

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002905.D
 Acq On : 26 Jun 2018 20:38
 Operator : JC/MD
 Sample : VX0626MBS02
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626MBS02

Manual Integrations
 APPROVED

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 6/28/2018 3:12:09 PM

Quant Time: Jun 27 04:03:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	351907	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206419	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	176659	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	5.51	113	137966	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	8.72	98	505305	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.14	95	190970	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43855	19.24	ug/l	99
3) Chloromethane	1.32	50	47035	19.33	ug/l	99
4) Vinyl Chloride	1.40	62	54190	18.95	ug/l	93
5) Bromomethane	1.64	94	28013	19.31	ug/l	99
6) Chloroethane	1.72	64	35173	19.68	ug/l	98
7) Trichlorofluoromethane	1.93	101	94696	19.63	ug/l	100
8) Diethyl Ether	2.19	74	34371	19.60	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52600	18.82	ug/l	99
10) Methyl Iodide	2.51	142	42620	19.39	ug/l	99
11) Tert butyl alcohol	3.08	59	77838	111.78	ug/l	99
12) 1,1-Dichloroethene	2.37	96	48499	19.45	ug/l	96
13) Acrolein	2.29	56	49783	131.01	ug/l	100
14) Allyl chloride	2.73	41	96936	19.72	ug/l	99
15) Acrylonitrile	3.15	53	154425	103.83	ug/l	99
16) Acetone	2.45	43	147990	102.23	ug/l	96
17) Carbon Disulfide	2.57	76	122605	18.45	ug/l	99
18) Methyl Acetate	2.78	43	90830	22.44	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	181934	20.29	ug/l	100
20) Methylene Chloride	2.86	84	55245	19.61	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	52430	19.30	ug/l	95
22) Diisopropyl ether	3.88	45	188665	20.08	ug/l	99
23) Vinyl Acetate	3.83	43	778542	97.84	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100581	19.69	ug/l	100
25) 2-Butanone	4.71	43	223646	104.10	ug/l	98
26) 2,2-Dichloropropane	4.59	77	70645	17.01	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	59926	19.68	ug/l	99
28) Bromochloromethane	5.03	49	51999	21.27	ug/l	97
29) Tetrahydrofuran	5.17	42	141681	102.84	ug/l	98
30) Chloroform	5.22	83	105005	20.03	ug/l	99
31) Cyclohexane	5.58	56	84708	19.32	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	92135	19.98	ug/l	99
36) 1,1-Dichloropropene	5.80	75	72631	18.82	ug/l	98
37) Ethyl Acetate	4.87	43	83168	20.02	ug/l	98
38) Carbon Tetrachloride	5.79	117	81946	19.35	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83455	18.57	ug/l	98
40) Benzene	6.15	78	222029	19.80	ug/l	99
41) Methacrylonitrile	5.07	41	47669	19.92	ug/l	97
42) 1,2-Dichloroethane	6.20	62	88120	19.45	ug/l	100
43) Isopropyl Acetate	6.47	43	136666	19.61	ug/l	100
44) Trichloroethene	7.22	130	64156	19.19	ug/l	99
45) 1,2-Dichloropropane	7.52	63	58598	19.70	ug/l	99
46) Dibromomethane	7.66	93	41020	19.87	ug/l	98
47) Bromodichloromethane	7.90	83	75474	19.78	ug/l	98
48) Methyl methacrylate	7.78	41	72091	20.08	ug/l	99
49) 1,4-Dioxane	7.76	88	29005	415.20	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	452141	103.70	ug/l	99
52) Toluene	8.79	92	142711	19.87	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	83210	19.25	ug/l	96
54) cis-1,3-Dichloropropene	9.04	75	76297	18.35	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	59027	20.00	ug/l	97
56) Ethyl methacrylate	9.18	69	85025	19.71	ug/l	97
57) 1,3-Dichloropropane	9.38	76	97939	20.20	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	211619	101.68	ug/l	99
59) 2-Hexanone	9.50	43	344760	104.04	ug/l	99
60) Dibromochloromethane	9.59	129	61034	19.64	ug/l	100
61) 1,2-Dibromoethane	9.68	107	62098	20.06	ug/l	100
64) Tetrachloroethene	9.34	164	73186	19.57	ug/l	97
65) Chlorobenzene	10.14	112	164786	19.29	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	61119	19.69	ug/l	100
67) Ethyl Benzene	10.26	91	277879	19.69	ug/l	97
68) m/p-Xylenes	10.36	106	215443	39.61	ug/l	100
69) o-Xylene	10.70	106	105026	19.83	ug/l	99
70) Styrene	10.71	104	170302	19.79	ug/l	99
71) Bromoform	10.86	173	46113	19.06	ug/l #	99
73) Isopropylbenzene	11.02	105	285555	20.56	ug/l	100
74) N-amyl acetate	6.47	43	136666	20.11	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	89317	20.88	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	86592m	23.16	ug/l	
77) Bromobenzene	11.26	156	79520	20.11	ug/l	98
78) n-propylbenzene	11.37	91	322276	20.39	ug/l	100
79) 2-Chlorotoluene	11.42	91	193558	20.23	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	242905	20.77	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19891	17.76	ug/l	89
82) 4-Chlorotoluene	11.51	91	227500	20.08	ug/l	100
83) tert-Butylbenzene	11.77	119	236877	20.55	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	249667	20.60	ug/l	99
85) sec-Butylbenzene	11.95	105	285350	20.41	ug/l	99
86) p-Isopropyltoluene	12.07	119	253963	20.20	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	144309	19.98	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	146995	19.78	ug/l	100
89) n-Butylbenzene	12.39	91	212798	19.45	ug/l	99
90) Hexachloroethane	12.60	117	34644	18.53	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	144310	19.80	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18592	19.33	ug/l	98

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ClientSampleId :
VX0626MBS02

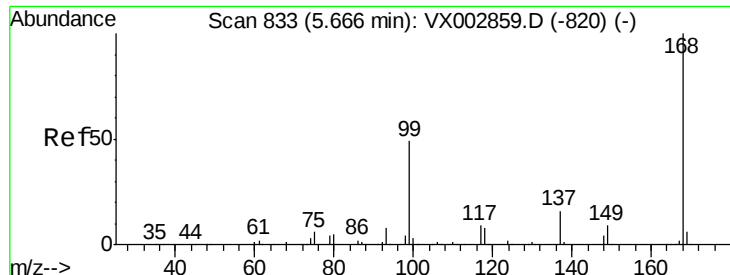
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104698	19.73	ug/l	99
94) Hexachlorobutadiene	13.79	225	49909	18.86	ug/l	98
95) Naphthalene	13.84	128	289276	20.47	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	106083	20.02	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBS02

Tot Ion:168 Resp: 252889

Ion Ratio Lower Upper

168 100

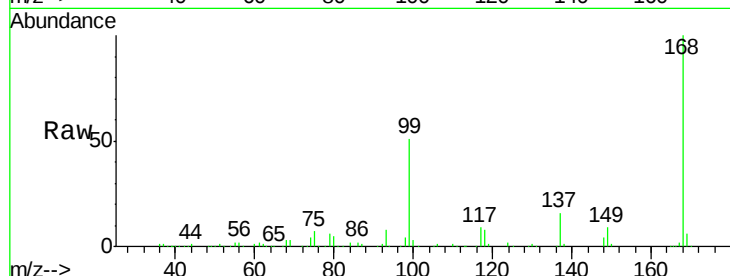
99 51.2 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

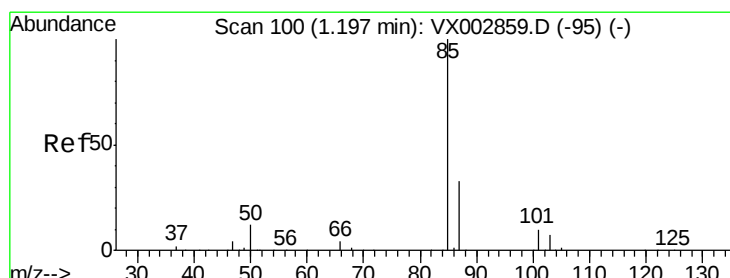
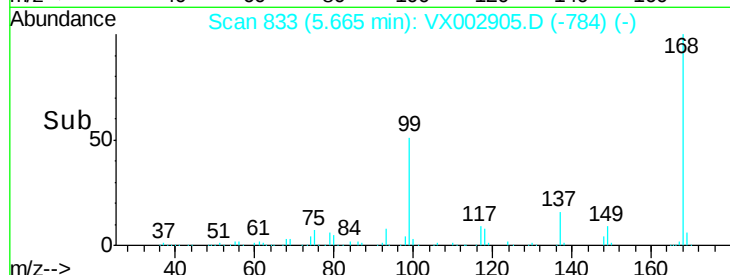
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.24 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002905.D

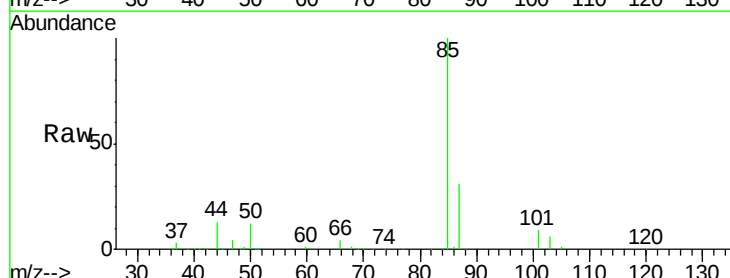
Acq: 26 Jun 2018 20:38

Tgt Ion: 85 Resp: 43855

Ion Ratio Lower Upper

85 100

87 31.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

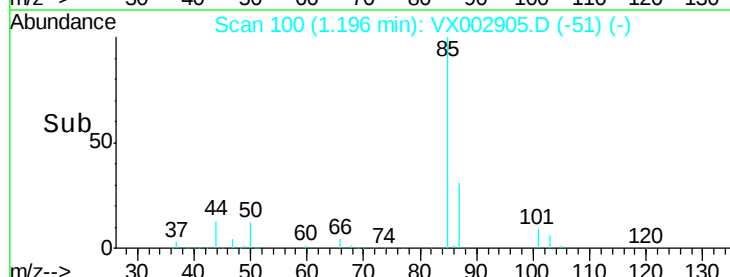
30000

20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.33 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBS02

Tot Ion: 50 Resp: 47035

Ion Ratio Lower Upper

50 100

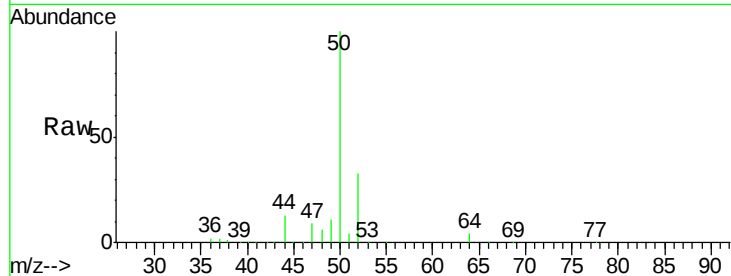
52 32.5 25.7 38.5

Manual Integrations

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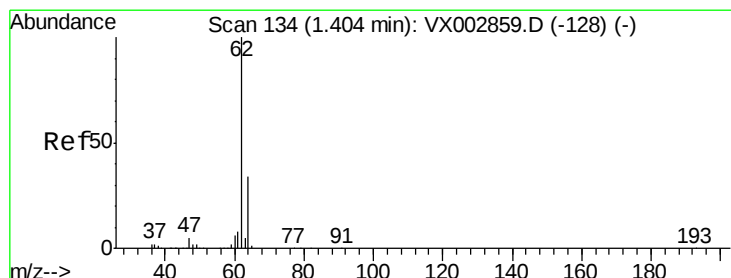
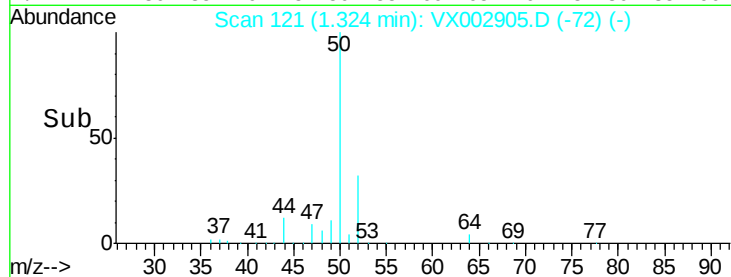
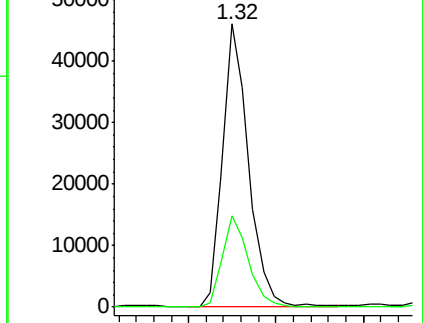
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.95 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002905.D

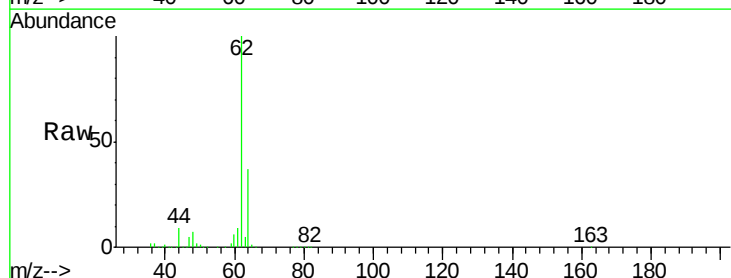
Acq: 26 Jun 2018 20:38

Tgt Ion: 62 Resp: 54190

Ion Ratio Lower Upper

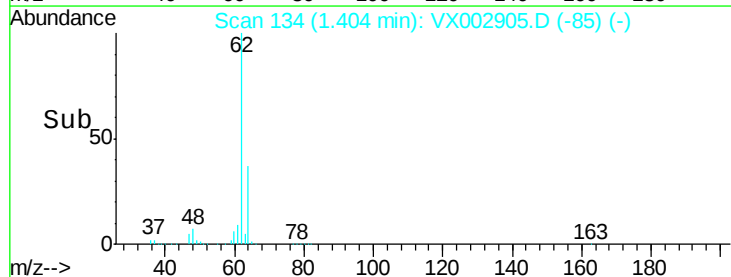
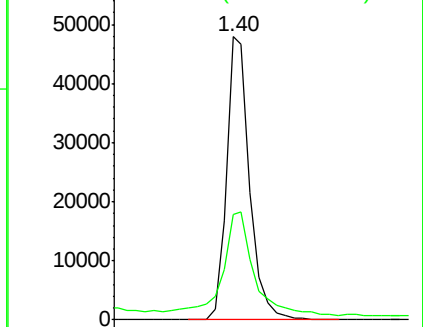
62 100

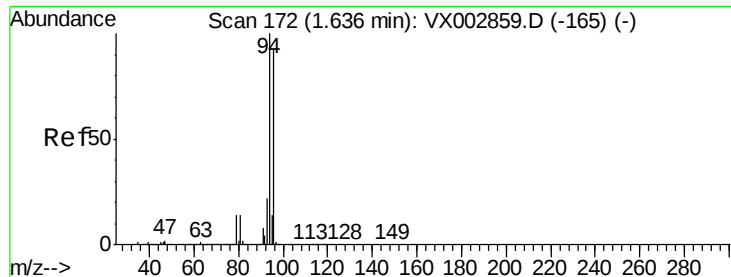
64 35.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.31 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBS02

Tot Ion: 94 Resp: 28013

Ion Ratio Lower Upper

94 100

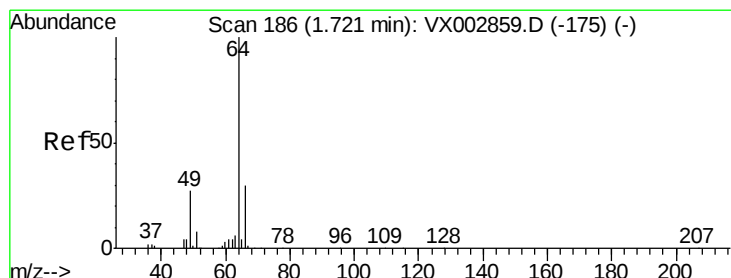
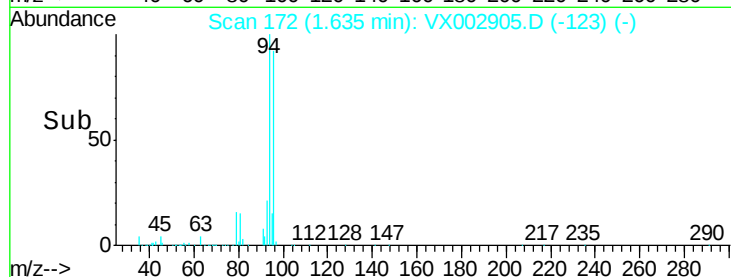
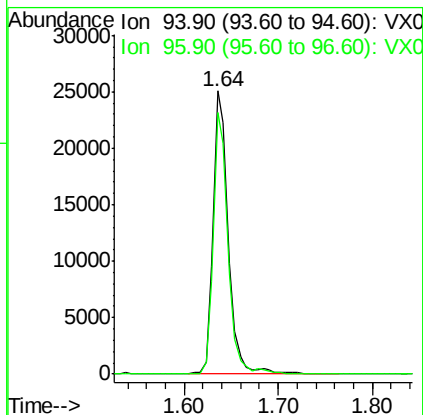
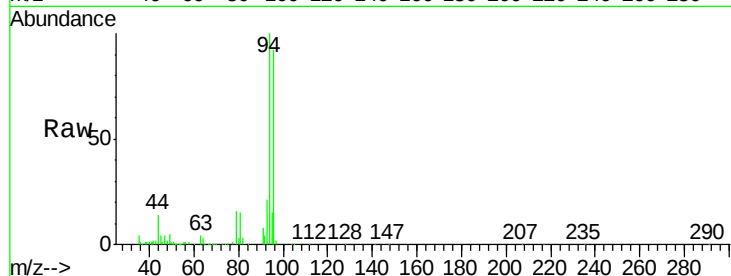
96 92.3 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 19.68 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002905.D

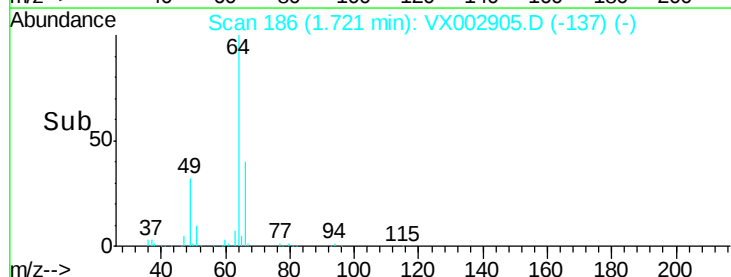
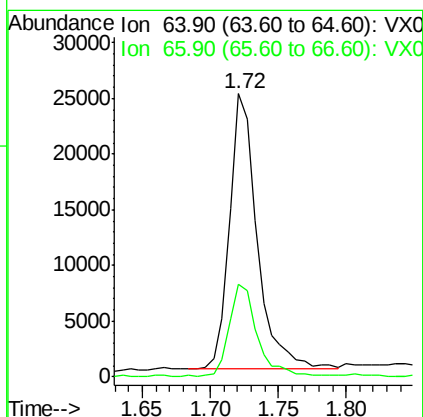
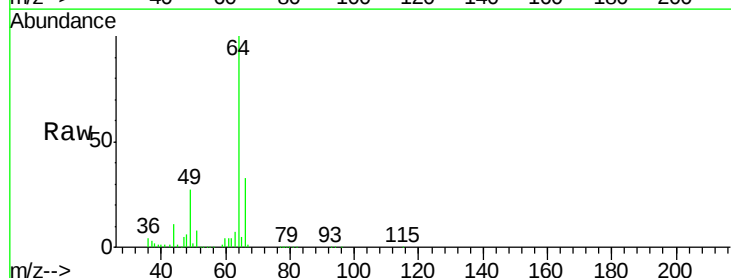
Acq: 26 Jun 2018 20:38

Tgt Ion: 64 Resp: 35173

Ion Ratio Lower Upper

64 100

66 33.1 25.5 38.3





#7

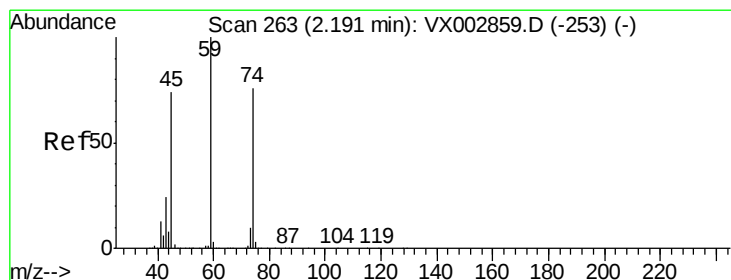
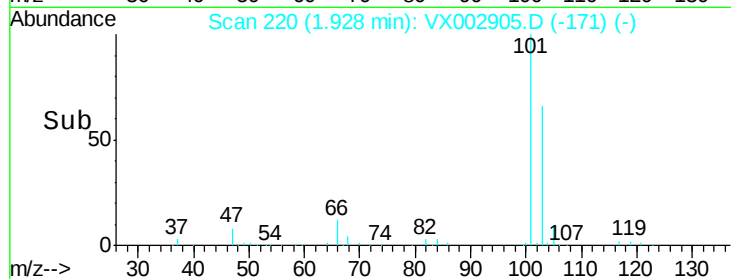
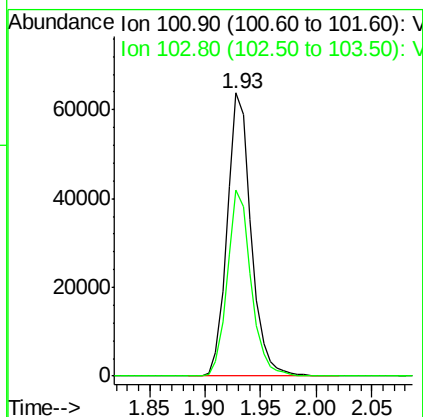
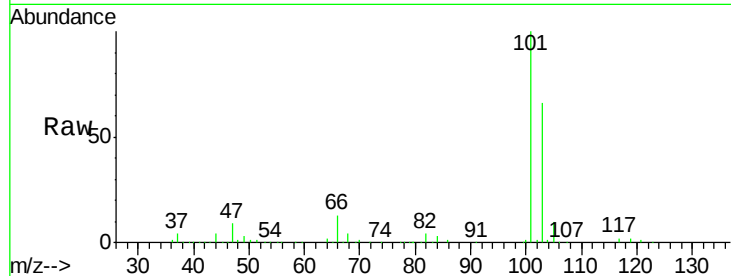
Trichlorofluoromethane
Concen: 19.63 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	52.8	79.2

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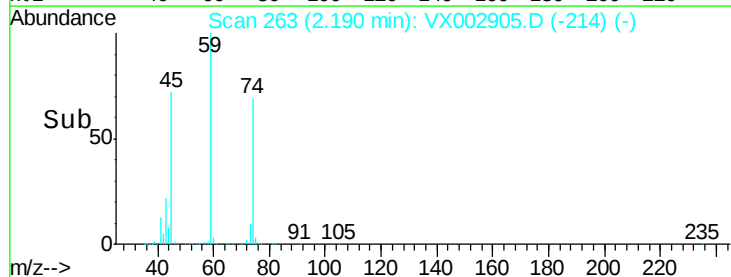
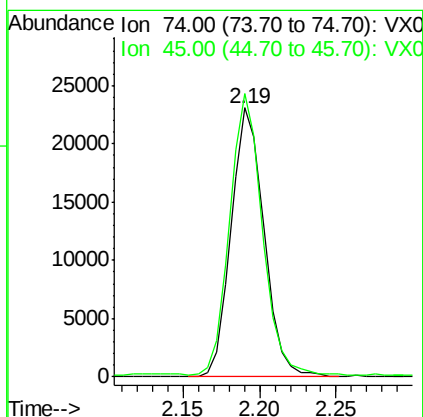
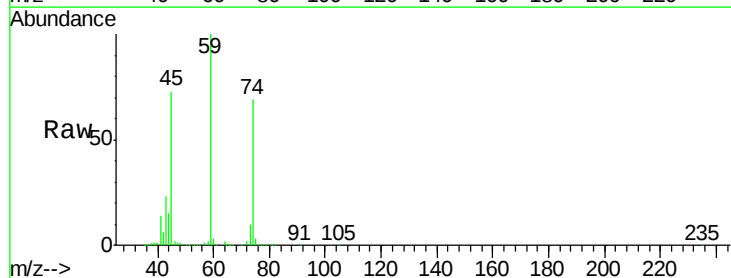
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#8

Diethyl Ether
Concen: 19.60 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.2	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.82 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

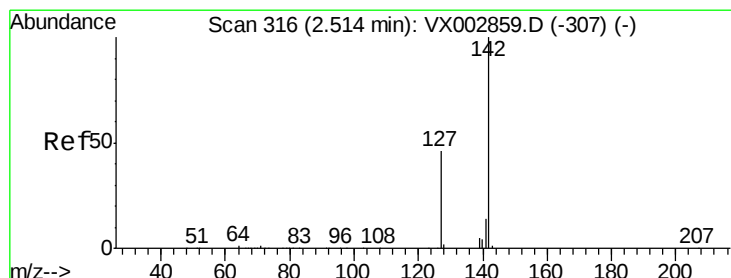
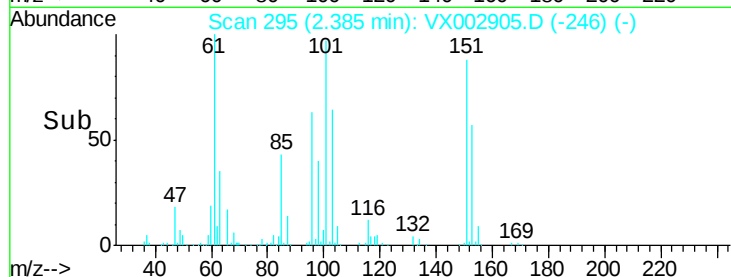
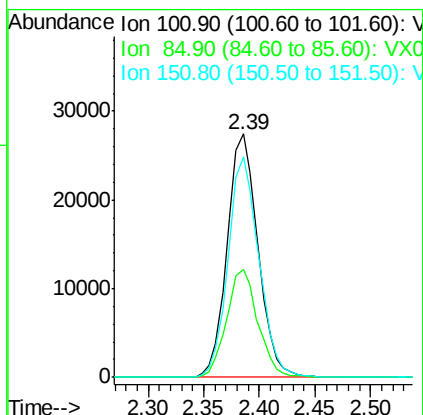
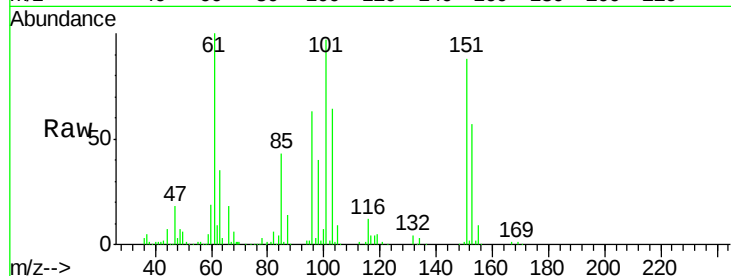
ClientSampleId :

VX0626MBS02

Tot Ion:	101	Resp:	52600
Ion Ratio	Lower	Upper	
101	100		
85	45.1	36.0	54.0
151	90.6	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 19.39 ug/l

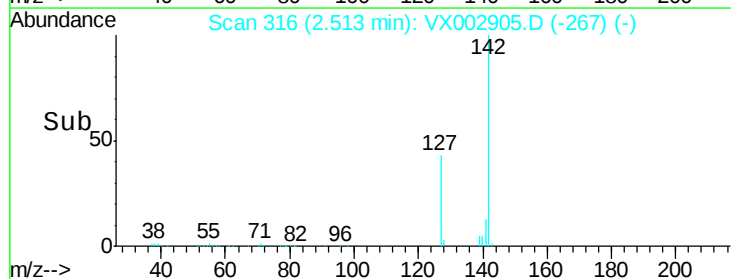
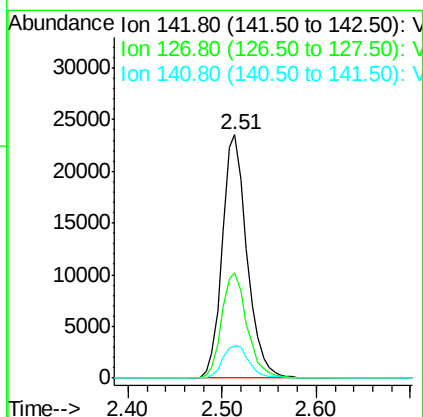
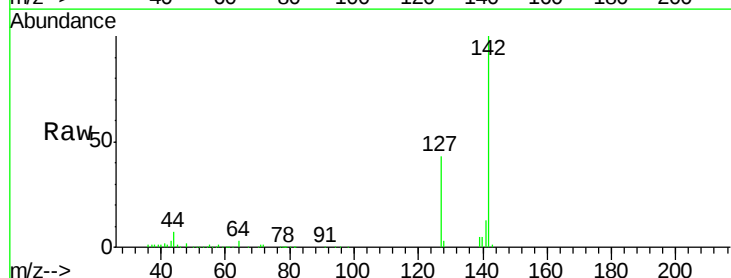
RT: 2.51 min Scan# 316

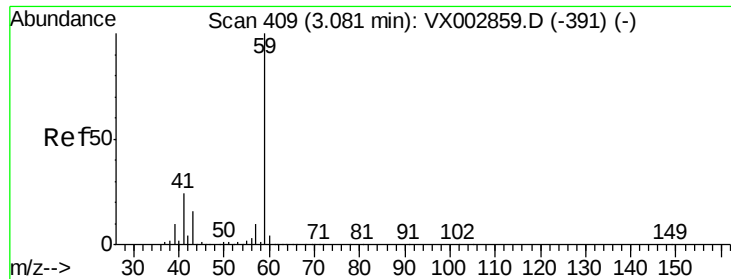
Delta R.T. 0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Tgt Ion:	142	Resp:	42620
Ion Ratio	Lower	Upper	
142	100		
127	44.7	36.6	55.0
141	14.2	11.3	16.9





