

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111618\
 Data File : VX006040.D
 Acq On : 16 Nov 2018 10:55
 Operator : JC/MD
 Sample : VX1116WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 17 01:15:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	137816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	216567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	176677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97946	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	80176	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
35) Dibromofluoromethane	5.50	113	65716	44.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.22%	
50) Toluene-d8	8.71	98	236293	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
62) 4-Bromofluorobenzene	11.14	95	89165	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	24292	19.550	ug/l	95
3) Chloromethane	1.32	50	31286	19.185	ug/l	96
4) Vinyl Chloride	1.40	62	33017	20.168	ug/l	95
5) Bromomethane	1.64	94	19404	19.369	ug/l	98
6) Chloroethane	1.72	64	19495	19.958	ug/l	98
7) Trichlorofluoromethane	1.93	101	43405	19.975	ug/l	95
8) Diethyl Ether	2.19	74	18831	22.116	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	26799	21.443	ug/l	99
10) Methyl Iodide	2.51	142	28730	18.967	ug/l	96
11) Tert butyl alcohol	3.06	59	46714	102.924	ug/l	99
12) 1,1-Dichloroethene	2.37	96	24835	20.388	ug/l	96
13) Acrolein	2.29	56	11125	66.630	ug/l	100
14) Allyl chloride	2.73	41	54898	20.179	ug/l	99
15) Acrylonitrile	3.15	53	101686	108.109	ug/l	99
16) Acetone	2.44	43	88463	103.700	ug/l	98
17) Carbon Disulfide	2.57	76	64421	17.730	ug/l	99
18) Methyl Acetate	2.78	43	52639	22.201	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	93882	22.581	ug/l	99
20) Methylene Chloride	2.85	84	29224	20.855	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	26844	20.893	ug/l	91
22) Diisopropyl ether	3.87	45	100195	21.023	ug/l #	94
23) Vinyl Acetate	3.82	43	417019	102.052	ug/l	98
24) 1,1-Dichloroethane	3.70	63	51765	20.358	ug/l	100
25) 2-Butanone	4.70	43	134329	100.159	ug/l	96
26) 2,2-Dichloropropane	4.59	77	40580	21.756	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	30627	21.588	ug/l	96
28) Bromochloromethane	5.01	49	21045	18.519	ug/l	95
29) Tetrahydrofuran	5.15	42	86011	99.882	ug/l	100
30) Chloroform	5.21	83	48030	19.579	ug/l	97
31) Cyclohexane	5.57	56	41344	18.732	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	42178	20.613	ug/l	99
36) 1,1-Dichloropropene	5.80	75	35486	16.997	ug/l	98
37) Ethyl Acetate	4.85	43	49360	17.979	ug/l	100
38) Carbon Tetrachloride	5.78	117	35291	16.885	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	39718	18.770	ug/l	88
40) Benzene	6.14	78	114112	18.749	ug/l	100
41) Methacrylonitrile	5.06	41	26841	18.093	ug/l	99
42) 1,2-Dichloroethane	6.20	62	41256	18.925	ug/l	99
43) Isopropyl Acetate	6.46	43	75448	18.965	ug/l	99
44) Trichloroethene	7.22	130	32273	20.880	ug/l	85
45) 1,2-Dichloropropane	7.52	63	29803	20.175	ug/l	96
46) Dibromomethane	7.66	93	18130	19.558	ug/l	99
47) Bromodichloromethane	7.90	83	35134	20.055	ug/l	100
48) Methyl methacrylate	7.77	41	35666	19.967	ug/l	98
49) 1,4-Dioxane	7.75	88	15387	399.748	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	244946	97.697	ug/l	98
52) Toluene	8.79	92	65873	19.366	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	38827	18.781	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	42862	20.341	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	28332	18.689	ug/l	99
56) Ethyl methacrylate	9.18	69	42495	18.734	ug/l	98
57) 1,3-Dichloropropane	9.37	76	46708	18.334	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	127015	107.638	ug/l	100
59) 2-Hexanone	9.49	43	194597	88.053	ug/l	99
60) Dibromochloromethane	9.59	129	28429	17.352	ug/l	98
61) 1,2-Dibromoethane	9.67	107	28662	17.098	ug/l	99
64) Tetrachloroethene	9.34	164	30575	20.326	ug/l	98
65) Chlorobenzene	10.14	112	75937	21.455	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	27603	22.432	ug/l	100
67) Ethyl Benzene	10.25	91	126760	22.335	ug/l	100
68) m/p-Xylenes	10.36	106	98341	45.426	ug/l	100
69) o-Xylene	10.70	106	46877	24.148	ug/l	99
70) Styrene	10.71	104	79423	24.802	ug/l	100
71) Bromoform	10.86	173	23586	22.865	ug/l #	98
73) Isopropylbenzene	11.02	105	131432	23.204	ug/l	100
74) N-amyl acetate	10.90	43	61247	20.040	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	44745	21.523	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	43647m	21.885	ug/l	
77) Bromobenzene	11.26	156	34786	21.789	ug/l	99
78) n-propylbenzene	11.36	91	149745	22.433	ug/l	100
79) 2-Chlorotoluene	11.42	91	90803	22.505	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	110223	22.900	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	13956	22.303	ug/l	98
82) 4-Chlorotoluene	11.51	91	106436	22.383	ug/l	100
83) tert-Butylbenzene	11.77	119	107529	22.082	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	113359	21.272	ug/l	100
85) sec-Butylbenzene	11.94	105	133168	22.364	ug/l	99
86) p-Isopropyltoluene	12.07	119	119981	22.747	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	64143	20.935	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	66050	21.058	ug/l	99
89) n-Butylbenzene	12.39	91	106103	21.705	ug/l	99
90) Hexachloroethane	12.60	117	18204	20.672	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	64848	21.128	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	10409	20.517	ug/l	95

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ClientSampleId :
VX1116WBS01

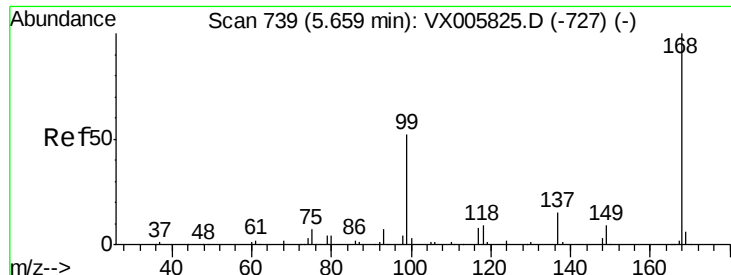
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	48189	22.302	ug/l	99
94) Hexachlorobutadiene	13.79	225	25276	22.269	ug/l	99
95) Naphthalene	13.83	128	144072	21.142	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	48998	22.259	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1116WBS01

Tot Ion:168 Resp: 137816

Ion Ratio Lower Upper

168 100

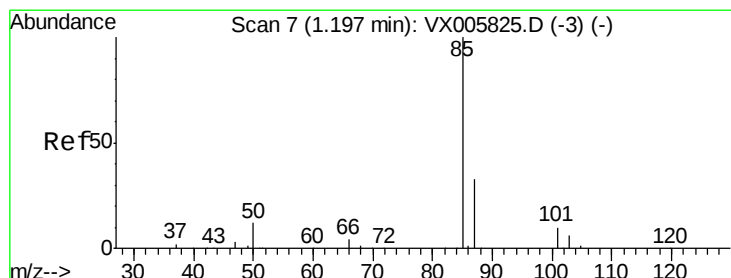
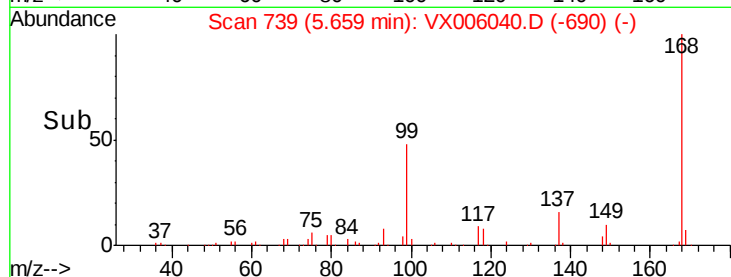
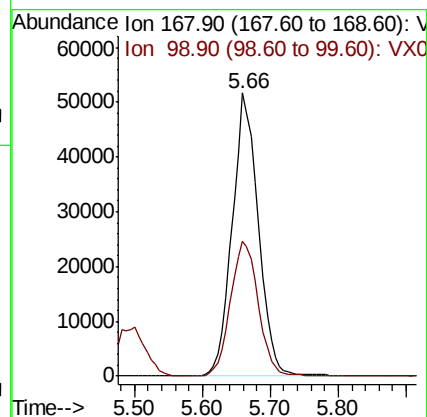
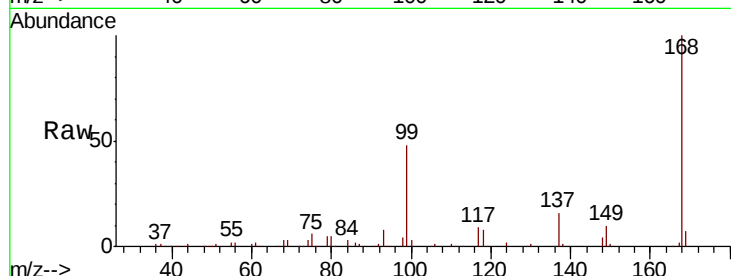
99 47.6 40.7 61.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 19.550 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006040.D

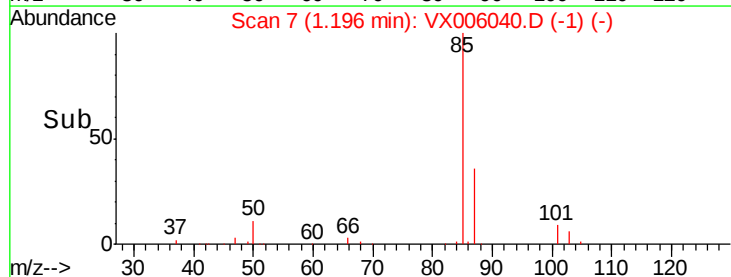
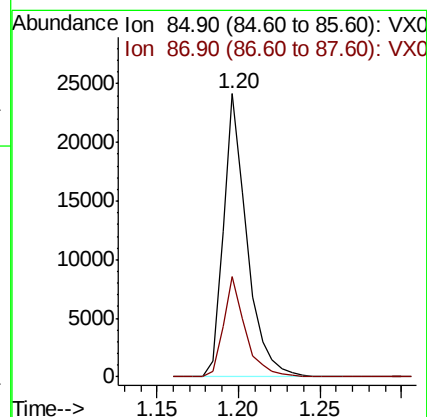
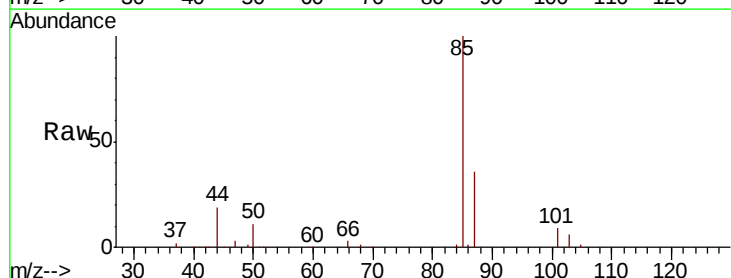
Acq: 16 Nov 2018 10:55

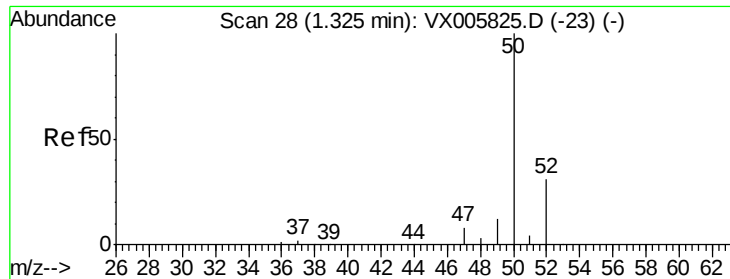
Tgt Ion: 85 Resp: 24292

Ion Ratio Lower Upper

85 100

87 35.5 16.3 48.9





#3

Chloromethane

Concen: 19.185 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1116WBS01

Tot Ion: 50 Resp: 31286

Ion Ratio Lower Upper

50 100

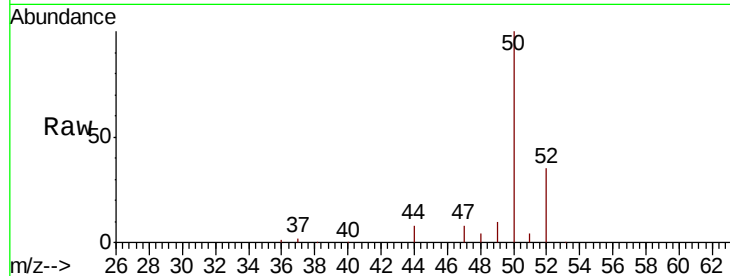
52 35.0 26.2 39.2

Manual Integrations

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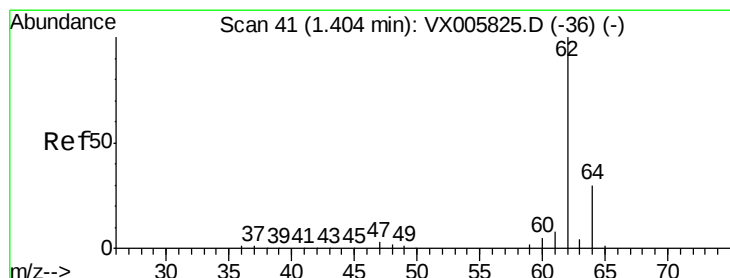
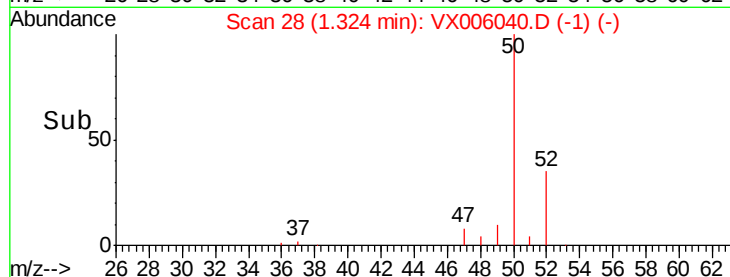
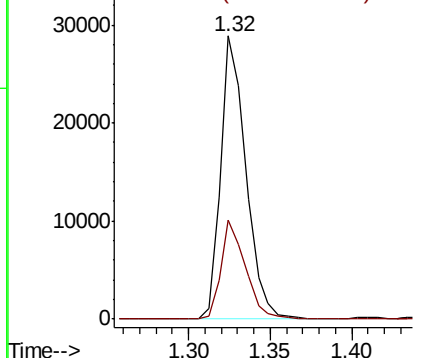
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.168 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX006040.D

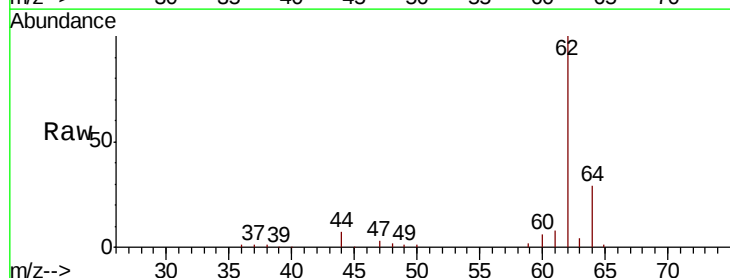
Acq: 16 Nov 2018 10:55

Tgt Ion: 62 Resp: 33017

Ion Ratio Lower Upper

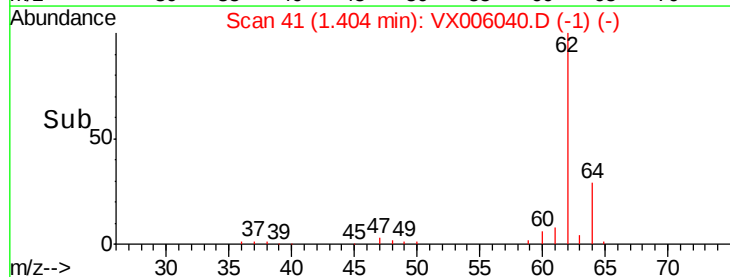
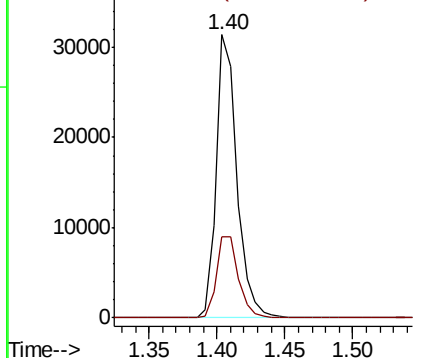
62 100

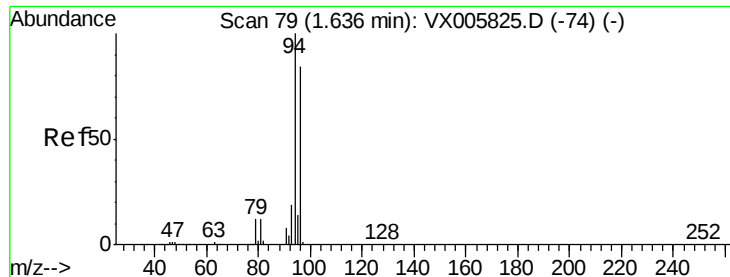
64 28.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.369 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1116WBS01

Tot Ion: 94 Resp: 19404

Ion Ratio Lower Upper

94 100

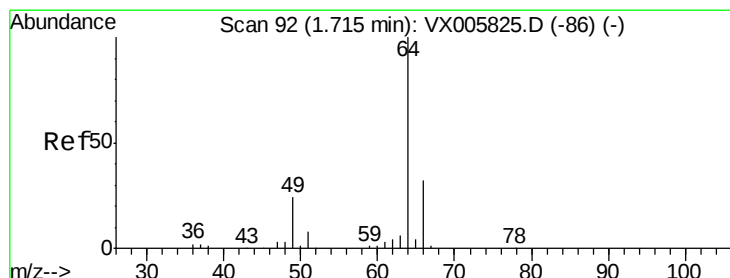
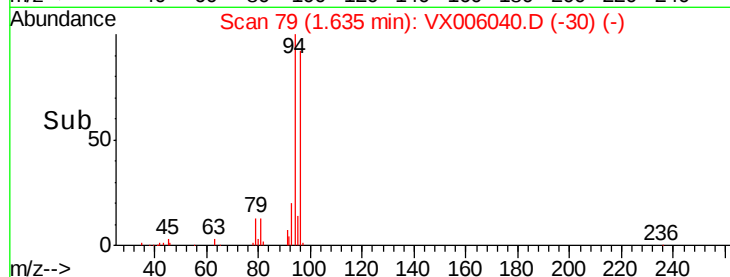
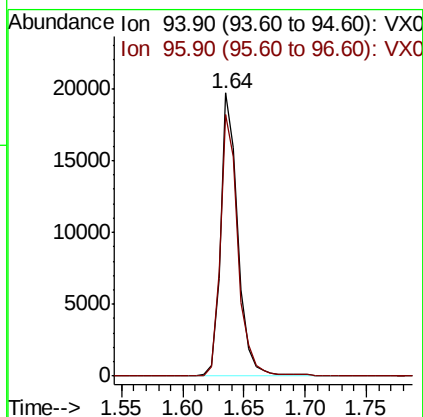
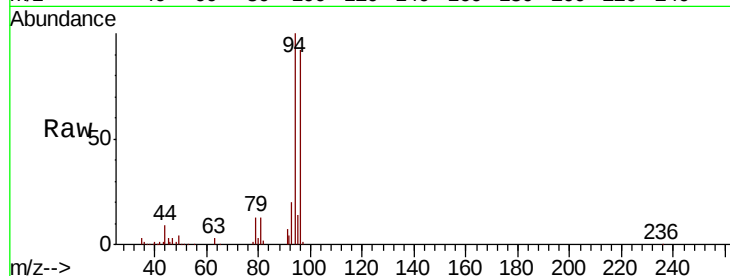
96 92.4 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 19.958 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006040.D

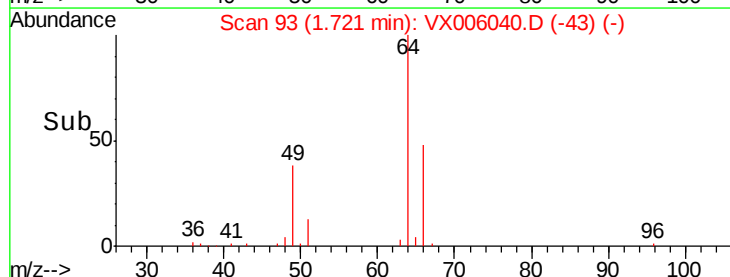
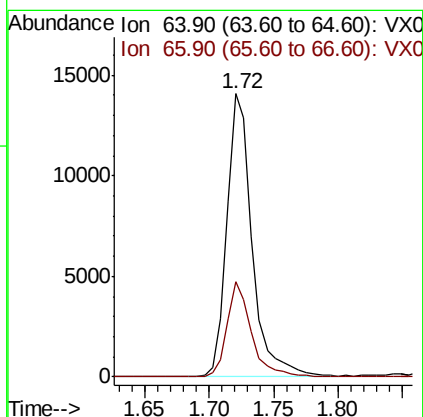
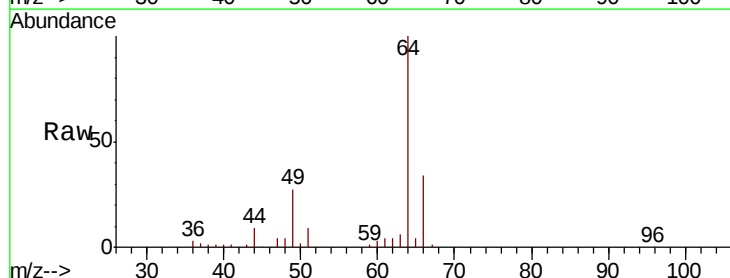
Acq: 16 Nov 2018 10:55

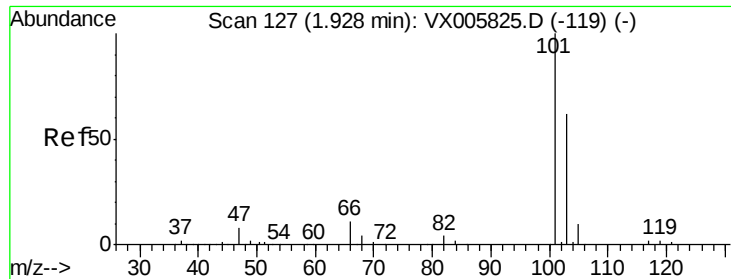
Tgt Ion: 64 Resp: 19495

Ion Ratio Lower Upper

64 100

66 33.6 25.8 38.6





#7

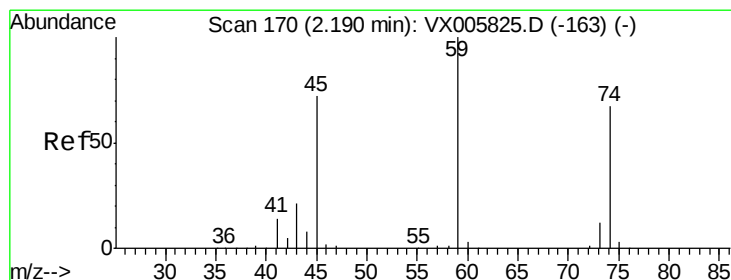
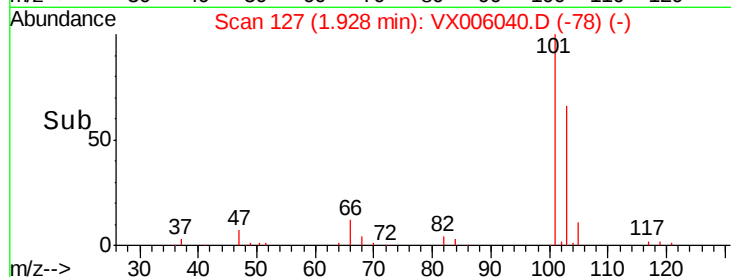
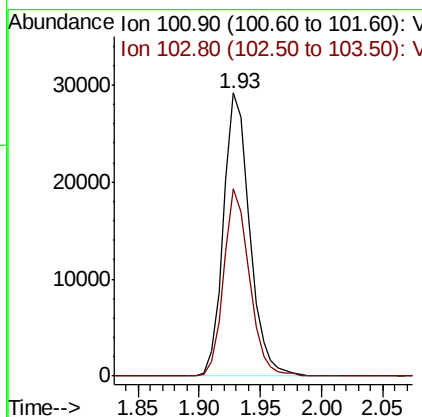
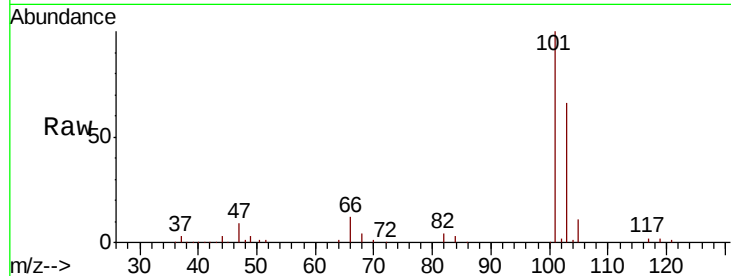
Trichlorofluoromethane
 Concen: 19.975 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

Tot Ion:101 Resp: 43405
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.0 75.0

Manual Integrations
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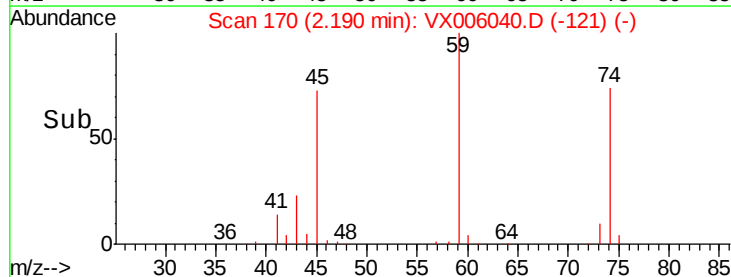
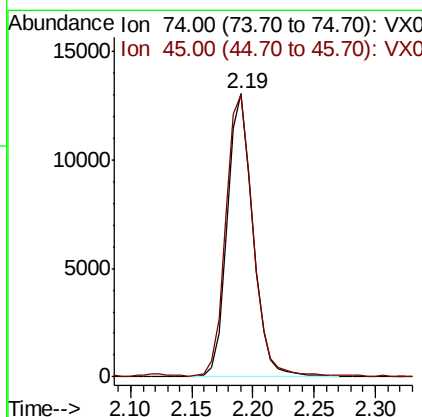
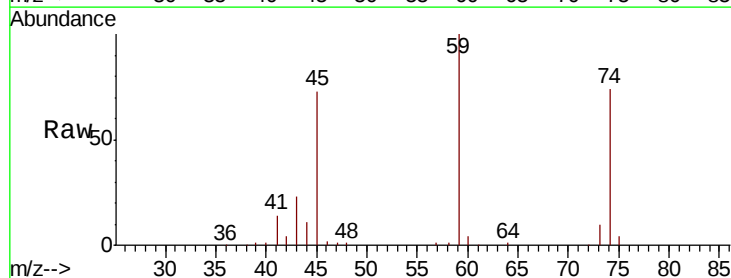
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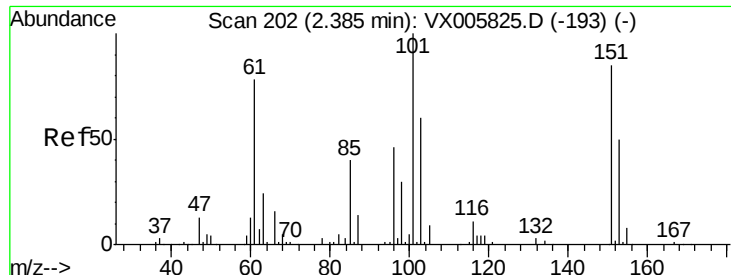


#8

Diethyl Ether
 Concen: 22.116 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Tgt Ion: 74 Resp: 18831
 Ion Ratio Lower Upper
 74 100
 45 106.9 54.1 162.3





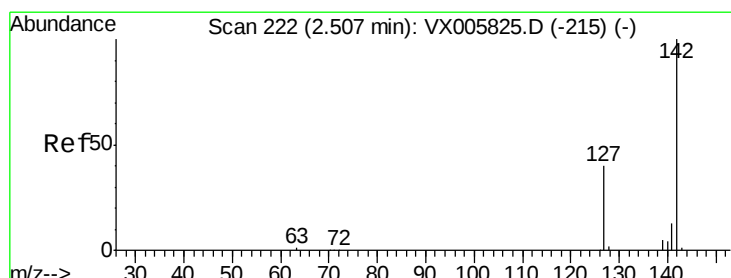
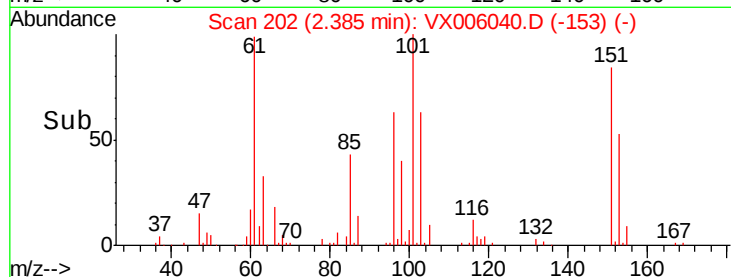
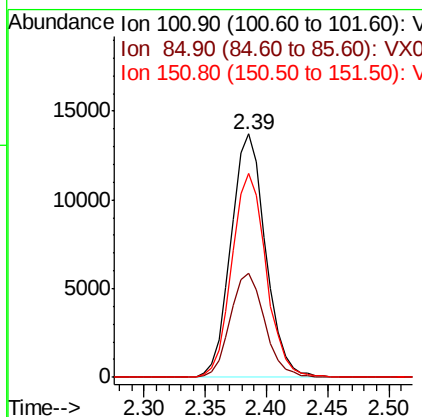
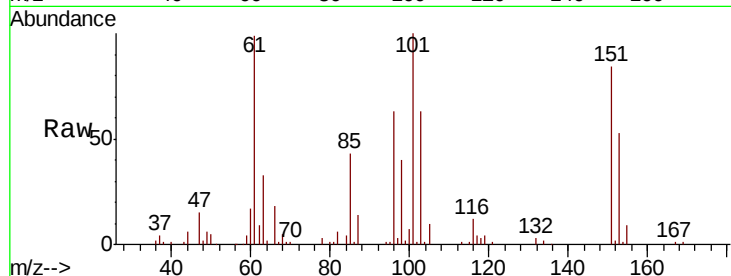
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.443 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	26799		
85	42.6		35.0	52.4
151	83.2		66.2	99.2

