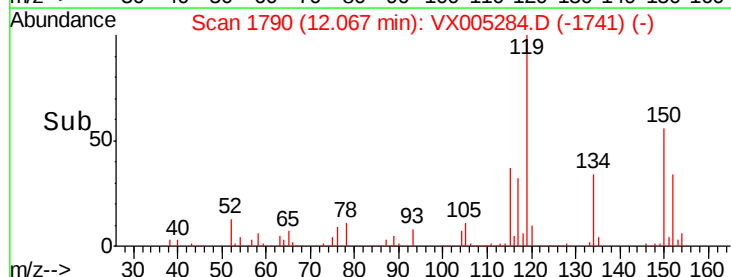
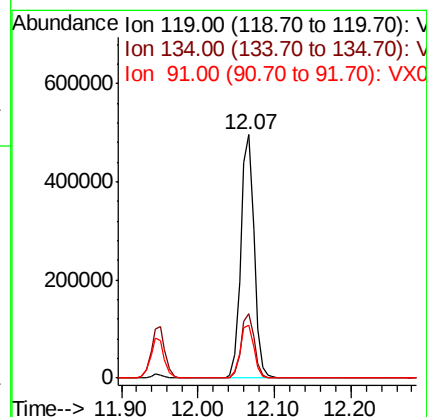
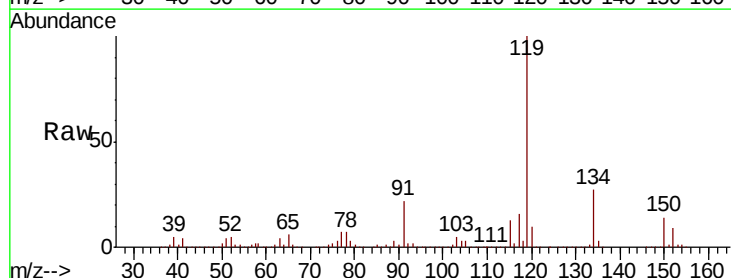
Tgt Ion:119 Resp: 593846

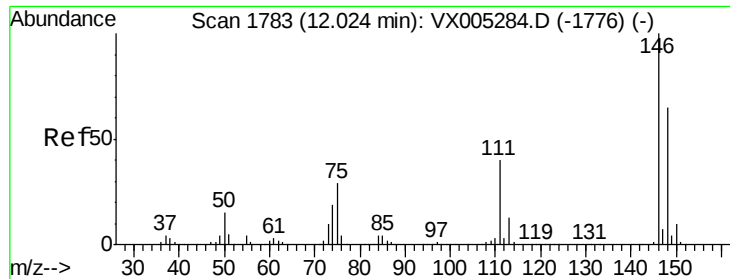
Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.2

