

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005900.D
 Acq On : 12 Nov 2018 15:08
 Operator : JC/MD
 Sample : VX1112WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/13/2018 11:47:04 AM

Quant Time: Nov 13 05:45:40 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	117716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	168468	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	155509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	84456	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	69269	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	5.50	113	55793	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
50) Toluene-d8	8.71	98	209307	54.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.88%	
62) 4-Bromofluorobenzene	11.14	95	77510	56.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.18%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	19625	18.491	ug/l	99
3) Chloromethane	1.32	50	25941	18.624	ug/l	99
4) Vinyl Chloride	1.41	62	26405	18.884	ug/l	97
5) Bromomethane	1.64	94	16506	19.289	ug/l	91
6) Chloroethane	1.72	64	16255	19.483	ug/l	98
7) Trichlorofluoromethane	1.93	101	36653	19.747	ug/l	98
8) Diethyl Ether	2.19	74	15127	20.799	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	21172	19.833	ug/l	98
10) Methyl Iodide	2.51	142	24440	18.890	ug/l	96
11) Tert butyl alcohol	3.06	59	38123	98.338	ug/l	99
12) 1,1-Dichloroethene	2.37	96	19974	19.197	ug/l	97
13) Acrolein	2.29	56	26743	152.750	ug/l	97
14) Allyl chloride	2.73	41	46021	19.804	ug/l	97
15) Acrylonitrile	3.15	53	82813	103.077	ug/l	98
16) Acetone	2.45	43	69673	95.619	ug/l	98
17) Carbon Disulfide	2.57	76	58289	18.781	ug/l	99
18) Methyl Acetate	2.78	43	43321	21.335	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	74784	21.059	ug/l	99
20) Methylene Chloride	2.85	84	23480	19.617	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	21778	19.844	ug/l	99
22) Diisopropyl ether	3.87	45	79385	19.501	ug/l	# 95
23) Vinyl Acetate	3.82	43	343372	98.377	ug/l	100
24) 1,1-Dichloroethane	3.70	63	43941	20.232	ug/l	99
25) 2-Butanone	4.70	43	111059	96.948	ug/l	99
26) 2,2-Dichloropropane	4.57	77	32181	20.199	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	23837	19.671	ug/l	98
28) Bromochloromethane	5.02	49	20366	20.982	ug/l	96
29) Tetrahydrofuran	5.15	42	72542	98.625	ug/l	97
30) Chloroform	5.21	83	39989	19.085	ug/l	96
31) Cyclohexane	5.58	56	36834	19.538	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	34470	19.723	ug/l	100
36) 1,1-Dichloropropene	5.80	75	28785	17.724	ug/l	98
37) Ethyl Acetate	4.85	43	40721	19.067	ug/l	100
38) Carbon Tetrachloride	5.78	117	29784	18.319	ug/l	99

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Manual Integrations
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MMDadoda
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 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)
39) Methylcyclohexane	7.46	83	33990	20.650	ug/l	97
40) Benzene	6.15	78	89845	18.977	ug/l	94
41) Methacrylonitrile	5.06	41	21572	18.693	ug/l	98
42) 1,2-Dichloroethane	6.20	62	32061	18.906	ug/l	98
43) Isopropyl Acetate	6.46	43	62632	20.239	ug/l	99
44) Trichloroethene	7.21	130	23960	19.928	ug/l	99
45) 1,2-Dichloropropane	7.52	63	24089	20.962	ug/l	99
46) Dibromomethane	7.66	93	15338	21.270	ug/l	99
47) Bromodichloromethane	7.90	83	28780	21.118	ug/l	97
48) Methyl methacrylate	7.77	41	30138	21.689	ug/l	98
49) 1,4-Dioxane	7.75	88	12869	429.786	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	202841	104.002	ug/l	99
52) Toluene	8.79	92	55017	20.792	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	31613	19.657	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	35036	21.374	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	22893	19.413	ug/l	97
56) Ethyl methacrylate	9.18	69	34649	19.637	ug/l	99
57) 1,3-Dichloropropane	9.37	76	38137	19.244	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	103637	112.497	ug/l	100
59) 2-Hexanone	9.49	43	160095	93.124	ug/l	100
60) Dibromochloromethane	9.59	129	22841	17.921	ug/l	99
61) 1,2-Dibromoethane	9.67	107	23785	18.240	ug/l	100
64) Tetrachloroethene	9.34	164	26339	19.894	ug/l	99
65) Chlorobenzene	10.14	112	61870	19.860	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	22341	20.627	ug/l	99
67) Ethyl Benzene	10.25	91	104103	20.839	ug/l	99
68) m/p-Xylenes	10.36	106	80684	42.343	ug/l	100
69) o-Xylene	10.70	106	38614	22.599	ug/l	100
70) Styrene	10.71	104	64012	22.710	ug/l	99
71) Bromoform	10.86	173	18398	20.264	ug/l #	97
73) Isopropylbenzene	11.02	105	106091	21.722	ug/l	100
74) N-amyl acetate	10.90	43	50510	19.221	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	36211	20.200	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	35007m	20.356	ug/l	
77) Bromobenzene	11.26	156	28202	20.487	ug/l	99
78) n-propylbenzene	11.36	91	121468	21.103	ug/l	100
79) 2-Chlorotoluene	11.42	91	73329	21.077	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	89879	21.656	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	10707	19.843	ug/l	98
82) 4-Chlorotoluene	11.51	91	86879	21.189	ug/l	99
83) tert-Butylbenzene	11.77	119	87033	20.728	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	92596	20.145	ug/l	100
85) sec-Butylbenzene	11.94	105	107436	20.924	ug/l	100
86) p-Isopropyltoluene	12.07	119	96577	21.235	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	52345	19.813	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	53459	19.767	ug/l	99
89) n-Butylbenzene	12.39	91	83973	19.922	ug/l	100
90) Hexachloroethane	12.60	117	14421	18.992	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	52020	19.655	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8636	19.742	ug/l	95

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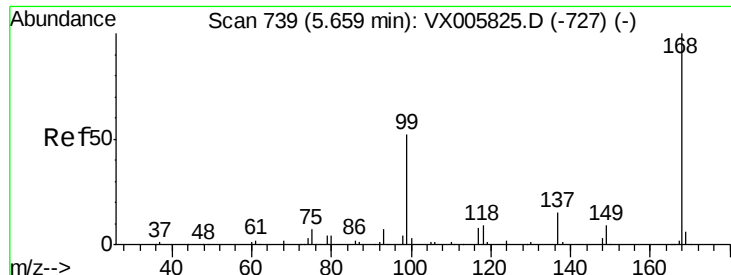
Manual Integrations
APPROVED

MMDadoda
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	38763	20.805	ug/l	99
94) Hexachlorobutadiene	13.78	225	19073	19.488	ug/l	100
95) Naphthalene	13.83	128	121338	20.677	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	39940	21.042	ug/l	100

(#) = 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: VX005900.D

Acq: 12 Nov 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS01

Tot Ion:168 Resp: 117716

Ion Ratio Lower Upper

168 100

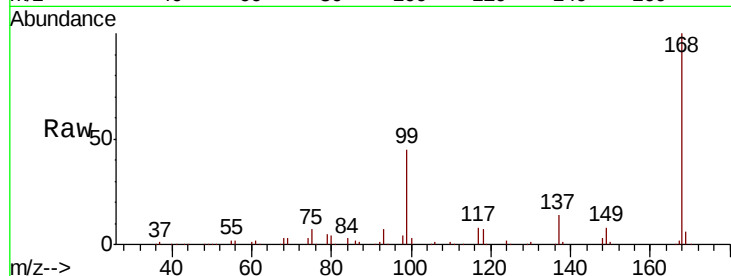
99 45.5 40.7 61.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

30000

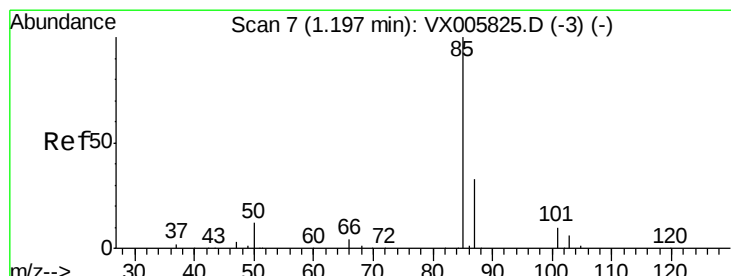
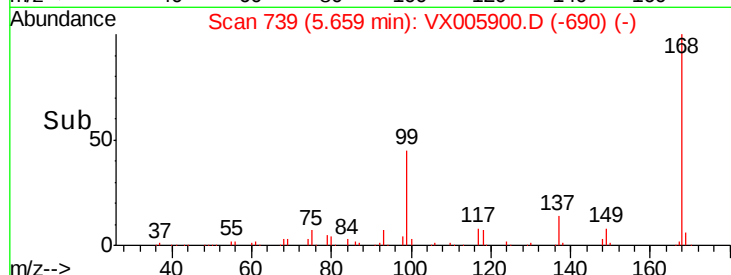
20000

10000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.491 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005900.D

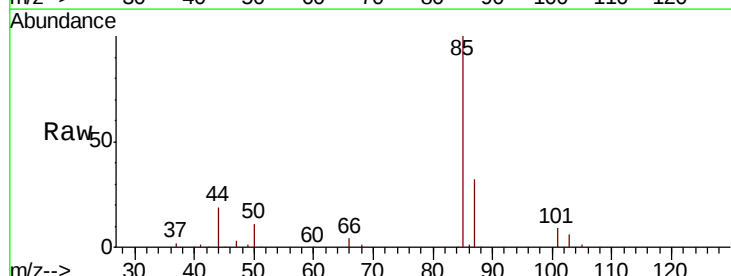
Acq: 12 Nov 2018 15:08

Tgt Ion: 85 Resp: 19625

Ion Ratio Lower Upper

85 100

87 32.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

20000

15000

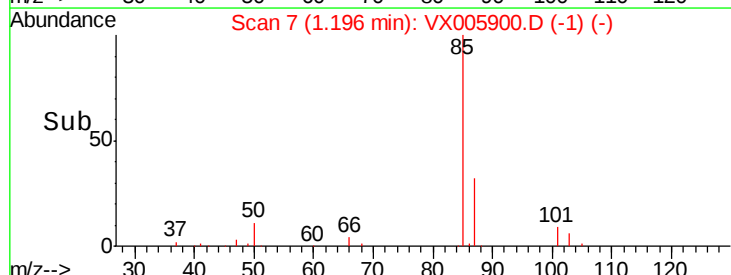
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5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.624 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS01

Tot Ion: 50 Resp: 25941

Ion Ratio Lower Upper

50 100

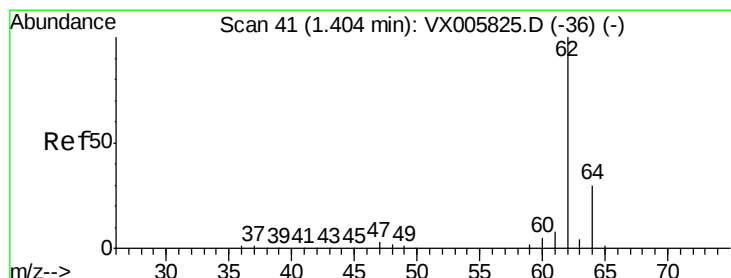
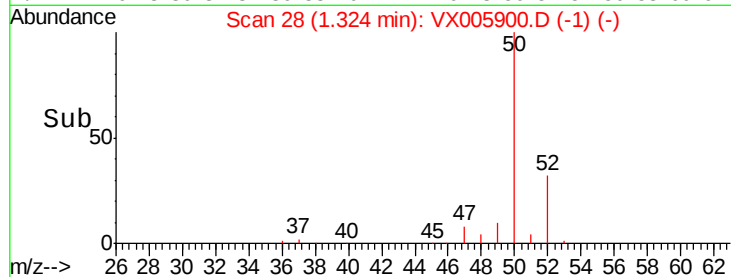
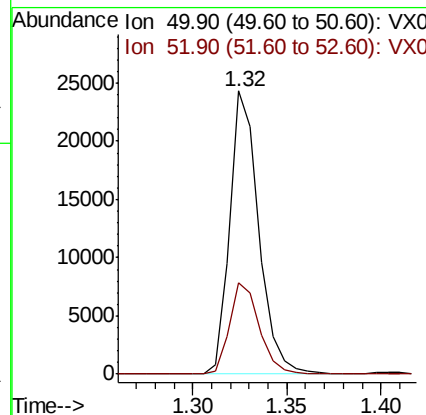
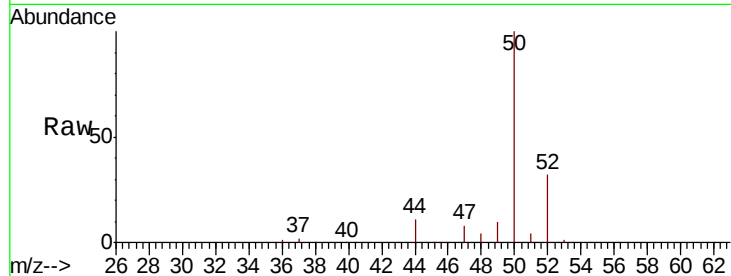
52 32.3 26.2 39.2

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 18.884 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005900.D

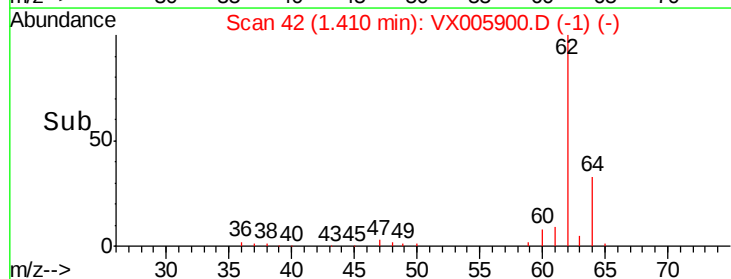
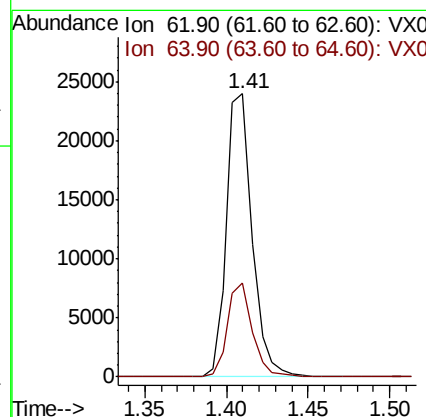
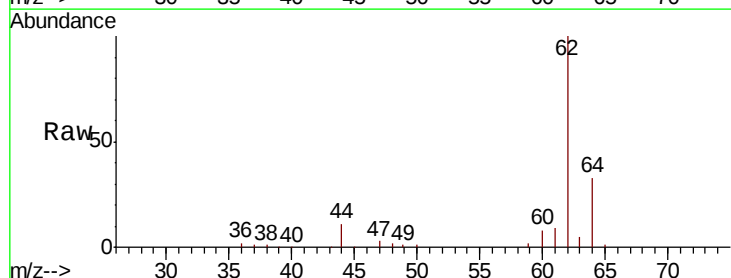
Acq: 12 Nov 2018 15:08

Tgt Ion: 62 Resp: 26405

Ion Ratio Lower Upper

62 100

64 33.2 25.3 37.9





#5

Bromomethane

Concen: 19.289 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS01

Tot Ion: 94 Resp: 16506

Ion Ratio Lower Upper

94 100

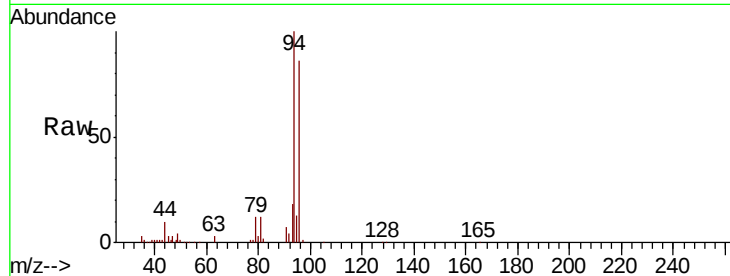
96 85.7 75.2 112.8

Manual Integrations

APPROVED

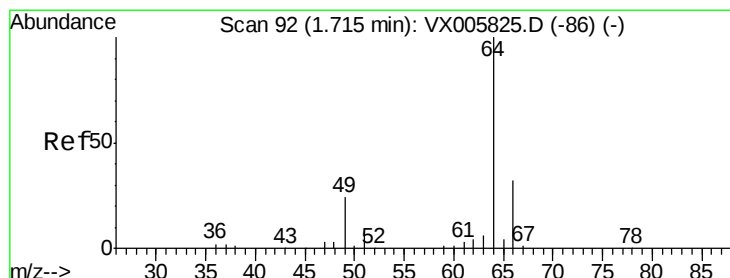
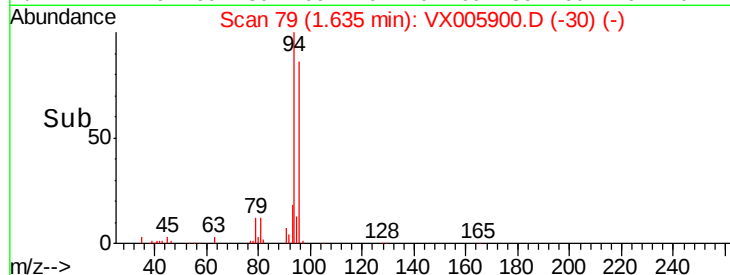
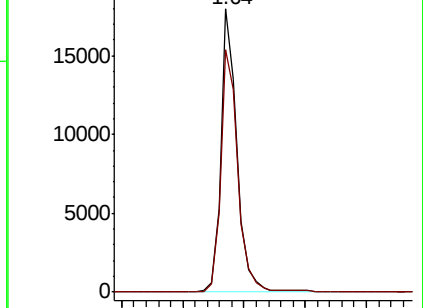
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11/13/2018 11:47:04 AM



Abundance Ion 93.90 (93.60 to 94.60): VX005825.D (-74) (-)

Ion 95.90 (95.60 to 96.60): VX005825.D (-74) (-)



#6

Chloroethane

Concen: 19.483 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005900.D

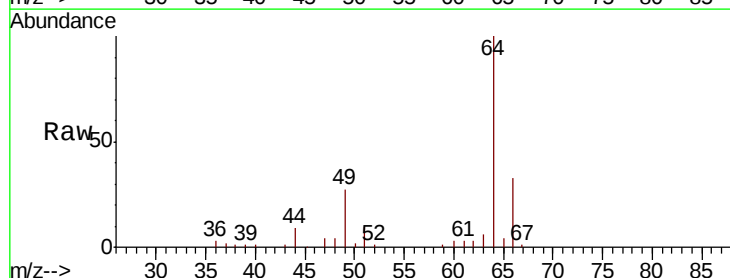
Acq: 12 Nov 2018 15:08

Tgt Ion: 64 Resp: 16255

Ion Ratio Lower Upper

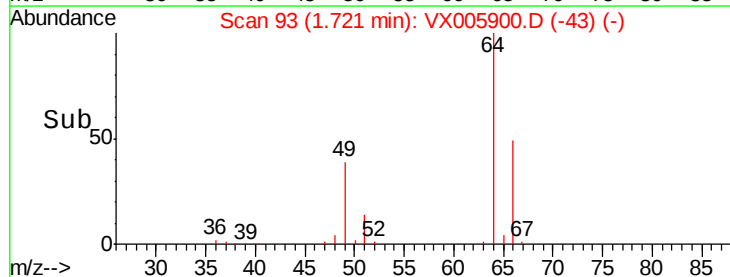
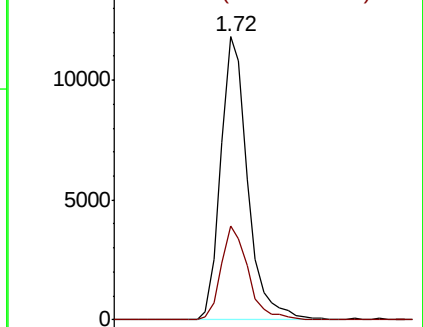
64 100

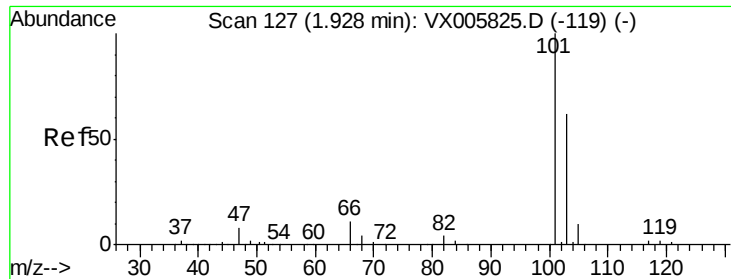
66 33.3 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX005825.D (-86) (-)

Ion 65.90 (65.60 to 66.60): VX005825.D (-86) (-)





#7

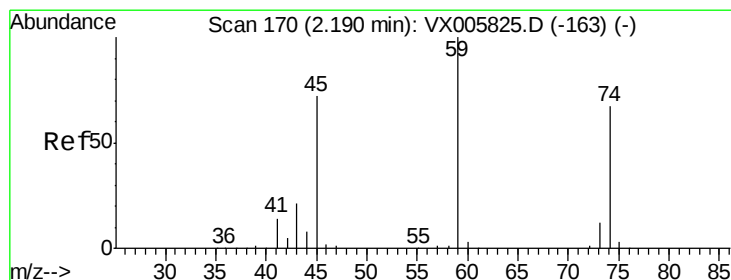
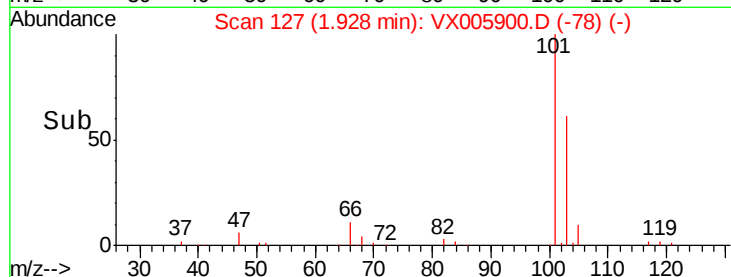
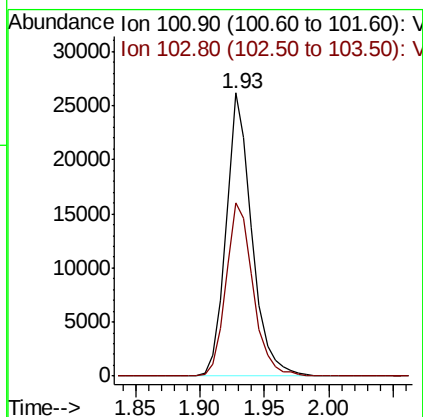
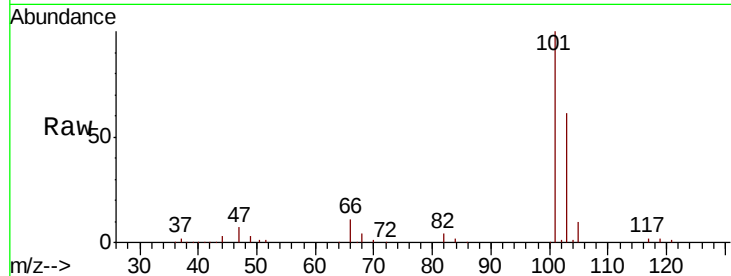
Trichlorofluoromethane
Concen: 19.747 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion:101 Resp: 36653
Ion Ratio Lower Upper
101 100
103 61.1 50.0 75.0

Manual Integrations
APPROVED

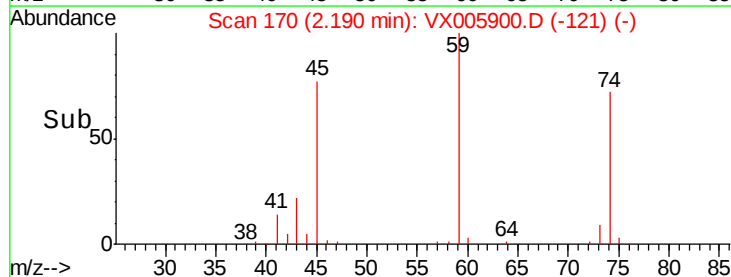
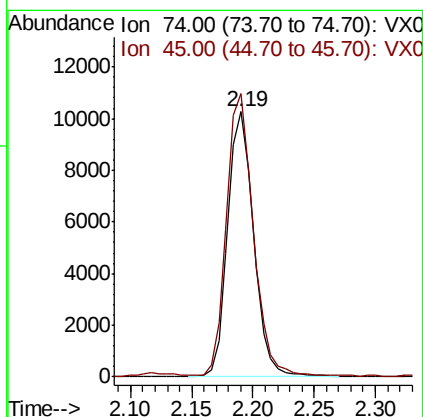
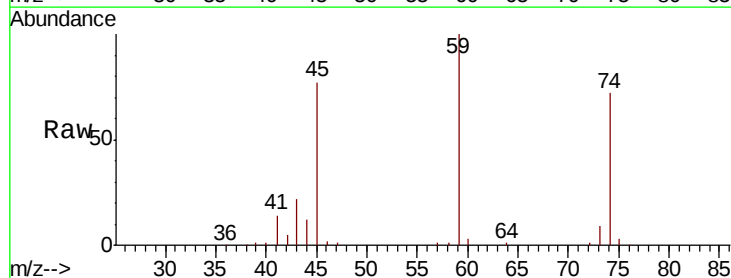
MMDadoda
11/13/2018 11:47:04 AM

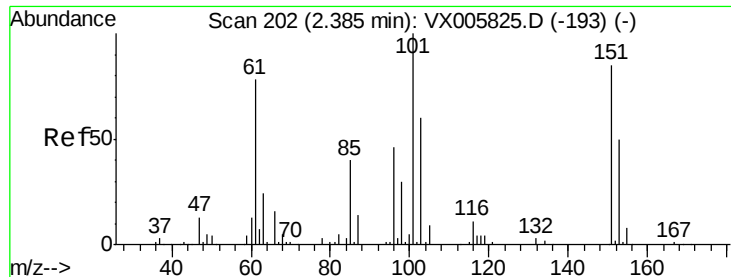


#8

Diethyl Ether
Concen: 20.799 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Tgt Ion: 74 Resp: 15127
Ion Ratio Lower Upper
74 100
45 111.7 54.1 162.3





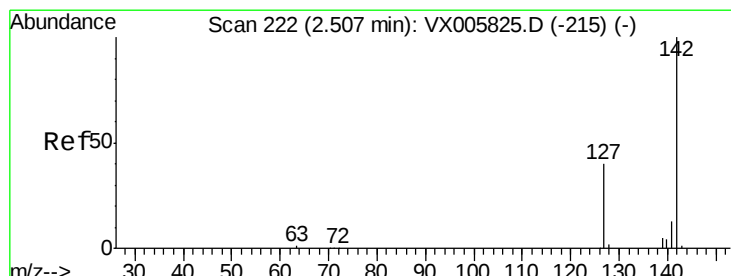
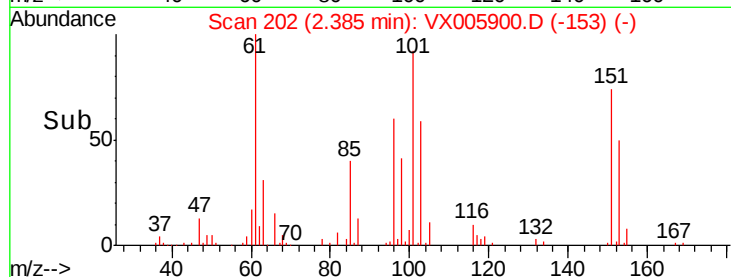
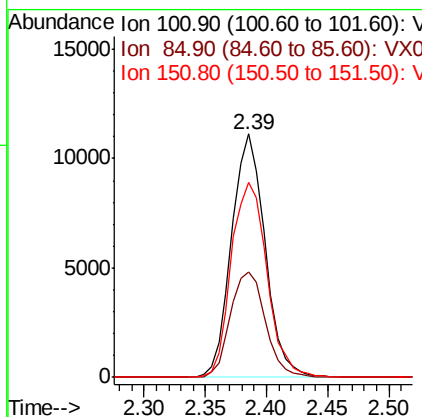
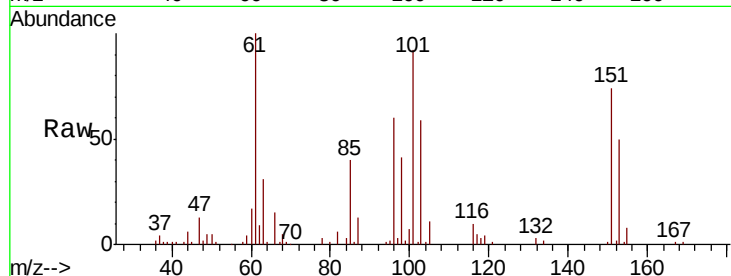
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.833 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX005900.D
 Acq: 12 Nov 2018 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.9	35.0	52.4
151	85.0	66.2	99.2

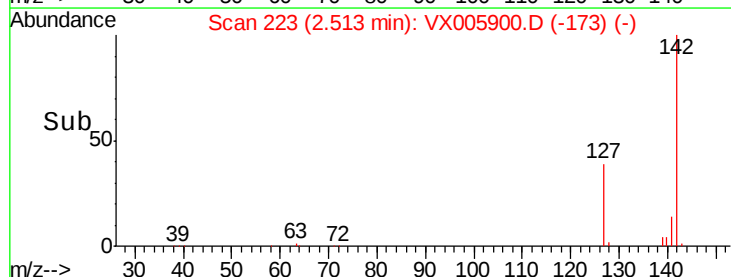
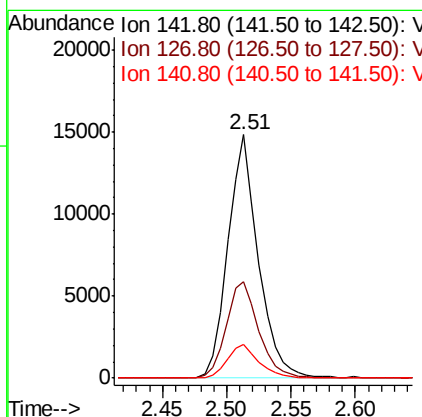
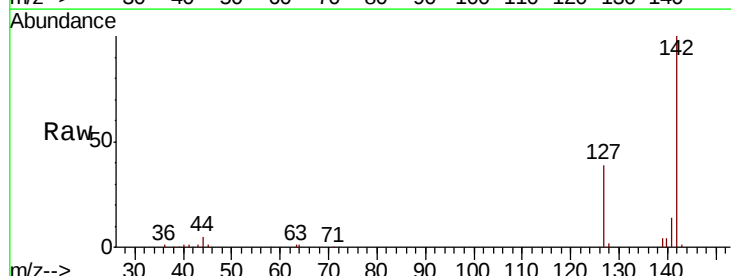
Manual Integrations
 APPROVED

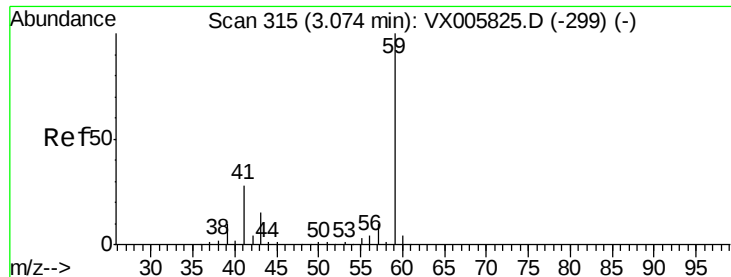
MMDadoda
 11/13/2018 11:47:04 AM



#10
 Methyl Iodide
 Concen: 18.890 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VX005900.D
 Acq: 12 Nov 2018 15:08

