

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071618\
 Data File : VX003389.D
 Acq On : 16 Jul 2018 10:27
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 7/17/2018 1:46:29 PM

Quant Time: Jul 16 12:50:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 12:43:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	376078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	536045	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	492319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	269097	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	4202	1.25	ug/l	98
3) Chloromethane	1.32	50	5534	1.29	ug/l	98
4) Vinyl Chloride	1.40	62	5487	1.13	ug/l	100
5) Bromomethane	1.64	94	4874	1.77	ug/l	96
6) Chloroethane	1.72	64	4059	1.29	ug/l	100
7) Trichlorofluoromethane	1.93	101	7465	1.07	ug/l	97
8) Diethyl Ether	2.19	74	3250	1.05	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	4756	1.06	ug/l	96
12) 1,1-Dichloroethene	2.37	96	4341	1.04	ug/l	81
14) Allyl chloride	2.73	41	7801	0.97	ug/l #	88
15) Acrylonitrile	3.15	53	13337	4.90	ug/l	99
16) Acetone	2.45	43	11384	5.39	ug/l	98
17) Carbon Disulfide	2.57	76	12733	1.24	ug/l	95
18) Methyl Acetate	2.78	43	6320	0.96	ug/l #	84
19) Methyl tert-butyl Ether	3.21	73	14236	0.95	ug/l	100
20) Methylene Chloride	2.86	84	6020	1.18	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	5011	1.12	ug/l	89
22) Diisopropyl ether	3.88	45	16143	1.08	ug/l	96
23) Vinyl Acetate	3.82	43	62786	5.15	ug/l	96
24) 1,1-Dichloroethane	3.69	63	8637	1.02	ug/l	99
25) 2-Butanone	4.71	43	16267	4.97	ug/l	99
26) 2,2-Dichloropropane	4.58	77	6435	1.08	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	4946	1.01	ug/l #	12
28) Bromochloromethane	5.01	49	3754	0.97	ug/l	90
29) Tetrahydrofuran	5.17	42	10381	4.97	ug/l	95
30) Chloroform	5.21	83	7828	0.97	ug/l	99
31) Cyclohexane	5.57	56	6352	0.98	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	6266	0.93	ug/l #	51
36) 1,1-Dichloropropene	5.80	75	5996	1.05	ug/l	96
37) Ethyl Acetate	4.86	43	6570	1.05	ug/l #	89
38) Carbon Tetrachloride	5.78	117	5776	0.99	ug/l	91
39) Methylcyclohexane	7.46	83	6675	1.04	ug/l	96
40) Benzene	6.14	78	17331	0.97	ug/l	99
41) Methacrylonitrile	5.07	41	3538	0.99	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 1,2-Dichloroethane	6.20	62	6247	1.00	ug/l	94
43) Isopropyl Acetate	6.48	43	9330	0.95	ug/l	98
44) Trichloroethene	7.21	130	5138	1.02	ug/l	91
45) 1,2-Dichloropropane	7.52	63	4678	0.99	ug/l	95
46) Dibromomethane	7.67	93	3203	1.05	ug/l	97
47) Bromodichloromethane	7.90	83	5278	0.92	ug/l #	96
48) Methyl methacrylate	7.78	41	4623	0.93	ug/l	95
49) 1,4-Dioxane	7.76	88	2054	18.86	ug/l #	81
51) 4-Methyl-2-Pentanone	8.65	43	27240	4.26	ug/l	93
52) Toluene	8.79	92	10221	0.90	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	5680	0.84	ug/l	94
54) cis-1,3-Dichloropropene	9.04	75	4999	0.81	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	4406	0.93	ug/l	97
56) Ethyl methacrylate	9.18	69	5332	0.79	ug/l	91
57) 1,3-Dichloropropane	9.38	76	6912	0.90	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.32	63	13490	4.12	ug/l	98
59) 2-Hexanone	9.50	43	20456	4.34	ug/l	99
60) Dibromochloromethane	9.59	129	3940	0.86	ug/l	97
61) 1,2-Dibromoethane	9.68	107	4404	0.93	ug/l	96
64) Tetrachloroethene	9.34	164	5456	1.02	ug/l	94
65) Chlorobenzene	10.14	112	12402	0.98	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	4056	0.91	ug/l #	67
67) Ethyl Benzene	10.26	91	19277	0.94	ug/l	100
68) m/p-Xylenes	10.36	106	13934	1.76	ug/l	95
69) o-Xylene	10.70	106	6441	0.83	ug/l	98
70) Styrene	10.71	104	10084	0.78	ug/l	100
71) Bromoform	10.86	173	3025	0.88	ug/l #	98
73) Isopropylbenzene	11.02	105	16491	0.89	ug/l	100
74) N-amyl acetate	6.48	43	9330	1.08	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	5886	0.97	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	5253m	0.99	ug/l	
77) Bromobenzene	11.26	156	5098	0.97	ug/l	100
78) n-propylbenzene	11.36	91	18253	0.87	ug/l	99
79) 2-Chlorotoluene	11.43	91	11909	0.92	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	12515	0.81	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	1235	0.77	ug/l #	79
82) 4-Chlorotoluene	11.51	91	13821	0.91	ug/l	99
83) tert-Butylbenzene	11.77	119	12575	0.82	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	13213	0.84	ug/l	98
85) sec-Butylbenzene	11.95	105	15479	0.85	ug/l	99
86) p-Isopropyltoluene	12.07	119	13125	0.80	ug/l	91
87) 1,3-Dichlorobenzene	12.03	146	9783	1.00	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	10134m	1.02	ug/l	
89) n-Butylbenzene	12.39	91	12247	0.88	ug/l	98
90) Hexachloroethane	12.60	117	2228	0.91	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	9611	0.98	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1093	0.91	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	6295	0.94	ug/l	98
94) Hexachlorobutadiene	13.79	225	3214	1.01	ug/l	96
95) Naphthalene	13.84	128	15017	0.80	ug/l	98

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ClientSampleId :
VSTDICC001

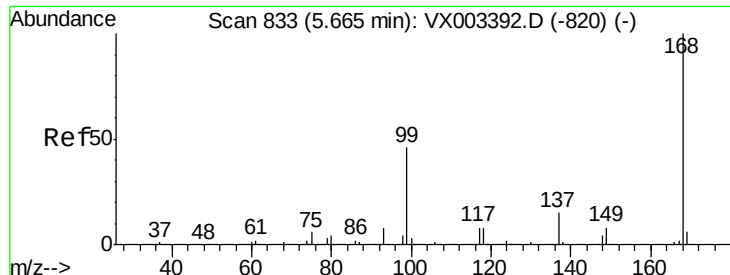
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	6278	0.93	ug/l	98

(#) = 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: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 376078

Ion Ratio Lower Upper

168 100

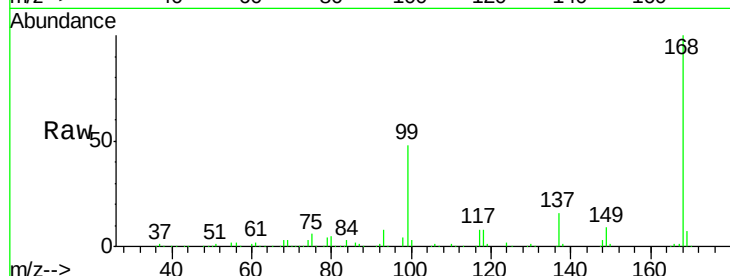
99 48.3 39.3 58.9

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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

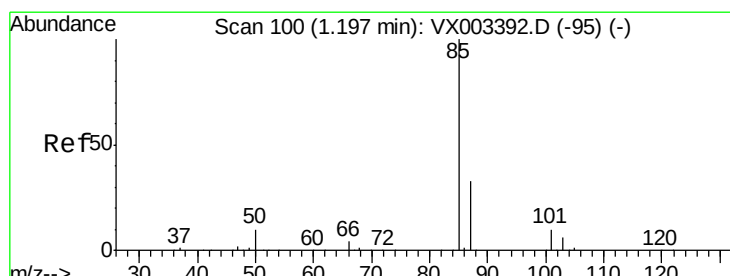
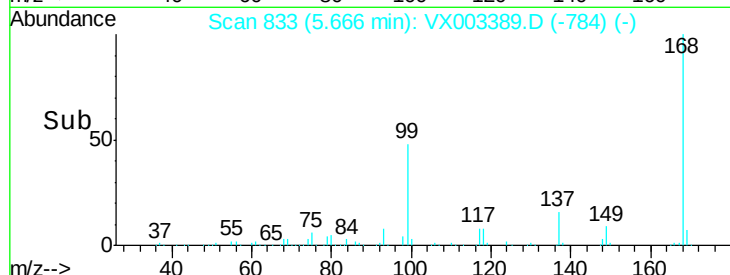
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.25 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003389.D

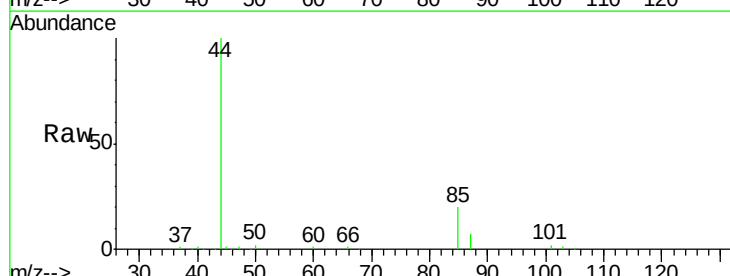
Acq: 16 Jul 2018 10:27

Tgt Ion: 85 Resp: 4202

Ion Ratio Lower Upper

85 100

87 33.3 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

5000

4000

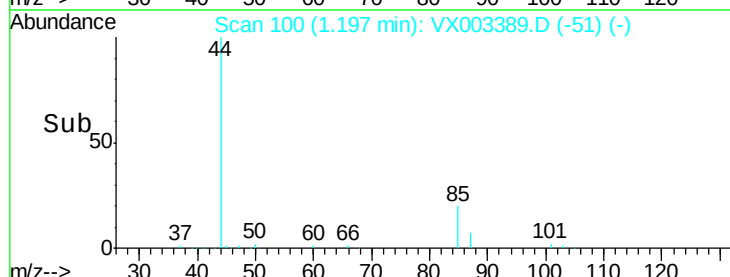
3000

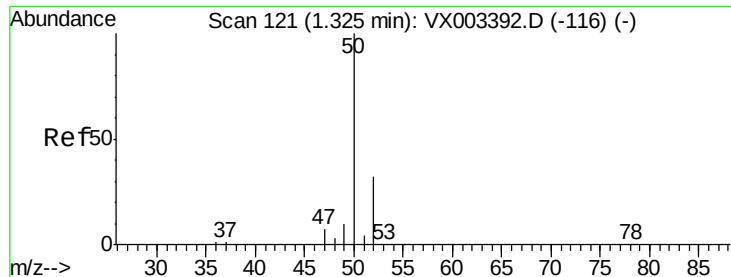
2000

1000

0

Time-->





#3

Chloromethane

Concen: 1.29 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 5534

Ion Ratio Lower Upper

50 100

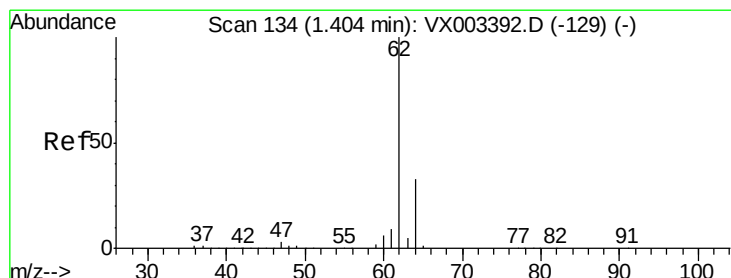
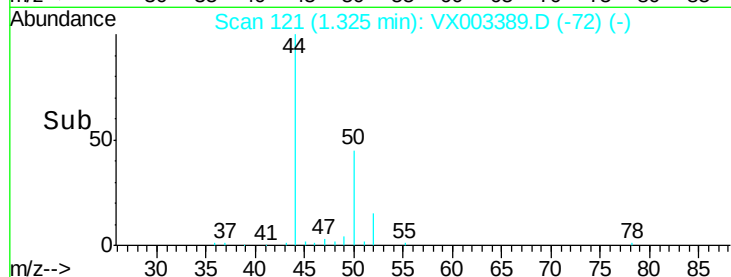
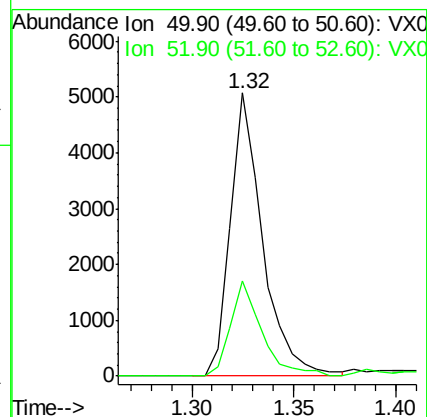
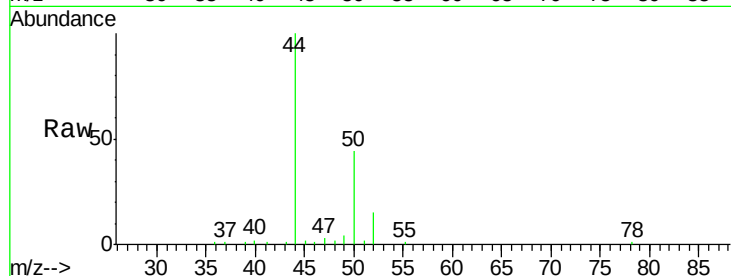
52 33.4 25.7 38.5