91 22.6 10.9 32.7





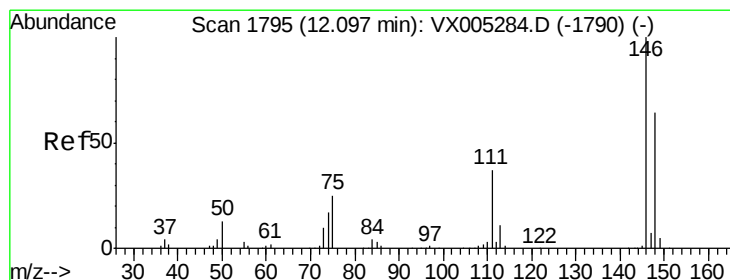
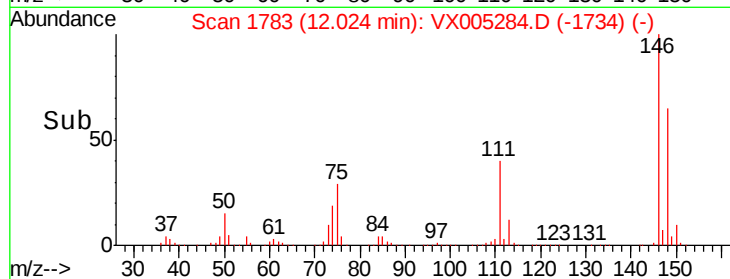
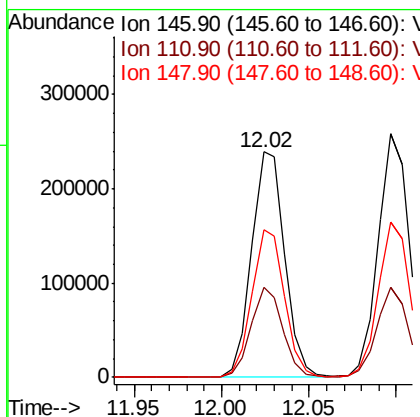
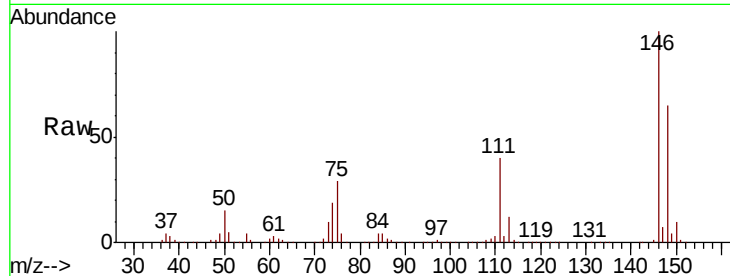
#87
 1,3-Dichlorobenzene
 Concen: 46.003 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005284.D
 Acq: 12 Oct 2018 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.7	56.1
148	64.5	32.1	96.5

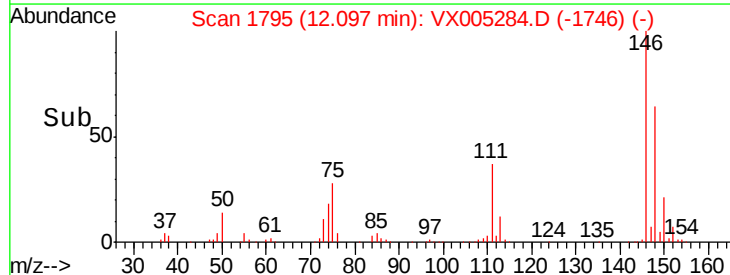
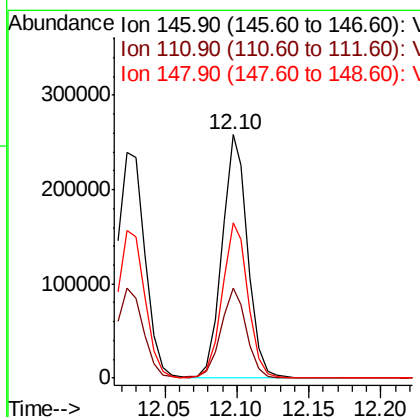
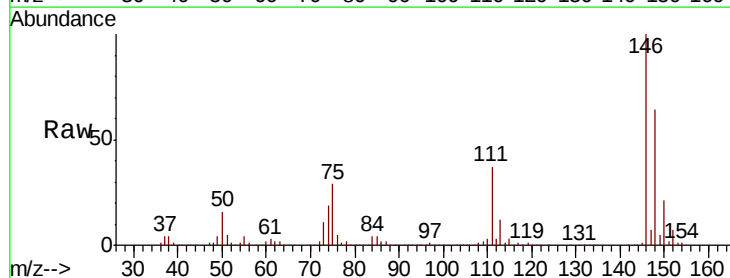
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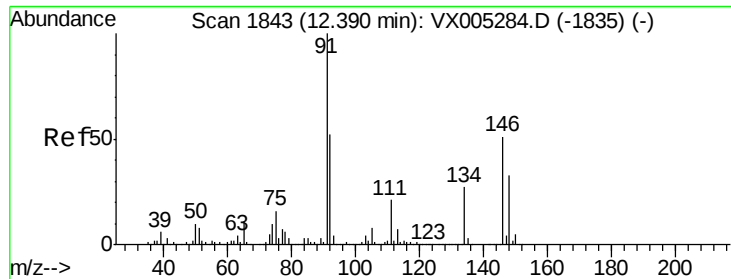
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#88
 1,4-Dichlorobenzene
 Concen: 44.829 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005284.D
 Acq: 12 Oct 2018 10:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.1
148	64.6	32.0	96.0