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.1	36.0	54.0
141	14.2	11.7	17.5





#11

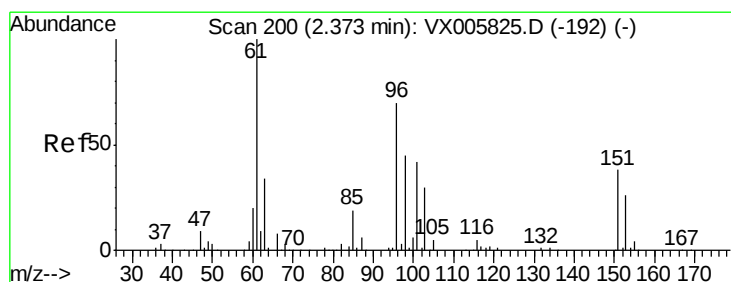
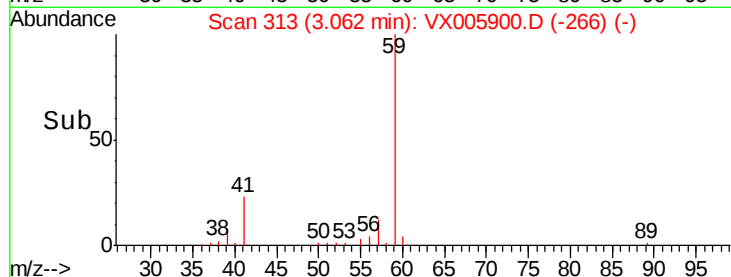
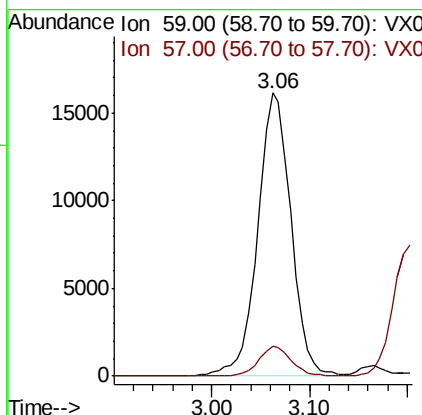
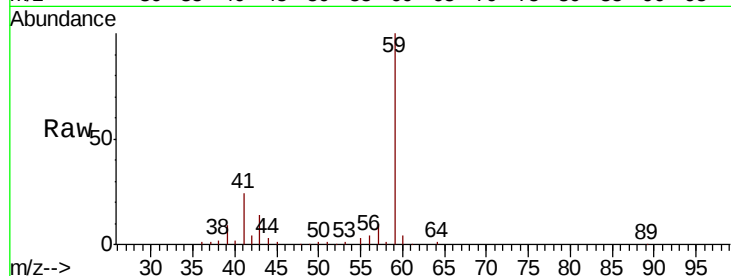
Tert butyl alcohol
Concen: 98.338 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	59.00	Resp	38123
Ion Ratio	100	Lower	Upper
57	10.1	8.5	12.7

Manual Integrations
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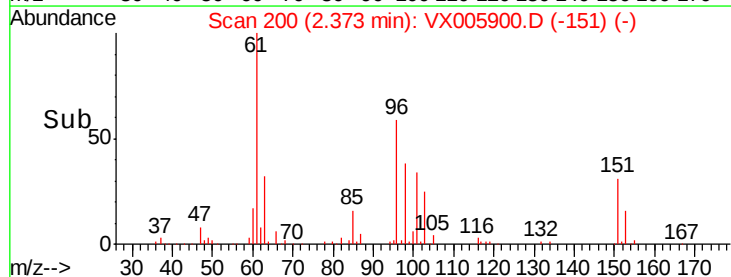
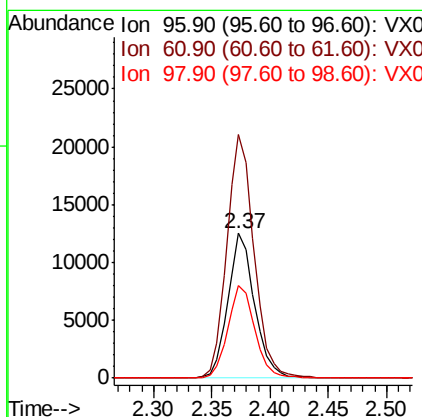
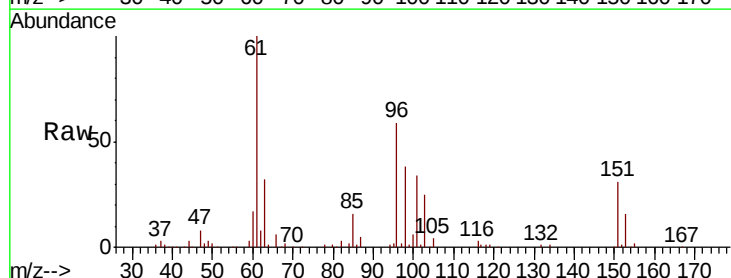
MMDadoda
11/13/2018 11:47:04 AM

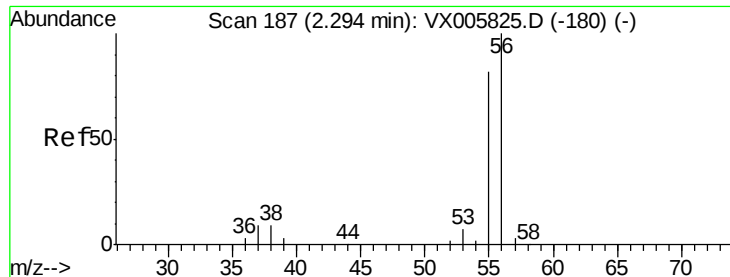


#12

1,1-Dichloroethene
Concen: 19.197 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Tgt Ion	96	Resp	19974
Ion Ratio	100	Lower	Upper
61	168.3	131.8	197.8
98	63.7	53.4	80.2





#13

Acrolein

Concen: 152.750 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS01

Tot Ion: 56 Resp: 26743

Ion Ratio Lower Upper

56 100

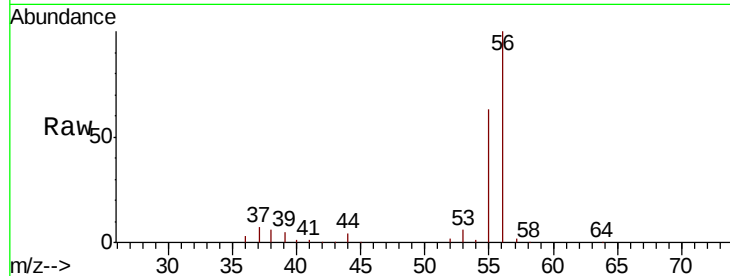
55 69.2 57.3 85.9

Manual Integrations

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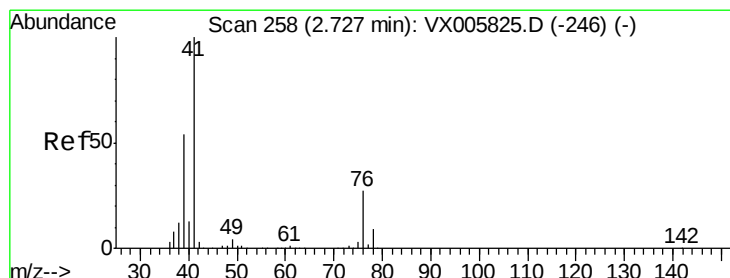
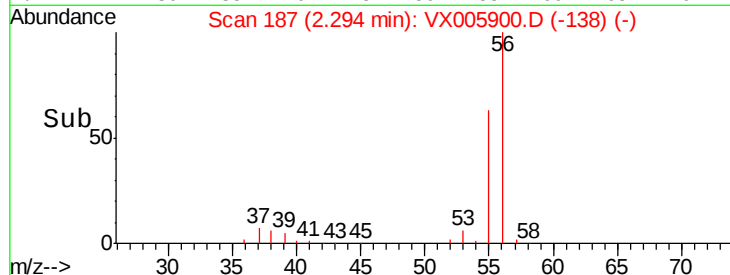
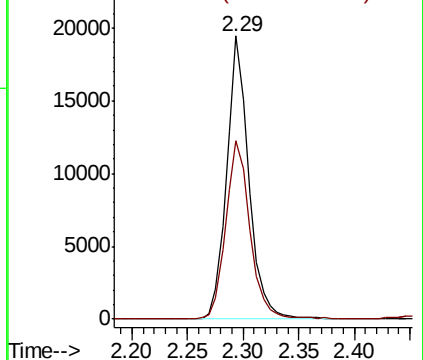
MMDadoda

11/13/2018 11:47:04 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.804 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

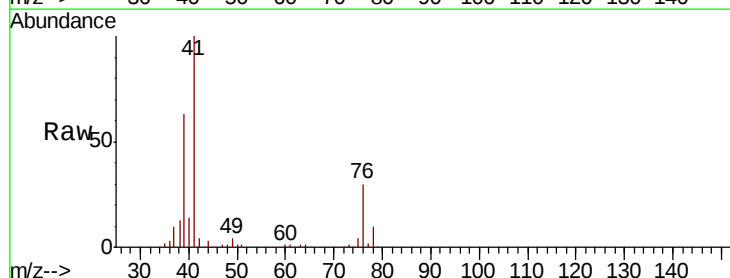
Tgt Ion: 41 Resp: 46021

Ion Ratio Lower Upper

41 100

39 58.1 48.2 72.4

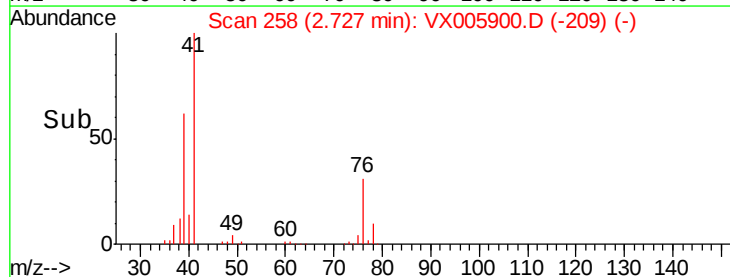
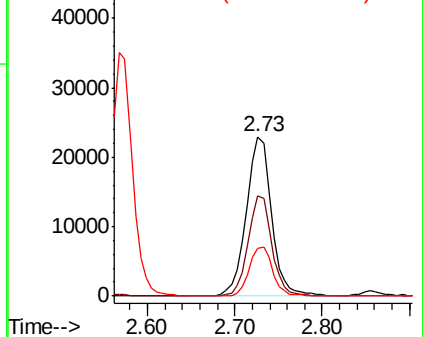
76 28.8 21.9 32.9

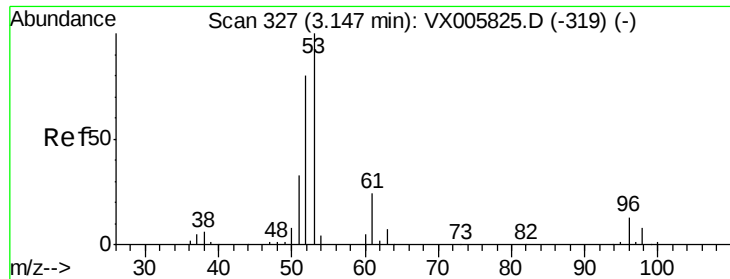


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





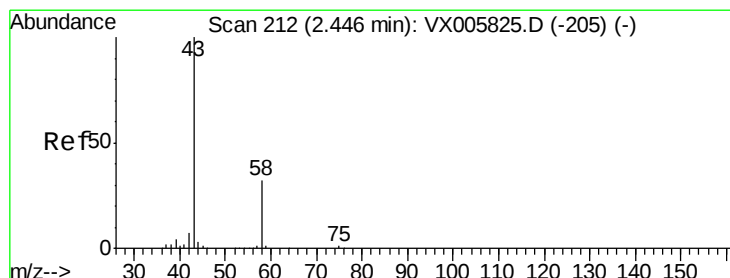
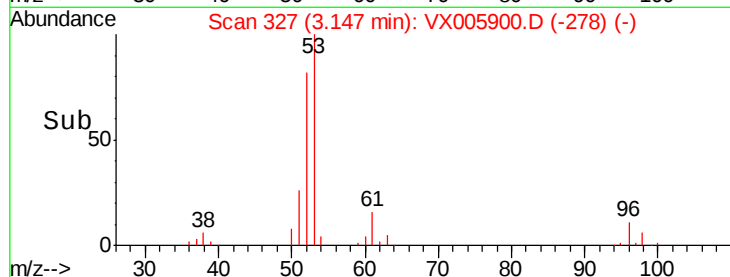
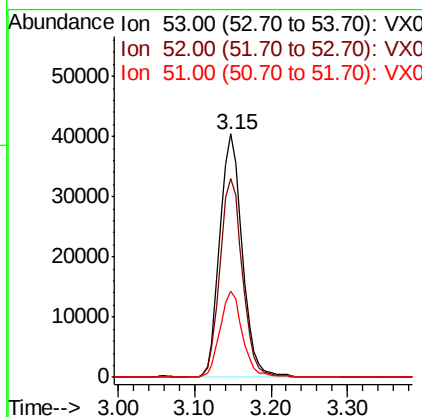
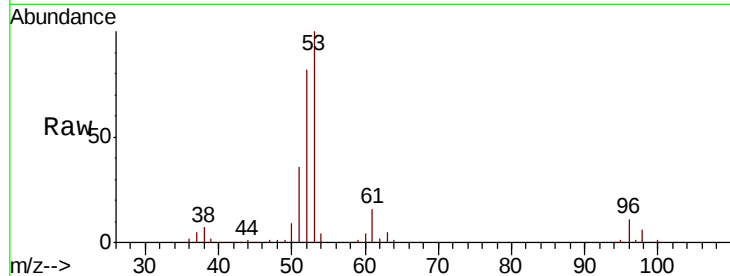
#15
 Acrylonitrile
 Concen: 103.077 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VX005900.D
 Acq: 12 Nov 2018 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.6	99.8
51	35.8	28.4	42.6

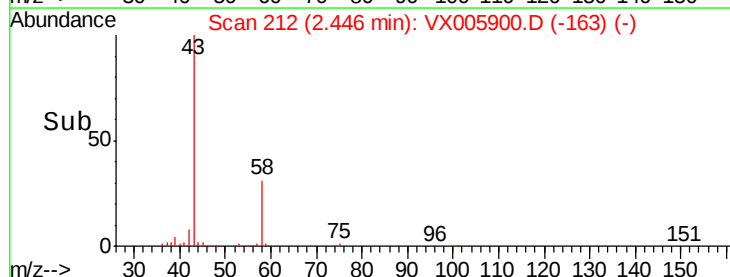
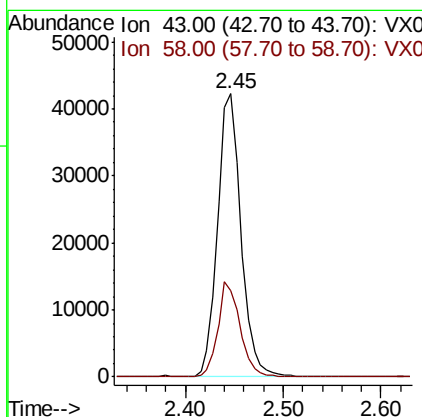
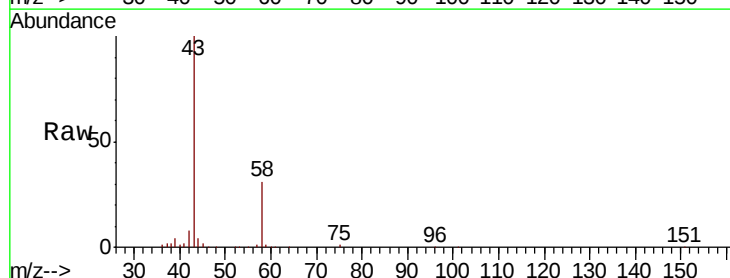
Manual Integrations
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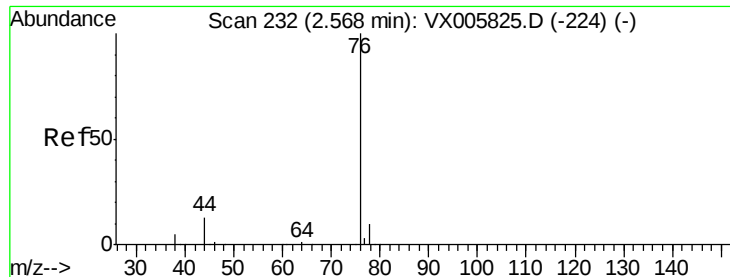
MMDadoda
 11/13/2018 11:47:04 AM



#16
 Acetone
 Concen: 95.619 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005900.D
 Acq: 12 Nov 2018 15:08

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.8	23.8	35.6





#17

Carbon Disulfide

Concen: 18.781 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS01

Tot Ion: 76 Resp: 58289

Ion Ratio Lower Upper

76 100

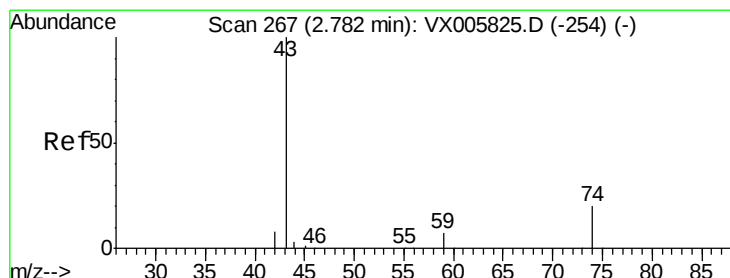
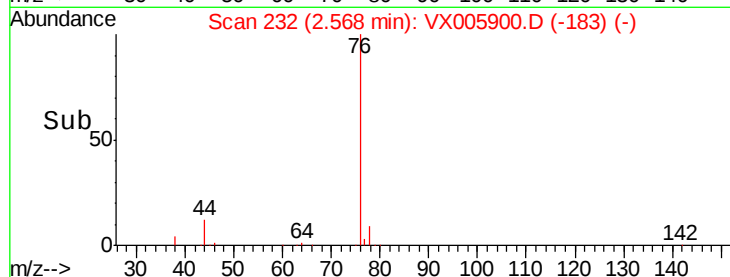
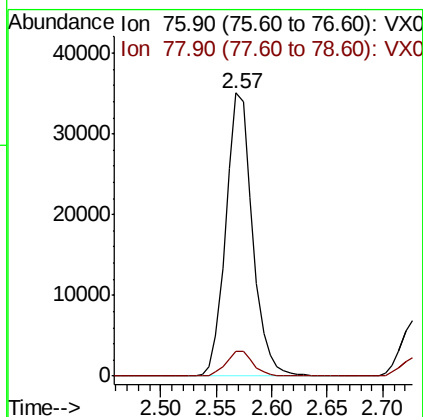
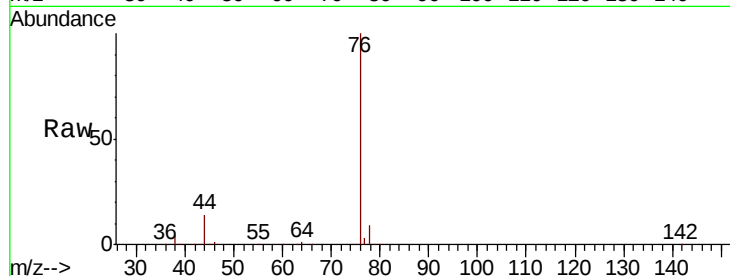
78 8.9 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 21.335 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005900.D

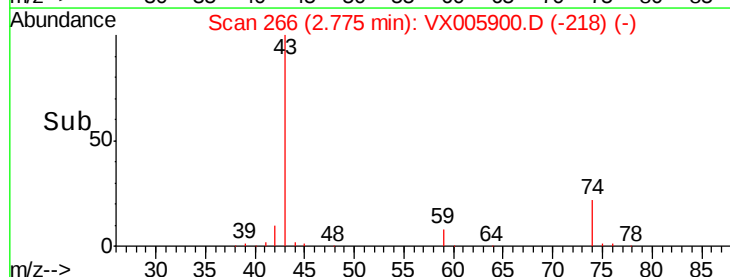
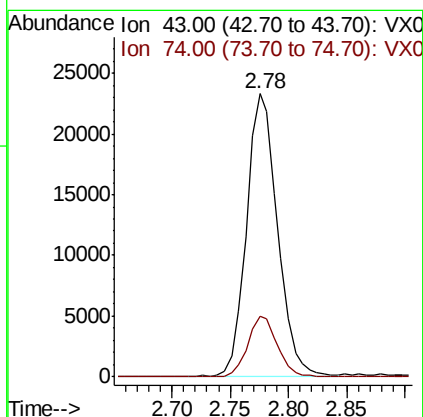
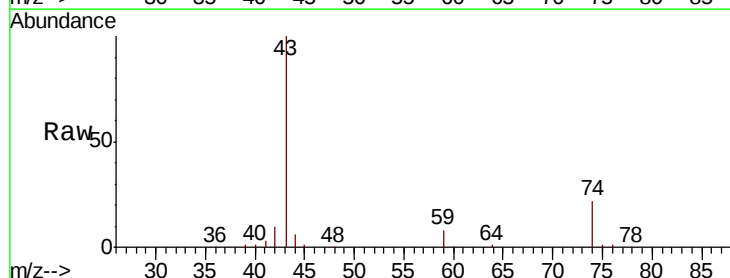
Acq: 12 Nov 2018 15:08

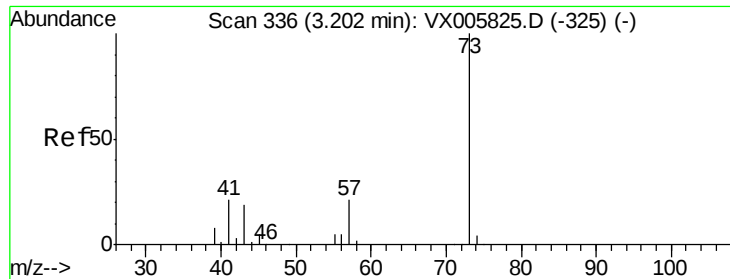
Tgt Ion: 43 Resp: 43321

Ion Ratio Lower Upper

43 100

74 20.7 16.8 25.2





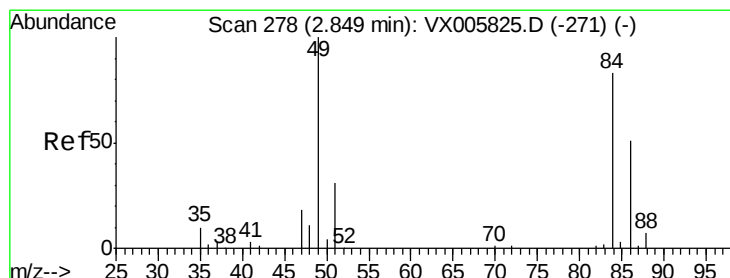
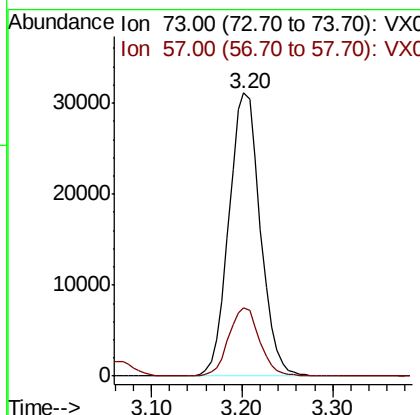
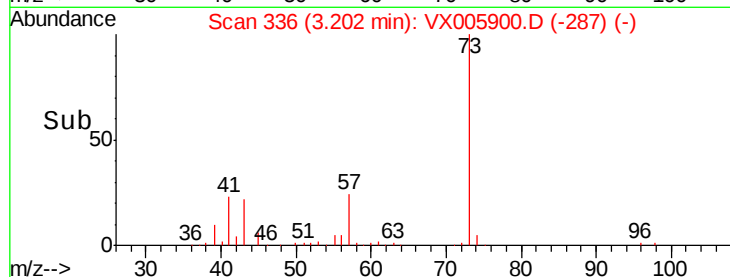
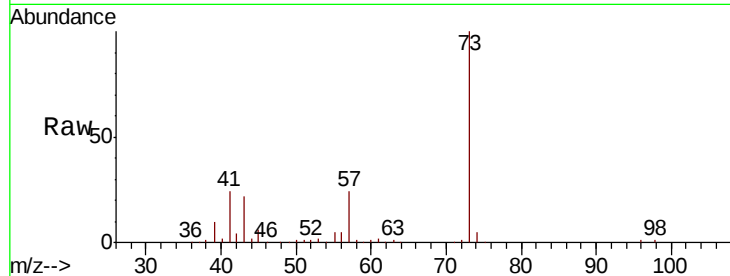
#19
Methyl tert-butyl Ether
Concen: 21.059 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion: 73 Resp: 74784
Ion Ratio Lower Upper
73 100
57 23.9 18.8 28.2

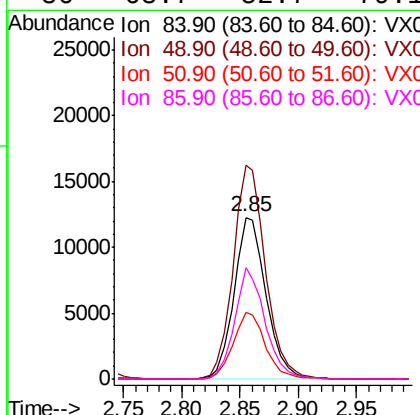
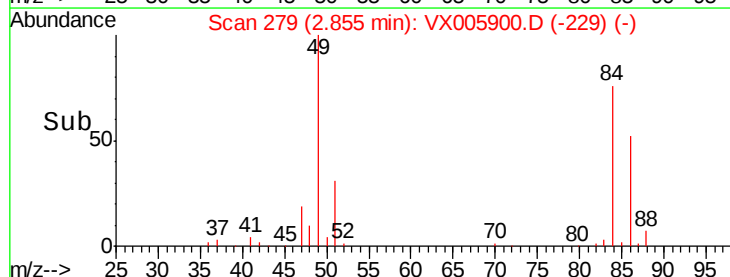
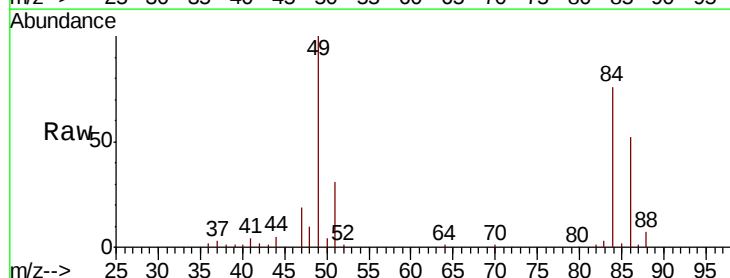
Manual Integrations
APPROVED

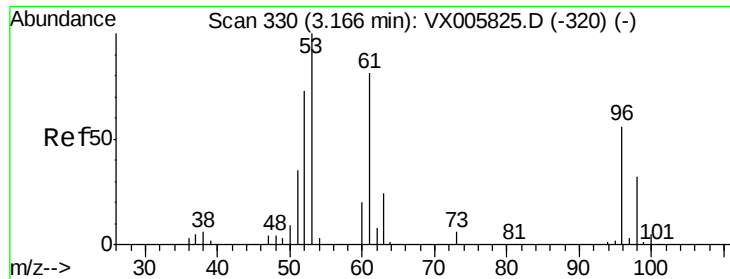
MMDadoda
11/13/2018 11:47:04 AM



#20
Methylene Chloride
Concen: 19.617 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Tgt Ion: 84 Resp: 23480
Ion Ratio Lower Upper
84 100
49 132.3 109.5 164.3
51 41.2 33.3 49.9
86 68.7 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 19.844 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS01

Tot Ion: 96 Resp: 21778

Ion Ratio Lower Upper

96 100

61 145.3 115.6 173.4

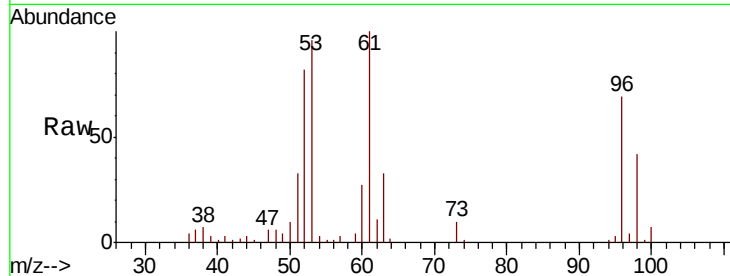
98 60.5 50.2 75.2

Manual Integrations

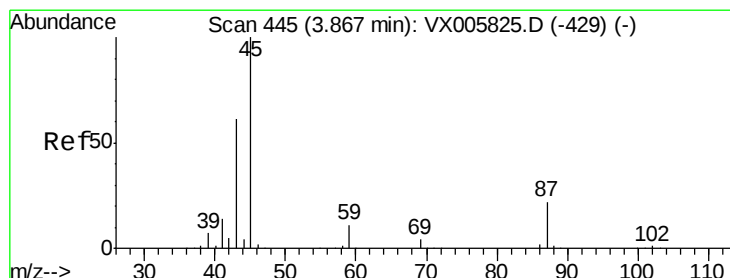
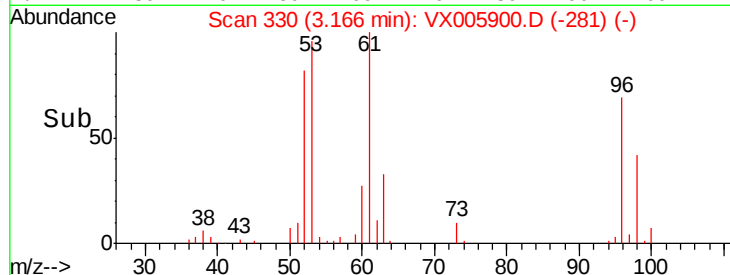
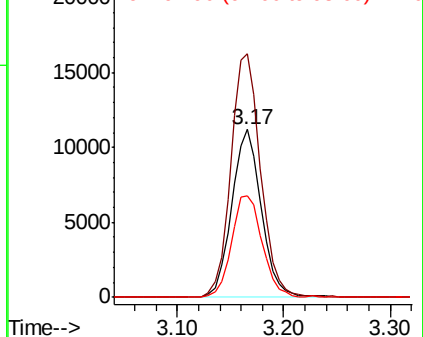
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11/13/2018 11:47:04 AM



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



#22

Diisopropyl ether

Concen: 19.501 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Tgt Ion: 45 Resp: 79385

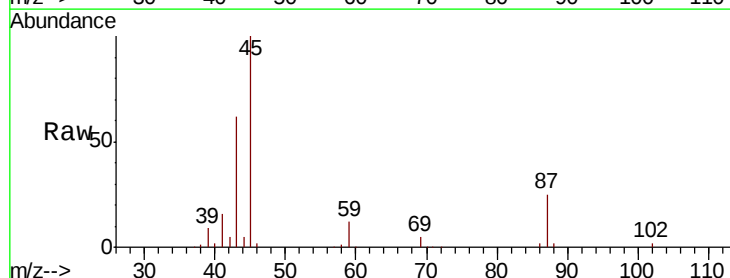
Ion Ratio Lower Upper

45 100

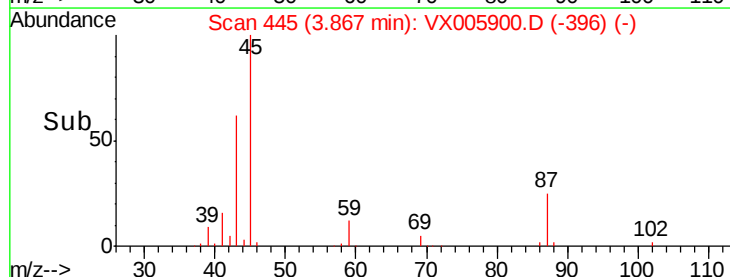
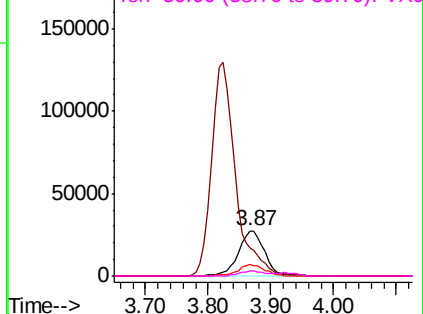
43 61.4 47.4 71.2