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#4

Vinyl Chloride

Concen: 1.13 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003389.D

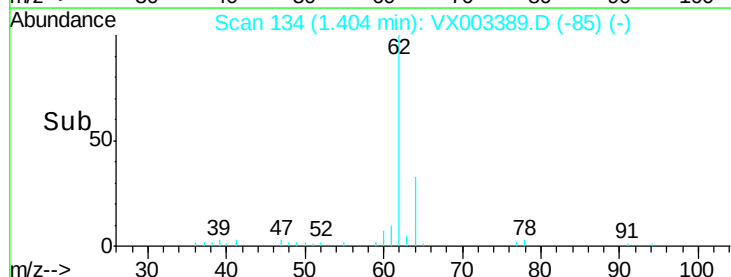
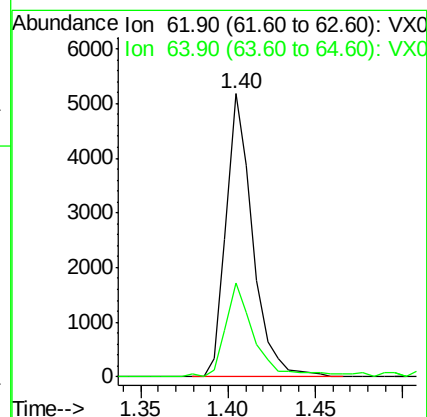
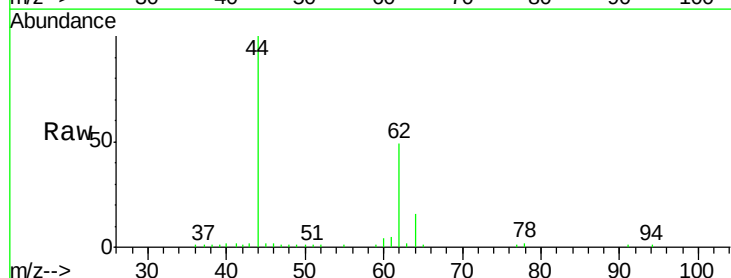
Acq: 16 Jul 2018 10:27

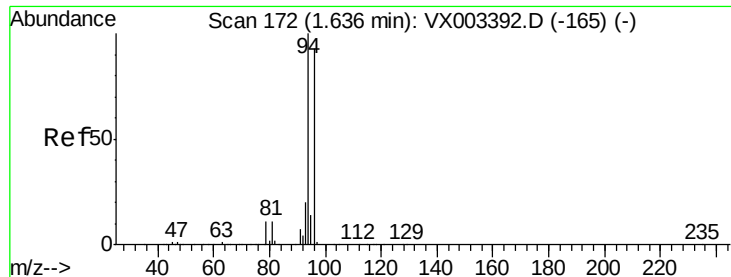
Tgt Ion: 62 Resp: 5487

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.2





#5

Bromomethane

Concen: 1.77 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 4874

Ion Ratio Lower Upper

94 100

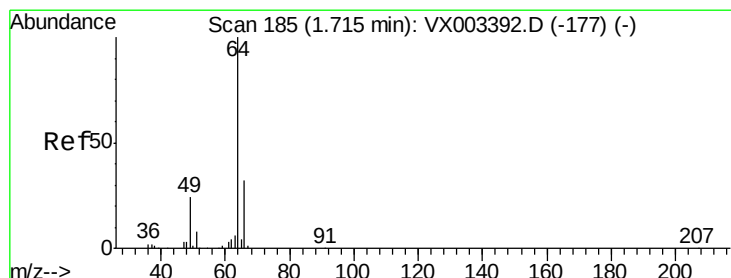
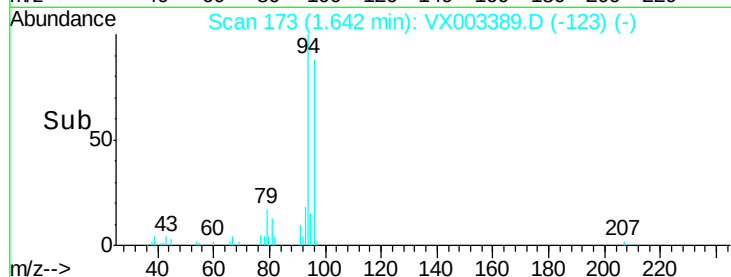
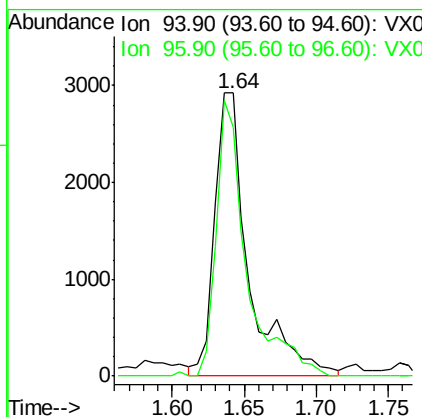
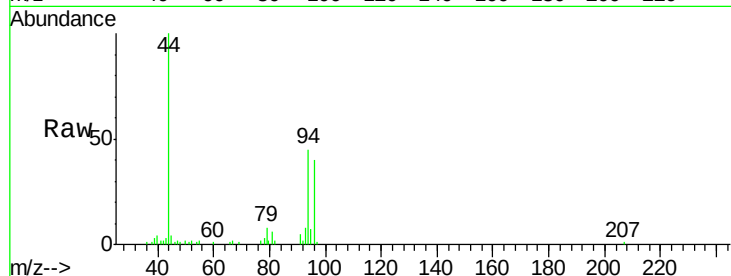
96 89.7 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 1.29 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003389.D

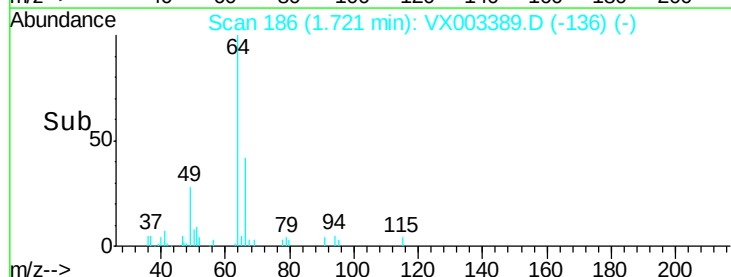
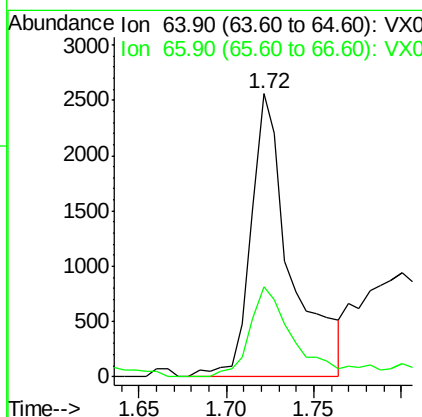
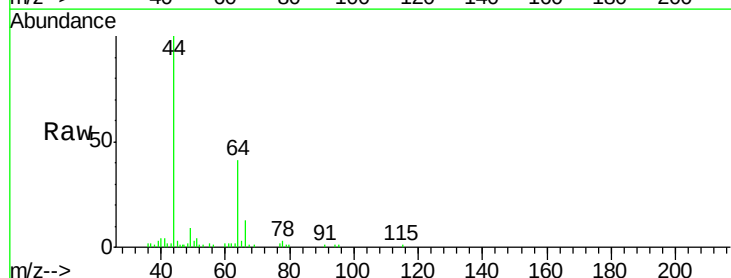
Acq: 16 Jul 2018 10:27

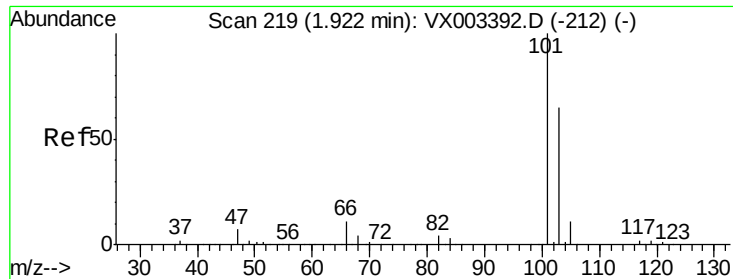
Tgt Ion: 64 Resp: 4059

Ion Ratio Lower Upper

64 100

66 31.8 25.5 38.3





#7

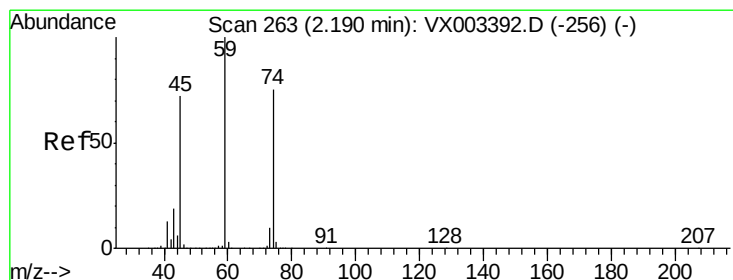
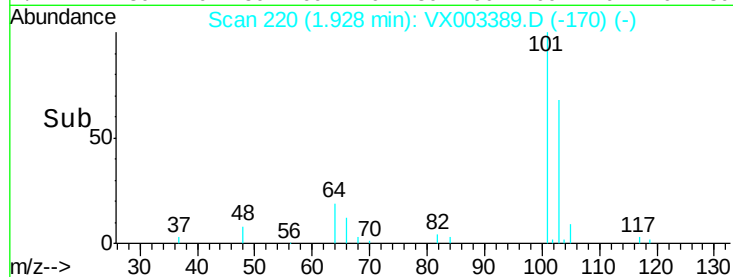
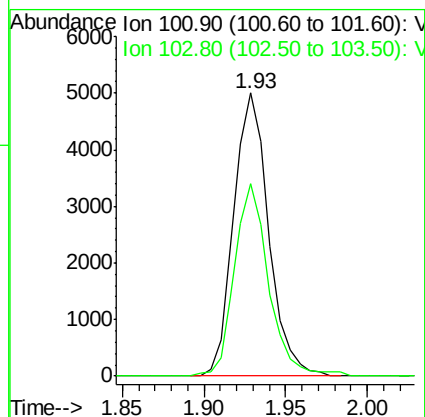
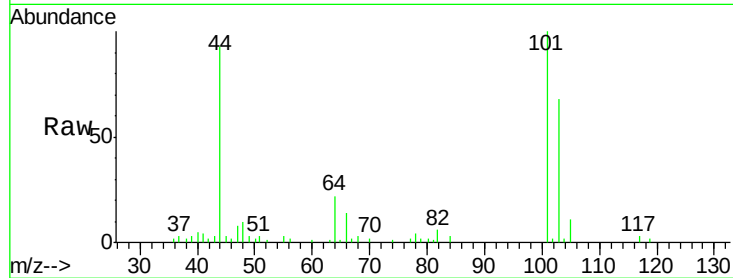
Trichlorofluoromethane
Concen: 1.07 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:101 Resp: 7465
Ion Ratio Lower Upper
101 100
103 68.2 52.8 79.2

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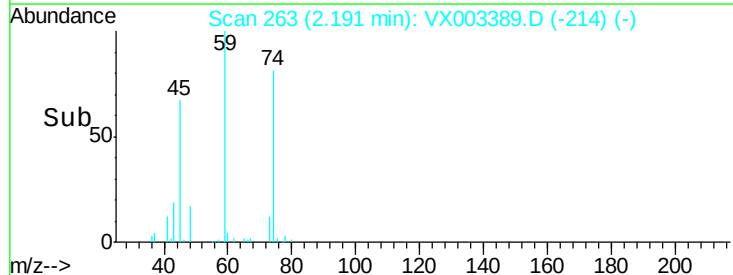
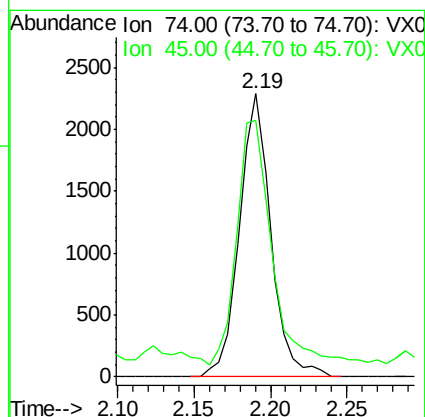
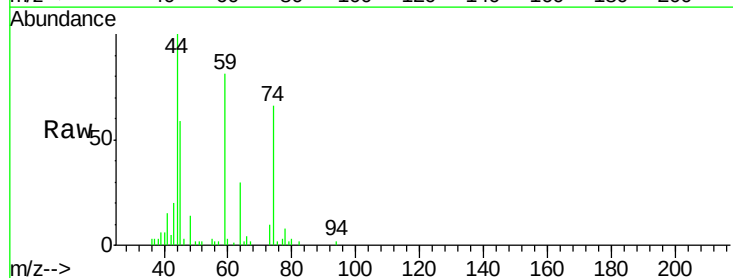
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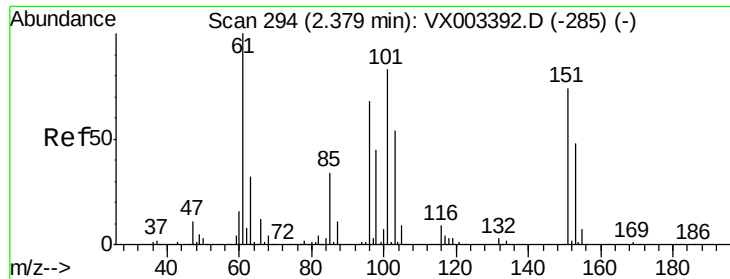


#8

Diethyl Ether
Concen: 1.05 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion: 74 Resp: 3250
Ion Ratio Lower Upper
74 100
45 97.2 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.06 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