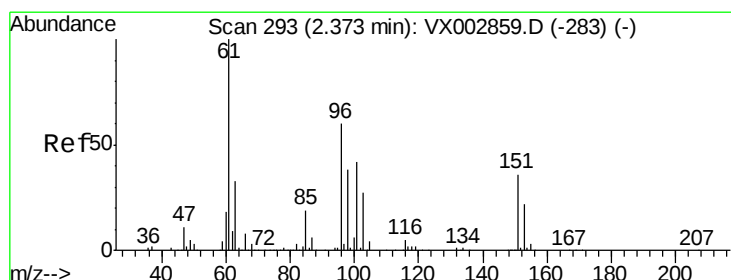
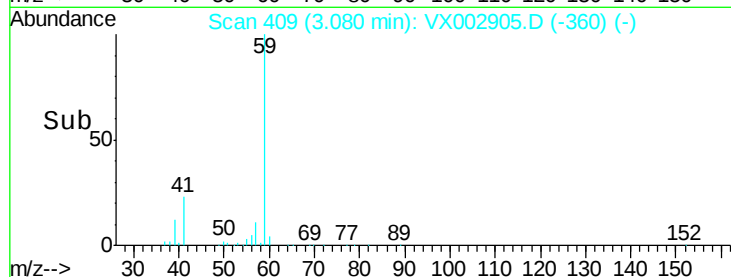
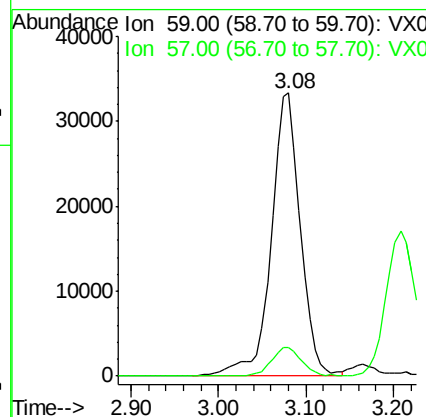
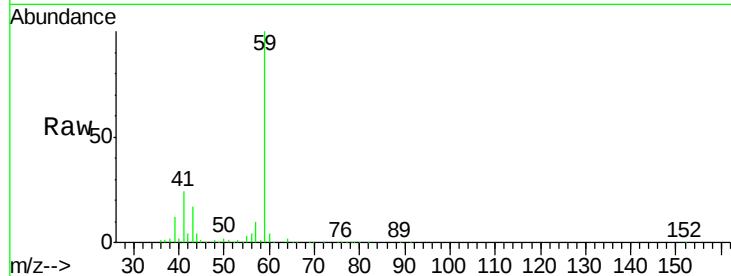
#11
Tert butyl alcohol
Concen: 111.78 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBS02

Tot Ion	Ion	Ratio	Lower	Upper
59	100			
57	10.5	8.2	12.2	

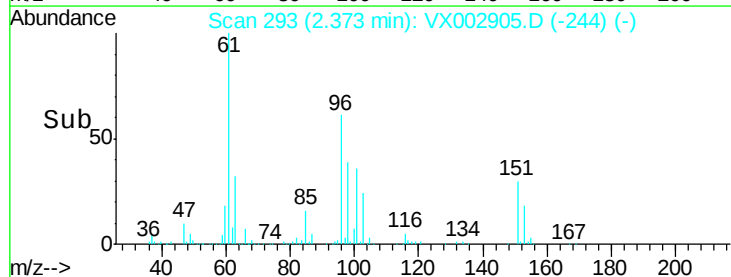
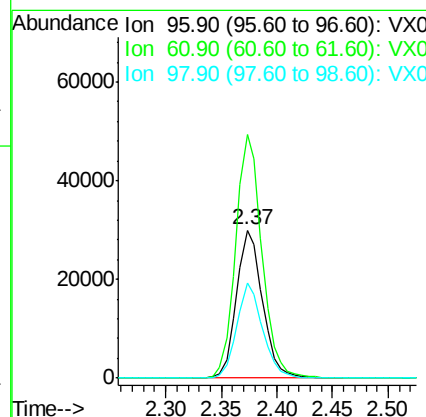
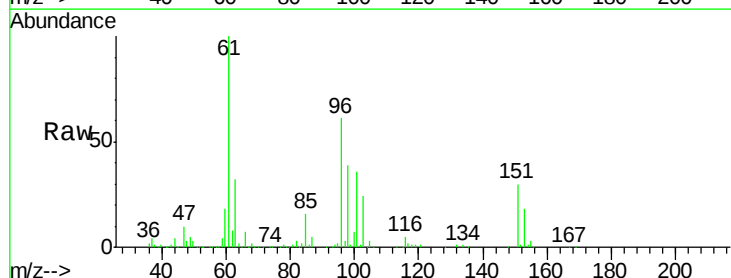
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 19.45 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion	Ion	Ratio	Lower	Upper
96	100			
61	164.9	137.9	206.9	
98	64.8	51.6	77.4	





#13

Acrolein

Concen: 131.01 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBS02

Tot Ion: 56 Resp: 49783

Ion Ratio Lower Upper

56 100

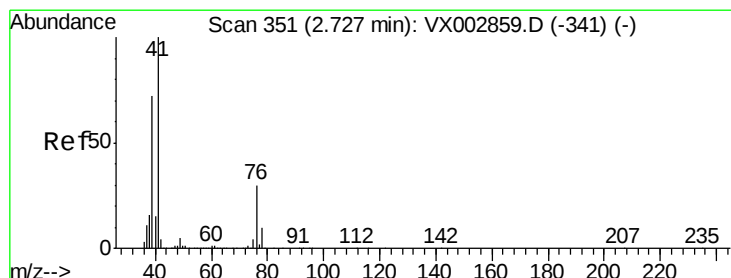
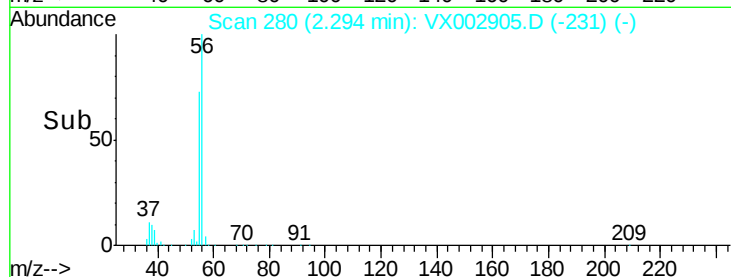
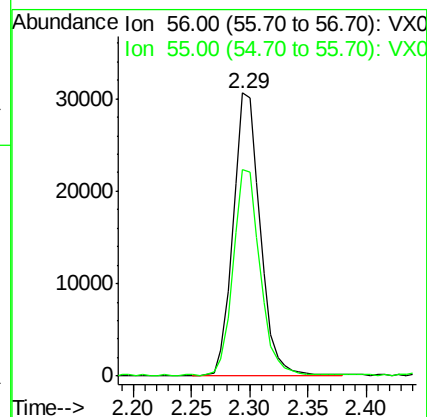
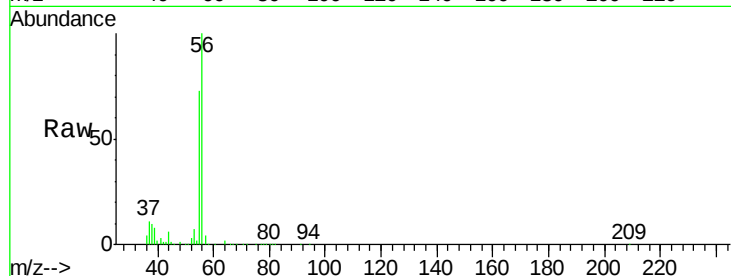
55 71.5 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 19.72 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

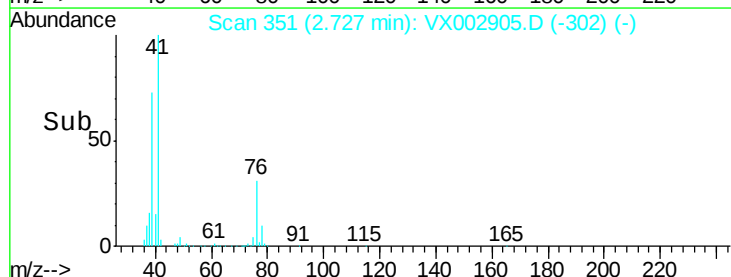
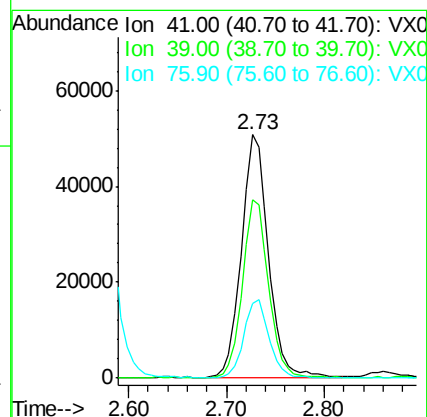
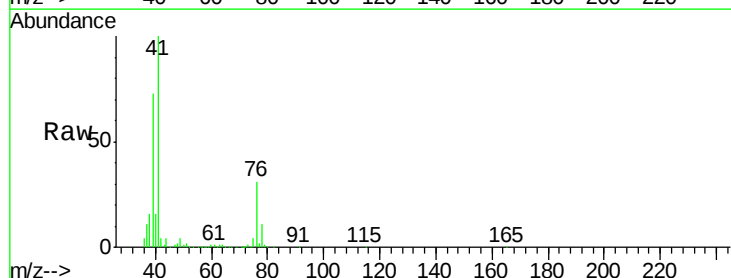
Tgt Ion: 41 Resp: 96936

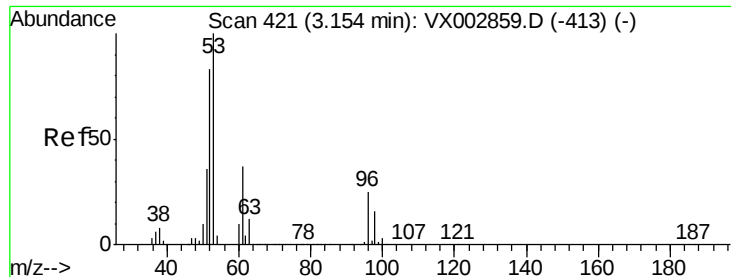
Ion Ratio Lower Upper

41 100

39 70.2 56.8 85.2

76 30.2 23.8 35.8





#15

Acrylonitrile

Concen: 103.83 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

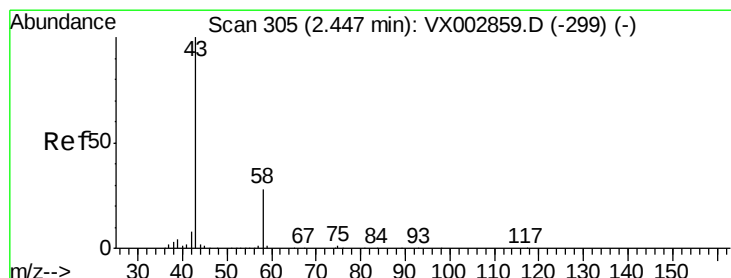
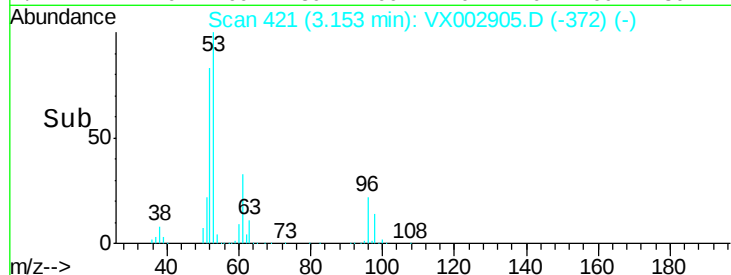
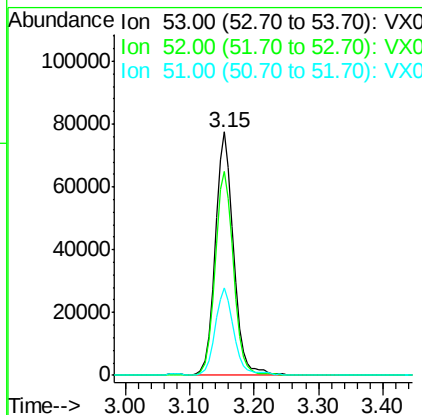
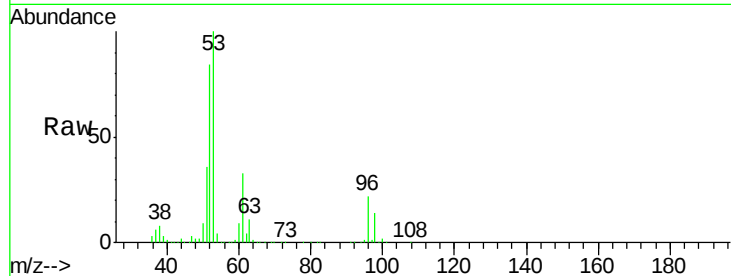
ClientSampleId :

VX0626MBS02

Tot Ion:	53	Resp:	154425
Ion Ratio		Lower	Upper
53	100		
52	83.9	66.7	100.1
51	37.1	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 102.23 ug/l

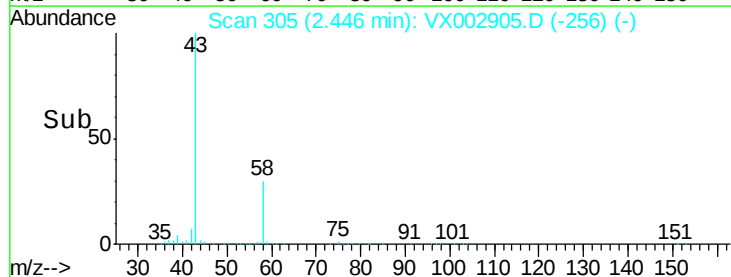
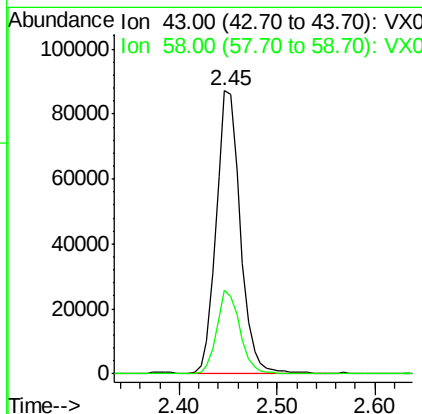
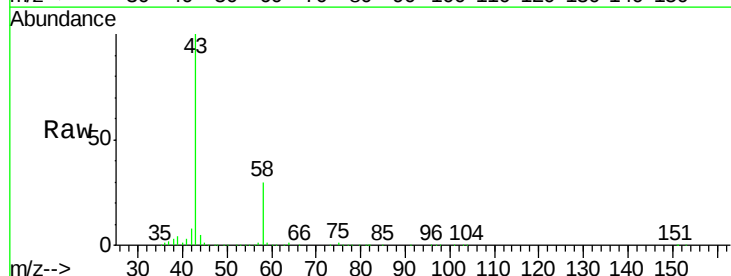
RT: 2.45 min Scan# 305

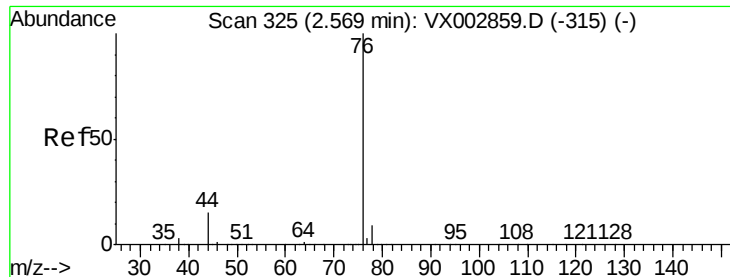
Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Tgt Ion:	43	Resp:	147990
Ion Ratio		Lower	Upper
43	100		
58	29.5	22.1	33.1





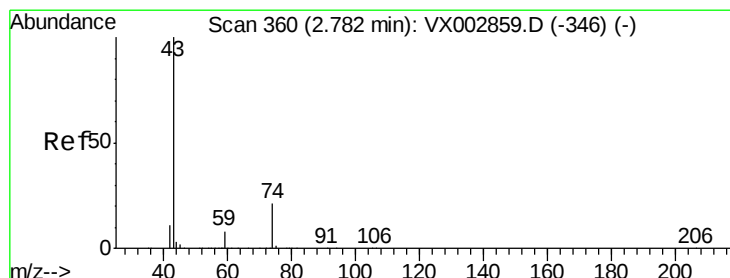
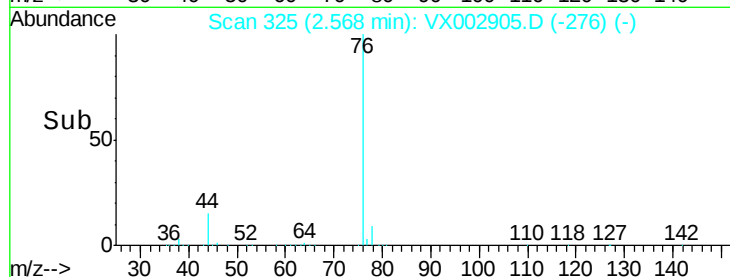
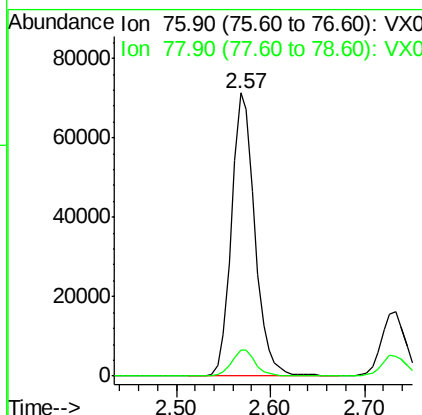
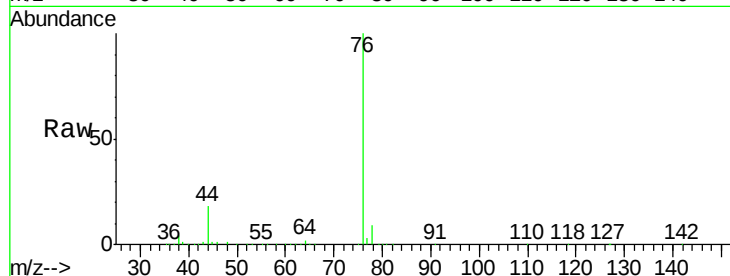
#17
Carbon Disulfide
Concen: 18.45 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.9	10.3

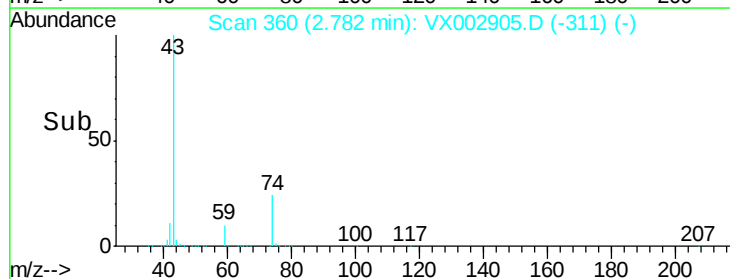
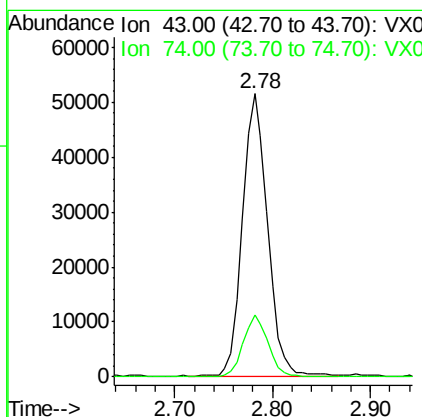
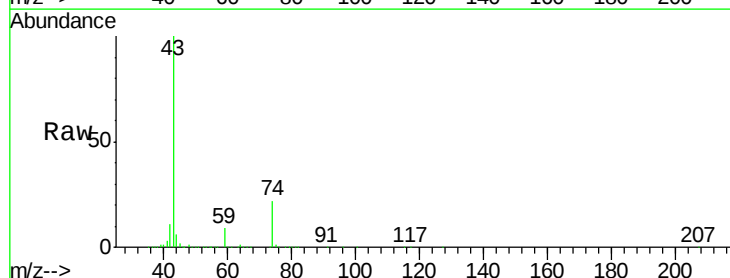
Manual Integrations
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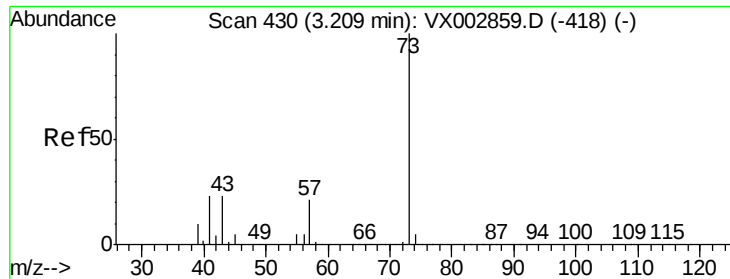
MMDadoda
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#18
Methyl Acetate
Concen: 22.44 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	16.7	25.1





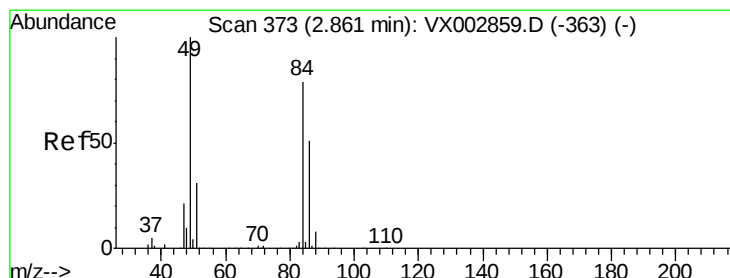
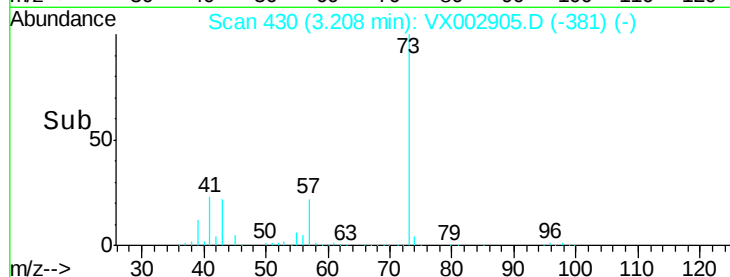
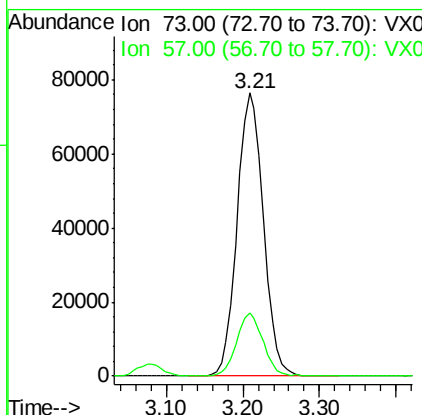
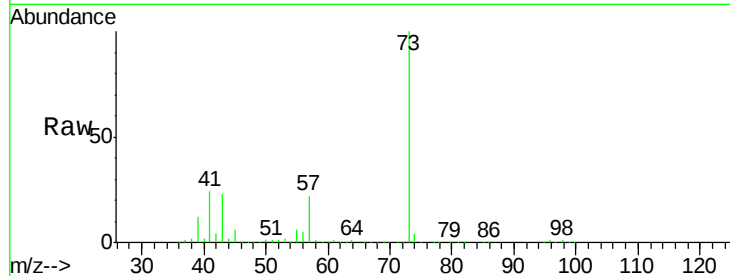
#19
Methyl tert-butyl Ether
Concen: 20.29 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBS02

Tot Ion: 73 Resp: 181934
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5

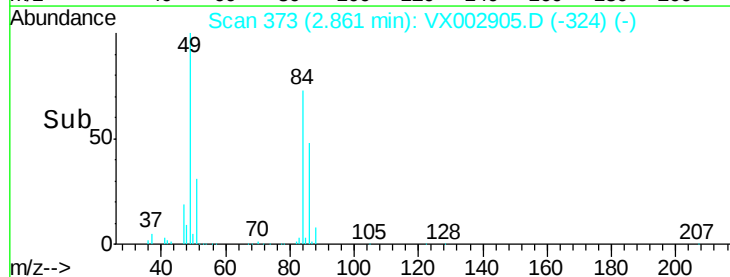
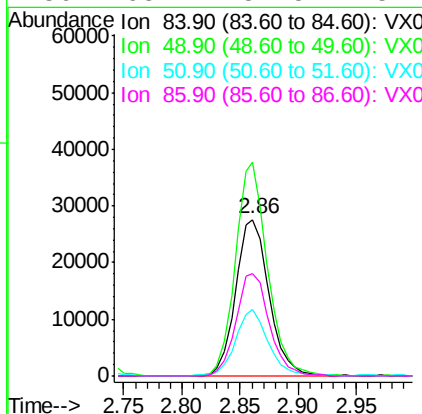
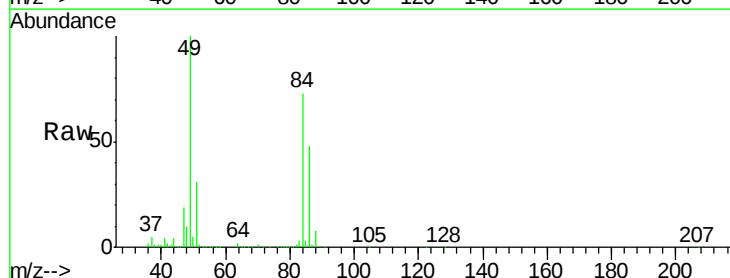
Manual Integrations
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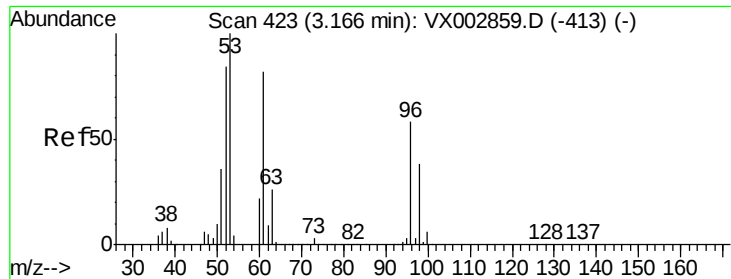
MMDadoda
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#20
Methylene Chloride
Concen: 19.61 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion: 84 Resp: 55245
Ion Ratio Lower Upper
84 100
49 136.1 107.8 161.6
51 42.3 32.8 49.2
86 65.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.30 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

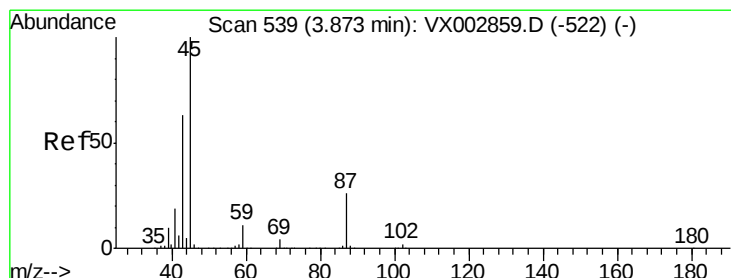
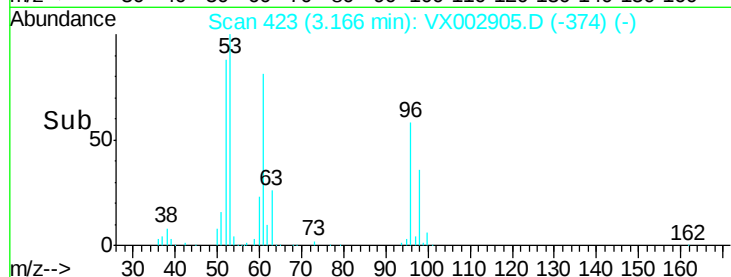
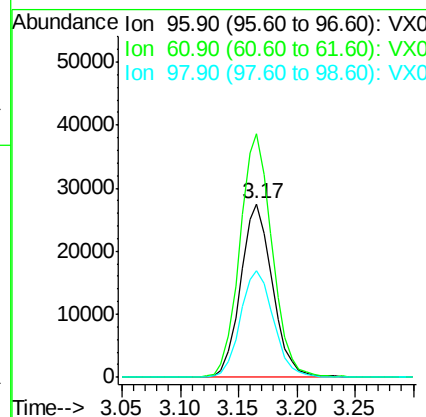
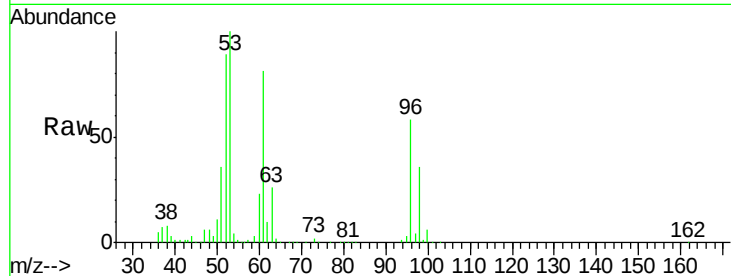
ClientSampleId :

VX0626MBS02

Tot Ion:	96	Resp:	52430
Ion	Ratio	Lower	Upper
96	100		
61	140.2	117.0	175.4
98	61.3	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.08 ug/l

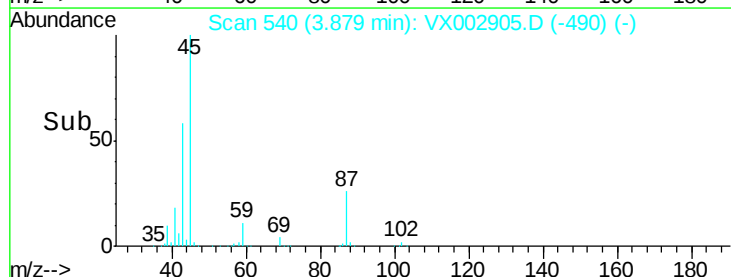
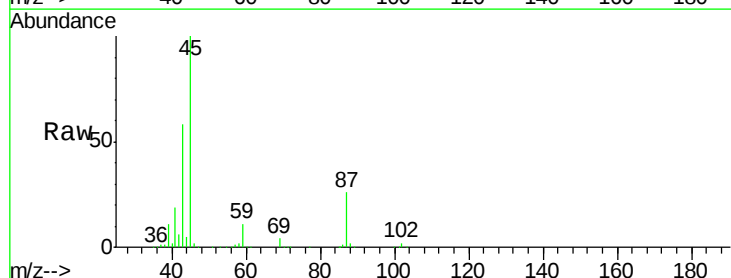
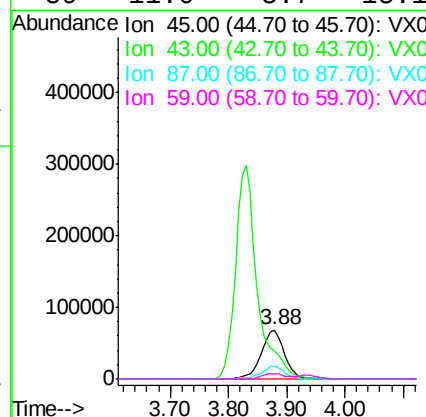
RT: 3.88 min Scan# 540