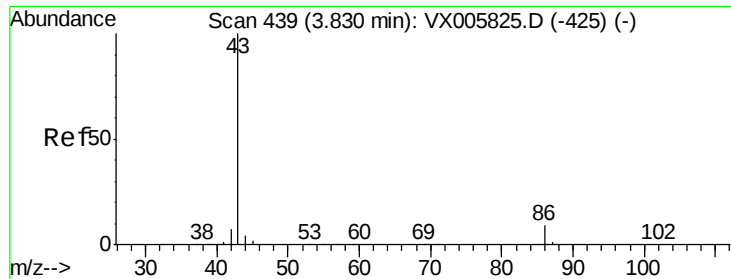
87 25.0 15.9 23.9#

59 11.7 7.7 11.5#



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





#23

Vinyl Acetate

Concen: 98.377 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS01

Tot Ion: 43 Resp: 343372

Ion Ratio Lower Upper

43 100

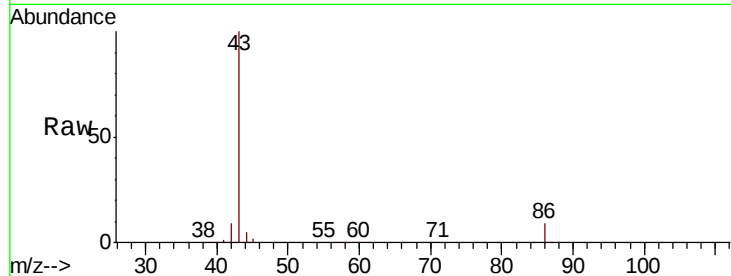
86 9.3 7.4 11.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-425) (-)

Ion 86.00 (85.70 to 86.70): VX005825.D (-425) (-)

150000

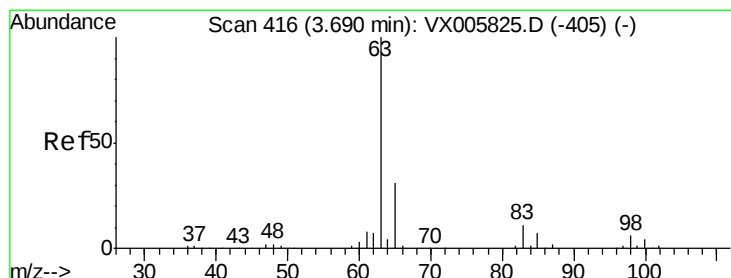
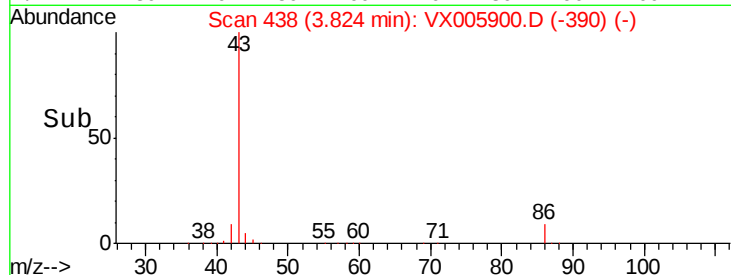
100000

50000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 20.232 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

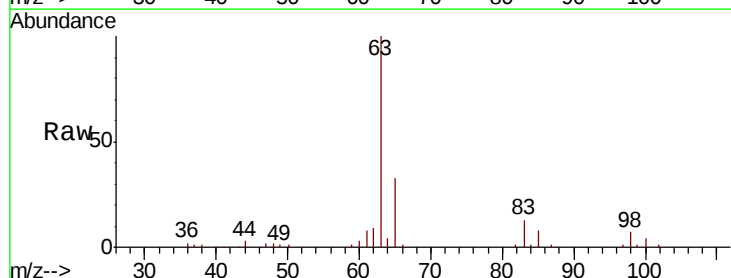
Tgt Ion: 63 Resp: 43941

Ion Ratio Lower Upper

63 100

98 6.9 3.2 9.6

100 4.1 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX005825.D (-405) (-)

Ion 97.90 (97.60 to 98.60): VX005825.D (-405) (-)

Ion 99.90 (99.60 to 100.60): VX005825.D (-405) (-)

25000

20000

15000

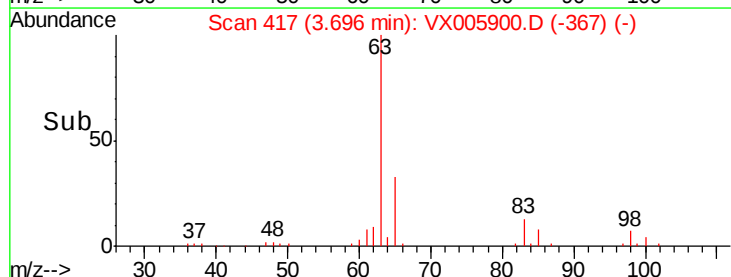
10000

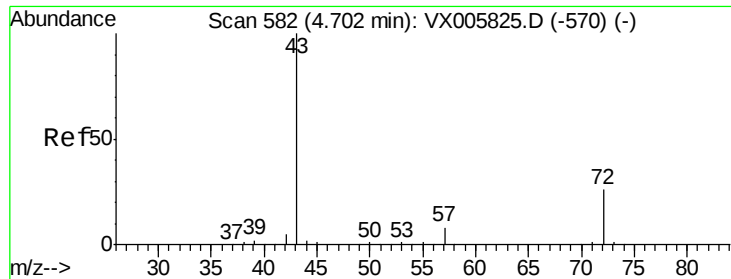
5000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 96.948 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS01

Tot Ion: 43 Resp: 111059

Ion Ratio Lower Upper

43 100

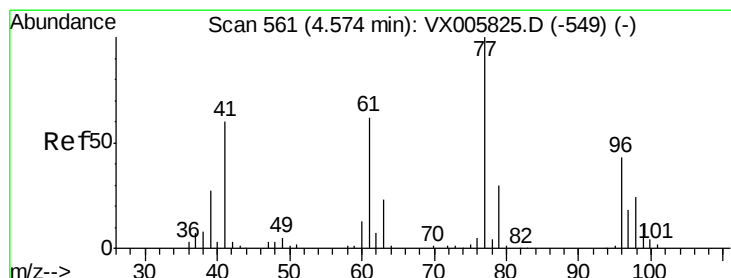
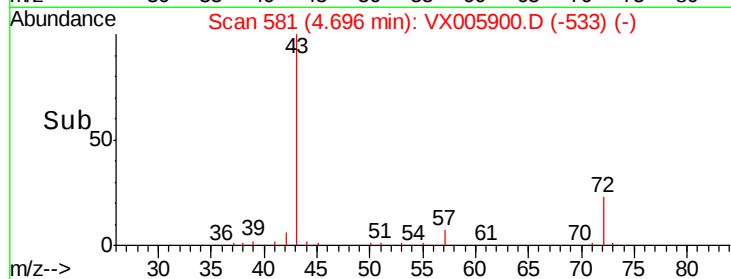
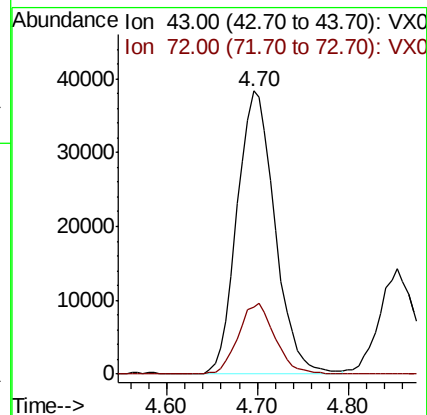
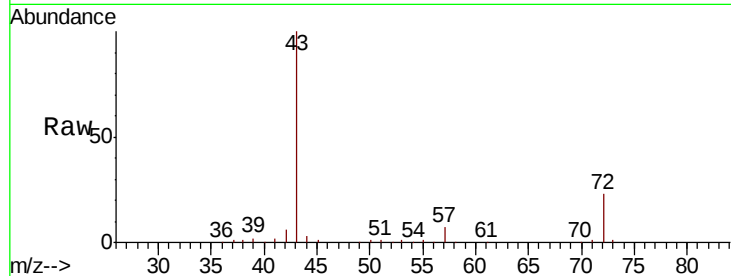
72 23.5 19.2 28.8

Manual Integrations

APPROVED

MMDadoda

11/13/2018 11:47:04 AM



#26

2,2-Dichloropropane

Concen: 20.199 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX005900.D

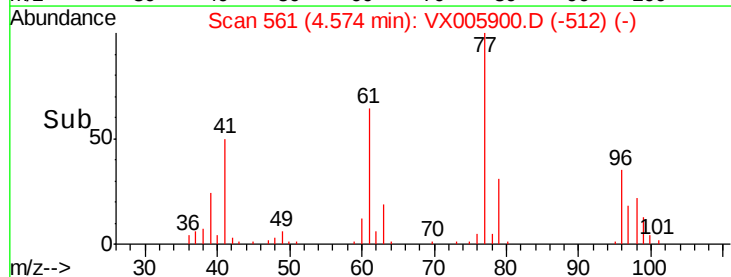
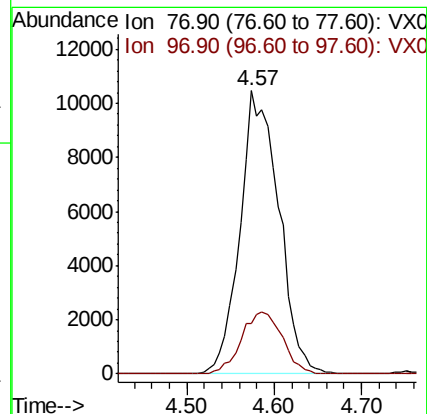
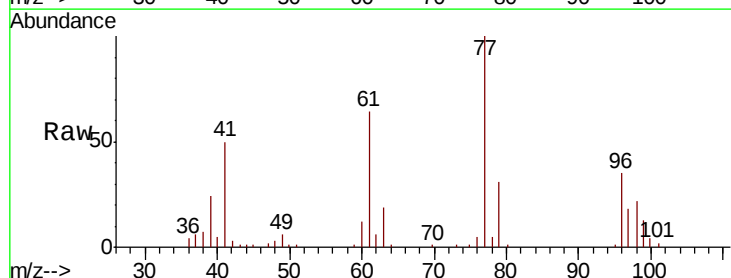
Acq: 12 Nov 2018 15:08

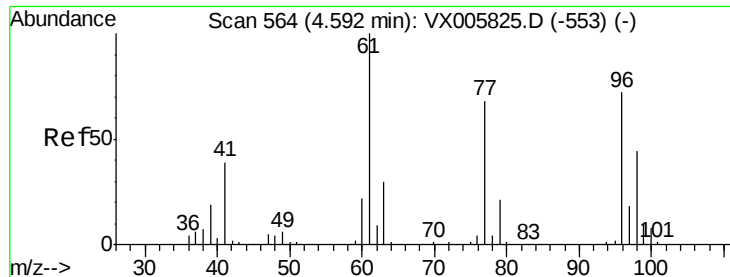
Tgt Ion: 77 Resp: 32181

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.5





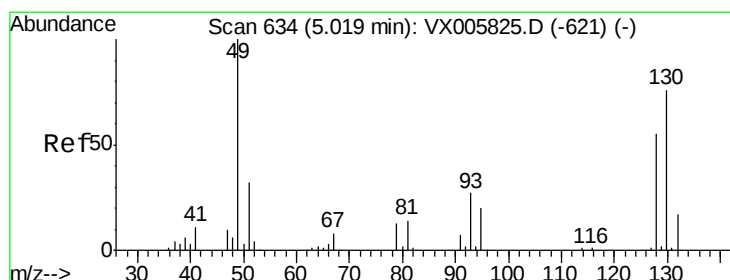
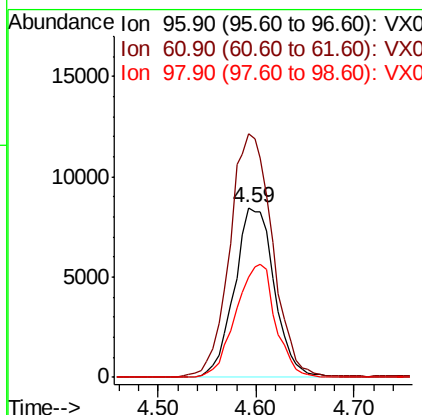
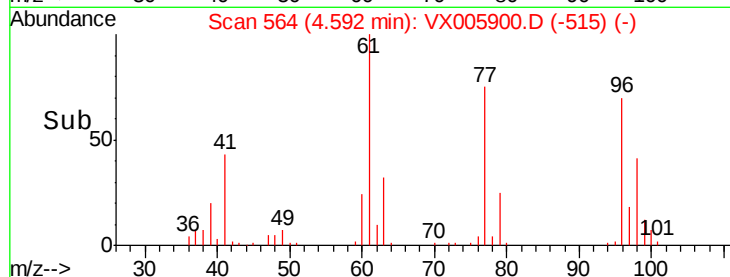
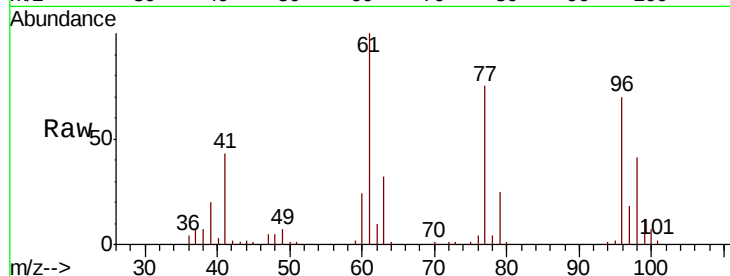
#27
 cis-1,2-Dichloroethene
 Concen: 19.671 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX005900.D
 Acq: 12 Nov 2018 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.5	0.0	304.6
98	66.1	0.0	127.4

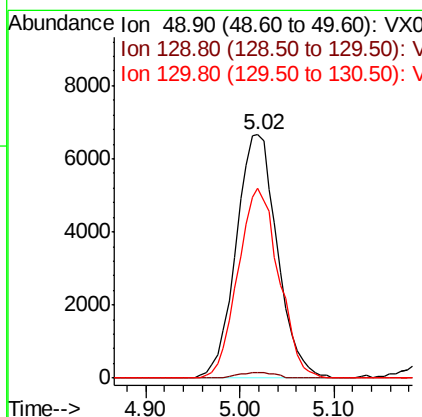
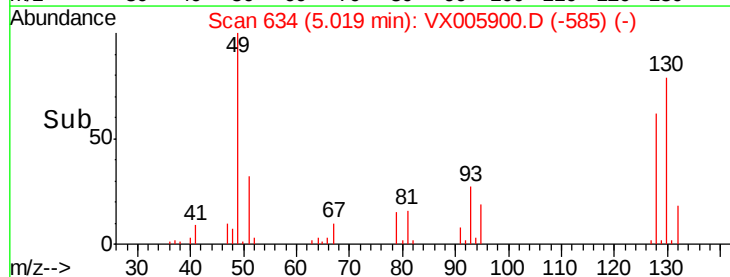
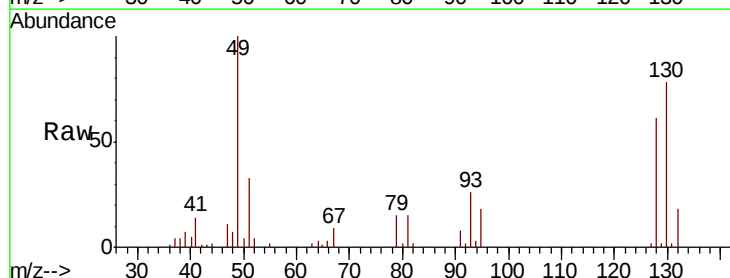
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 11/13/2018 11:47:04 AM



#28
 Bromochloromethane
 Concen: 20.982 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX005900.D
 Acq: 12 Nov 2018 15:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	77.4	58.9	88.3





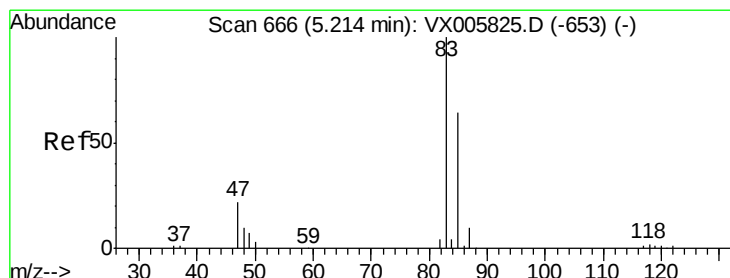
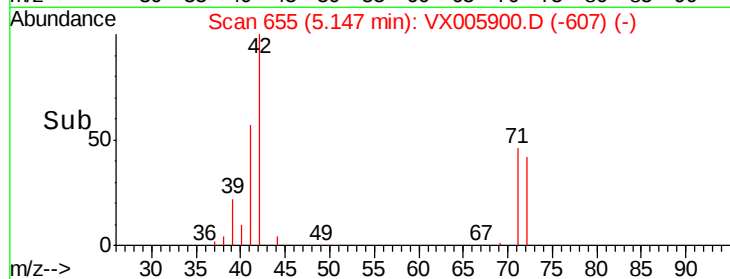
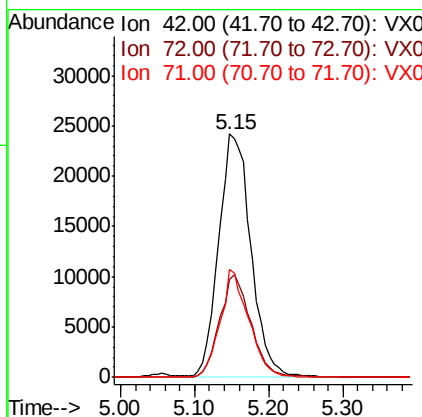
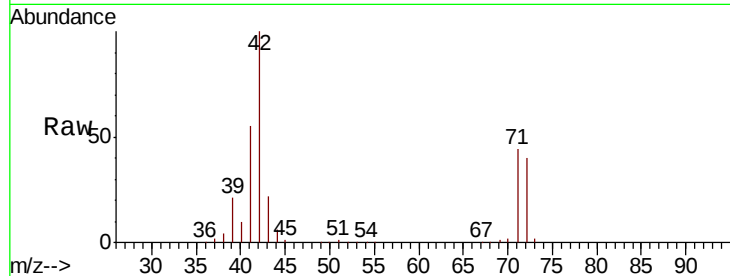
#29
Tetrahydrofuran
Concen: 98.625 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	32.0	48.0
71	39.5	29.8	44.8

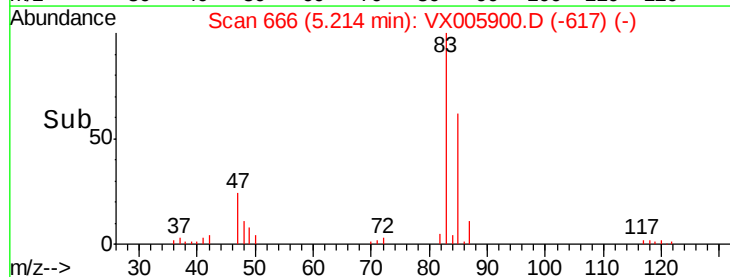
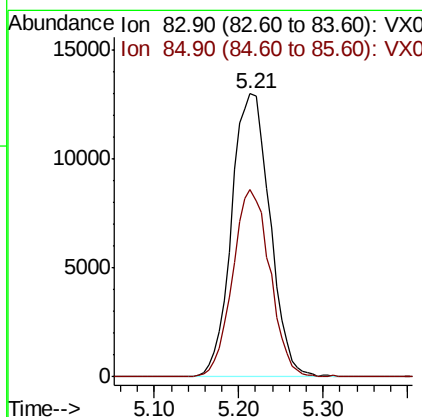
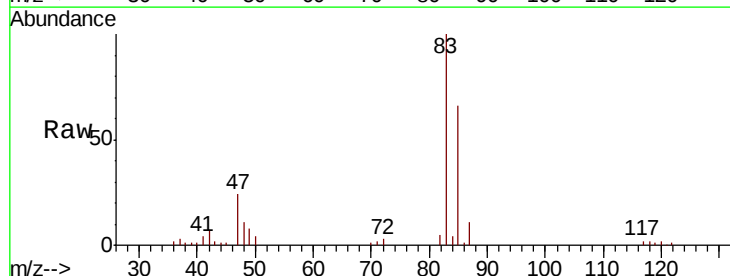
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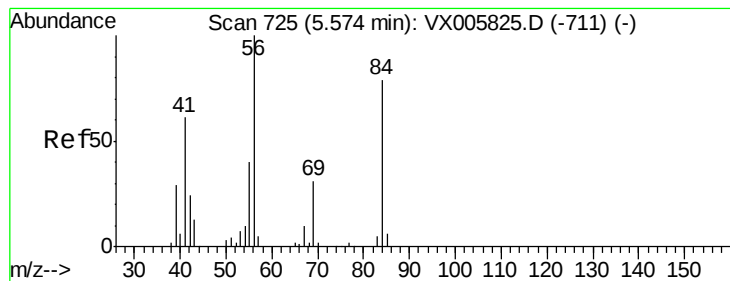
MMDadoda
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#30
Chloroform
Concen: 19.085 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.6	76.0





#31

Cvclohexane

Concen: 19.538 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Instrument :

MSVOA_X

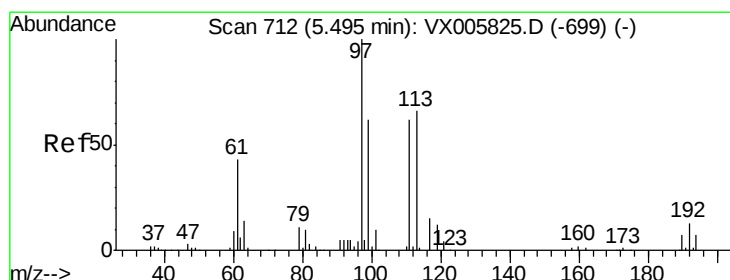
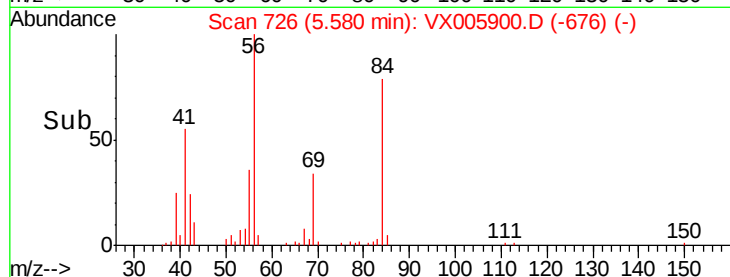
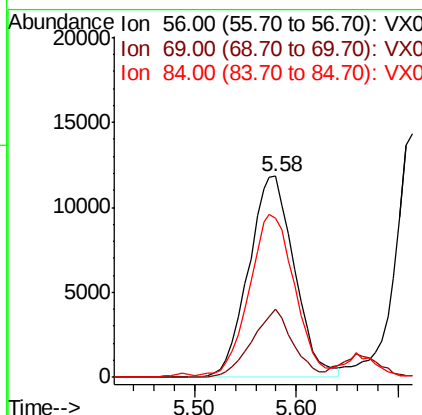
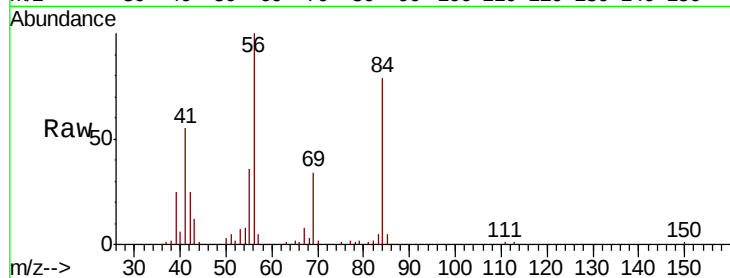
ClientSampleId :

VX1112WBS01

Tot Ion:	56	Resp:	36834
Ion Ratio	Lower	Upper	
56	100		
69	33.8	22.6	34.0
84	77.7	62.7	94.1

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#32

1,1,1-Trichloroethane

Concen: 19.723 ug/l

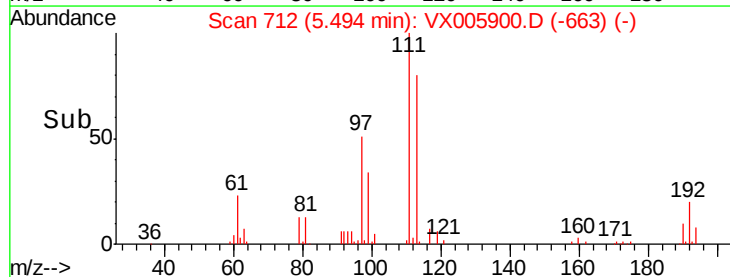
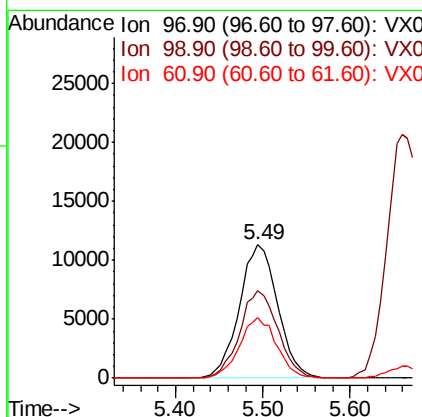
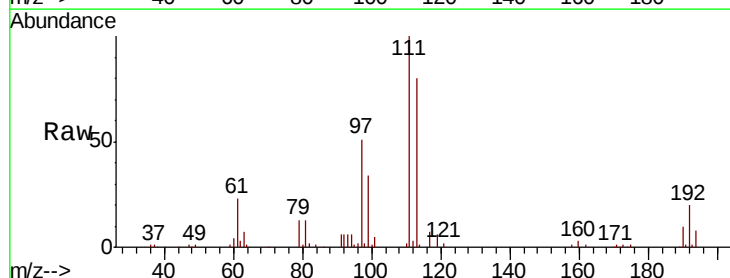
RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Tgt Ion:	97	Resp:	34470
Ion Ratio	Lower	Upper	
97	100		
99	65.1	52.3	78.5
61	43.9	35.2	52.8





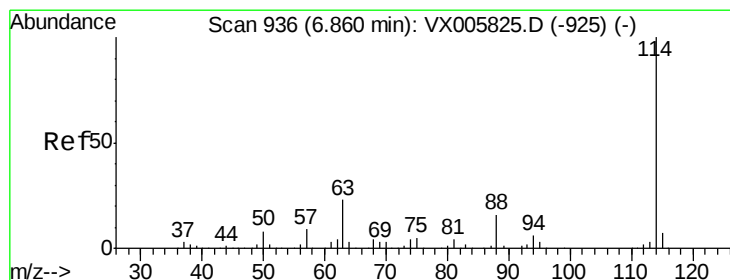
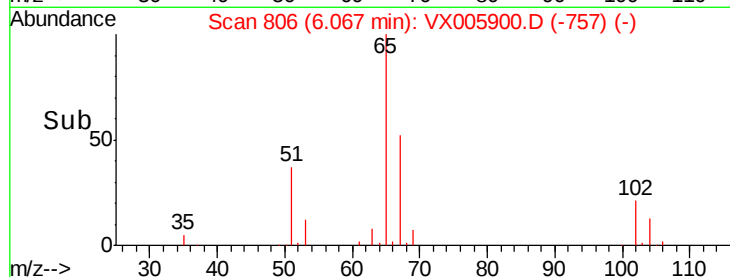
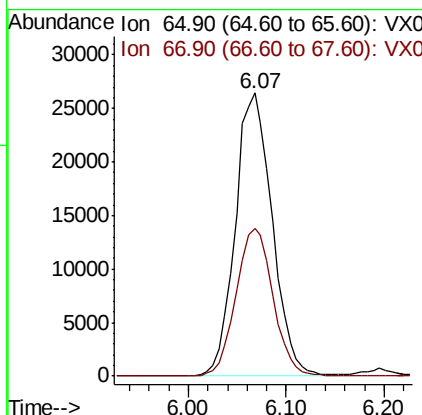
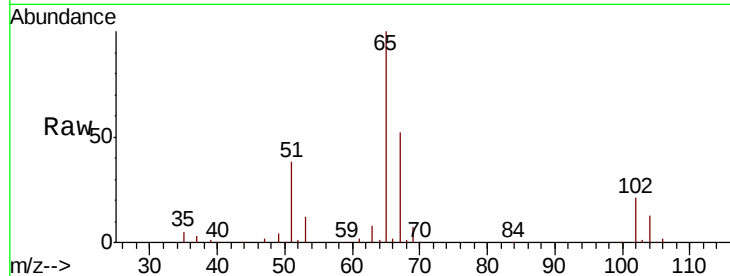
#33
 1,2-Dichloroethane-d4
 Concen: 51.185 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005900.D
 Acq: 12 Nov 2018 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.0

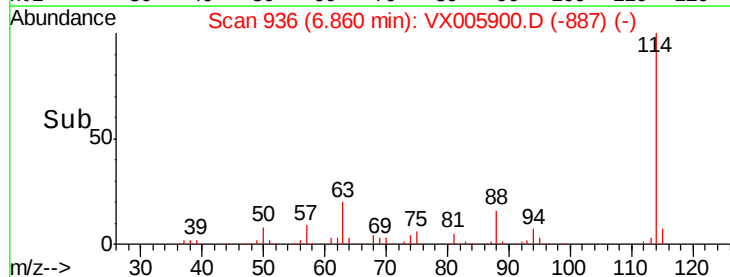
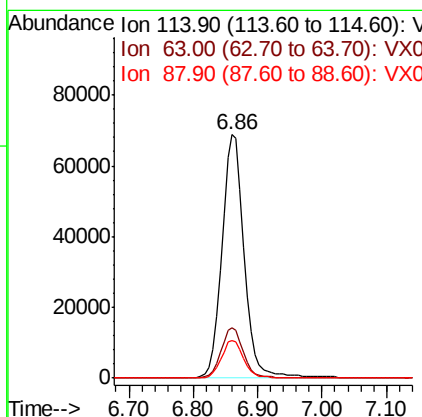
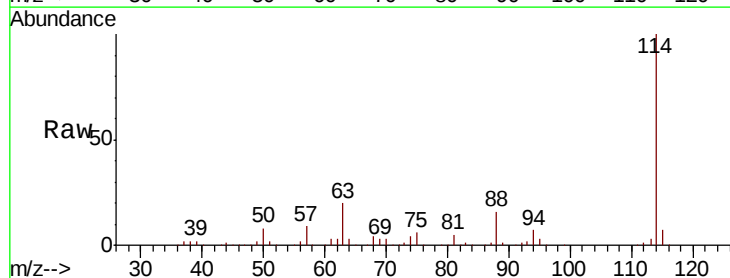
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005900.D
 Acq: 12 Nov 2018 15:08

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.8
88	15.6	0.0	31.2





#35

Dibromofluoromethane

Concen: 48.692 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Instrument :