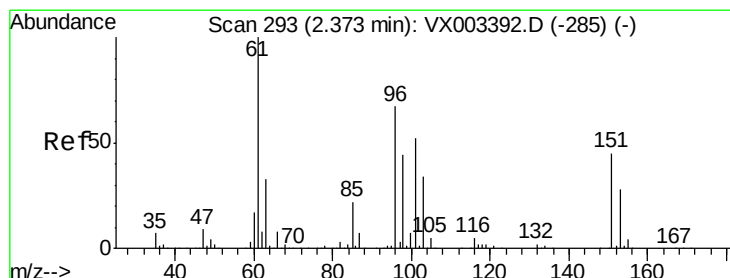
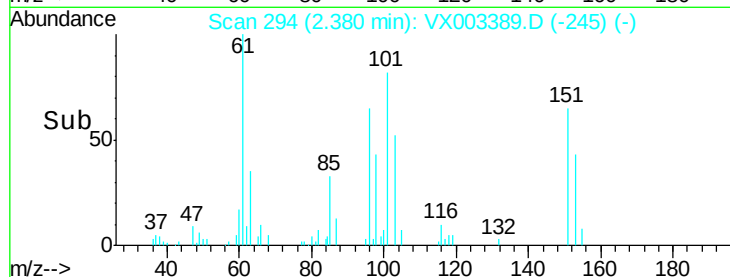
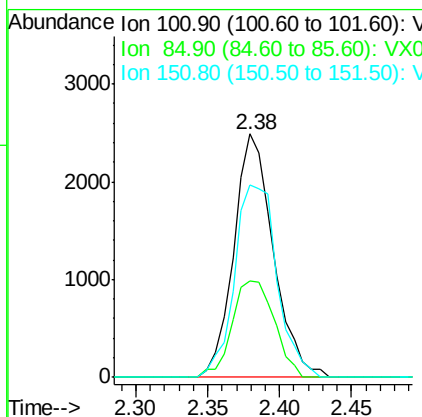
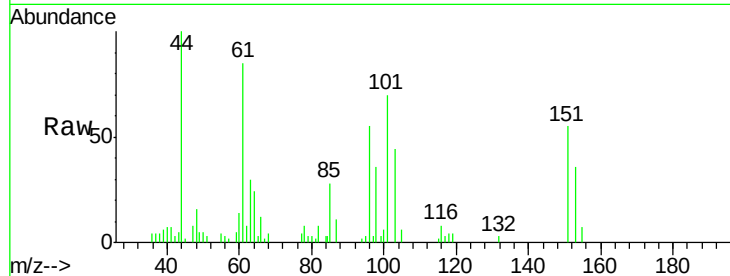
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.4	36.0	54.0
151	84.9	70.9	106.3

Manual Integrations
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#12

1,1-Dichloroethene

Concen: 1.04 ug/l

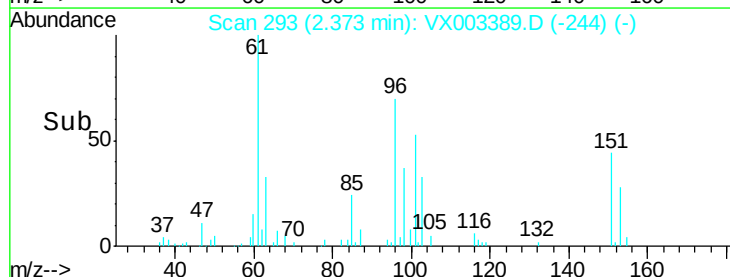
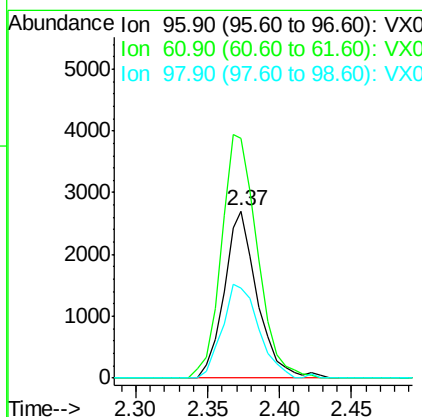
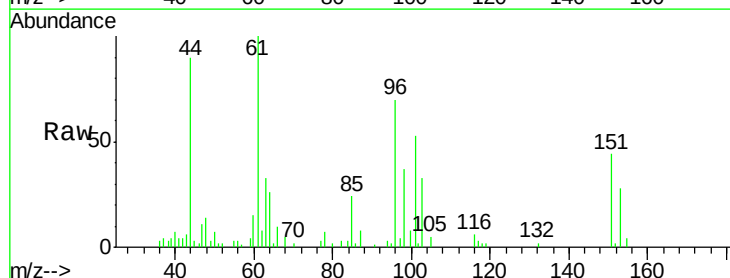
RT: 2.37 min Scan# 293

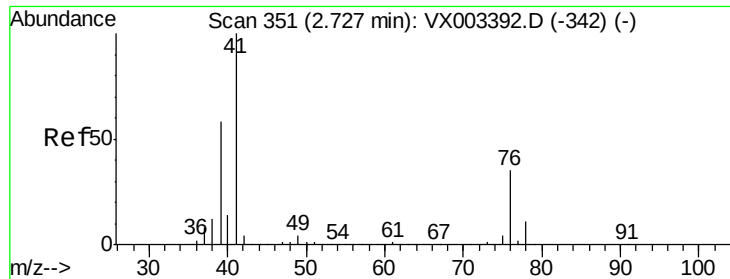
Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.7	137.9	206.9
98	53.6	51.6	77.4





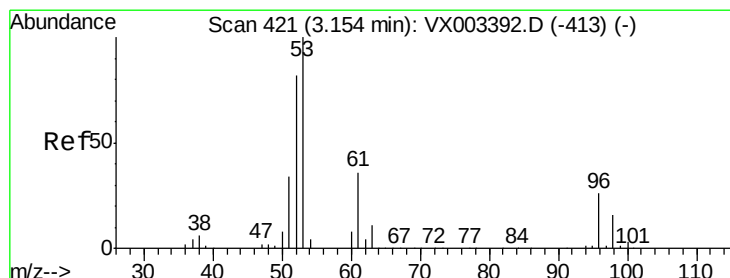
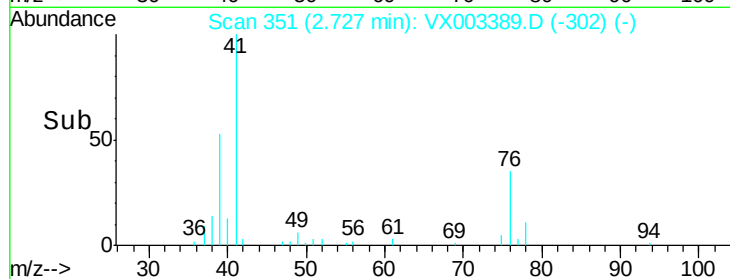
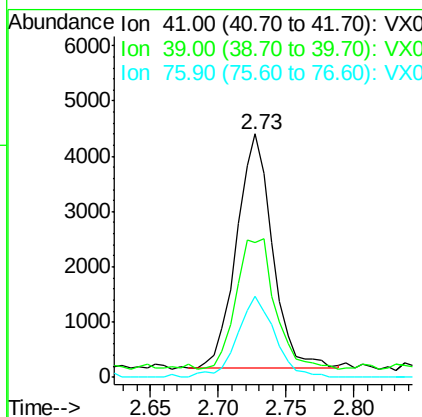
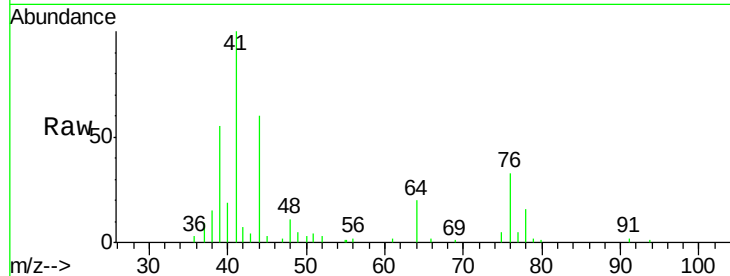
#14
Allvl chloride
Concen: 0.97 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
39	61.2	56.8	85.2
76	36.0	23.8	35.8

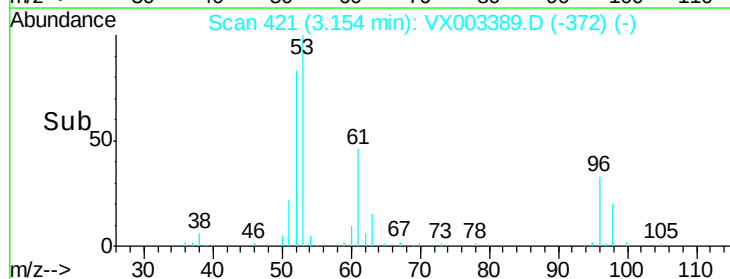
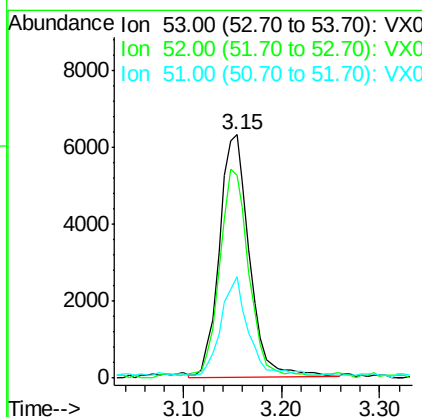
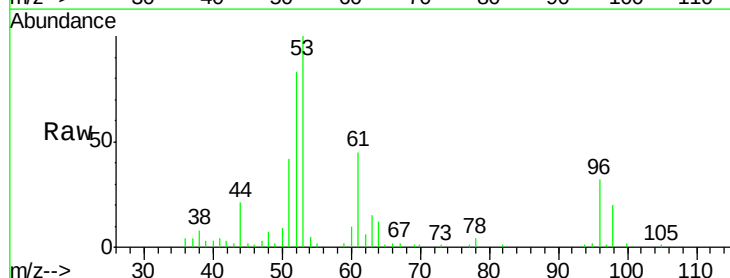
Manual Integrations
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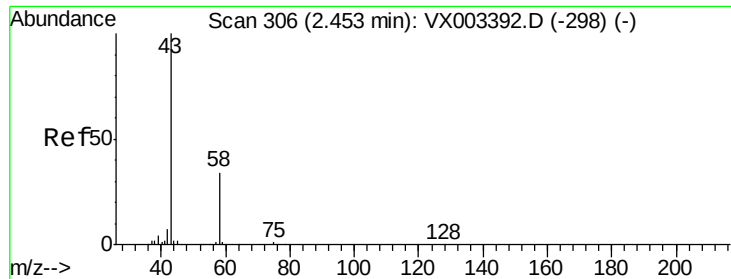
MMDadoda
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#15
Acrylonitrile
Concen: 4.90 ug/l
RT: 3.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.7	100.1
51	37.0	29.9	44.9





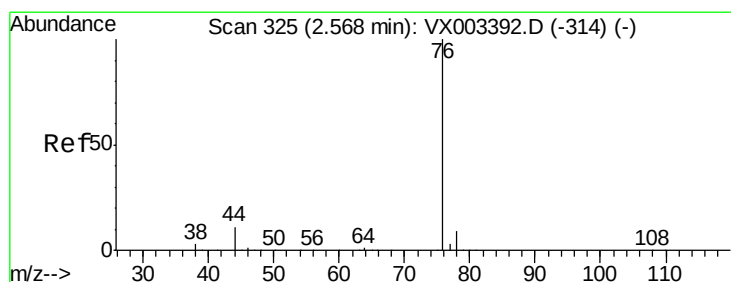
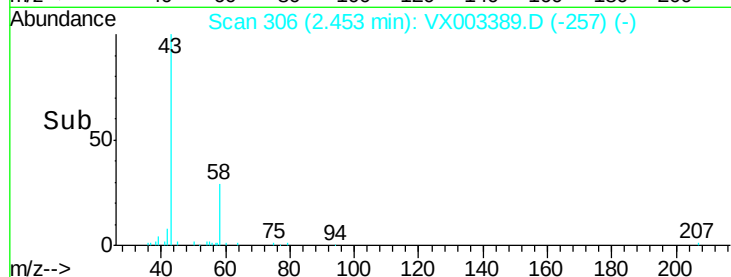
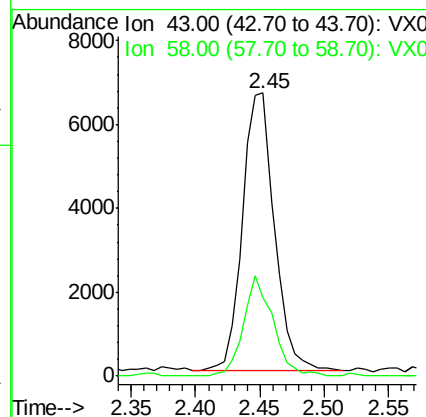
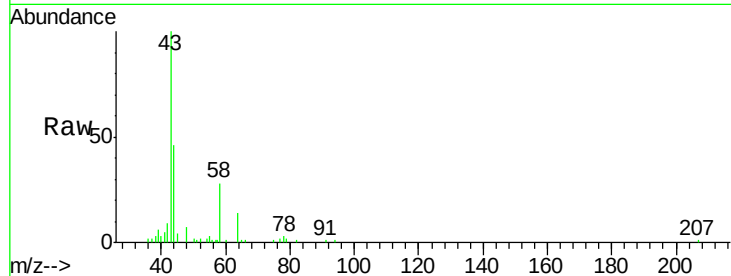
#16
Acetone
Concen: 5.39 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 11384
Ion Ratio Lower Upper
43 100
58 28.4 22.1 33.1