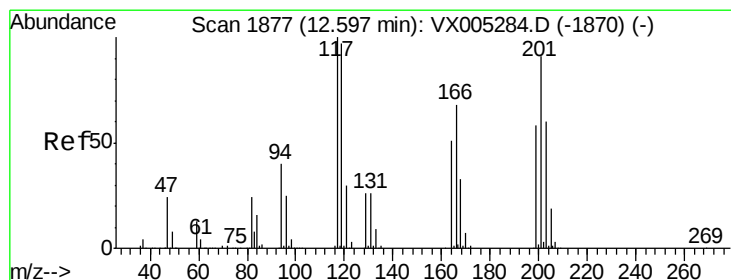
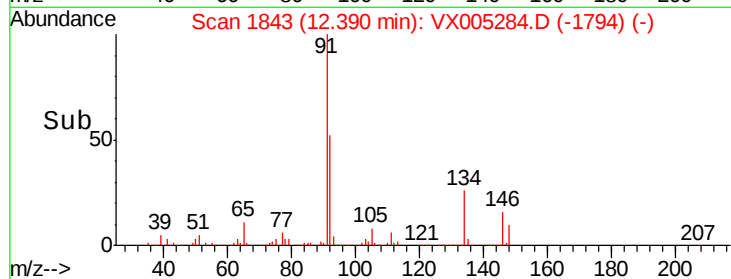
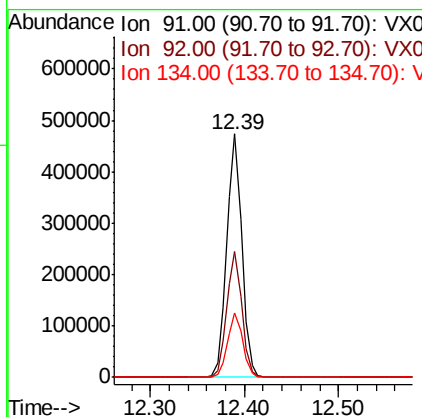
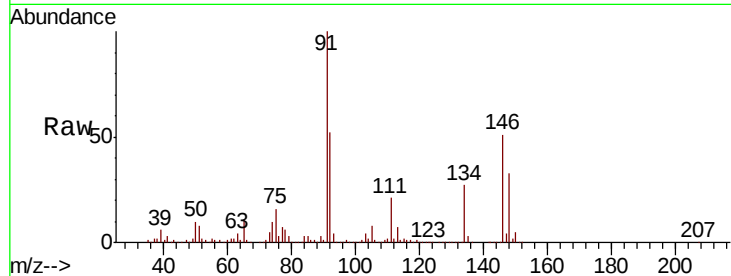
#89
n-Butylbenzene
Concen: 47.748 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	525785		
92	51.8	27.3	81.9	
134	26.9	13.6	40.7	