MSVOA_X

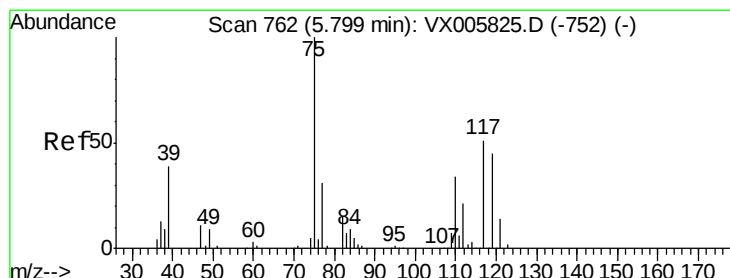
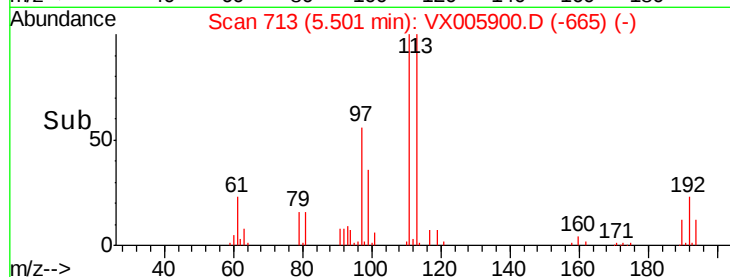
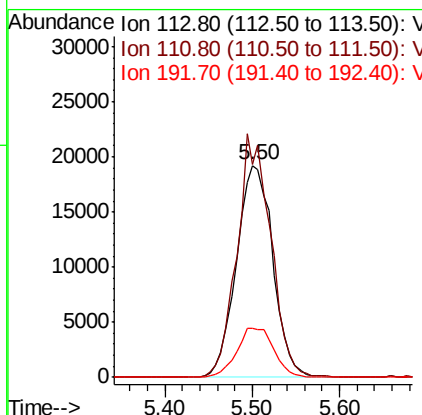
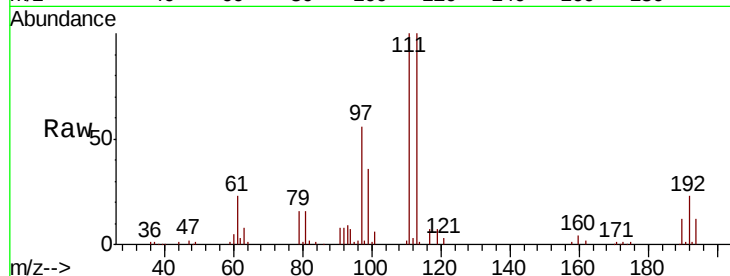
ClientSampleId :

VX1112WBS01

Tot Ion:	113	Resp:	55793
Ion	Ratio	Lower	Upper
113	100		
111	106.3	82.3	123.5
192	23.6	17.9	26.9

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#36

1,1-Dichloropropene

Concen: 17.724 ug/l

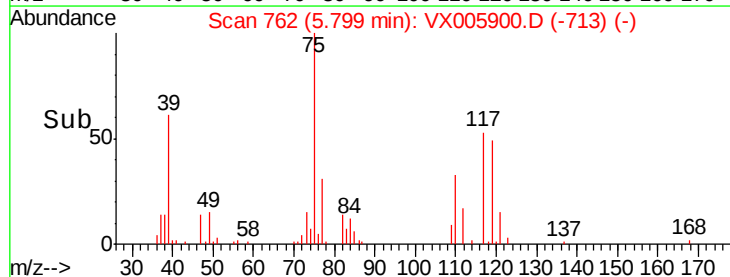
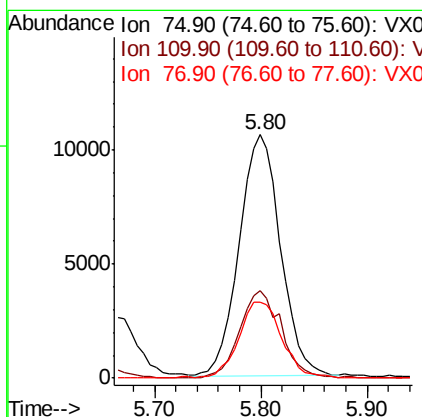
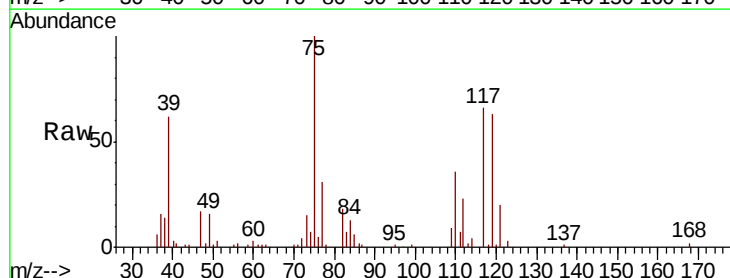
RT: 5.80 min Scan# 762

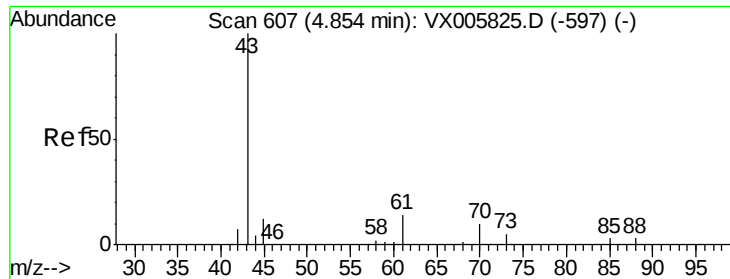
Delta R.T. -0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Tgt Ion:	75	Resp:	28785
Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.4	52.2
77	33.0	25.8	38.6





#37

Ethyl Acetate

Concen: 19.067 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Instrument :

MSVOA_X

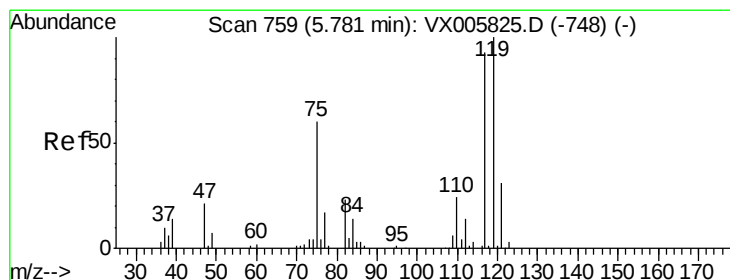
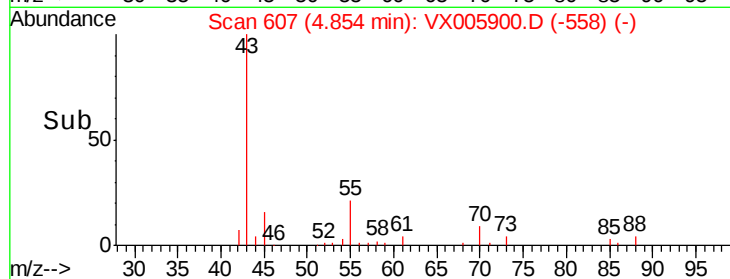
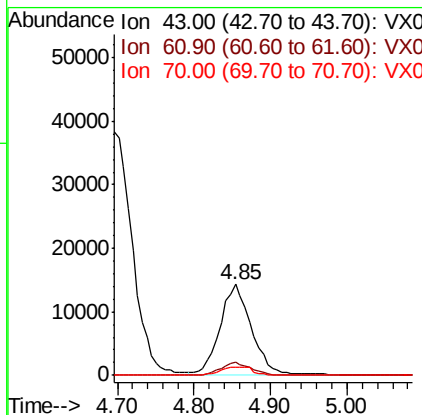
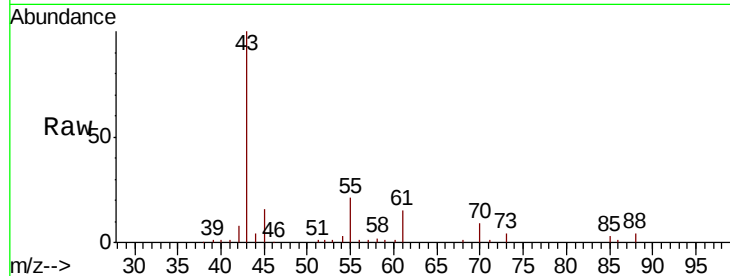
ClientSampleId :

VX1112WBS01

Tot Ion:	43	Resp:	40721
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.8	16.2
70	9.9	7.8	11.8

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#38

Carbon Tetrachloride

Concen: 18.319 ug/l

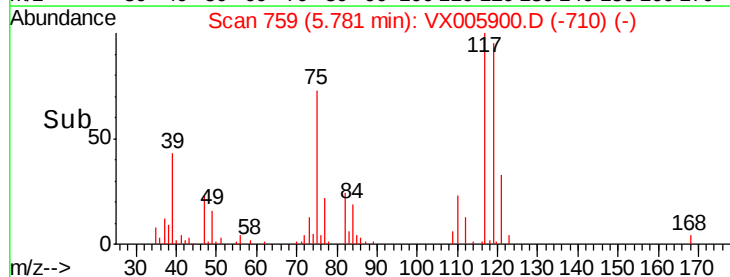
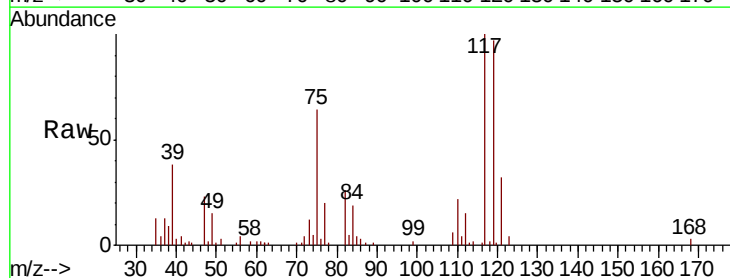
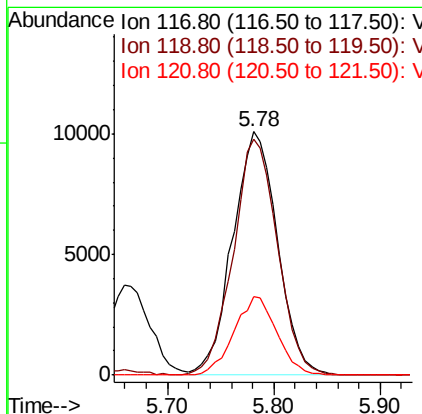
RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Tgt Ion:	117	Resp:	29784
Ion	Ratio	Lower	Upper
117	100		
119	96.9	78.1	117.1
121	32.4	24.6	36.8





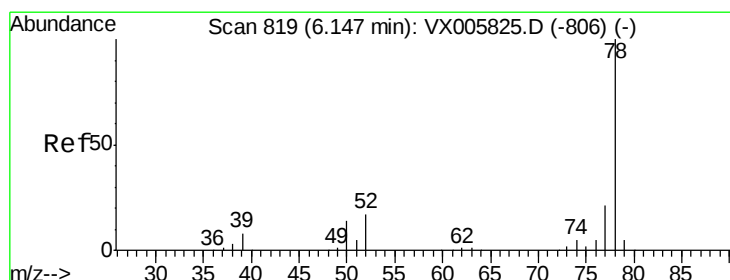
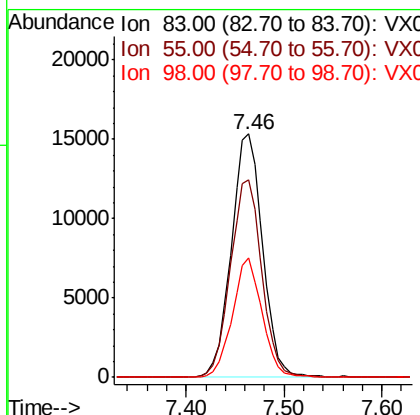
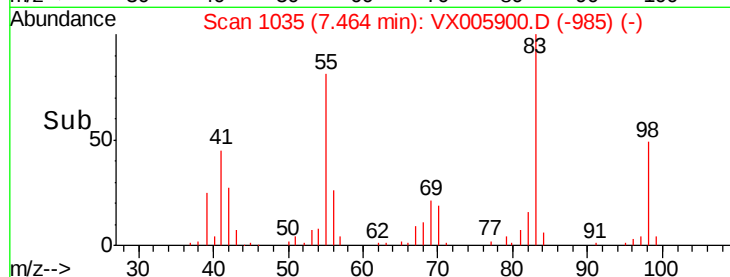
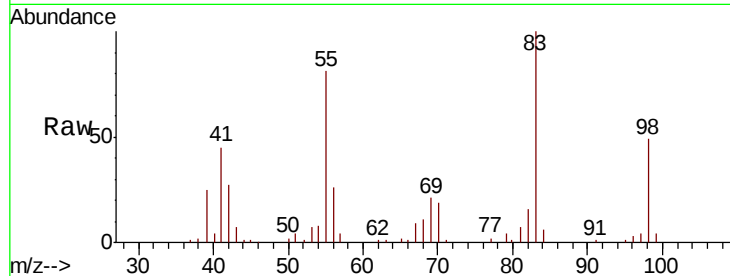
#39
Methvlcvclohexane
Concen: 20.650 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	81.1	63.7	95.5	
98	49.3	36.2	54.2	

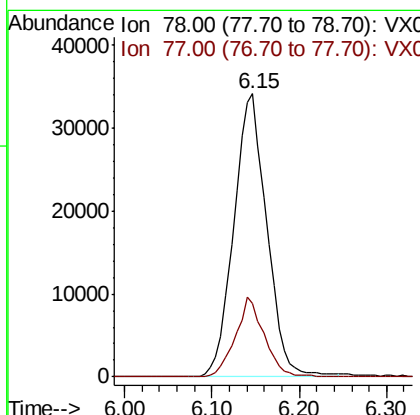
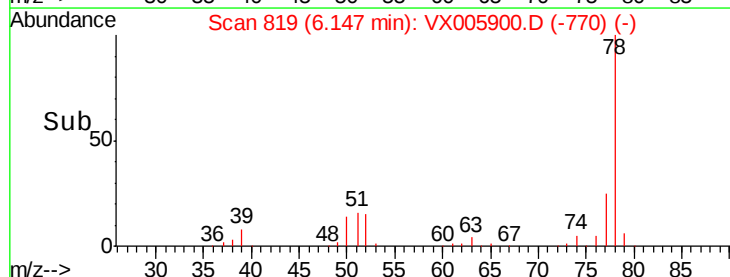
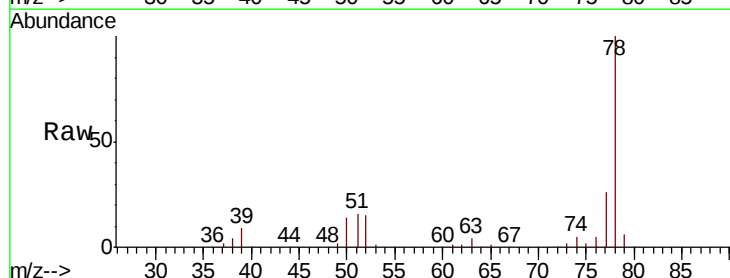
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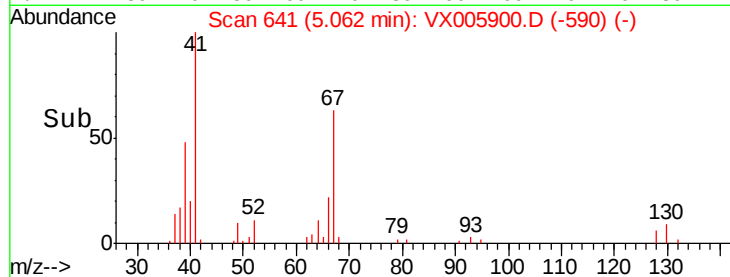
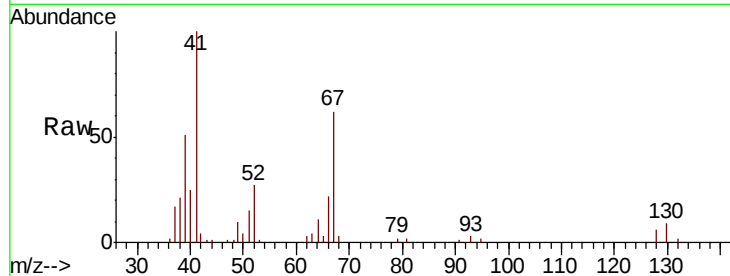
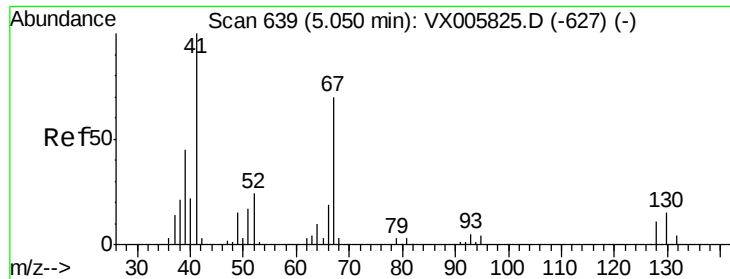
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#40
Benzene
Concen: 18.977 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	26.0	18.4	27.6	





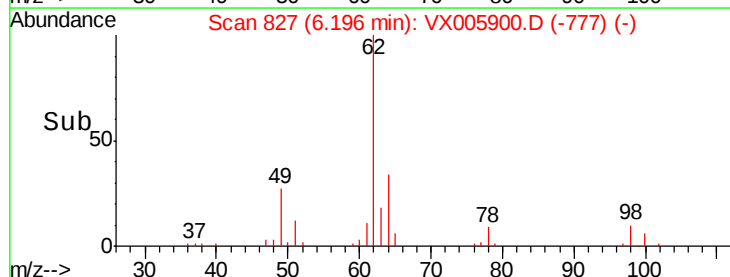
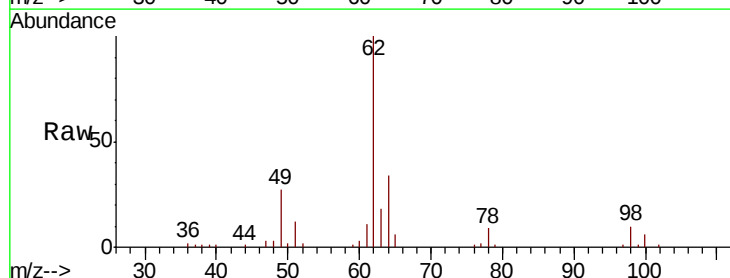
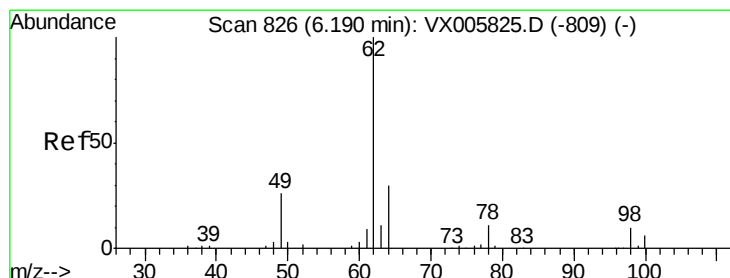
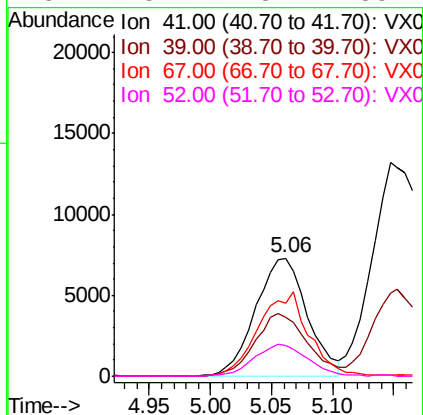
#41
Methacrylonitrile
Concen: 18.693 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.4	42.2	63.2	
67	69.7	53.4	80.0	
52	28.1	23.4	35.2	

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

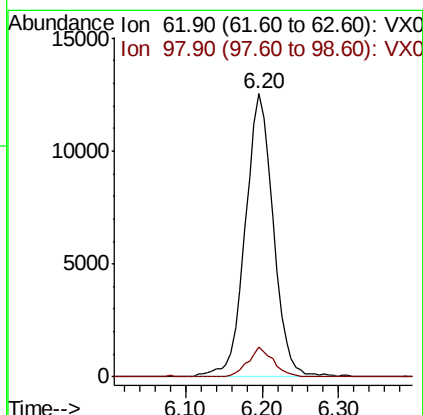
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 18.906 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.4	0.0	17.8	





#43

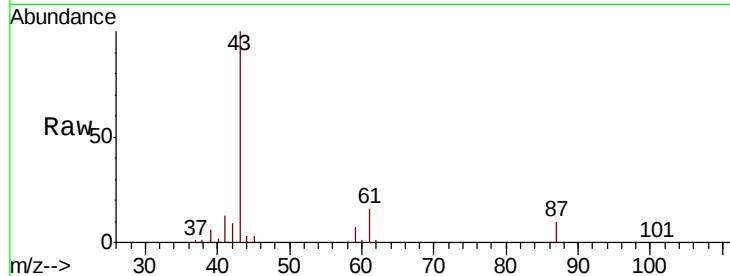
Isopropyl Acetate
 Concen: 20.239 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX005900.D
 Acq: 12 Nov 2018 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS01

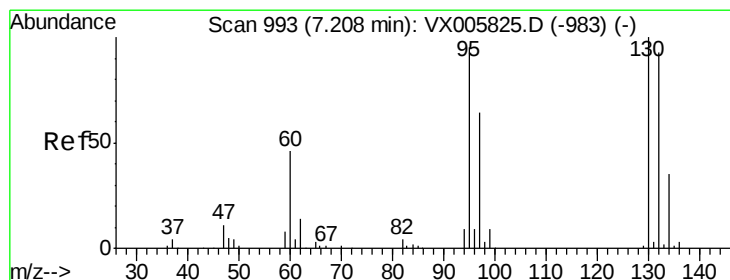
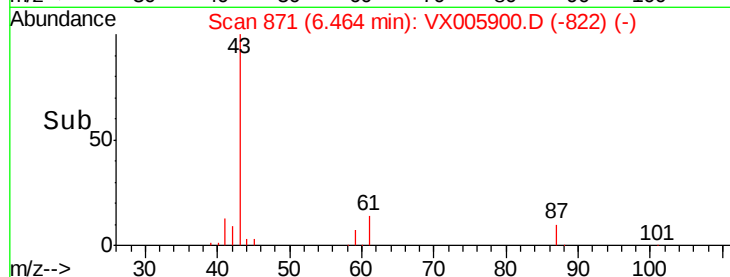
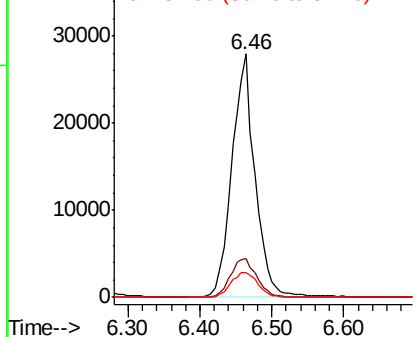
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.6	22.0
87	11.7	9.6	14.4

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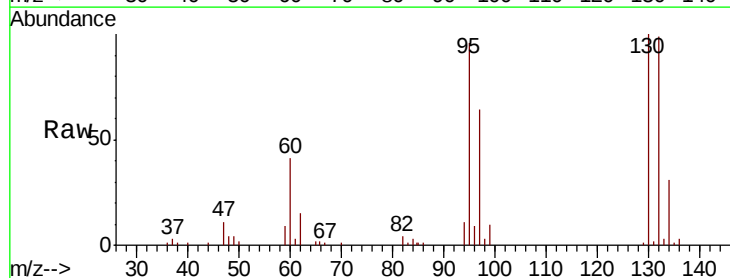
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



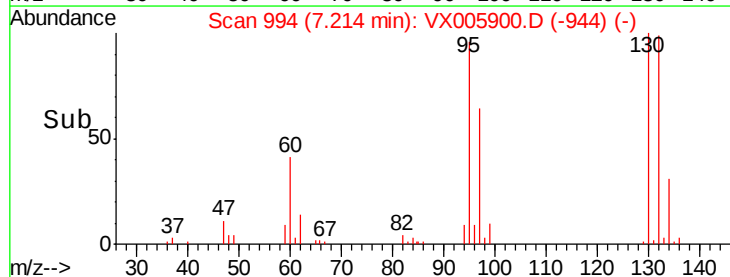
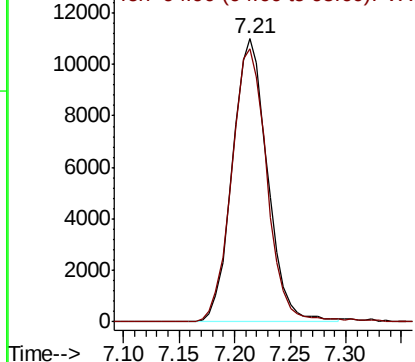
#44

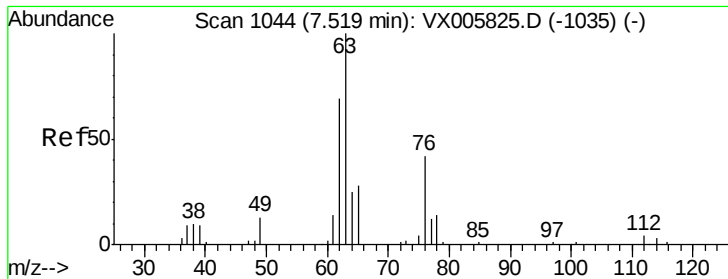
Trichloroethene
 Concen: 19.928 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX005900.D
 Acq: 12 Nov 2018 15:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	194.2



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





#45

1,2-Dichloropropane

Concen: 20.962 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS01

Tot Ion: 63 Resp: 24089

Ion Ratio Lower Upper

63 100

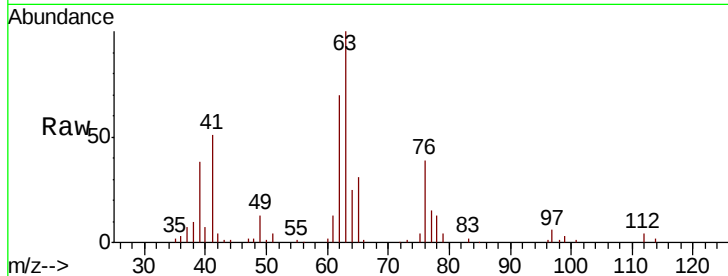
65 30.6 24.8 37.2

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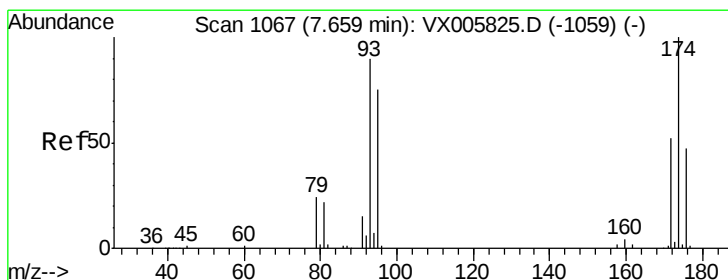
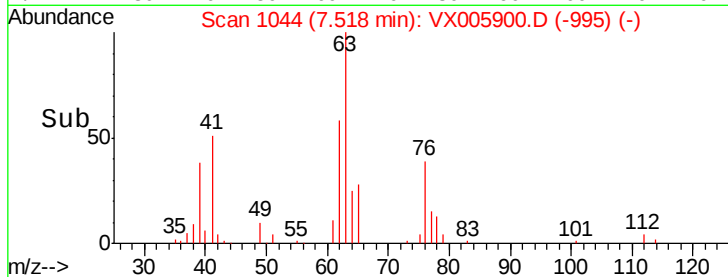
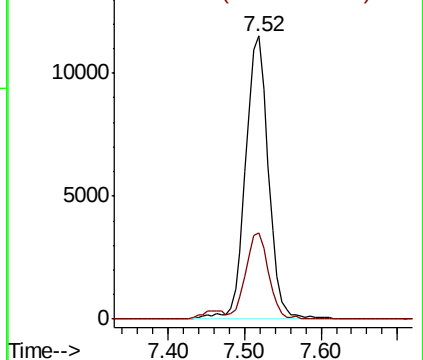
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.270 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

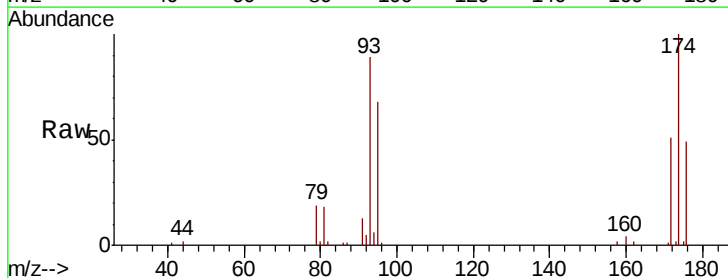
Tgt Ion: 93 Resp: 15338

Ion Ratio Lower Upper

93 100

95 82.0 67.4 101.0

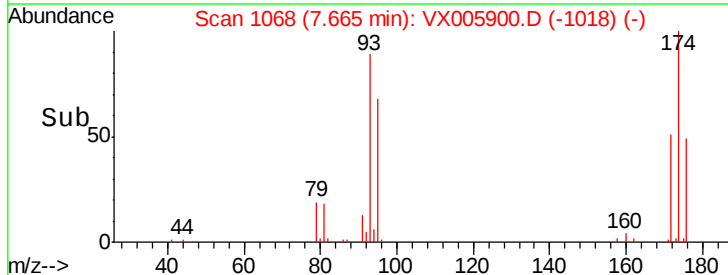
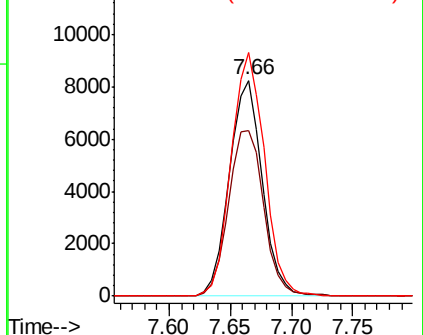
174 114.2 91.5 137.3



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.118 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Instrument :

MSVOA_X

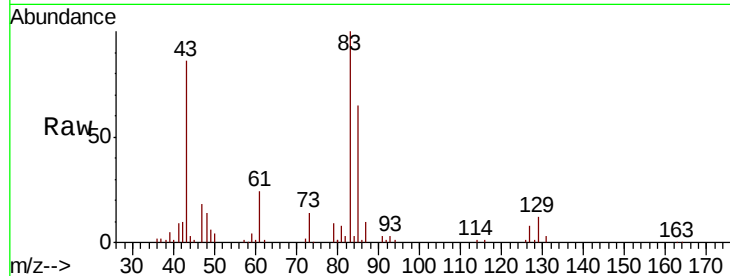
ClientSampleId :

VX1112WBS01

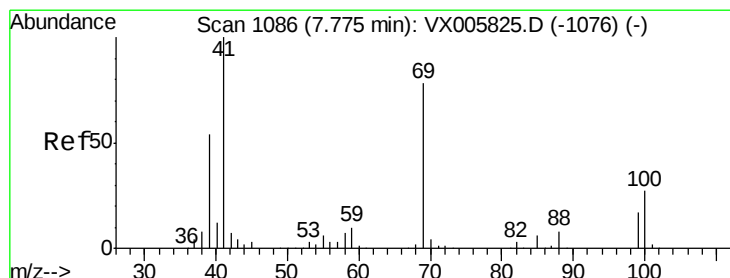
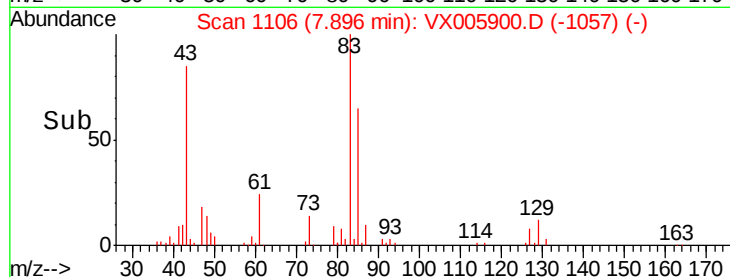
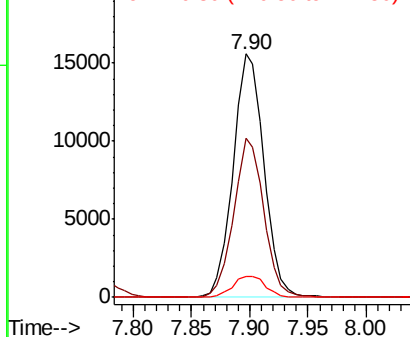
Tot Ion:	83	Resp:	28780
Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.2	75.4
127	8.5	6.9	10.3