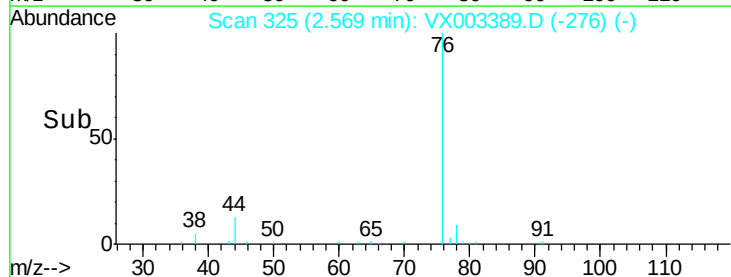
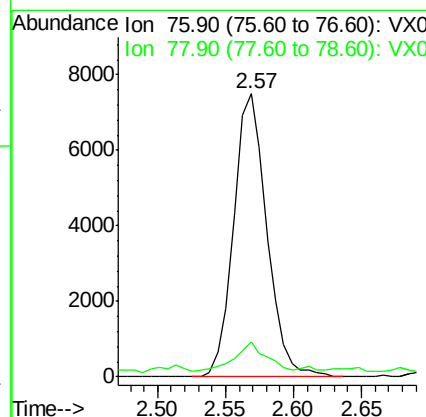
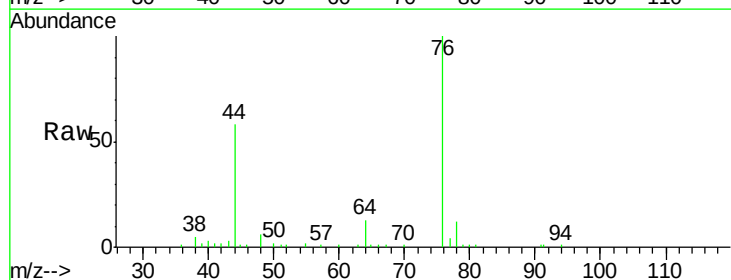
Manual Integrations
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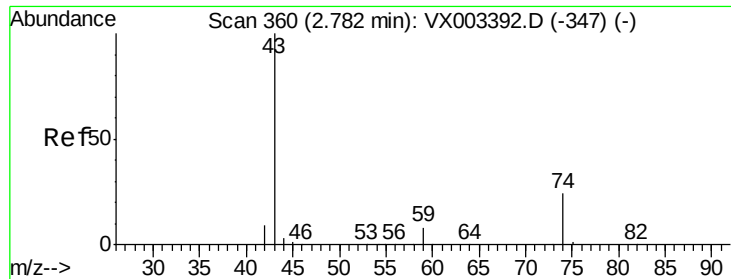
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#17
Carbon Disulfide
Concen: 1.24 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion: 76 Resp: 12733
Ion Ratio Lower Upper
76 100
78 10.3 6.9 10.3





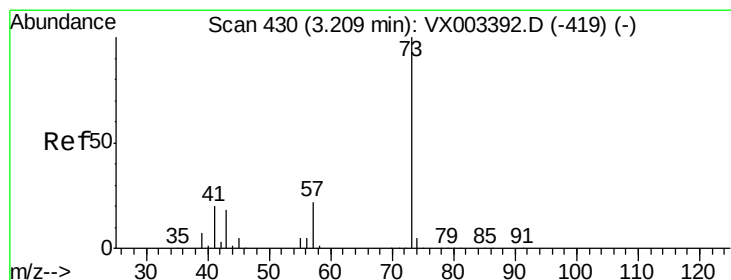
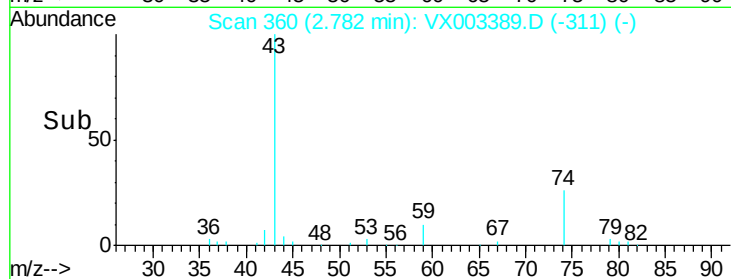
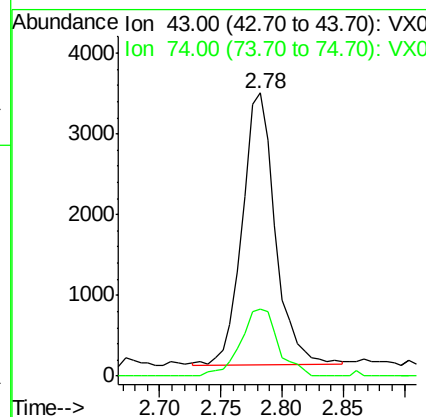
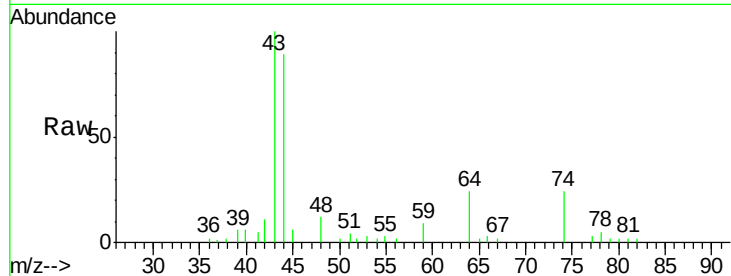
#18
Methyl Acetate
Concen: 0.96 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 6320
Ion Ratio Lower Upper
43 100
74 28.2 16.7 25.1#

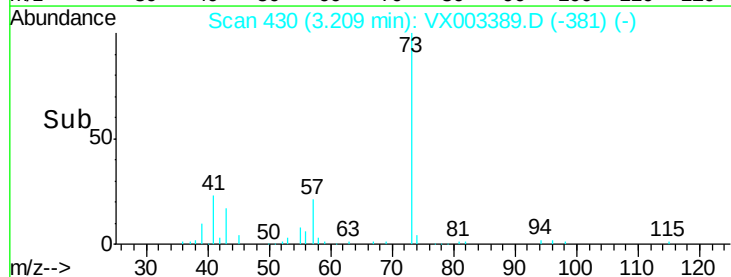
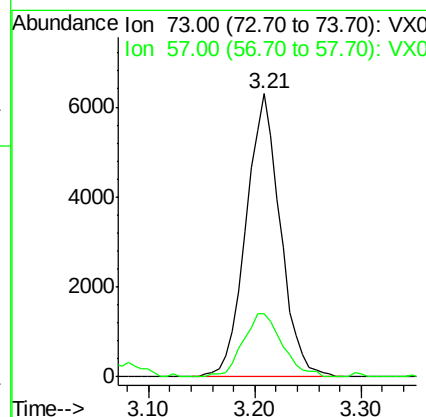
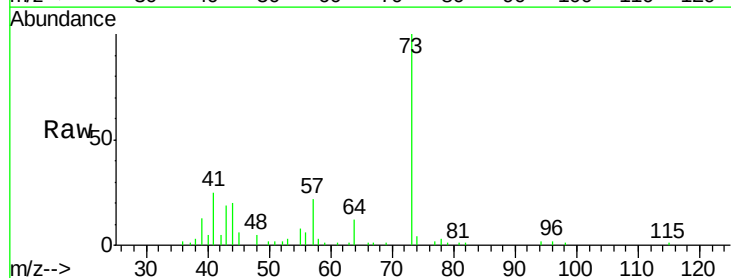
Manual Integrations
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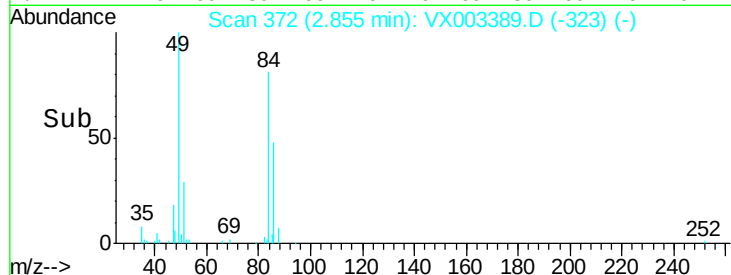
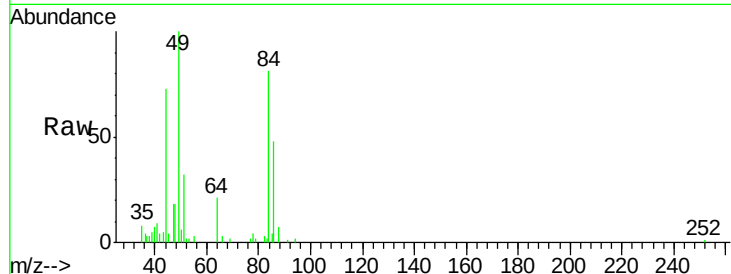
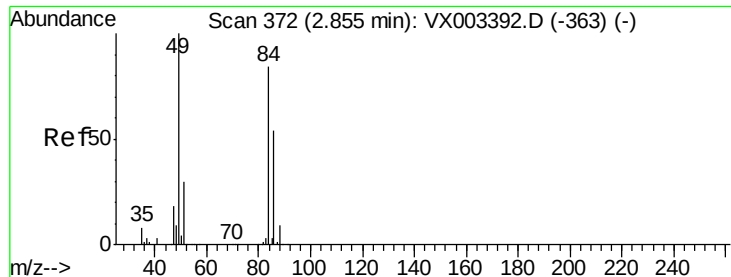
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#19
Methyl tert-butyl Ether
Concen: 0.95 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

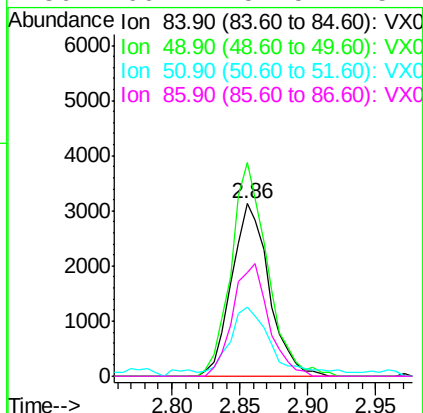
Tgt Ion: 73 Resp: 14236
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5





#20
Methylene Chloride
Concen: 1.18 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

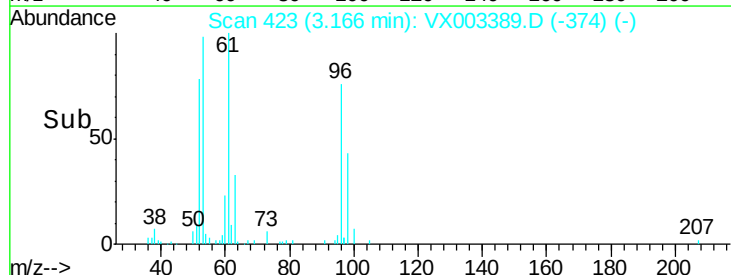
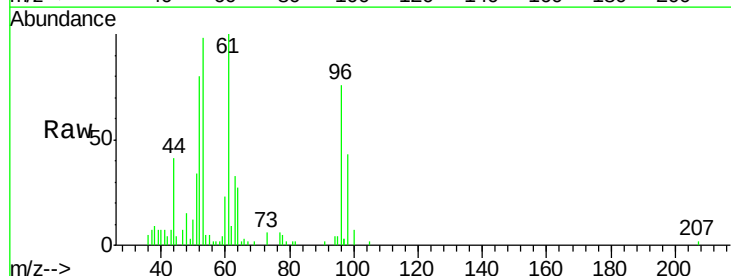
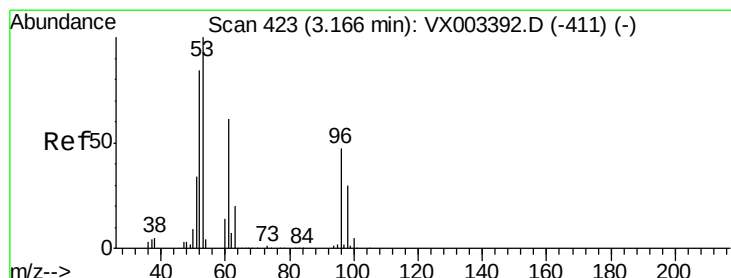
Tot Ion:	84	Resp:	6020
Ion	Ratio	Lower	Upper
84	100		
49	123.9	107.8	161.6
51	36.4	32.8	49.2
86	60.1	52.5	78.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

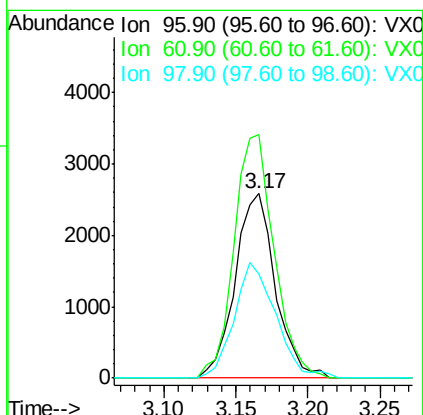
Manual Integrations
APPROVED

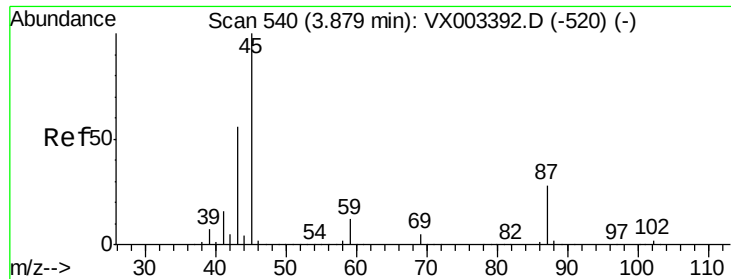
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#21
trans-1,2-Dichloroethene
Concen: 1.12 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion:	96	Resp:	5011
Ion	Ratio	Lower	Upper
96	100		
61	132.0	117.0	175.4
98	56.4	52.4	78.6