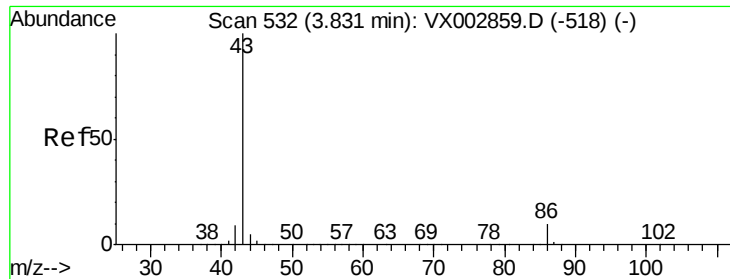
Delta R.T. 0.01 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Tgt Ion:	45	Resp:	188665
Ion	Ratio	Lower	Upper
45	100		
43	57.4	46.8	70.2
87	26.1	20.2	30.4
59	11.0	8.7	13.1





#23

Vinyl Acetate

Concen: 97.84 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBS02

Tot Ion: 43 Resp: 778542

Ion Ratio Lower Upper

43 100

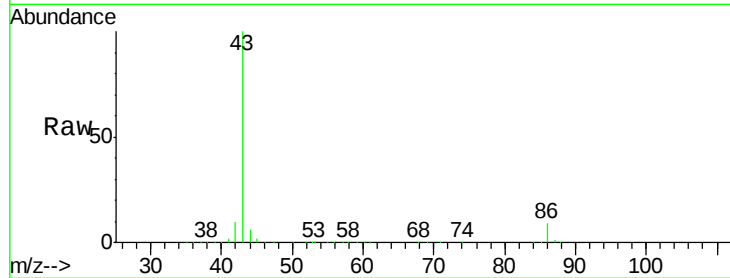
86 9.5 7.4 11.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

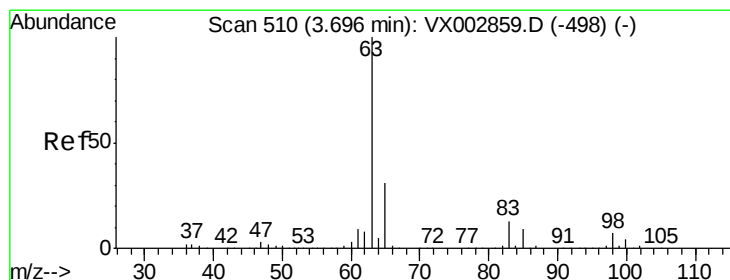
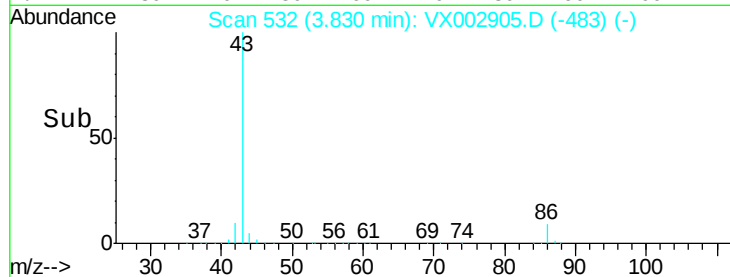
300000

200000

100000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 19.69 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

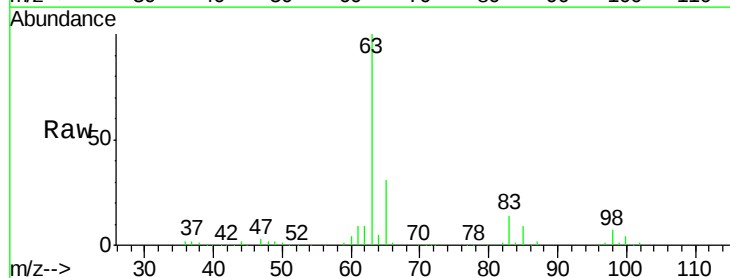
Tgt Ion: 63 Resp: 100581

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.1 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

50000

40000

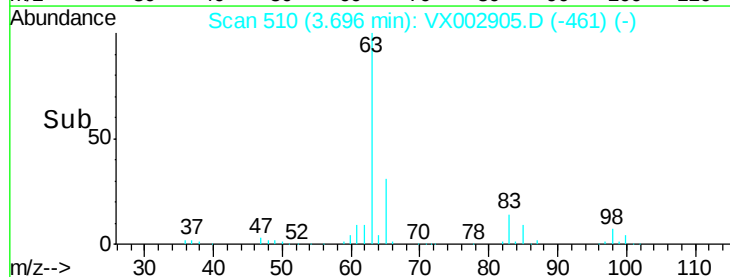
30000

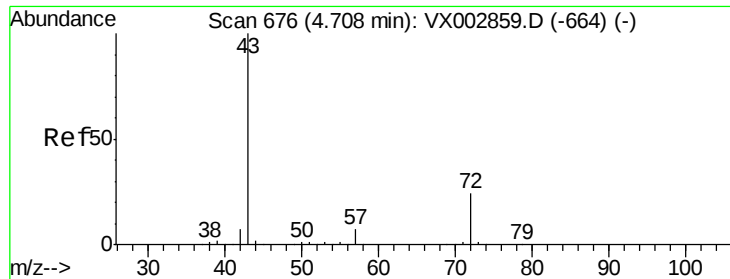
20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 104.10 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBS02

Tot Ion: 43 Resp: 223646

Ion Ratio Lower Upper

43 100

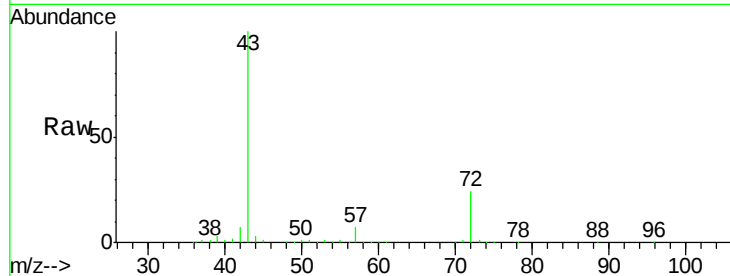
72 24.2 18.5 27.7

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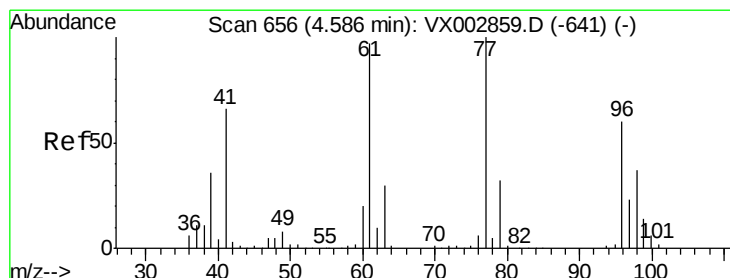
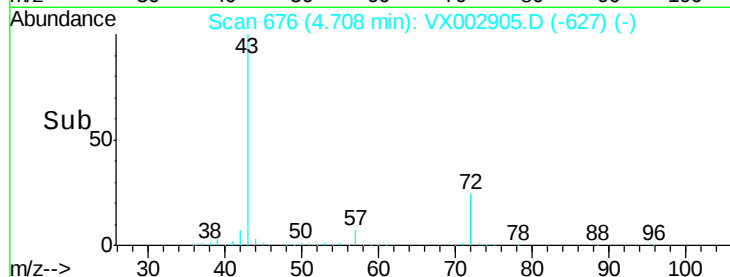
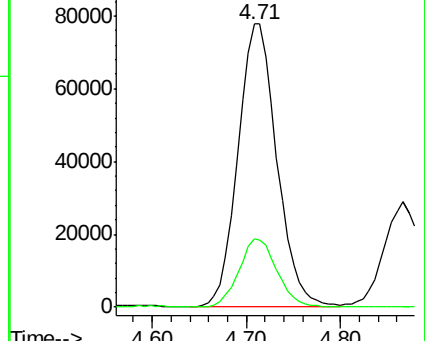
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.01 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002905.D

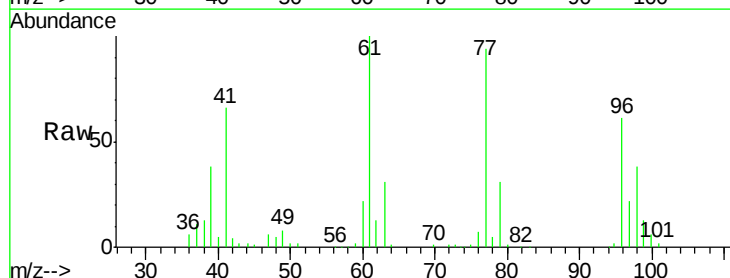
Acq: 26 Jun 2018 20:38

Tgt Ion: 77 Resp: 70645

Ion Ratio Lower Upper

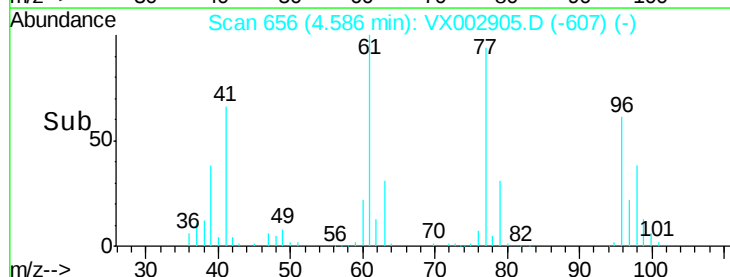
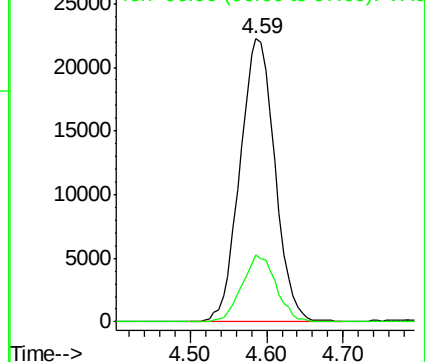
77 100

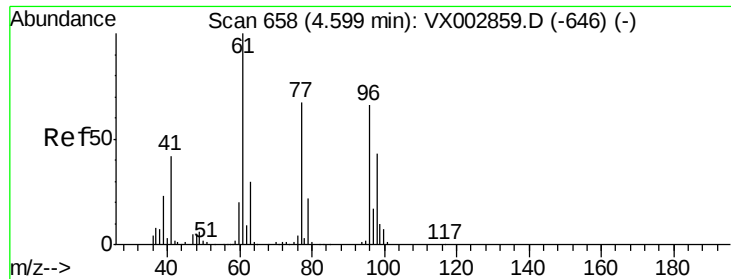
97 23.2 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

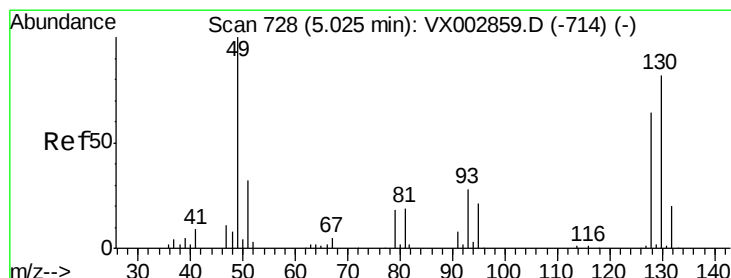
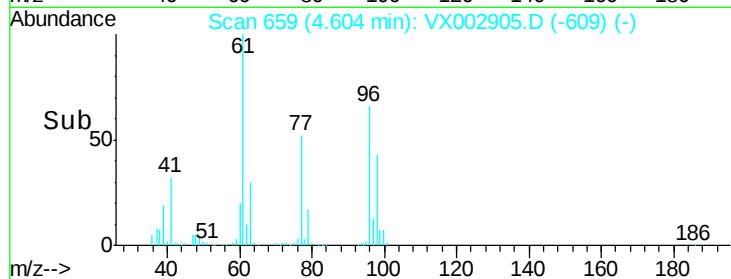
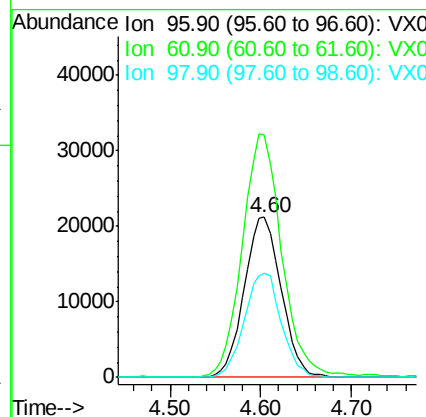
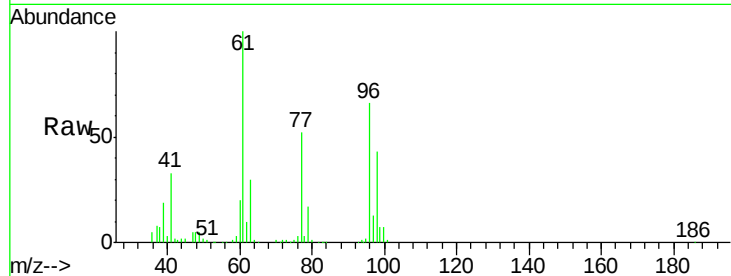
cis-1,2-Dichloroethene
 Concen: 19.68 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626MBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	162.9	0.0	330.2	
98	65.2	0.0	130.2	

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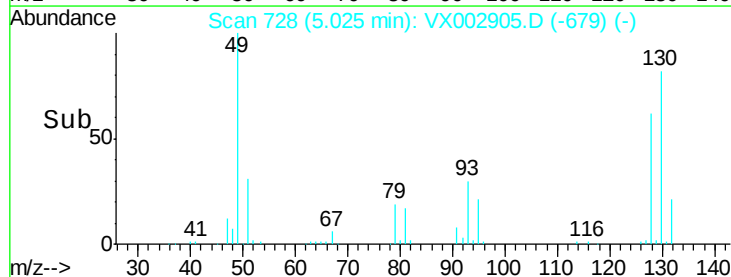
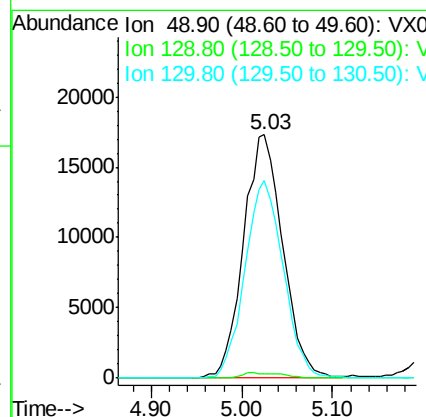
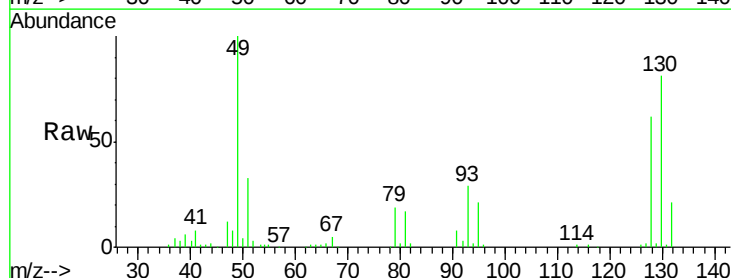
MMDadoda
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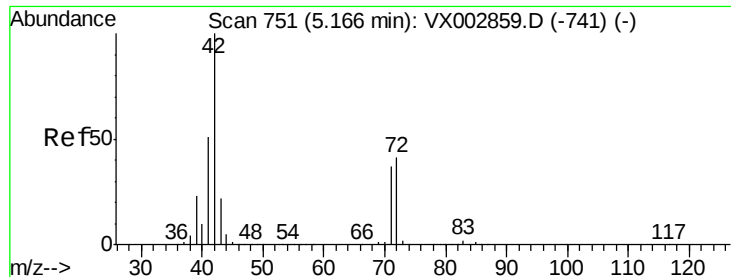


#28

Bromochloromethane
 Concen: 21.27 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.2	
130	79.0	61.2	91.8	





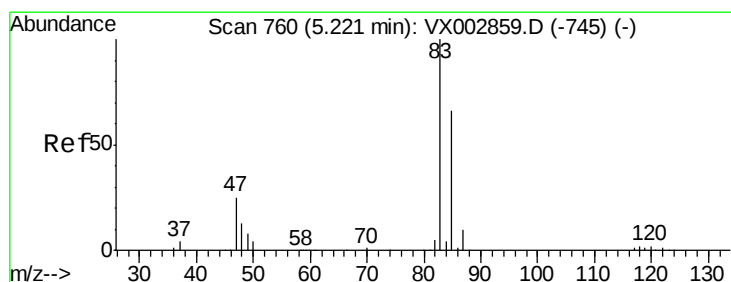
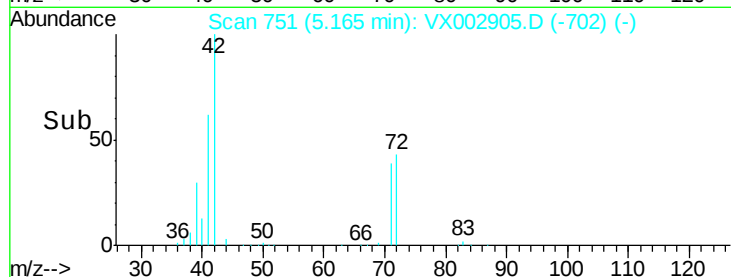
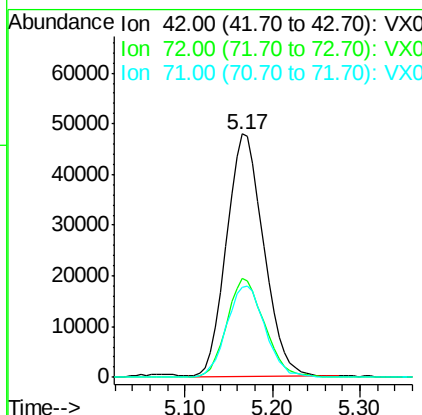
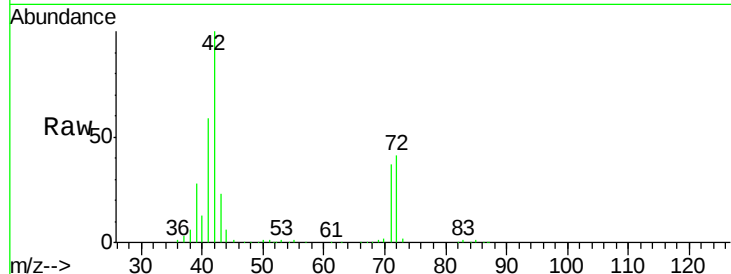
#29
Tetrahydrofuran
Concen: 102.84 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	32.0	48.0
71	38.9	30.1	45.1

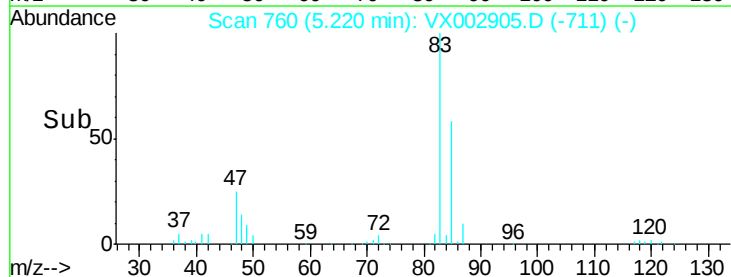
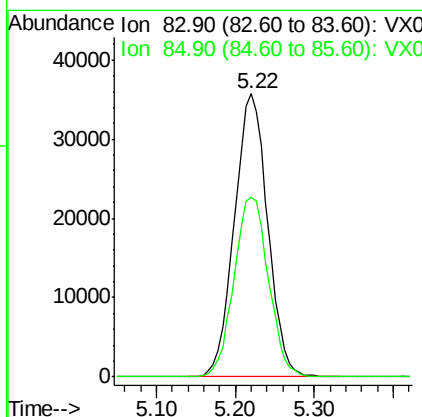
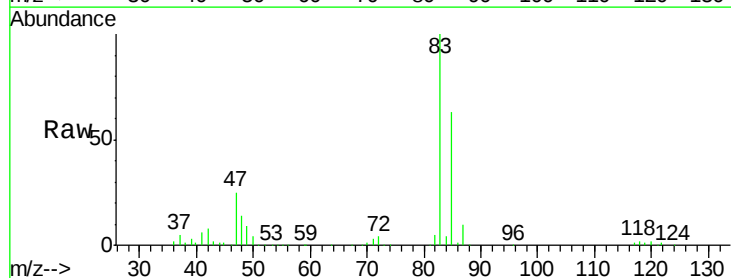
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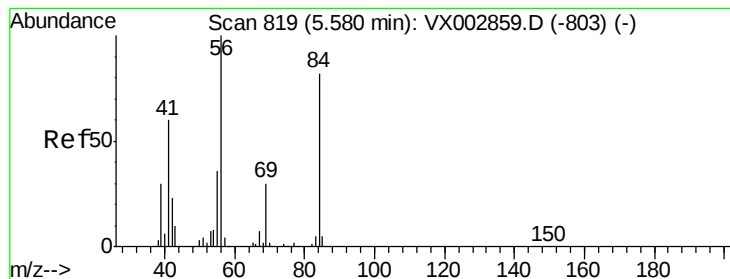
MMDadoda
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#30
Chloroform
Concen: 20.03 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.4	75.6





#31

Cyclohexane

Concen: 19.32 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBS02

Tot Ion: 56 Resp: 84708

Ion Ratio Lower Upper

56 100

69 27.1 23.7 35.5

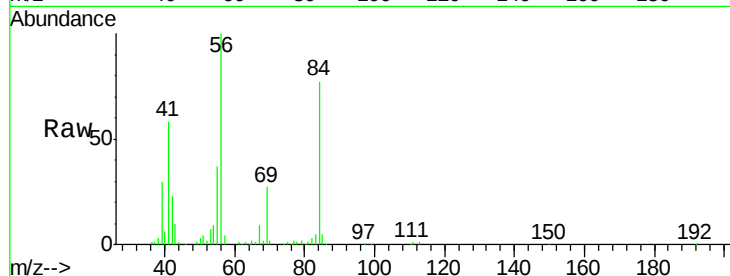
84 75.5 64.1 96.1

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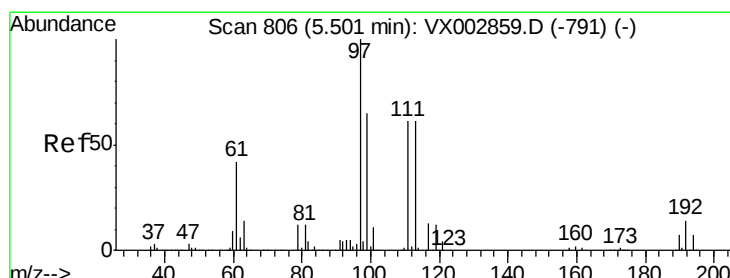
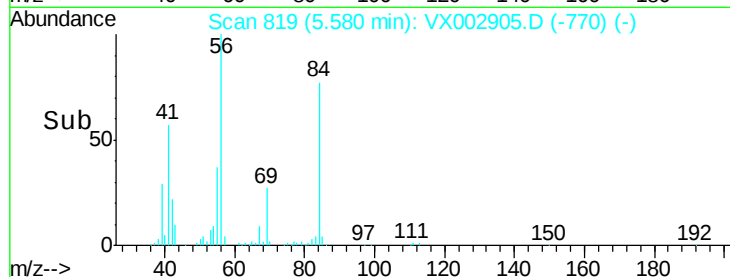
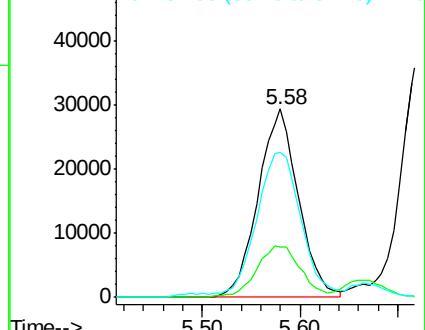


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.98 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

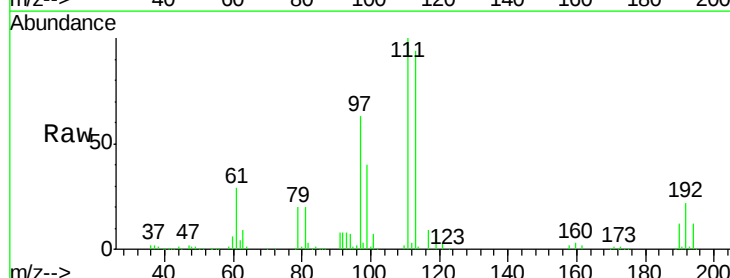
Tgt Ion: 97 Resp: 92135

Ion Ratio Lower Upper

97 100

99 64.0 51.6 77.4

61 46.2 36.4 54.6

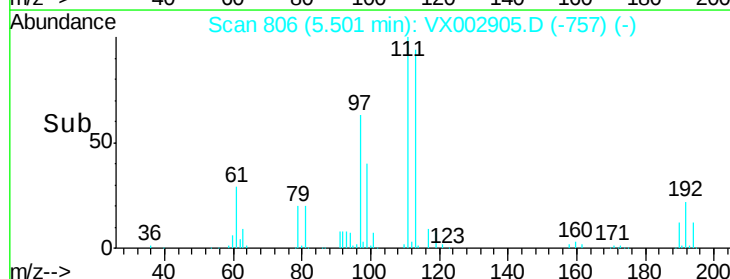
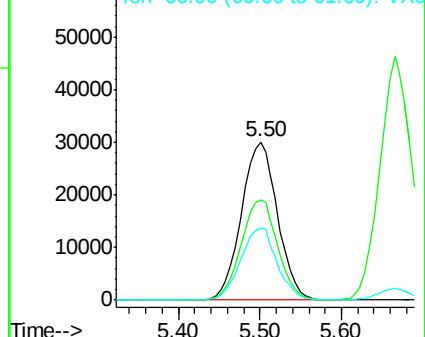


Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.54 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBS02

Tot Ion: 65 Resp: 176659

Ion Ratio Lower Upper

65 100

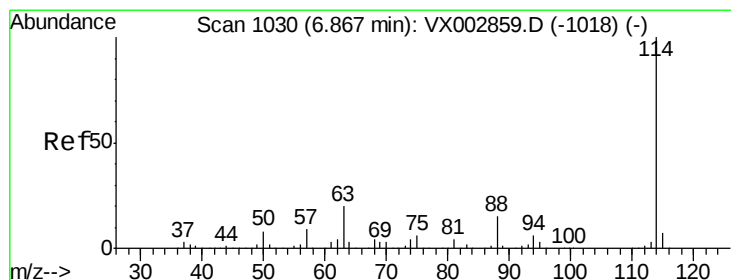
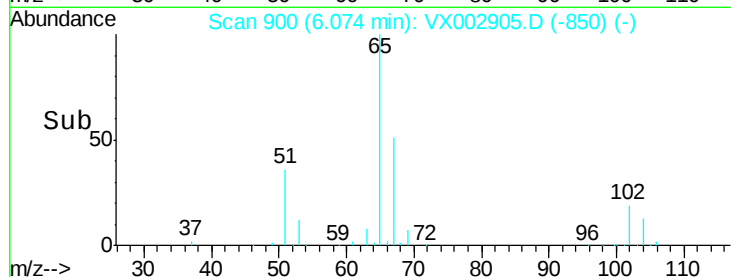
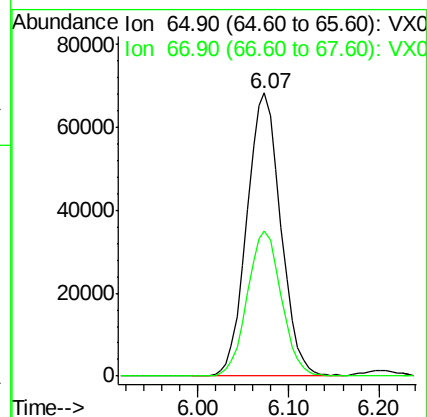
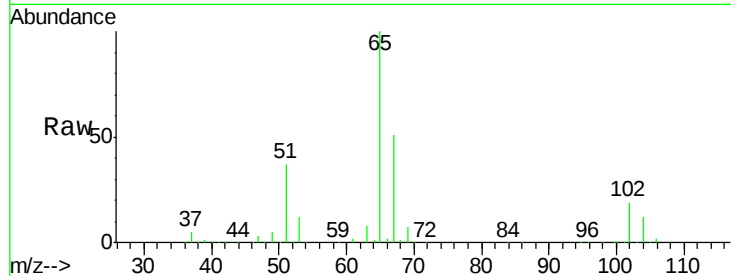
67 51.6 0.0 102.6

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

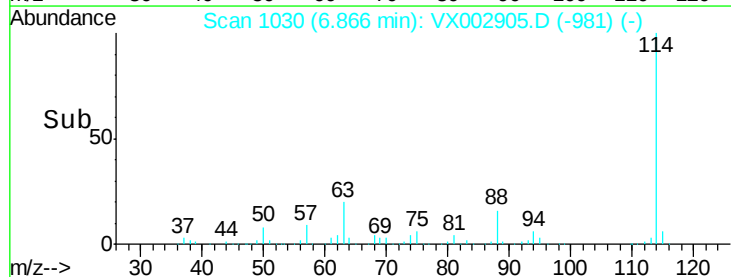
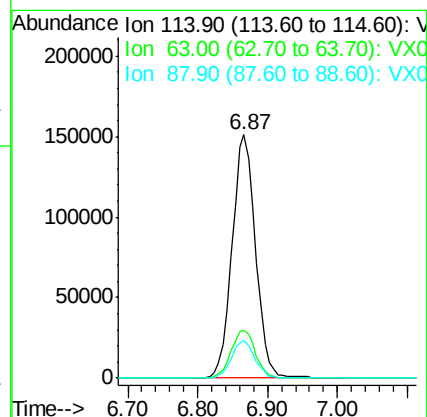
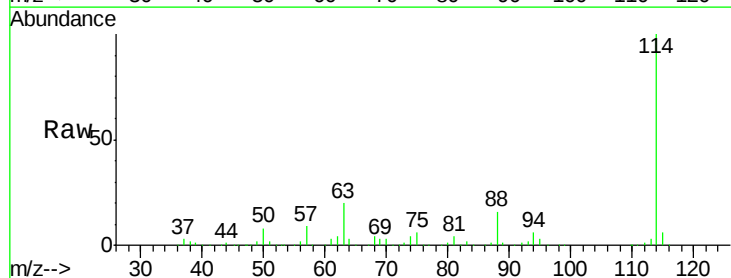
Tgt Ion: 114 Resp: 351907

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

88 15.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.51 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBS02