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.689 ug/l

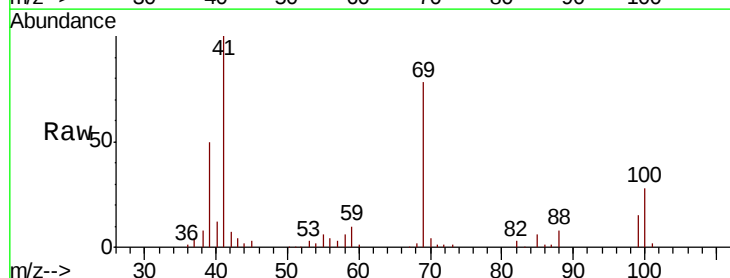
RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

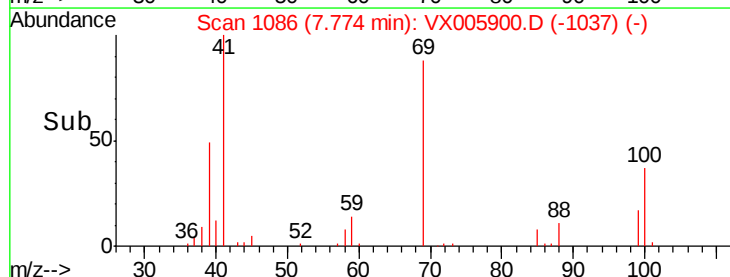
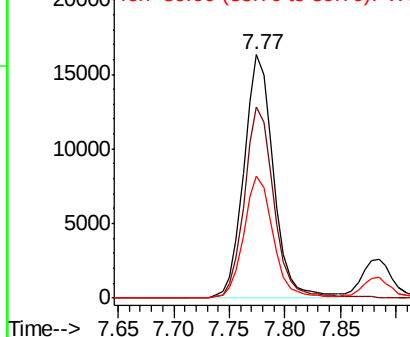
Lab File: VX005900.D

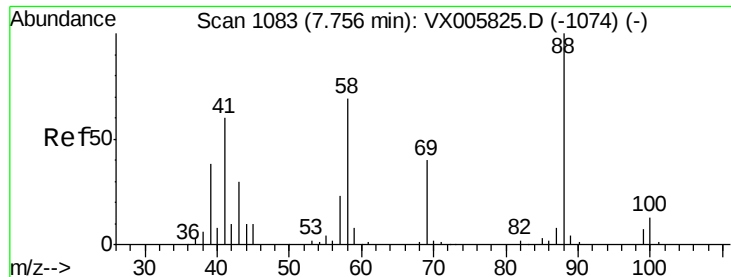
Acq: 12 Nov 2018 15:08

Tgt Ion:	41	Resp:	30138
Ion	Ratio	Lower	Upper
41	100		
69	78.6	63.2	94.8
39	49.9	42.2	63.2



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





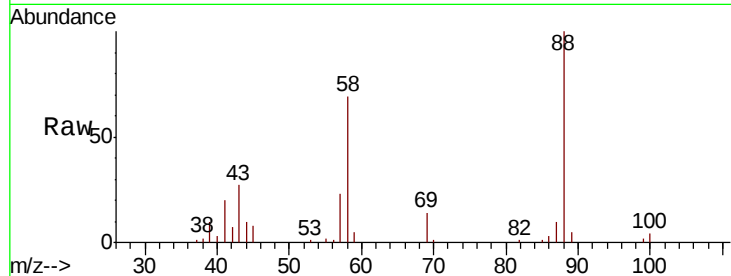
#49
1,4-Dioxane
Concen: 429.786 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

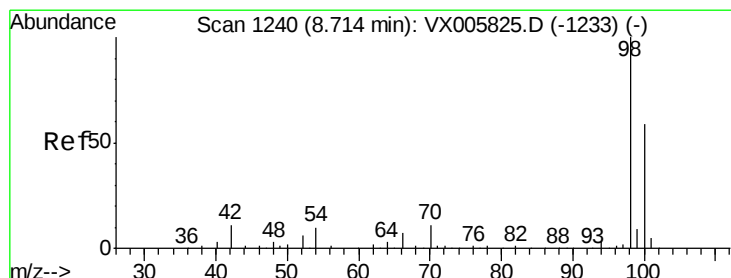
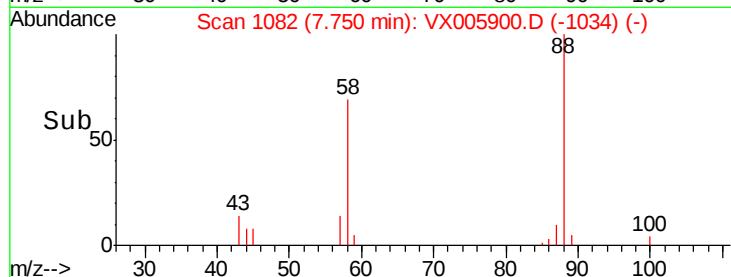
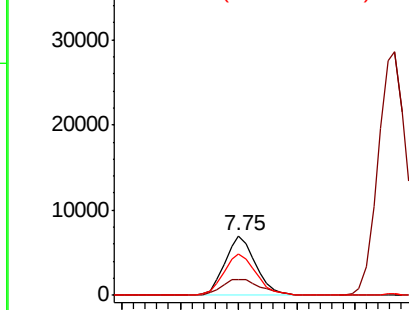
Tot Ion	Ratio	Lower	Upper
88	100		
43	35.0	27.4	41.0
58	73.5	59.4	89.2

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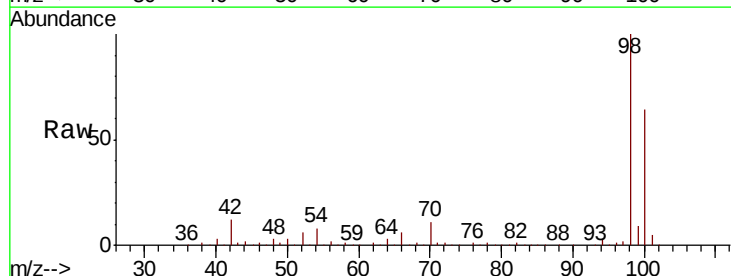


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

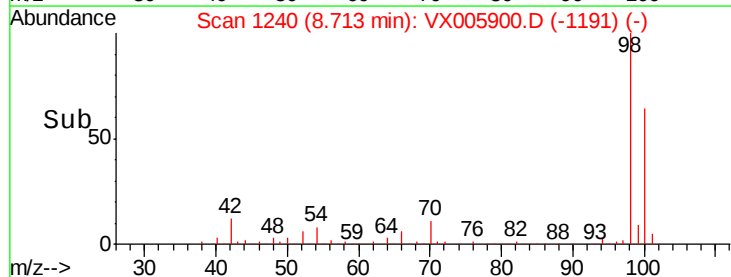
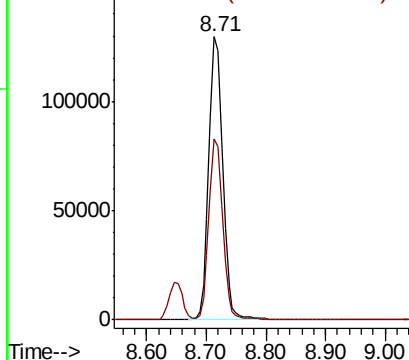


#50
Toluene-d8
Concen: 54.945 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.3	76.9



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





#51

4-Methyl-2-Pentanone

Concen: 104.002 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS01

Tot Ion: 43 Resp: 202841

Ion Ratio Lower Upper

43 100

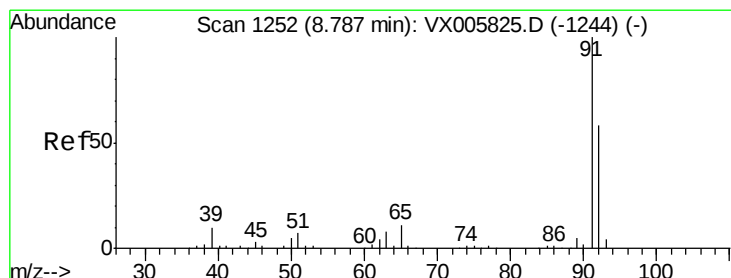
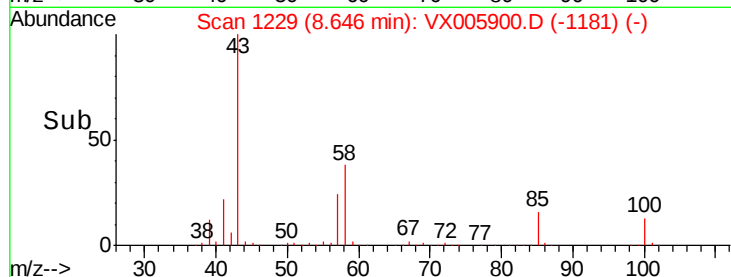
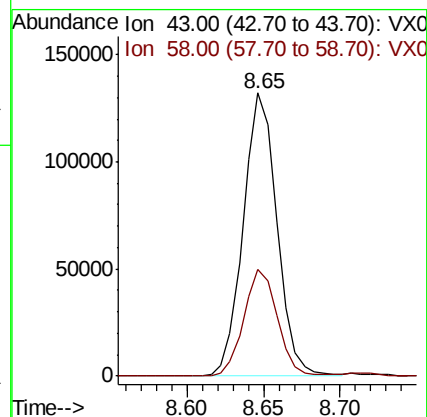
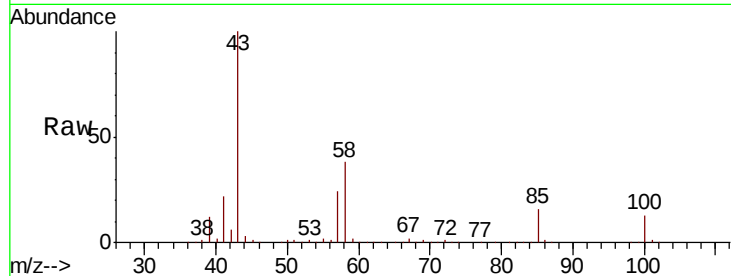
58 37.6 29.7 44.5

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#52

Toluene

Concen: 20.792 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005900.D

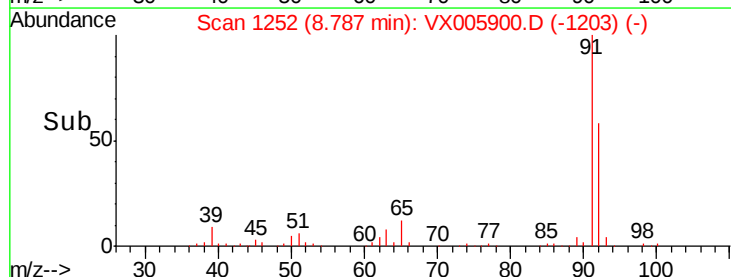
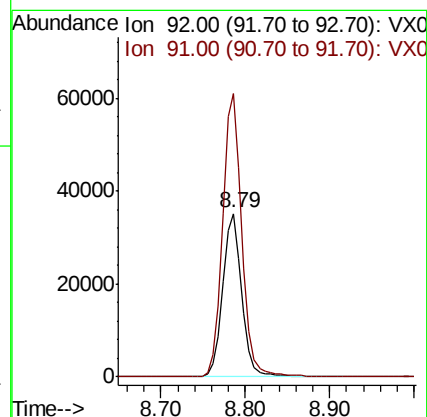
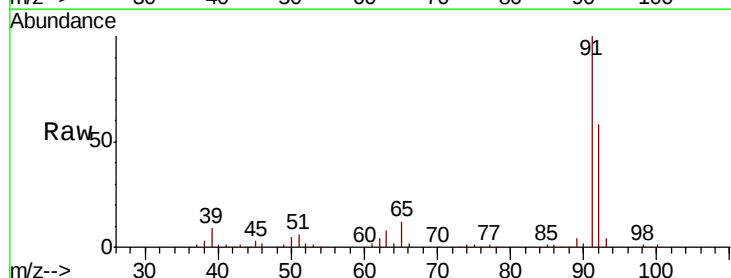
Acq: 12 Nov 2018 15:08

Tgt Ion: 92 Resp: 55017

Ion Ratio Lower Upper

92 100

91 174.5 140.4 210.6





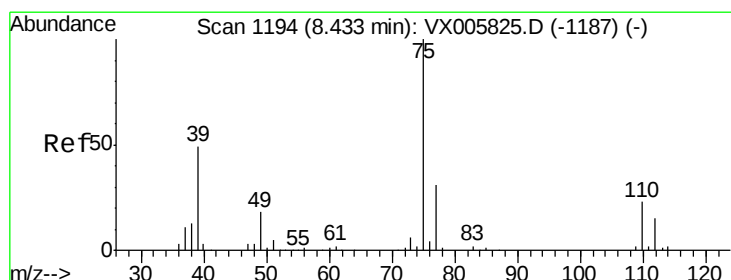
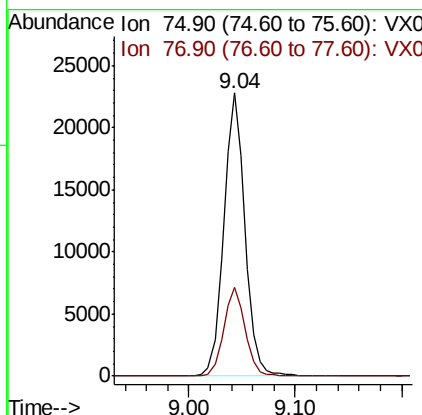
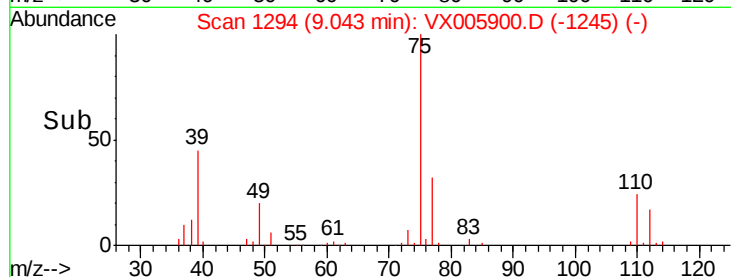
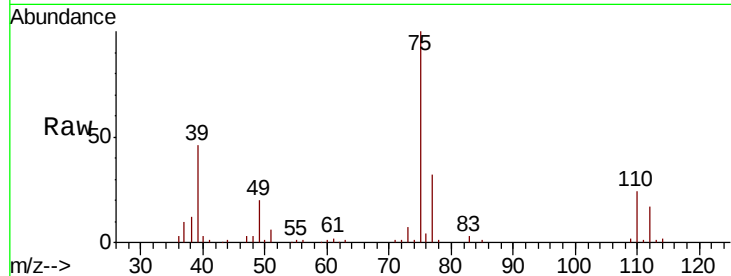
#53
t-1,3-Dichloropropene
Concen: 19.657 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion: 75 Resp: 31613
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

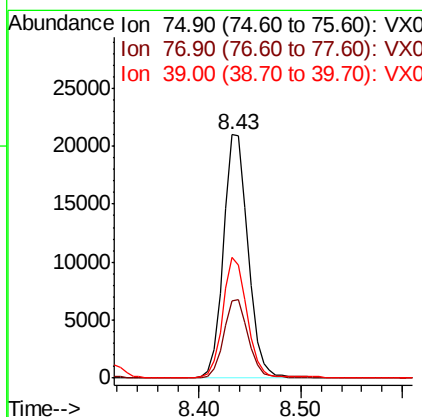
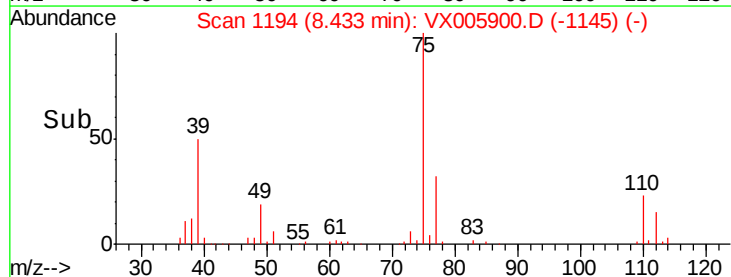
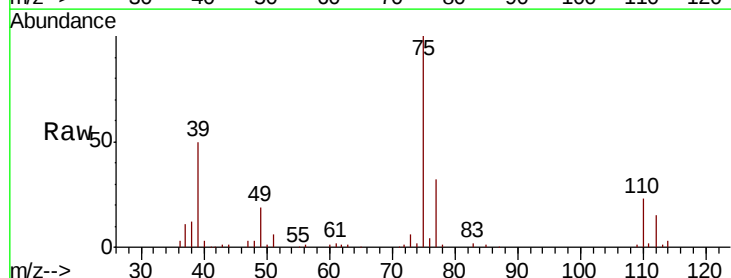
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#54
cis-1,3-Dichloropropene
Concen: 21.374 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Tgt Ion: 75 Resp: 35036
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 49.6 38.2 57.2





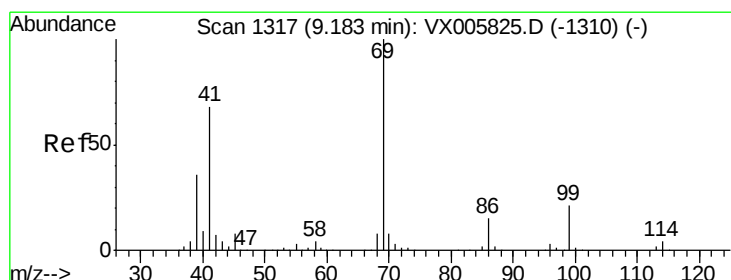
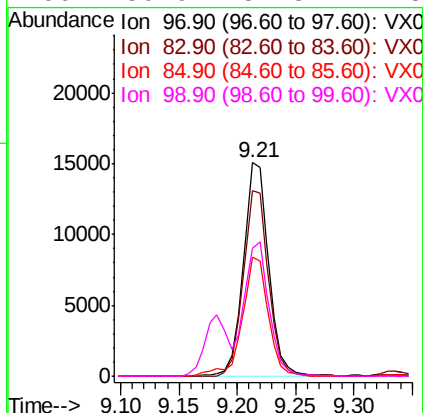
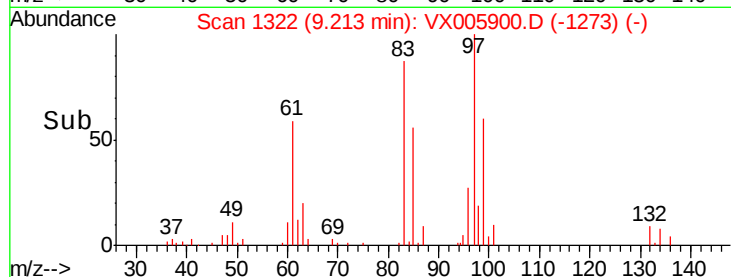
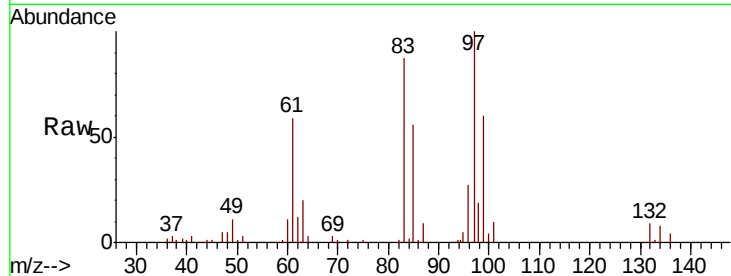
#55
 1,1,2-Trichloroethane
 Concen: 19.413 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005900.D
 Acq: 12 Nov 2018 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS01

Tot Ion:	97	Resp:	22893
Ion	Ratio	Lower	Upper
97	100		
83	86.8	70.7	106.1
85	55.9	45.8	68.6
99	59.9	51.8	77.8

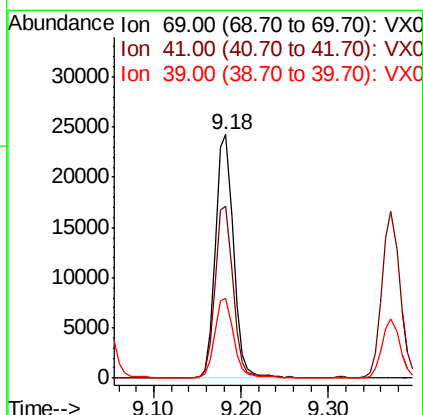
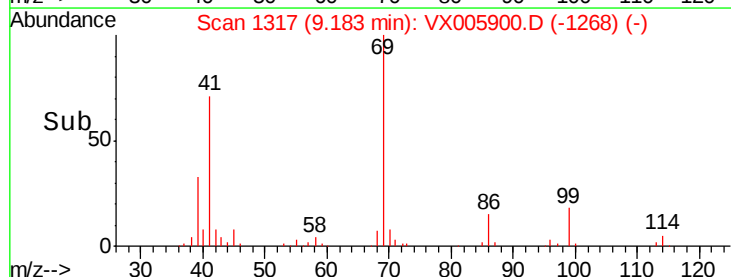
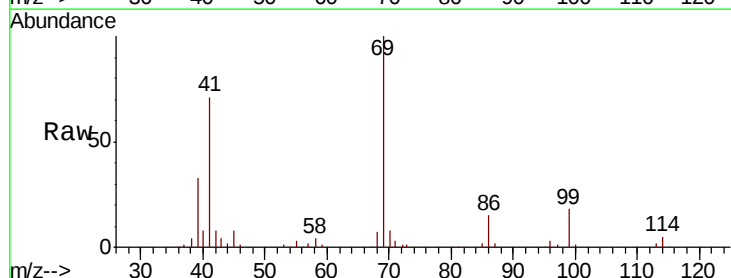
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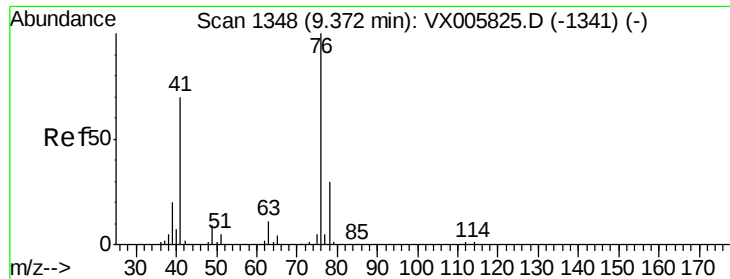
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#56
 Ethyl methacrylate
 Concen: 19.637 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005900.D
 Acq: 12 Nov 2018 15:08

Tgt Ion:	69	Resp:	34649
Ion	Ratio	Lower	Upper
69	100		
41	70.9	57.0	85.6
39	34.9	28.3	42.5





#57

1,3-Dichloropropane

Concen: 19.244 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS01

Tot Ion: 76 Resp: 38137

Ion Ratio Lower Upper

76 100

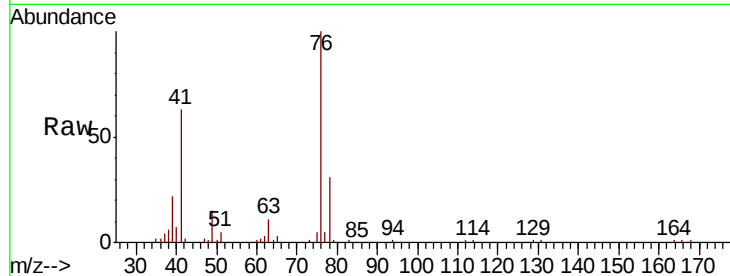
78 32.2 25.3 37.9

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

25000

20000

15000

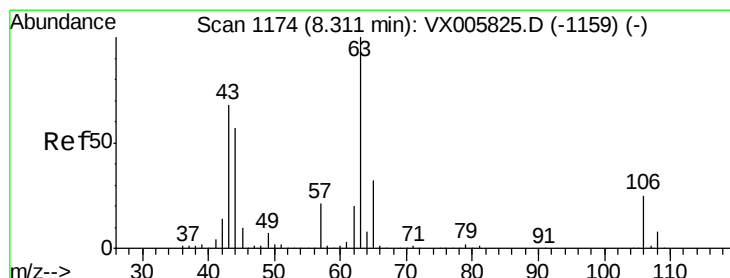
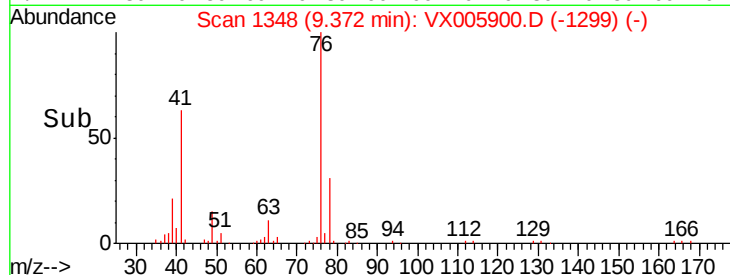
10000

5000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 112.497 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX005900.D

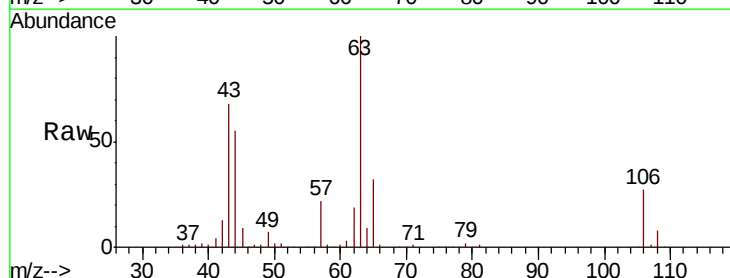
Acq: 12 Nov 2018 15:08

Tgt Ion: 63 Resp: 103637

Ion Ratio Lower Upper

63 100

106 26.8 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

60000

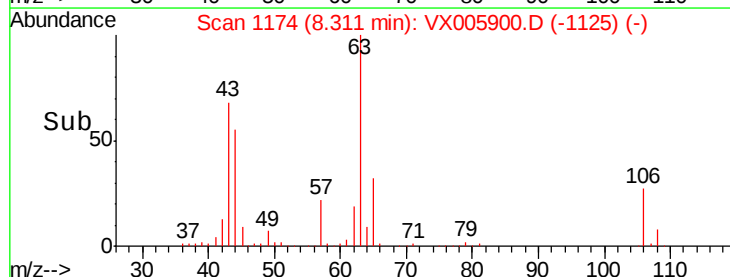
40000

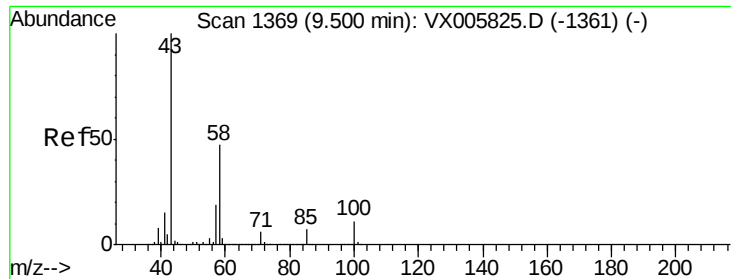
20000

0

8.20 8.30 8.40

Time-->





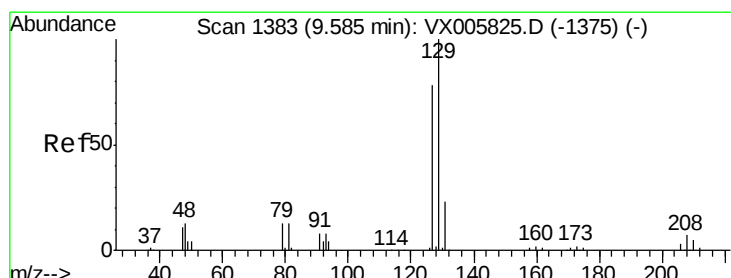
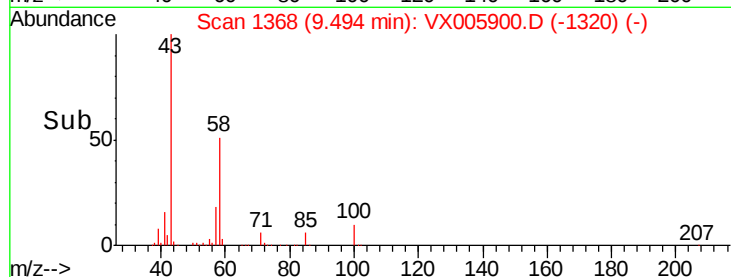
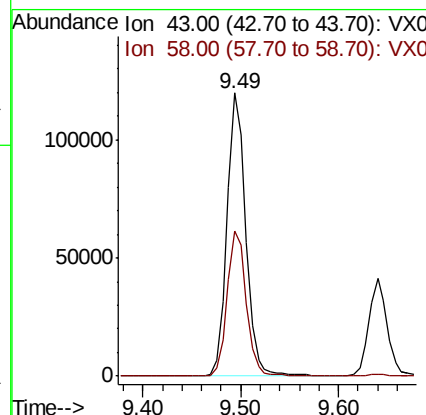
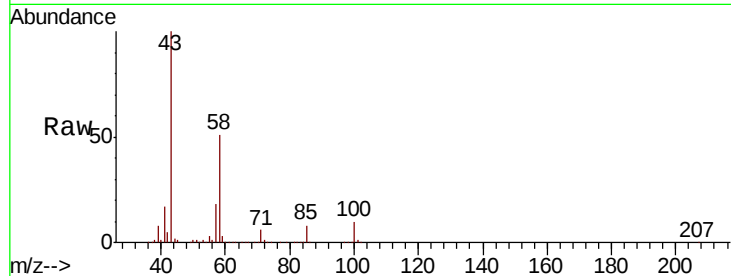
#59
2-Hexanone
Concen: 93.124 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion: 43 Resp: 160095
Ion Ratio Lower Upper
43 100
58 52.1 25.9 77.8