#22

Diisopropyl ether

Concen: 1.08 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

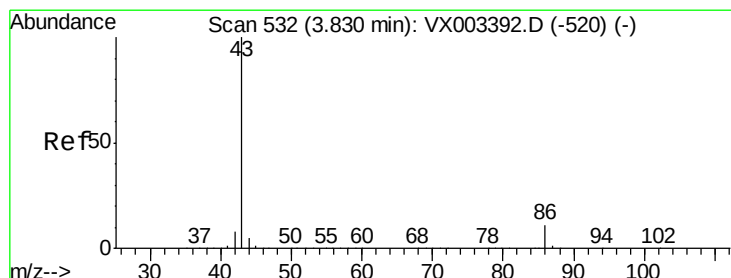
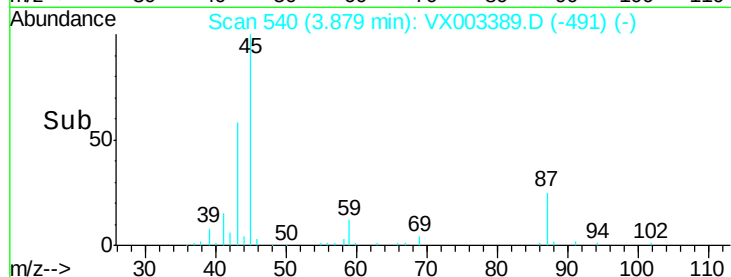
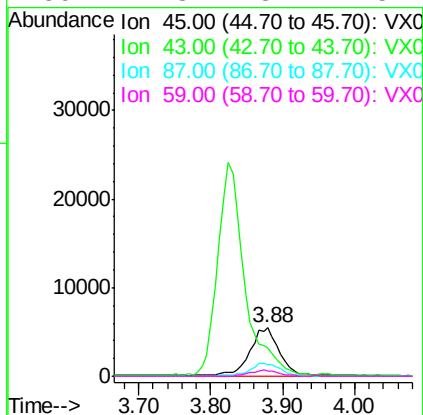
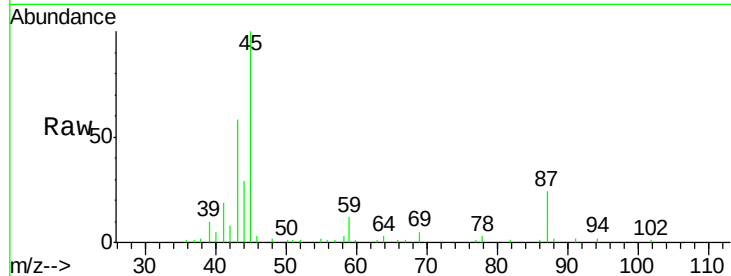
ClientSampleId :

VSTDIC001

Tot Ion:	45	Resp:	16143
Ion	Ratio	Lower	Upper
45	100		
43	54.4	46.8	70.2
87	24.2	20.2	30.4
59	11.8	8.7	13.1

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#23

Vinyl Acetate

Concen: 5.15 ug/l

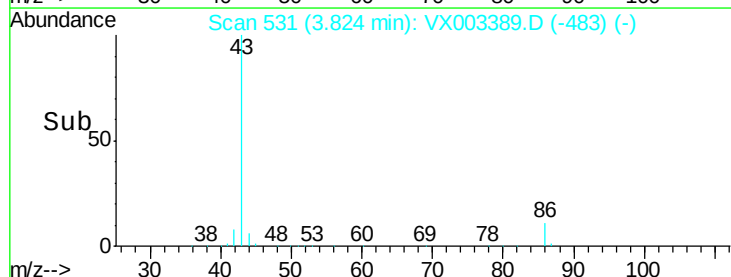
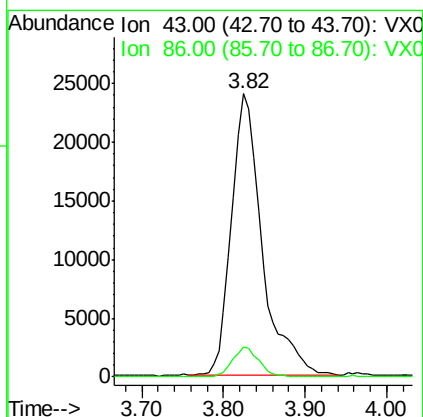
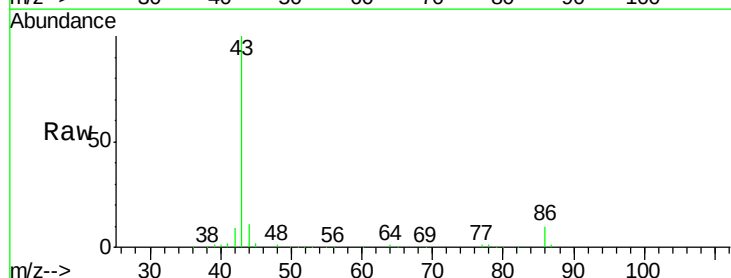
RT: 3.82 min Scan# 531

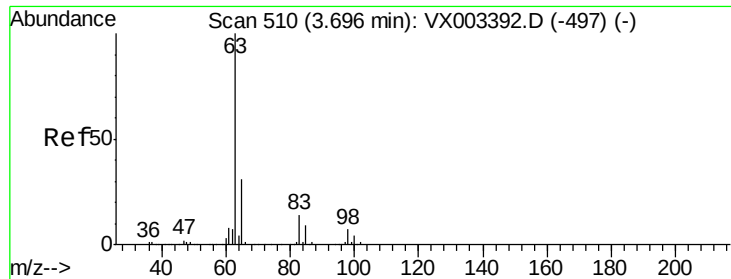
Delta R.T. -0.01 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Tgt Ion:	43	Resp:	62786
Ion	Ratio	Lower	Upper
43	100		
86	10.5	7.4	11.0





#24

1,1-Dichloroethane

Concen: 1.02 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

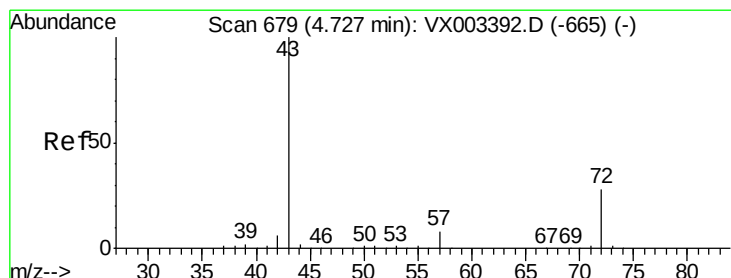
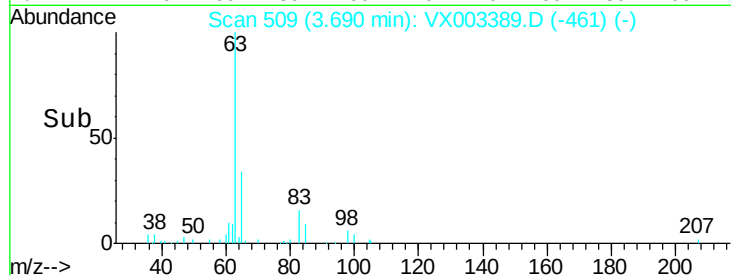
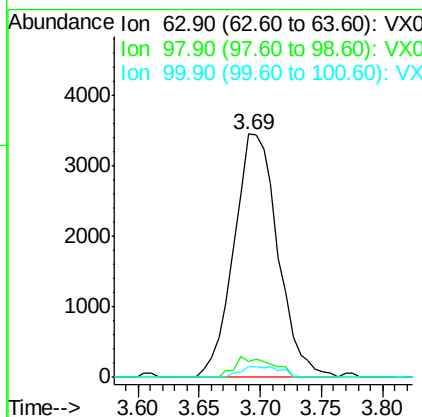
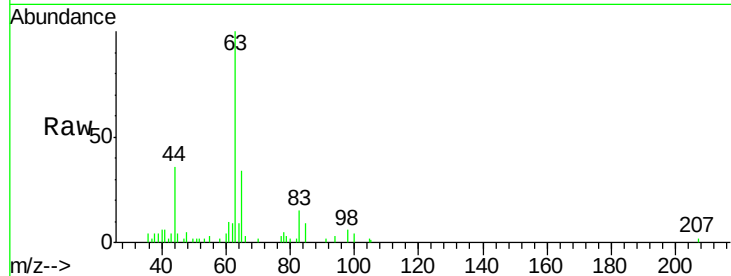
ClientSampleId :

VSTDIC001

Tot Ion:	63	Resp:	8637
Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.4	10.2
100	4.1	2.0	6.0

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#25

2-Butanone

Concen: 4.97 ug/l

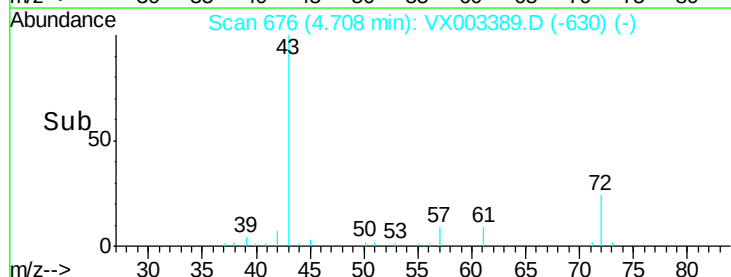
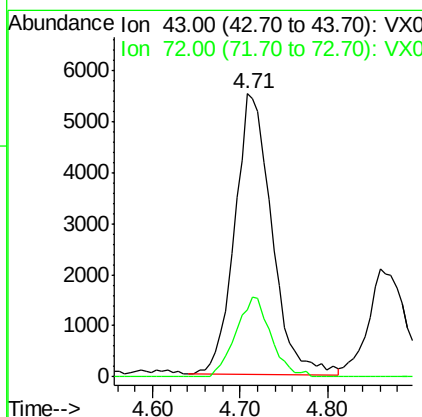
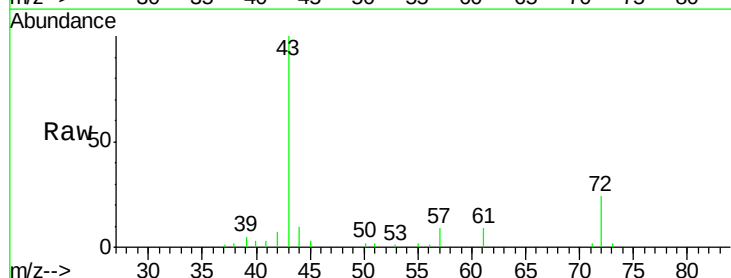
RT: 4.71 min Scan# 676

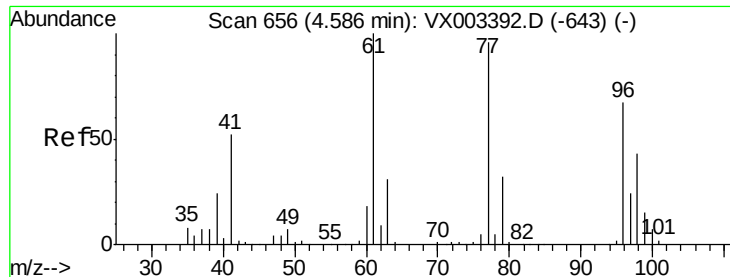
Delta R.T. -0.02 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Tgt Ion:	43	Resp:	16267
Ion	Ratio	Lower	Upper
43	100		
72	23.7	18.5	27.7





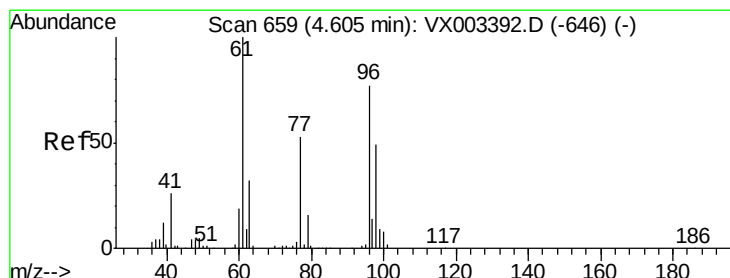
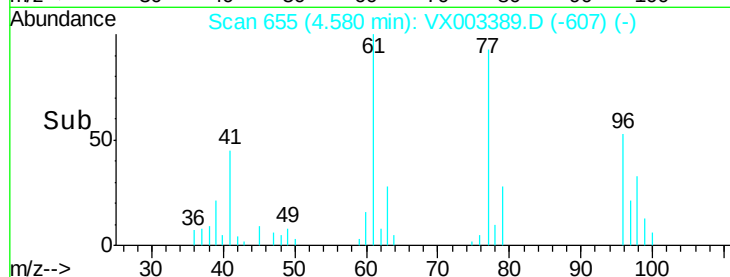
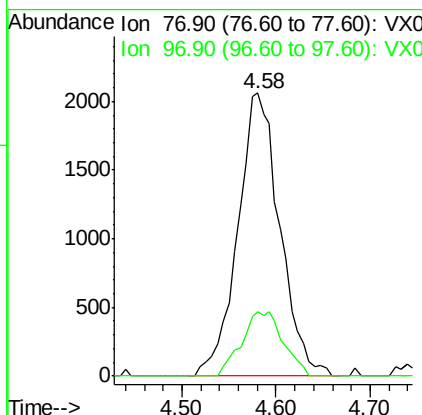
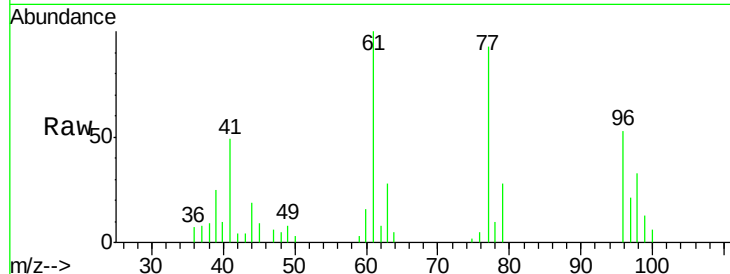
#26
 2,2-Dichloropropane
 Concen: 1.08 ug/l
 RT: 4.58 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 77 Resp: 6435
 Ion Ratio Lower Upper
 77 100
 97 22.4 11.2 33.5