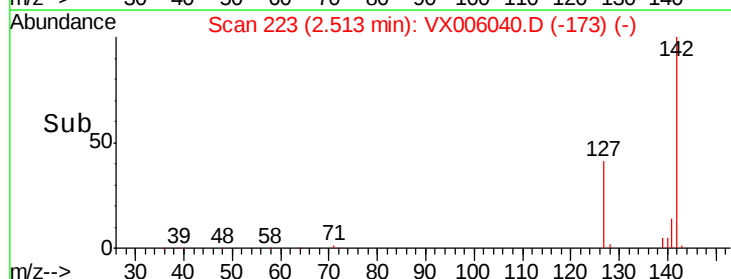
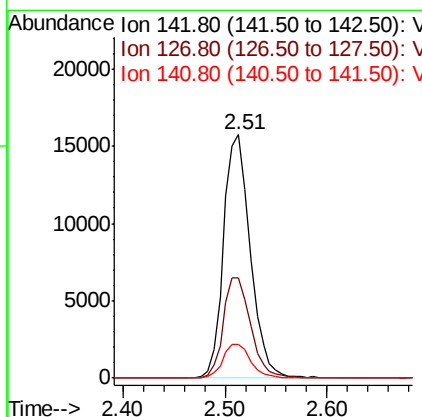
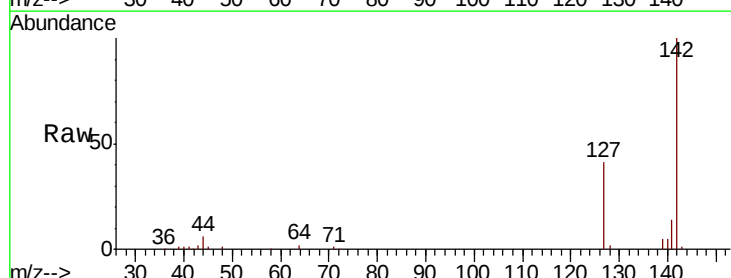
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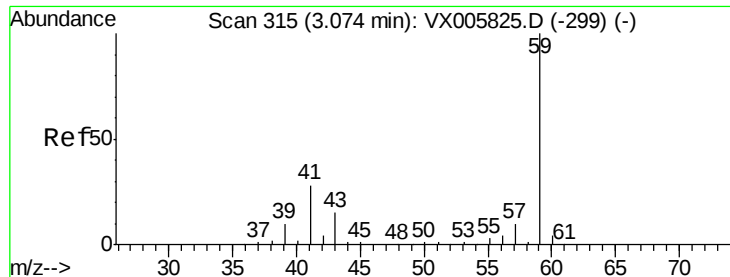
MMDadoda
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#10
 Methyl Iodide
 Concen: 18.967 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	28730		
127	41.9		36.0	54.0
141	14.3		11.7	17.5





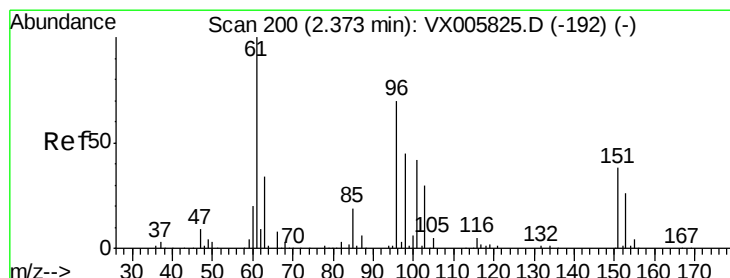
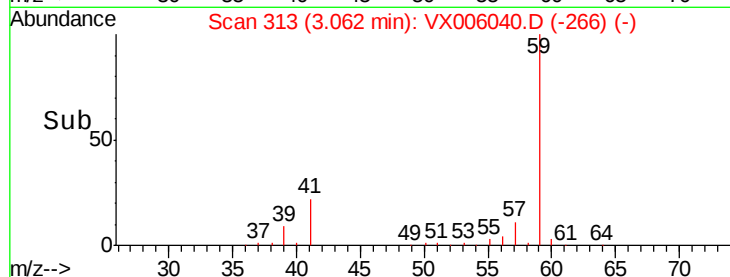
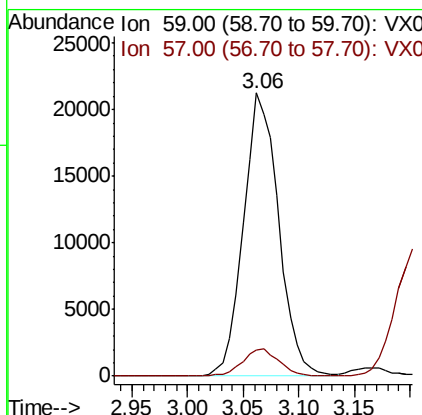
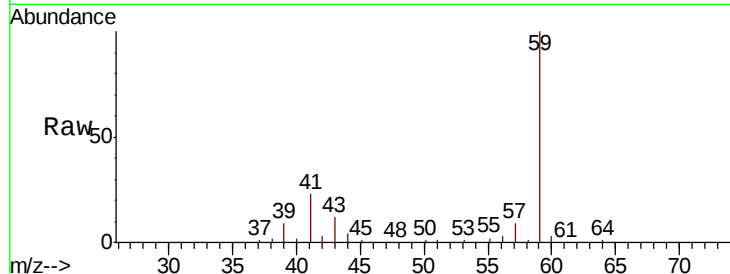
#11
Tert butyl alcohol
Concen: 102.924 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion	59	57	Ratio	100	10.1	Resp	46714	Lower	Upper
59	100								
57		10.1						8.5	12.7

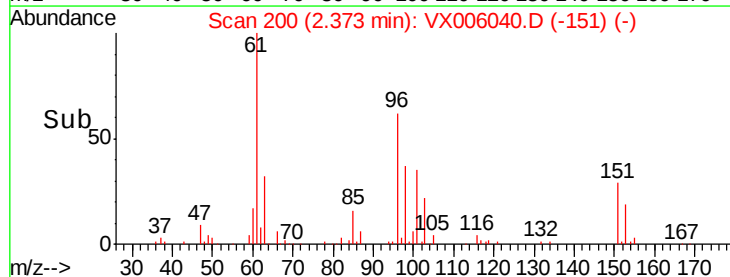
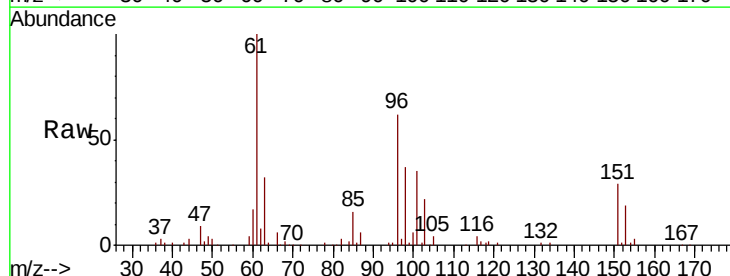
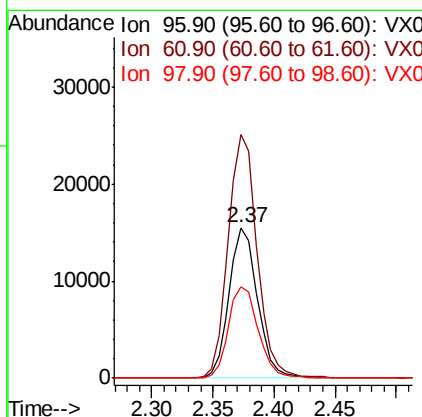
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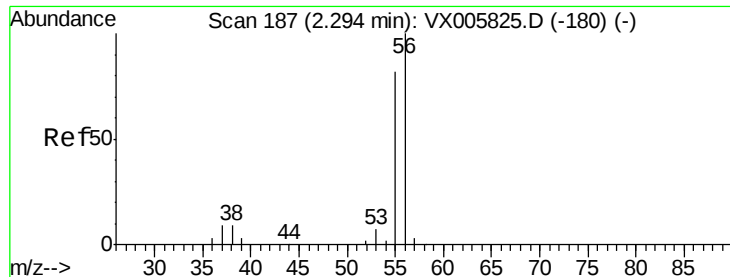
MMDadoda
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#12
1,1-Dichloroethene
Concen: 20.388 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion	96	61	98	Ratio	100	162.1	60.6	Resp	24835	Lower	Upper
96	100										
61		162.1								131.8	197.8
98		60.6								53.4	80.2





#13

Acrolein

Concen: 66.630 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1116WBS01

Tot Ion: 56 Resp: 11125

Ion Ratio Lower Upper

56 100

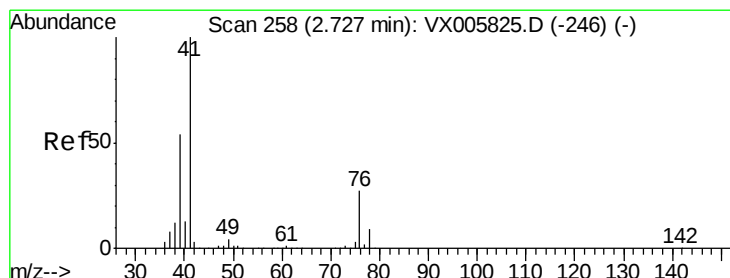
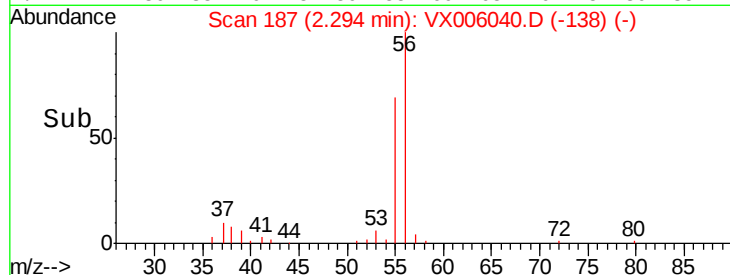
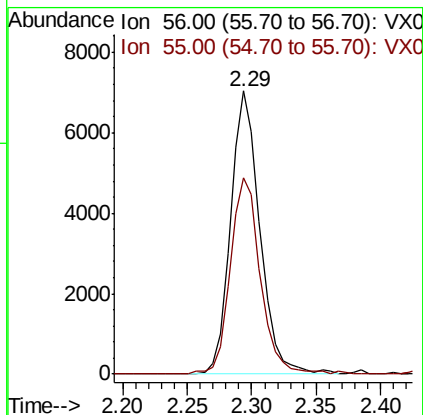
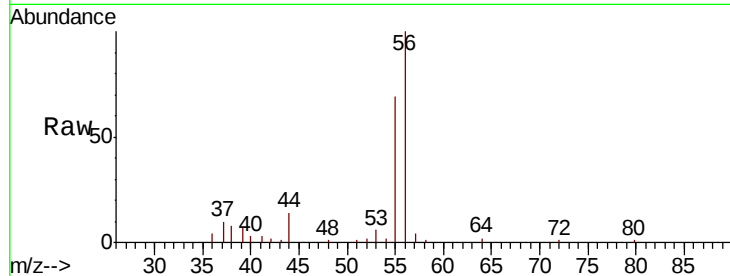
55 71.5 57.3 85.9

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#14

Allyl chloride

Concen: 20.179 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

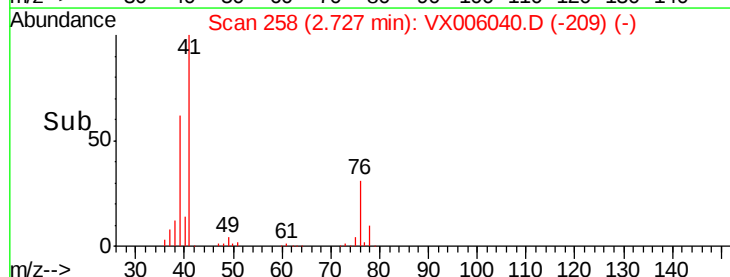
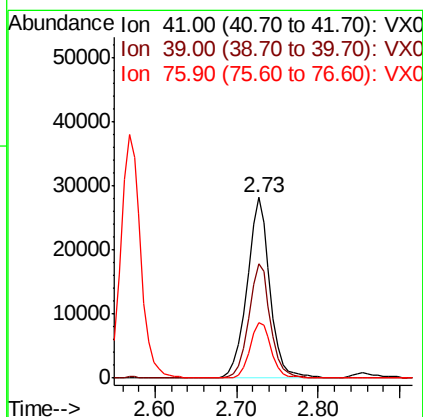
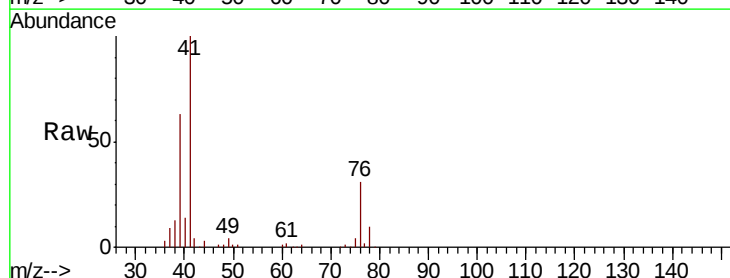
Tgt Ion: 41 Resp: 54898

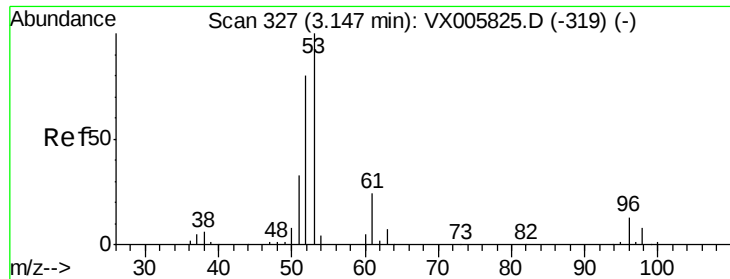
Ion Ratio Lower Upper

41 100

39 60.0 48.2 72.4

76 29.1 21.9 32.9





#15

Acrylonitrile

Concen: 108.109 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

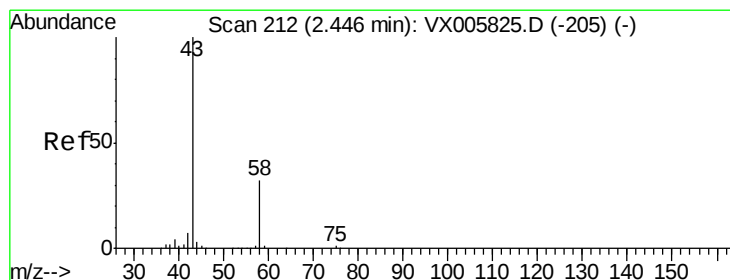
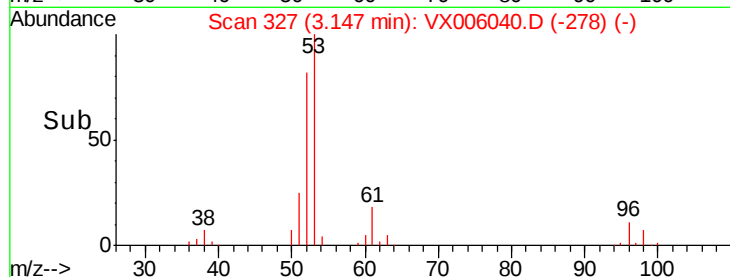
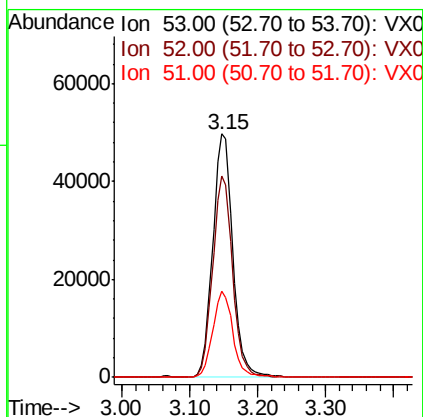
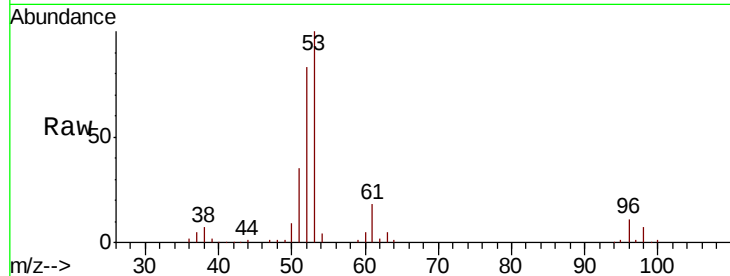
ClientSampleId :

VX1116WBS01

Tot Ion:	53	Resp:	101686
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.6	99.8
51	35.6	28.4	42.6

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#16

Acetone

Concen: 103.700 ug/l

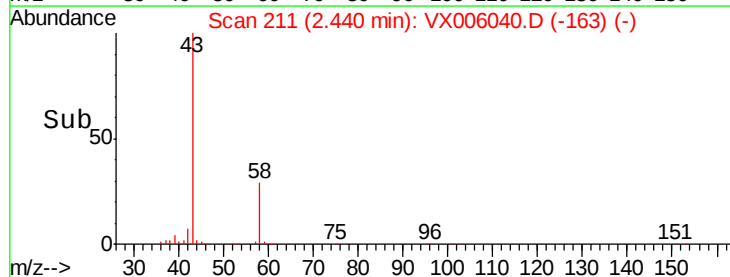
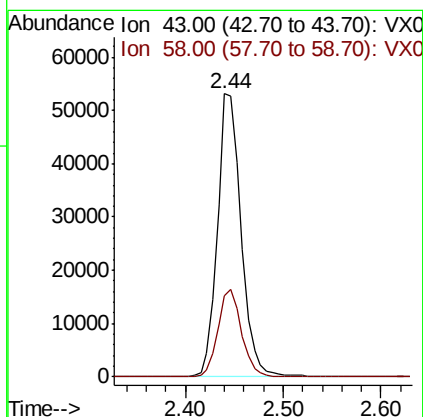
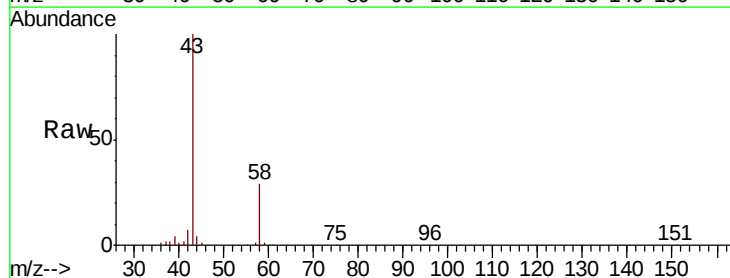
RT: 2.44 min Scan# 211

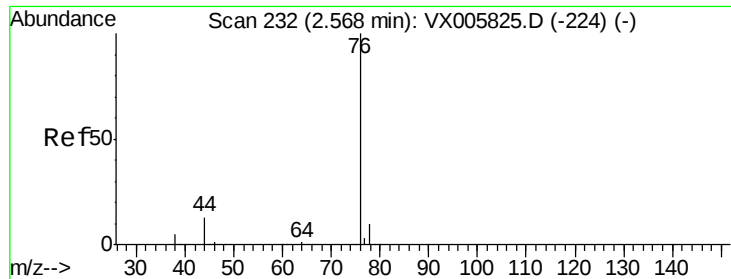
Delta R.T. -0.01 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Tgt Ion:	43	Resp:	88463
Ion	Ratio	Lower	Upper
43	100		
58	28.9	23.8	35.6





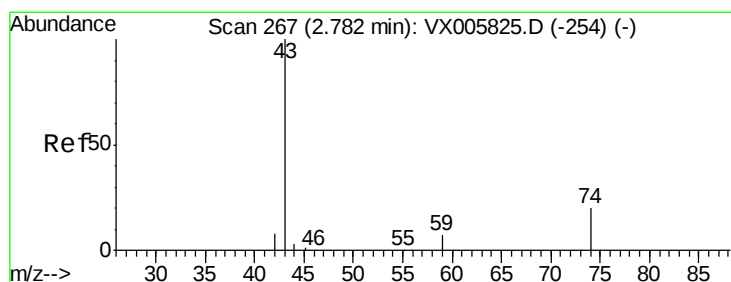
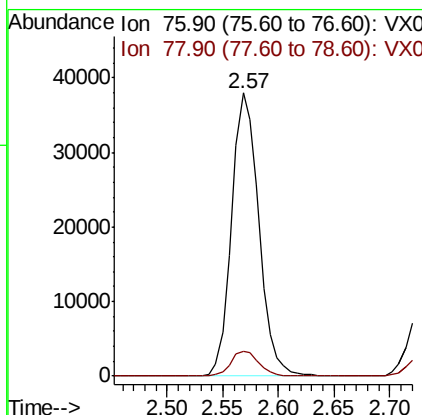
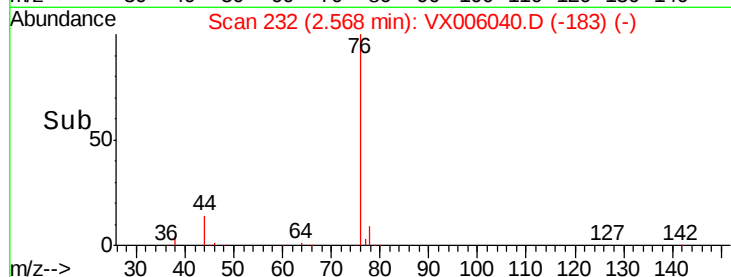
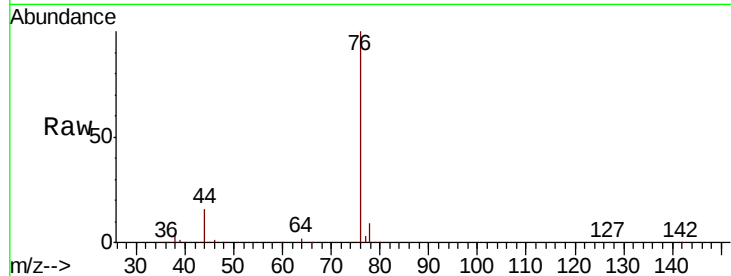
#17
Carbon Disulfide
Concen: 17.730 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

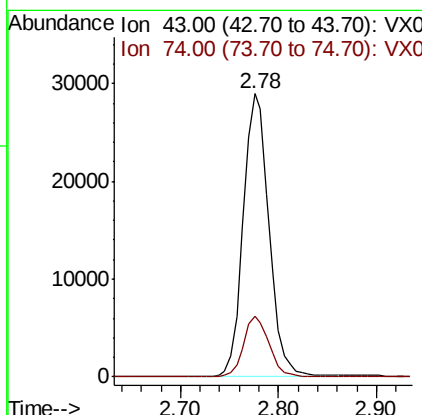
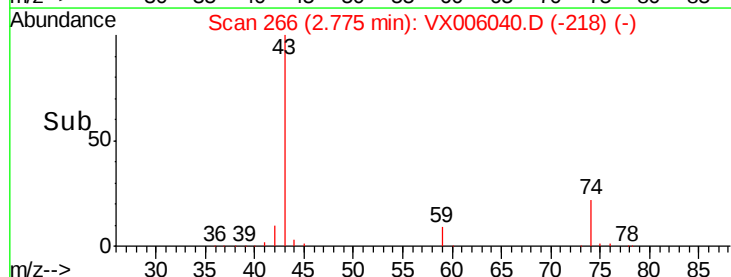
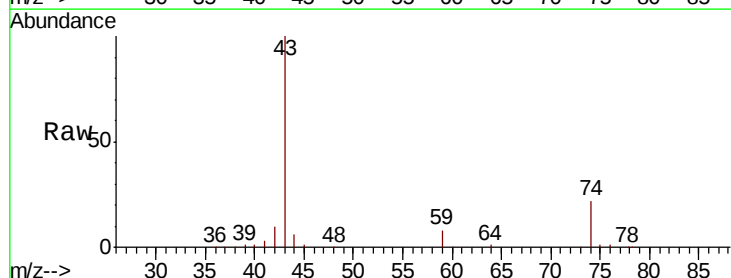
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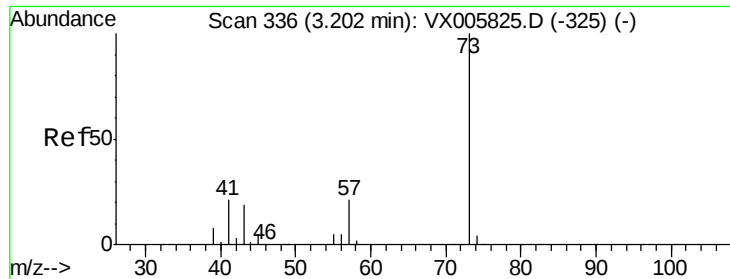
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#18
Methyl Acetate
Concen: 22.201 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.4	16.8	25.2





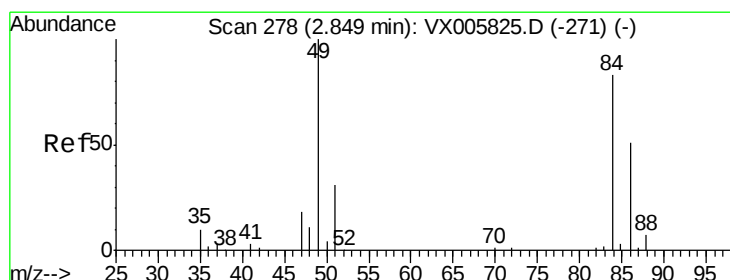
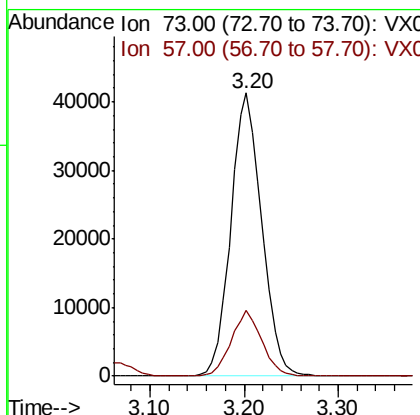
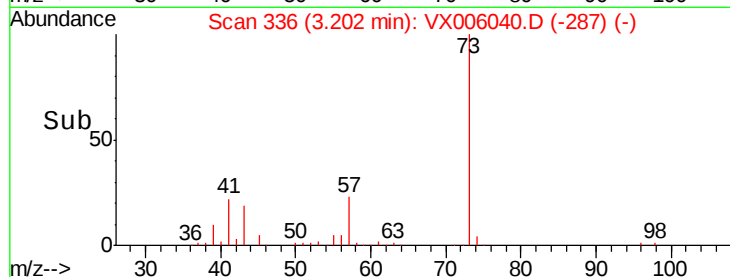
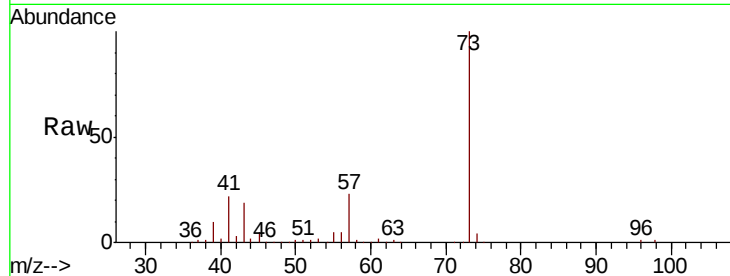
#19
Methvl tert-butvl Ether
Concen: 22.581 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion: 73 Resp: 93882
Ion Ratio Lower Upper
73 100
57 23.2 18.8 28.2

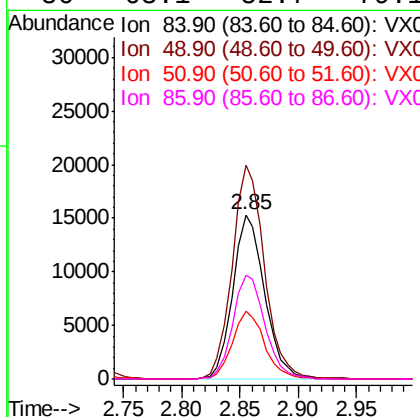
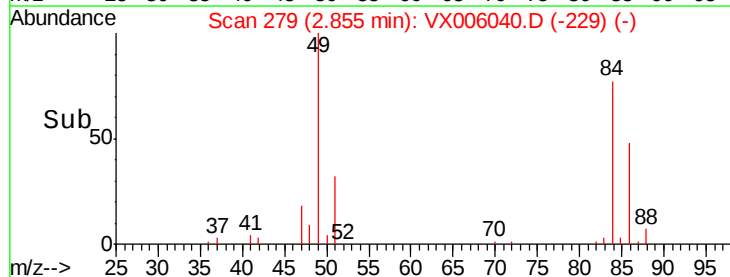
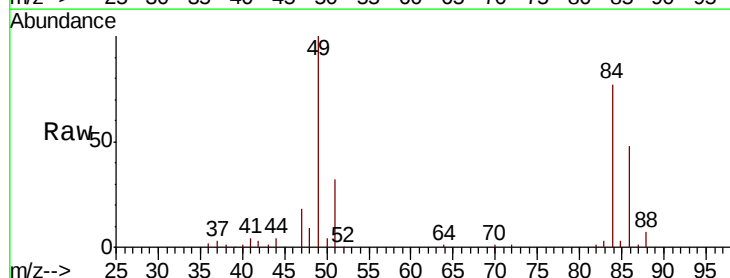
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#20
Methylene Chloride
Concen: 20.855 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion: 84 Resp: 29224
Ion Ratio Lower Upper
84 100
49 130.1 109.5 164.3
51 41.2 33.3 49.9
86 63.1 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 20.893 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1116WBS01

Tot Ion: 96 Resp: 26844

Ion Ratio Lower Upper

96 100

61 159.1 115.6 173.4

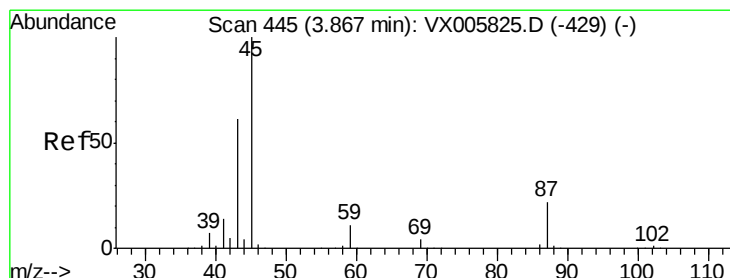
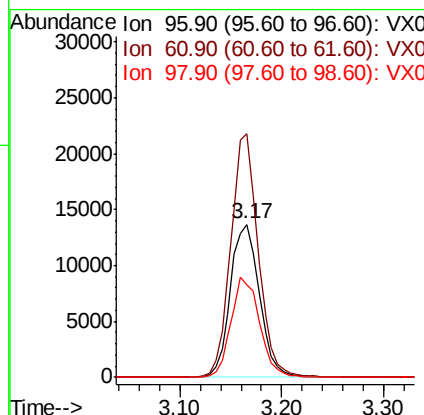
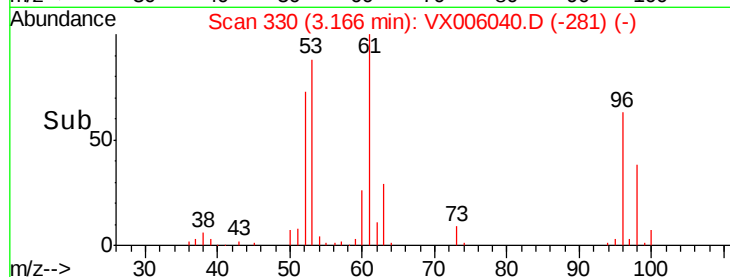
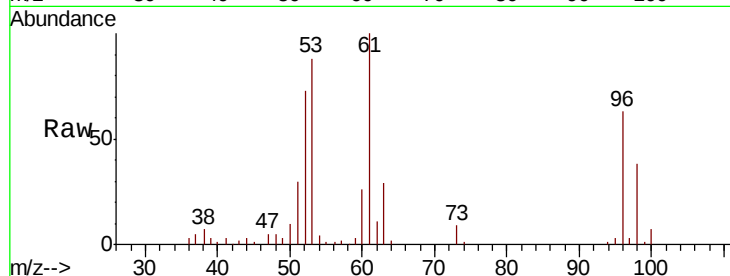
98 60.3 50.2 75.2