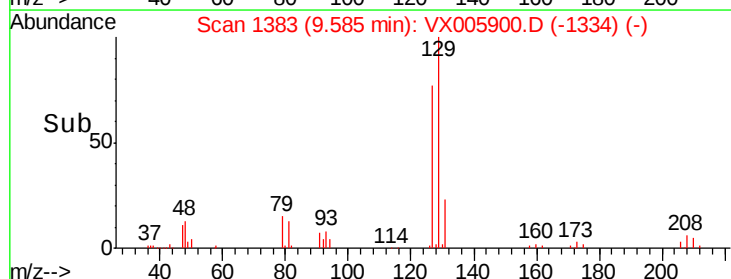
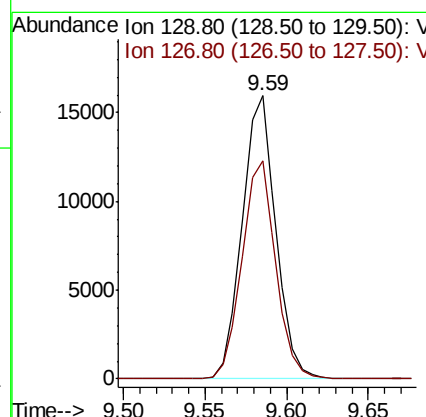
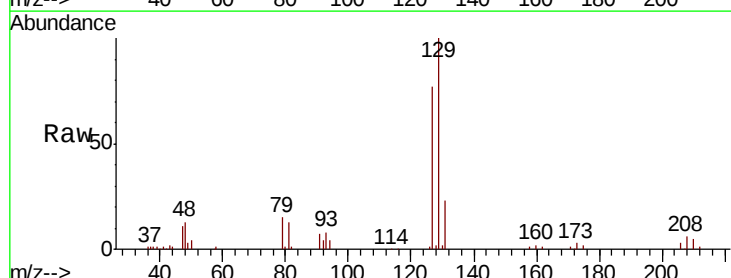
Manual Integrations
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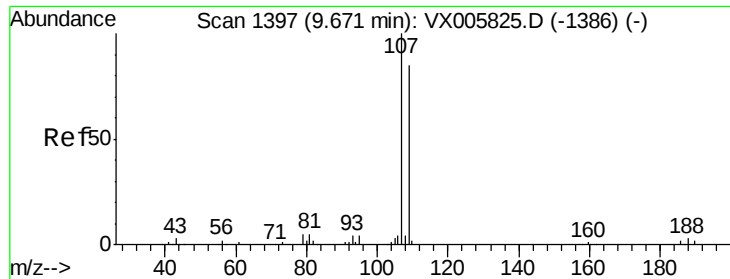
MMDadoda
11/13/2018 11:47:04 AM



#60
Dibromochloromethane
Concen: 17.921 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Tgt Ion:129 Resp: 22841
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.7





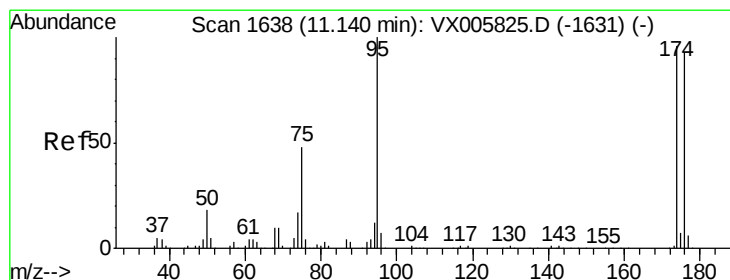
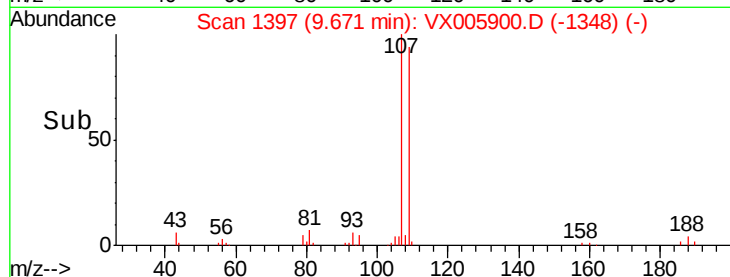
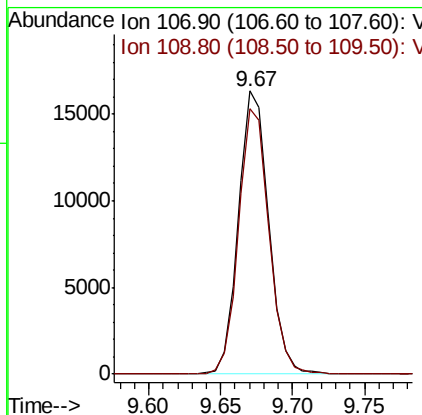
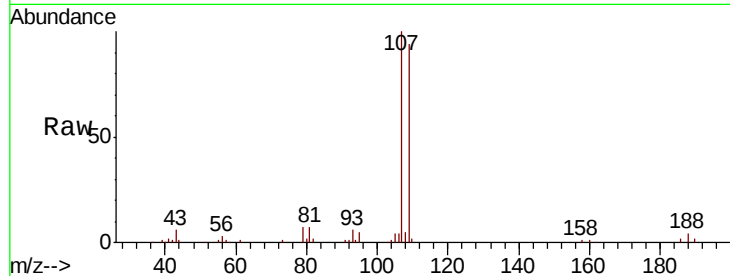
#61
 1,2-Dibromoethane
 Concen: 18.240 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX005900.D
 Acq: 12 Nov 2018 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS01

Tot Ion:107 Resp: 23785
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.7 113.5

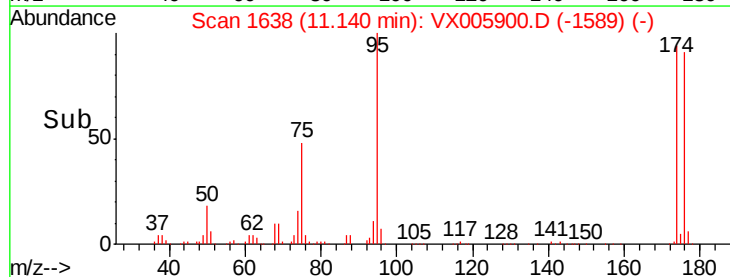
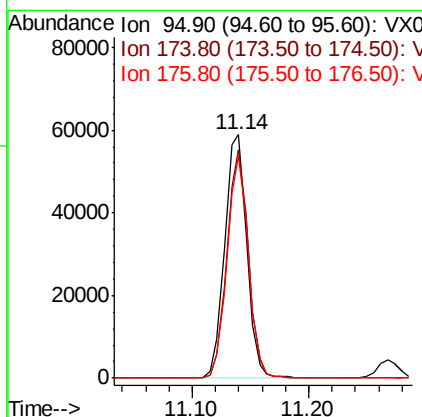
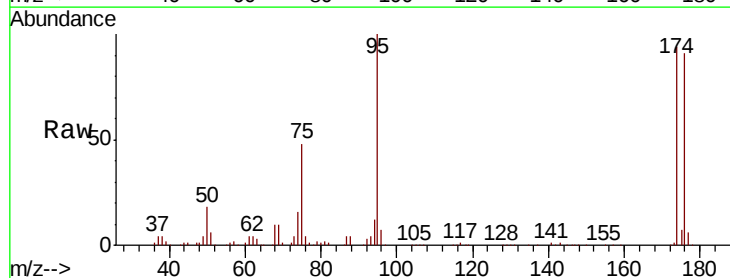
Manual Integrations
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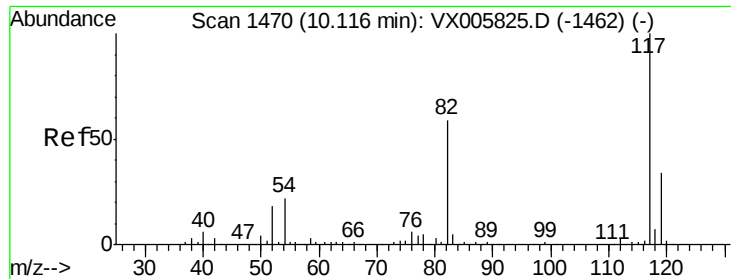
MMDadoda
 11/13/2018 11:47:04 AM



#62
 4-Bromofluorobenzene
 Concen: 56.592 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005900.D
 Acq: 12 Nov 2018 15:08

Tgt Ion: 95 Resp: 77510
 Ion Ratio Lower Upper
 95 100
 174 91.0 0.0 184.4
 176 88.5 0.0 177.4





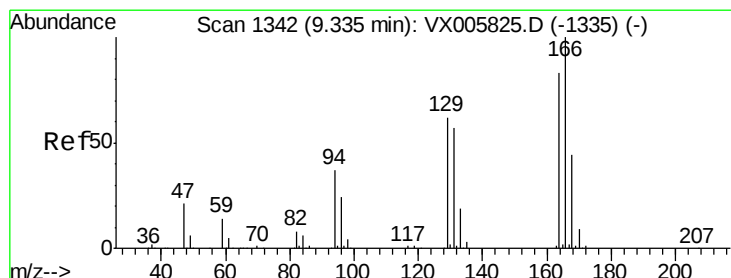
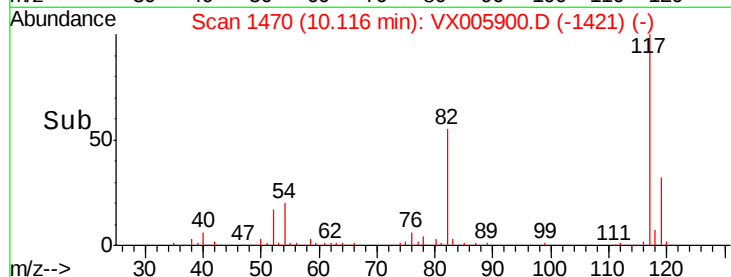
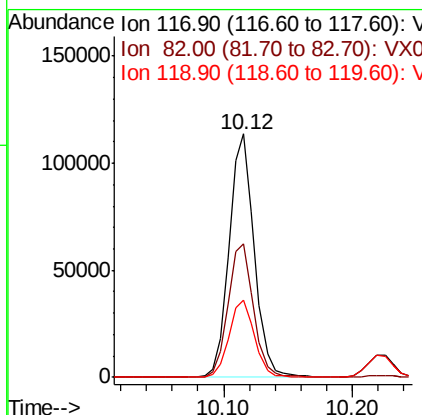
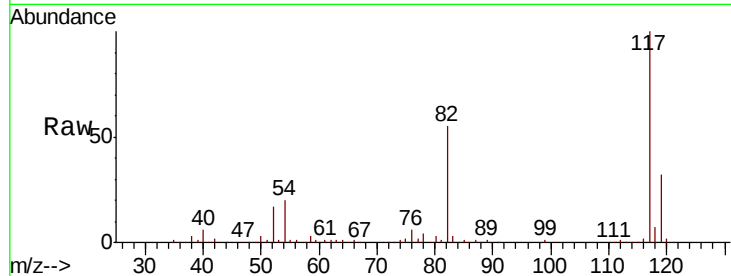
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.1	66.1
119	31.6	26.2	39.2

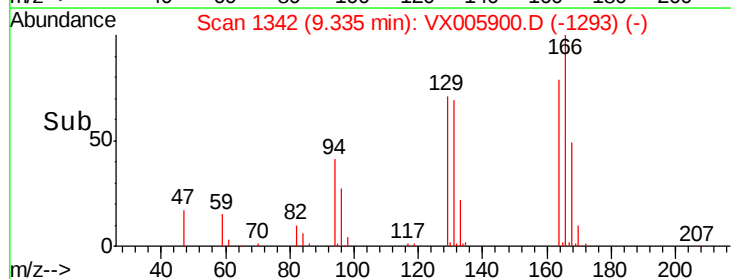
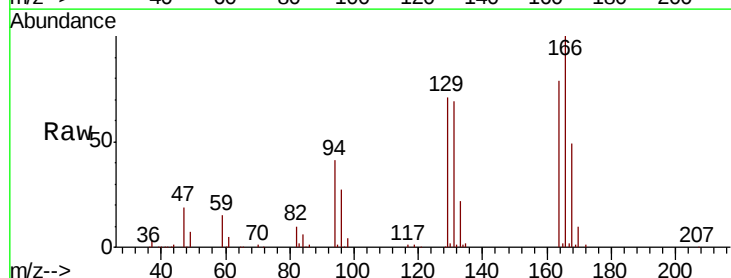
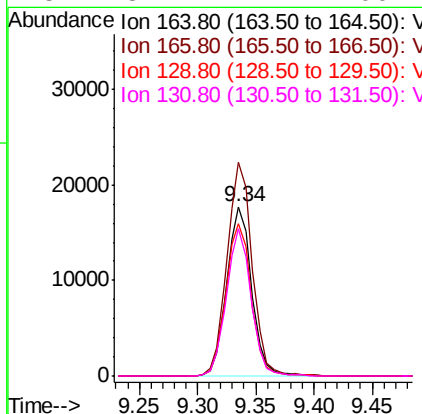
Manual Integrations
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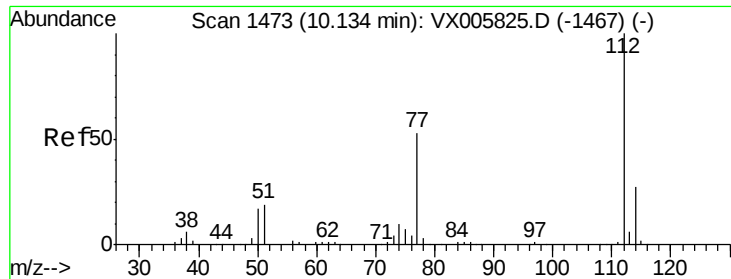
MMDadoda
11/13/2018 11:47:04 AM



#64
Tetrachloroethene
Concen: 19.894 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	101.9	152.9
129	90.0	72.6	109.0
131	87.2	71.1	106.7





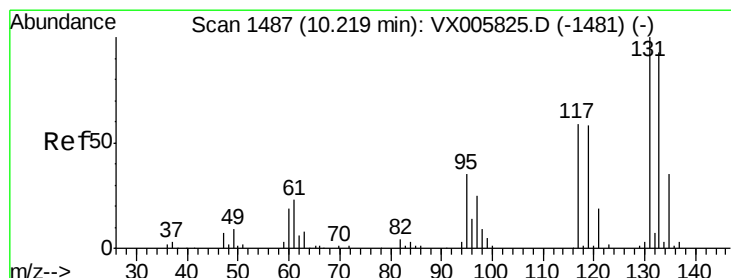
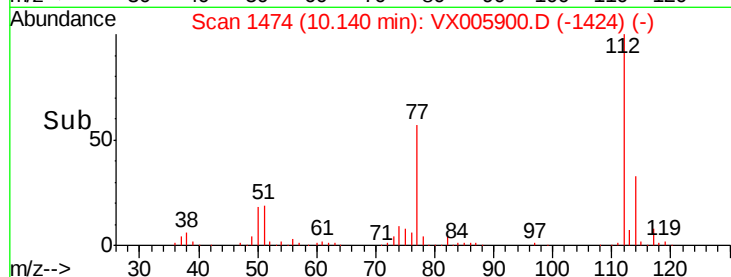
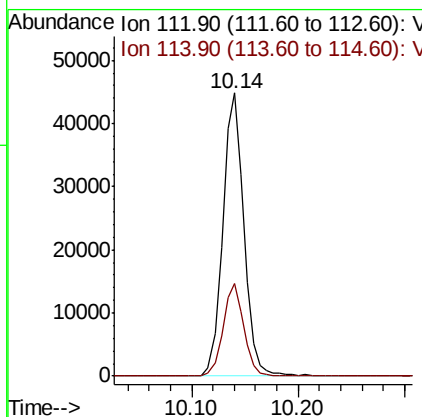
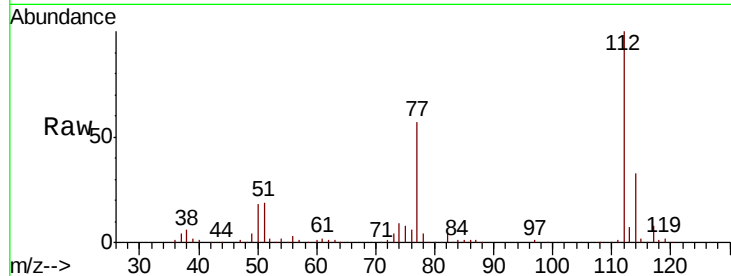
#65
Chlorobenzene
Concen: 19.860 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion:112 Resp: 61870
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

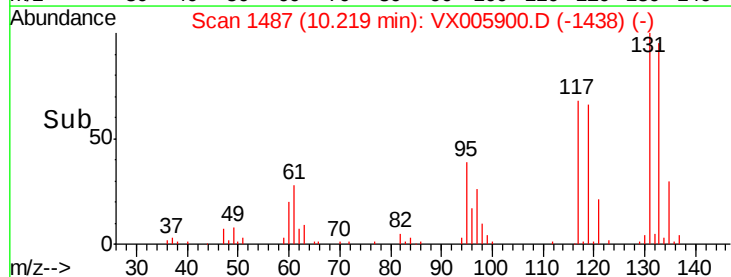
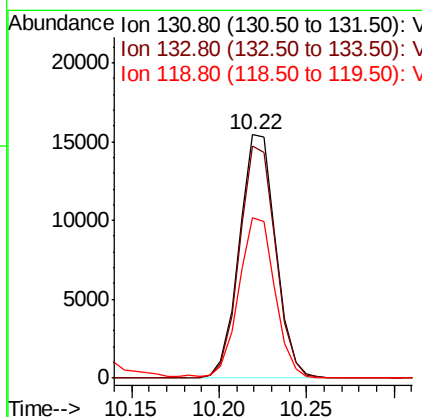
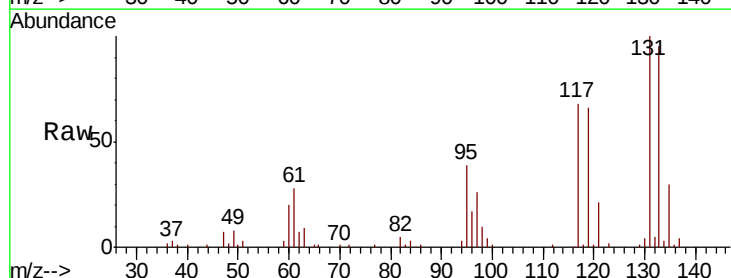
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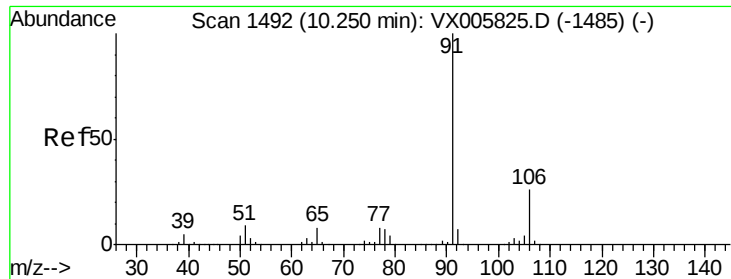
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.627 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Tgt Ion:131 Resp: 22341
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.5
119 65.1 31.8 95.3





#67

Ethyl Benzene

Concen: 20.839 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Instrument :

MSVOA_X

ClientSampled :

VX1112WBS01

Tot Ion: 91 Resp: 104103

Ion Ratio Lower Upper

91 100

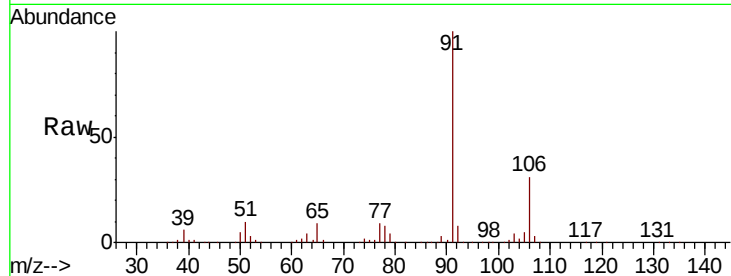
106 31.2 24.4 36.6

Manual Integrations

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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) (-)

100000

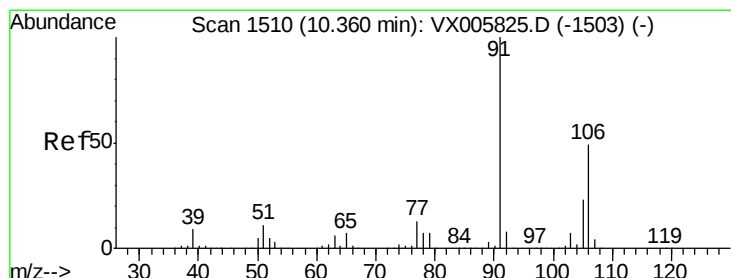
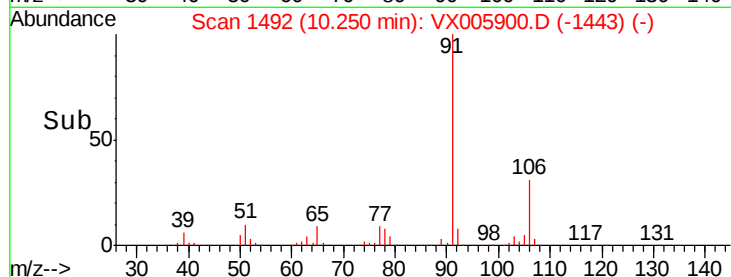
50000

0

10.25

10.30

Time-->



#68

m/p-Xylenes

Concen: 42.343 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005900.D

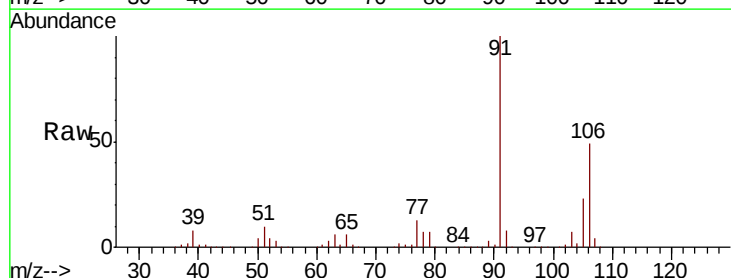
Acq: 12 Nov 2018 15:08

Tgt Ion: 106 Resp: 80684

Ion Ratio Lower Upper

106 100

91 205.3 164.2 246.4



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

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

100000

50000

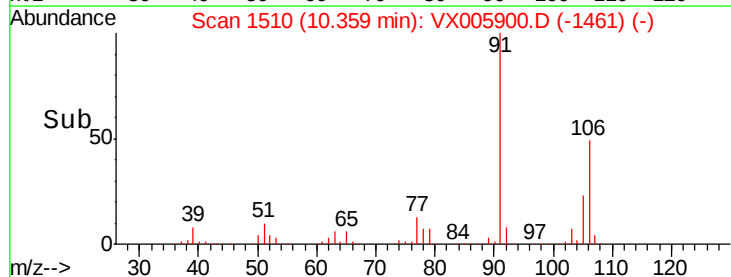
0

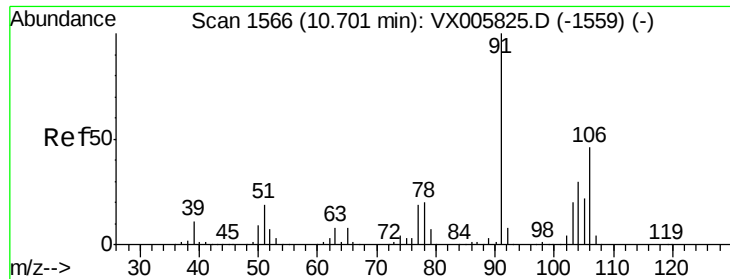
10.36

10.40

10.50

Time-->





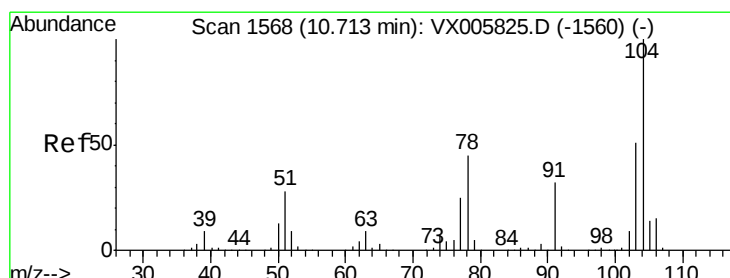
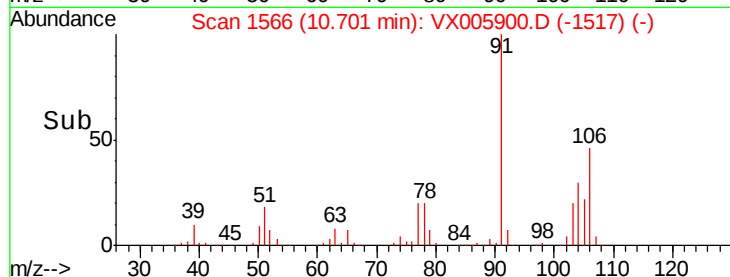
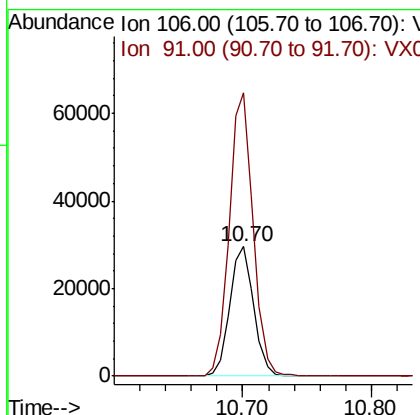
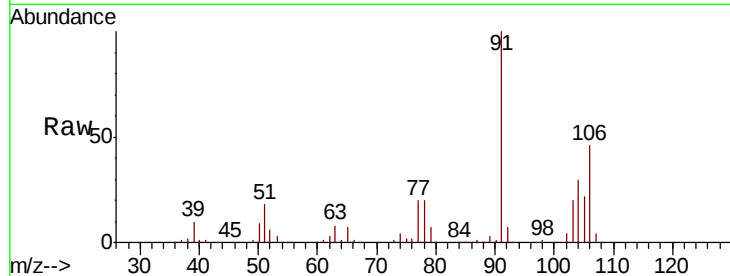
#69
o-Xylene
Concen: 22.599 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion:106 Resp: 38614
Ion Ratio Lower Upper
106 100
91 217.0 108.5 325.5

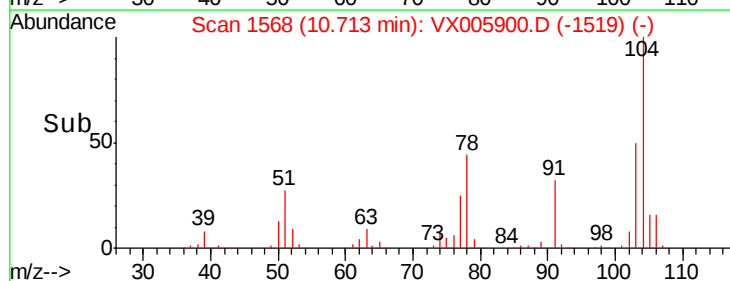
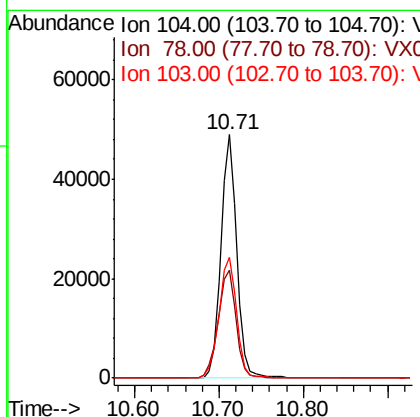
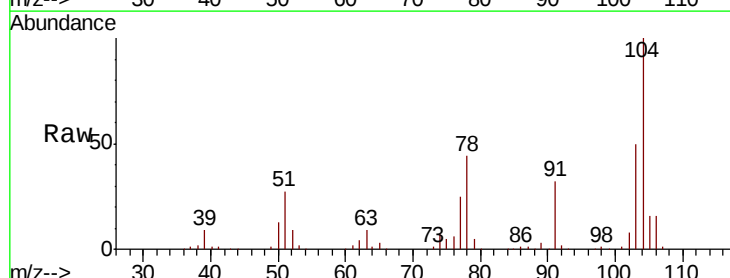
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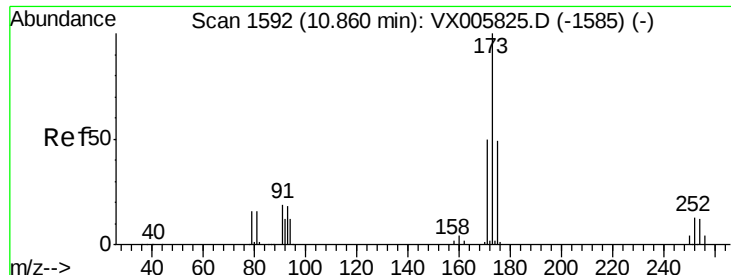
MMDadoda
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#70
Styrene
Concen: 22.710 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Tgt Ion:104 Resp: 64012
Ion Ratio Lower Upper
104 100
78 50.4 40.2 60.4
103 55.1 44.9 67.3





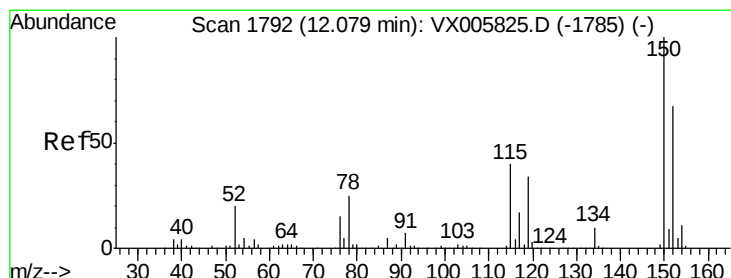
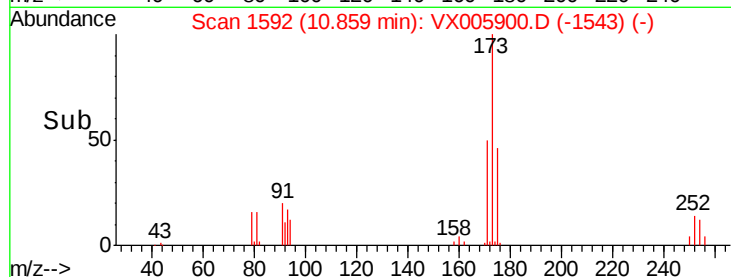
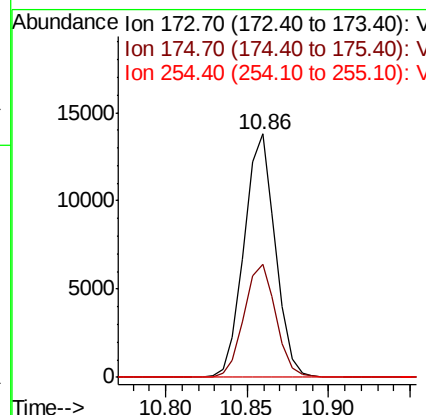
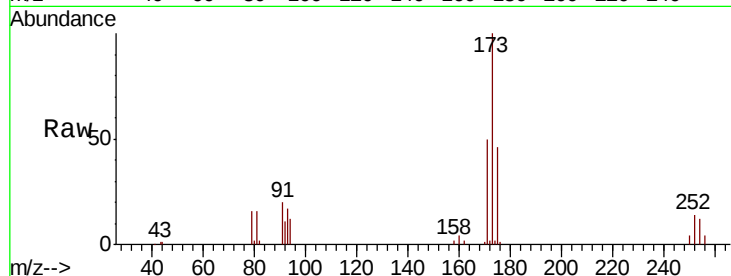
#71
Bromoform
Concen: 20.264 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.2	24.8	74.3
254	0.0	0.2	0.2