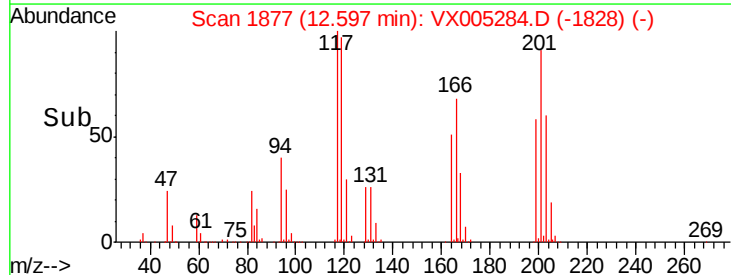
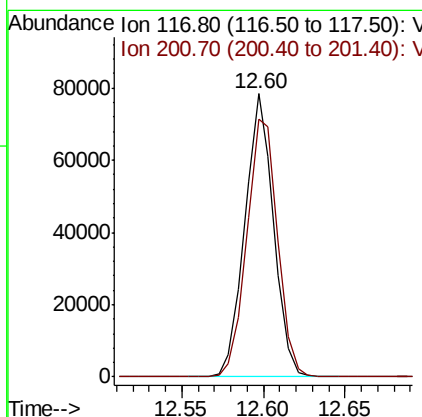
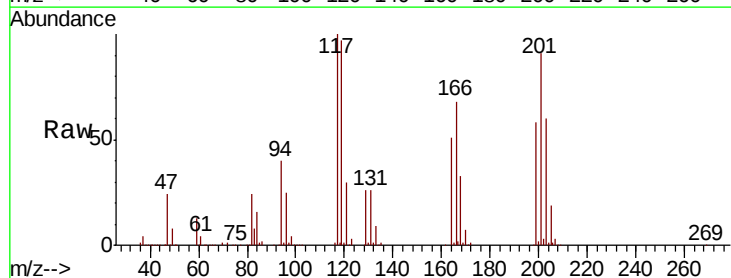
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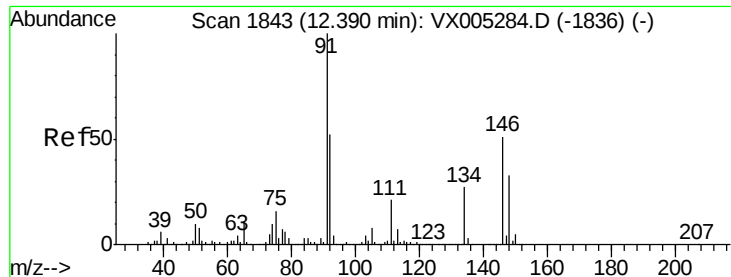
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#90
Hexachloroethane
Concen: 49.730 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	96204		
201	97.7	46.9	140.6	





#91

1,2-Dichlorobenzene

Concen: 45.780 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

Instrument :

MSVOA_X

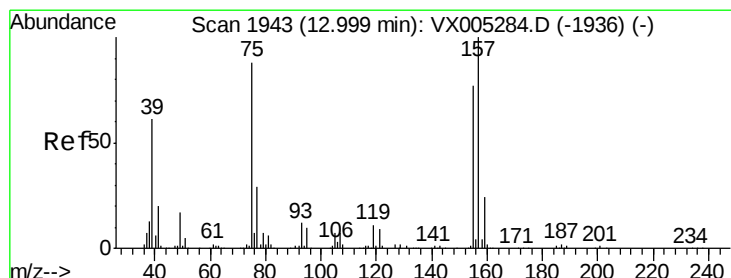
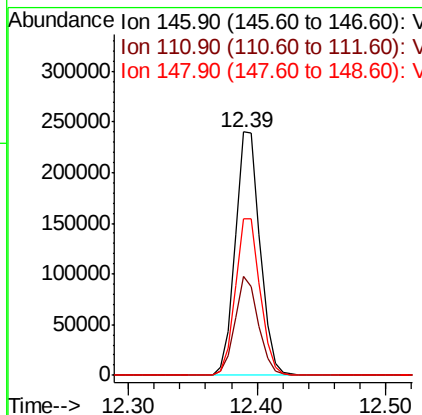
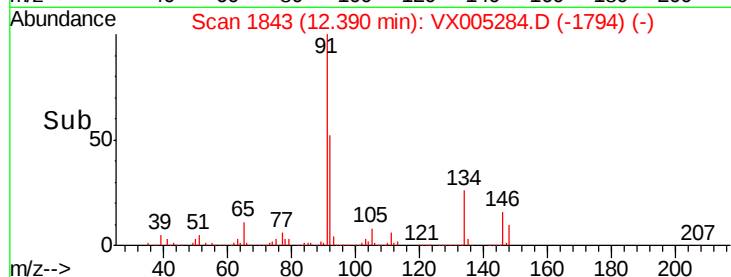
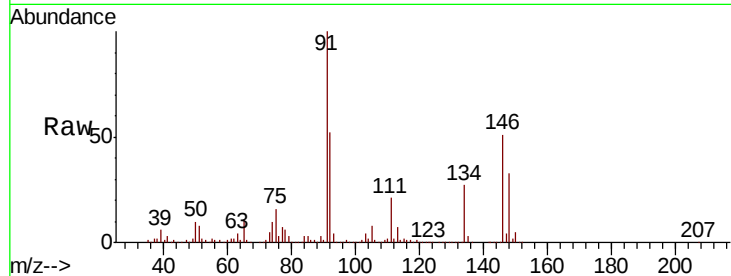
ClientSampleId :