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#22

Diisopropyl ether

Concen: 21.023 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Tgt Ion: 45 Resp: 100195

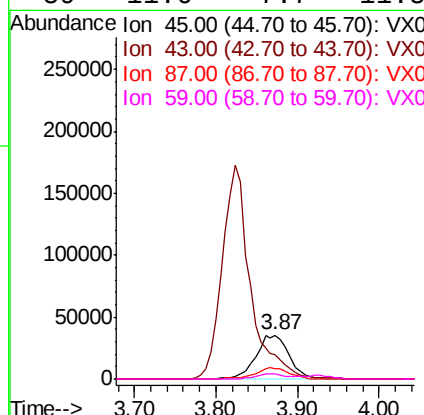
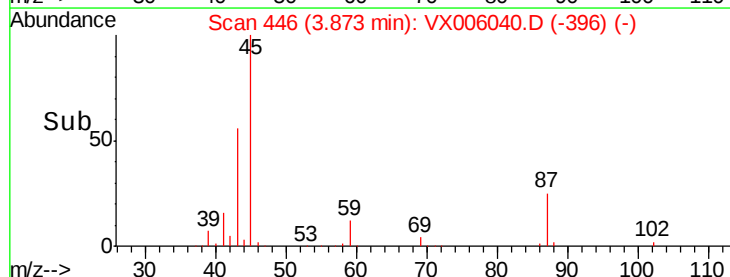
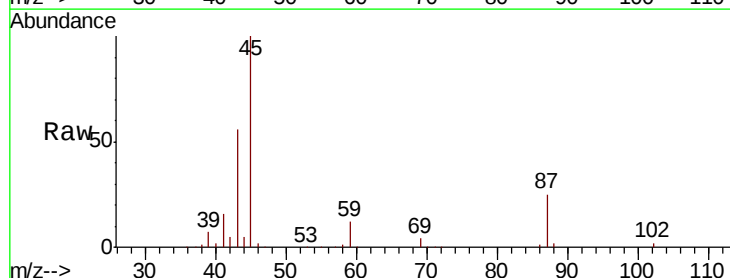
Ion Ratio Lower Upper

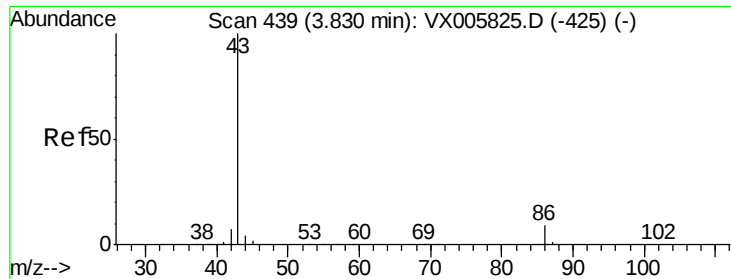
45 100

43 55.7 47.4 71.2

87 24.5 15.9 23.9#

59 11.6 7.7 11.5#





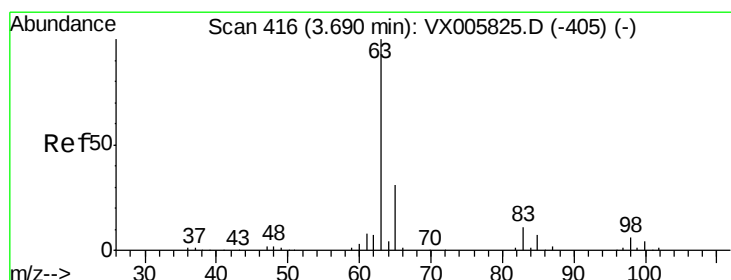
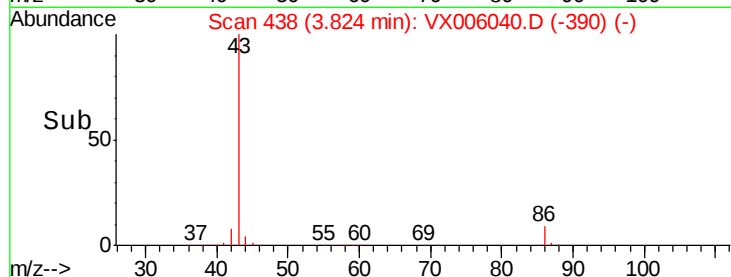
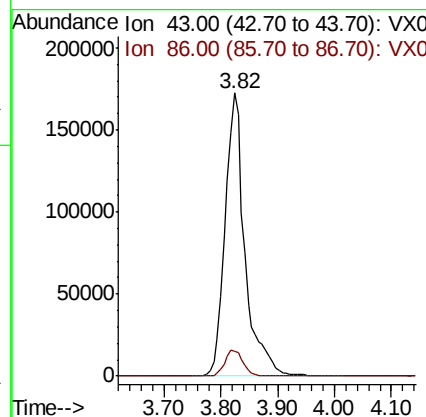
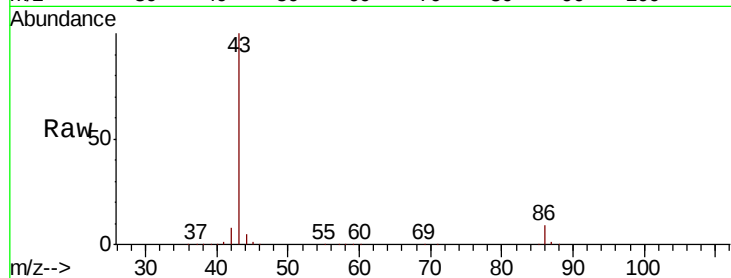
#23
 Vinyl Acetate
 Concen: 102.052 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	8.6	7.4	11.2

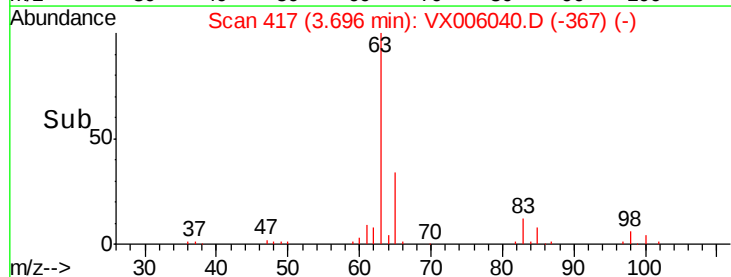
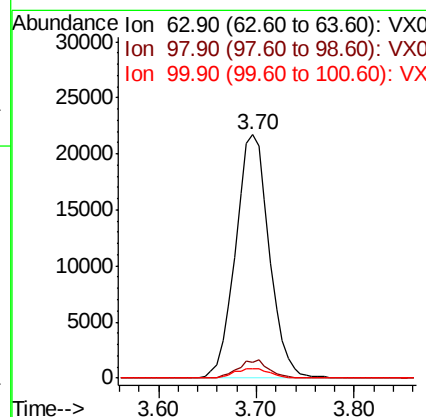
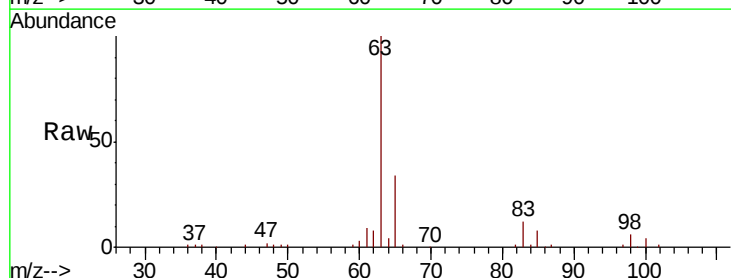
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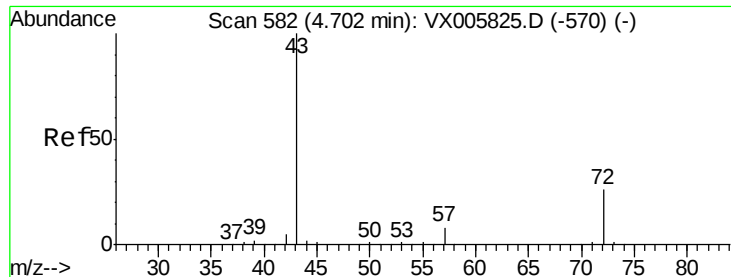
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#24
 1,1-Dichloroethane
 Concen: 20.358 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.2	9.6
100	4.0	2.1	6.2





#25

2-Butanone

Concen: 100.159 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1116WBS01

Tot Ion: 43 Resp: 134329

Ion Ratio Lower Upper

43 100

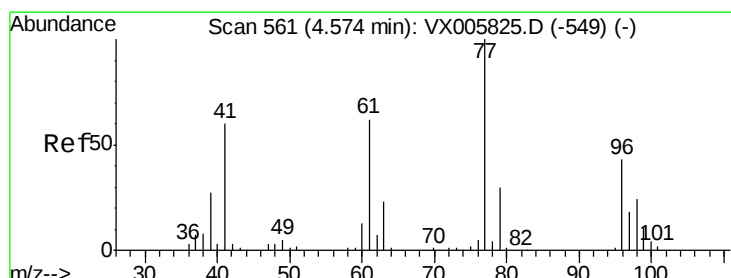
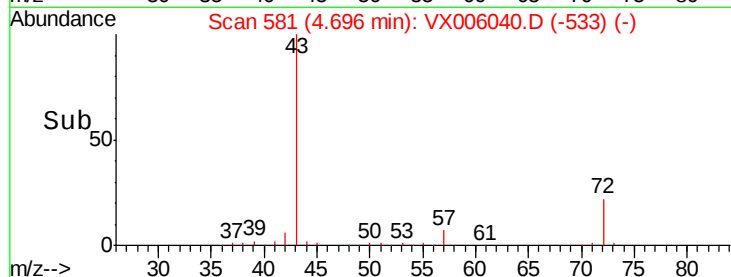
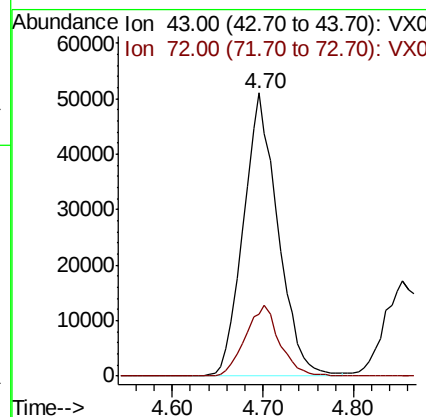
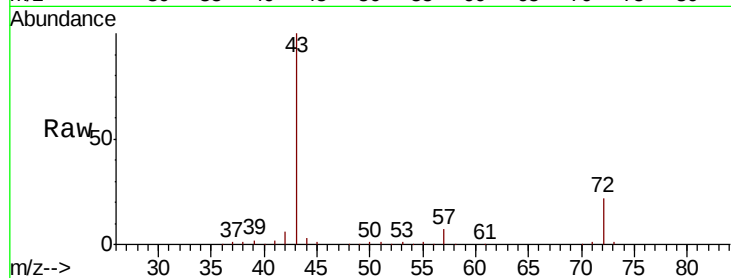
72 22.1 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.756 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX006040.D

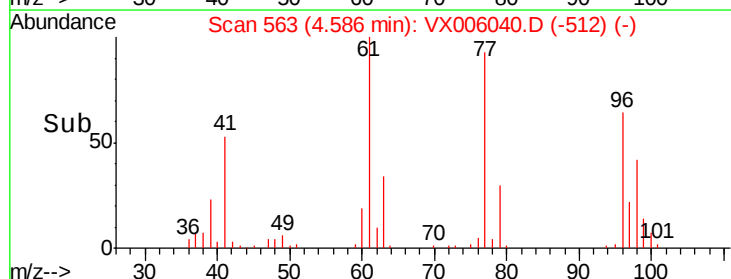
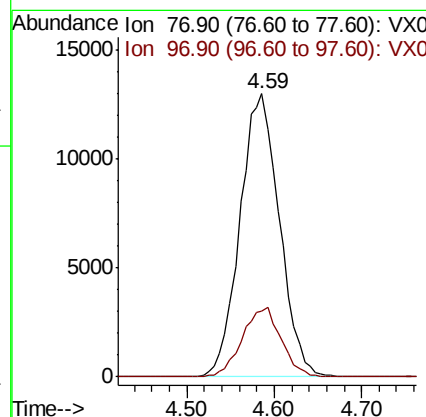
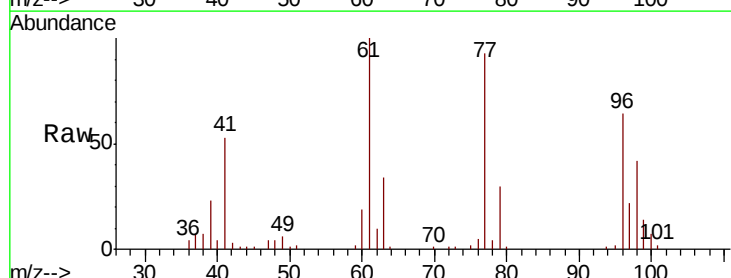
Acq: 16 Nov 2018 10:55

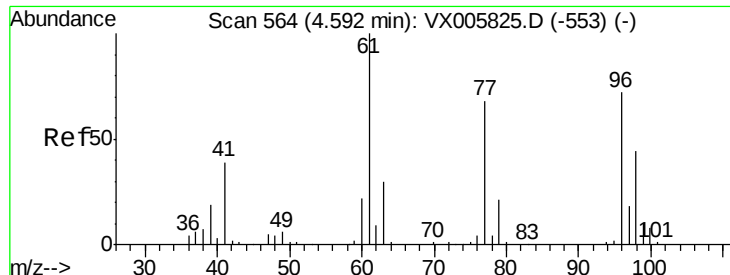
Tgt Ion: 77 Resp: 40580

Ion Ratio Lower Upper

77 100

97 24.2 11.5 34.5





#27

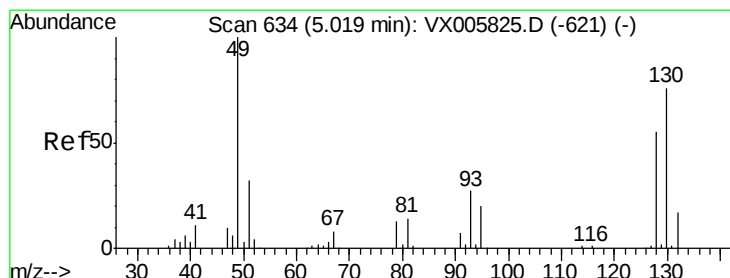
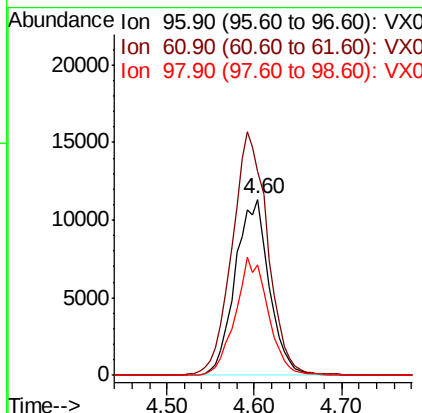
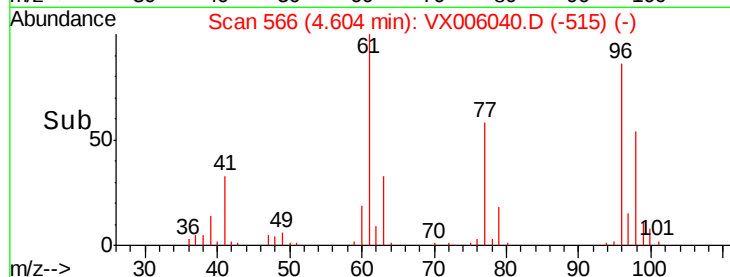
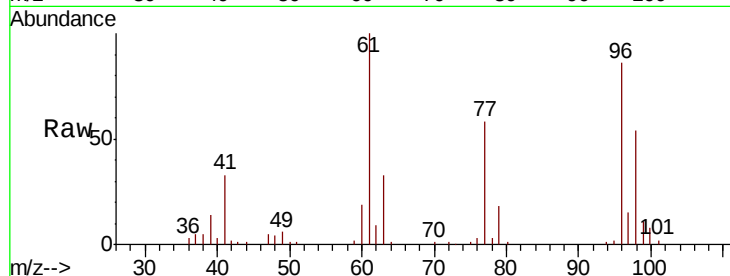
cis-1,2-Dichloroethene
 Concen: 21.588 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	304.6
98	64.5	0.0	127.4

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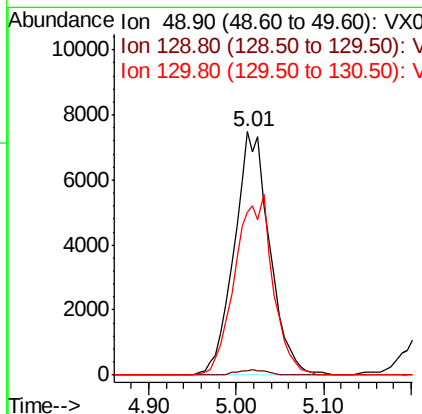
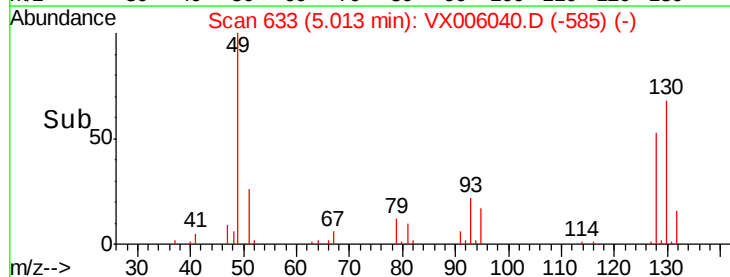
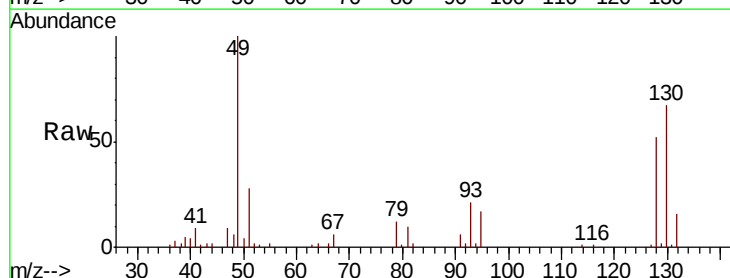
MMDadoda
 11/19/2018 12:23:11 PM



#28

Bromochloromethane
 Concen: 18.519 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	77.9	58.9	88.3





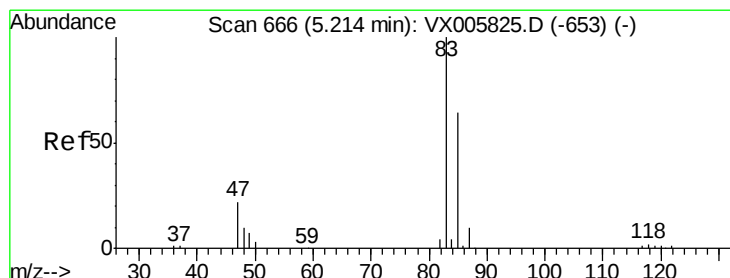
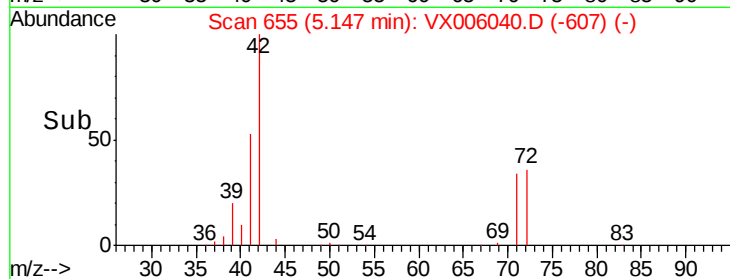
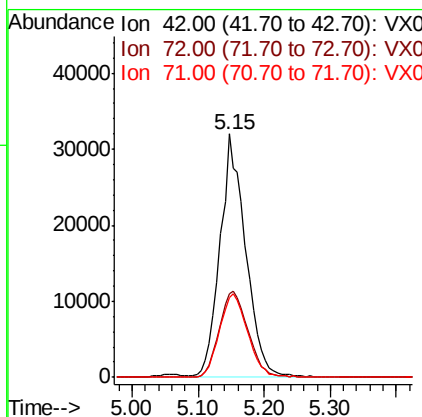
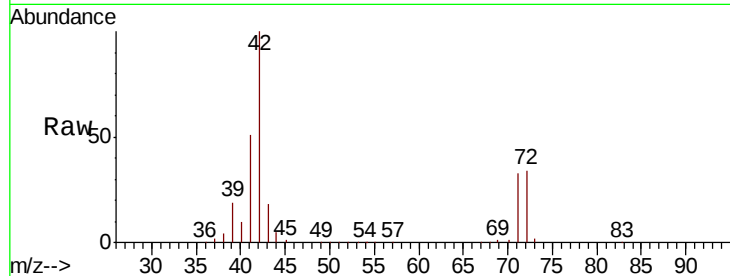
#29
Tetrahydrofuran
Concen: 99.882 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.8	32.0	48.0
71	37.7	29.8	44.8

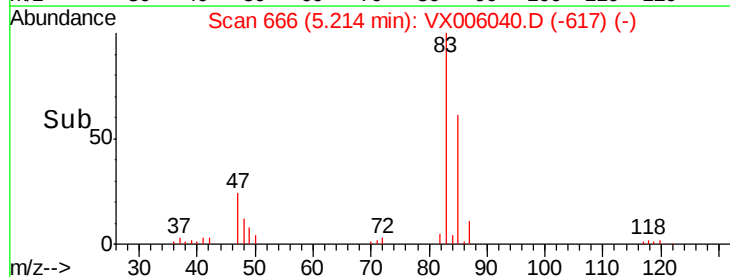
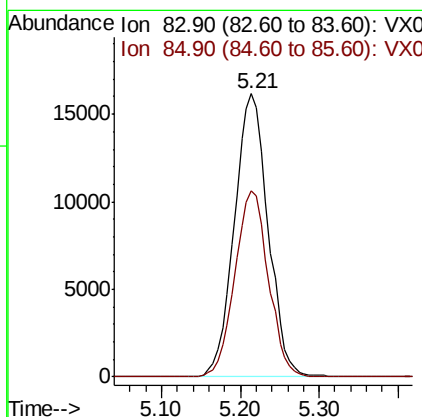
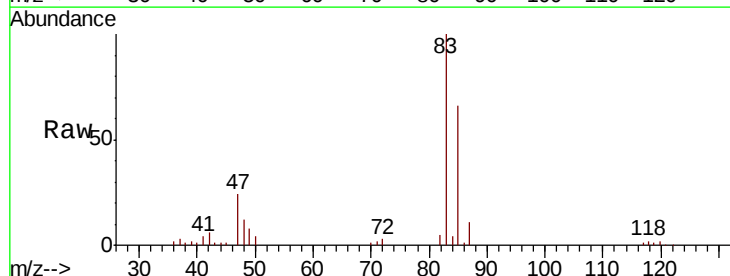
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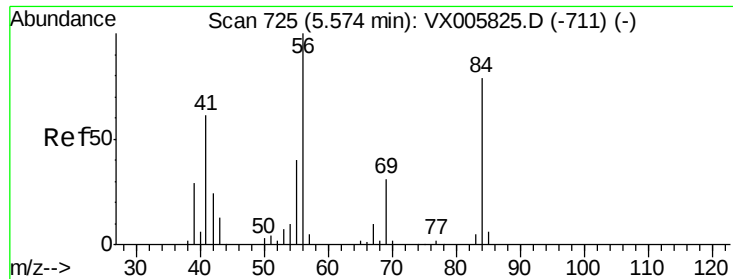
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#30
Chloroform
Concen: 19.579 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.6	76.0





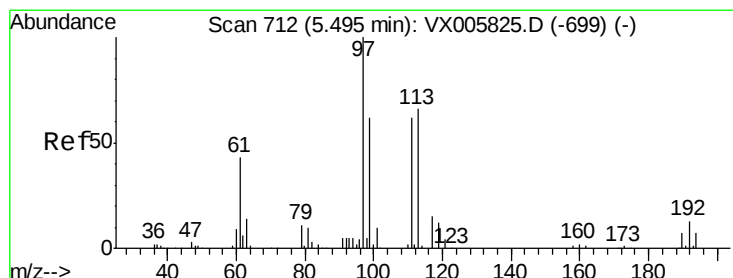
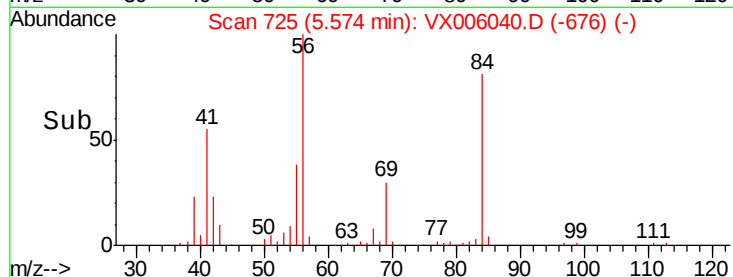
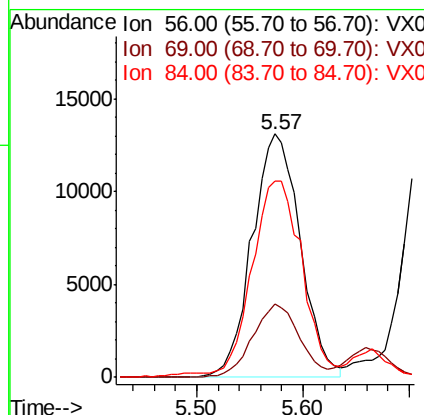
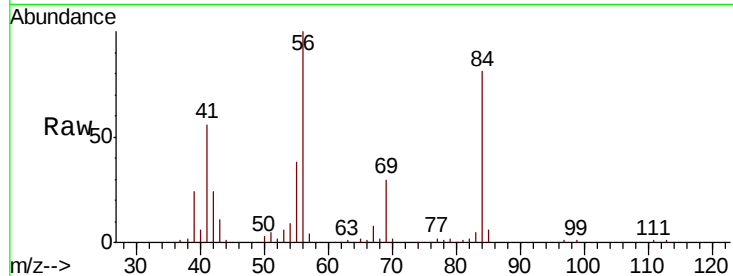
#31
Cyclohexane
Concen: 18.732 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	22.6	34.0
84	78.5	62.7	94.1

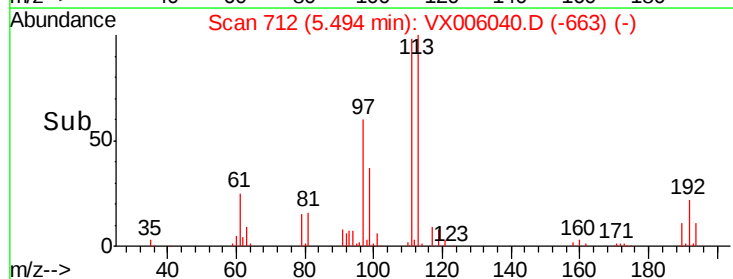
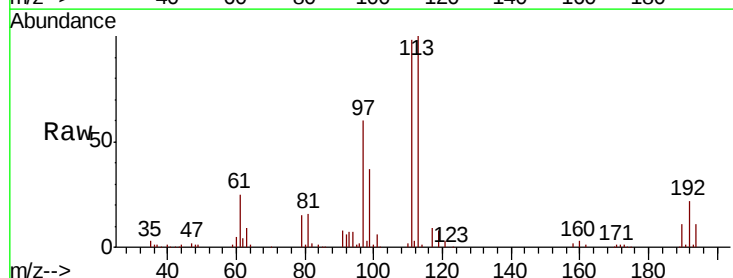
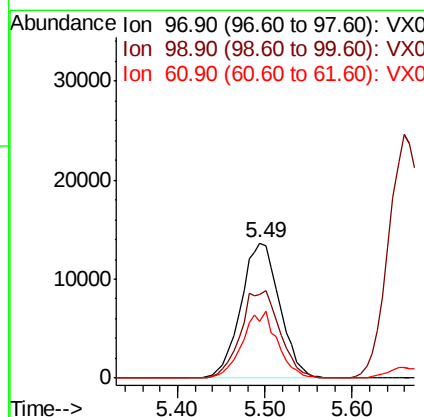
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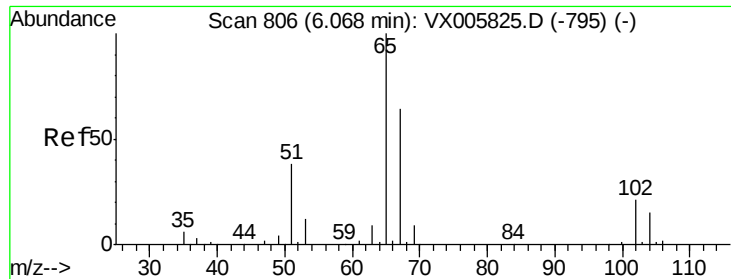
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#32
1,1,1-Trichloroethane
Concen: 20.613 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.3	78.5
61	44.6	35.2	52.8





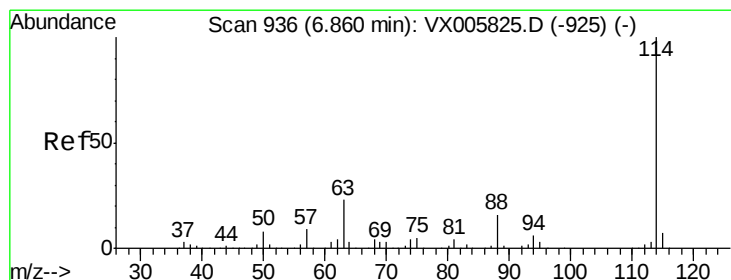
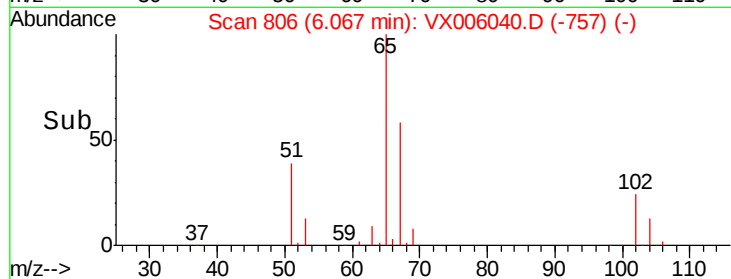
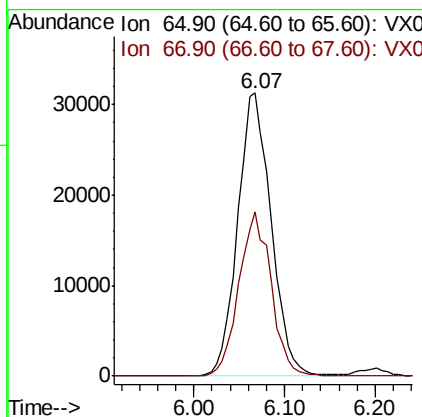
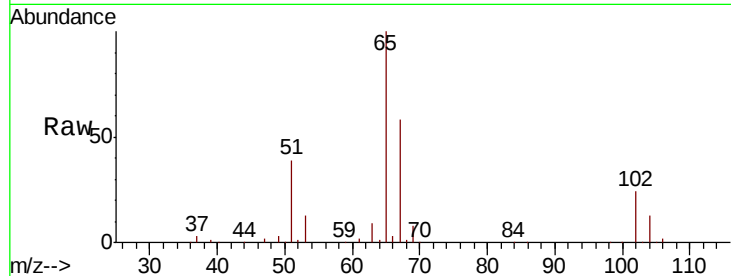
#33
 1,2-Dichloroethane-d4
 Concen: 50.604 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.9	0.0	105.0