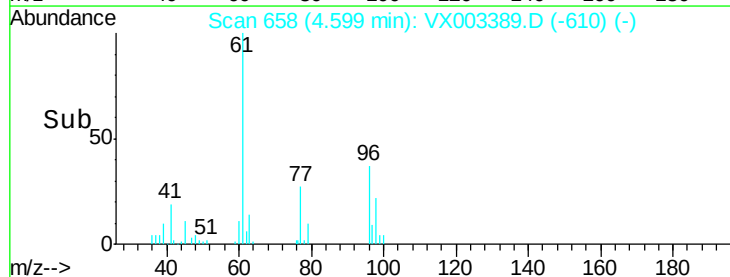
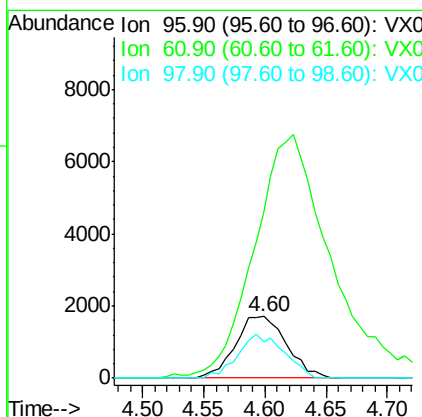
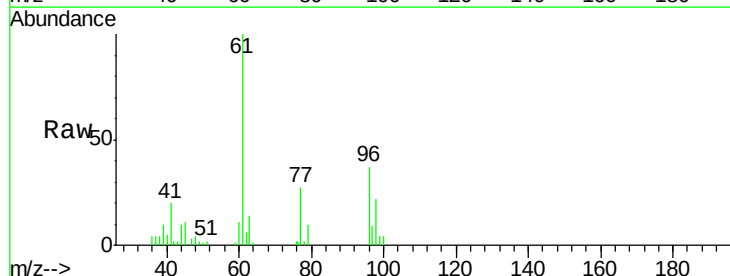
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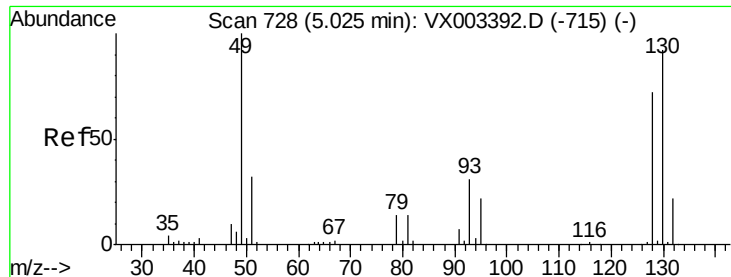
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#27
 cis-1,2-Dichloroethene
 Concen: 1.01 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion: 96 Resp: 4946
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 330.2
 98 64.5 0.0 130.2





#28

Bromochloromethane

Concen: 0.97 ug/l

RT: 5.01 min Scan# 726

Delta R.T. -0.01 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

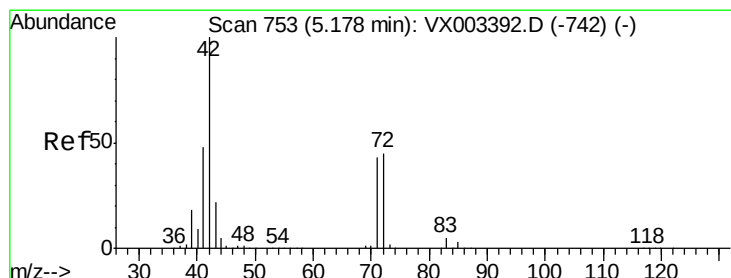
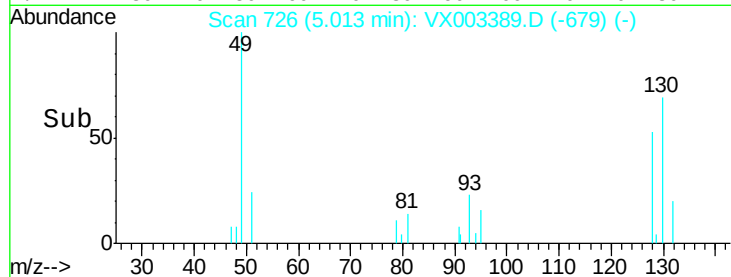
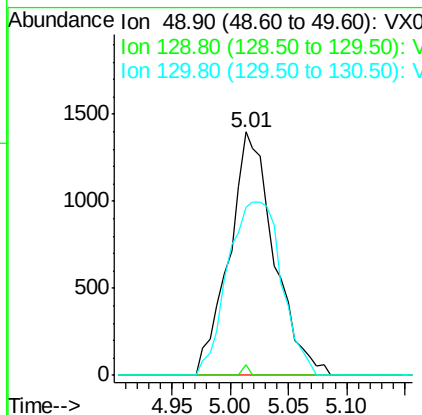
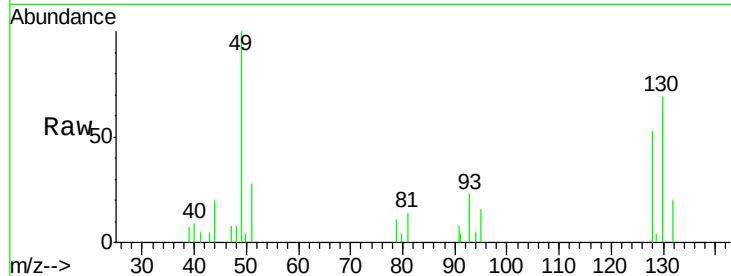
ClientSampleId :

VSTDIC001

Tot Ion: 49 Resp: 3754
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 4.2
 130 85.2 61.2 91.8

Manual Integrations
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#29

Tetrahydrofuran

Concen: 4.97 ug/l

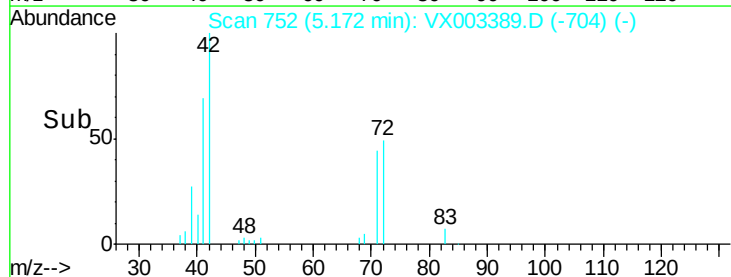
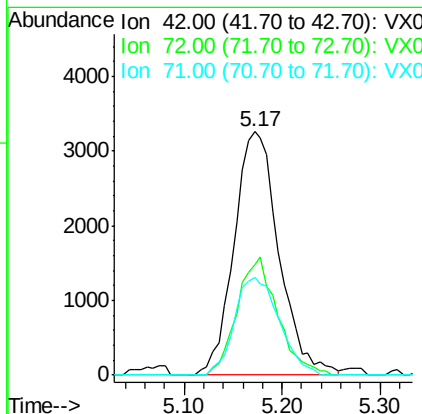
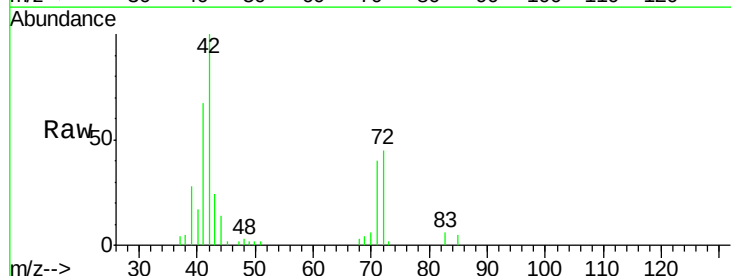
RT: 5.17 min Scan# 752

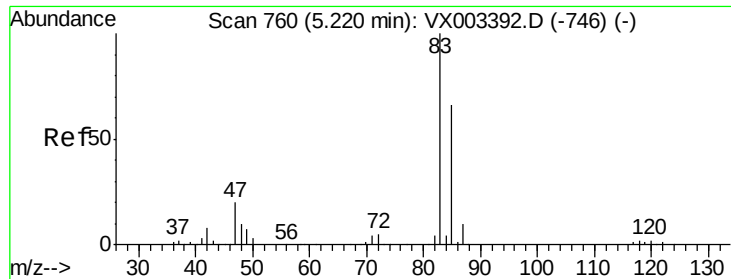
Delta R.T. -0.01 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Tgt Ion: 42 Resp: 10381
 Ion Ratio Lower Upper
 42 100
 72 43.8 32.0 48.0
 71 39.9 30.1 45.1





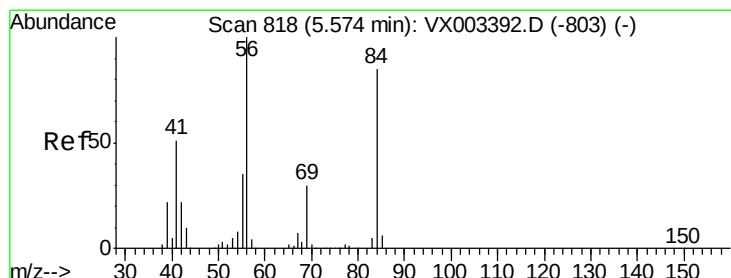
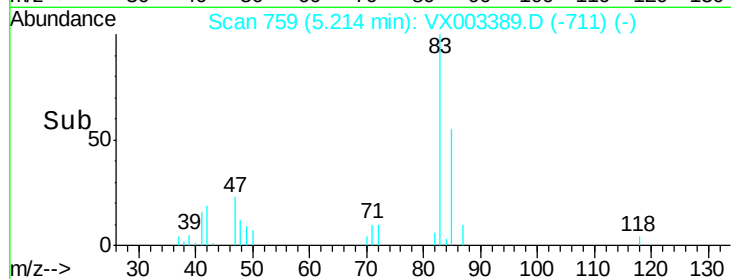
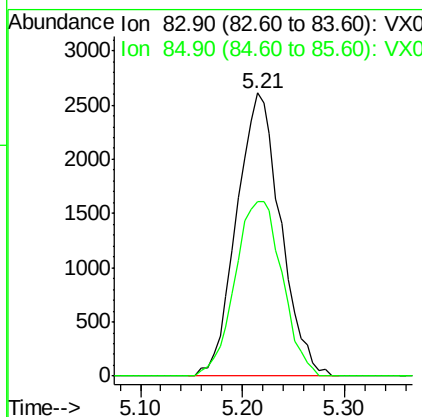
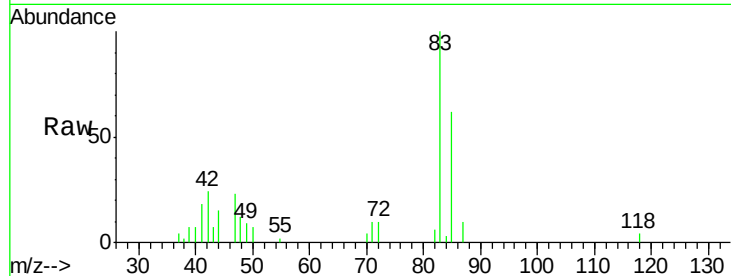
#30
Chloroform
Concen: 0.97 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	83	Resp	7828
Ion Ratio	100	Lower	Upper
85	61.8	50.4	75.6

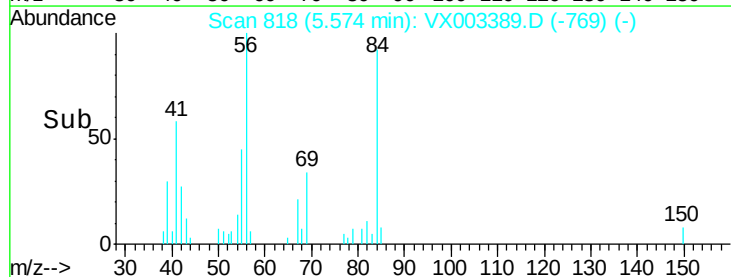
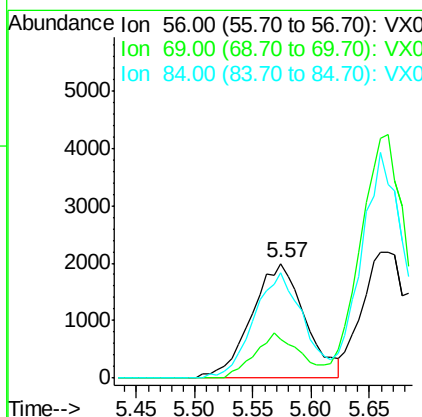
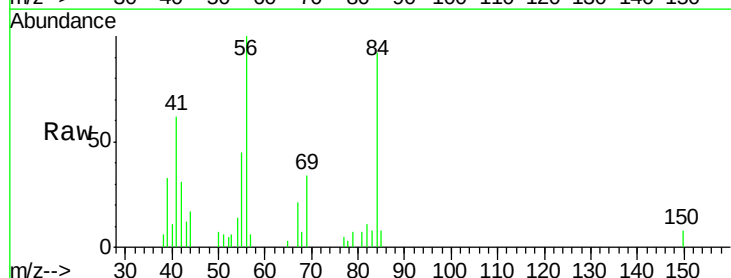
Manual Integrations
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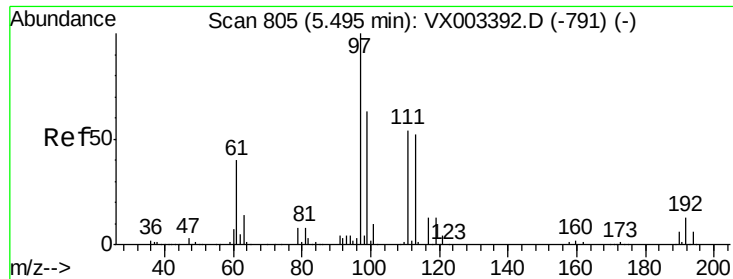
MMDadoda
7/17/2018 1:46:29 PM



#31
Cyclohexane
Concen: 0.98 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion	56	Resp	6352
Ion Ratio	100	Lower	Upper
69	33.7	23.7	35.5
84	92.4	64.1	96.1