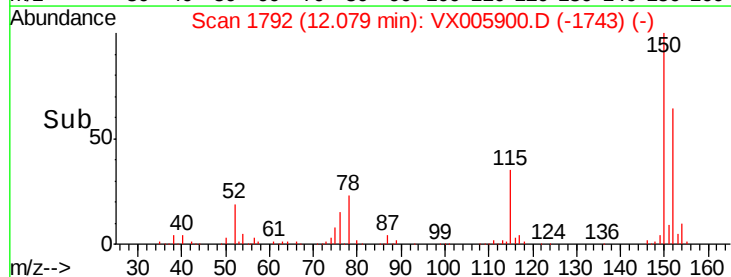
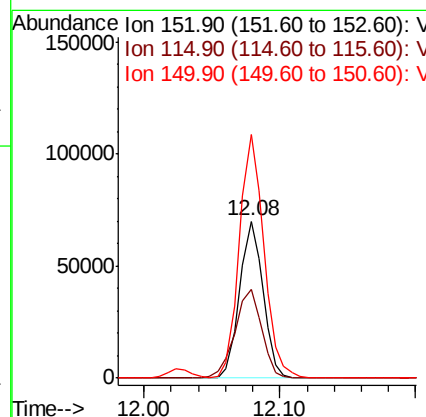
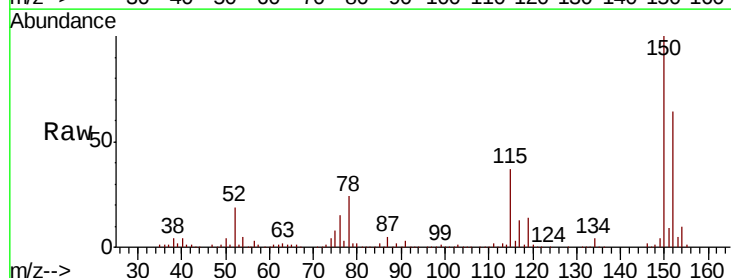
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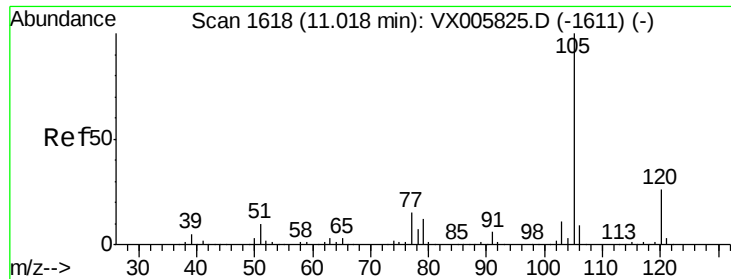
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.2	39.4	118.1
150	162.4	0.0	346.4





#73

Isopropylbenzene

Concen: 21.722 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS01

Tot Ion: 105 Resp: 106091

Ion Ratio Lower Upper

105 100

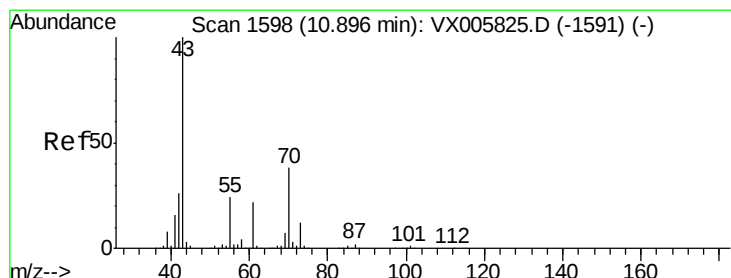
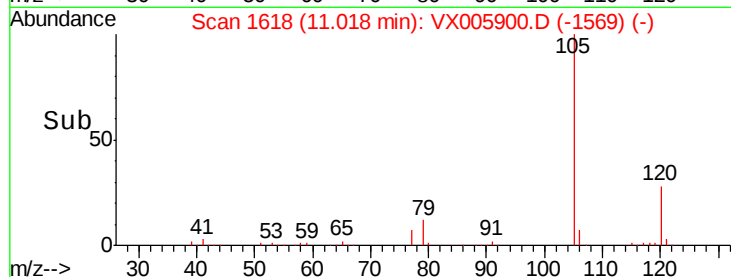
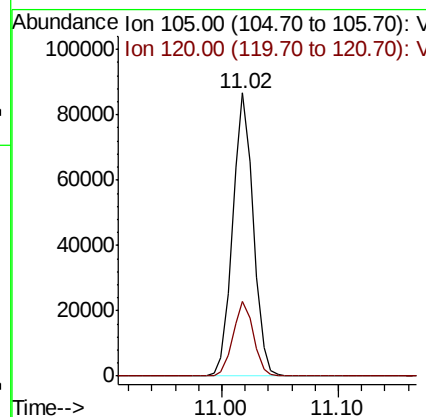
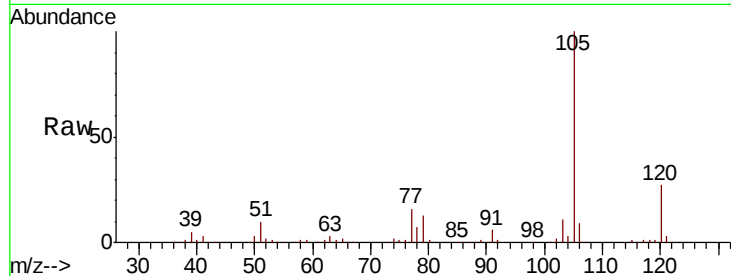
120 26.3 13.1 39.3

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#74

N-ethyl acetate

Concen: 19.221 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Tgt Ion: 43 Resp: 50510

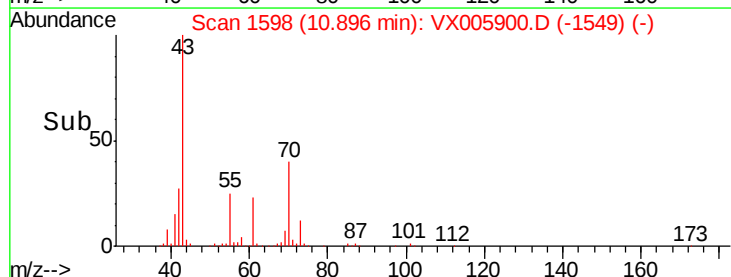
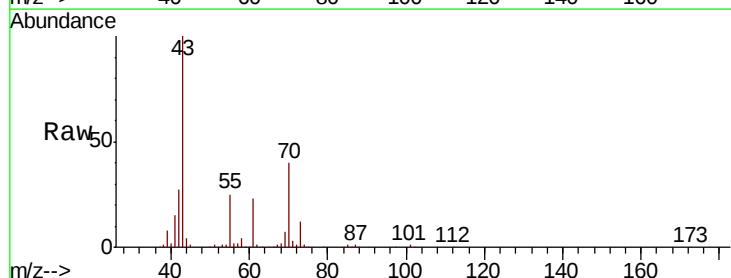
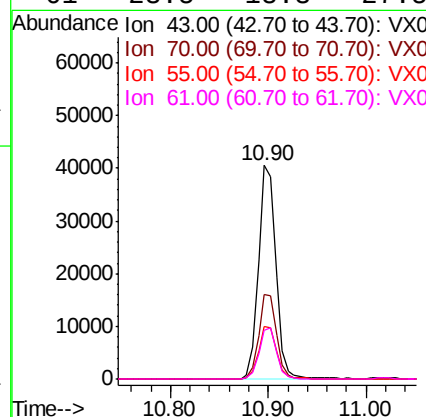
Ion Ratio Lower Upper

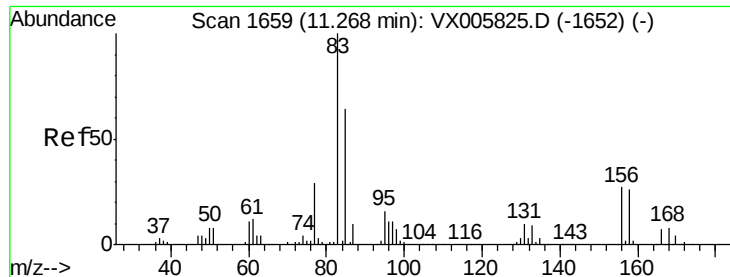
43 100

70 39.9 31.6 47.4

55 25.1 19.7 29.5

61 23.5 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.200 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Instrument :

MSVOA_X

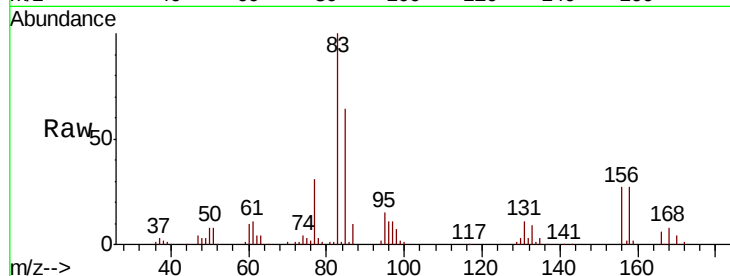
ClientSampleId :

VX1112WBS01

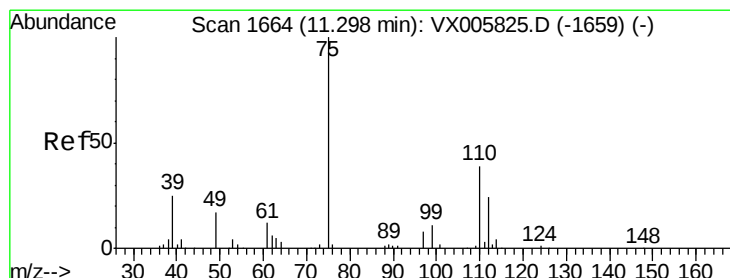
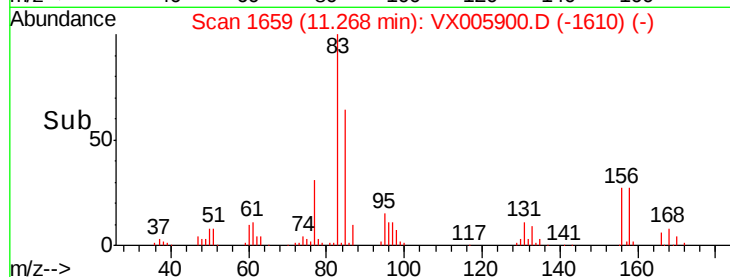
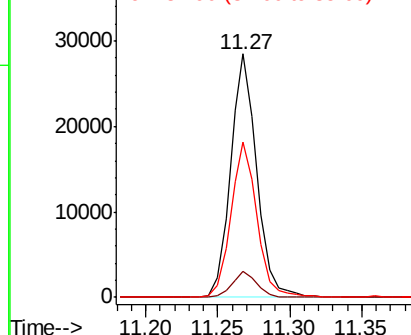
Tot Ion:	83	Resp:	36211
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	15.9
85	63.9	32.0	96.2

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



#76

1,2,3-Trichloropropane

Concen: 20.356 ug/l m

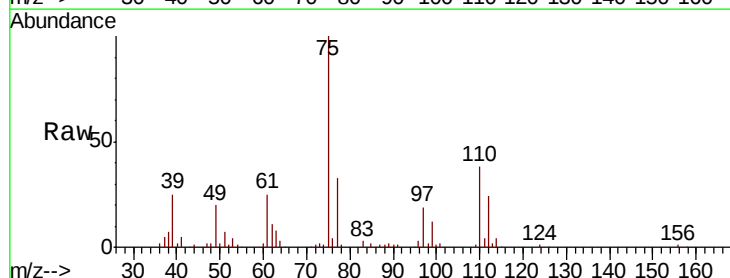
RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

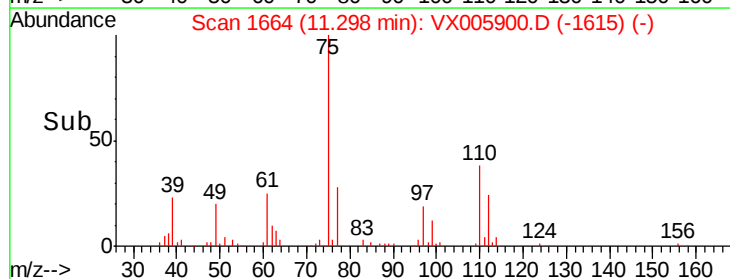
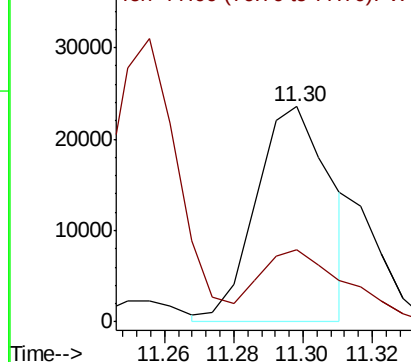
Lab File: VX005900.D

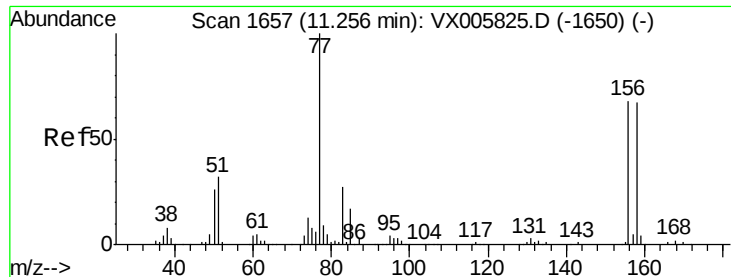
Acq: 12 Nov 2018 15:08

Tgt Ion:	75	Resp:	35007
Ion Ratio	Lower	Upper	
75	100		
77	39.5	20.5	61.6



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





#77

Bromobenzene

Concen: 20.487 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Instrument :

MSVOA_X

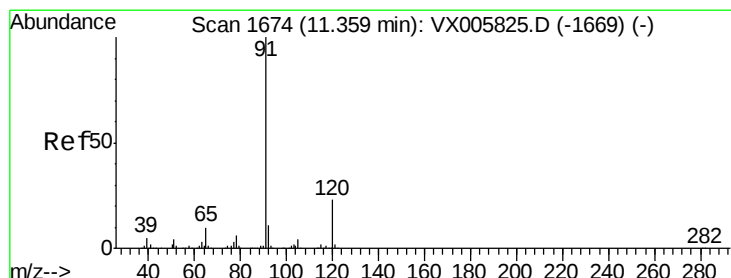
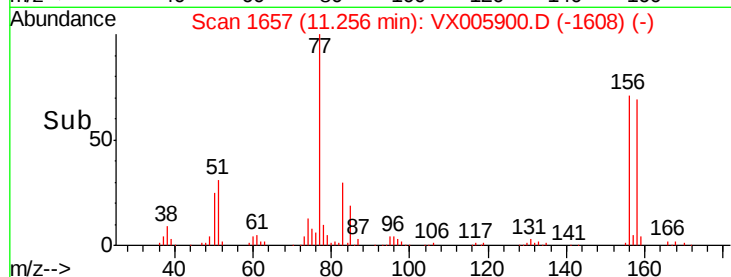
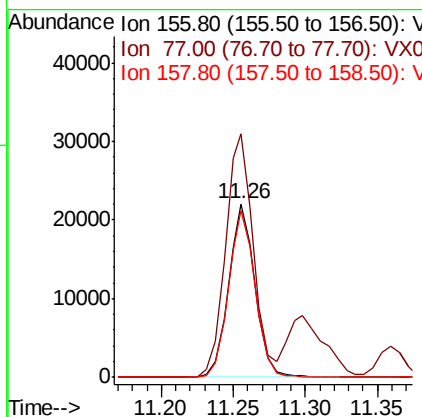
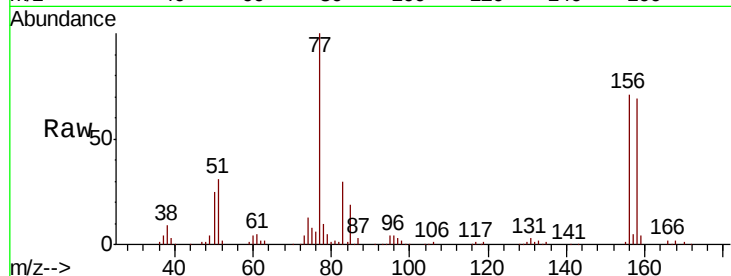
ClientSampleId :

VX1112WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	148.6	74.8	224.4
158	97.4	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 21.103 ug/l

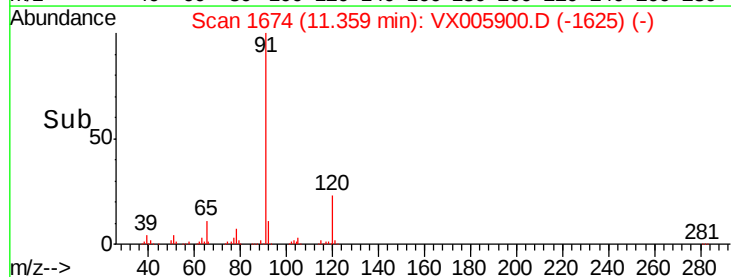
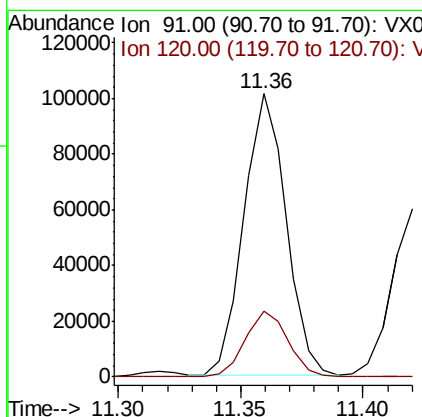
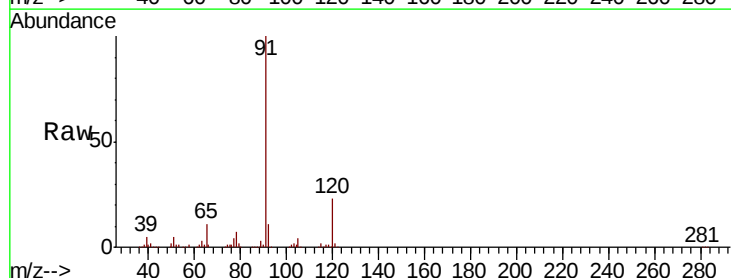
RT: 11.36 min Scan# 1674

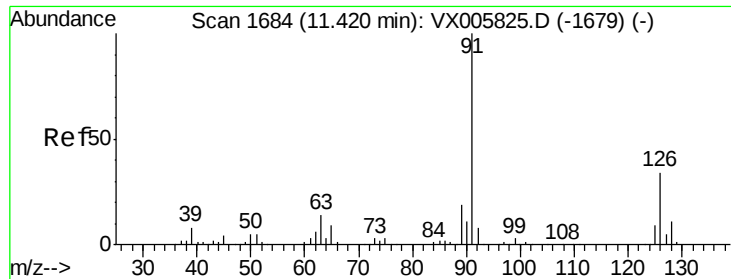
Delta R.T. -0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.9	35.5





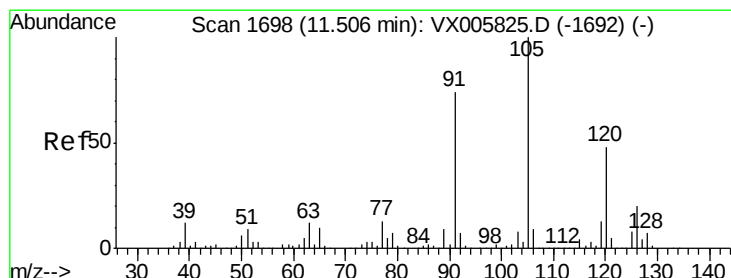
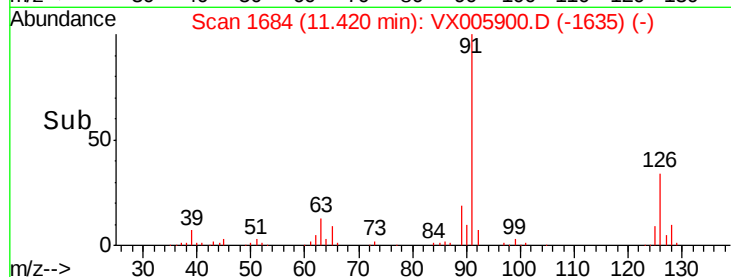
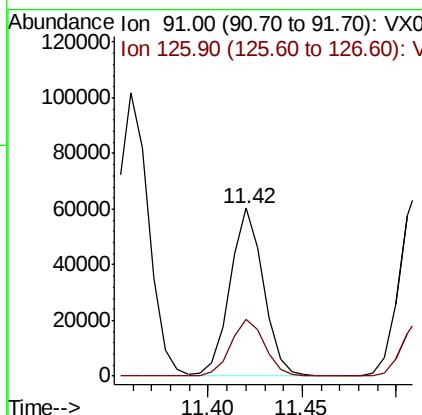
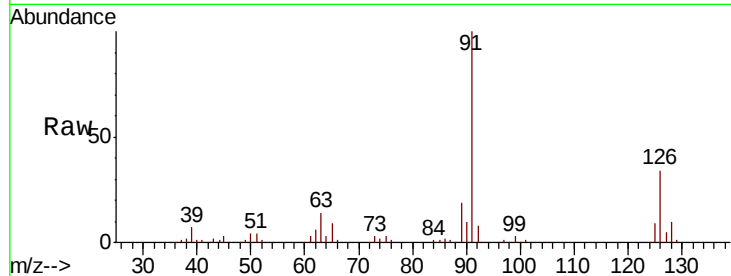
#79
 2-Chlorotoluene
 Concen: 21.077 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005900.D
 Acq: 12 Nov 2018 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS01

Tot Ion: 91 Resp: 73329
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.3 52.0

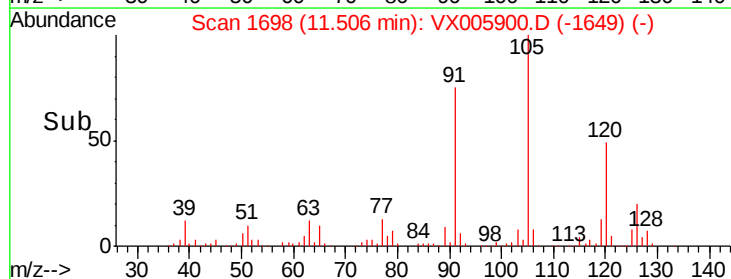
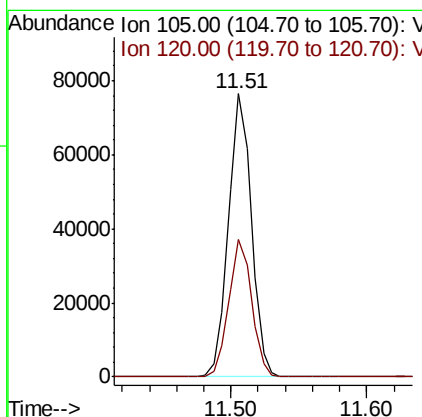
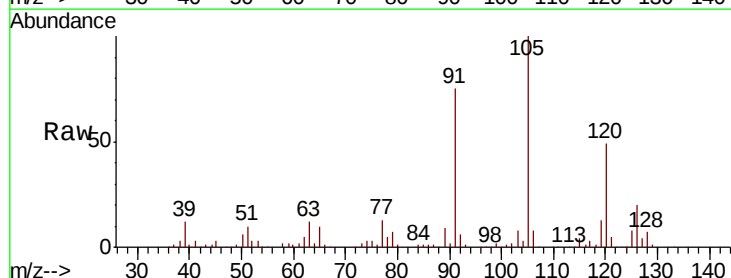
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.656 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005900.D
 Acq: 12 Nov 2018 15:08

Tgt Ion: 105 Resp: 89879
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.2





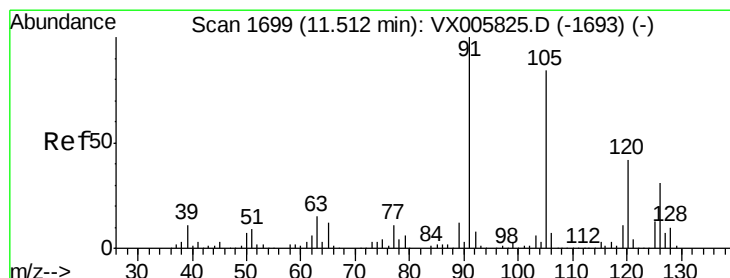
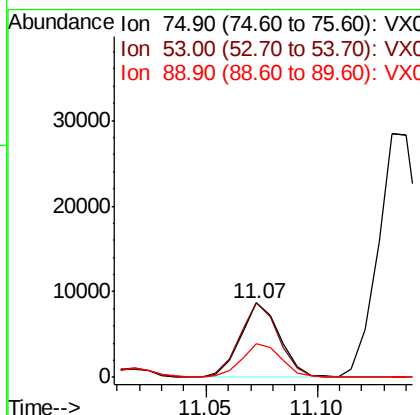
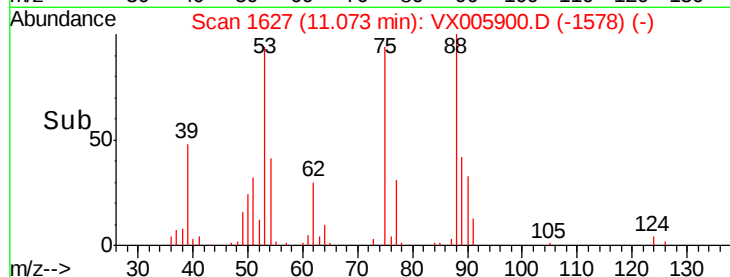
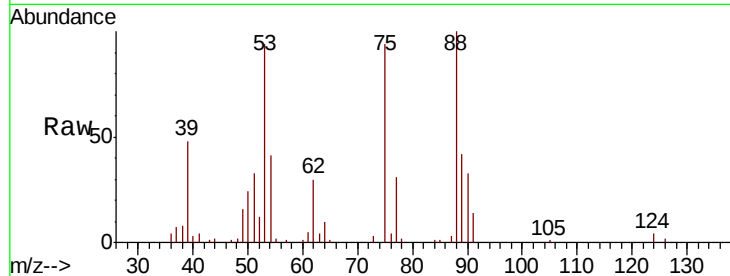
#81
trans-1,4-Dichloro-2-butene
Concen: 19.843 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.0	80.2	120.2
89	45.8	39.8	59.8

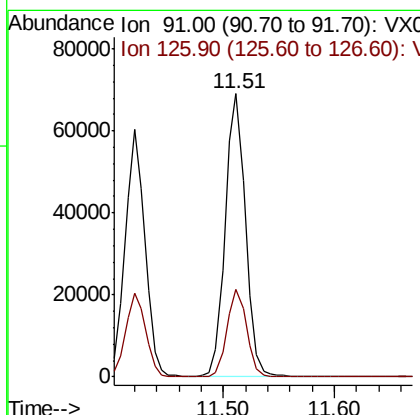
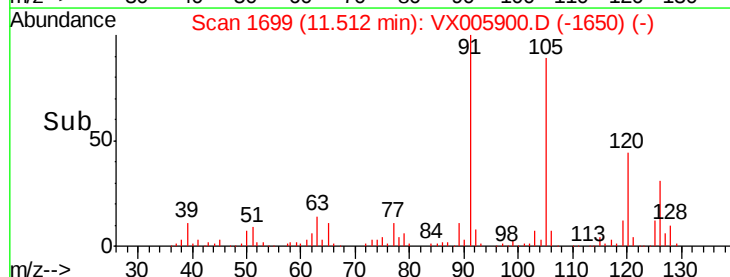
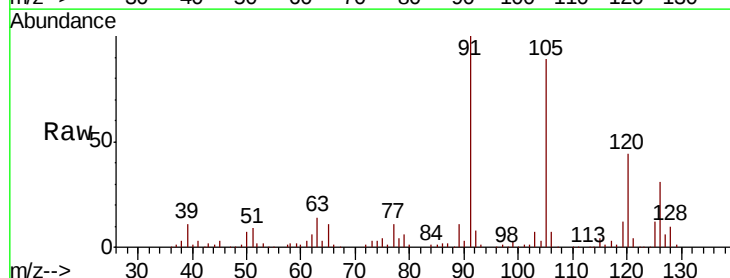
Manual Integrations
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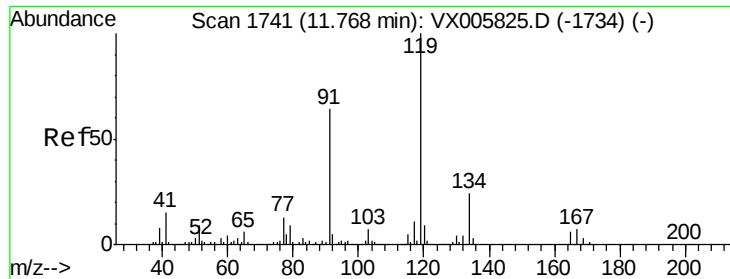
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#82
4-Chlorotoluene
Concen: 21.189 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	15.2	45.6





#83

tert-Butylbenzene

Concen: 20.728 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Instrument :

MSVOA_X

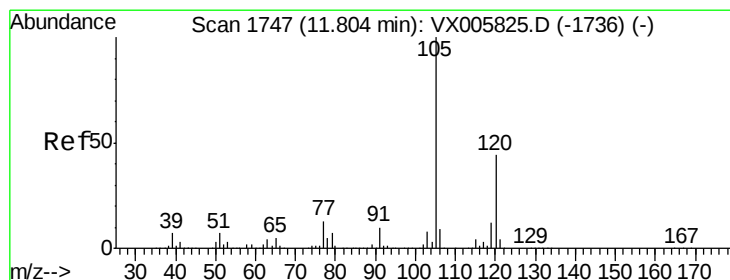
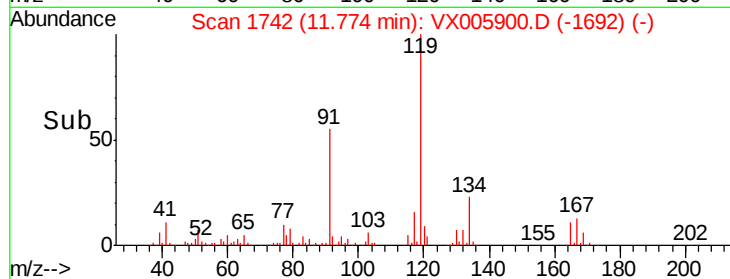
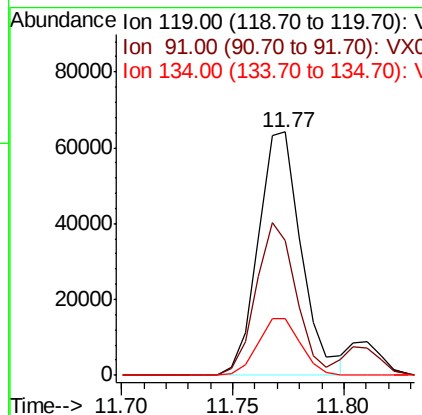
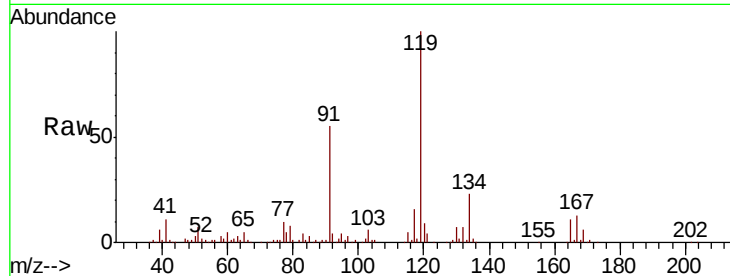
ClientSampleId :

VX1112WBS01

Tot Ion:	119	Resp:	87033
Ion Ratio	Lower	Upper	
119	100		
91	58.0	28.5	85.5
134	23.1	11.3	33.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.145 ug/l