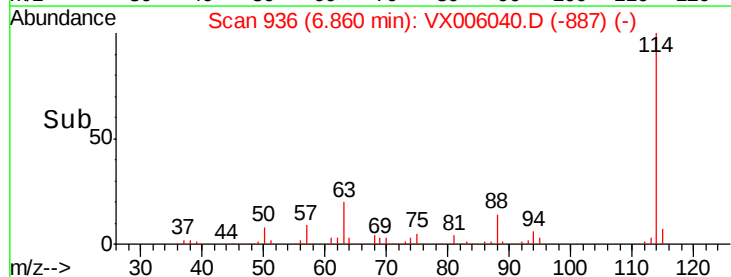
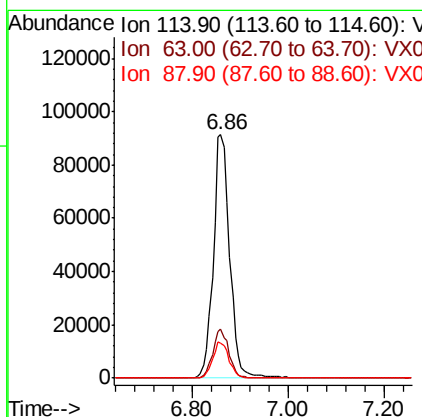
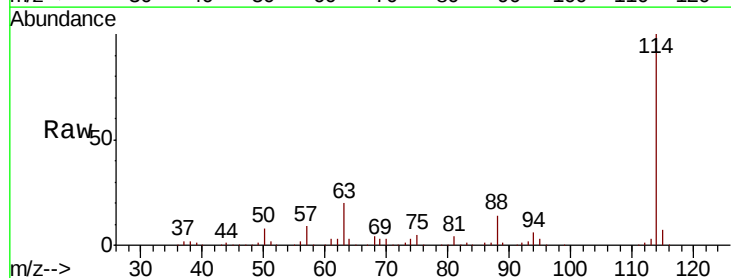
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.8
88	14.3	0.0	31.2





#35

Dibromofluoromethane

Concen: 44.614 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

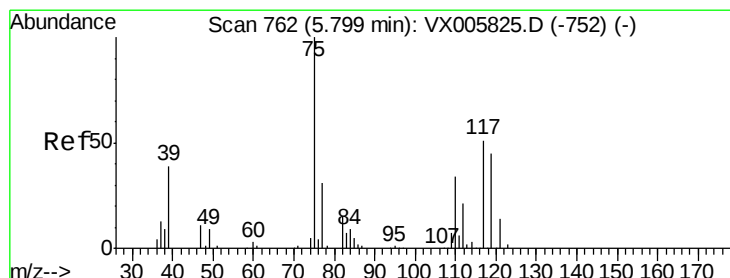
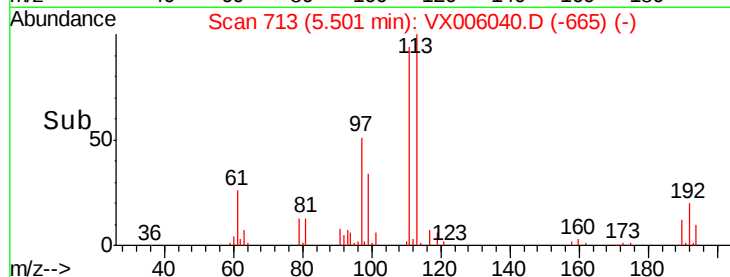
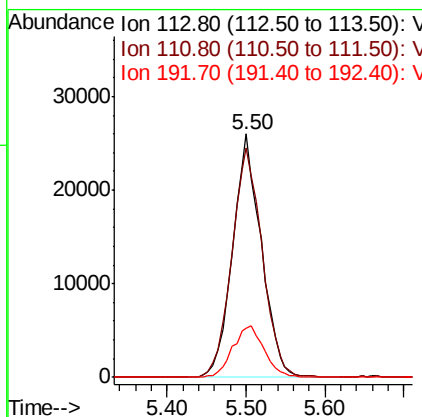
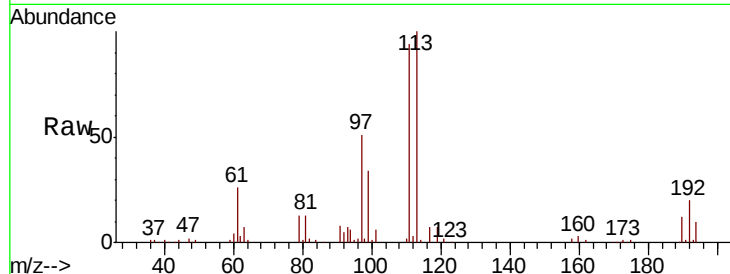
ClientSampleId :

VX1116WBS01

Tot Ion:	113	Resp:	65716
Ion	Ratio	Lower	Upper
113	100		
111	99.9	82.3	123.5
192	23.2	17.9	26.9

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 16.997 ug/l

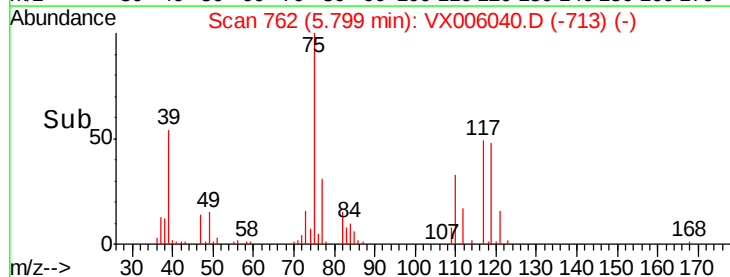
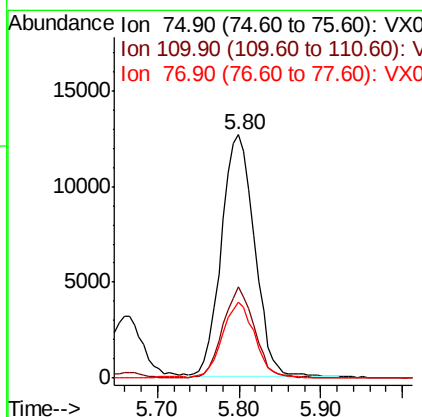
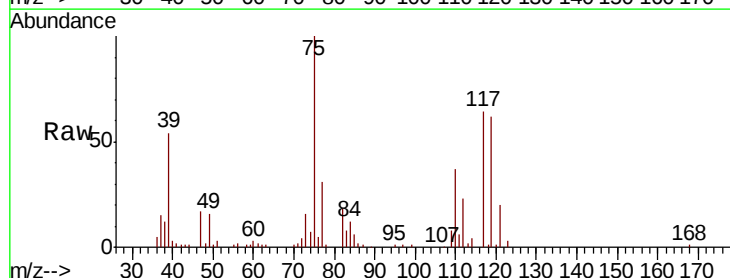
RT: 5.80 min Scan# 762

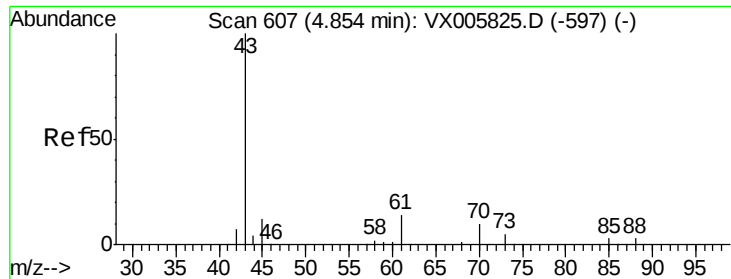
Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Tgt Ion:	75	Resp:	35486
Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.4	52.2
77	30.8	25.8	38.6





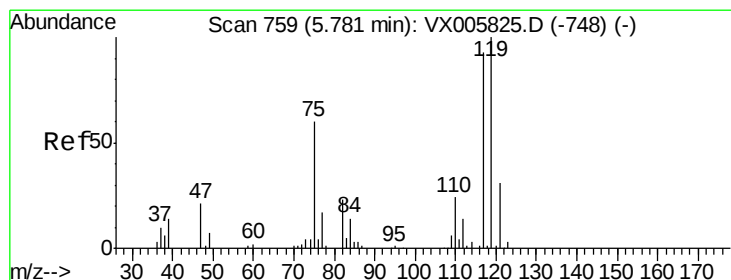
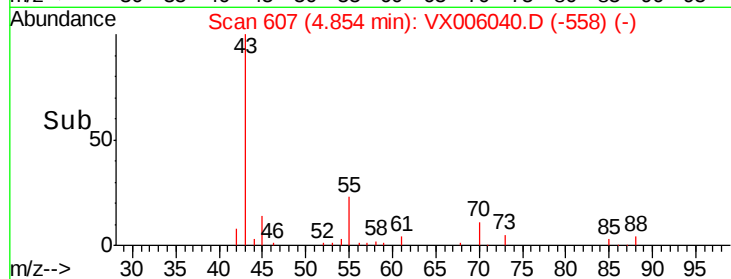
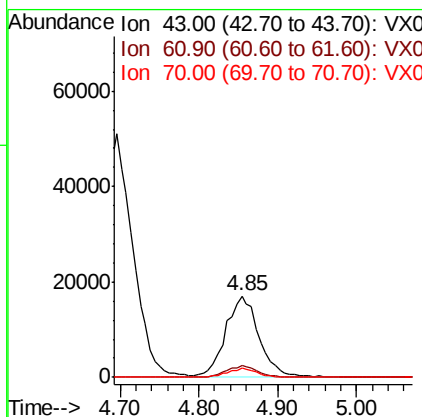
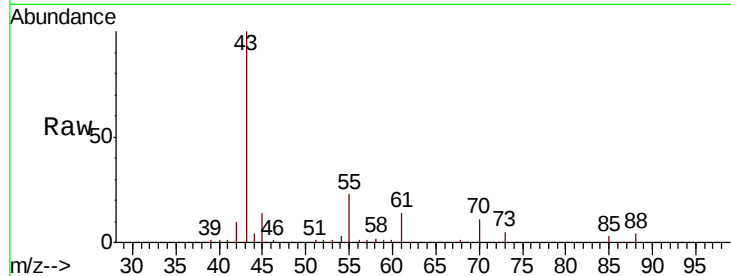
#37
Ethyl Acetate
Concen: 17.979 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.8	16.2
70	10.0	7.8	11.8

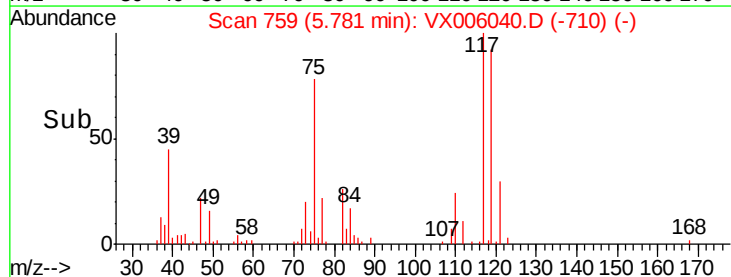
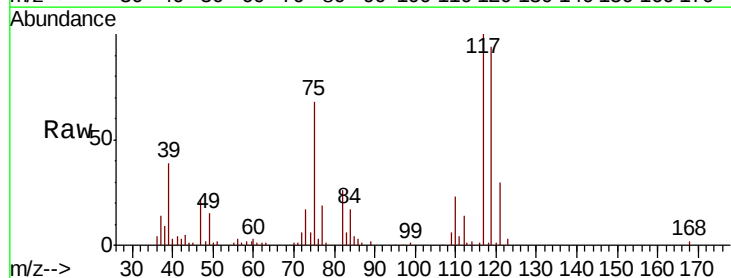
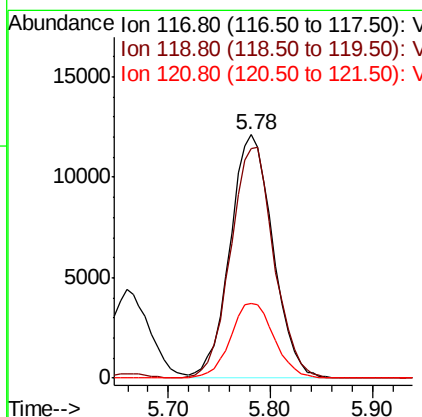
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#38
Carbon Tetrachloride
Concen: 16.885 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	78.1	117.1
121	30.4	24.6	36.8





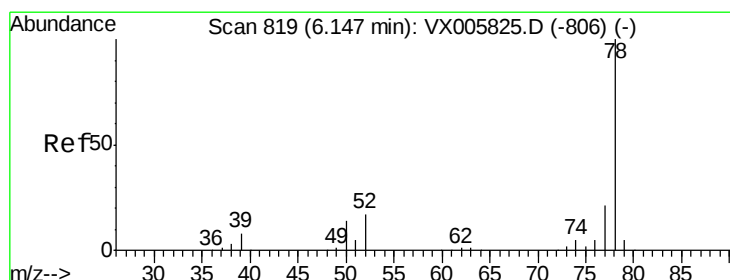
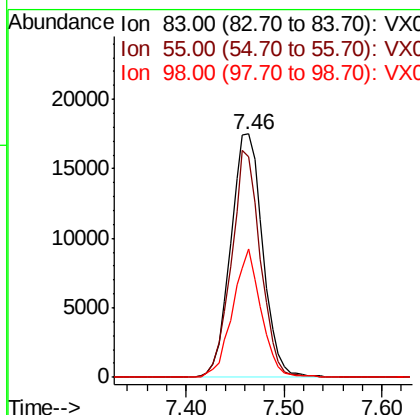
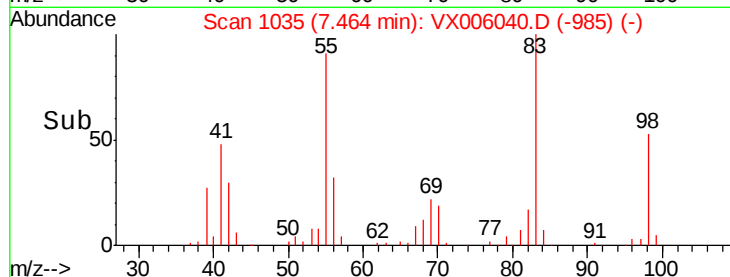
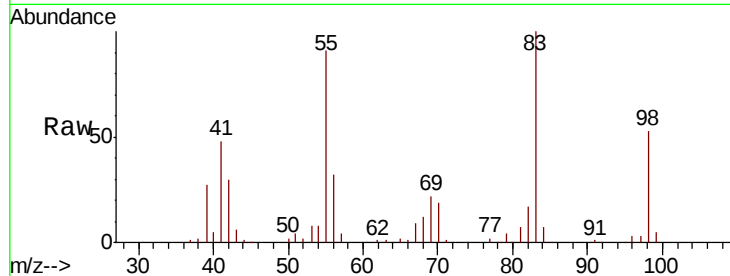
#39
Methylvlcvclohexane
Concen: 18.770 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	39718		
55	90.6	63.7	95.5	
98	52.9	36.2	54.2	

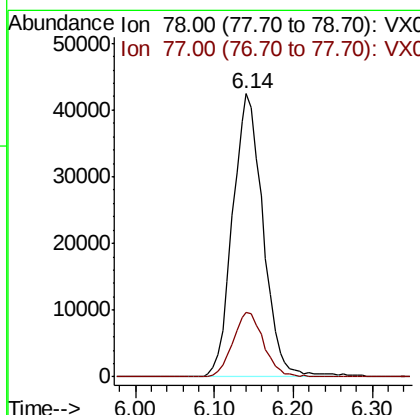
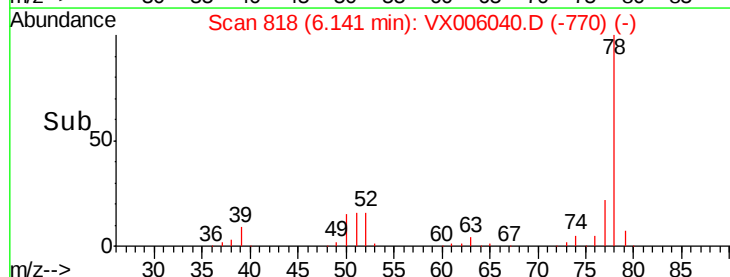
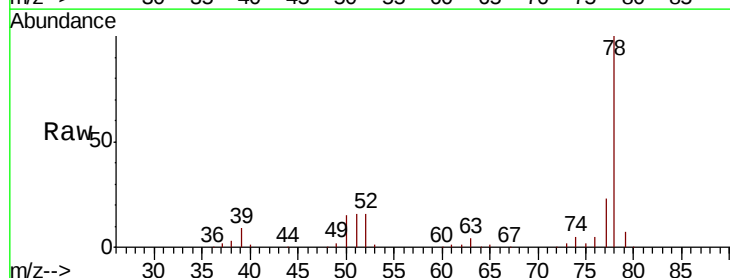
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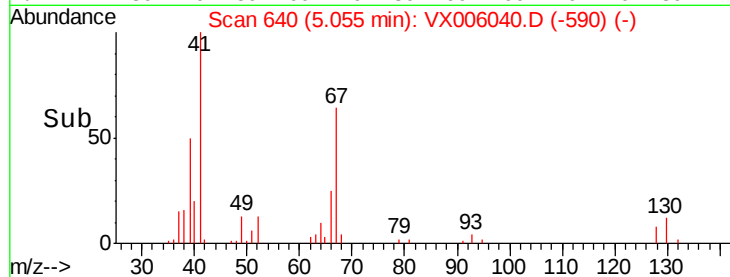
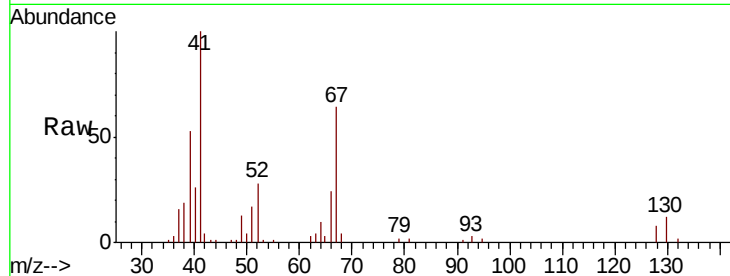
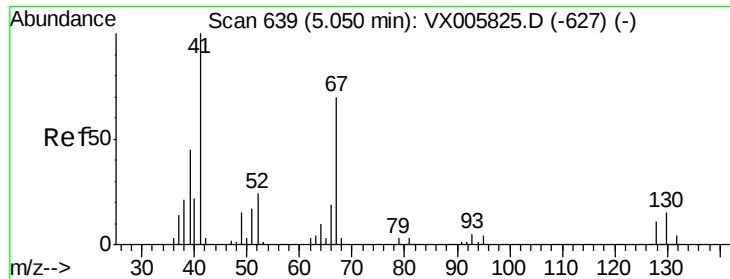
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#40
Benzene
Concen: 18.749 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

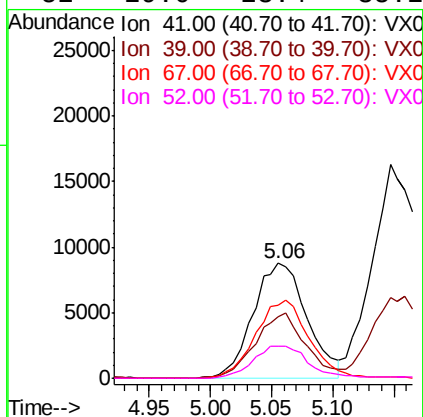
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	114112		
77	22.9	18.4	27.6	





#41
Methacrylonitrile
Concen: 18.093 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

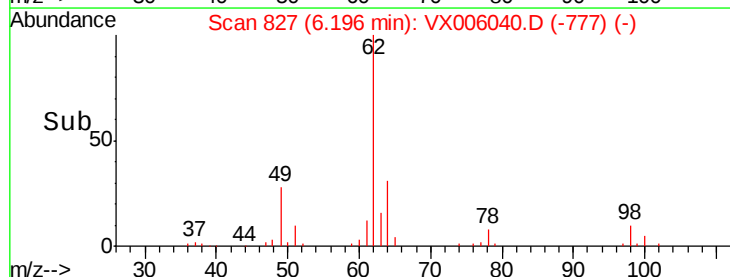
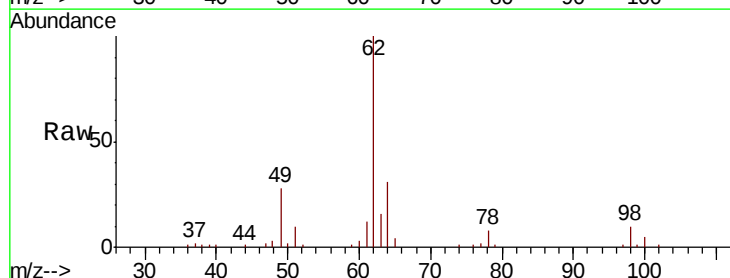
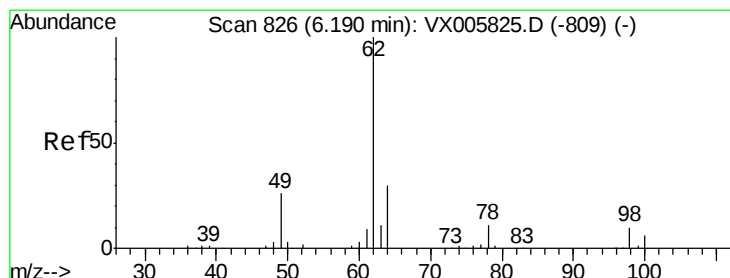
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.0	42.2	63.2	
67	67.7	53.4	80.0	
52	29.0	23.4	35.2	



Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

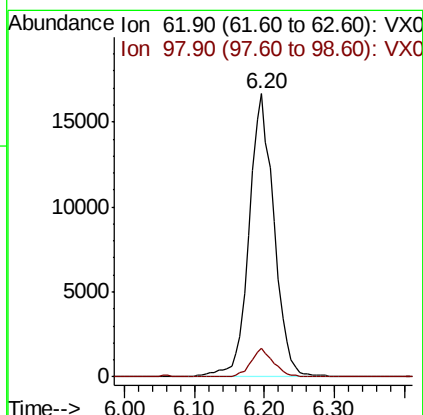
Manual Integrations
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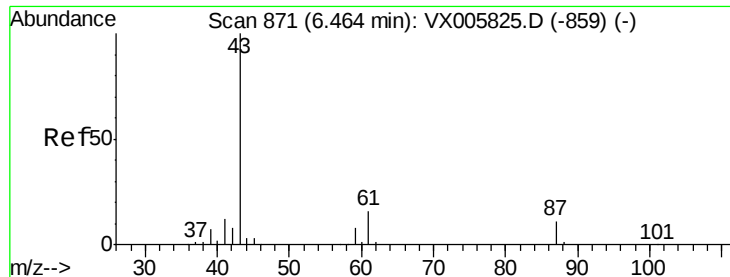
MMDadoda
11/19/2018 12:23:11 PM



#42
1,2-Dichloroethane
Concen: 18.925 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	17.8	





#43

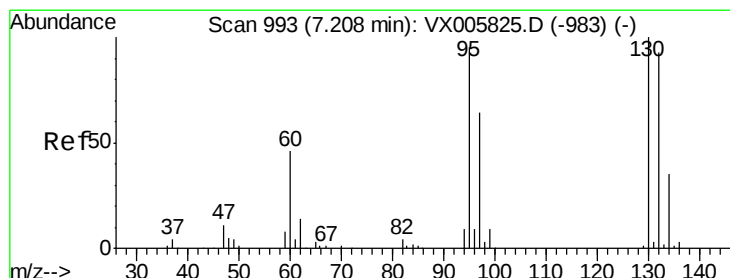
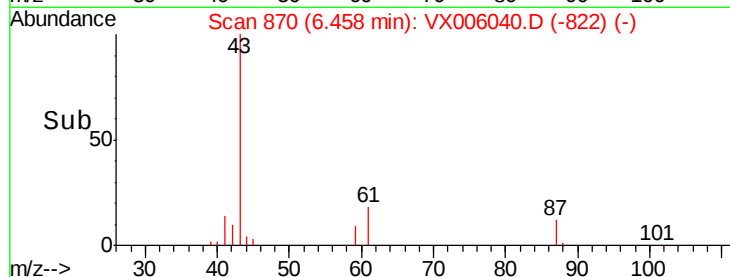
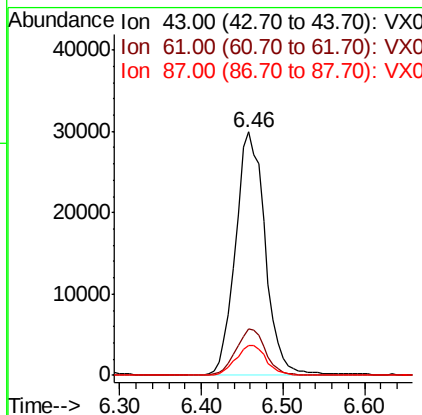
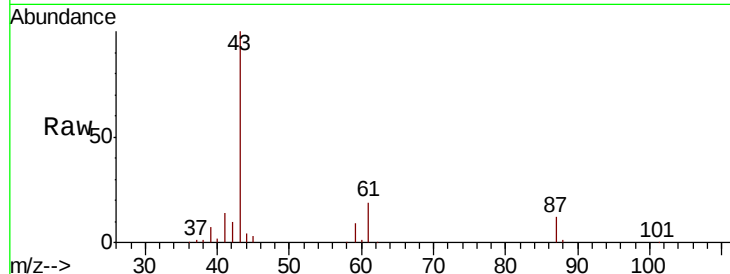
Isopropyl Acetate
 Concen: 18.965 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.6	22.0
87	12.6	9.6	14.4

Manual Integrations
 APPROVED

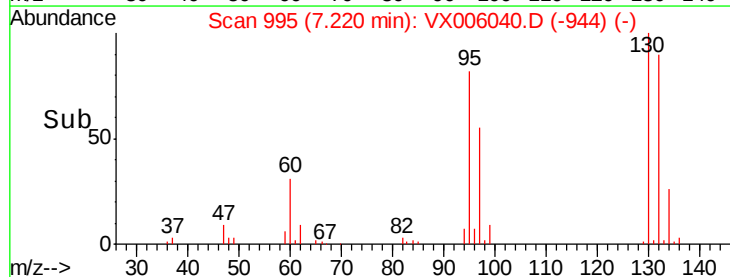
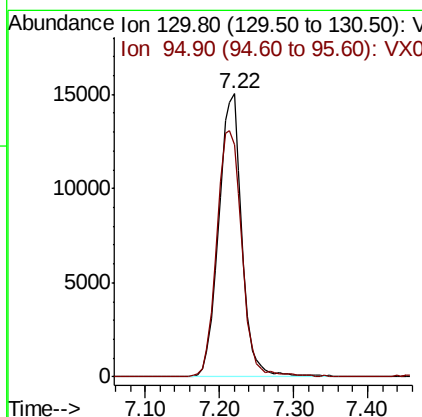
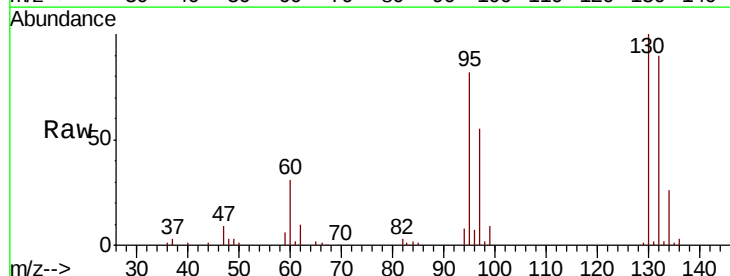
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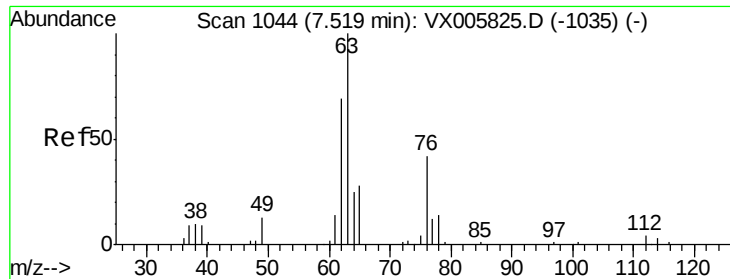


#44

Trichloroethene
 Concen: 20.880 ug/l
 RT: 7.22 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	82.2	0.0	194.2





#45

1,2-Dichloropropane

Concen: 20.175 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1116WBS01

Tot Ion: 63 Resp: 29803

Ion Ratio Lower Upper

63 100

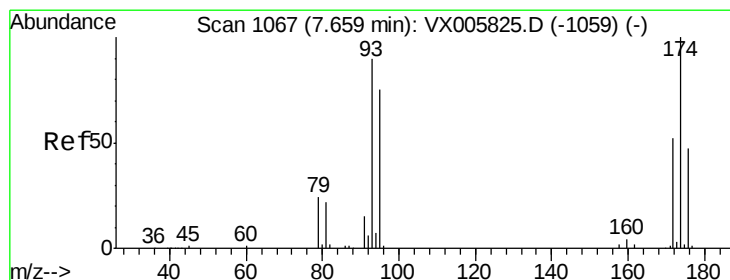
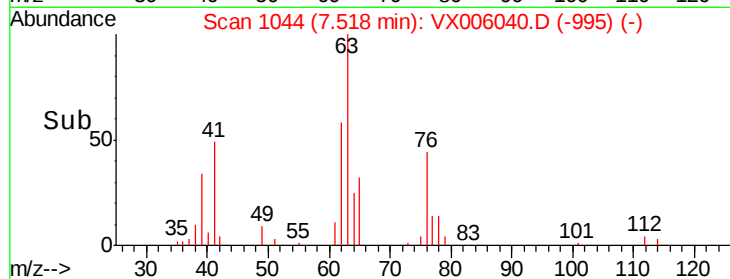
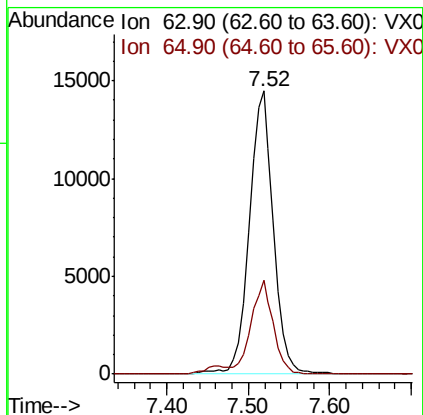
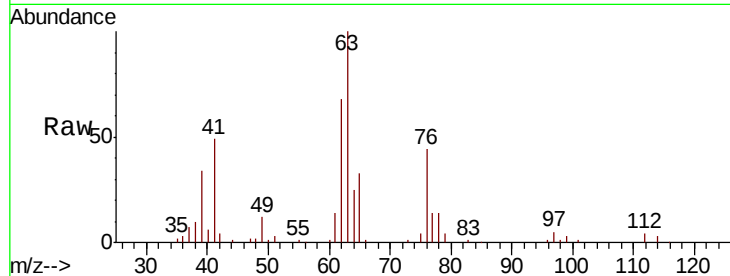
65 33.2 24.8 37.2