VSTDICCC050

Tgt Ion:	146	Resp:	320613
Ion Ratio	Lower	Upper	
146	100		
111	38.6	19.4	58.1
148	64.4	32.8	98.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 58.166 ug/l

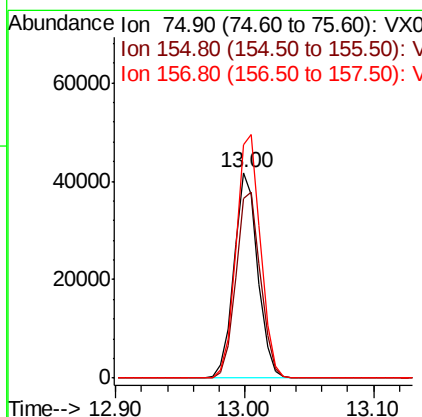
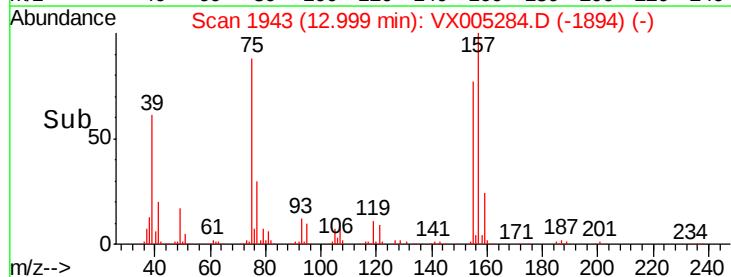
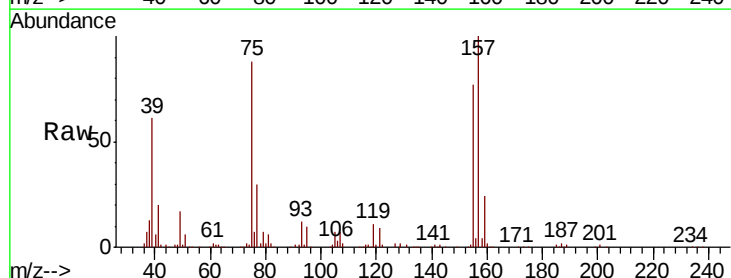
RT: 13.00 min Scan# 1943

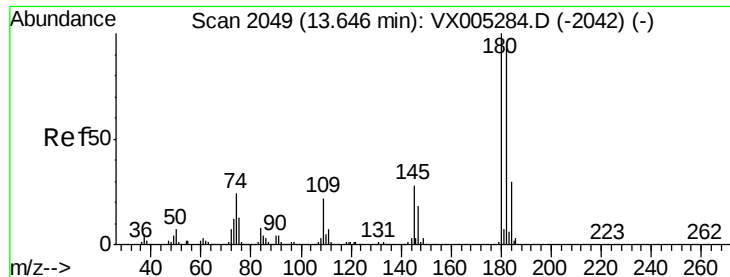
Delta R.T. 0.00 min

Lab File: VX005284.D

Acq: 12 Oct 2018 10:05

Tgt Ion:	75	Resp:	53751
Ion Ratio	Lower	Upper	
75	100		
155	92.9	48.0	144.2
157	120.5	61.4	184.1