Tot Ion:113 Resp: 137966

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

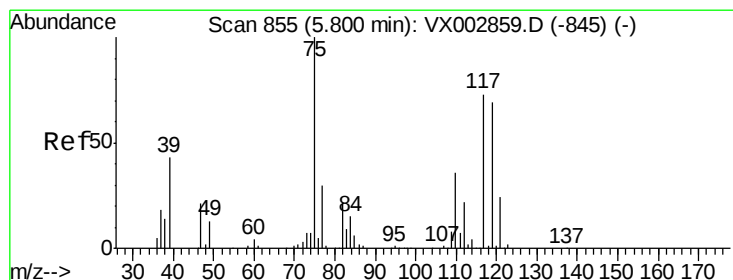
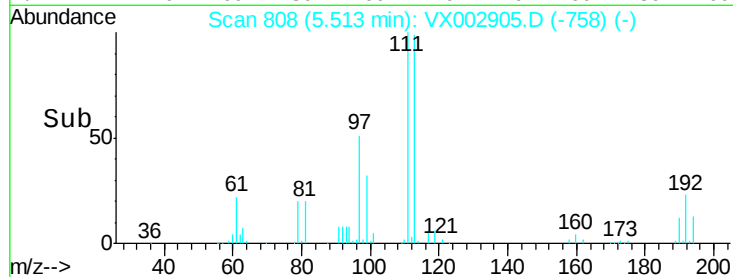
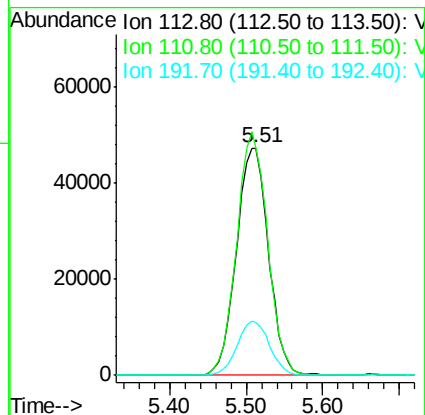
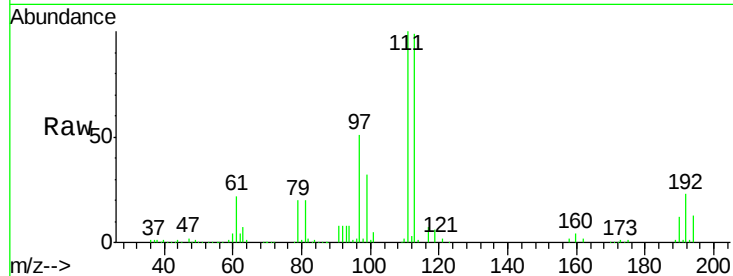
192 24.0 19.1 28.7

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#36

1,1-Dichloropropene

Concen: 18.82 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

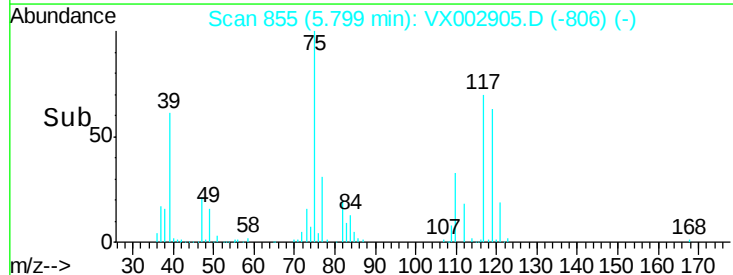
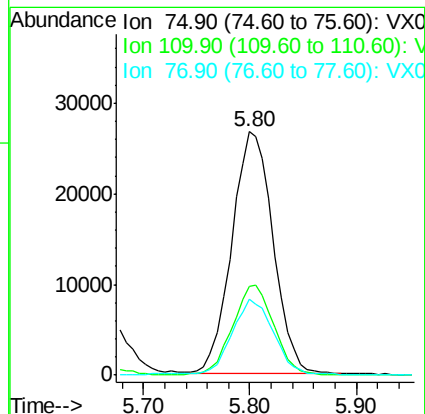
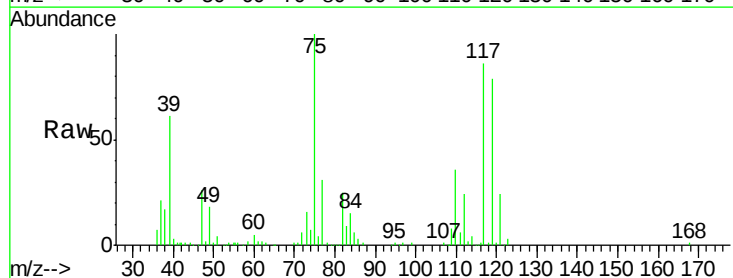
Tgt Ion: 75 Resp: 72631

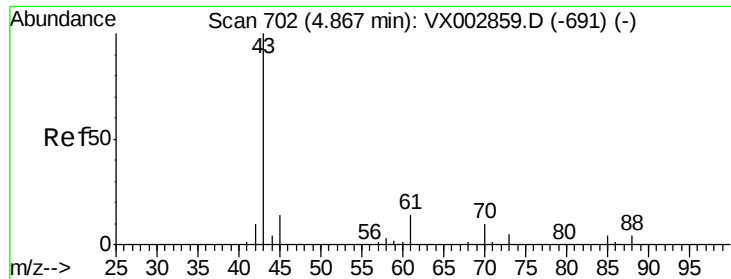
Ion Ratio Lower Upper

75 100

110 37.1 18.1 54.4

77 31.7 24.3 36.5





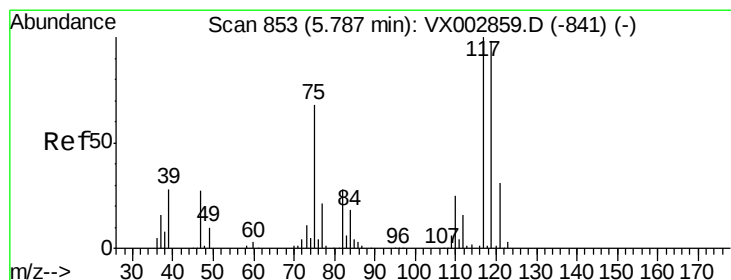
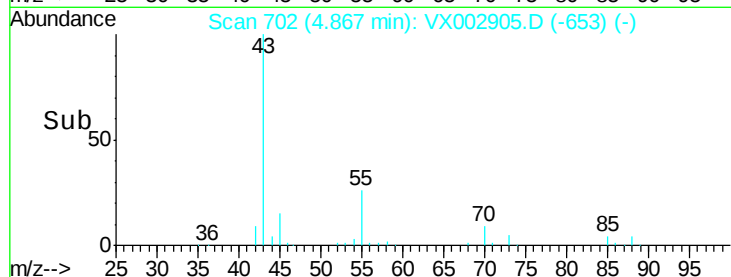
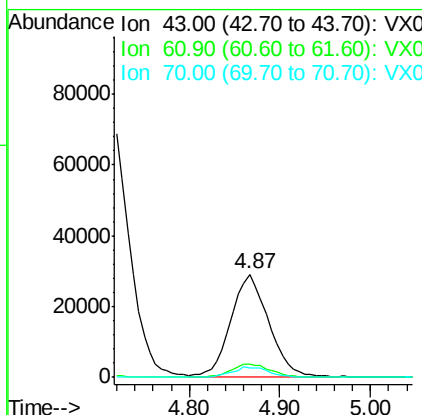
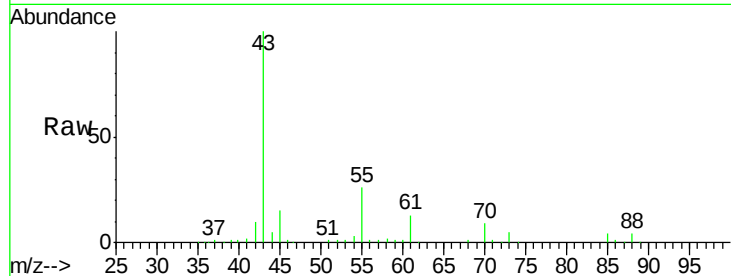
#37
Ethyl Acetate
Concen: 20.02 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.4	15.6
70	9.8	7.6	11.4

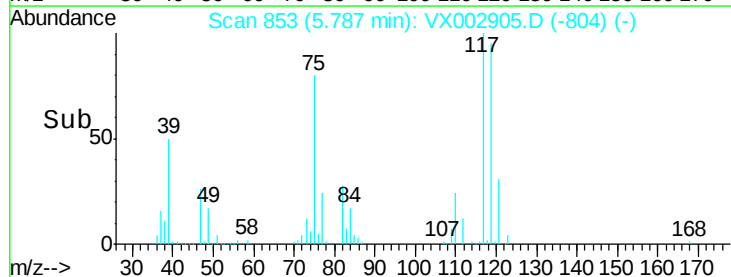
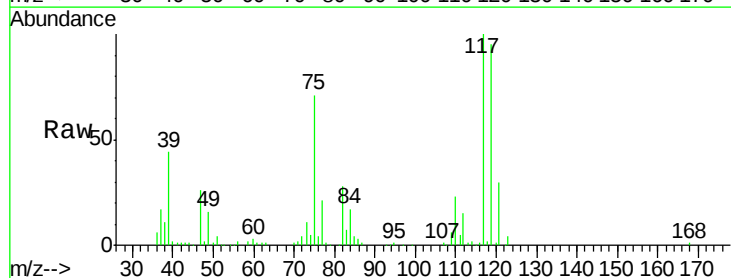
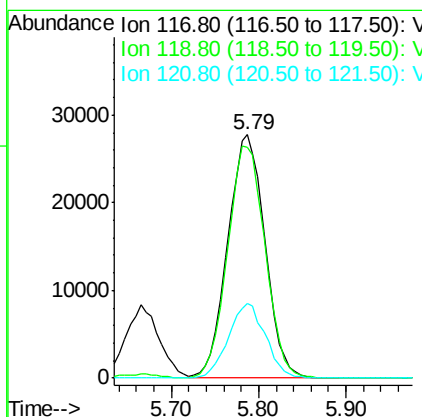
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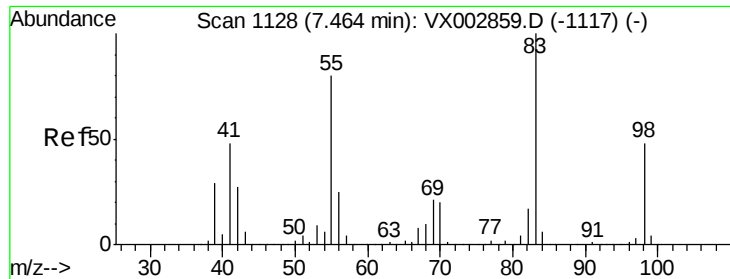
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.35 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.4	116.0
121	30.5	24.4	36.6





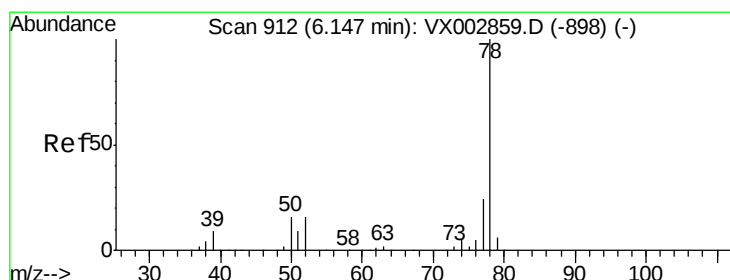
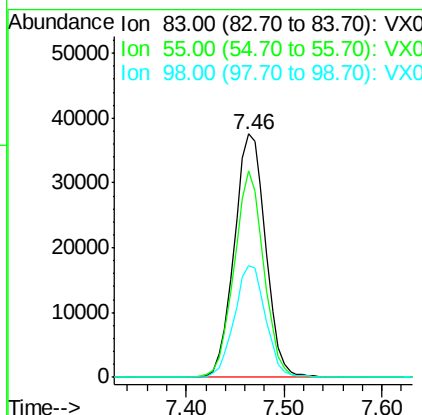
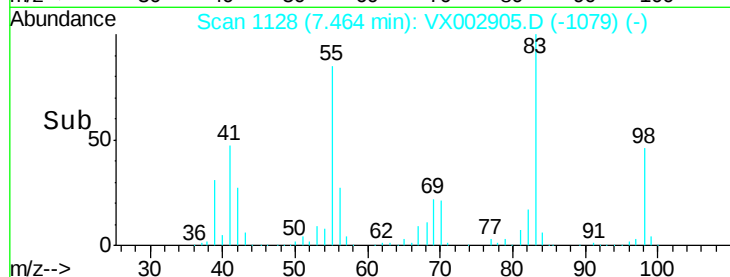
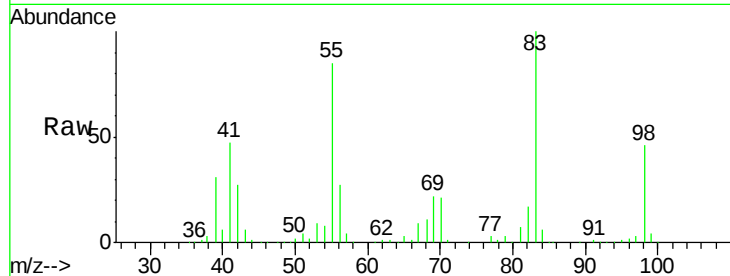
#39
Methvlcvclohexane
Concen: 18.57 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.5	65.4	98.0
98	45.7	37.4	56.0

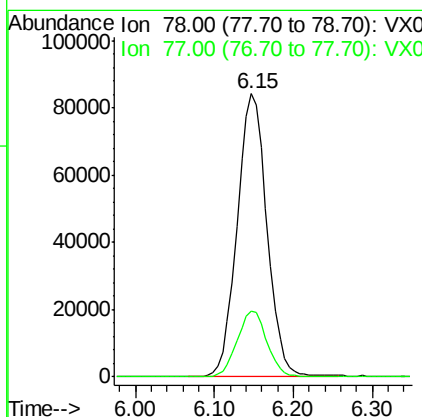
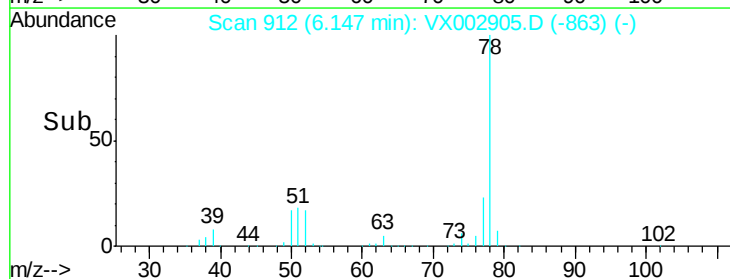
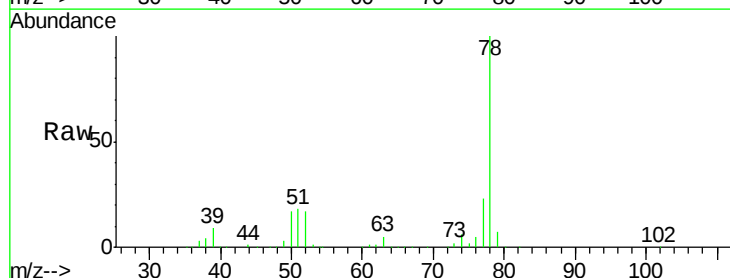
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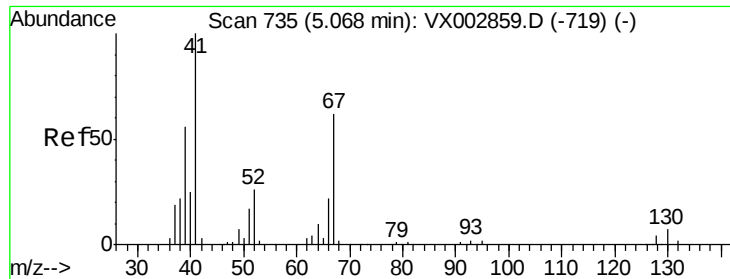
MMDadoda
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#40
Benzene
Concen: 19.80 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.1	28.7





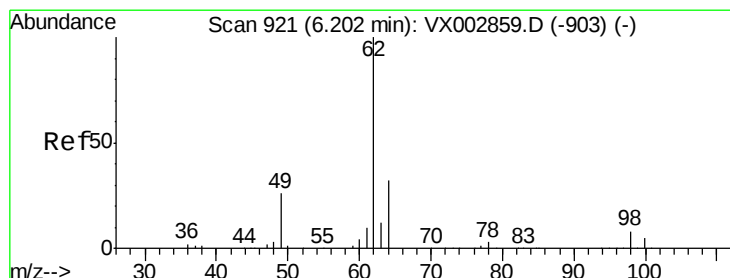
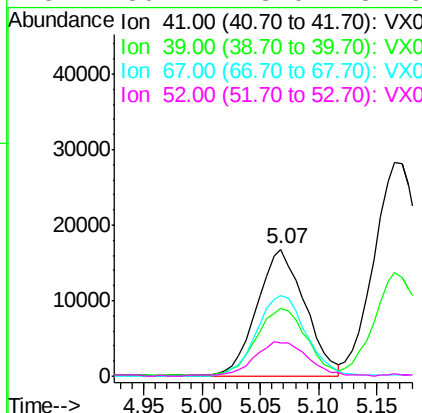
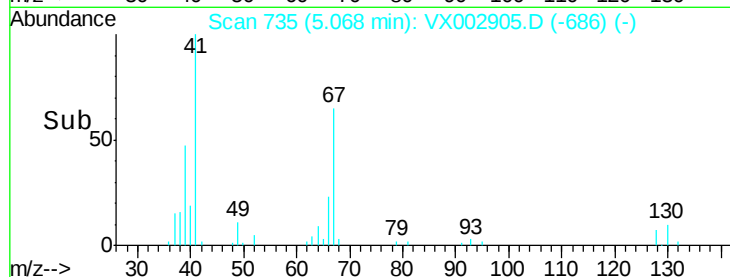
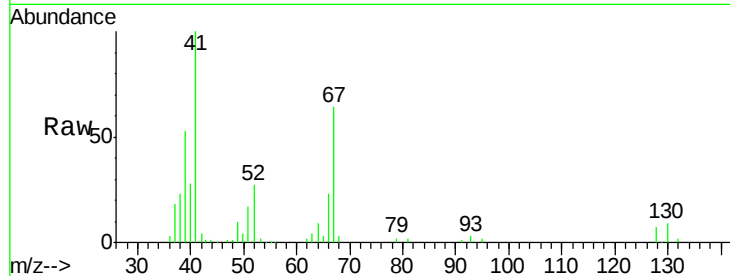
#41
Methacrylonitrile
Concen: 19.92 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.5	45.8	68.6	
67	66.4	51.3	76.9	
52	30.7	23.0	34.6	

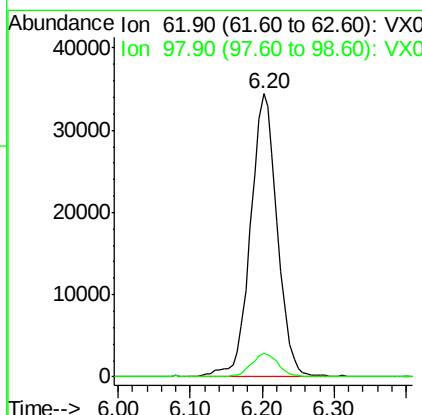
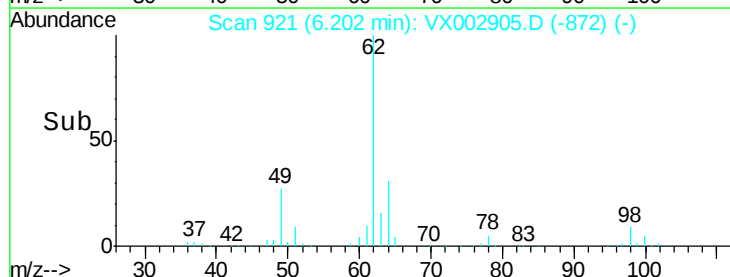
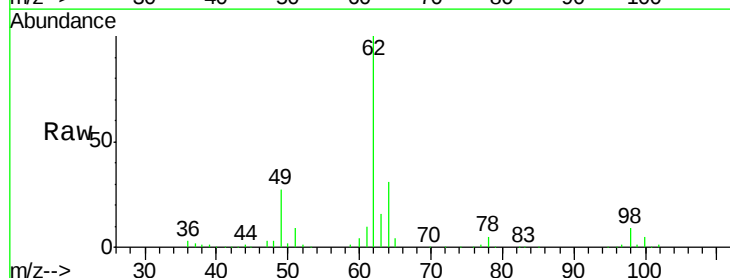
Manual Integrations
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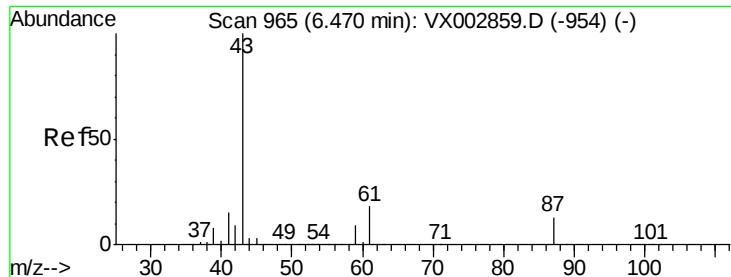
MMDadoda
6/28/2018 3:12:09 PM



#42
1,2-Dichloroethane
Concen: 19.45 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	16.6	





#43

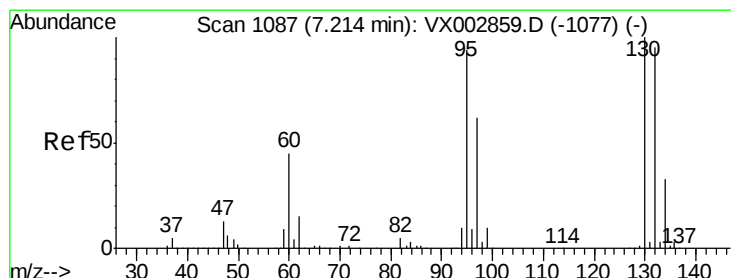
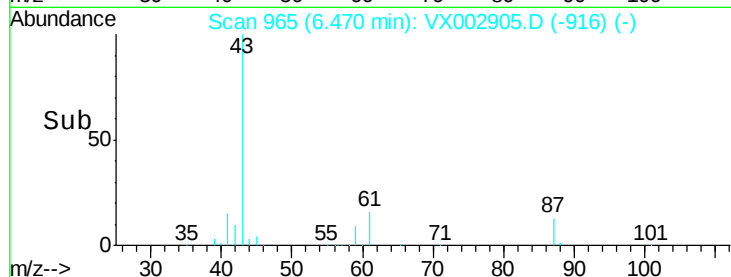
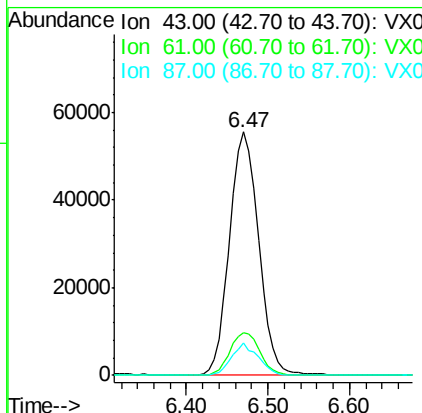
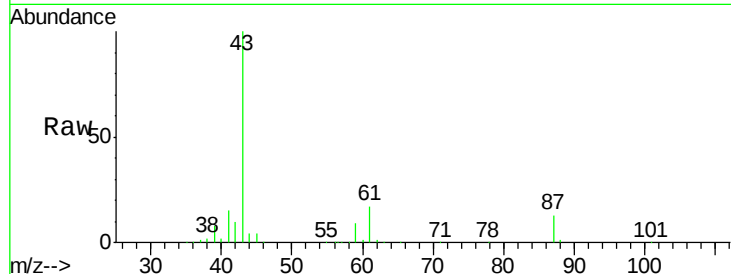
Isopropyl Acetate
 Concen: 19.61 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626MBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.0	14.4	21.6
87	12.2	9.5	14.3

Manual Integrations
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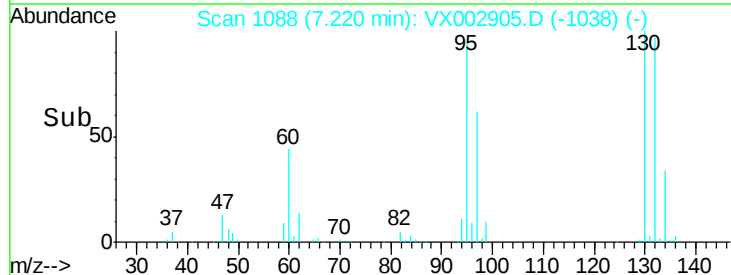
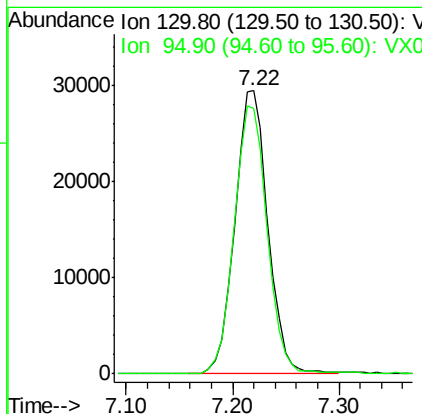
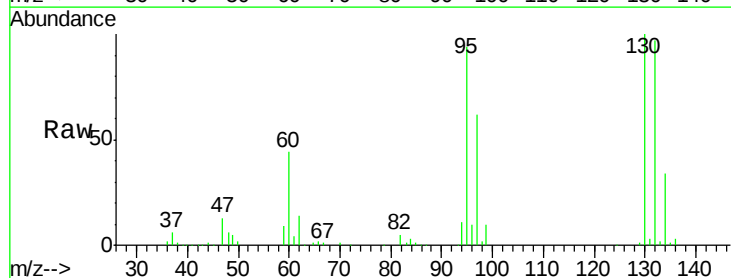
MMDadoda
 6/28/2018 3:12:09 PM



#44

Trichloroethene
 Concen: 19.19 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	185.4





#45

1,2-Dichloropropane

Concen: 19.70 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBS02

Tot Ion: 63 Resp: 58598

Ion Ratio Lower Upper

63 100

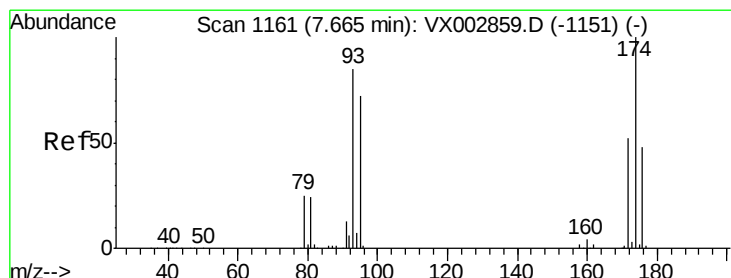
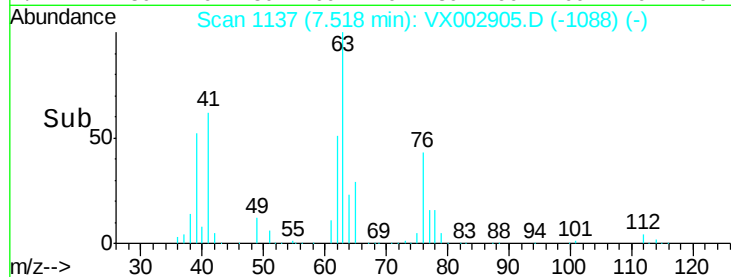
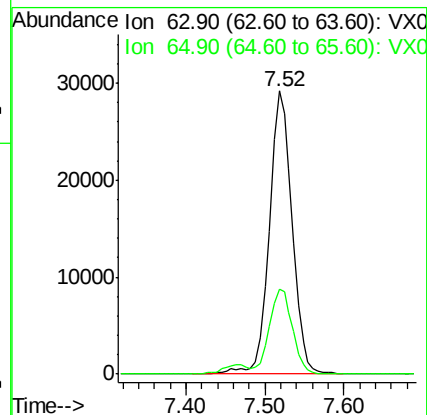
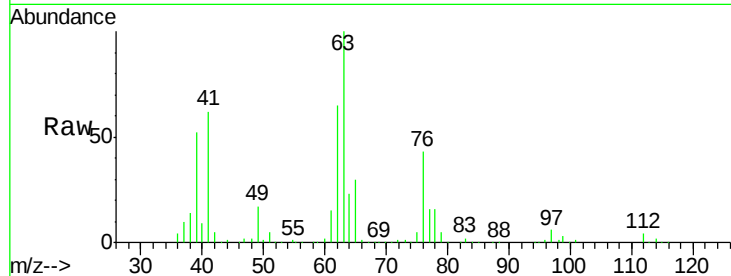
65 30.1 24.7 37.1

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#46

Dibromomethane

Concen: 19.87 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

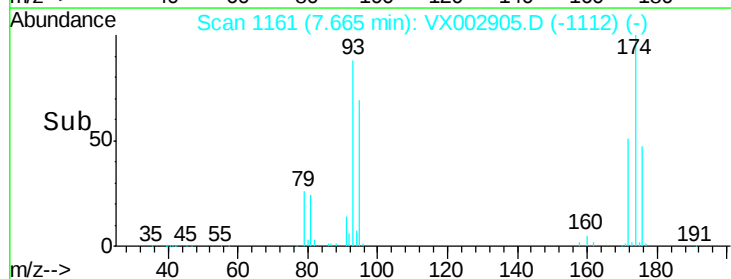
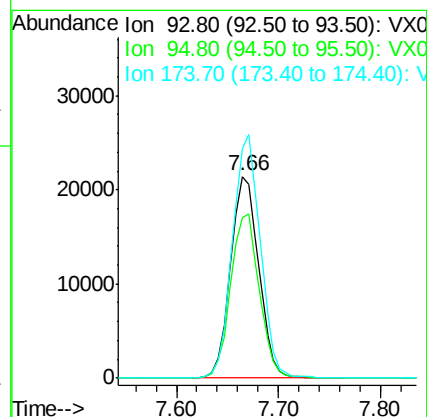
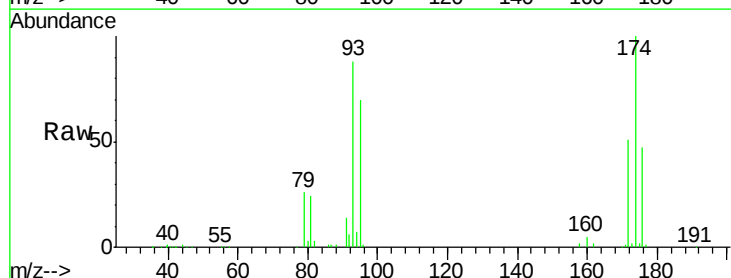
Tgt Ion: 93 Resp: 41020