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#46

Dibromomethane

Concen: 19.558 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

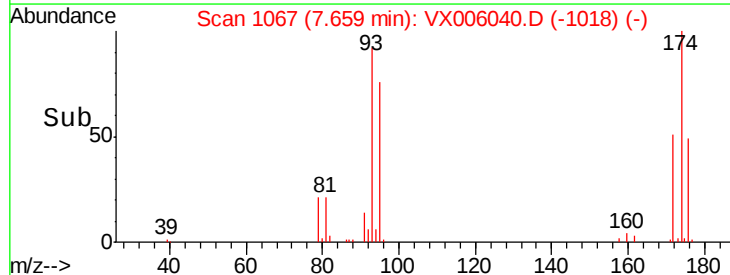
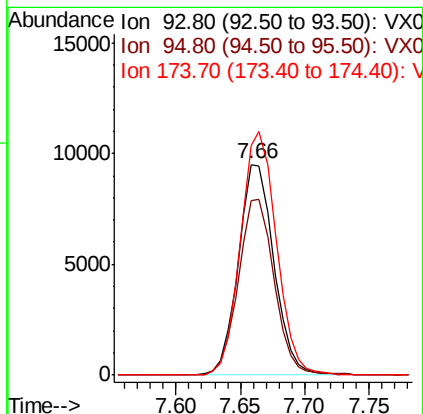
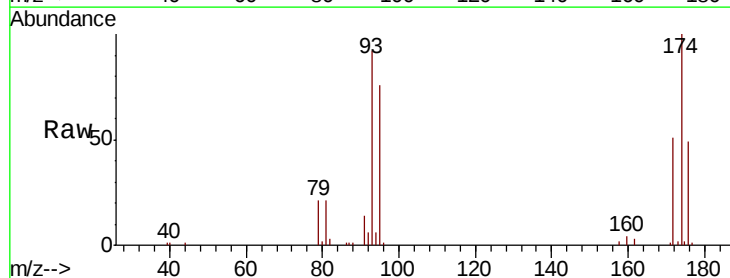
Tgt Ion: 93 Resp: 18130

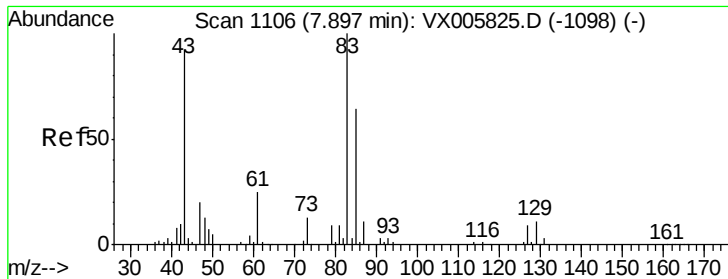
Ion Ratio Lower Upper

93 100

95 84.5 67.4 101.0

174 116.8 91.5 137.3





#47

Bromodichloromethane

Concen: 20.055 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

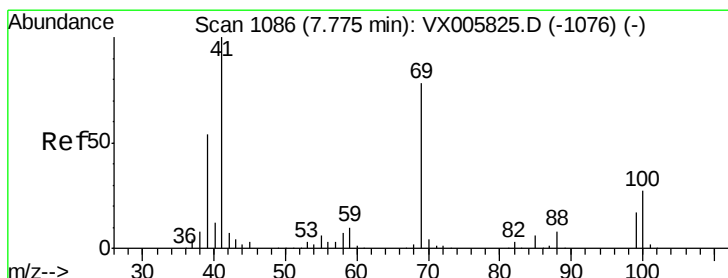
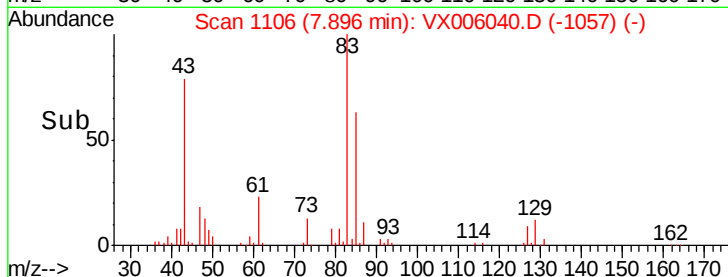
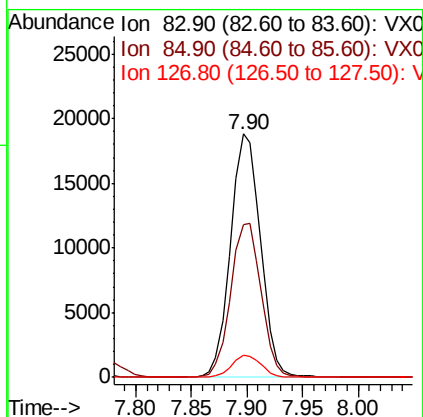
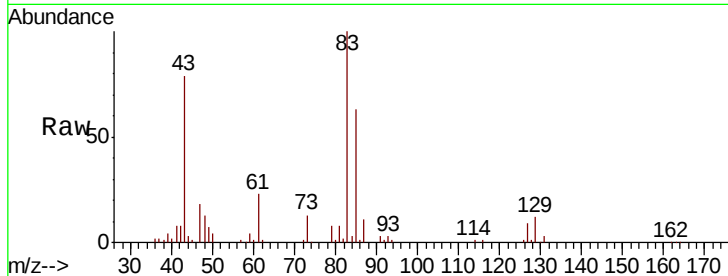
ClientSampleId :

VX1116WBS01

Tot Ion:	83	Resp:	35134
Ion	Ratio	Lower	Upper
83	100		
85	62.8	50.2	75.4
127	9.1	6.9	10.3

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#48

Methyl methacrylate

Concen: 19.967 ug/l

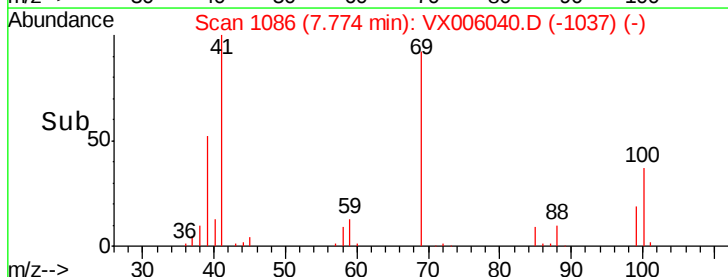
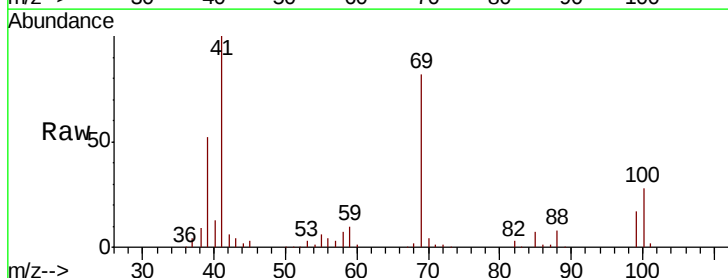
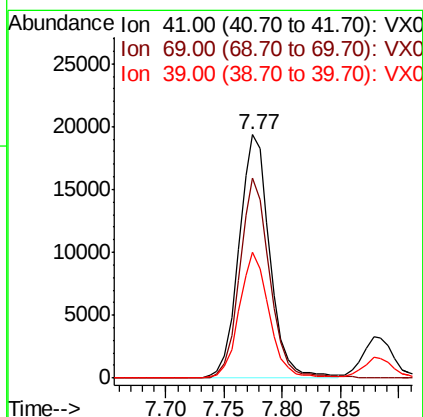
RT: 7.77 min Scan# 1086

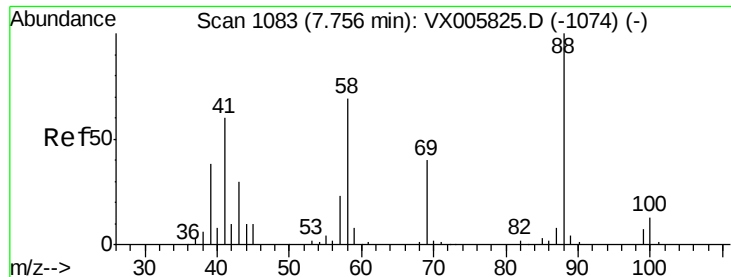
Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Tgt Ion:	41	Resp:	35666
Ion	Ratio	Lower	Upper
41	100		
69	79.7	63.2	94.8
39	50.3	42.2	63.2





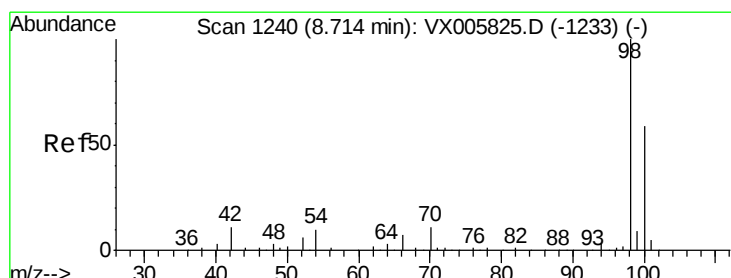
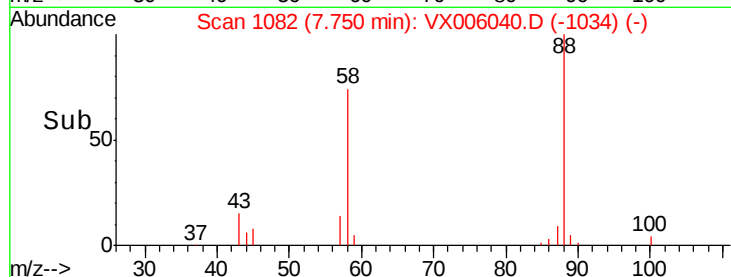
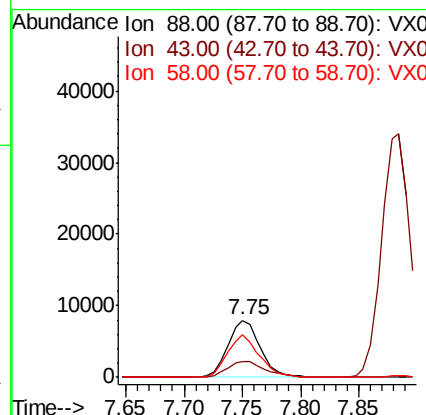
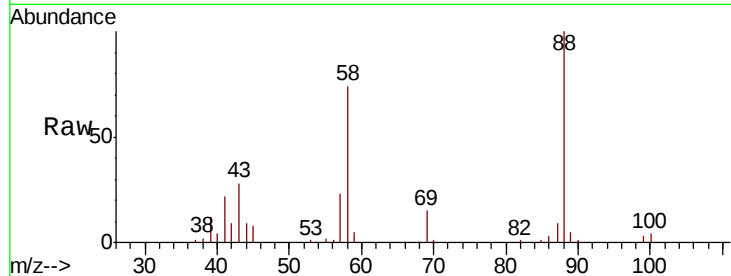
#49
1,4-Dioxane
Concen: 399.748 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	27.4	41.0
58	73.0	59.4	89.2

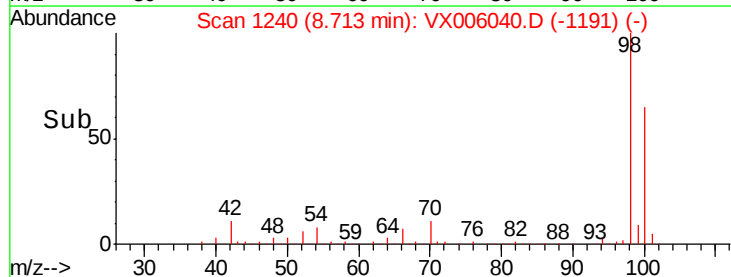
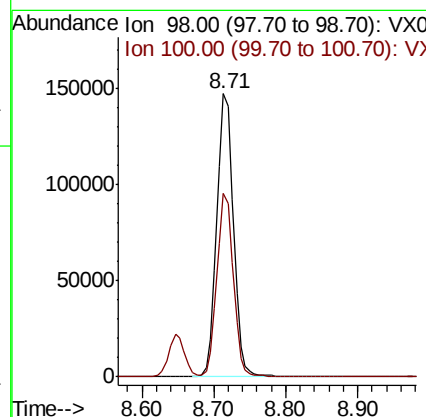
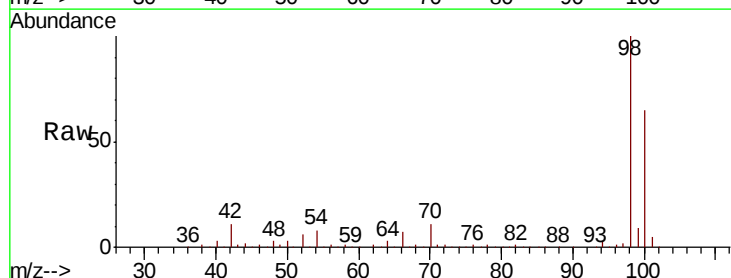
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#50
Toluene-d8
Concen: 48.252 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.3	76.9





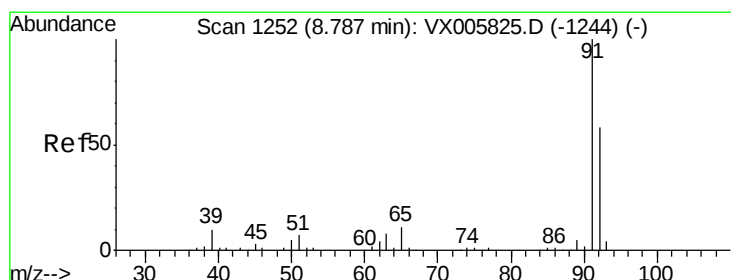
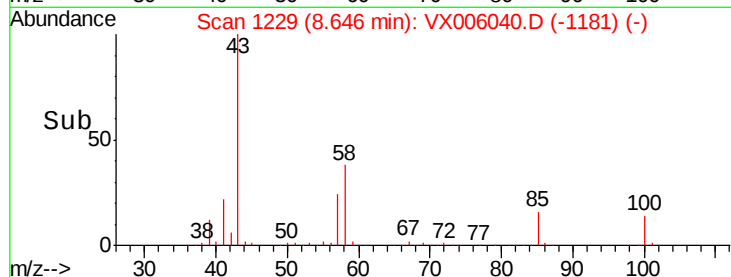
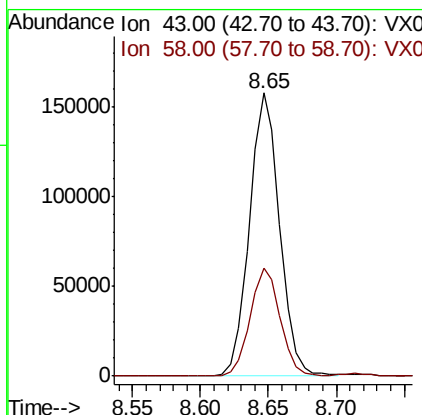
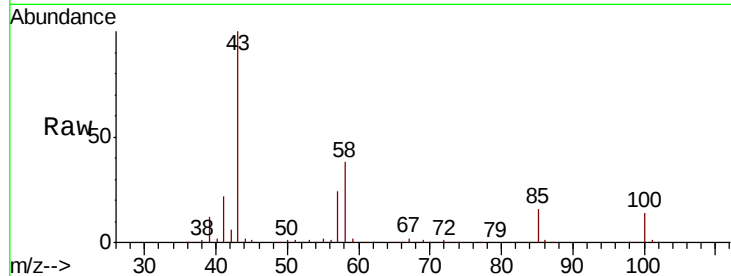
#51
4-Methyl-2-Pentanone
Concen: 97.697 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion	43	58	Ratio	Lower	Upper
244946	100	38.1		29.7	44.5

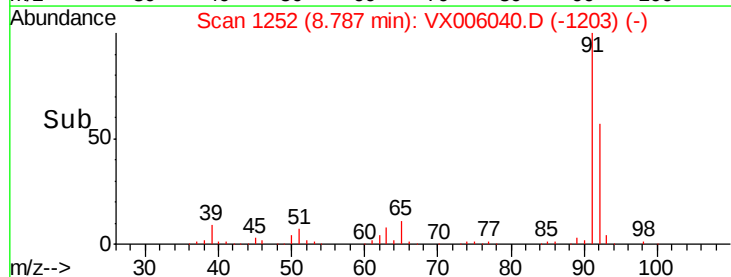
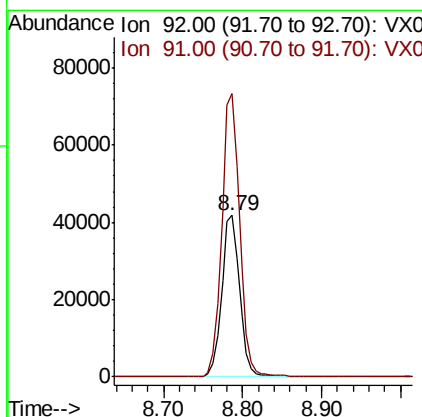
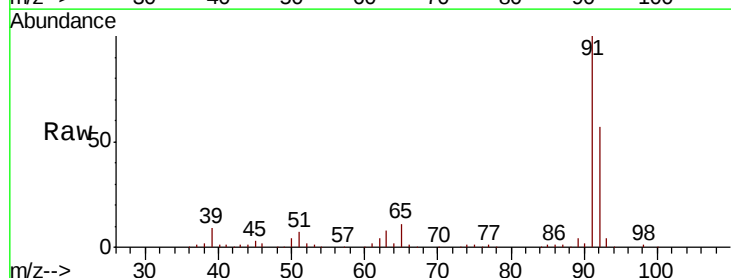
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#52
Toluene
Concen: 19.366 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion	92	91	Ratio	Lower	Upper
65873	100	175.5		140.4	210.6





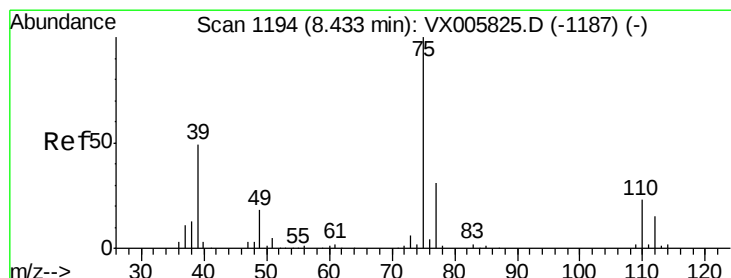
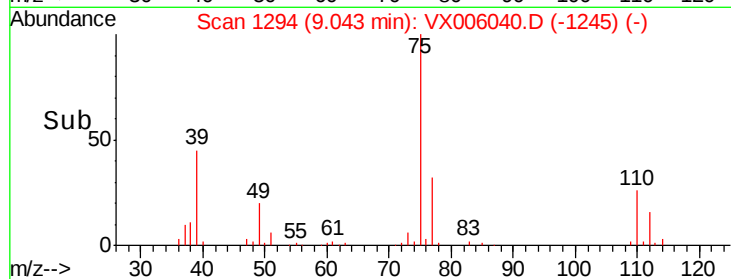
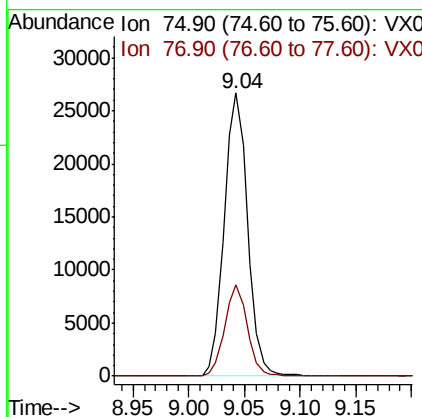
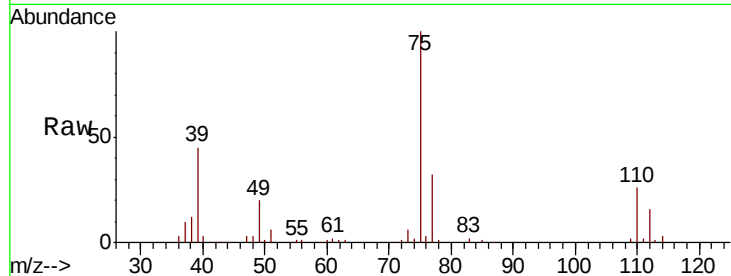
#53
t-1,3-Dichloropropene
Concen: 18.781 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion: 75 Resp: 38827
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2

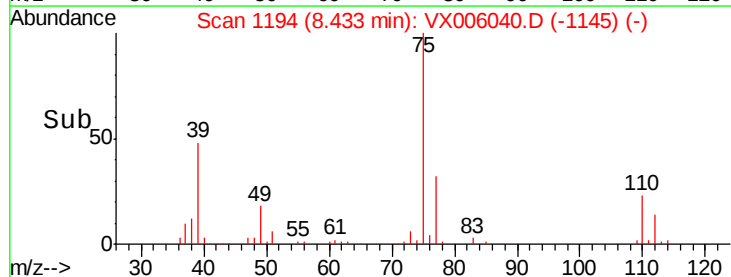
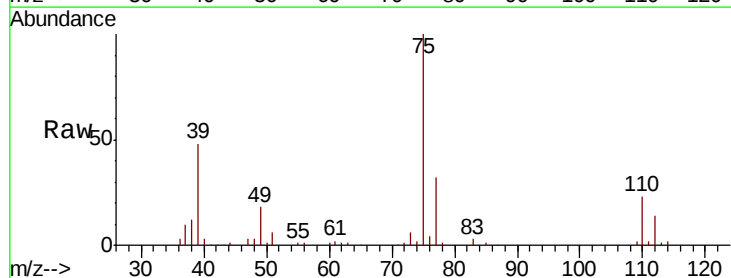
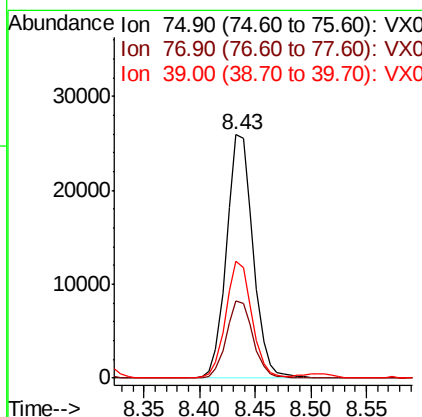
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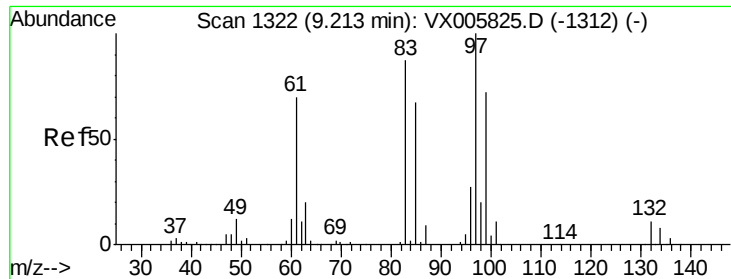
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#54
cis-1,3-Dichloropropene
Concen: 20.341 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion: 75 Resp: 42862
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
39 48.0 38.2 57.2





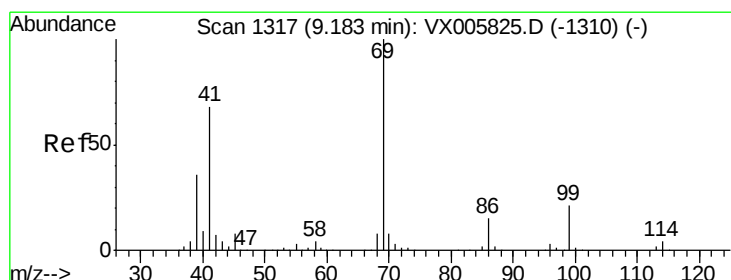
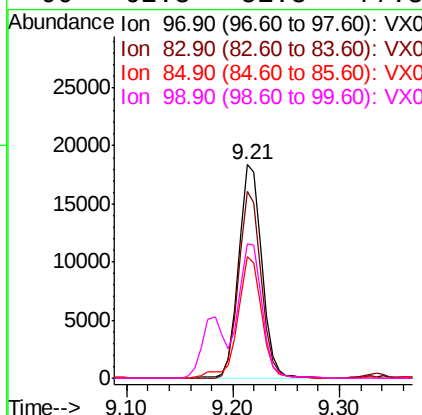
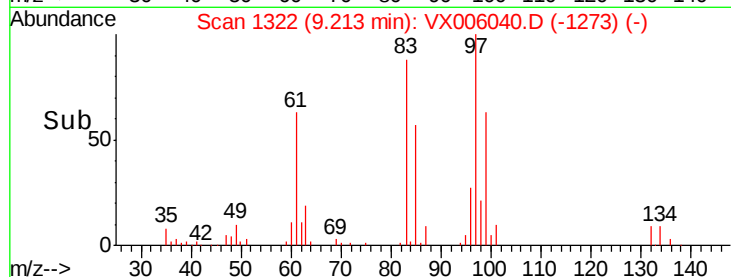
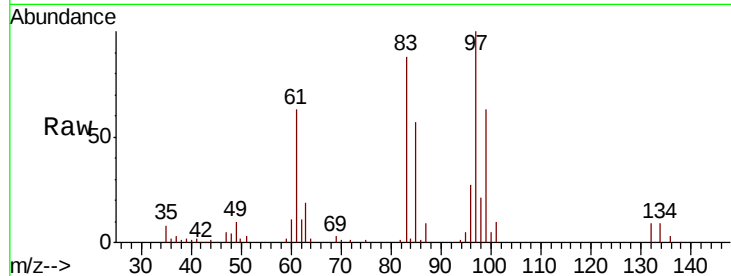
#55
1,1,2-Trichloroethane
Concen: 18.689 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion:	97	Resp:	28332
Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.7	106.1
85	57.1	45.8	68.6
99	62.8	51.8	77.8

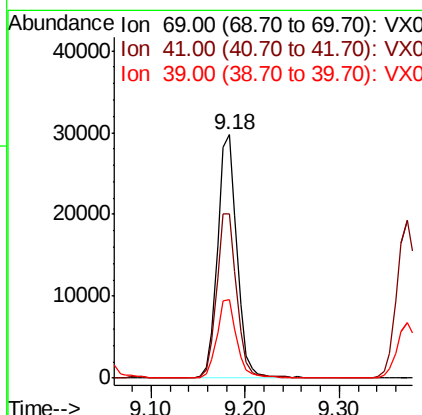
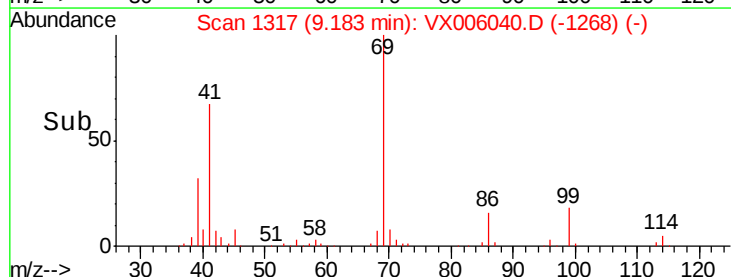
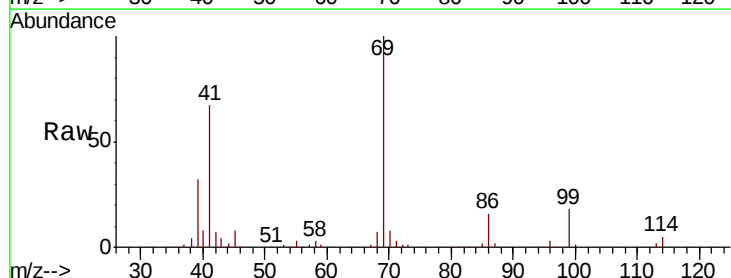
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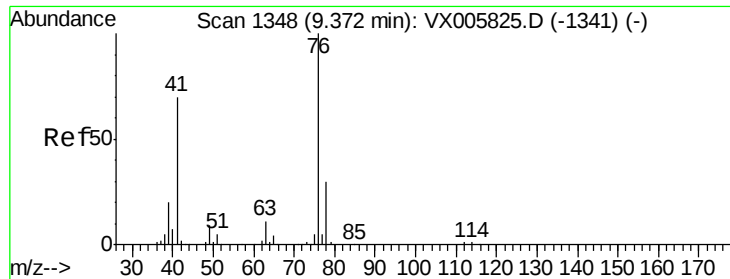
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#56
Ethyl methacrylate
Concen: 18.734 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion:	69	Resp:	42495
Ion	Ratio	Lower	Upper
69	100		
41	70.1	57.0	85.6
39	33.5	28.3	42.5





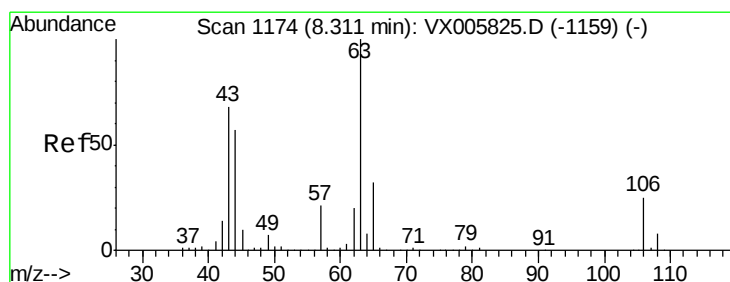
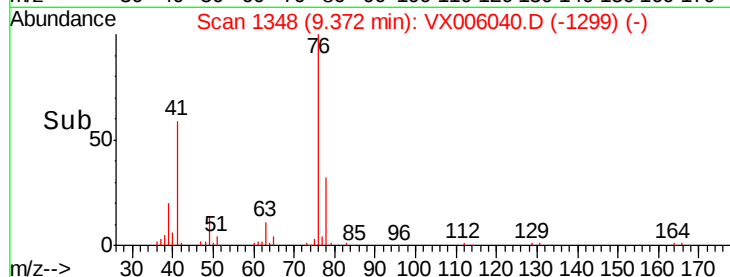
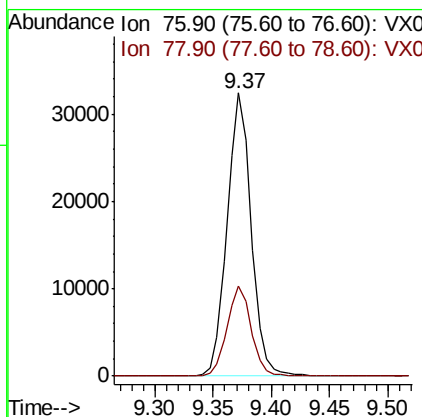
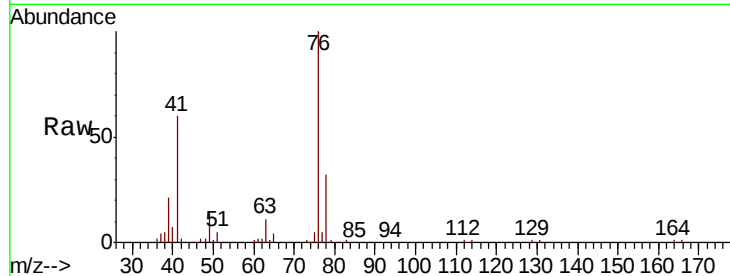
#57
 1,3-Dichloropropane
 Concen: 18.334 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

Tot Ion: 76 Resp: 46708
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.3 37.9