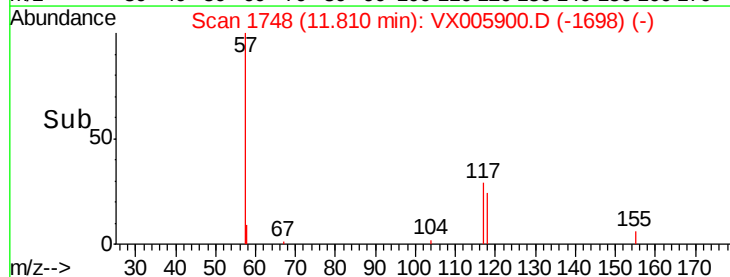
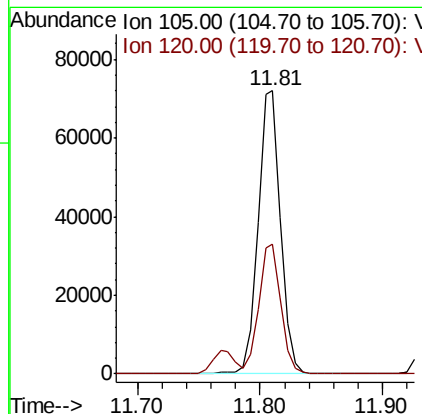
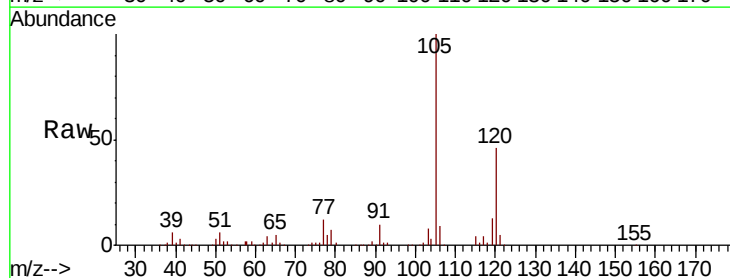
RT: 11.81 min Scan# 1748

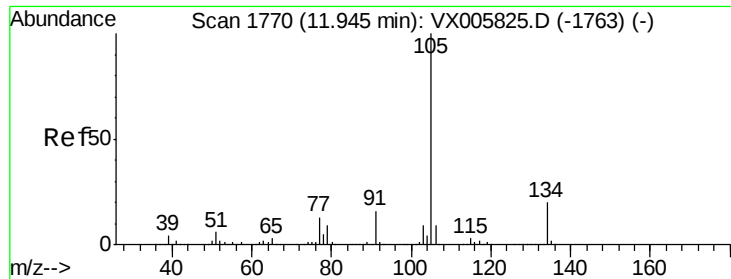
Delta R.T. 0.01 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Tgt Ion:	105	Resp:	92596
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.4	67.0





#85

sec-Butylbenzene

Concen: 20.924 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS01

Tot Ion:105 Resp: 107436

Ion Ratio Lower Upper

105 100

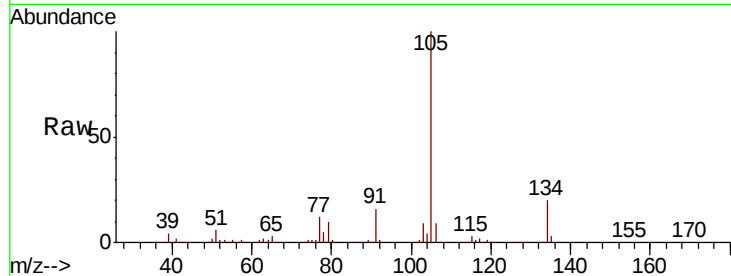
134 20.3 10.2 30.4

Manual Integrations

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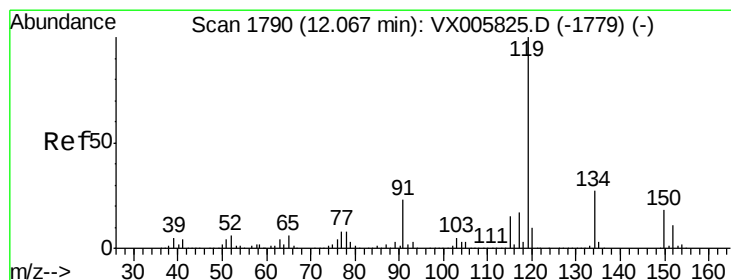
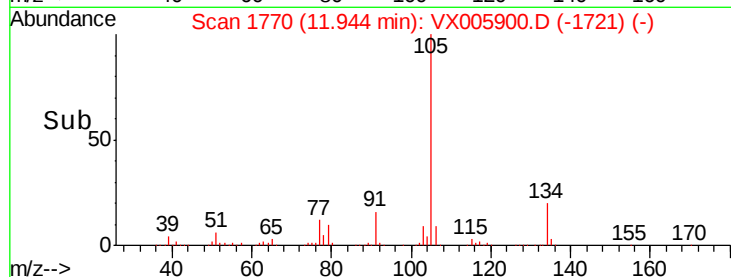
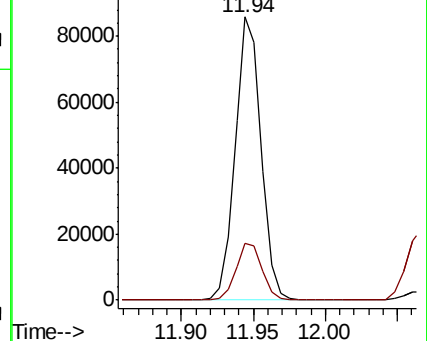
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.235 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

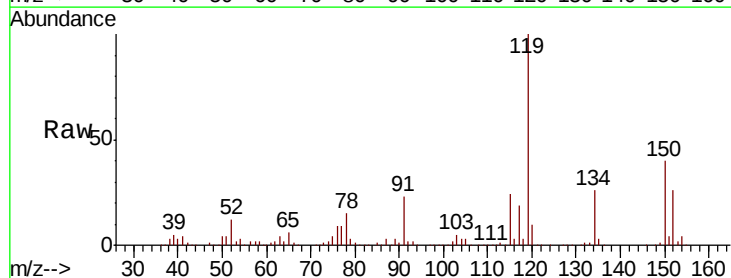
Tgt Ion:119 Resp: 96577

Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

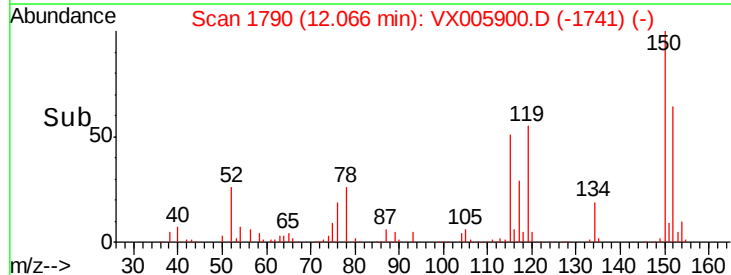
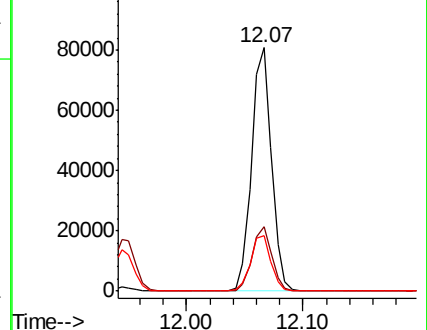
91 23.5 11.4 34.2

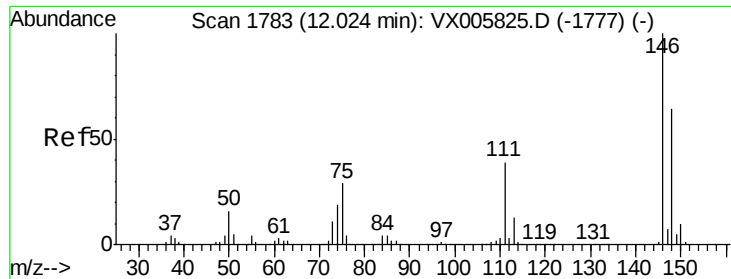


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





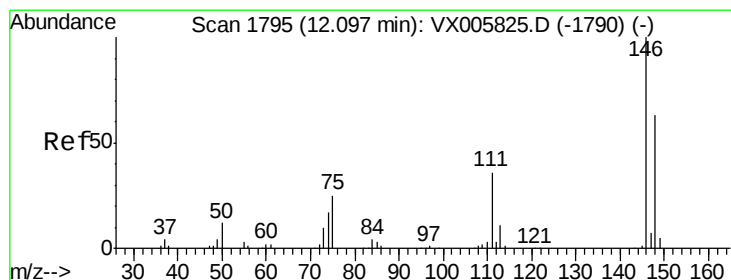
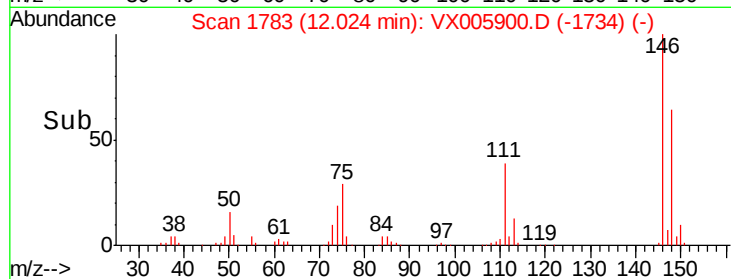
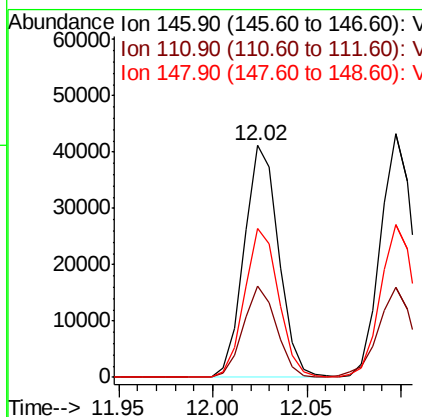
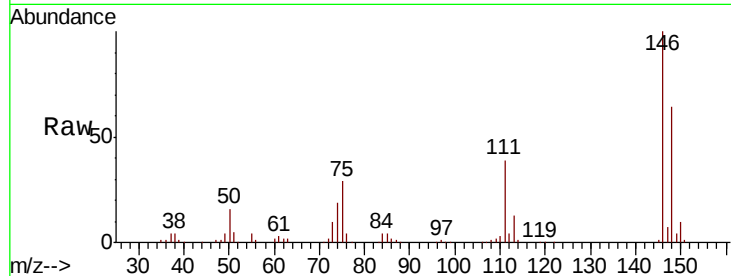
#87
 1,3-Dichlorobenzene
 Concen: 19.813 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005900.D
 Acq: 12 Nov 2018 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.0	57.0
148	63.6	31.9	95.9

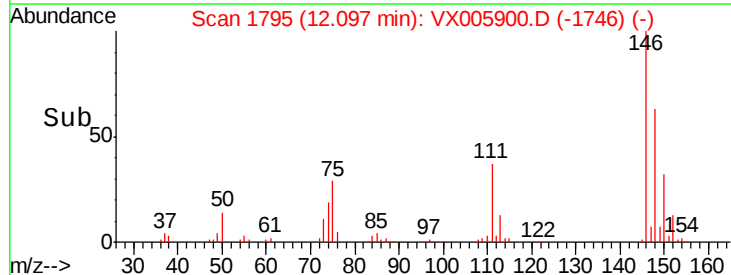
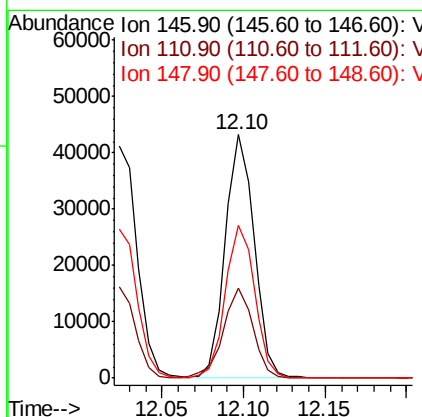
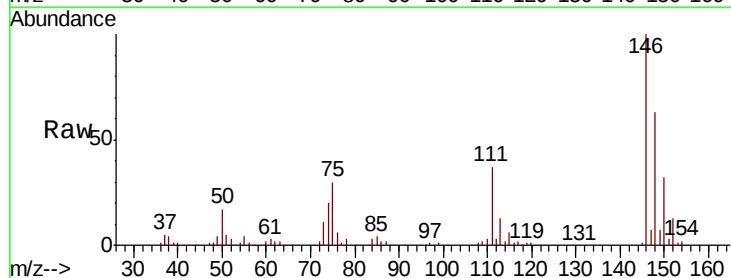
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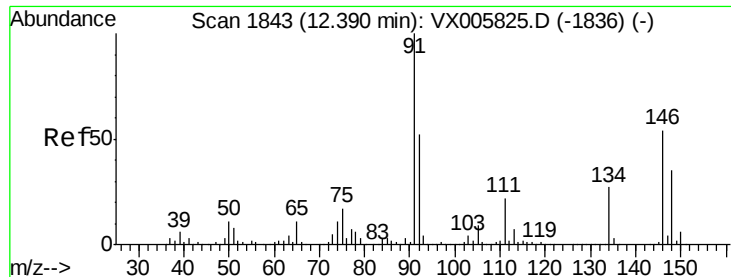
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#88
 1,4-Dichlorobenzene
 Concen: 19.767 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005900.D
 Acq: 12 Nov 2018 15:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.6	55.8
148	63.9	32.1	96.3





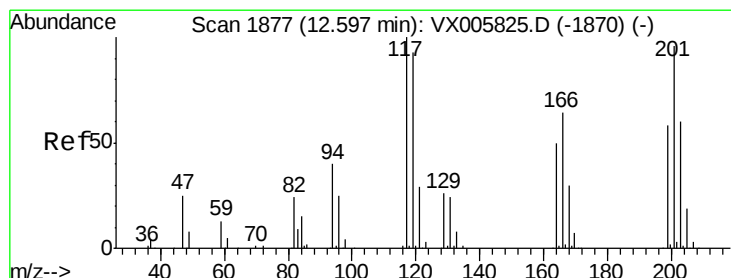
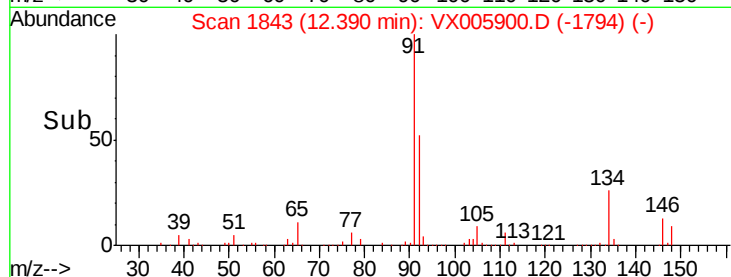
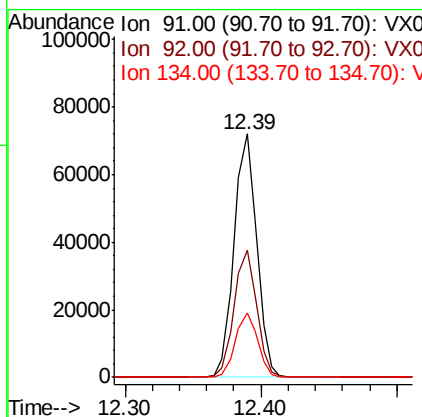
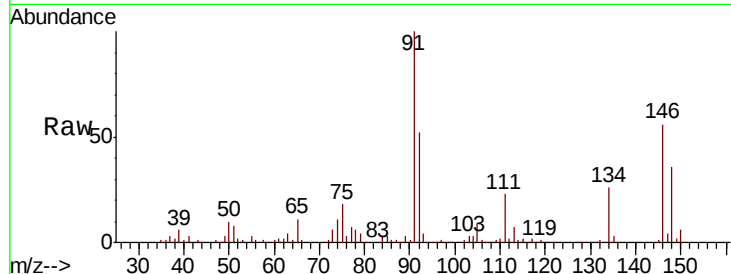
#89
n-Butylbenzene
Concen: 19.922 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.1	78.2
134	26.1	13.1	39.3

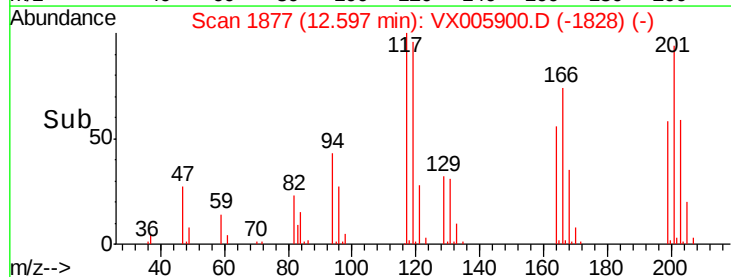
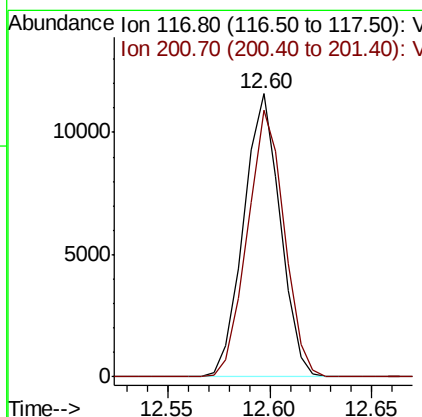
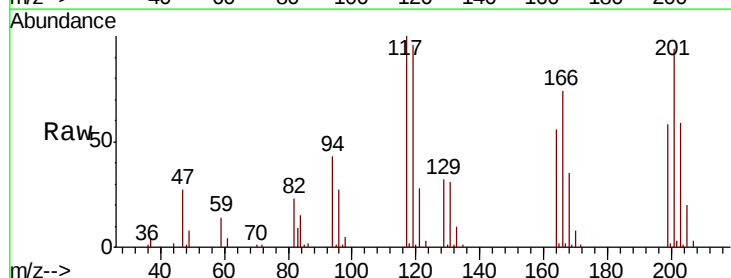
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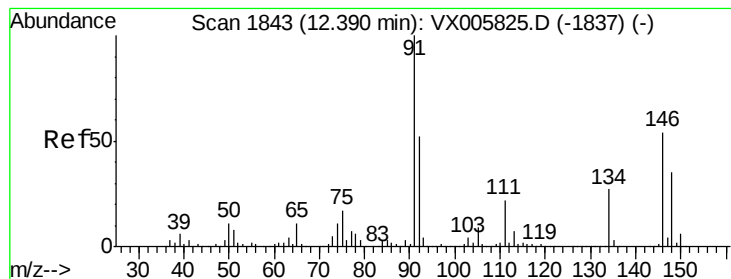
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#90
Hexachloroethane
Concen: 18.992 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.3	47.9	143.6





#91

1,2-Dichlorobenzene

Concen: 19.655 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Instrument :

MSVOA_X

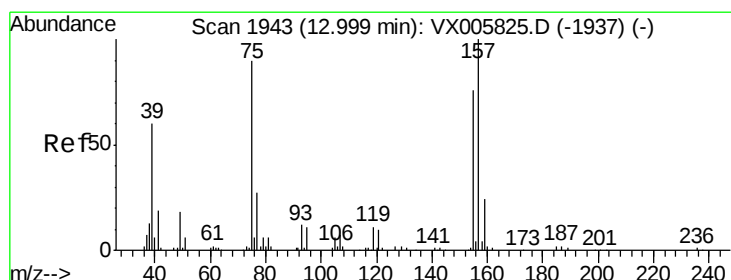
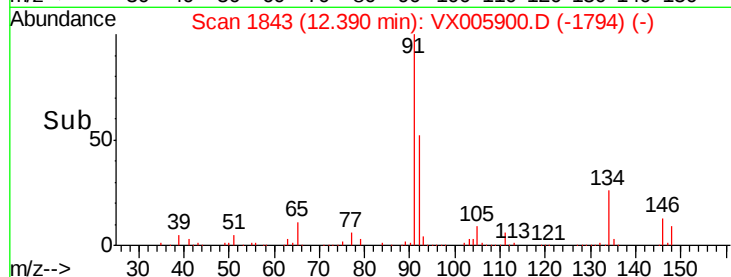
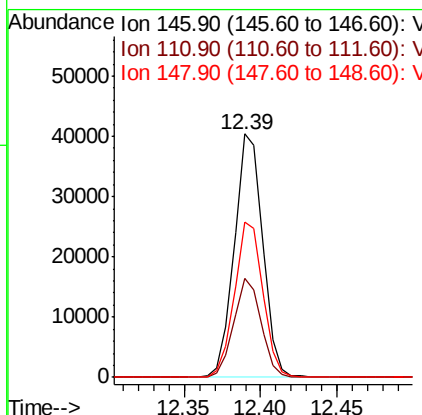
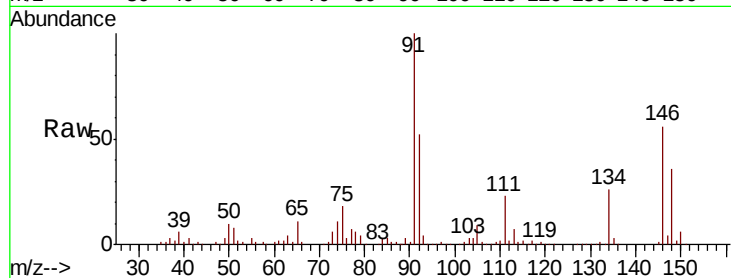
ClientSampleId :

VX1112WBS01

Tot Ion:	146	Resp:	52020
Ion Ratio	Lower	Upper	
146	100		
111	39.1	20.0	59.9
148	63.7	32.2	96.6

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.742 ug/l

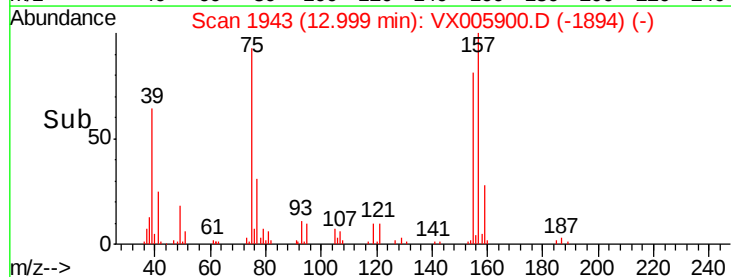
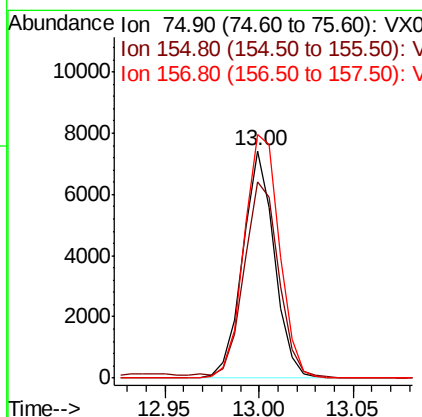
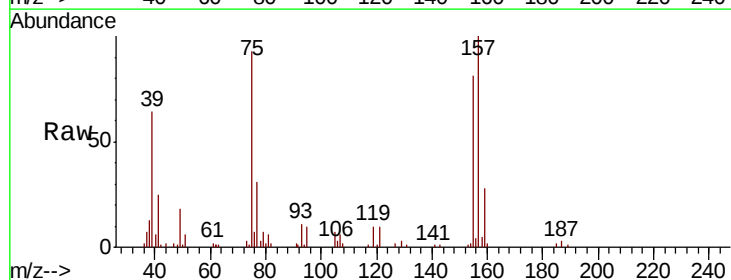
RT: 13.00 min Scan# 1943

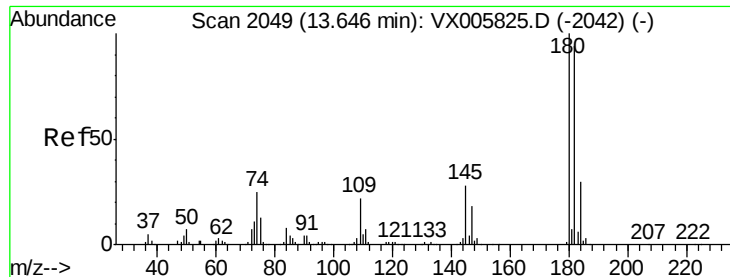
Delta R.T. -0.00 min

Lab File: VX005900.D

Acq: 12 Nov 2018 15:08

Tgt Ion:	75	Resp:	8636
Ion Ratio	Lower	Upper	
75	100		
155	96.0	45.4	136.1
157	119.3	57.4	172.0





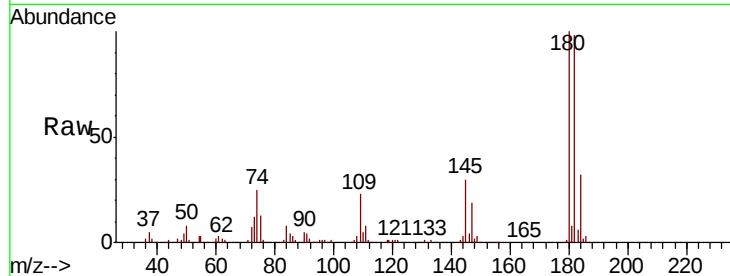
#93
 1,2,4-Trichlorobenzene
 Concen: 20.805 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005900.D
 Acq: 12 Nov 2018 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	38763		
182	96.7	47.6	142.8	
145	28.2	14.1	42.2	

Manual Integrations
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MMDadoda
 11/13/2018 11:47:04 AM

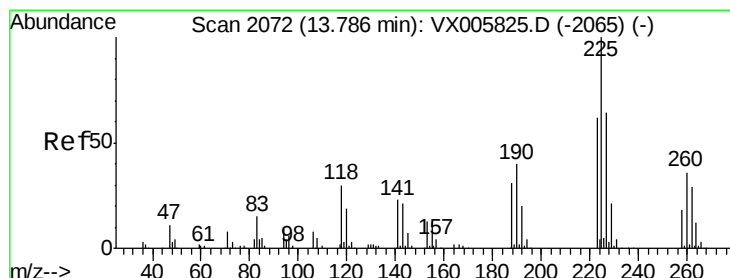
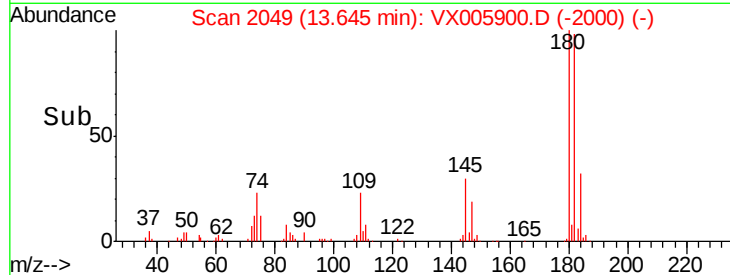
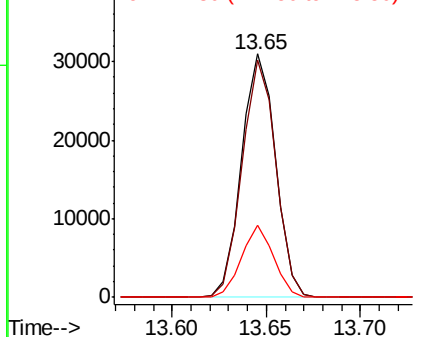


Abundance

Ion 179.80 (179.50 to 180.50): V

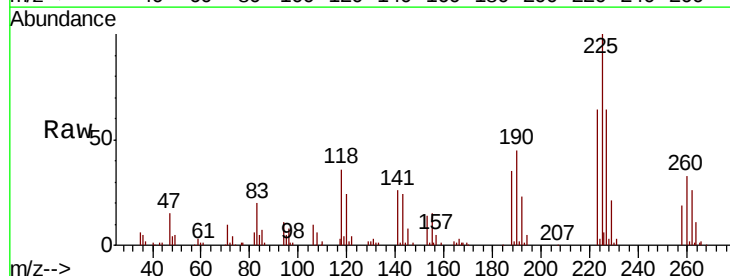
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.488 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005900.D
 Acq: 12 Nov 2018 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	19073		
223	63.5	31.7	95.1	
227	64.9	32.3	96.9	

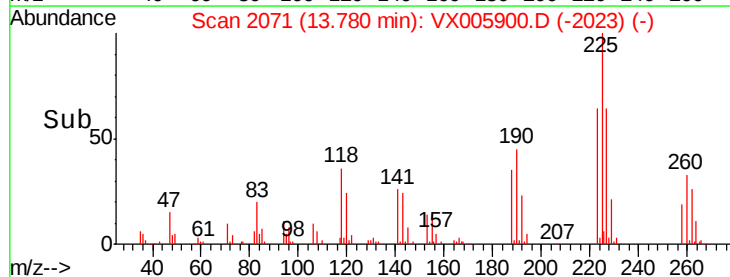
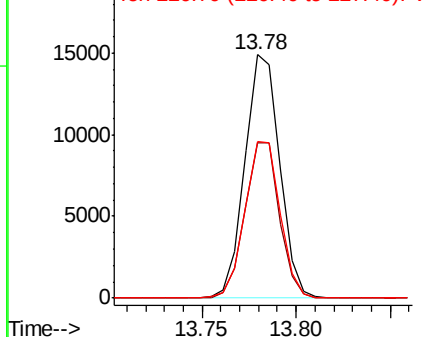


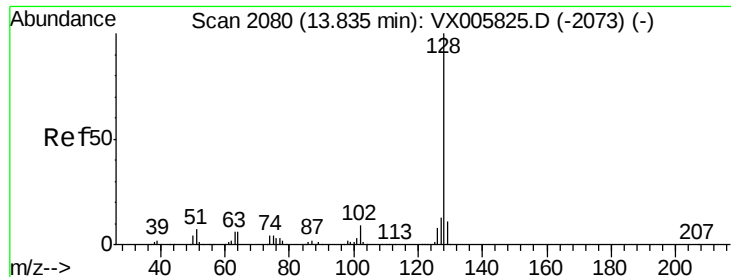
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





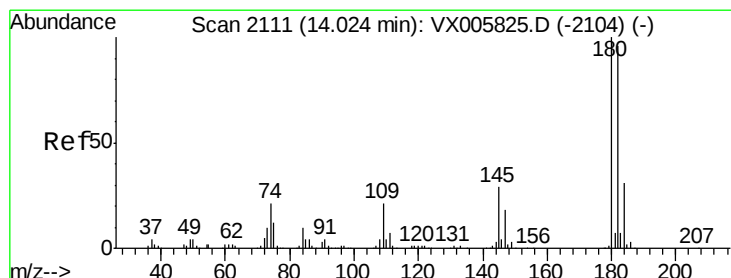
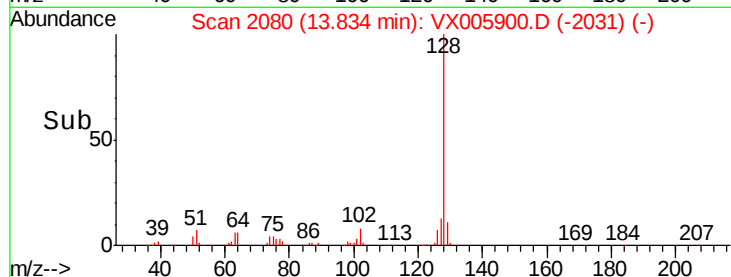
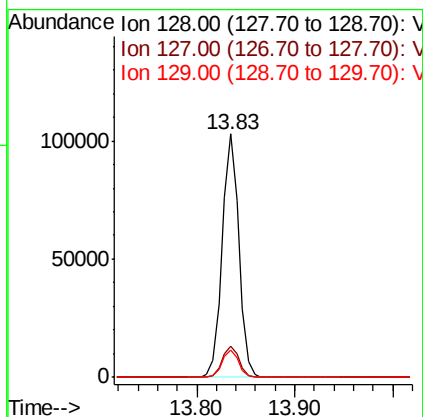
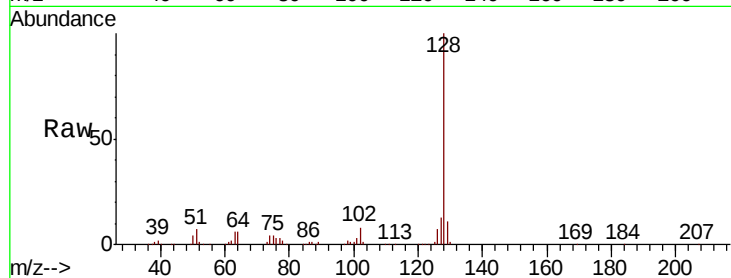
#95
Naphthalene
Concen: 20.677 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.042 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005900.D
Acq: 12 Nov 2018 15:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.2
145	30.0	15.1	45.3