Ion Ratio Lower Upper

93 100

95 82.2 65.9 98.9

174 118.7 92.4 138.6





#47

Bromodichloromethane

Concen: 19.78 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

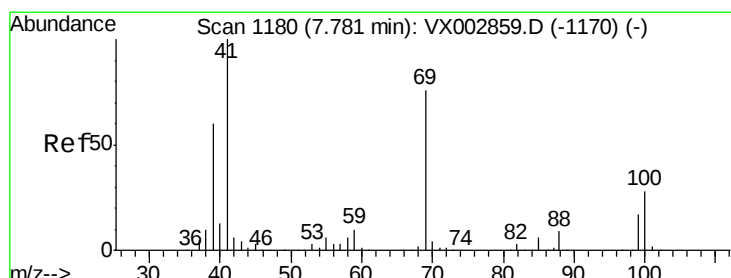
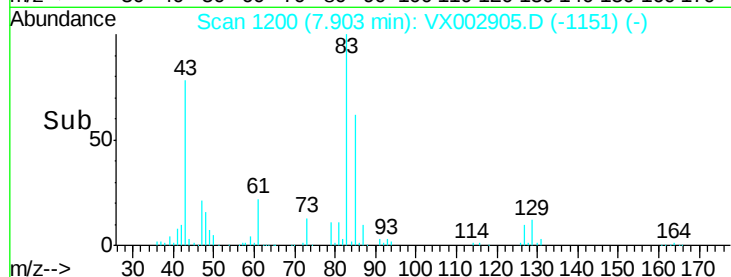
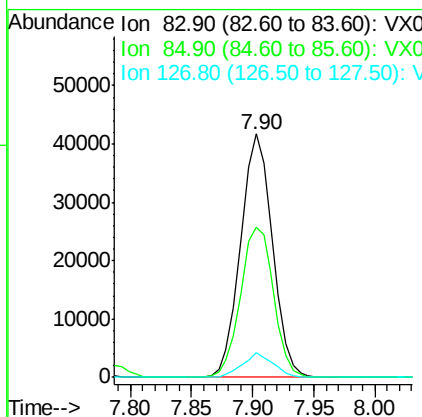
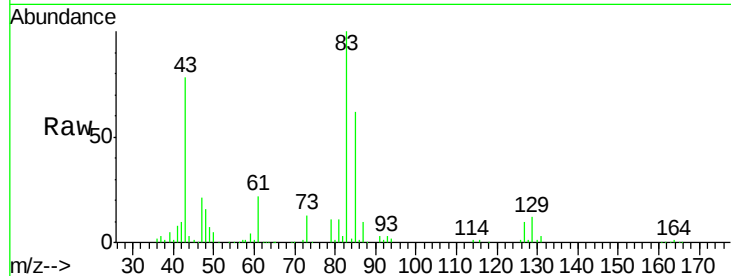
ClientSampleId :

VX0626MBS02

Tot Ion:	83	Resp:	75474
Ion	Ratio	Lower	Upper
83	100		
85	61.9	50.3	75.5
127	10.0	7.0	10.4

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#48

Methyl methacrylate

Concen: 20.08 ug/l

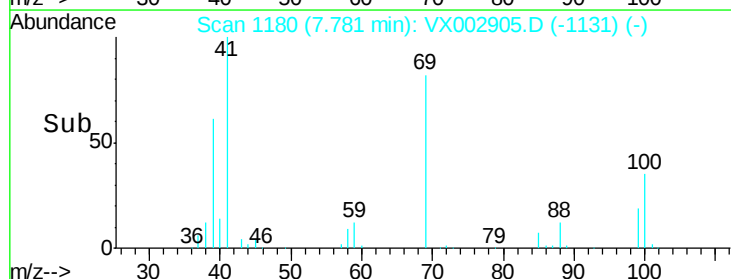
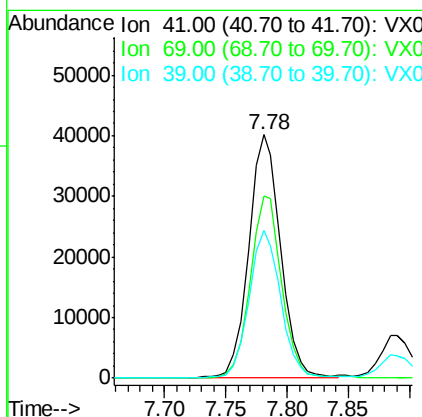
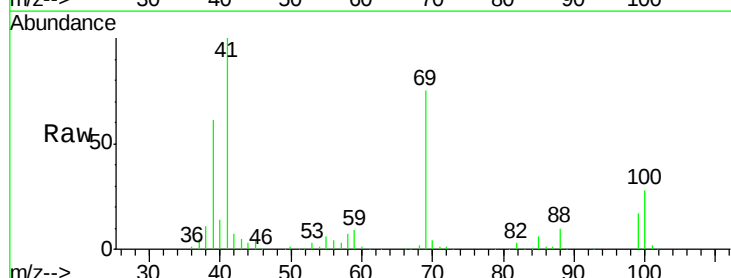
RT: 7.78 min Scan# 1180

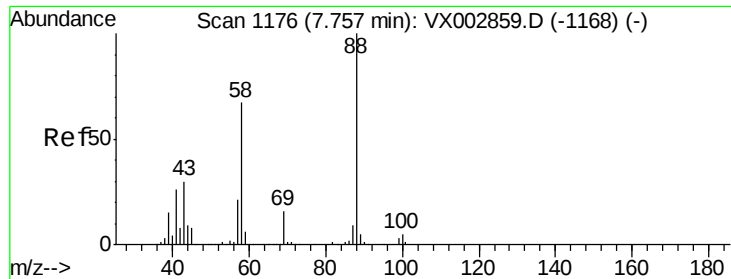
Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Tgt Ion:	41	Resp:	72091
Ion	Ratio	Lower	Upper
41	100		
69	74.6	59.1	88.7
39	60.4	48.9	73.3





#49

1,4-Dioxane

Concen: 415.20 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

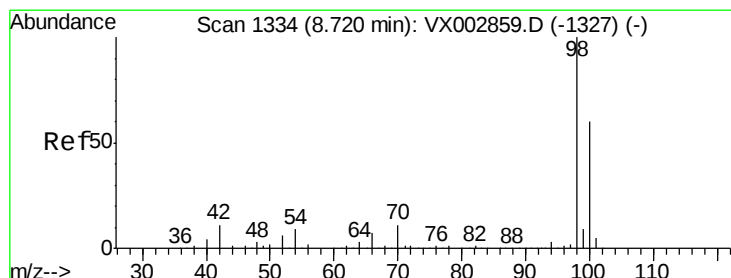
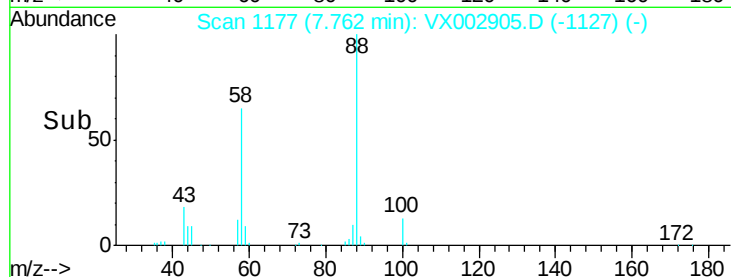
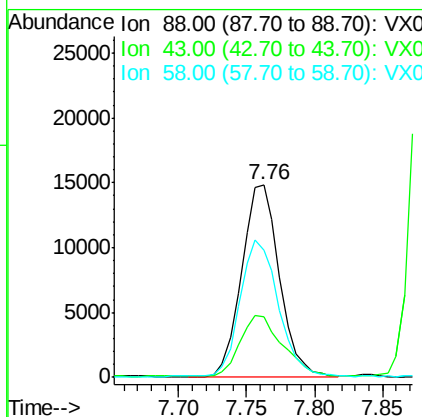
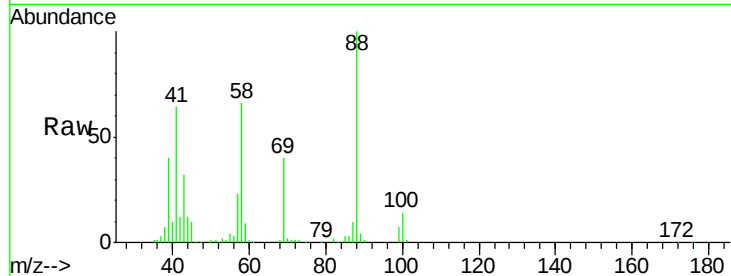
ClientSampled :

VX0626MBS02

Tot Ion:	88	Resp:	29005
Ion	Ratio	Lower	Upper
88	100		
43	34.8	29.8	44.6
58	73.5	57.1	85.7

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#50

Toluene-d8

Concen: 49.65 ug/l

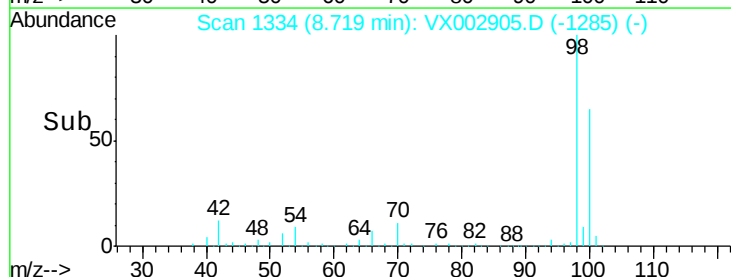
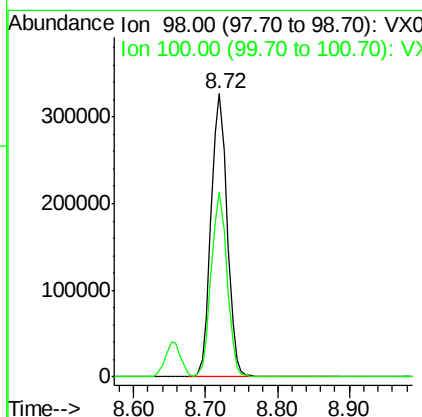
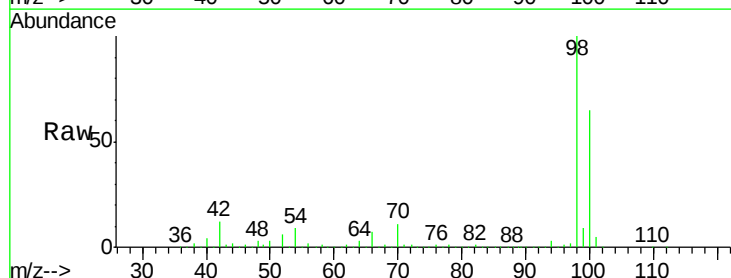
RT: 8.72 min Scan# 1334

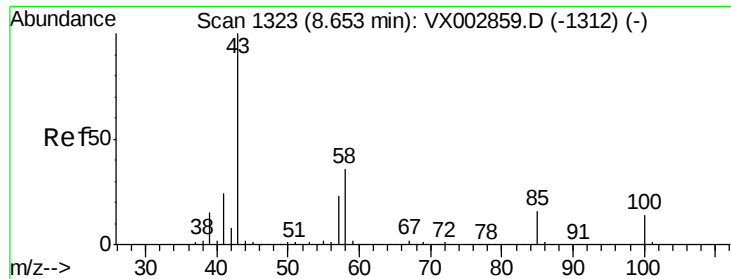
Delta R.T. 0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Tgt Ion:	98	Resp:	505305
Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 103.70 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBS02

Tot Ion: 43 Resp: 452141

Ion Ratio Lower Upper

43 100

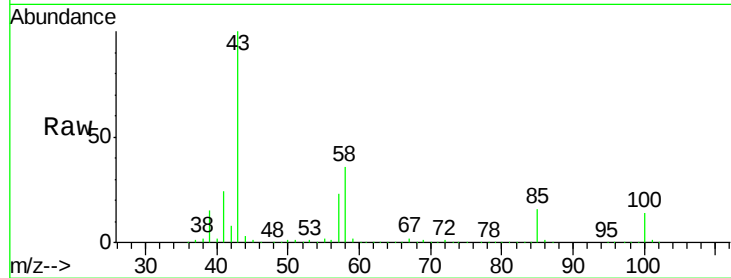
58 36.2 28.6 42.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

300000

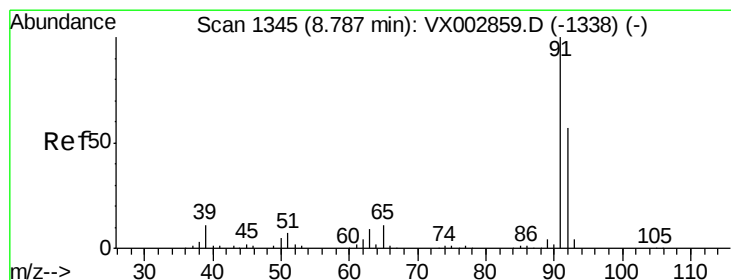
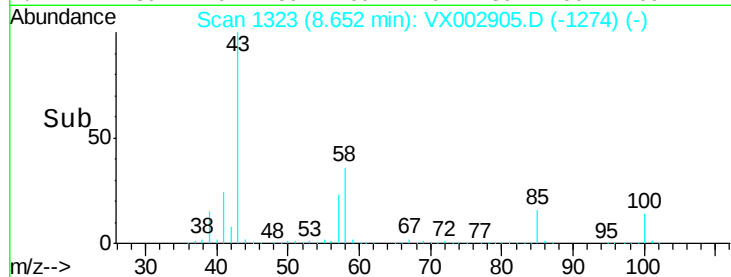
200000

100000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 19.87 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002905.D

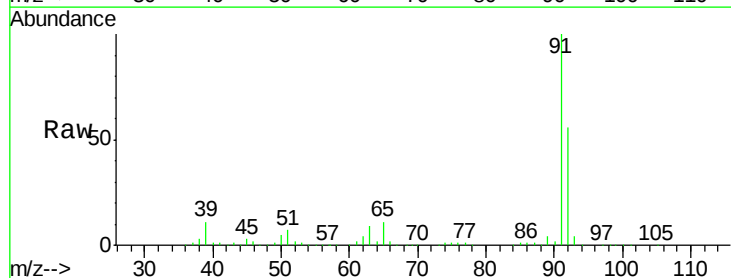
Acq: 26 Jun 2018 20:38

Tgt Ion: 92 Resp: 142711

Ion Ratio Lower Upper

92 100

91 175.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

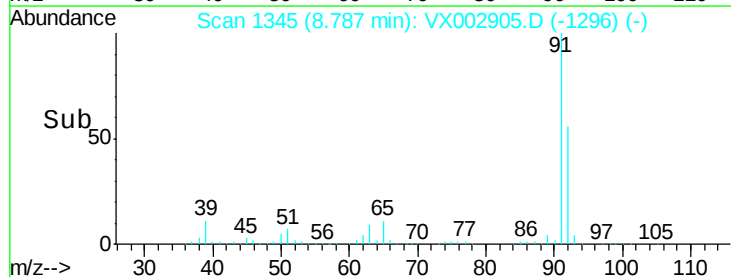
100000

50000

0

8.70 8.75 8.80 8.85

Time-->





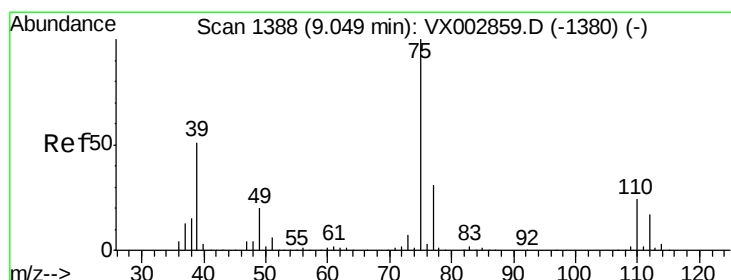
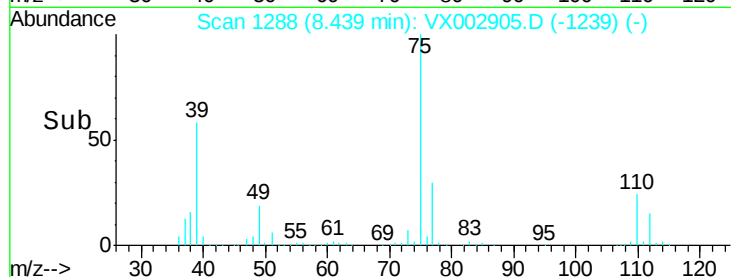
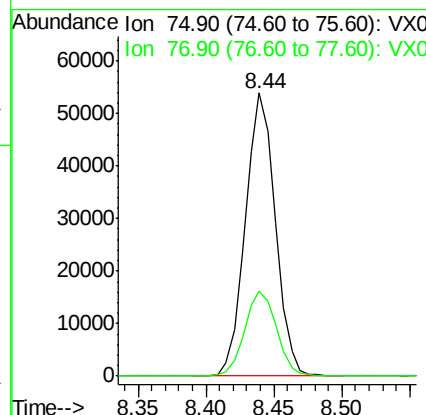
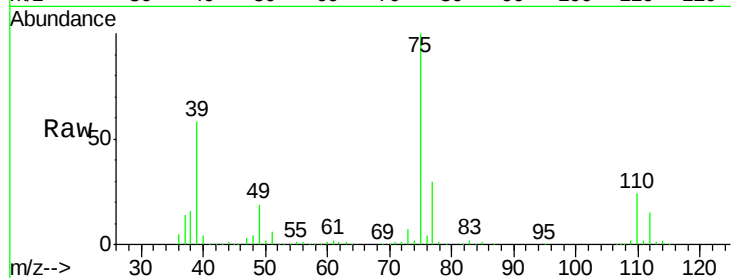
#53
t-1,3-Dichloropropene
Concen: 19.25 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBS02

Tot Ion: 75 Resp: 83210
Ion Ratio Lower Upper
75 100
77 29.7 25.4 38.2

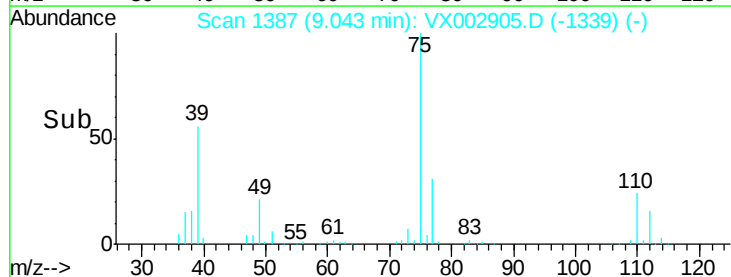
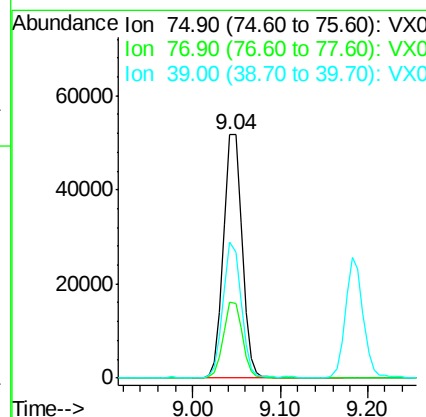
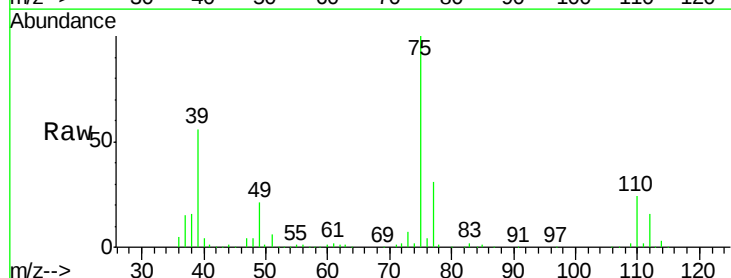
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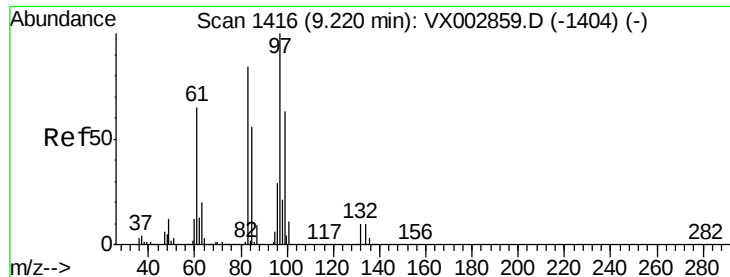
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.35 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion: 75 Resp: 76297
Ion Ratio Lower Upper
75 100
77 31.1 24.8 37.2
39 55.6 42.4 63.6





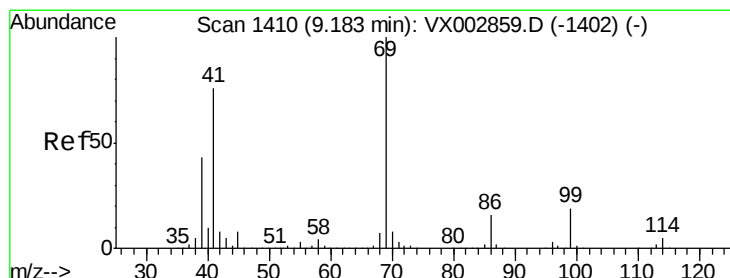
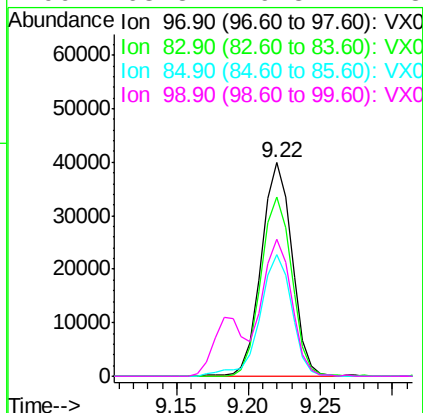
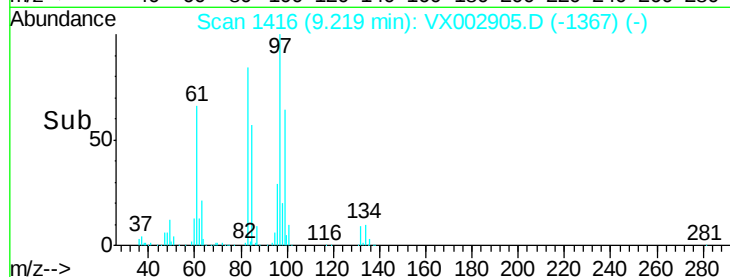
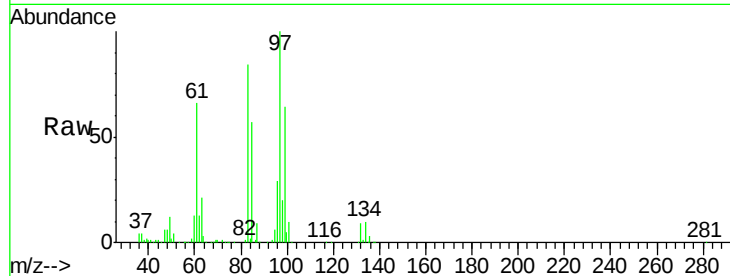
#55
 1,1,2-Trichloroethane
 Concen: 20.00 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626MBS02

Tot Ion:	97	Resp:	59027
Ion	Ratio	Lower	Upper
97	100		
83	83.7	70.2	105.2
85	57.1	44.9	67.3
99	63.8	49.8	74.8

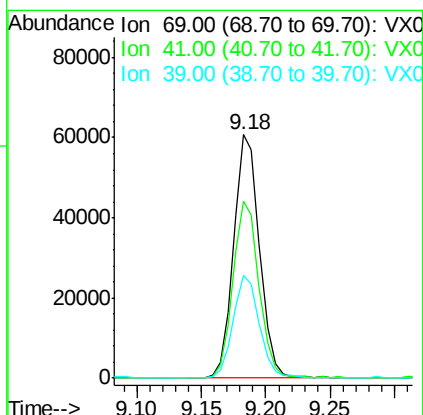
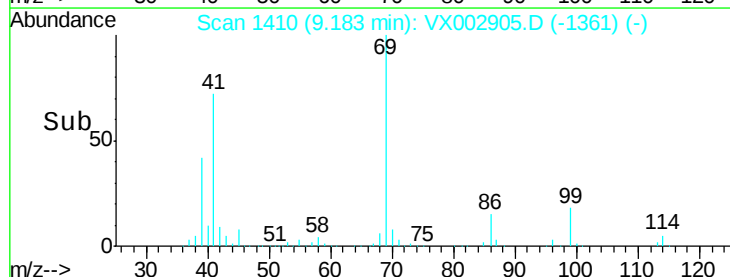
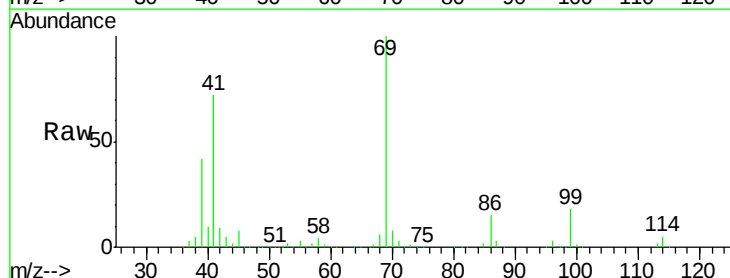
Manual Integrations
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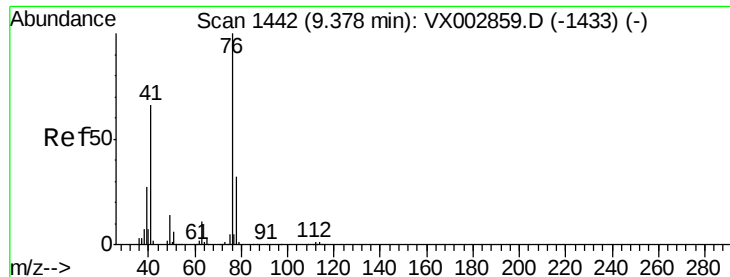
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 19.71 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

Tgt Ion:	69	Resp:	85025
Ion	Ratio	Lower	Upper
69	100		
41	72.8	60.3	90.5
39	42.5	35.8	53.8





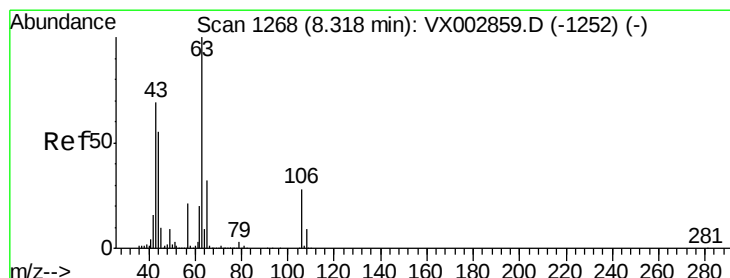
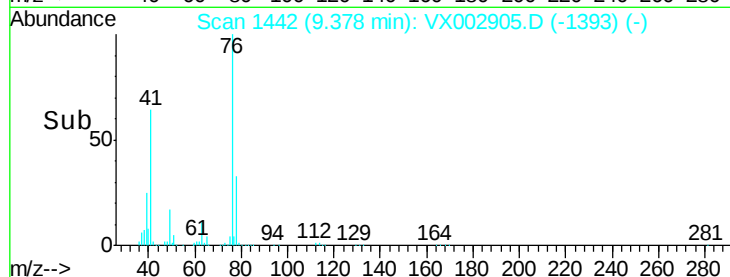
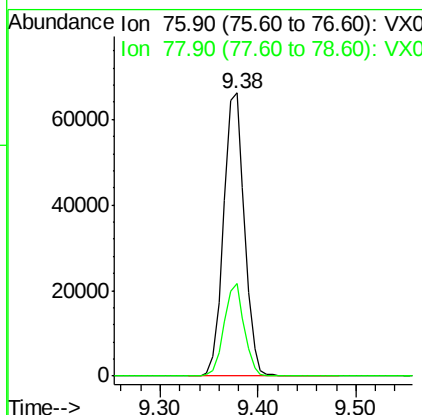
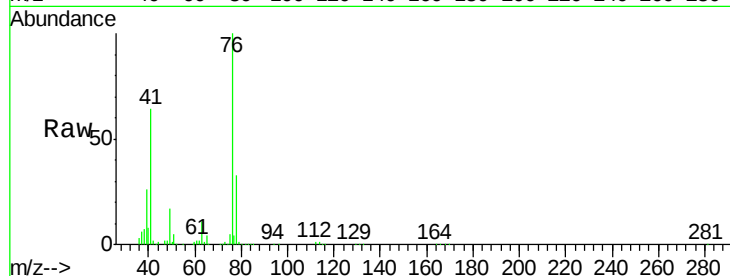
#57
 1,3-Dichloropropane
 Concen: 20.20 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626MBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	25.8	38.6

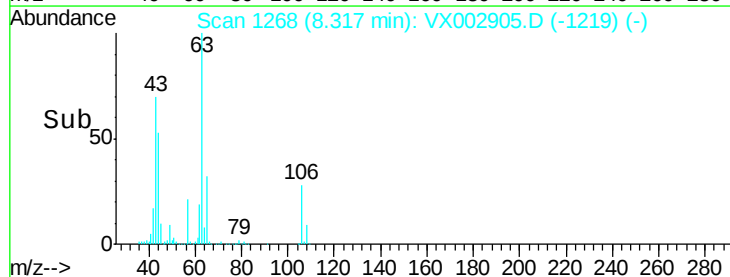
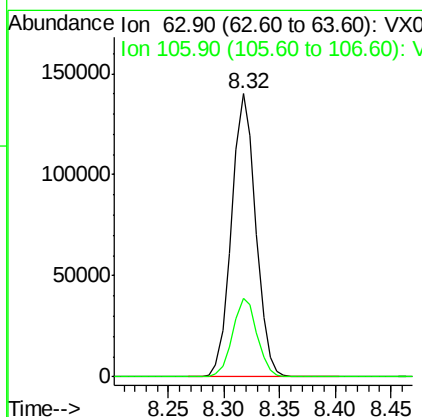
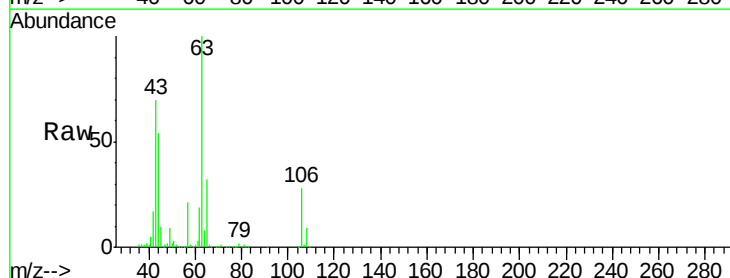
Manual Integrations
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#58
 2-Chloroethyl Vinyl ether
 Concen: 101.68 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	21.8	32.8