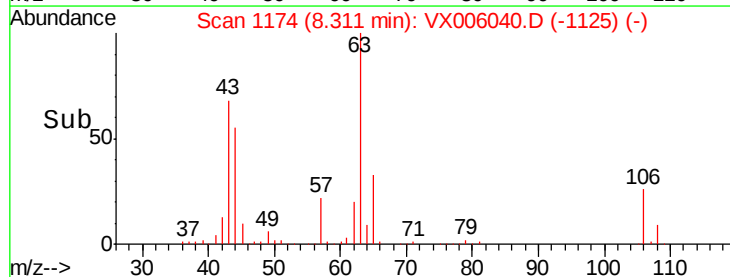
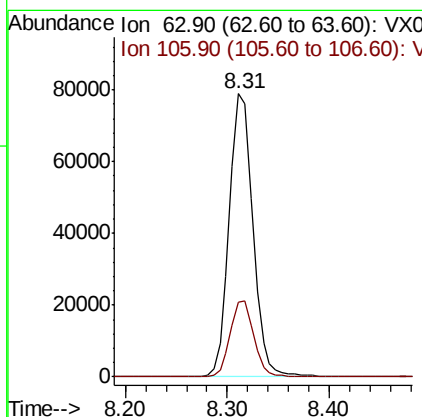
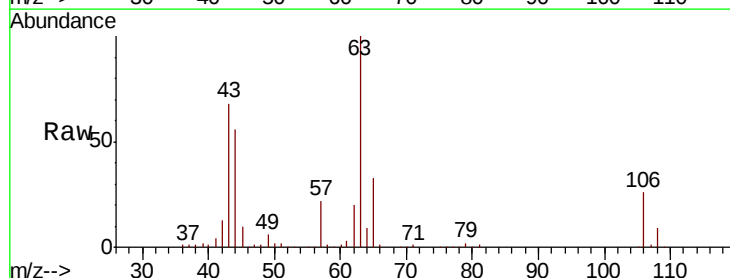
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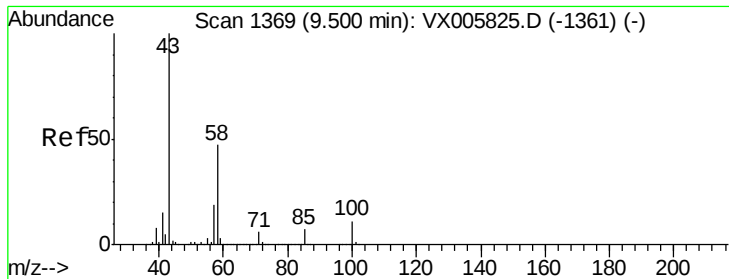
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#58
 2-Chloroethyl Vinyl ether
 Concen: 107.638 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Tgt Ion: 63 Resp: 127015
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.3 31.9





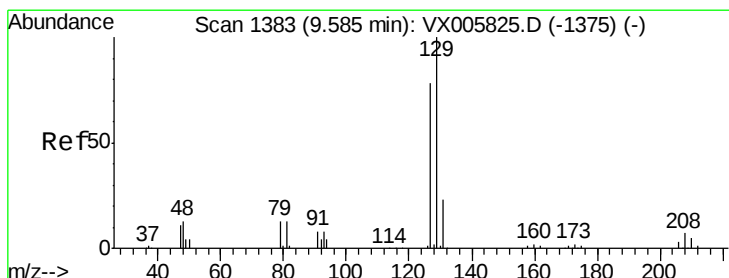
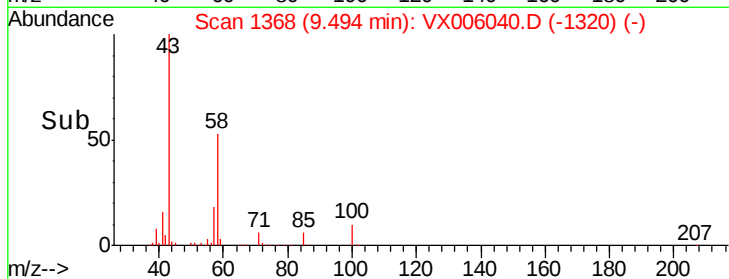
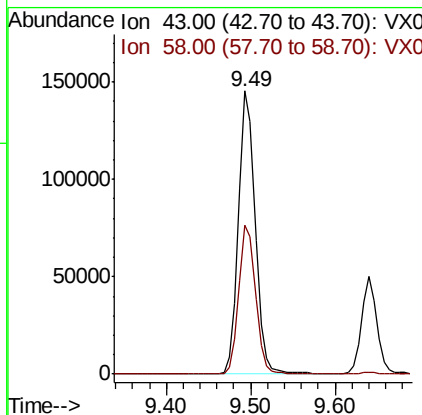
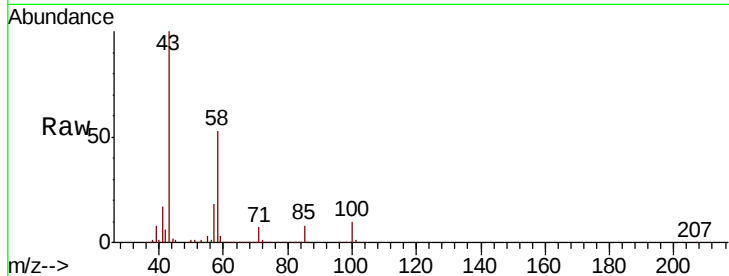
#59
2-Hexanone
Concen: 88.053 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion: 43 Resp: 194597
Ion Ratio Lower Upper
43 100
58 52.9 25.9 77.8

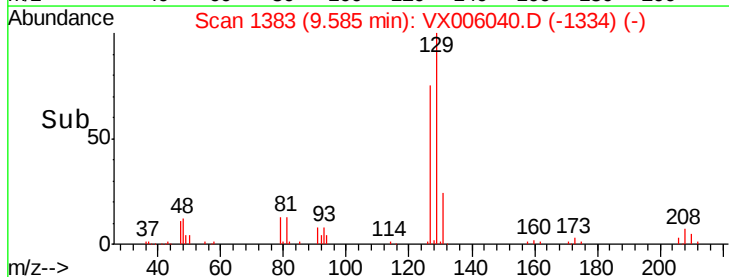
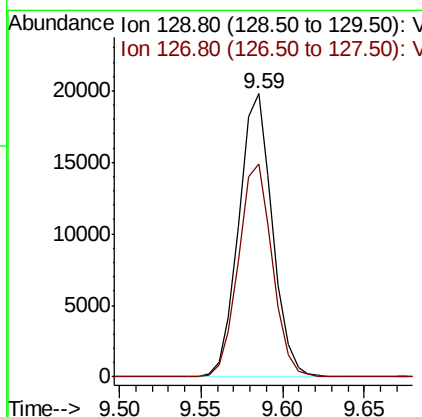
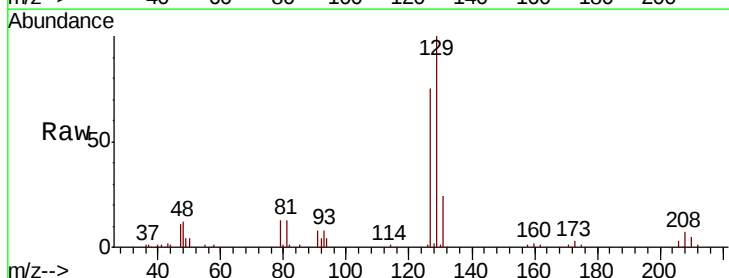
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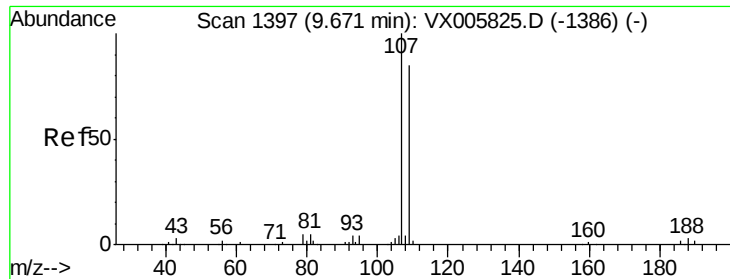
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#60
Dibromochloromethane
Concen: 17.352 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion: 129 Resp: 28429
Ion Ratio Lower Upper
129 100
127 76.0 38.9 116.7





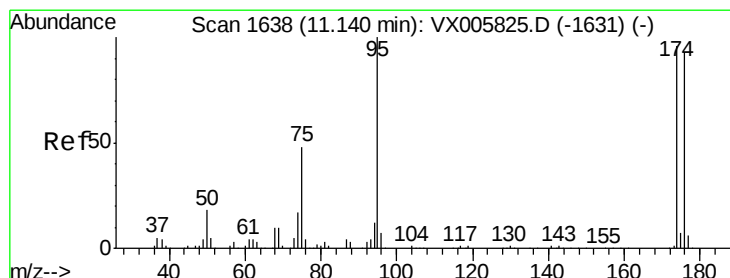
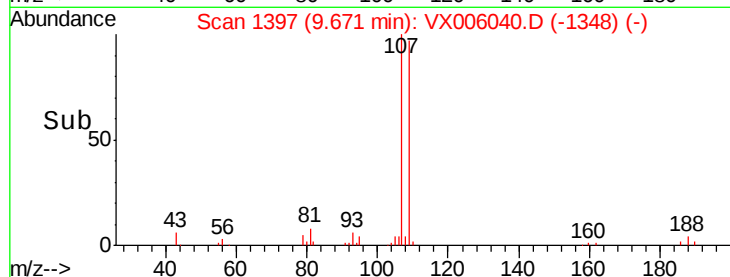
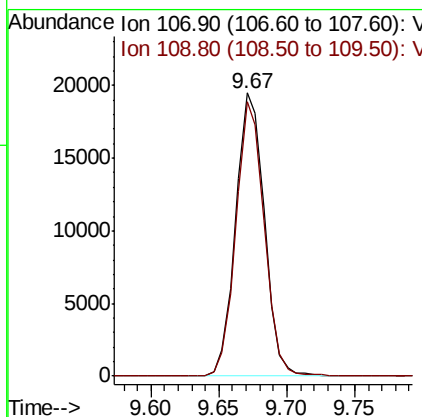
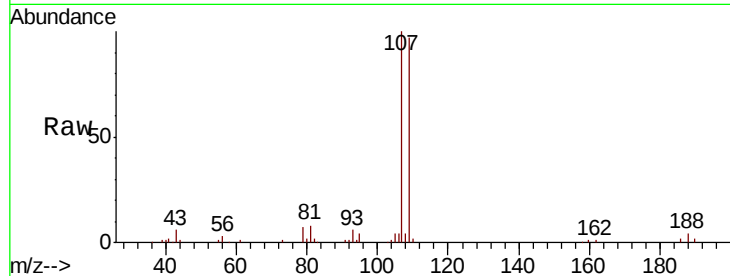
#61
 1,2-Dibromoethane
 Concen: 17.098 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

Tot Ion: 107 Resp: 28662
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.7 113.5

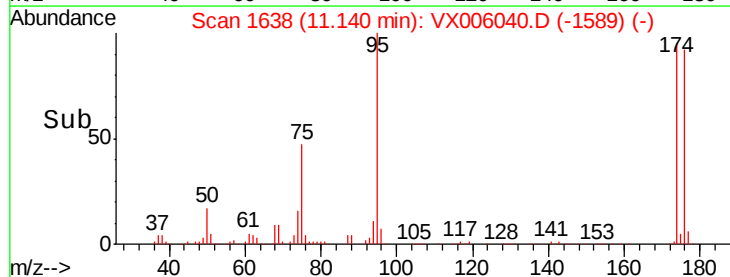
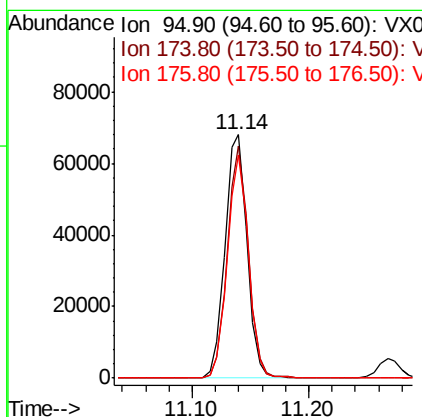
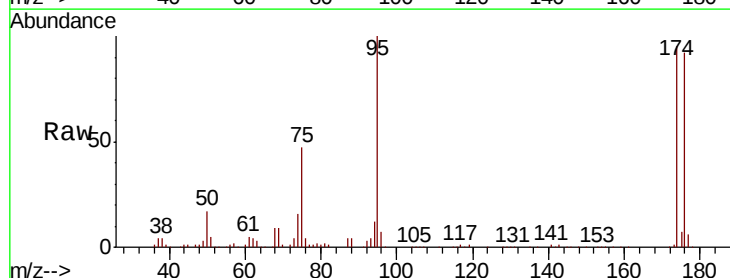
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#62
 4-Bromofluorobenzene
 Concen: 50.643 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Tgt Ion: 95 Resp: 89165
 Ion Ratio Lower Upper
 95 100
 174 91.2 0.0 184.4
 176 88.5 0.0 177.4





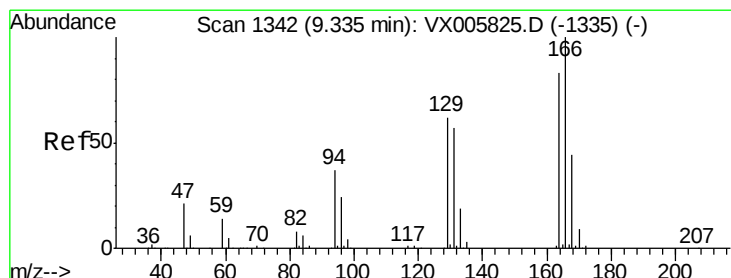
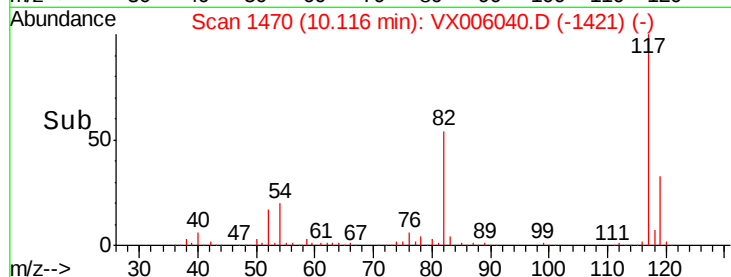
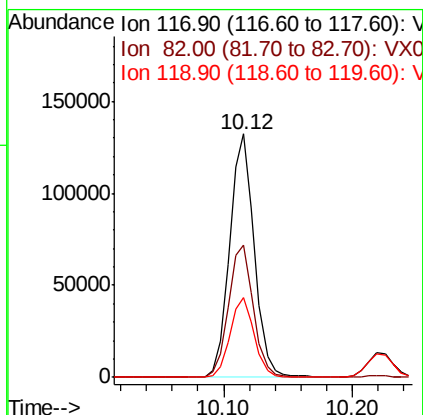
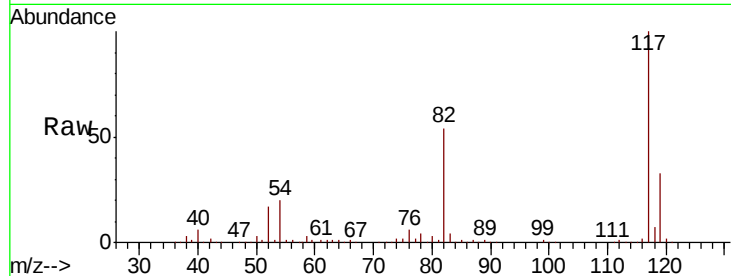
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.1	66.1
119	32.7	26.2	39.2

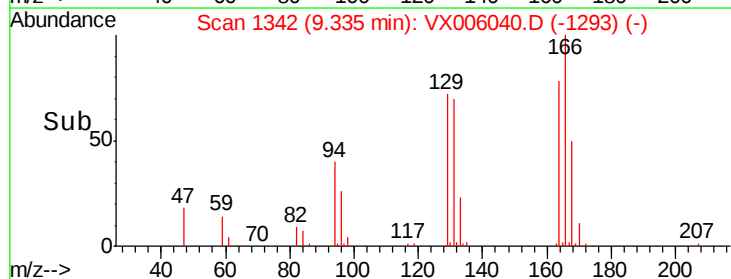
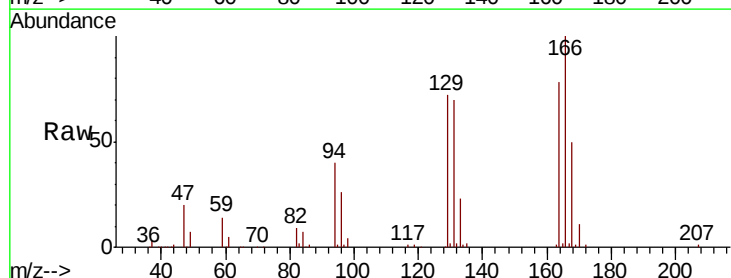
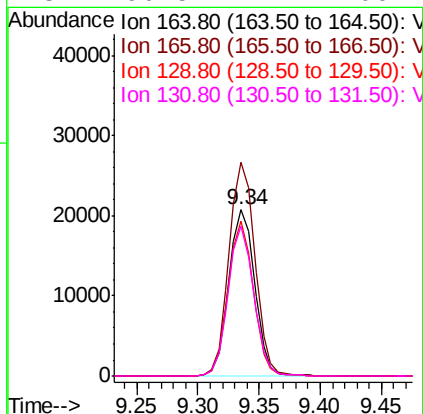
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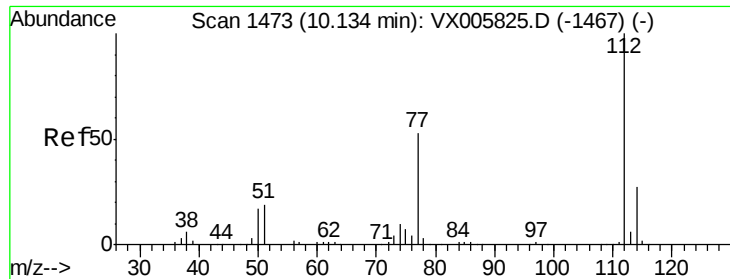
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#64
Tetrachloroethene
Concen: 20.326 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	101.9	152.9
129	93.0	72.6	109.0
131	90.5	71.1	106.7





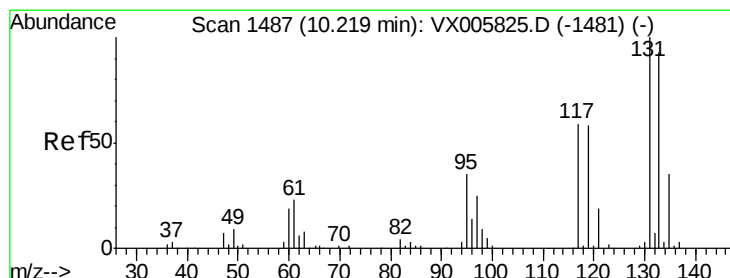
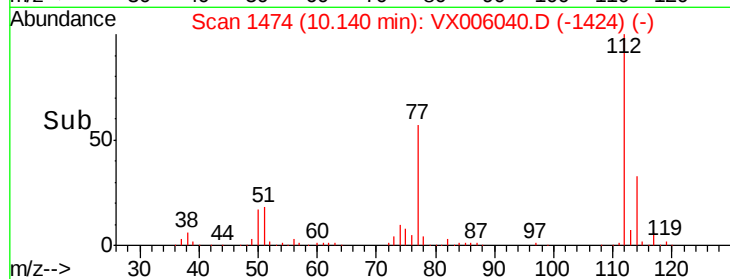
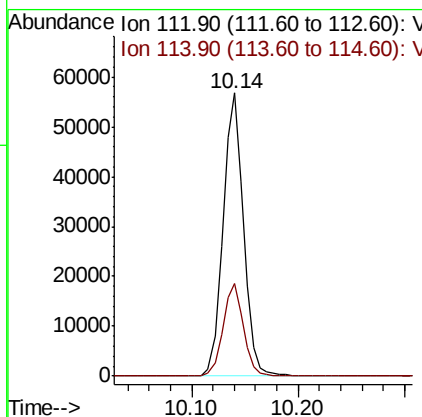
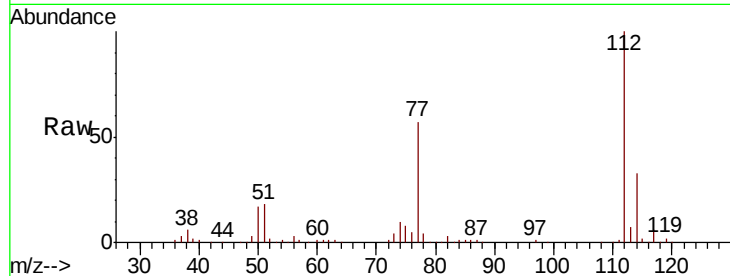
#65
Chlorobenzene
Concen: 21.455 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion:112 Resp: 75937
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6

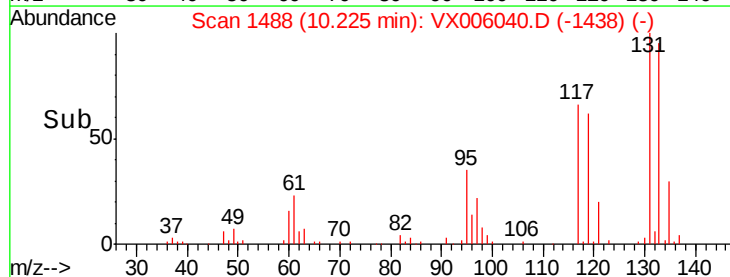
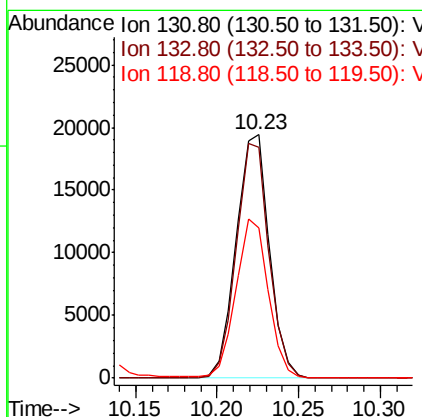
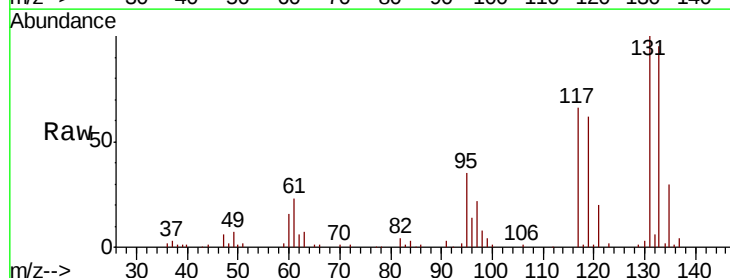
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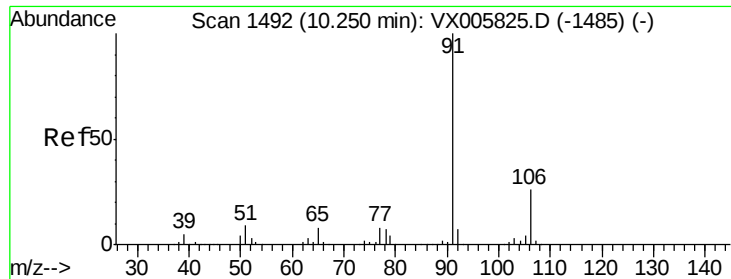
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.432 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion:131 Resp: 27603
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.5
119 63.8 31.8 95.3





#67

Ethyl Benzene

Concen: 22.335 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1116WBS01

Tot Ion: 91 Resp: 126760

Ion Ratio Lower Upper

91 100

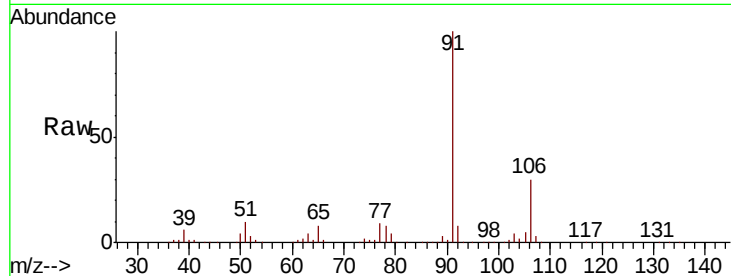
106 30.4 24.4 36.6

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Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX005825.D (-1485) (-)

150000

100000

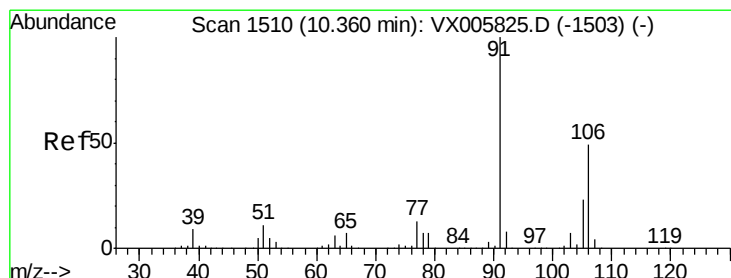
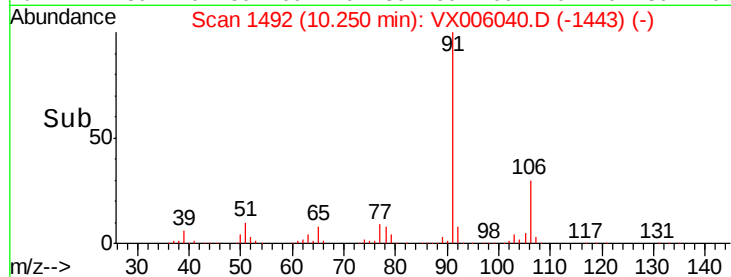
50000

0

10.25

10.30

Time-->



#68

m/p-Xylenes

Concen: 45.426 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006040.D

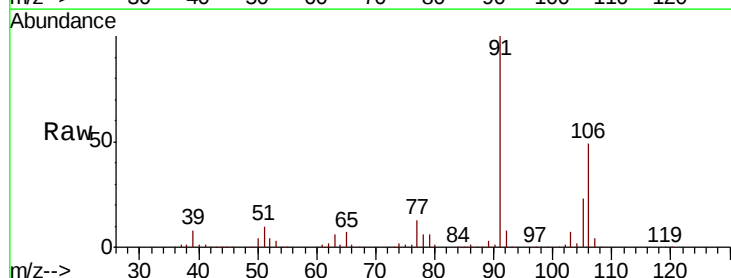
Acq: 16 Nov 2018 10:55

Tgt Ion: 106 Resp: 98341

Ion Ratio Lower Upper

106 100

91 204.5 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005825.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX005825.D (-1503) (-)

150000

100000

50000

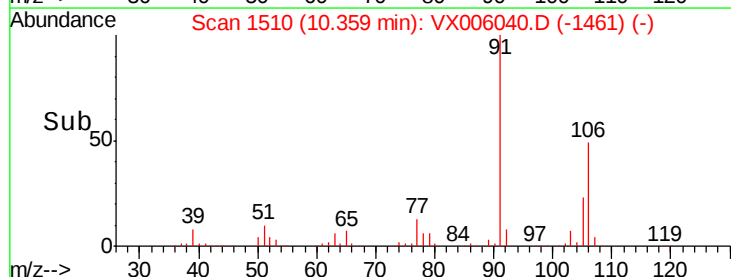
0

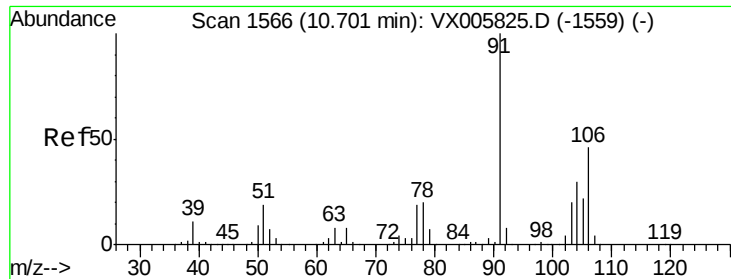
10.36

10.40

10.50

Time-->





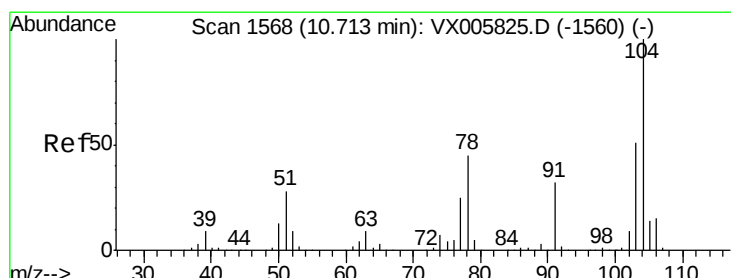
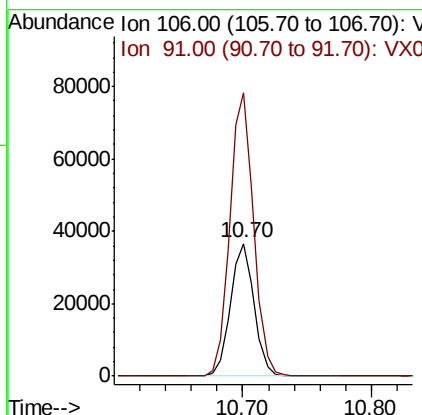
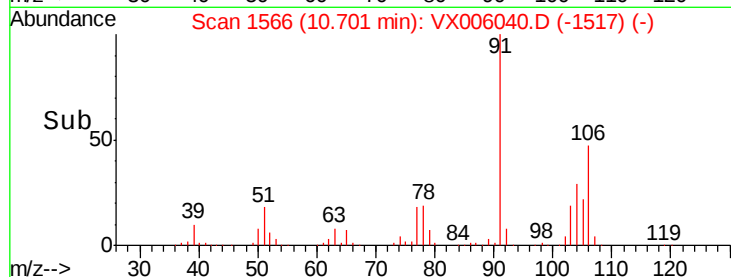
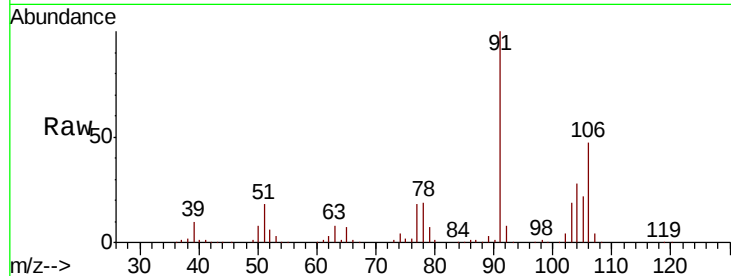
#69
o-Xylene
Concen: 24.148 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion:106 Resp: 46877
Ion Ratio Lower Upper
106 100
91 215.8 108.5 325.5

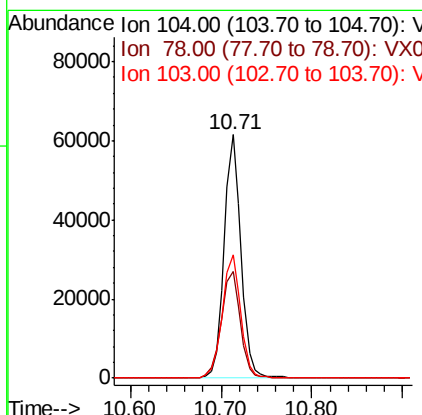
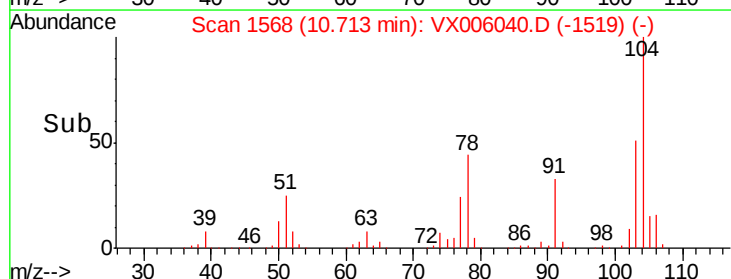
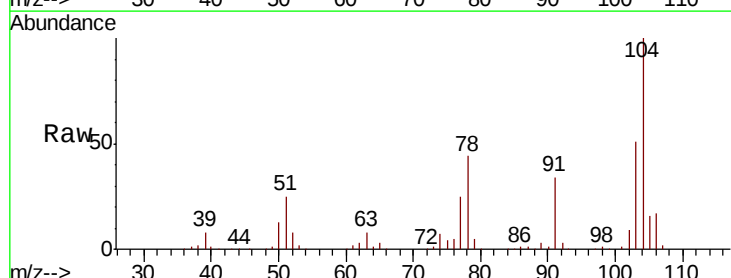
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#70
Styrene
Concen: 24.802 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion:104 Resp: 79423
Ion Ratio Lower Upper
104 100
78 50.2 40.2 60.4
103 55.8 44.9 67.3