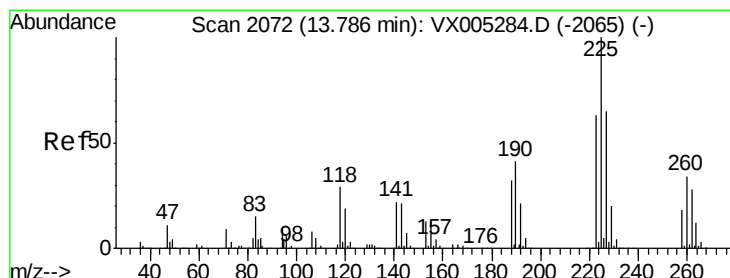
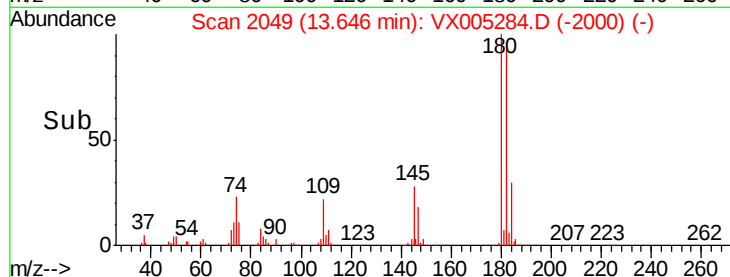
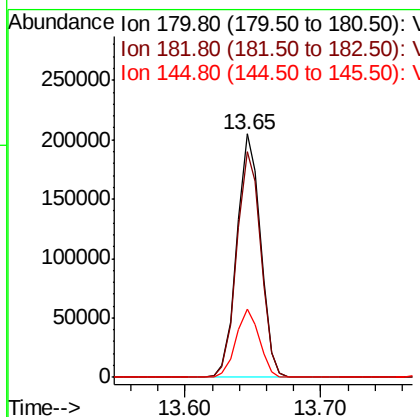
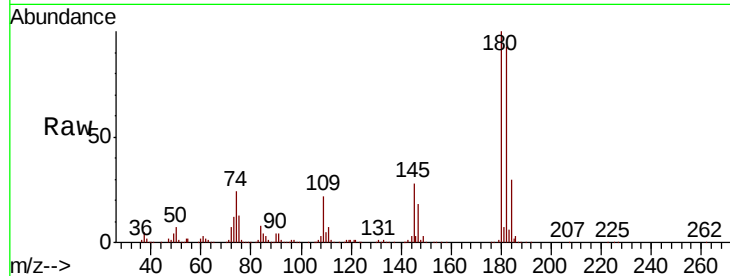
#93
 1,2,4-Trichlorobenzene
 Concen: 49.808 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005284.D
 Acq: 12 Oct 2018 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	246996		
182	94.3	48.4	145.0	
145	27.8	14.3	42.9	

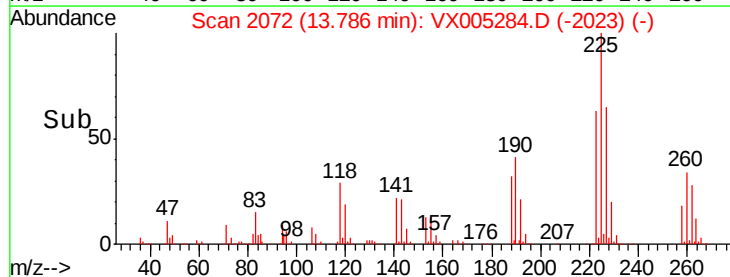
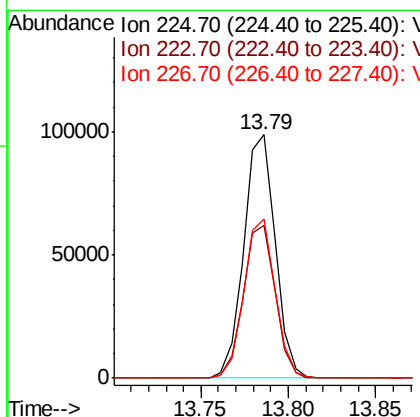
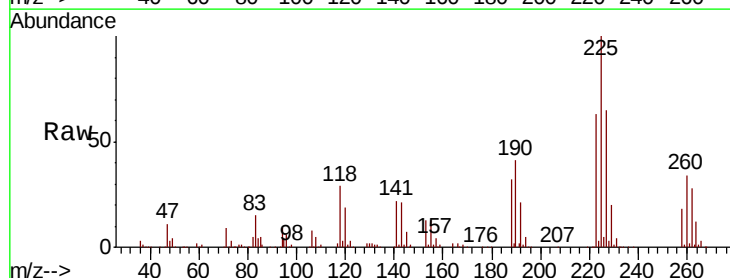
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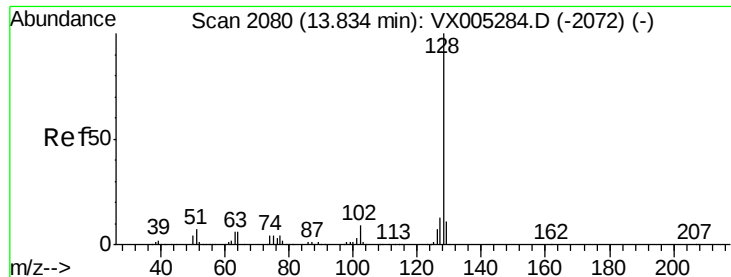
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 10/17/2018 9:04:30 AM