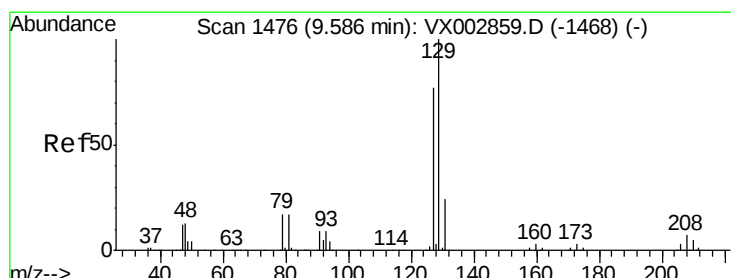
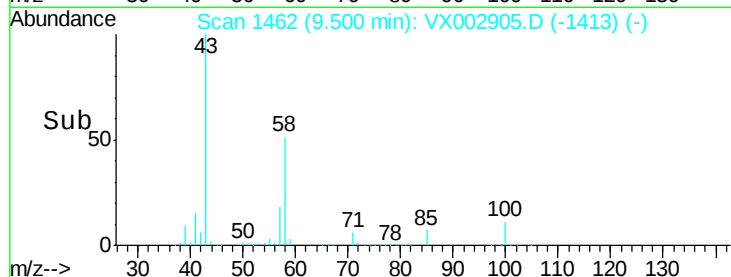
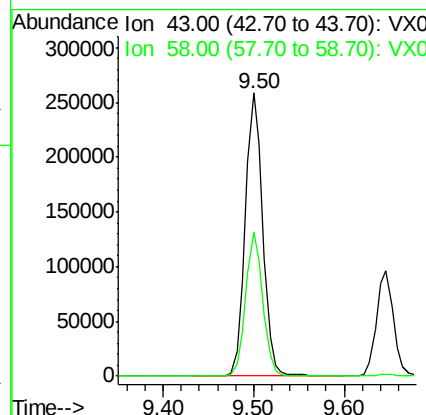
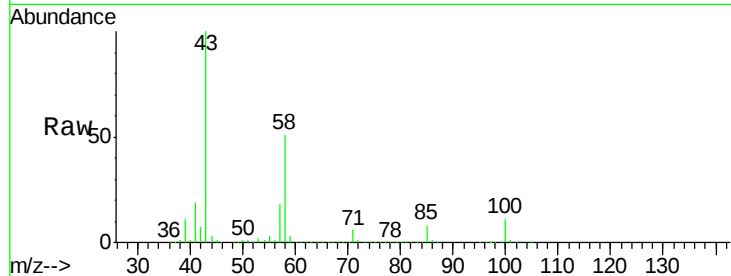
#59
2-Hexanone
Concen: 104.04 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBS02

Tot Ion	43	58	Ratio	Lower	Upper
344760	100	49.9		24.6	73.6

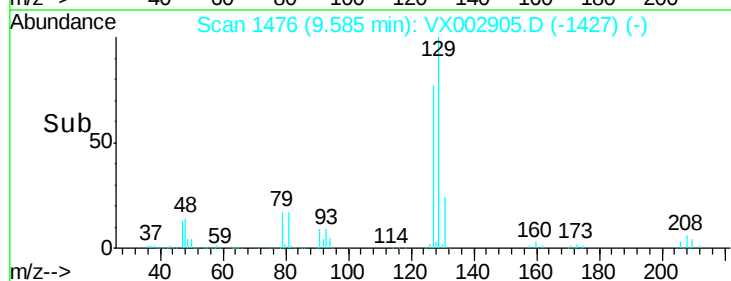
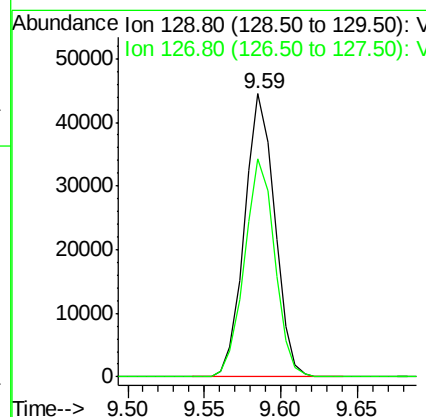
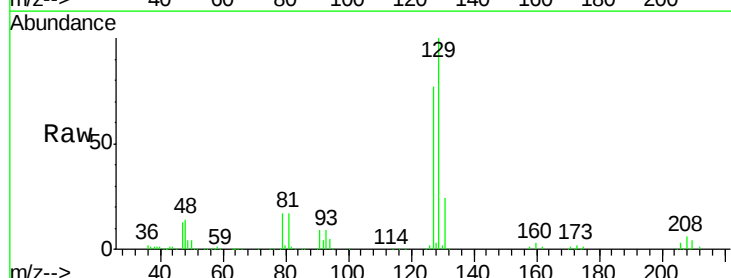
Manual Integrations
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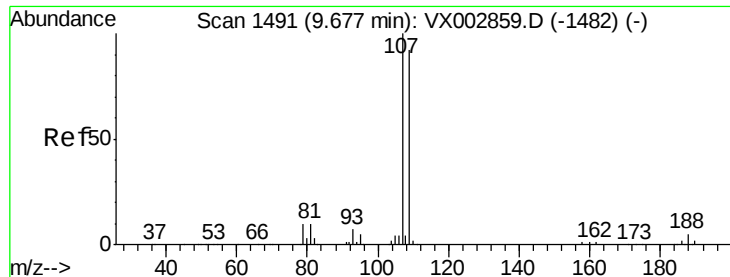
MMDadoda
6/28/2018 3:12:09 PM



#60
Dibromochloromethane
Concen: 19.64 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion	129	127	Ratio	Lower	Upper
61034	100	77.2		38.5	115.3





#61

1,2-Dibromoethane

Concen: 20.06 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBS02

Tot Ion:107 Resp: 62098

Ion Ratio Lower Upper

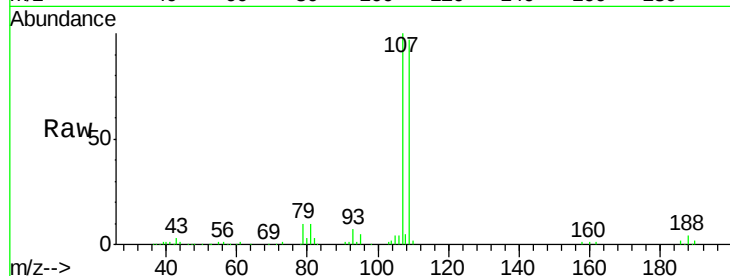
107 100

109 94.2 75.3 112.9

Manual Integrations
APPROVED

MMDadoda

6/28/2018 3:12:09 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

50000

40000

30000

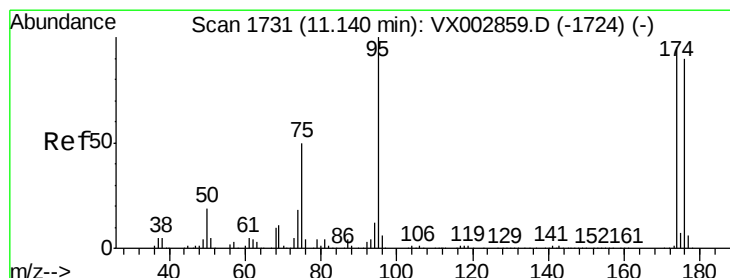
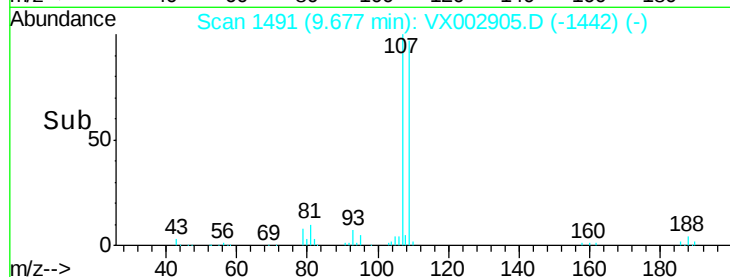
20000

10000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 48.66 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

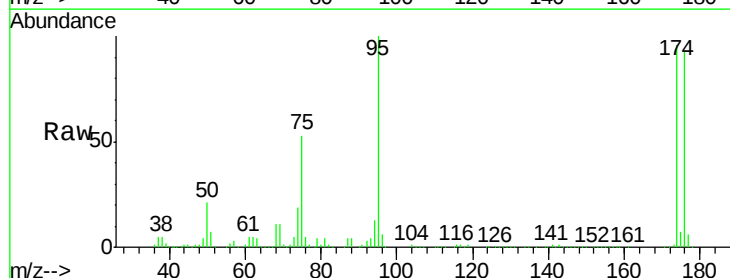
Tgt Ion: 95 Resp: 190970

Ion Ratio Lower Upper

95 100

174 96.5 0.0 187.4

176 93.7 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

200000

150000

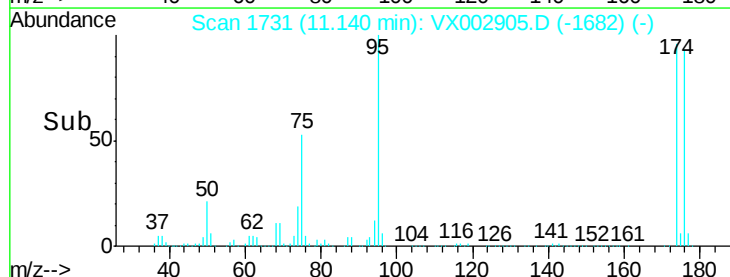
100000

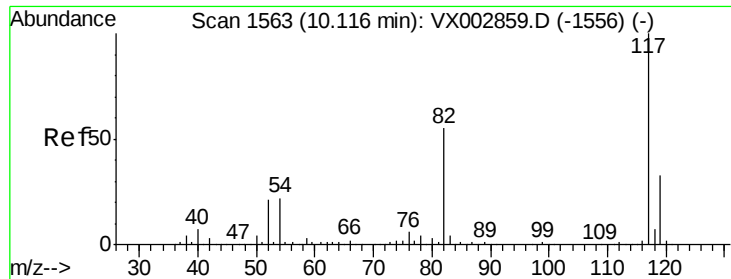
50000

0

Time-->

11.10 11.20





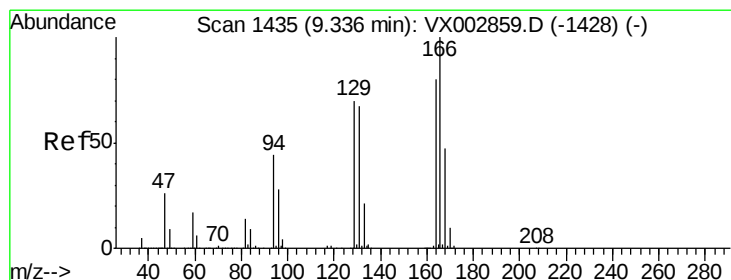
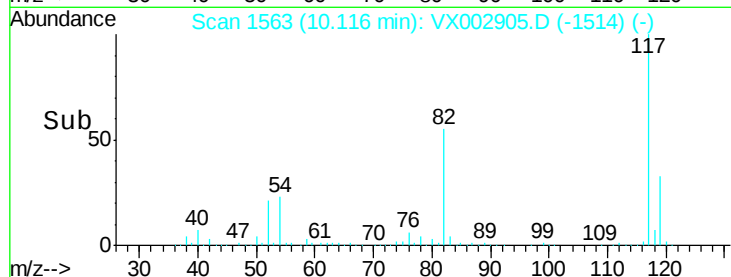
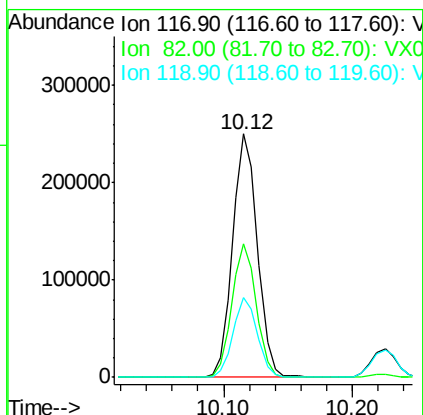
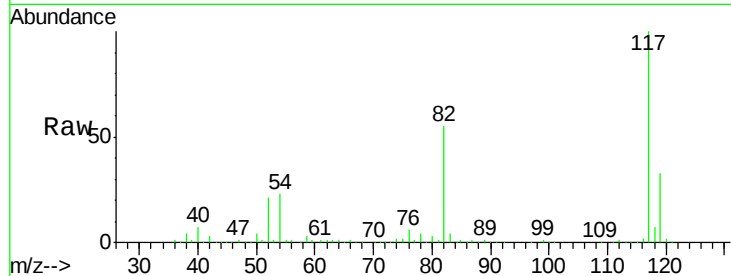
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	45.0	67.4
119	32.6	25.8	38.6

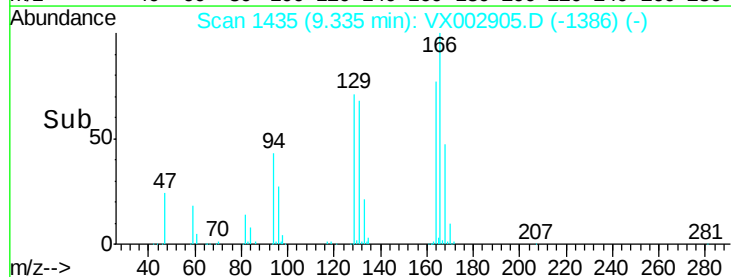
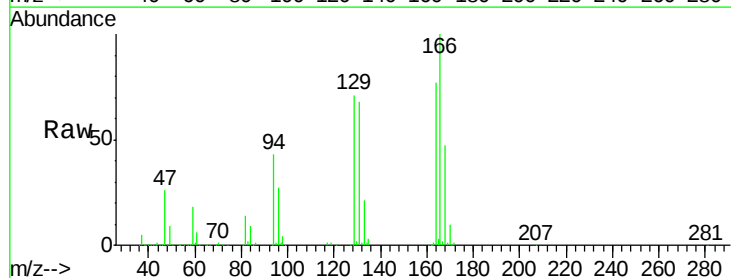
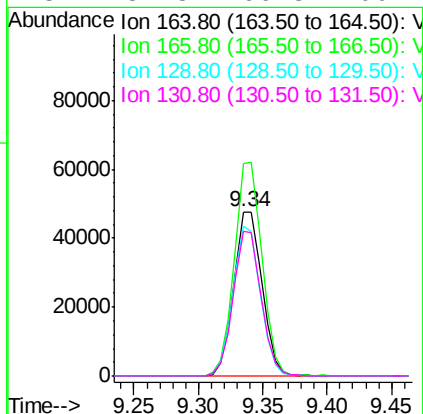
Manual Integrations
APPROVED

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#64
Tetrachloroethene
Concen: 19.57 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	102.9	154.3
129	91.5	68.6	102.8
131	87.8	66.8	100.2





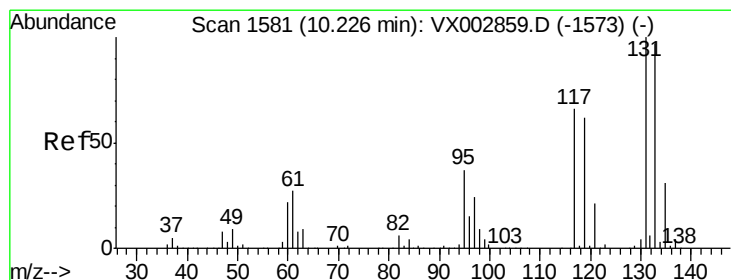
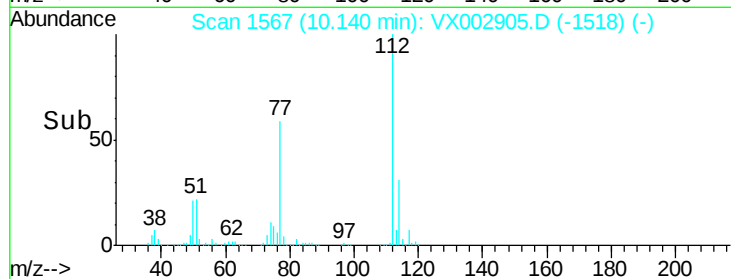
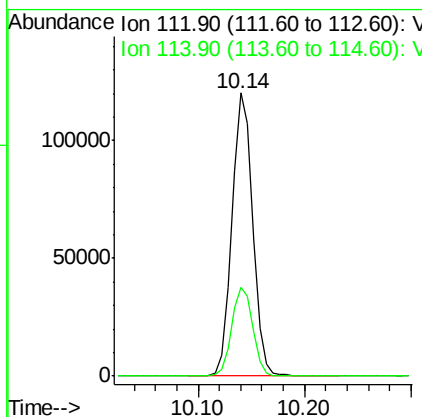
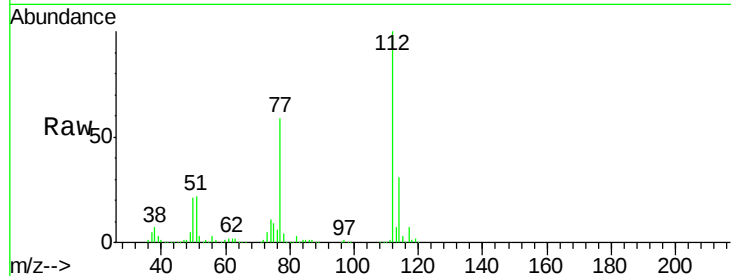
#65
Chlorobenzene
Concen: 19.29 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampled :
VX0626MBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.3	37.9

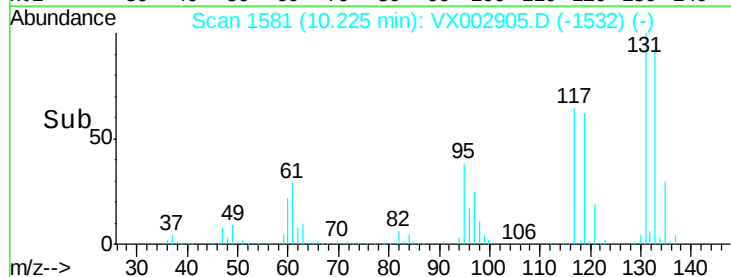
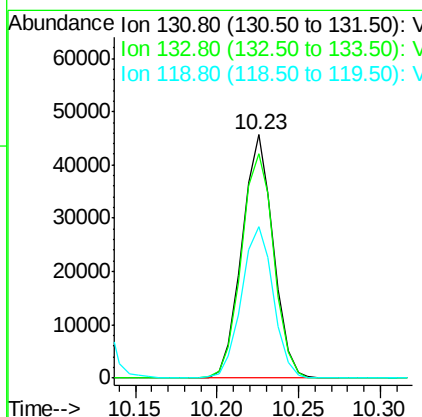
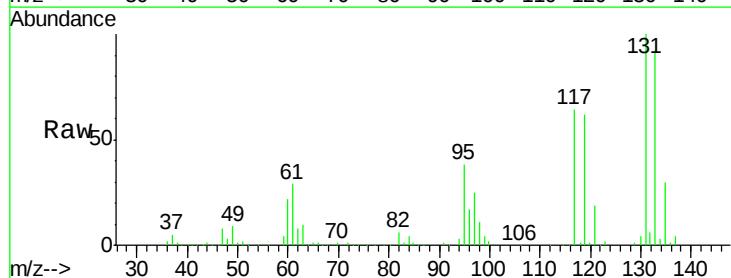
Manual Integrations
APPROVED

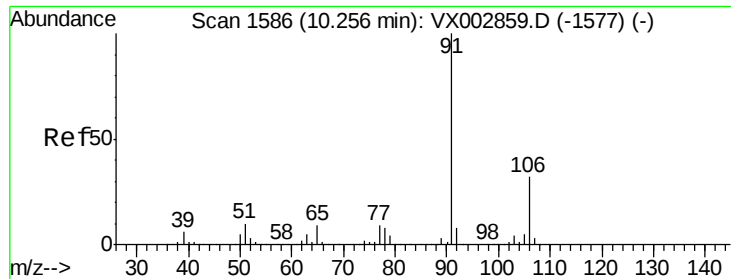
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.69 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.9	143.6
119	63.5	31.8	95.3





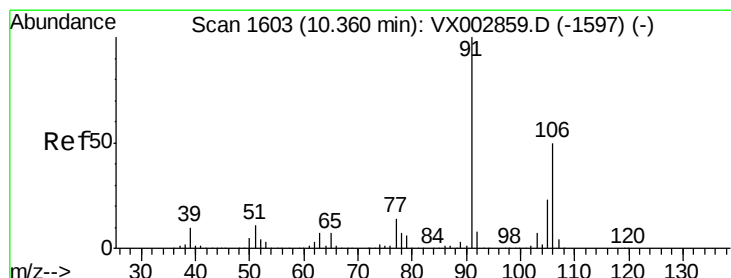
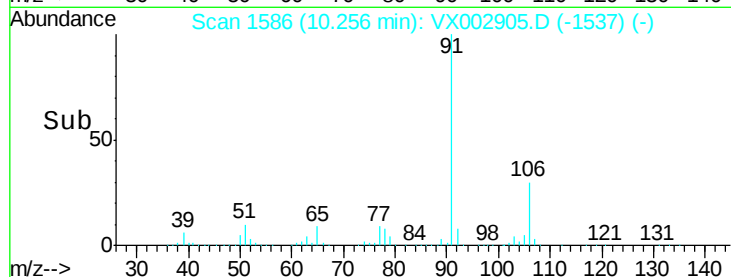
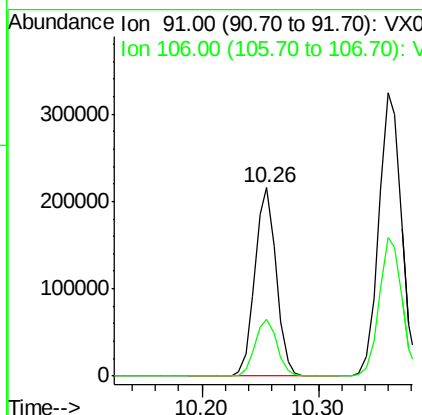
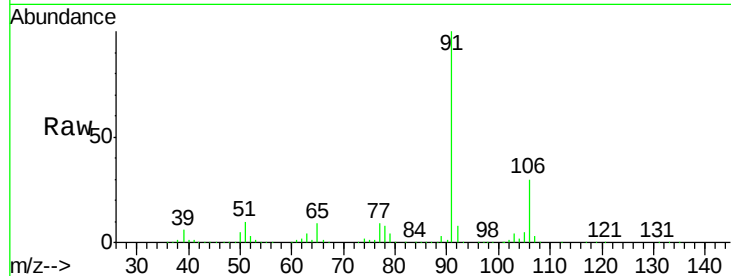
#67
Ethyl Benzene
Concen: 19.69 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBS02

Tot Ion: 91 Resp: 277879
Ion Ratio Lower Upper
91 100
106 30.1 25.5 38.3

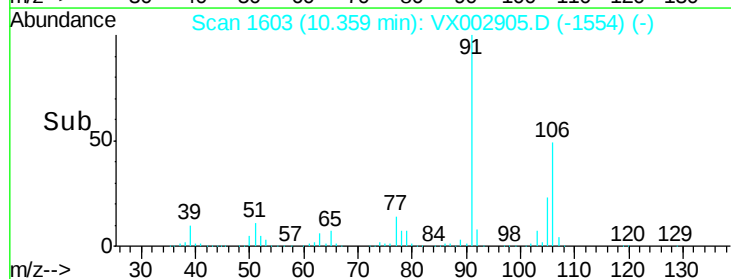
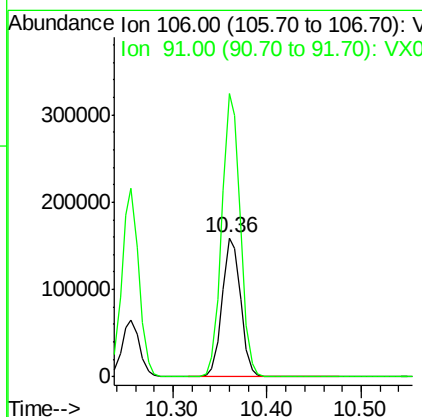
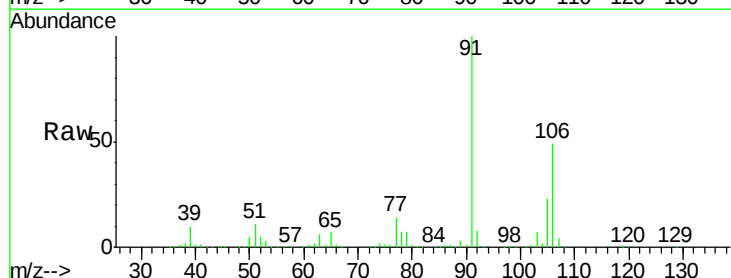
Manual Integrations
APPROVED

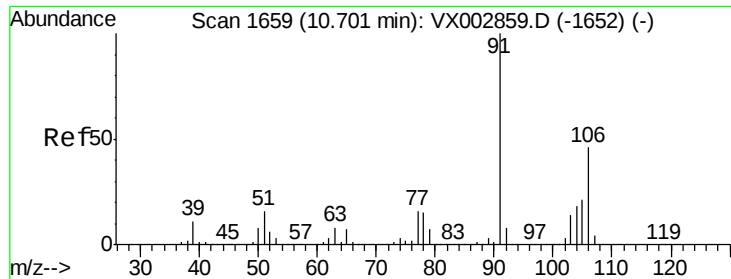
MMDadoda
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#68
m/p-Xylenes
Concen: 39.61 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion: 106 Resp: 215443
Ion Ratio Lower Upper
106 100
91 204.0 163.4 245.2





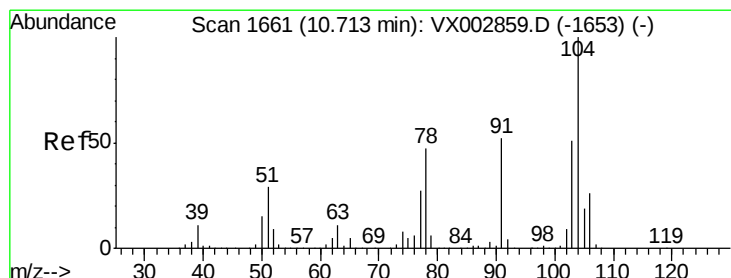
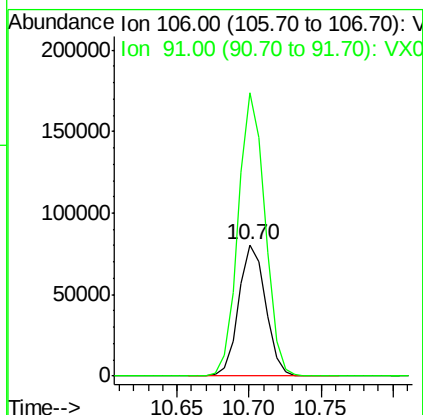
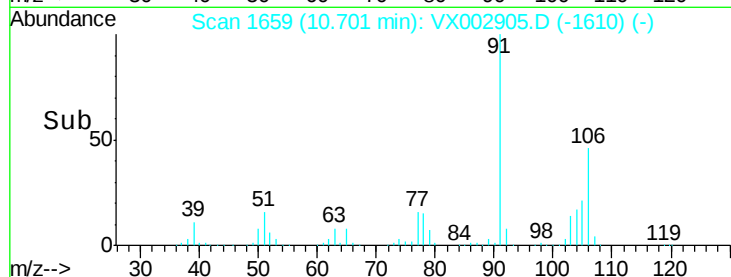
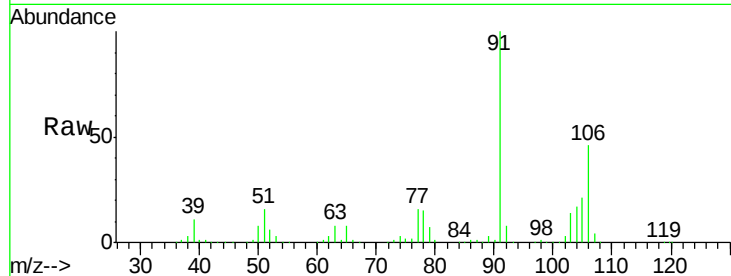
#69
o-Xylene
Concen: 19.83 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBS02

Tot Ion:106 Resp: 105026
Ion Ratio Lower Upper
106 100
91 214.5 108.2 324.6

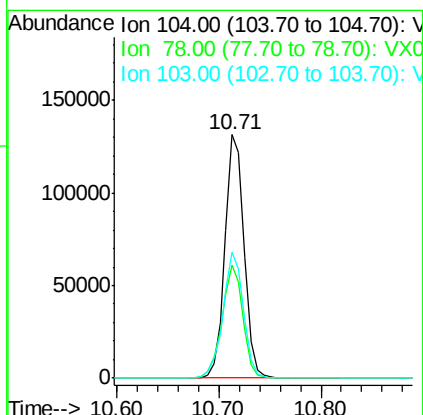
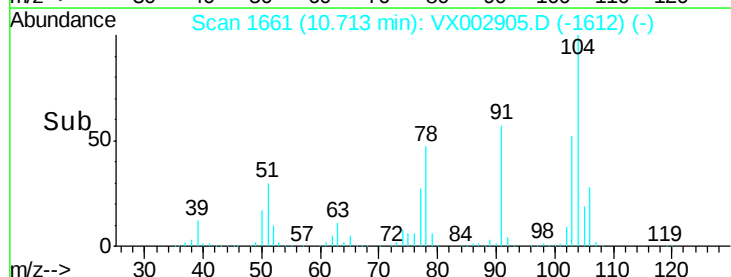
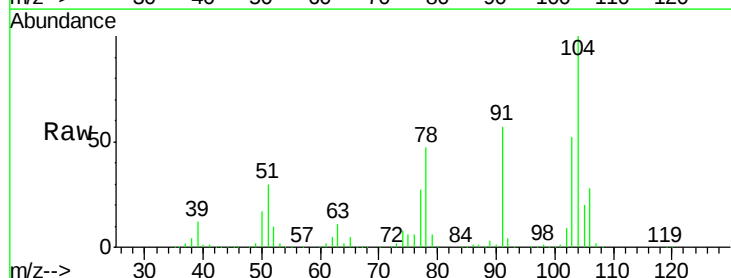
Manual Integrations
APPROVED

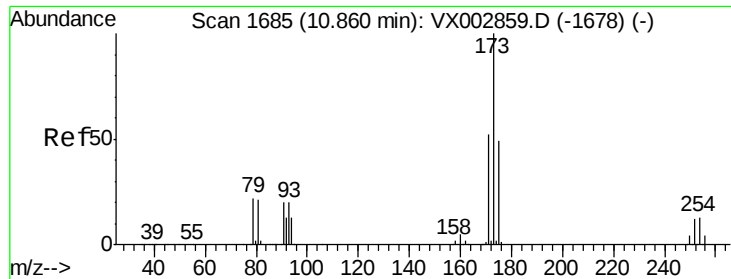
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#70
Styrene
Concen: 19.79 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion:104 Resp: 170302
Ion Ratio Lower Upper
104 100
78 50.9 41.0 61.6
103 55.7 44.2 66.4