#32

1,1,1-Trichloroethane

Concen: 0.93 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

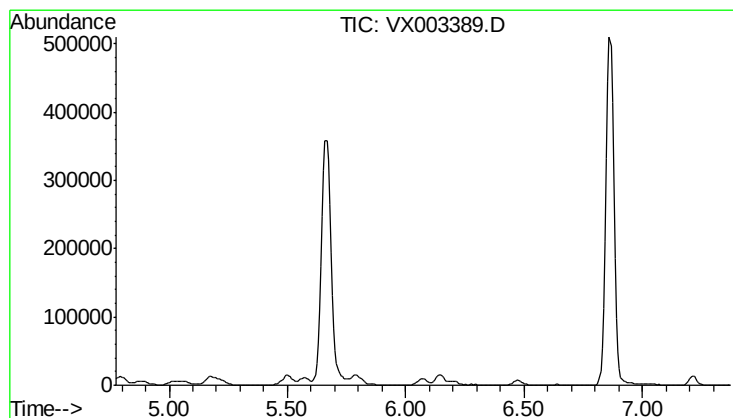
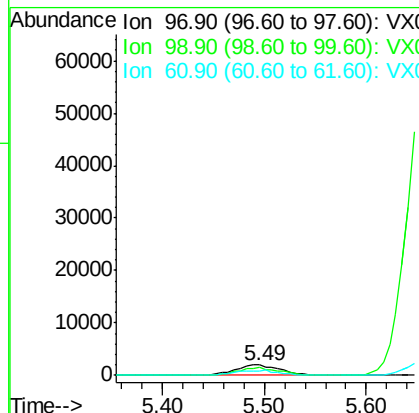
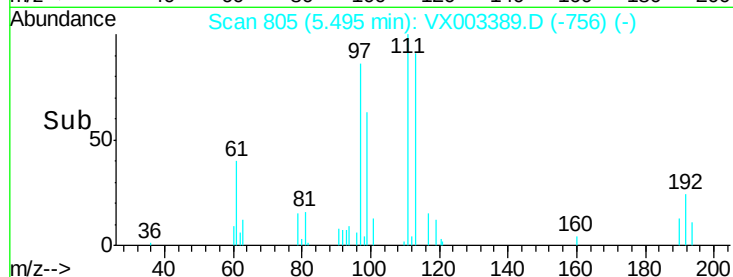
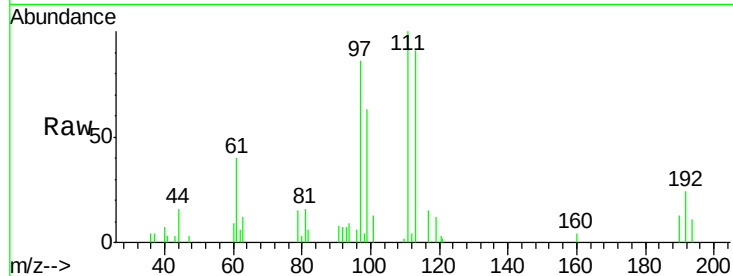
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
99	0.0	51.6	77.4#	
61	47.0	36.4	54.6	

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#33

1,2-Dichloroethane-d4

Concen: 0.00 ug/l

Expected RT: 6.07 min

Lab File: VX003389.D

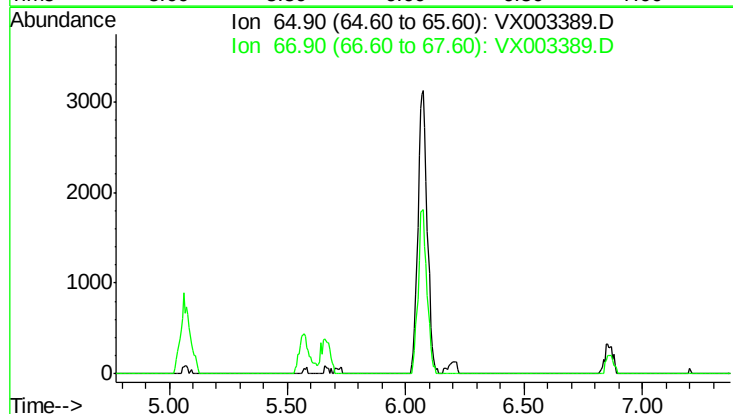
Acq: 16 Jul 2018 10:27

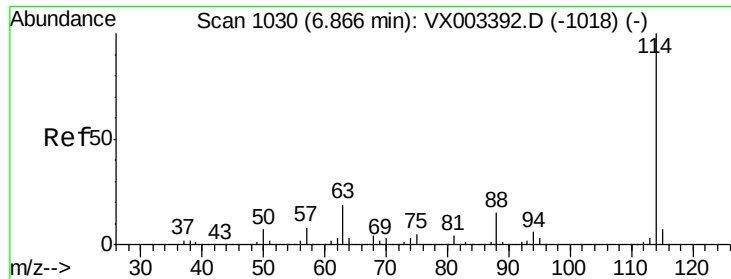
Tgt Ion: 65

Sig Exp Ratio

65 100

67 51.3





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

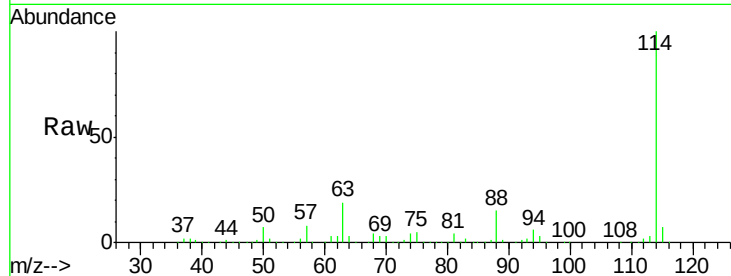
ClientSampleId :

VSTDIC001

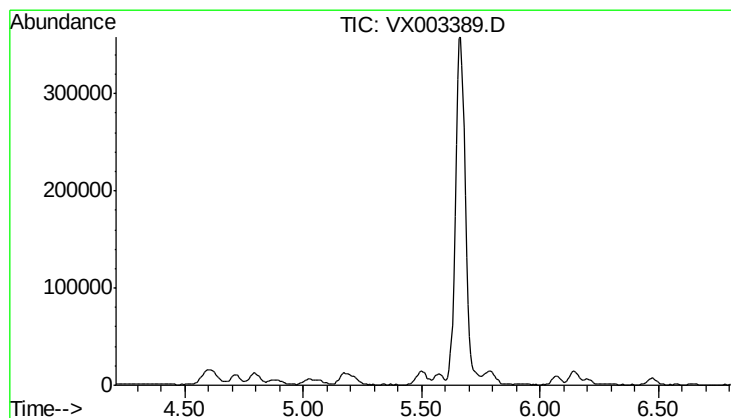
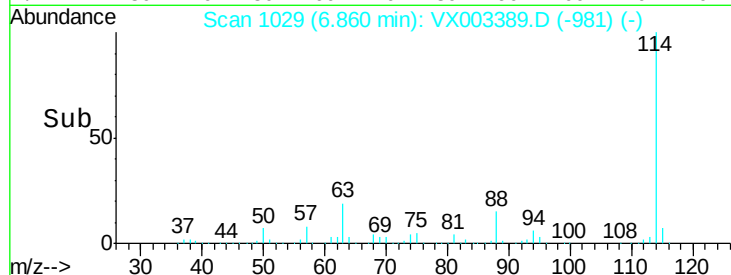
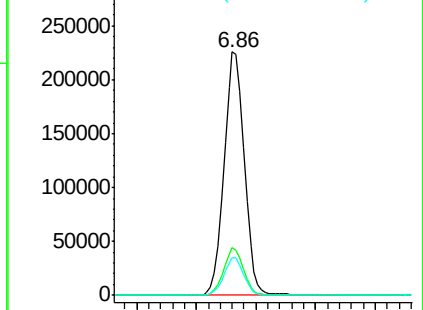
Tot Ion:	114	Resp:	536045
Ion Ratio	Lower	Upper	
114	100		
63	19.5	0.0	41.4
88	15.3	0.0	30.0

Manual Integrations
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Abundance Ion 113.90 (113.60 to 114.60): V



#35

Dibromofluoromethane

Concen: 0.00 ug/l

Expected RT: 5.51 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

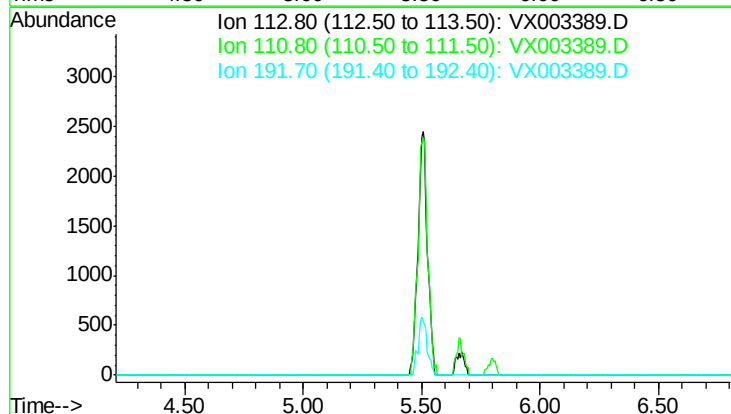
Tgt Ion: 113

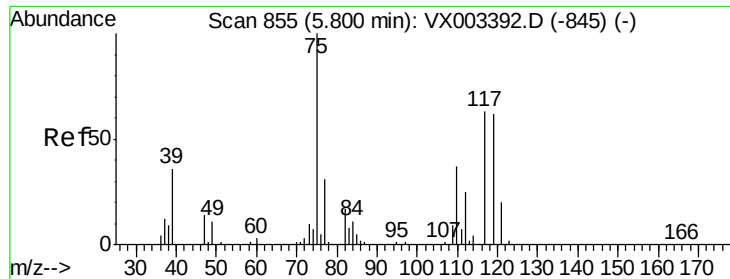
Sig Exp Ratio

113 100

111 101.7

192 23.9





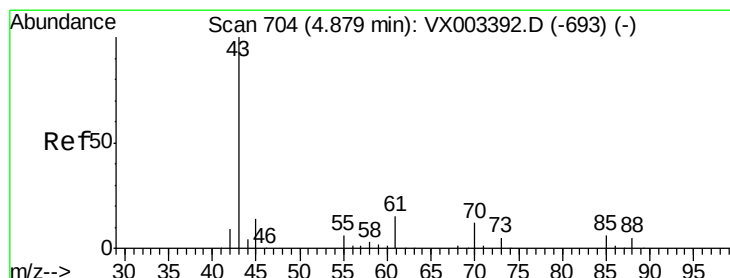
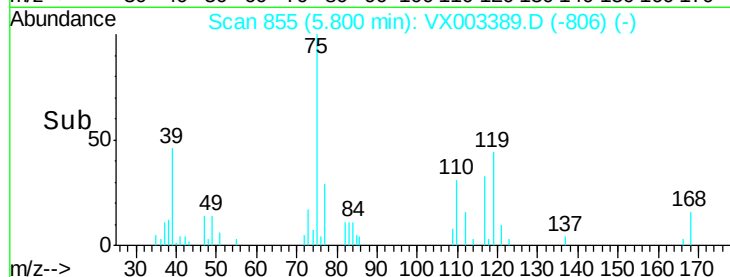
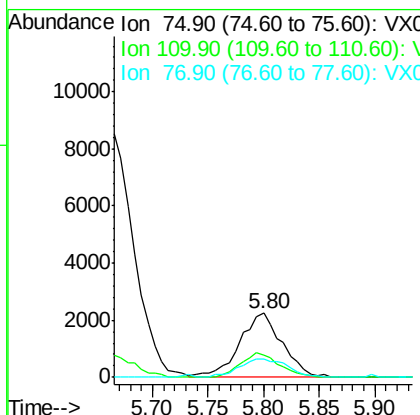
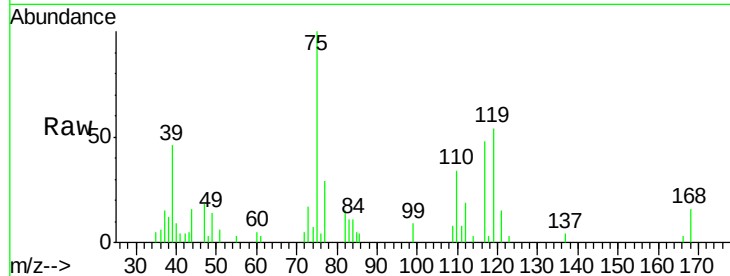
#36
 1,1-Dichloropropene
 Concen: 1.05 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	34.4	18.1	54.4
77	32.6	24.3	36.5

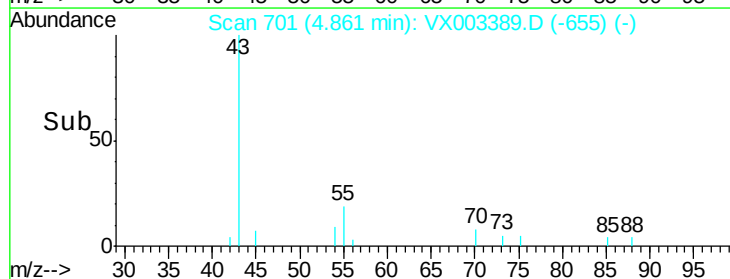
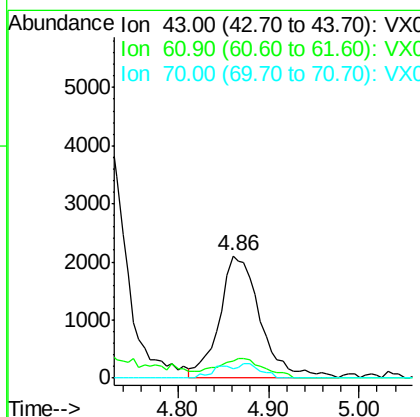
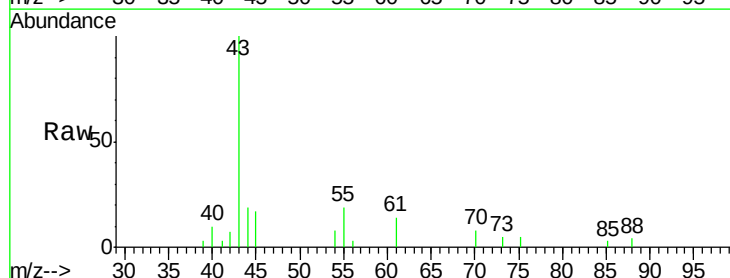
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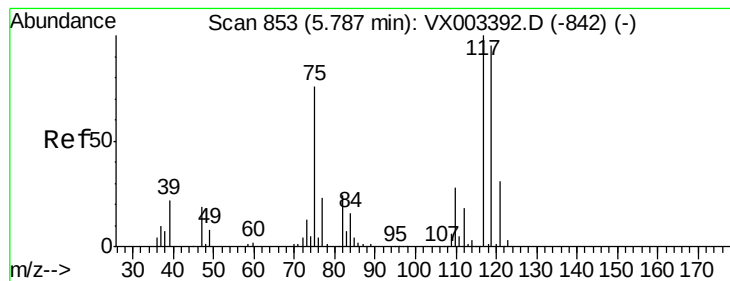
MMDadoda
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#37
 Ethyl Acetate
 Concen: 1.05 ug/l
 RT: 4.86 min Scan# 701
 Delta R.T. -0.02 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.1	10.4	15.6#
70	6.5	7.6	11.4#