#94
 Hexachlorobutadiene
 Concen: 47.618 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005284.D
 Acq: 12 Oct 2018 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	123346		
223	63.5	30.1	90.5	
227	64.5	30.8	92.4	





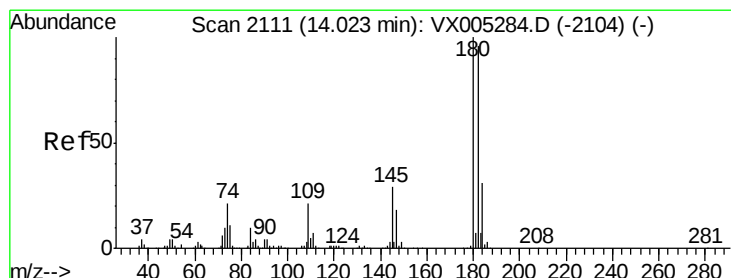
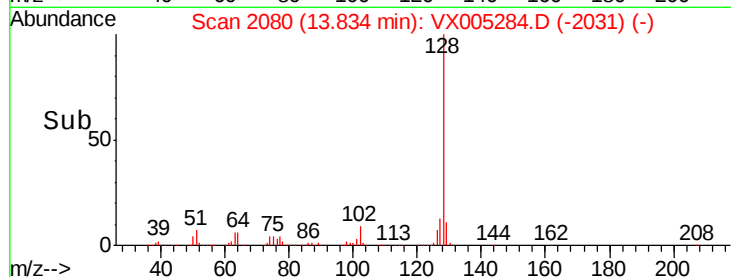
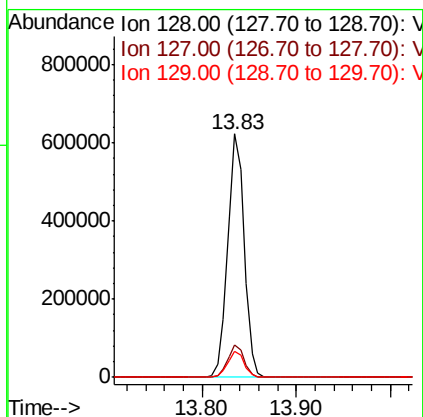
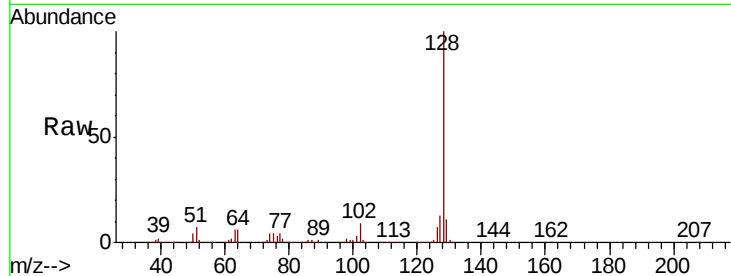
#95
Naphthalene
Concen: 54.340 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.8	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:04:30 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.405 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005284.D
Acq: 12 Oct 2018 10:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.5	145.6
145	29.7	14.9	44.9