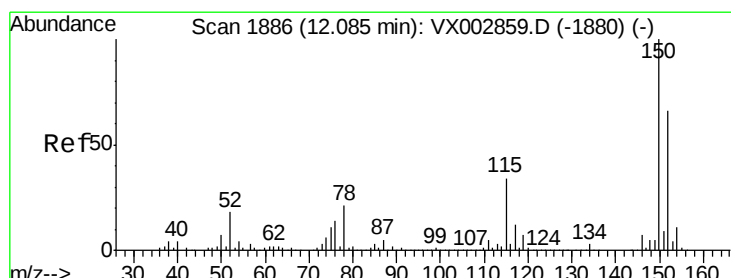
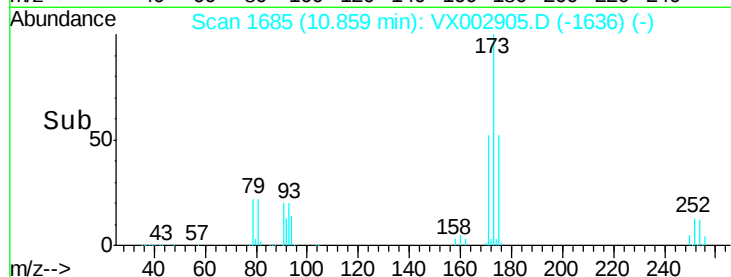
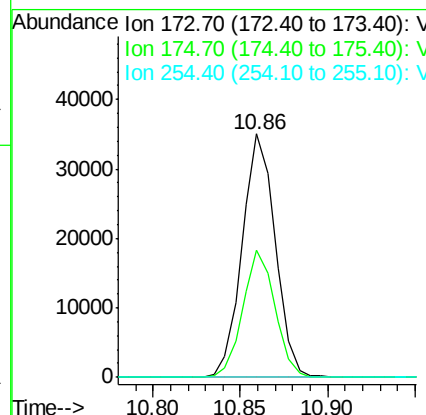
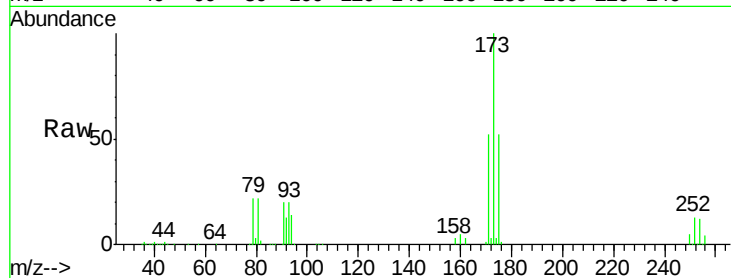
#71
Bromoform
Concen: 19.06 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.4	24.7	74.1
254	0.1	0.2	0.2

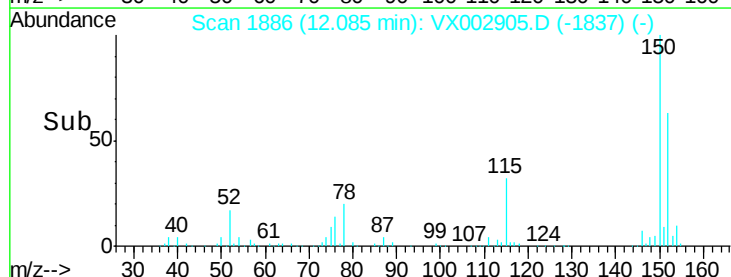
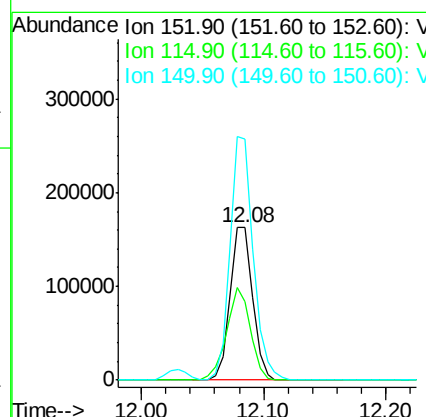
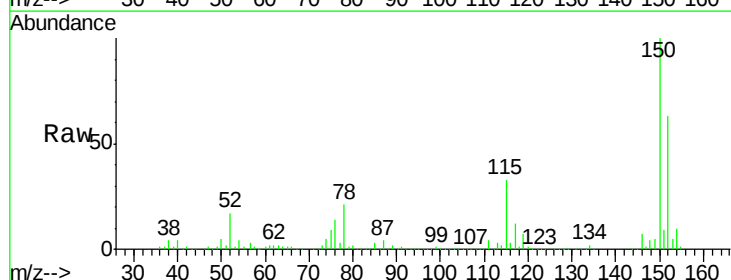
Manual Integrations
APPROVED

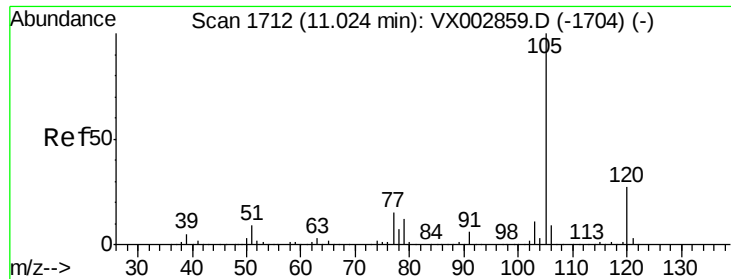
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.2	40.1	120.2
150	163.9	0.0	347.2





#73

Isopropylbenzene

Concen: 20.56 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBS02

Tot Ion:105 Resp: 285555

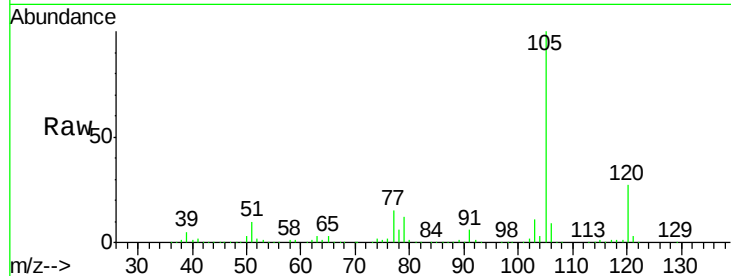
Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4

Manual Integrations
APPROVED

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

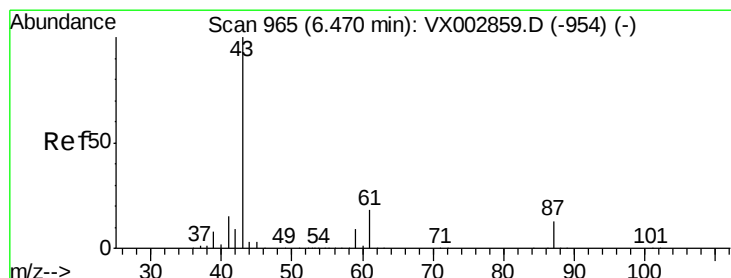
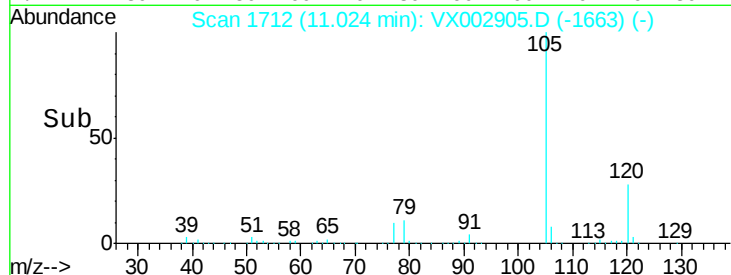
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 20.11 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Tgt Ion: 43 Resp: 136666

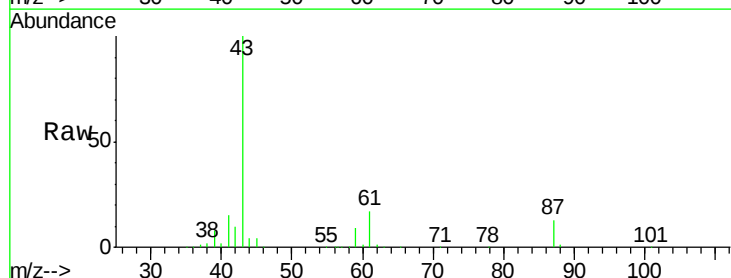
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.0 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

60000

40000

20000

0

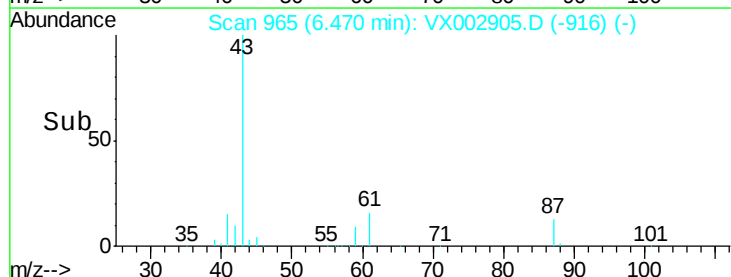
6.47

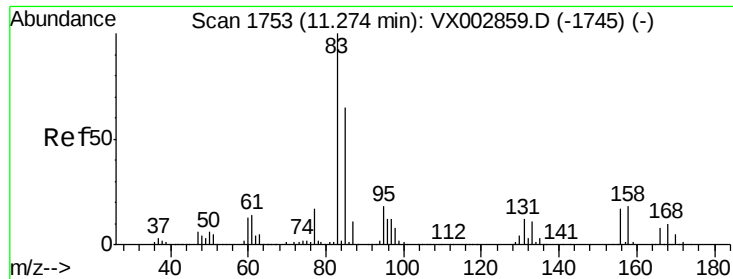
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.88 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

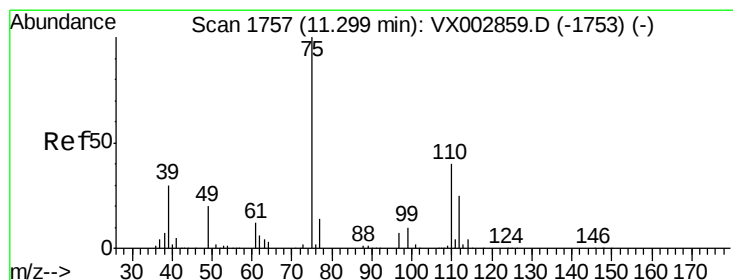
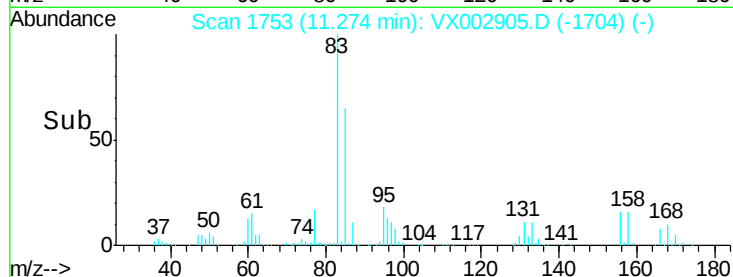
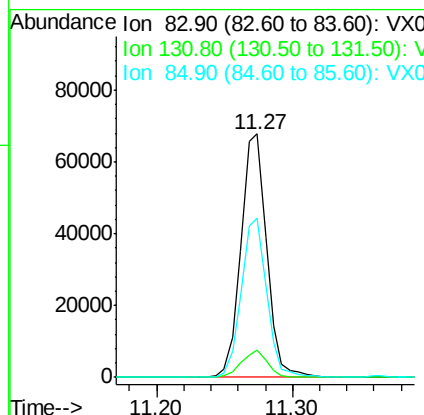
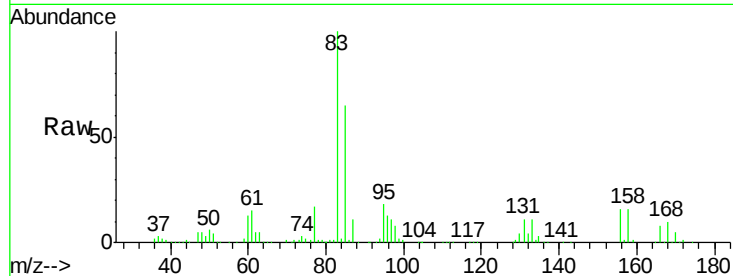
ClientSampleId :

VX0626MBS02

Tot Ion:	83	Resp:	89317
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.6	16.8
85	64.9	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 23.16 ug/l m

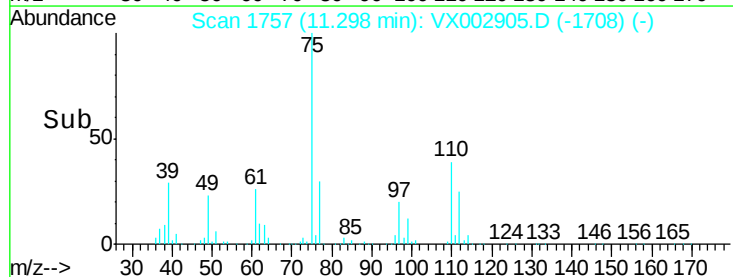
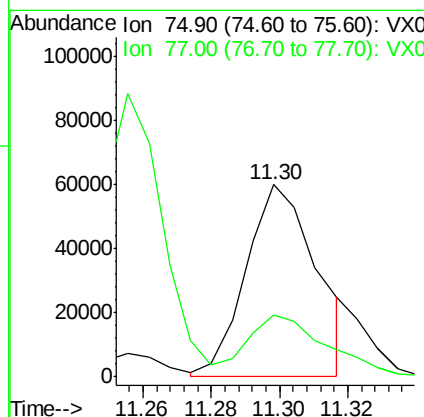
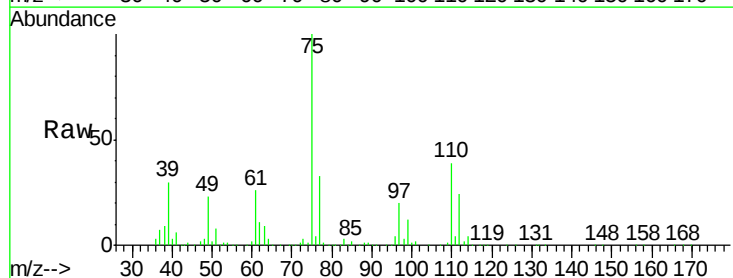
RT: 11.30 min Scan# 1757

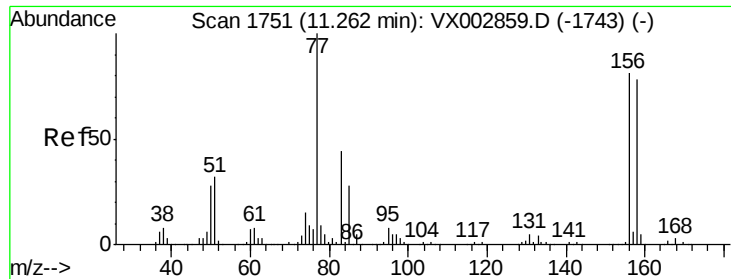
Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Tgt Ion:	75	Resp:	86592
Ion Ratio	Lower	Upper	
75	100		
77	36.4	22.8	68.3





#77

Bromobenzene

Concen: 20.11 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBS02

Tot Ion:156 Resp: 79520

Ion Ratio Lower Upper

156 100

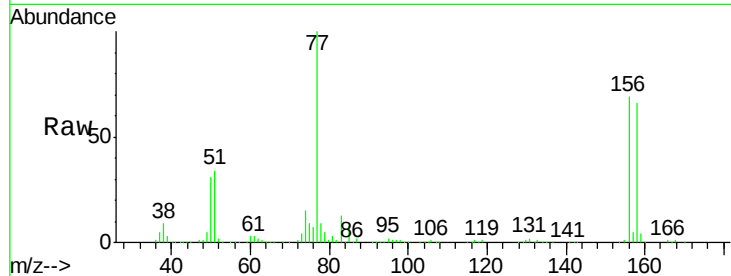
77 139.9 71.4 214.2

158 96.4 48.9 146.6

Manual Integrations
APPROVED

MMDadoda

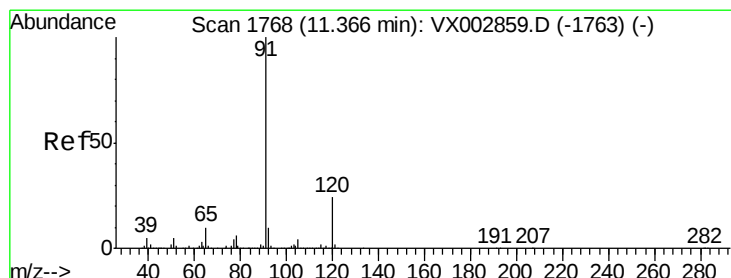
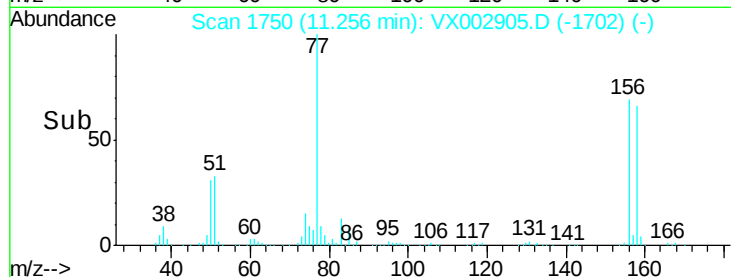
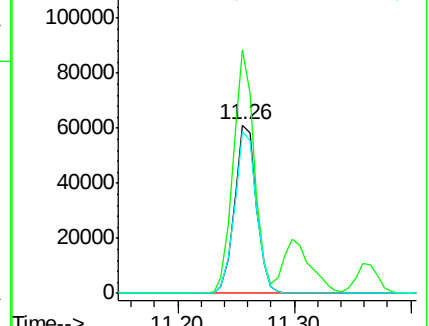
6/28/2018 3:12:09 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.39 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002905.D

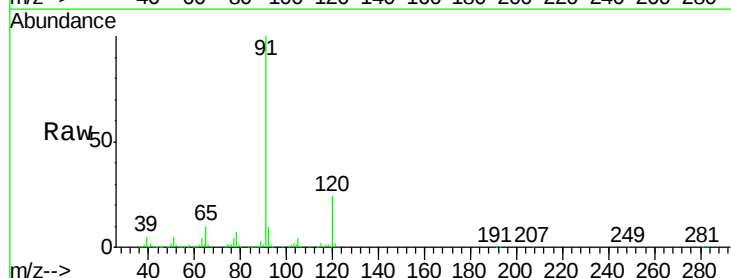
Acq: 26 Jun 2018 20:38

Tgt Ion: 91 Resp: 322276

Ion Ratio Lower Upper

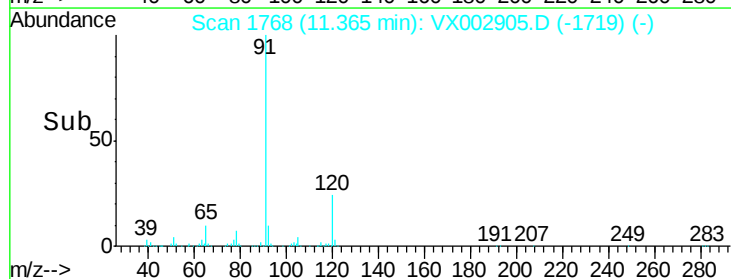
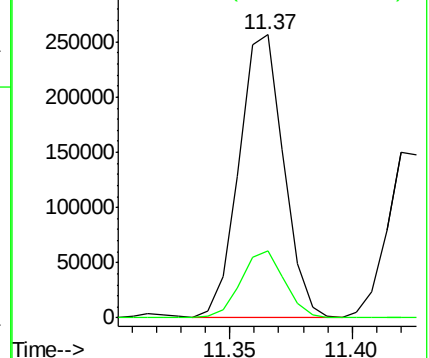
91 100

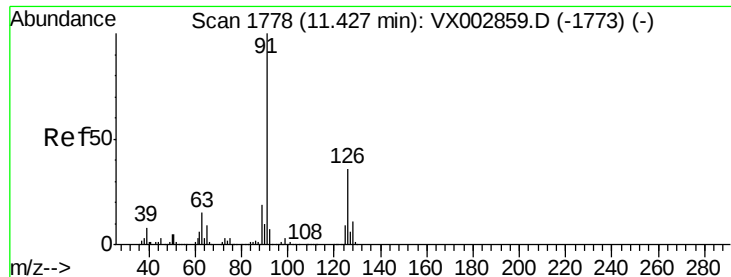
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.23 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBS02

Tot Ion: 91 Resp: 193558

Ion Ratio Lower Upper

91 100

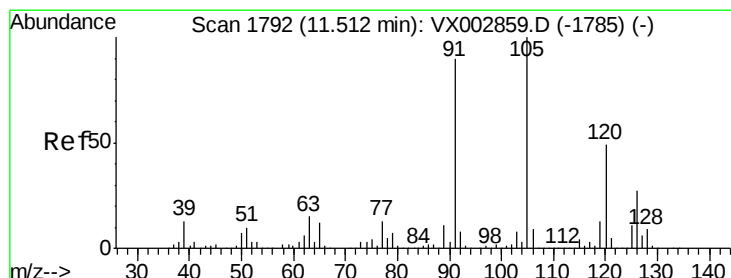
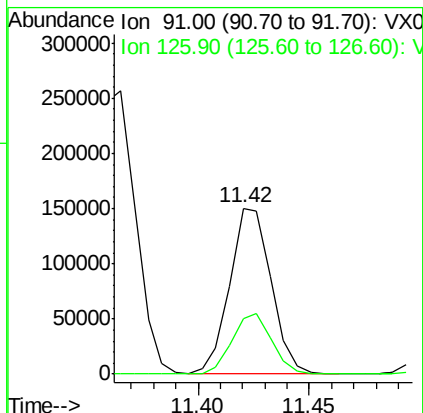
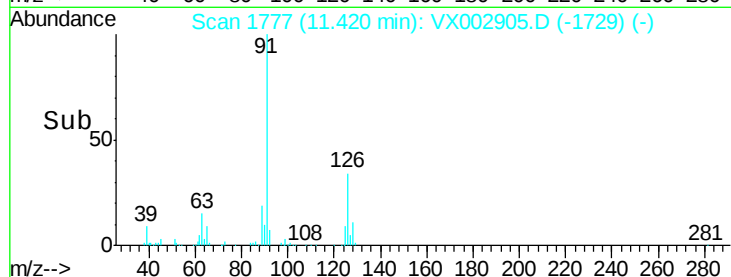
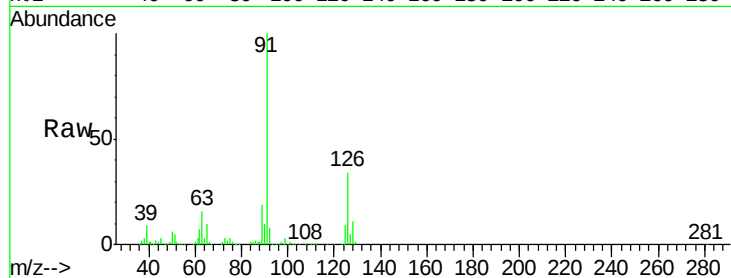
126 35.8 17.7 53.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.77 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002905.D

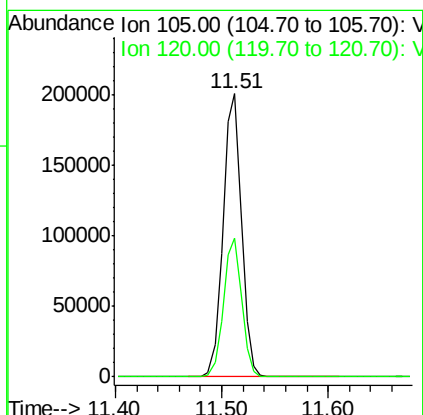
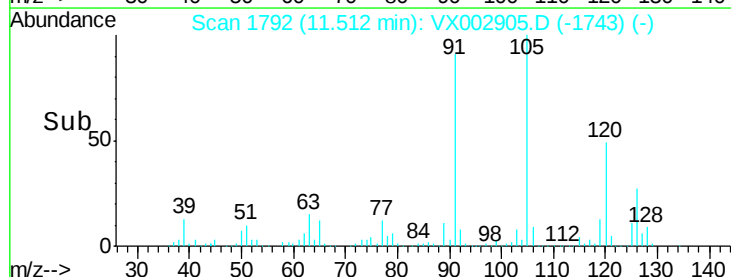
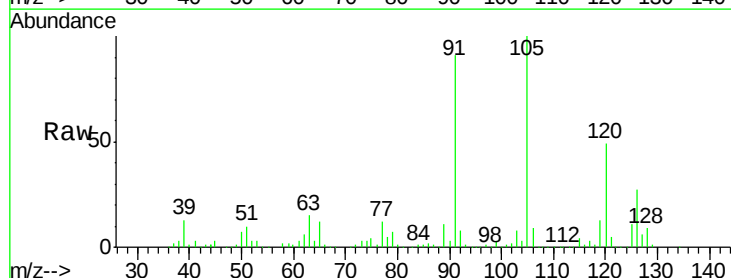
Acq: 26 Jun 2018 20:38

Tgt Ion: 105 Resp: 242905

Ion Ratio Lower Upper

105 100

120 48.3 24.4 73.4





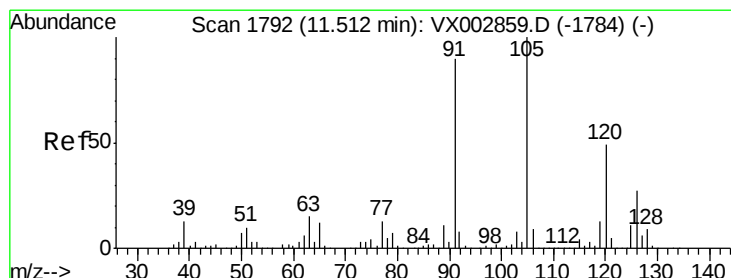
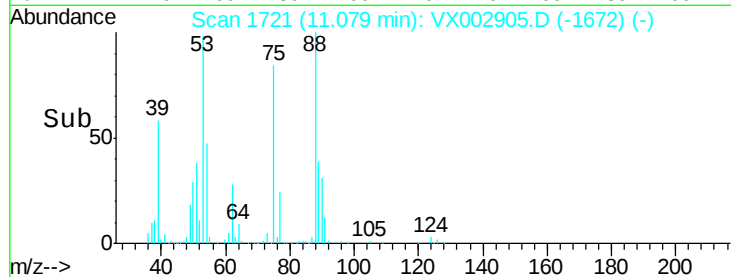
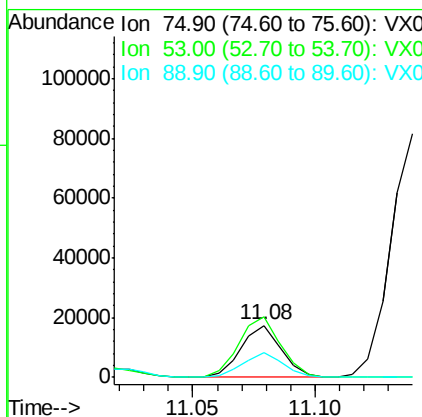
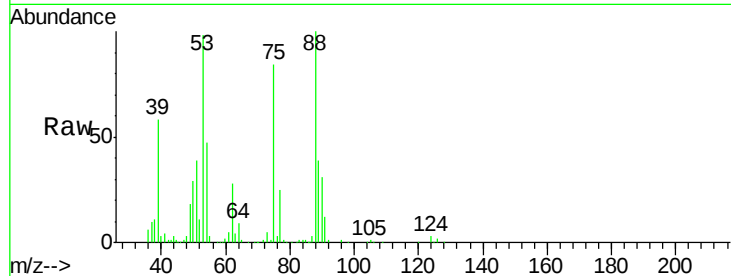
#81
trans-1,4-Dichloro-2-butene
Concen: 17.76 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	124.5	86.8	130.2
89	48.1	38.2	57.2

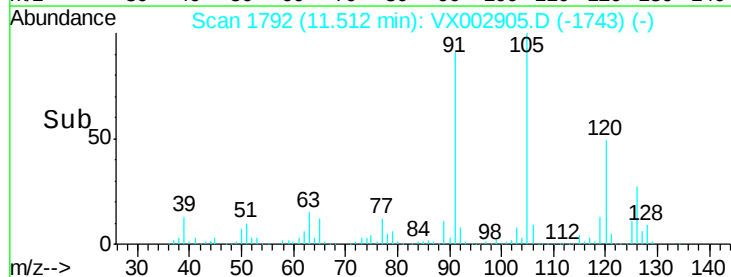
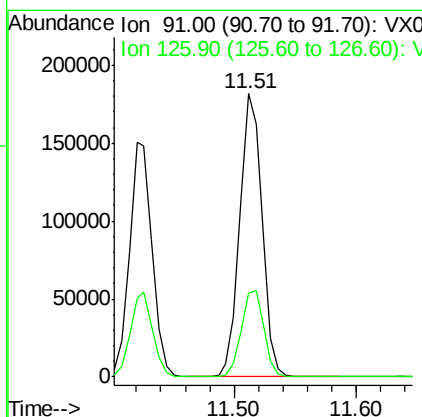
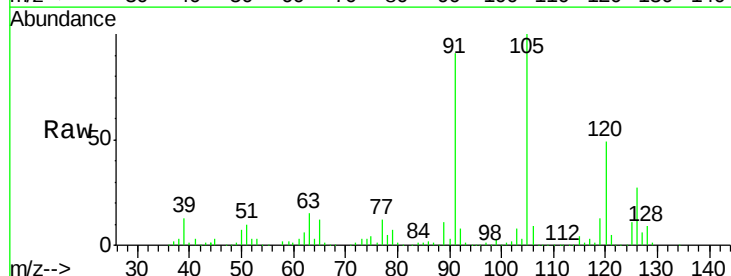
Manual Integrations
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#82
4-Chlorotoluene
Concen: 20.08 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.4	46.4





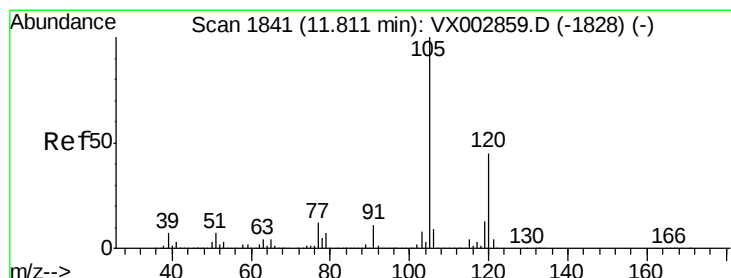
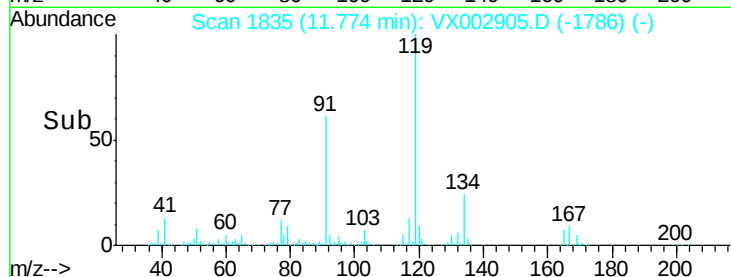
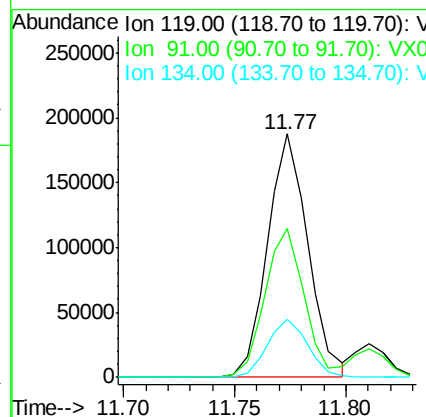
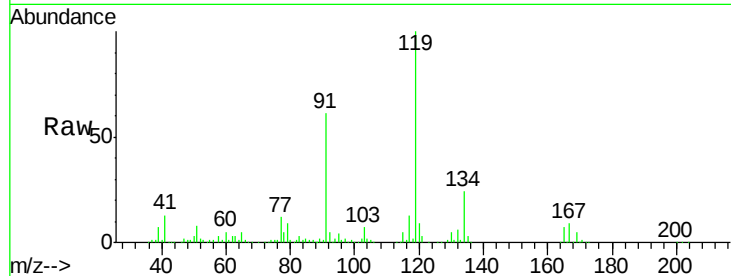
#83
 tert-Butylbenzene
 Concen: 20.55 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626MBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	236877		
91	59.9	30.3	90.9	
134	23.5	11.7	35.1	