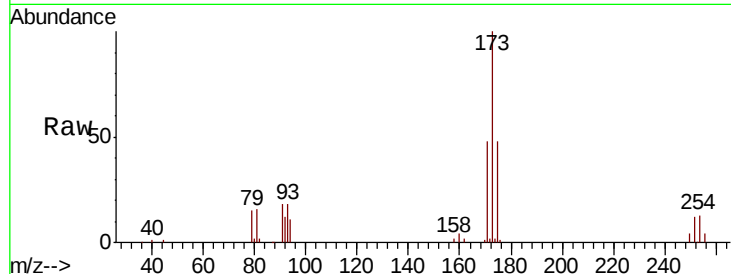
#71
Bromoform
Concen: 22.865 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.8	74.3
254	0.0	0.2	0.2

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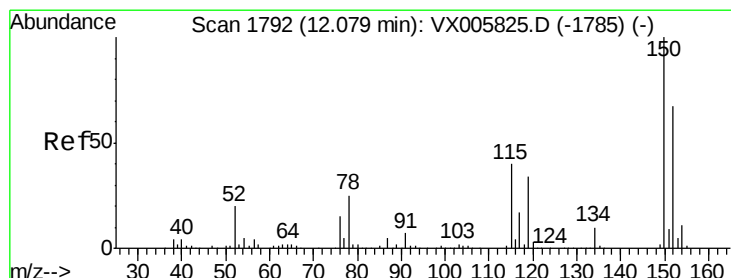
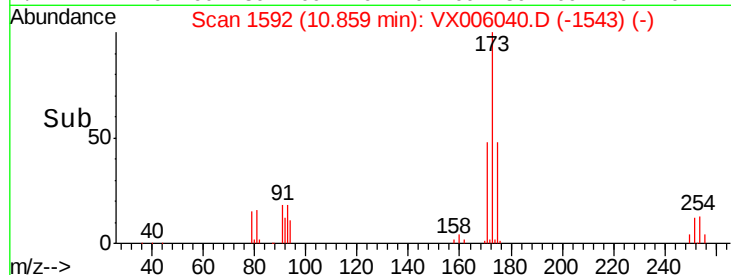
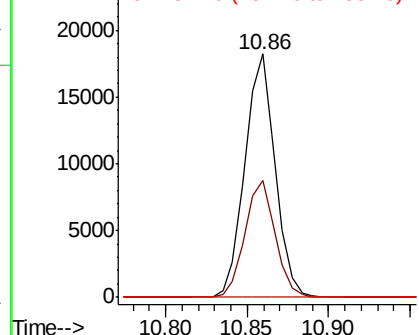


Abundance

Ion 172.70 (172.40 to 173.40): V

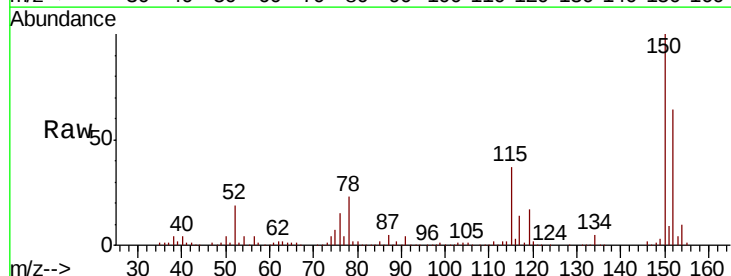
Ion 174.70 (174.40 to 175.40): V

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: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.1	39.4	118.1
150	164.3	0.0	346.4

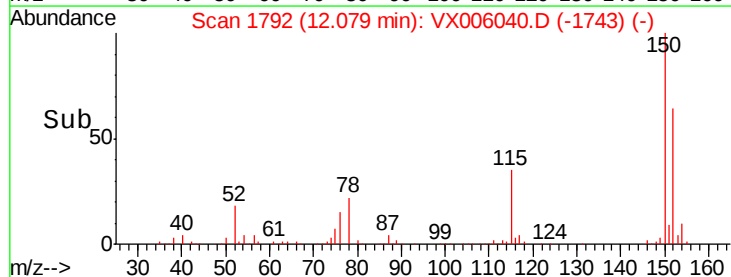
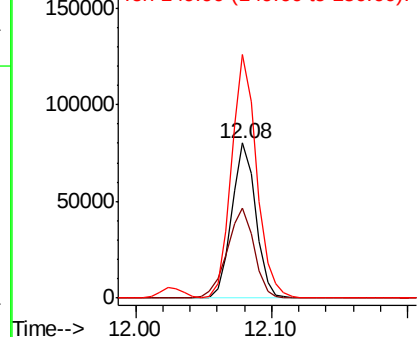


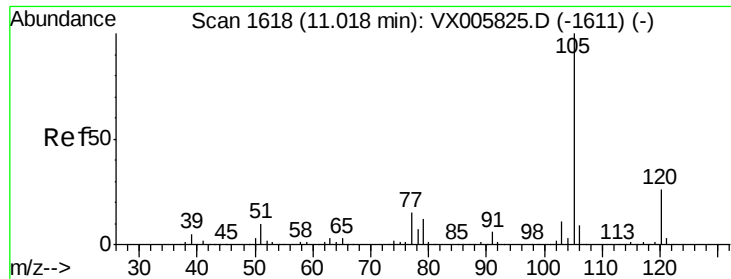
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





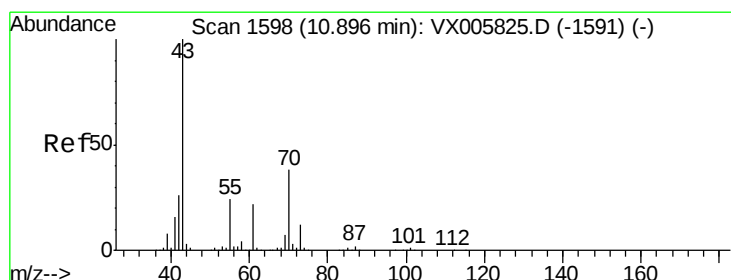
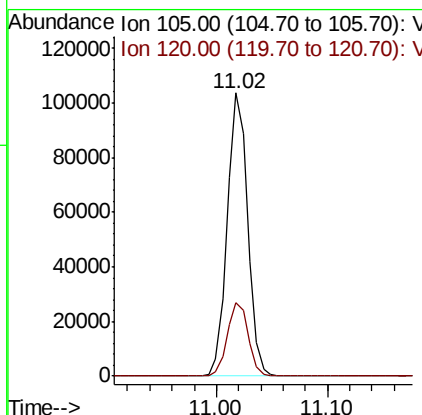
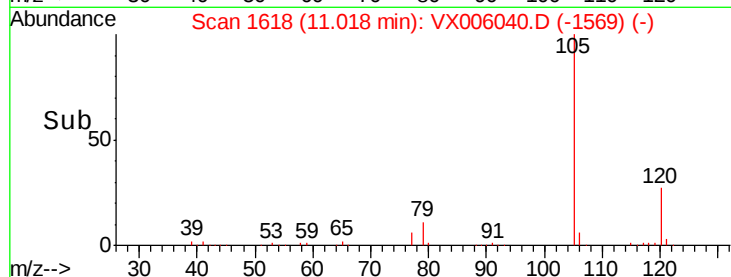
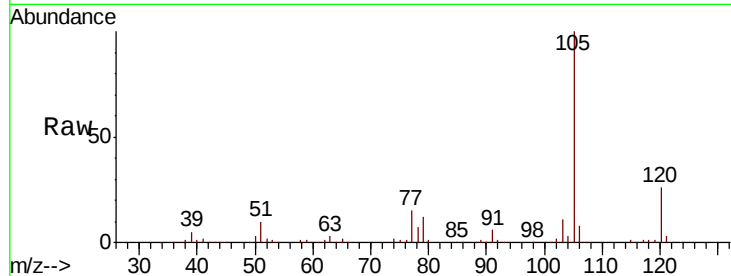
#73
Isopropylbenzene
Concen: 23.204 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.1	39.3

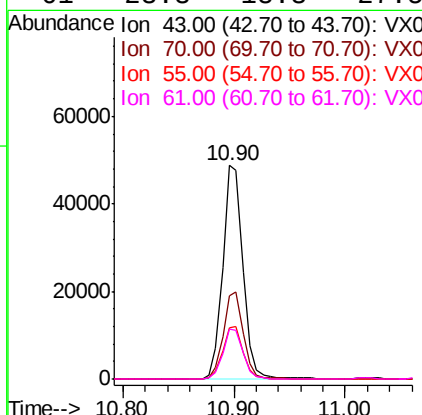
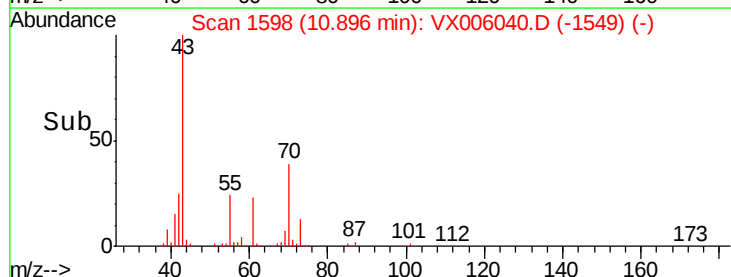
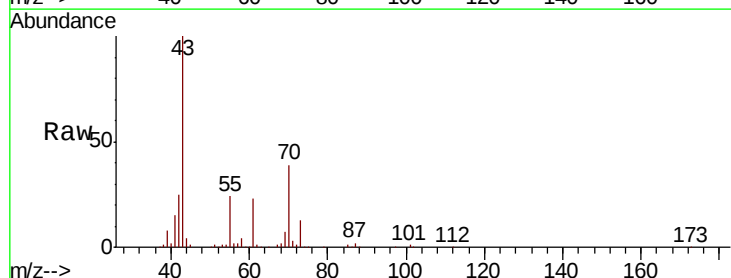
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#74
N-ethyl acetate
Concen: 20.040 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.2	31.6	47.4
55	25.0	19.7	29.5
61	23.3	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.523 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

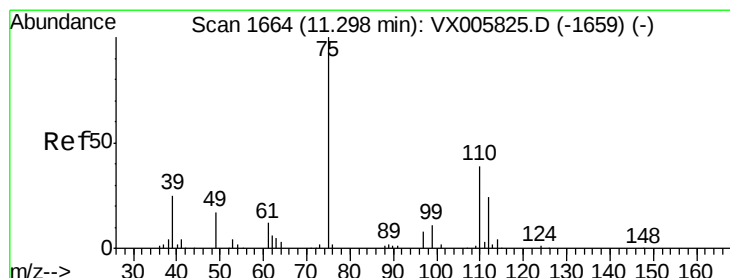
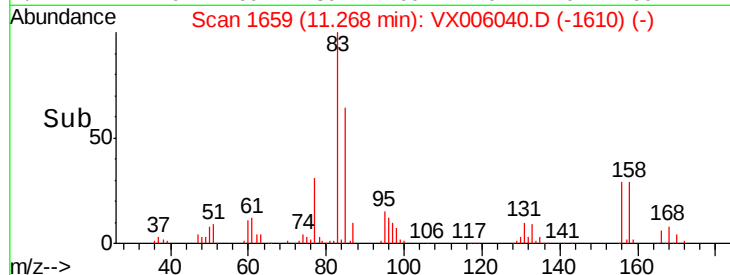
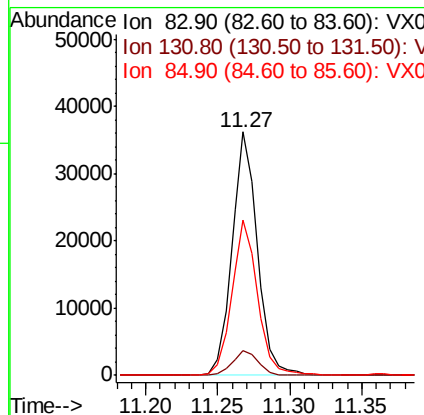
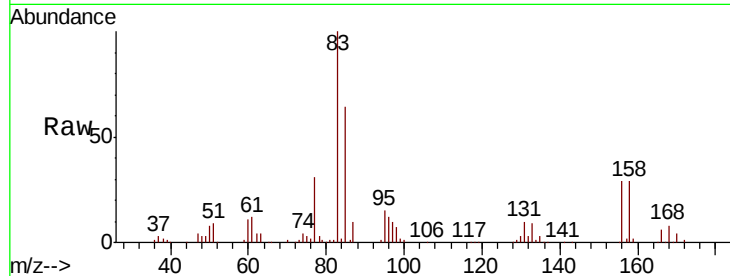
ClientSampleId :

VX1116WBS01

Tot Ion:	83	Resp:	44745
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	15.9
85	64.5	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 21.885 ug/l m

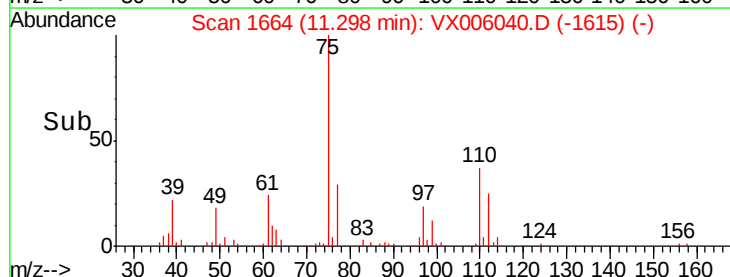
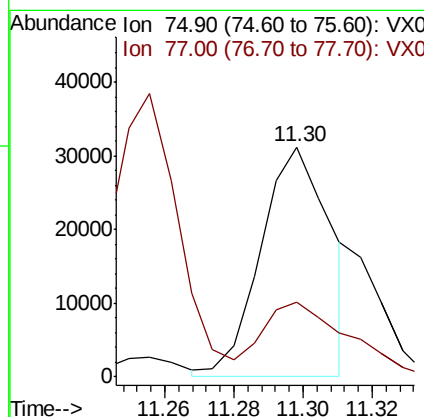
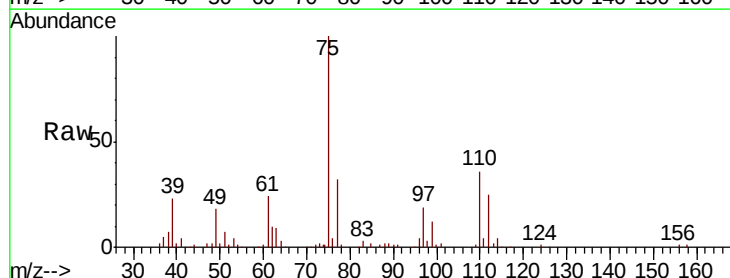
RT: 11.30 min Scan# 1664

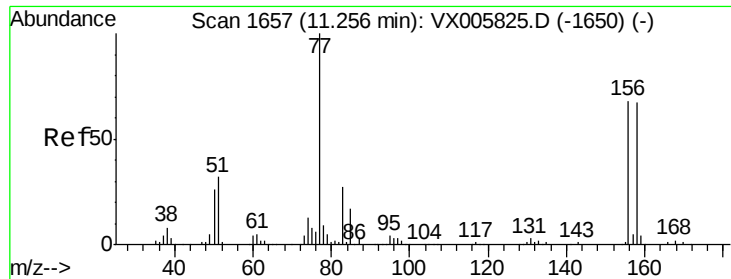
Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Tgt Ion:	75	Resp:	43647
Ion Ratio	Lower	Upper	
75	100		
77	39.8	20.5	61.6





#77

Bromobenzene

Concen: 21.789 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

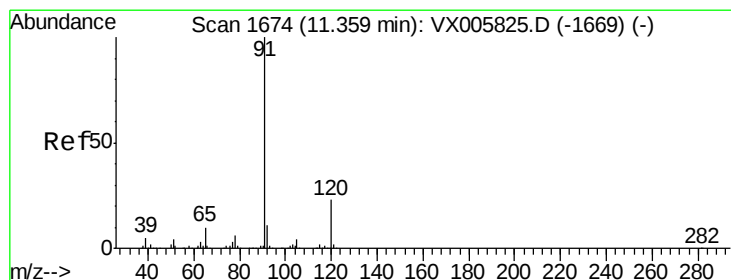
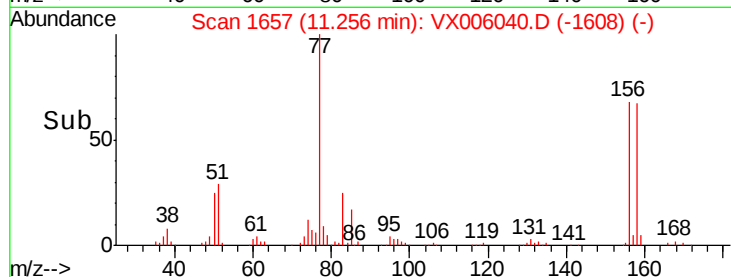
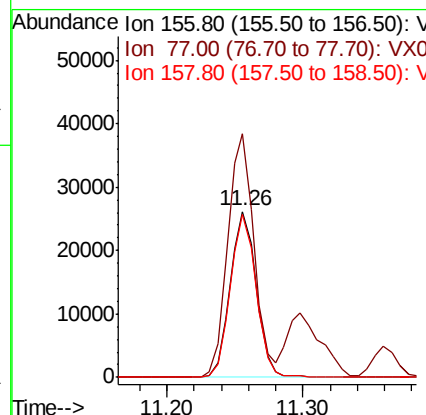
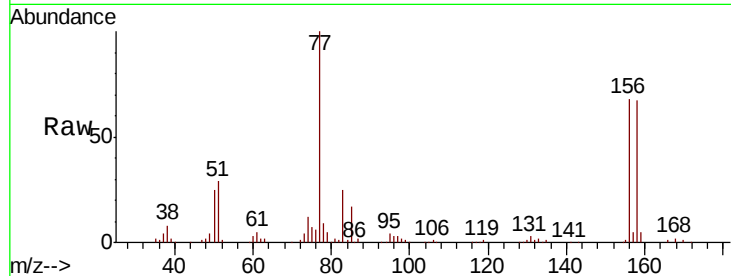
ClientSampleId :

VX1116WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	147.8	74.8	224.4
158	97.3	49.1	147.3

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#78

n-propylbenzene

Concen: 22.433 ug/l

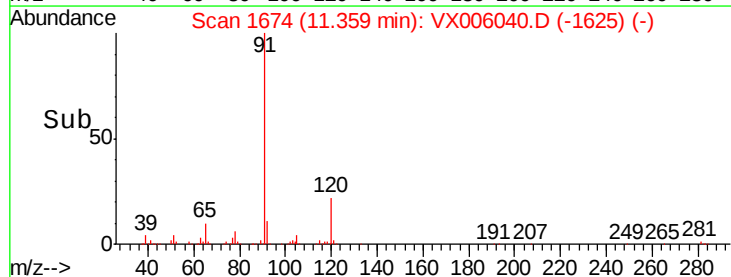
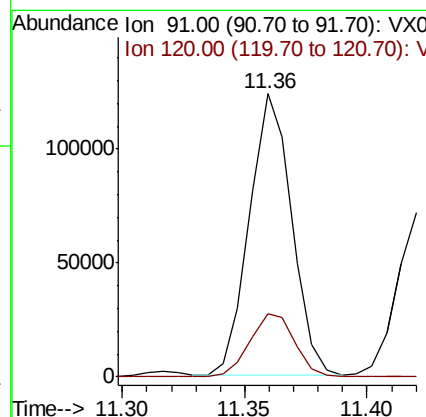
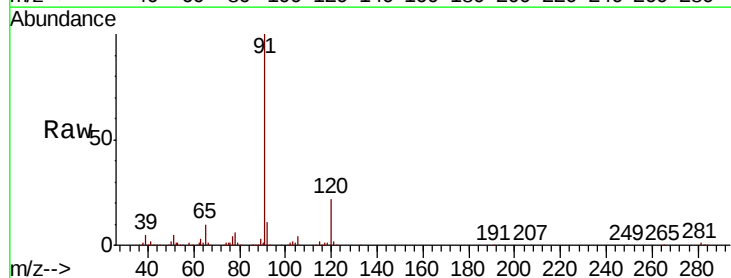
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.9	35.5





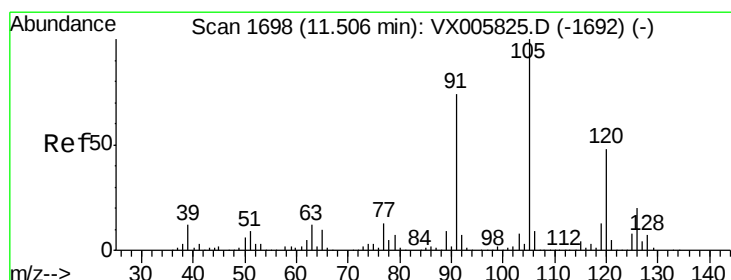
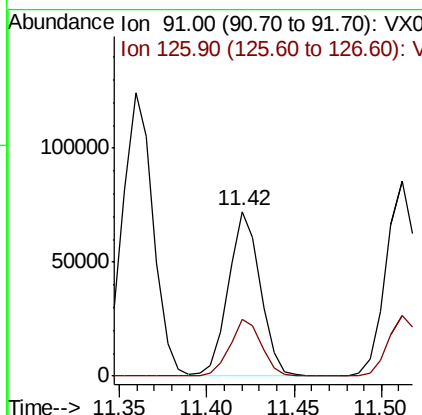
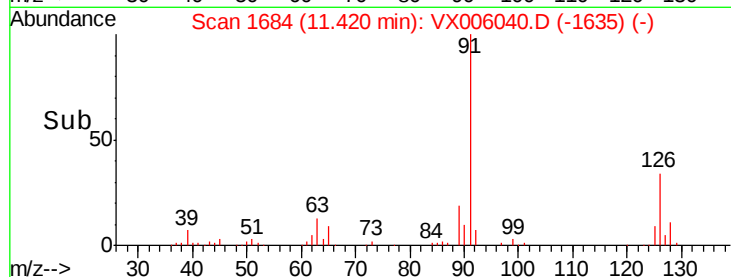
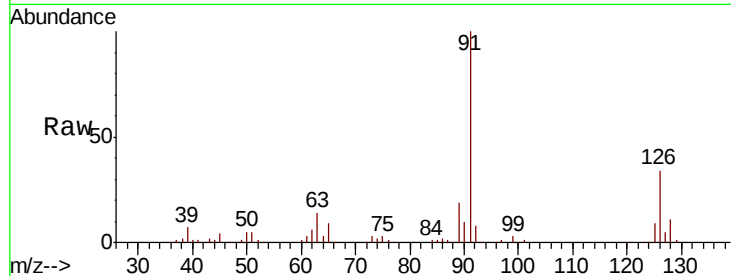
#79
 2-Chlorotoluene
 Concen: 22.505 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

Tot Ion: 91 Resp: 90803
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.3 52.0

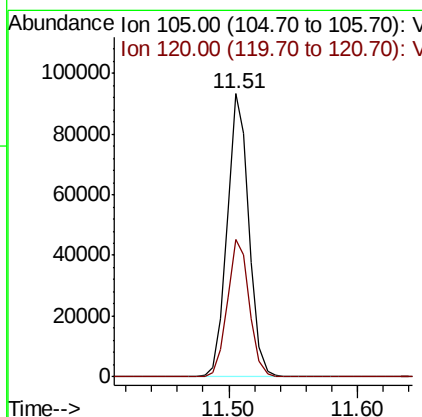
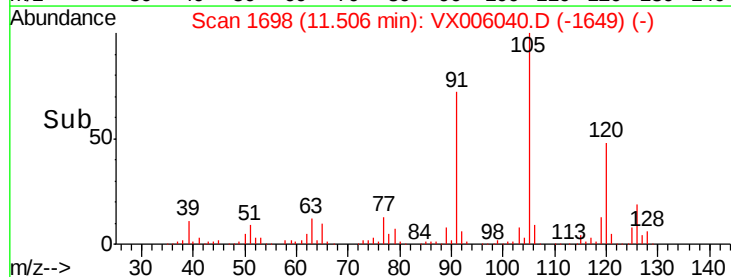
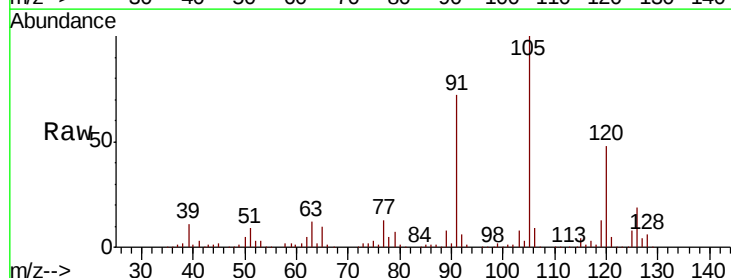
Manual Integrations
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#80
 1,3,5-Trimethylbenzene
 Concen: 22.900 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Tgt Ion: 105 Resp: 110223
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.1 72.2





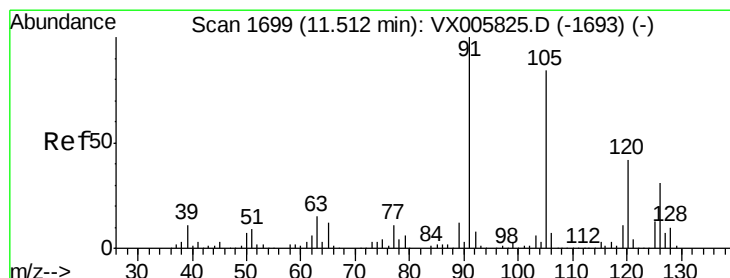
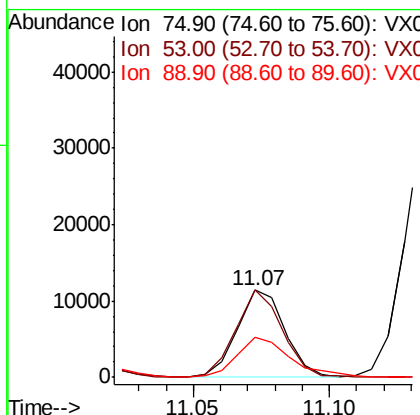
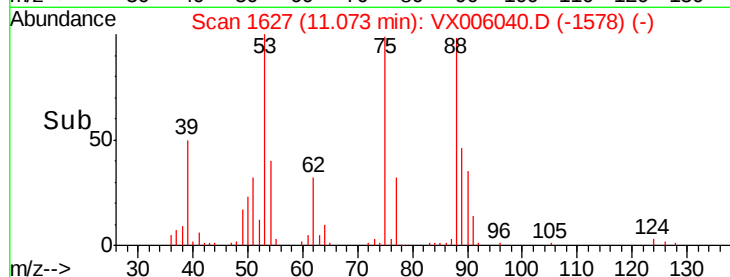
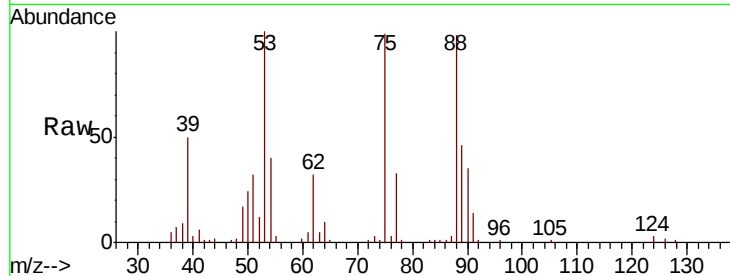
#81
trans-1,4-Dichloro-2-butene
Concen: 22.303 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.9	80.2	120.2
89	51.5	39.8	59.8

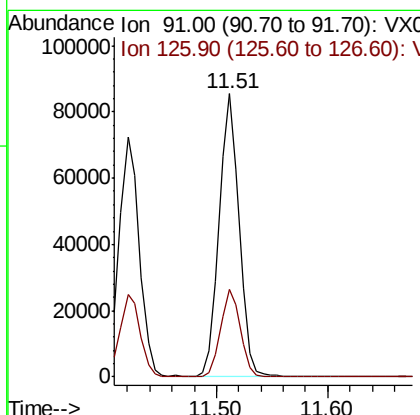
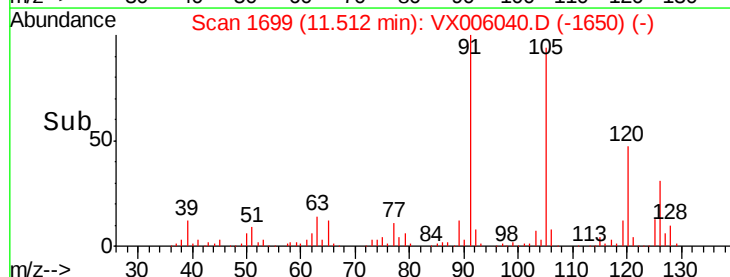
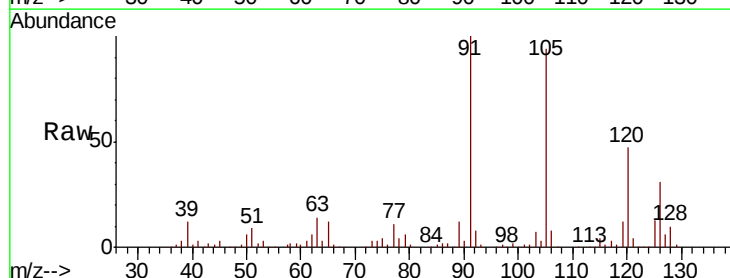
Manual Integrations
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#82
4-Chlorotoluene
Concen: 22.383 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.2	45.6





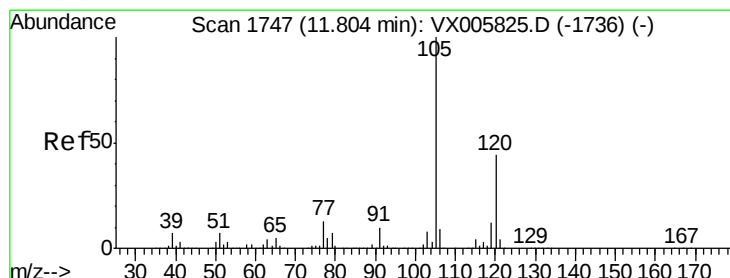
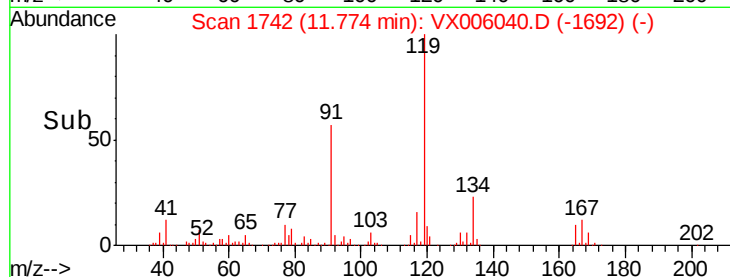
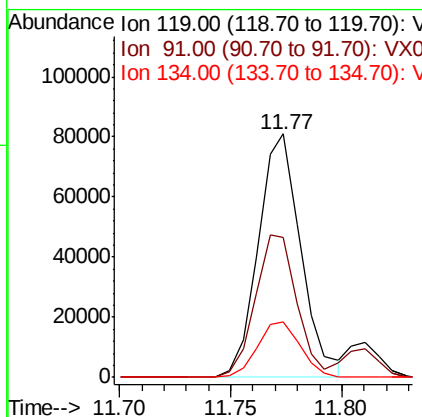
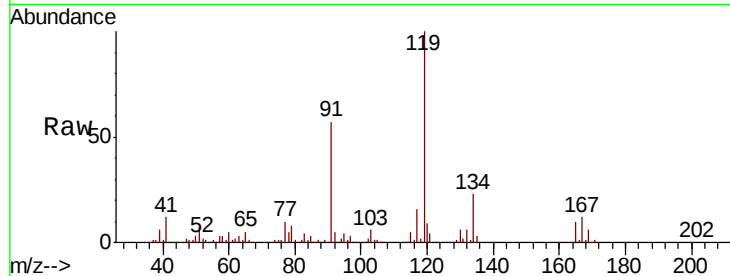
#83
tert-Butylbenzene
Concen: 22.082 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.2	28.5	85.5
134	22.9	11.3	33.8

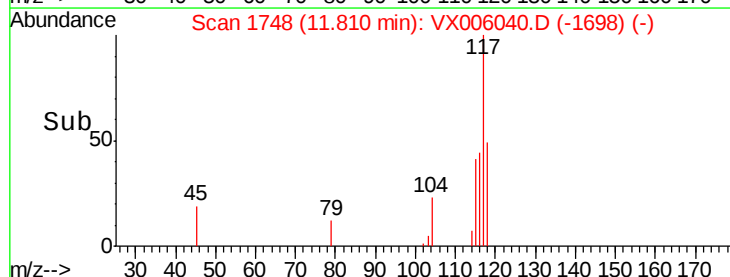
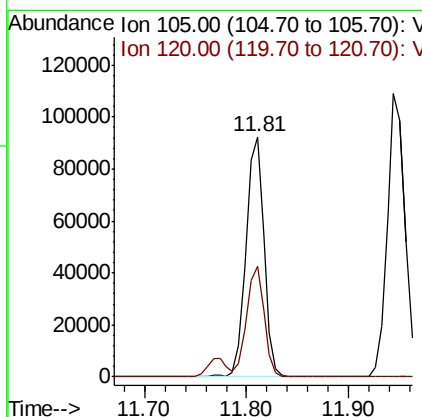
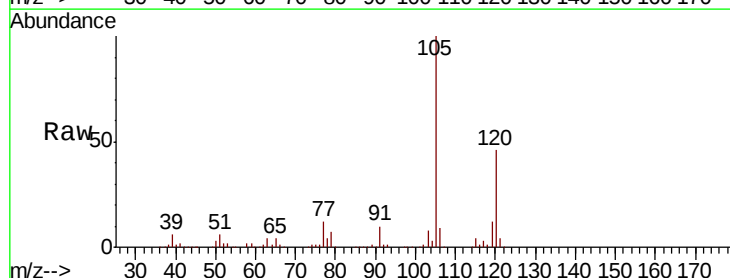
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 21.272 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.4	67.0





#85

sec-Butylbenzene

Concen: 22.364 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1116WBS01

Tot Ion:105 Resp: 133168

Ion Ratio Lower Upper

105 100

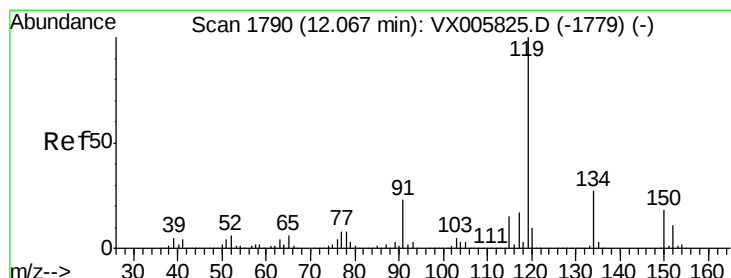
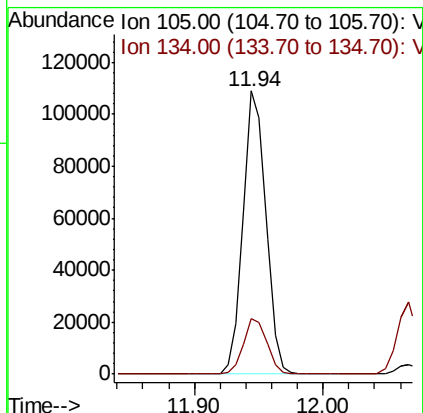
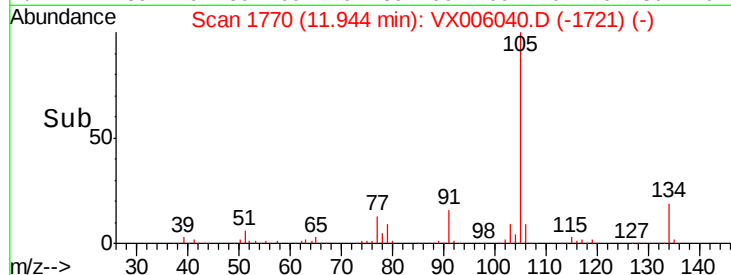
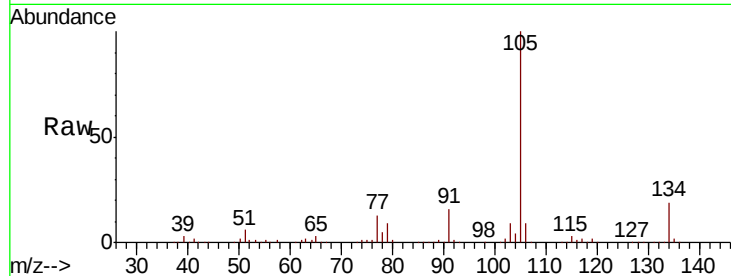
134 20.0 10.2 30.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 22.747 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

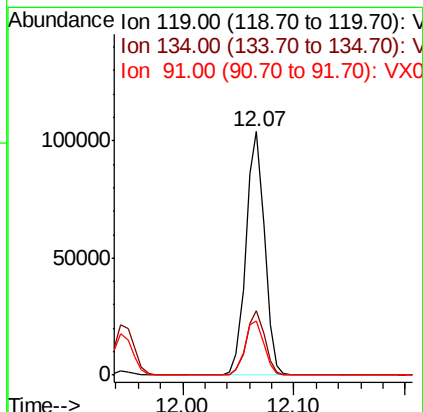
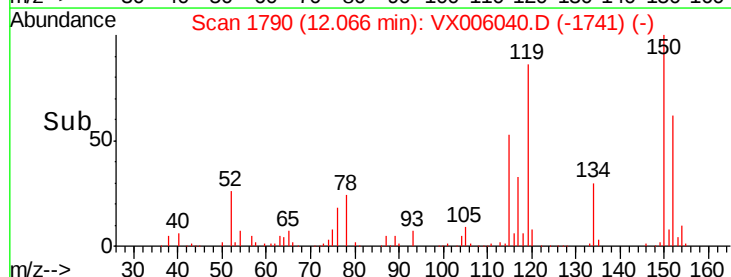
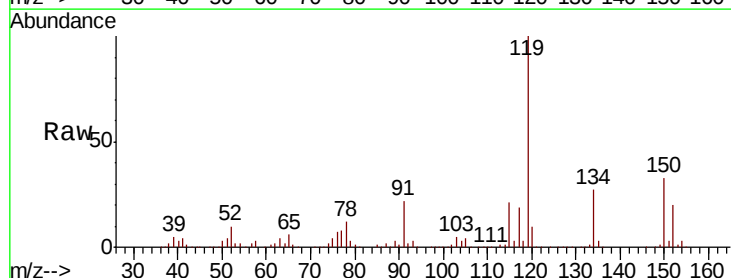
Tgt Ion:119 Resp: 119981

Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

91 23.2 11.4 34.2





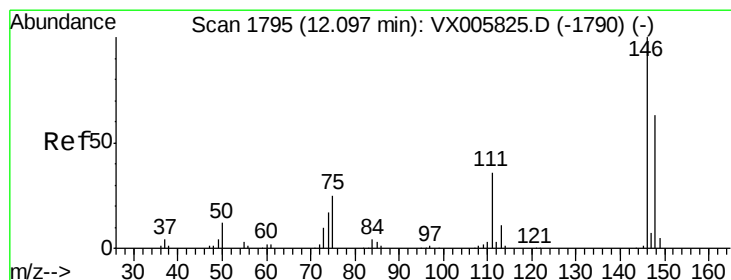
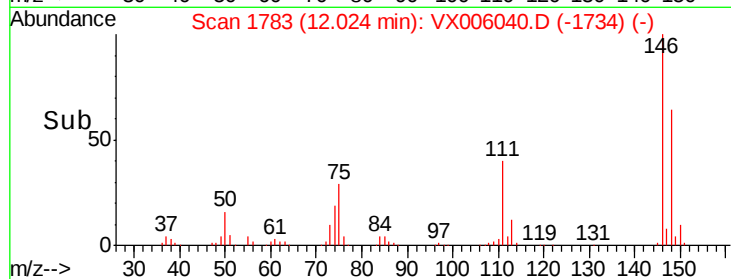
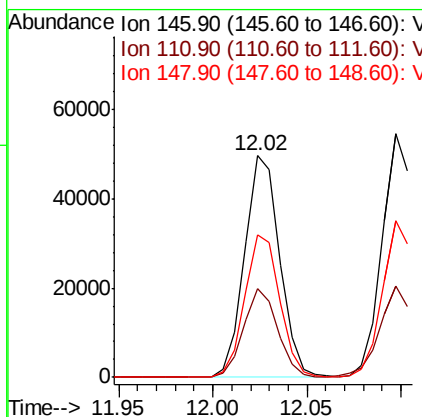
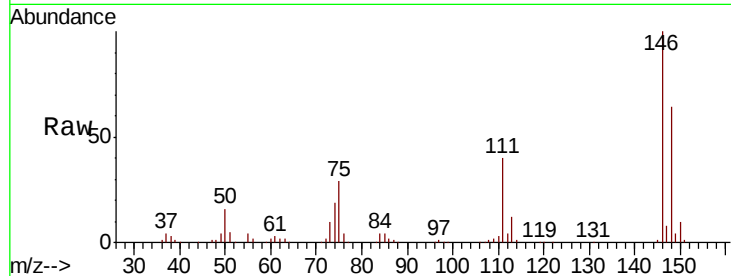
#87
 1,3-Dichlorobenzene
 Concen: 20.935 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.0	57.0
148	64.4	31.9	95.9

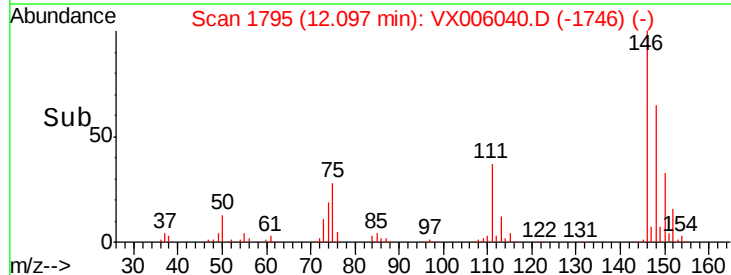
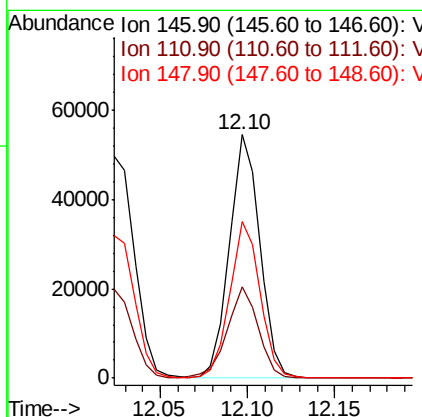
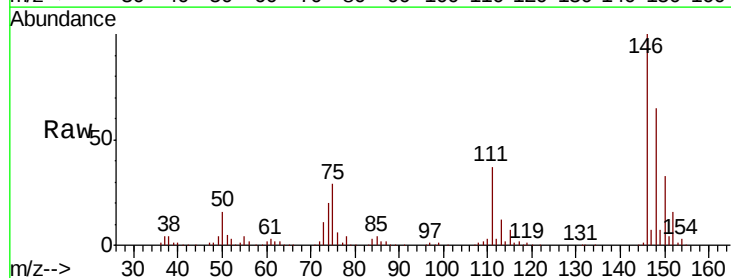
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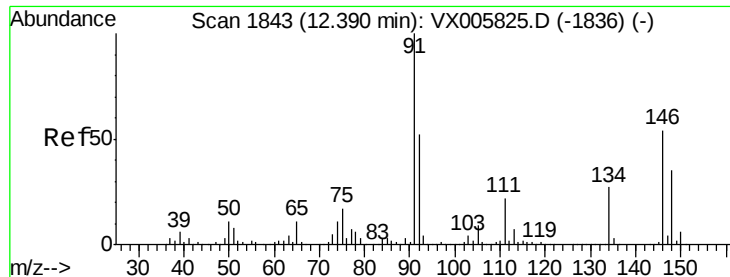
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#88
 1,4-Dichlorobenzene
 Concen: 21.058 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.6	55.8
148	64.4	32.1	96.3





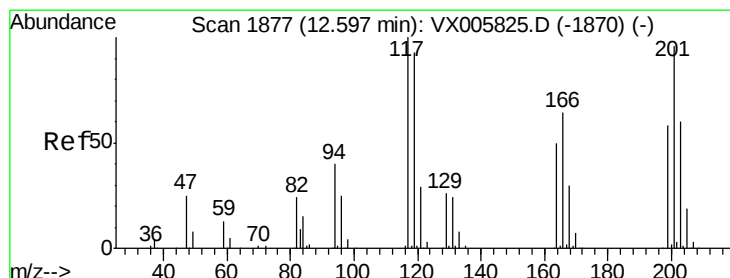
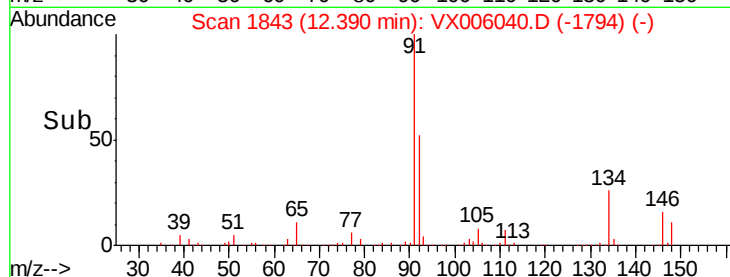
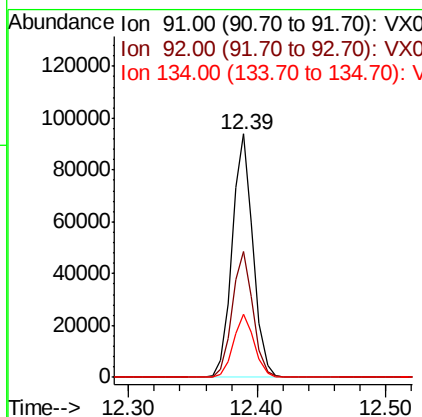
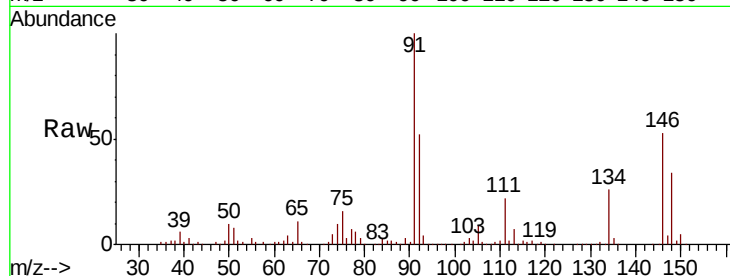
#89
n-Butylbenzene
Concen: 21.705 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.1	78.2
134	26.0	13.1	39.3

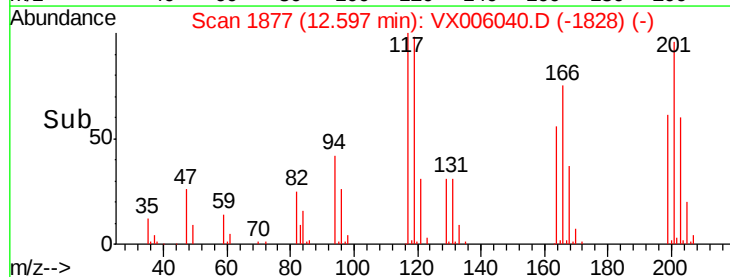
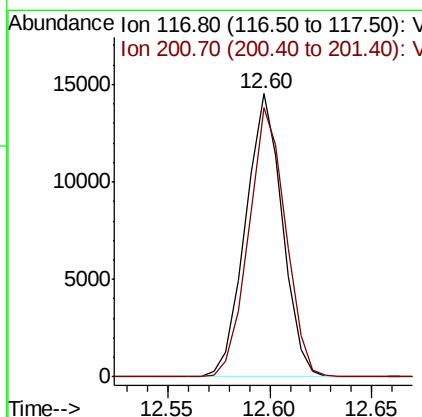
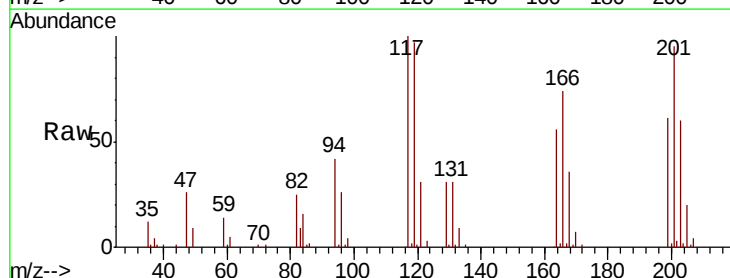
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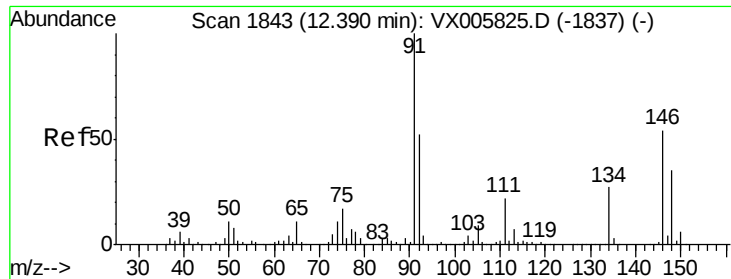
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#90
Hexachloroethane
Concen: 20.672 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.7	47.9	143.6





#91

1,2-Dichlorobenzene

Concen: 21.128 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1116WBS01

Tot Ion:146 Resp: 64848

Ion Ratio Lower Upper

146 100

111 39.2 20.0 59.9

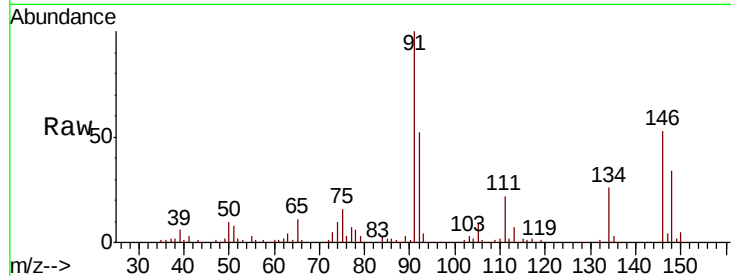
148 64.7 32.2 96.6

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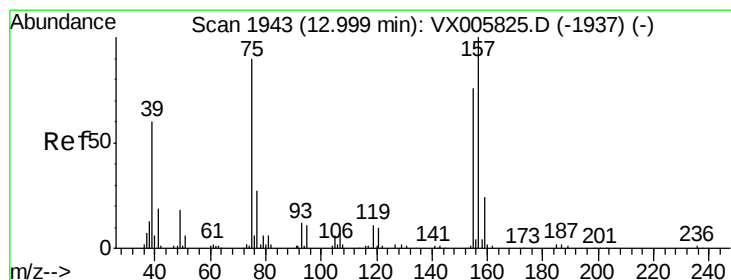
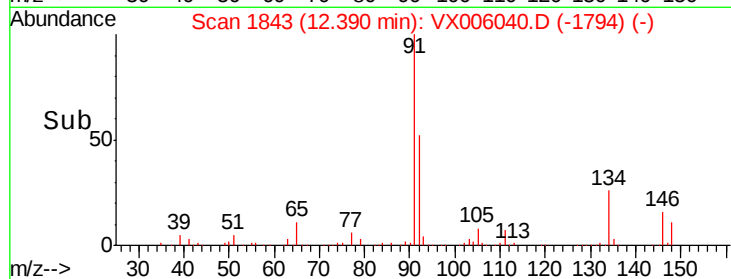
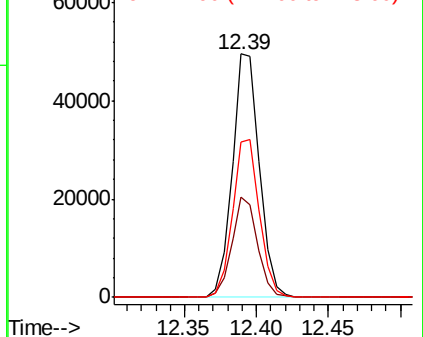
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Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.517 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006040.D

Acq: 16 Nov 2018 10:55

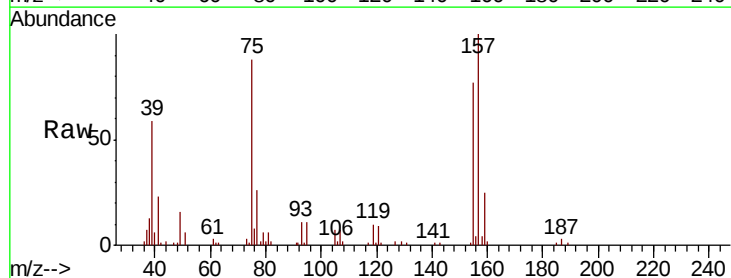
Tgt Ion: 75 Resp: 10409

Ion Ratio Lower Upper

75 100

155 95.0 45.4 136.1

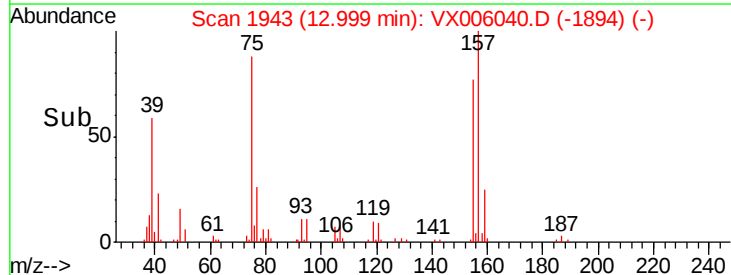
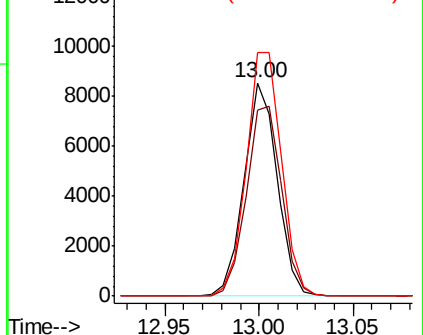
157 121.5 57.4 172.0

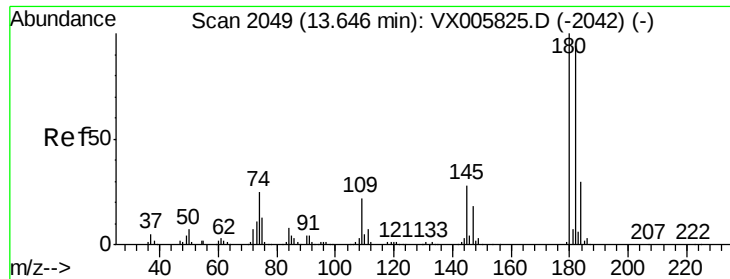


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





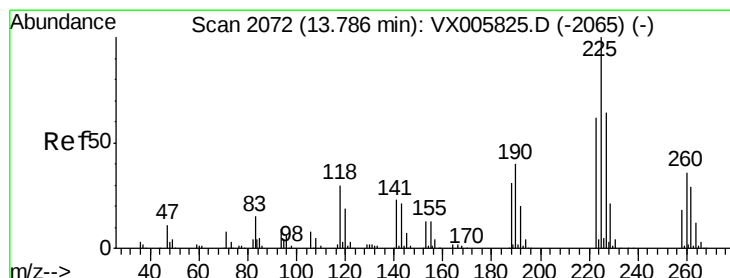
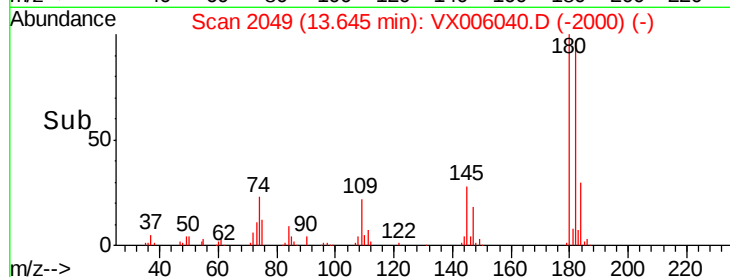
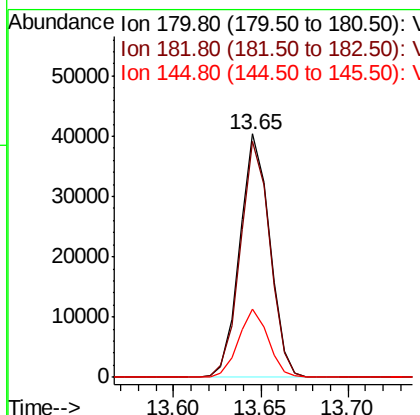
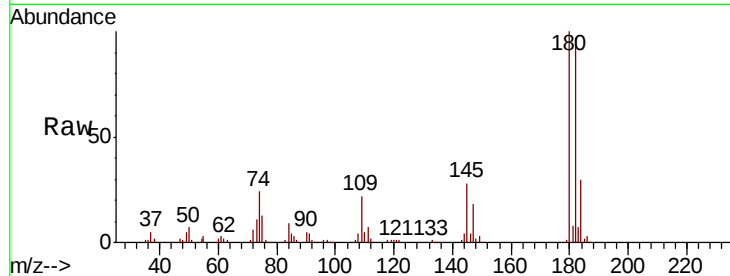
#93
 1,2,4-Trichlorobenzene
 Concen: 22.302 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.6	142.8
145	27.7	14.1	42.2

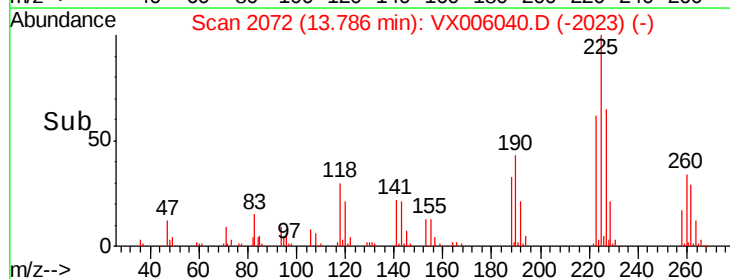
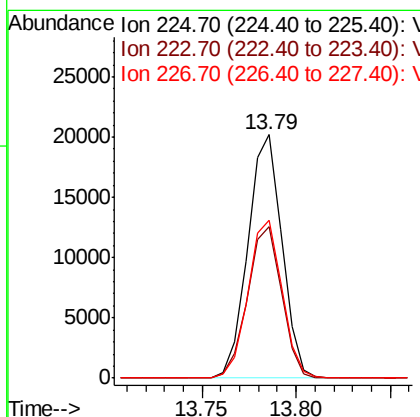
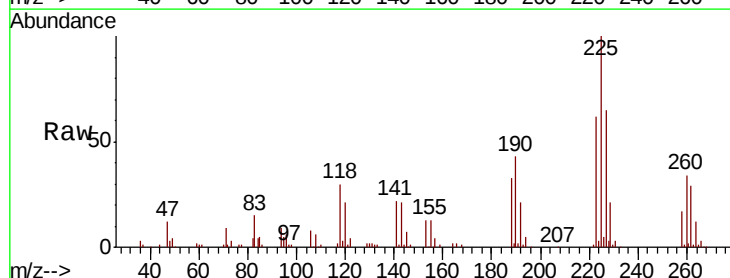
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#94
 Hexachlorobutadiene
 Concen: 22.269 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX006040.D
 Acq: 16 Nov 2018 10:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.7	95.1
227	64.6	32.3	96.9





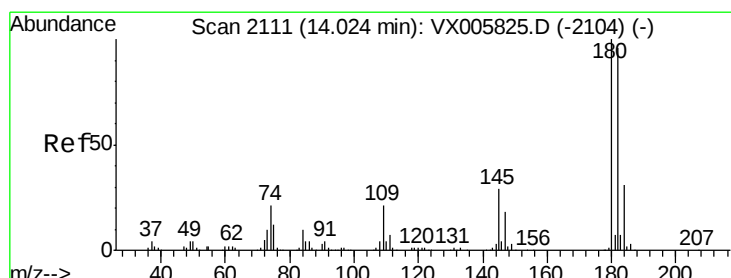
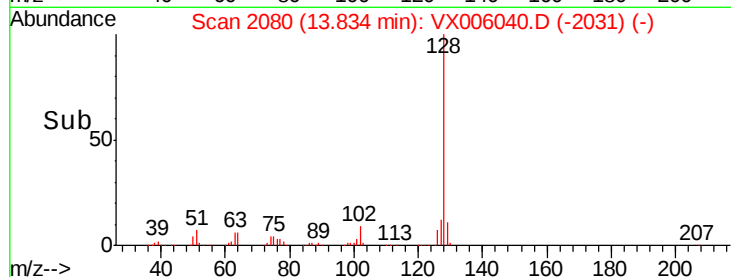
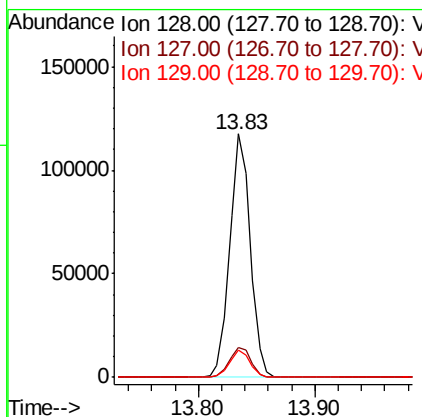
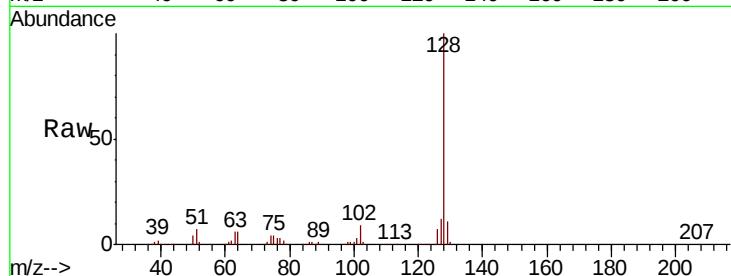
#95
Naphthalene
Concen: 21.142 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 22.259 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX006040.D
Acq: 16 Nov 2018 10:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.0	144.2
145	29.8	15.1	45.3