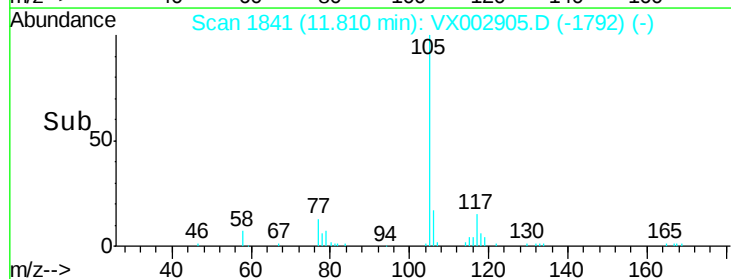
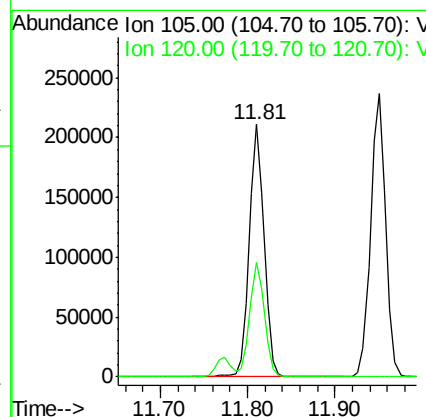
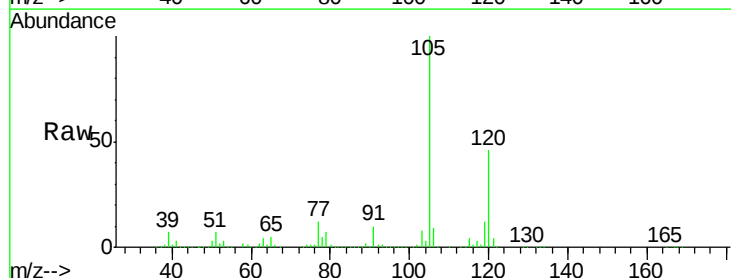
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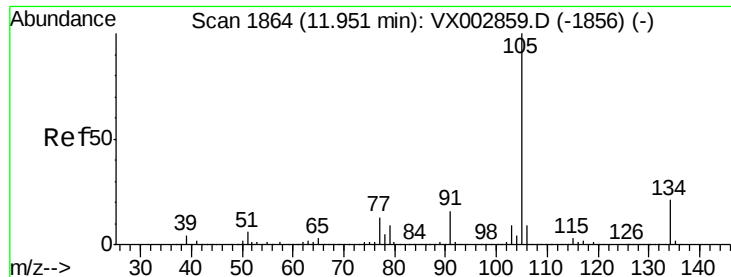
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.60 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	249667		
120	45.2	22.3	66.8	





#85

sec-Butylbenzene

Concen: 20.41 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

ClientSampleID :

VX0626MBS02

Tot Ion:105 Resp: 285350

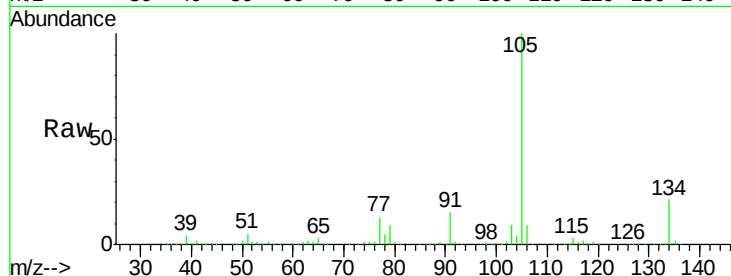
Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.1

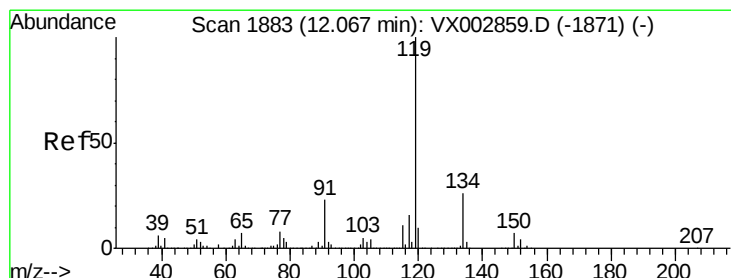
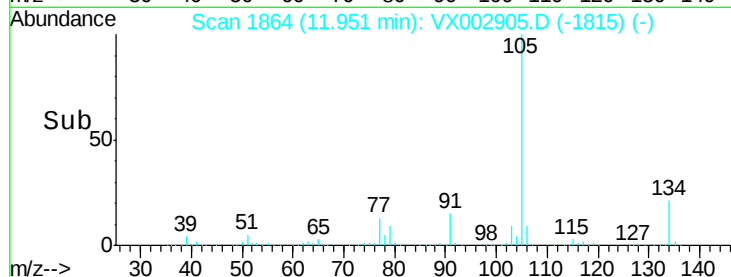
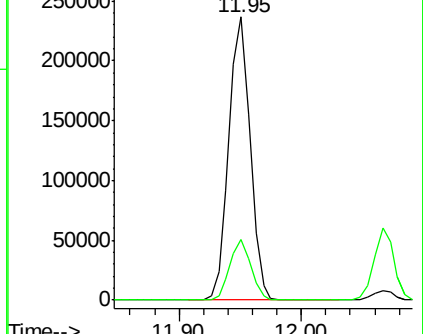
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.20 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

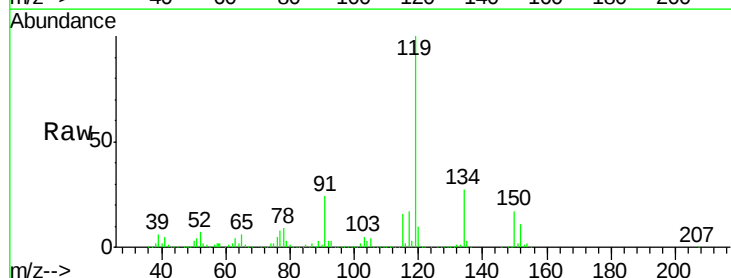
Tgt Ion:119 Resp: 253963

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

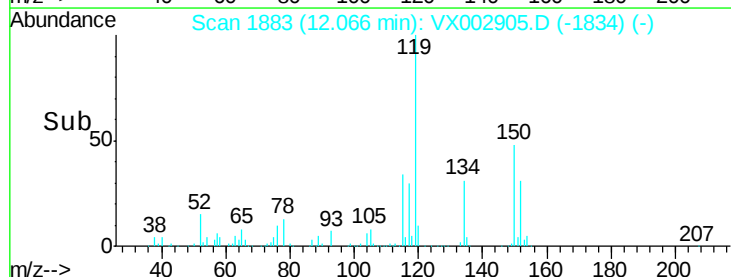
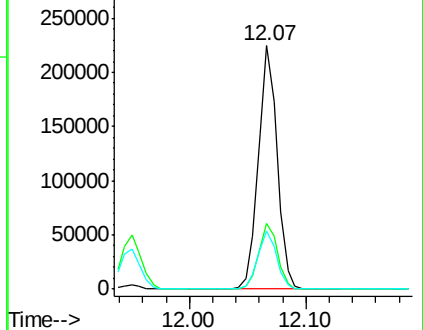
91 23.8 11.9 35.7

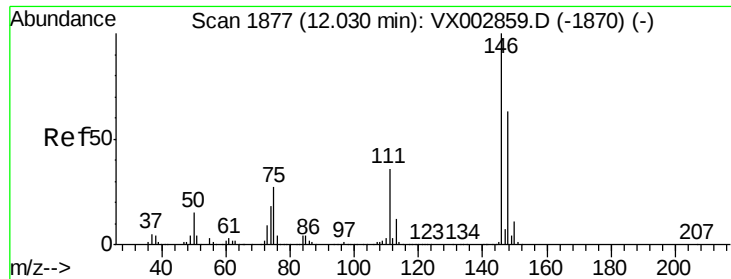


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





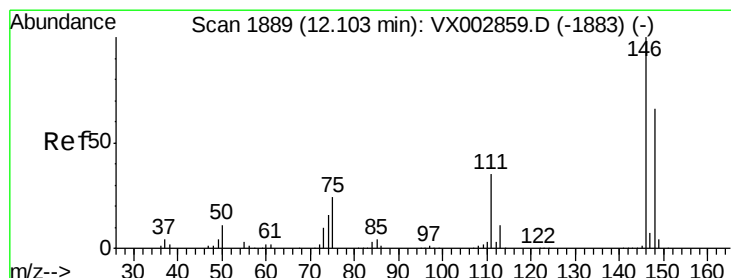
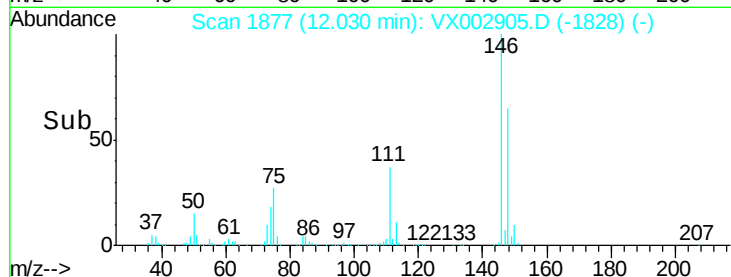
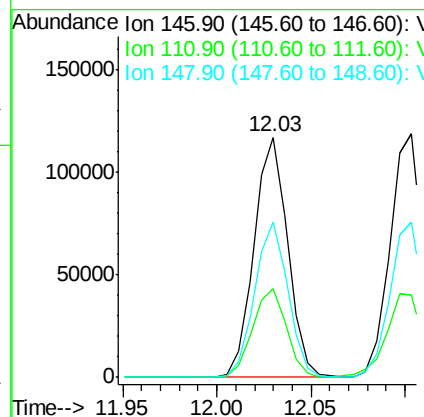
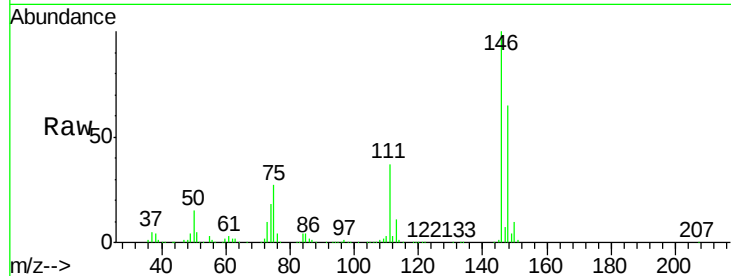
#87
1,3-Dichlorobenzene
Concen: 19.98 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.7
148	64.3	32.1	96.3

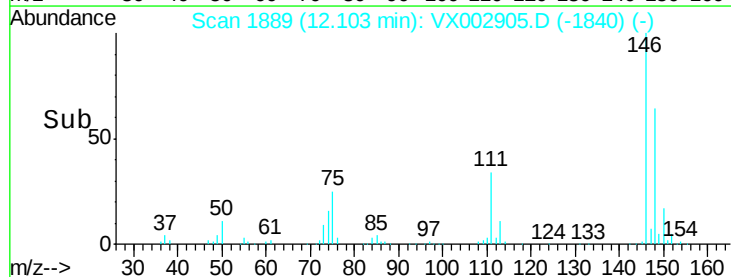
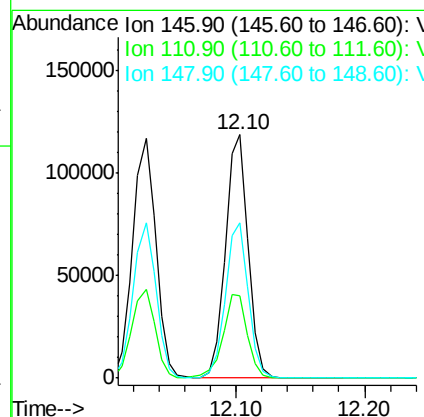
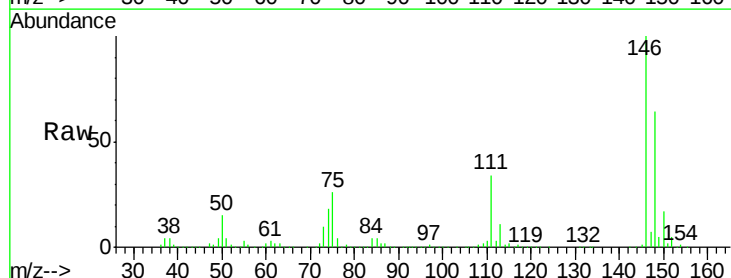
Manual Integrations
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#88
1,4-Dichlorobenzene
Concen: 19.78 ug/l
RT: 12.10 min Scan# 1889
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.7	56.1
148	64.5	32.4	97.0





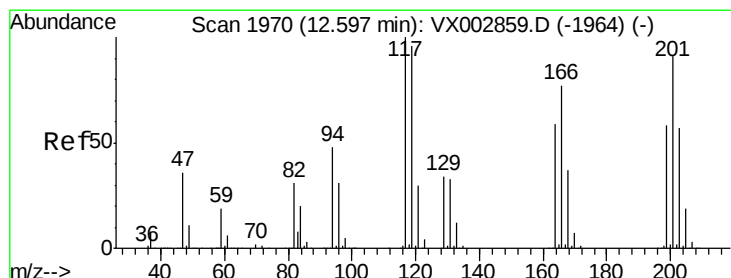
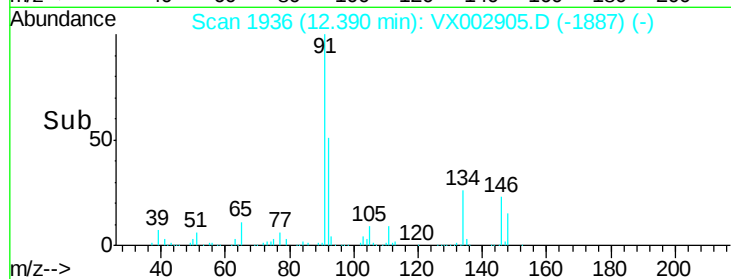
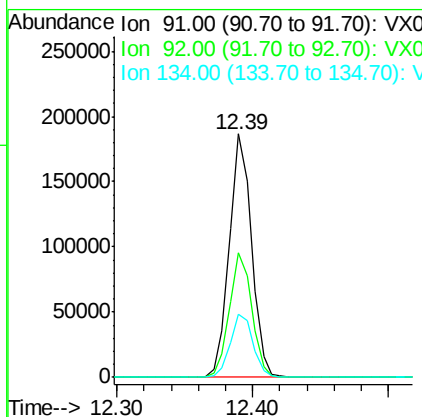
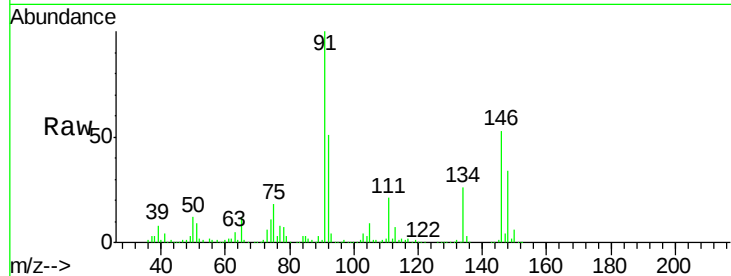
#89
n-Butylbenzene
Concen: 19.45 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		212798		
92	51.6	26.0		78.0	
134	26.7	13.5		40.5	

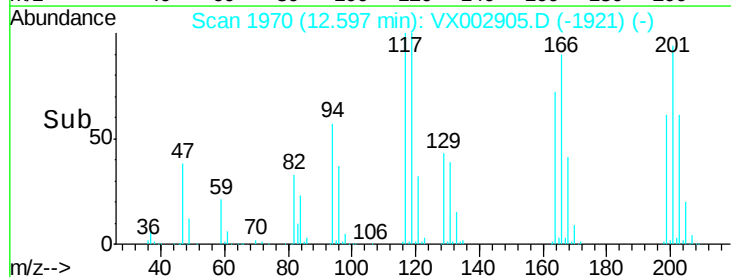
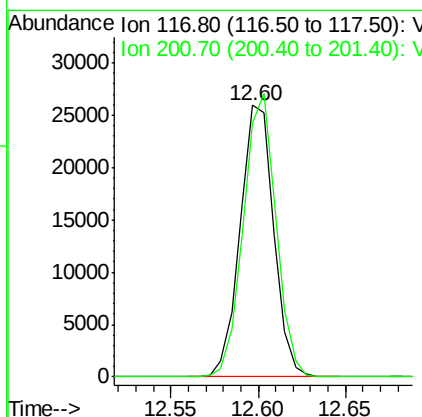
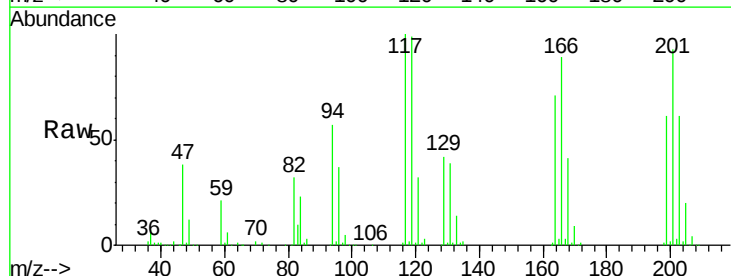
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#90
Hexachloroethane
Concen: 18.53 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX002905.D
Acq: 26 Jun 2018 20:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		34644		
201	100.7	49.0		147.0	





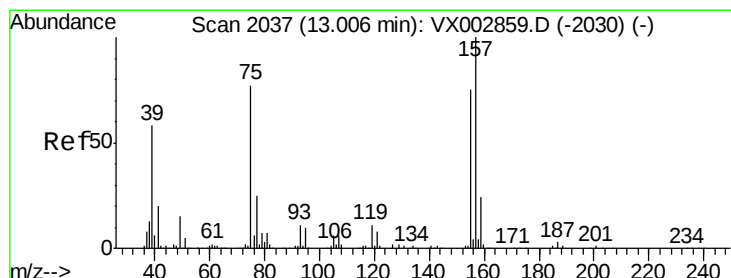
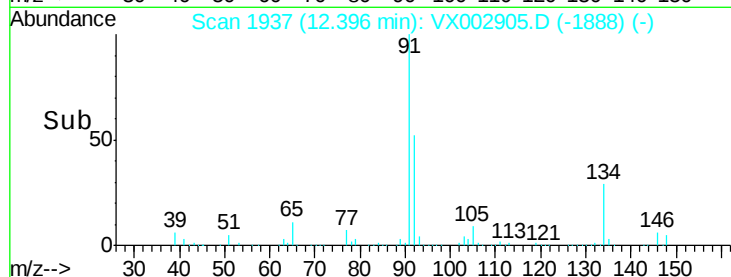
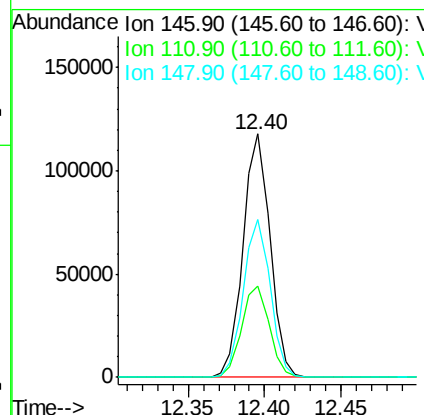
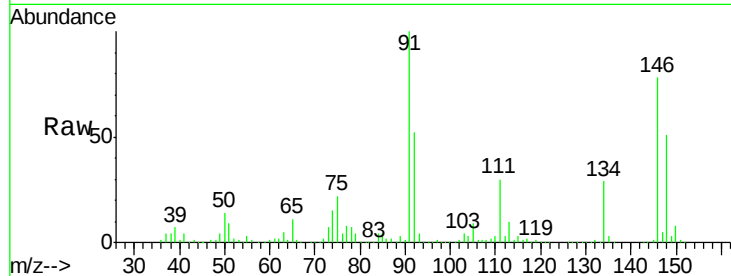
#91
 1,2-Dichlorobenzene
 Concen: 19.80 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626MBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.1
148	64.8	31.7	95.1

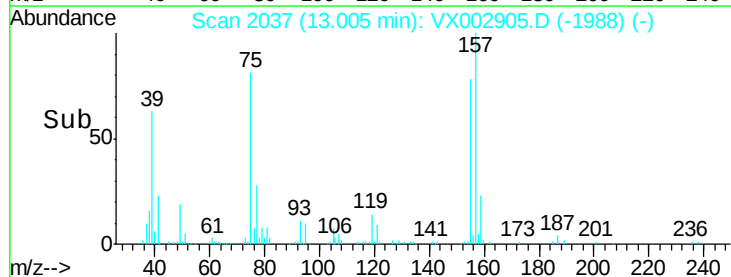
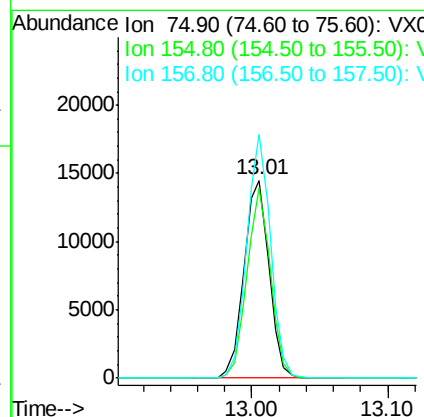
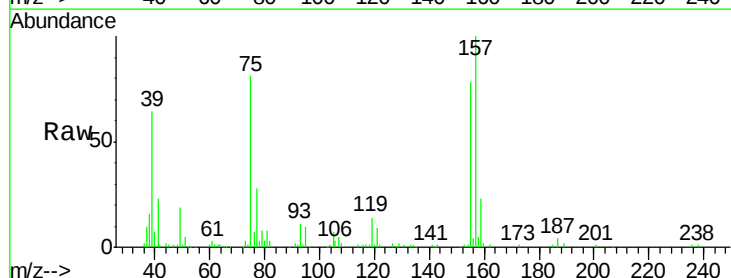
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.33 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.5	45.8	137.4
157	116.7	60.1	180.3





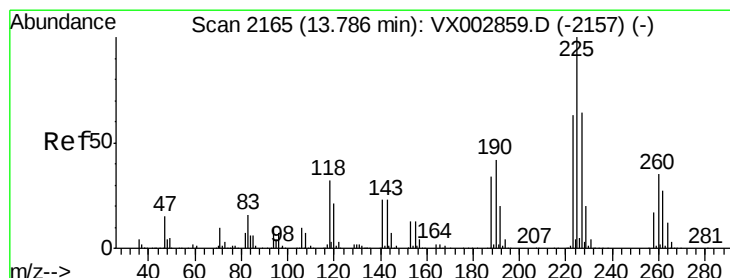
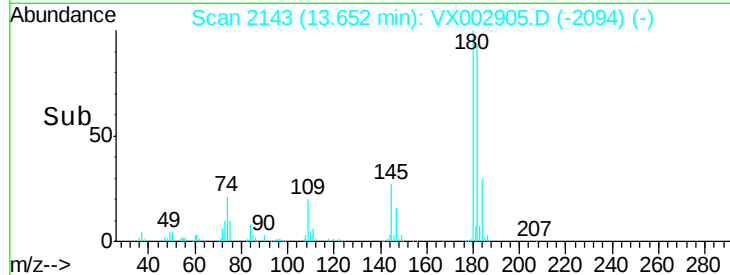
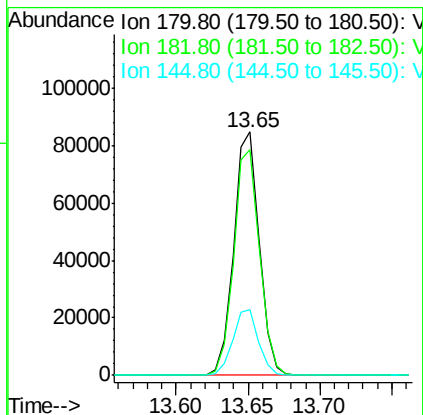
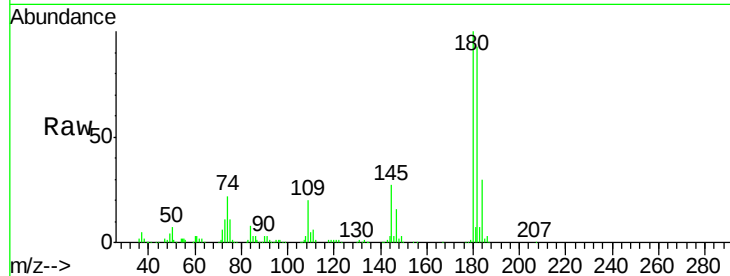
#93
 1,2,4-Trichlorobenzene
 Concen: 19.73 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626MBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	104698		
182	94.4	47.7	143.1	
145	27.5	14.1	42.4	

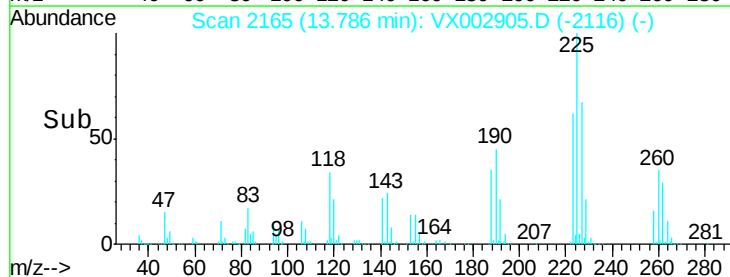
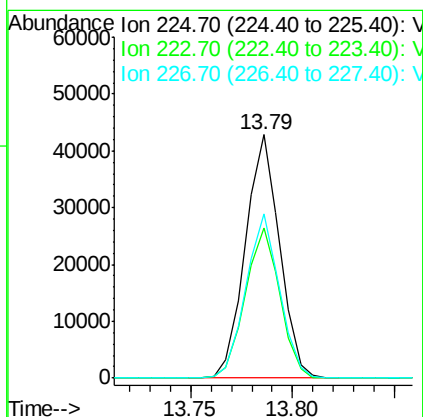
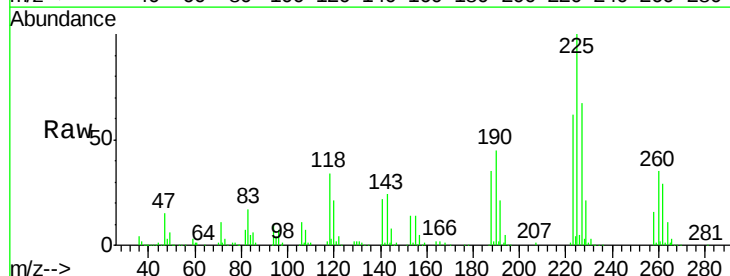
Manual Integrations
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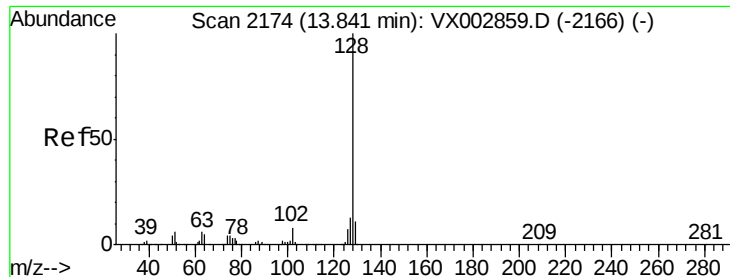
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#94
 Hexachlorobutadiene
 Concen: 18.86 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002905.D
 Acq: 26 Jun 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	49909		
223	62.3	31.6	95.0	
227	66.2	32.4	97.2	





#95

Naphthalene

Concen: 20.47 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Instrument :

MSVOA_X

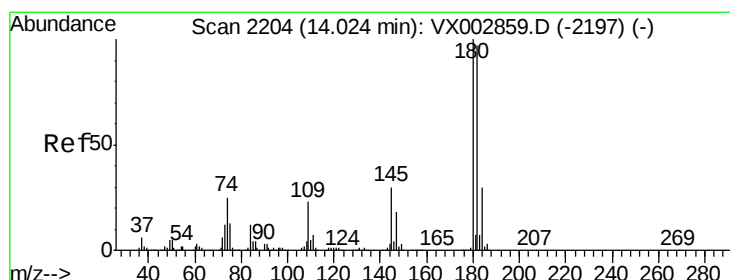
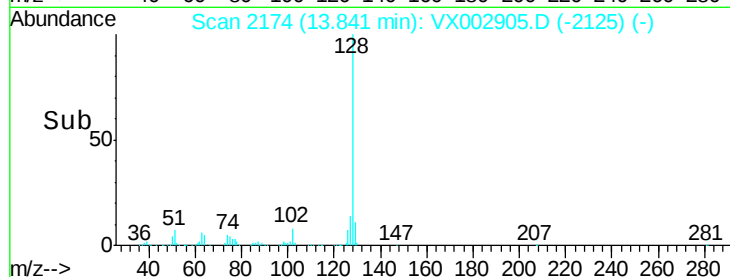
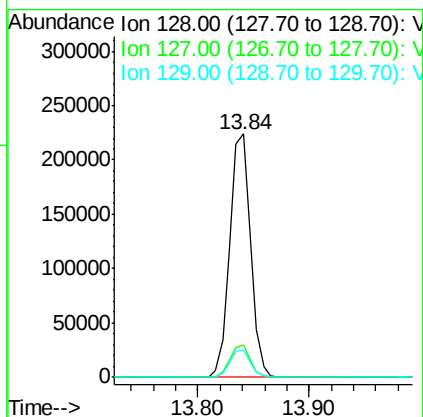
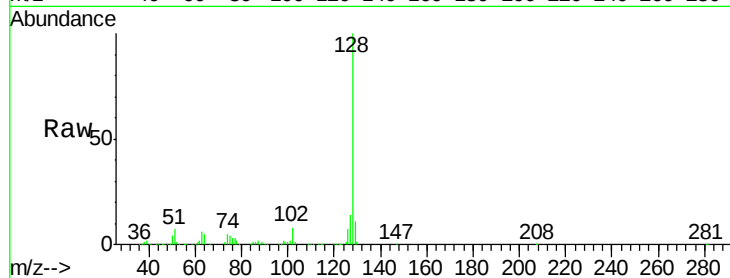
ClientSampleId :

VX0626MBS02

Tot Ion:	128	Resp:	289276
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/28/2018 3:12:09 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.02 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002905.D

Acq: 26 Jun 2018 20:38

Tgt Ion:	180	Resp:	106083
Ion Ratio	Lower	Upper	
180	100		
182	96.6	48.0	144.0
145	29.8	14.8	44.3