#38

Carbon Tetrachloride

Concen: 0.99 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

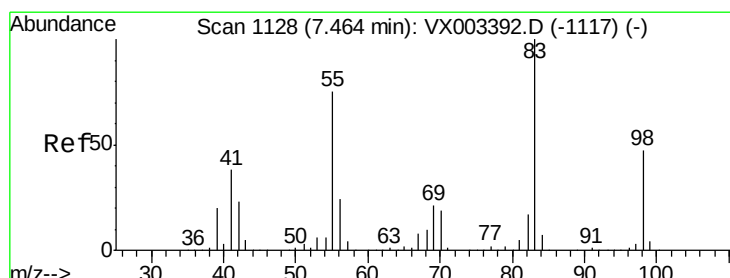
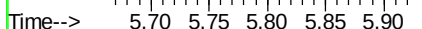
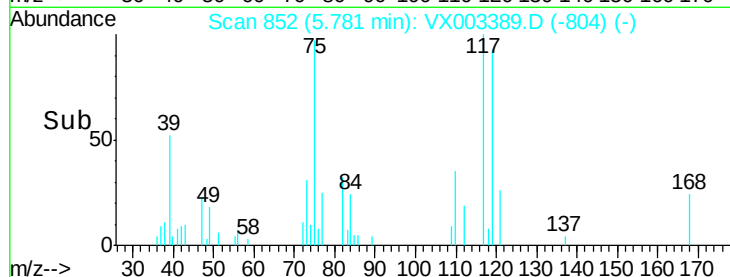
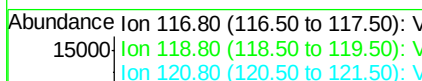
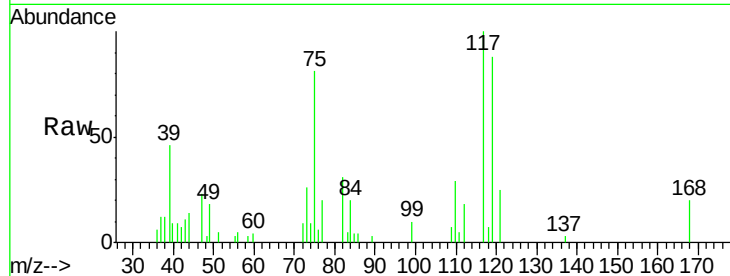
ClientSampleId :

VSTDIC001

Tot Ion:	117	Resp:	5776
Ion	Ratio	Lower	Upper
117	100		
119	87.9	77.4	116.0
121	25.4	24.4	36.6

Manual Integrations
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#39

Methylcyclohexane

Concen: 1.04 ug/l

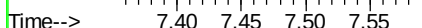
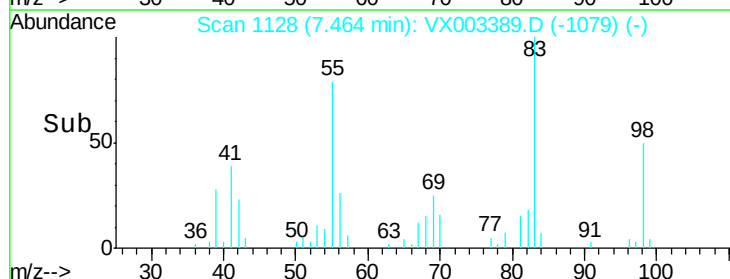
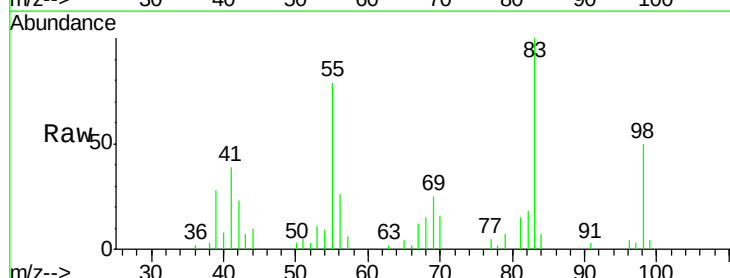
RT: 7.46 min Scan# 1128

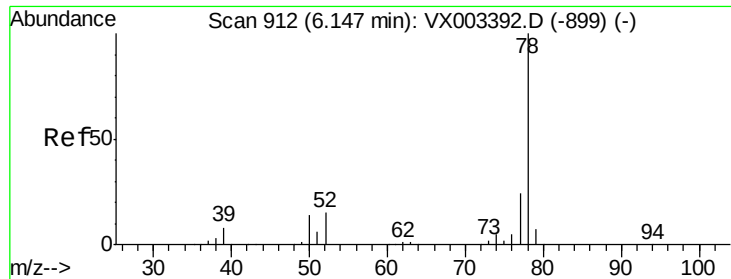
Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Tgt Ion:	83	Resp:	6675
Ion	Ratio	Lower	Upper
83	100		
55	79.0	65.4	98.0
98	50.1	37.4	56.0





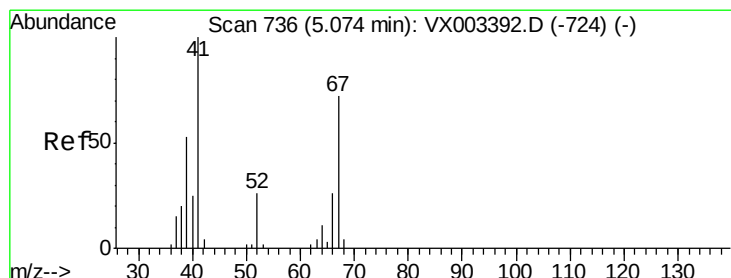
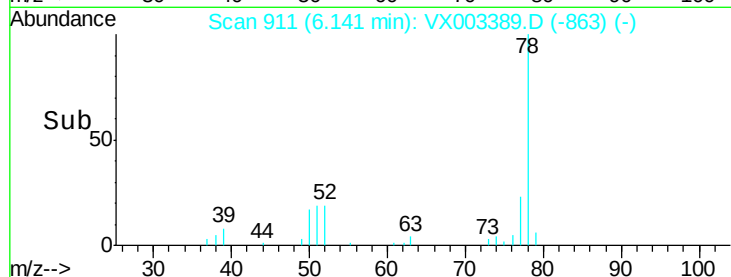
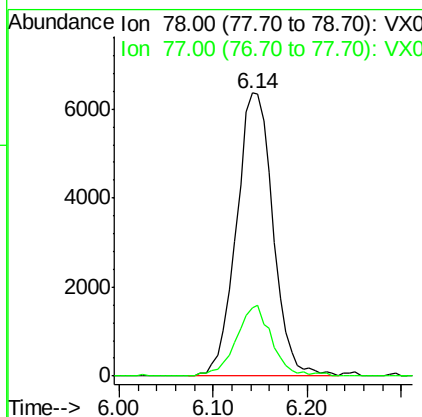
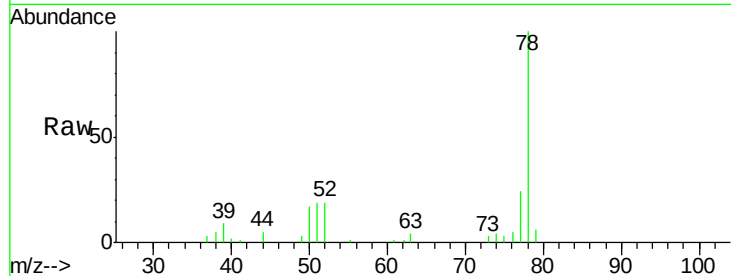
#40
Benzene
Concen: 0.97 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 78 Resp: 17331
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7

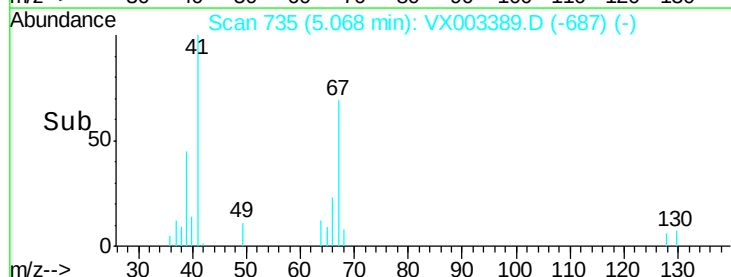
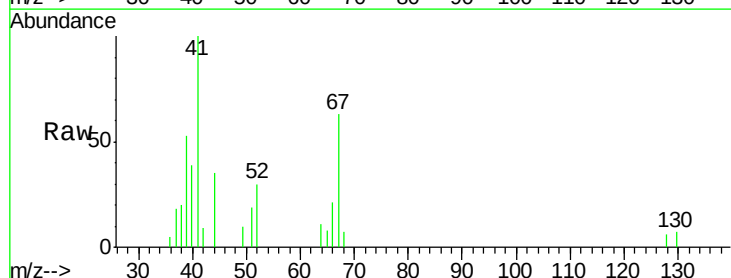
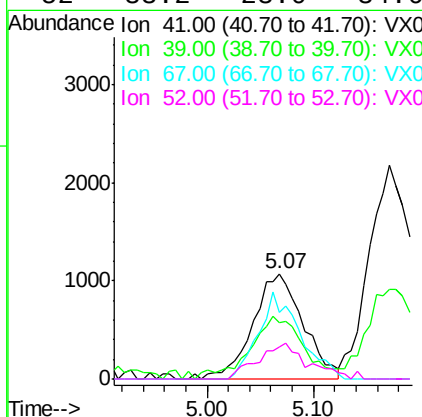
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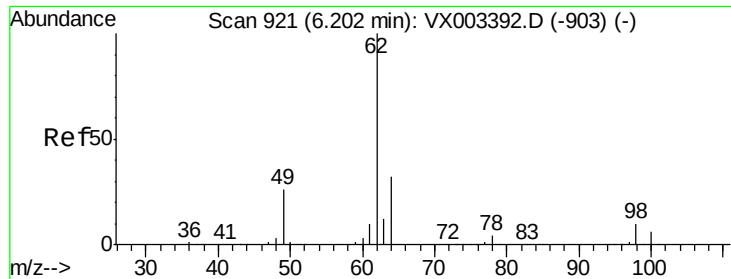
MMDadoda
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#41
Methacrylonitrile
Concen: 0.99 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion: 41 Resp: 3538
Ion Ratio Lower Upper
41 100
39 62.2 45.8 68.6
67 68.0 51.3 76.9
52 33.2 23.0 34.6





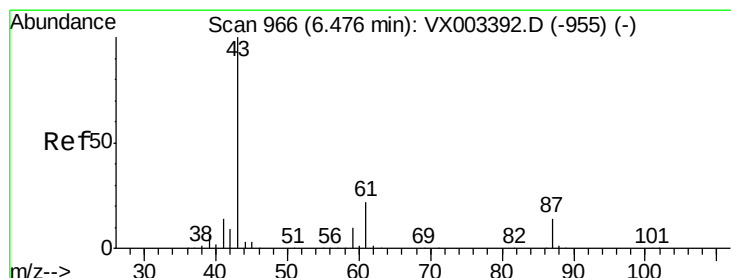
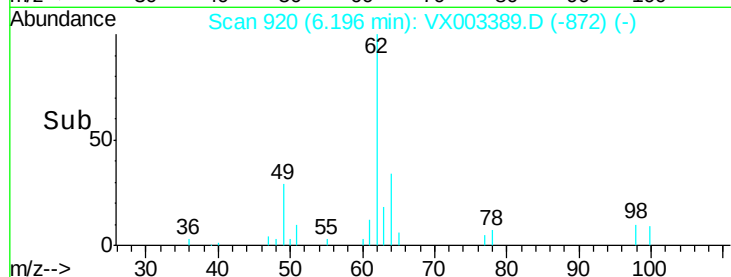
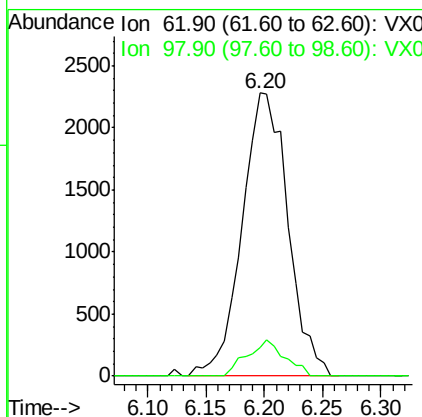
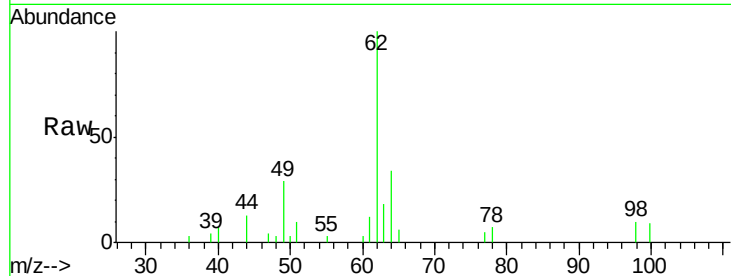
#42
 1,2-Dichloroethane
 Concen: 1.00 ug/l
 RT: 6.20 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	16.6

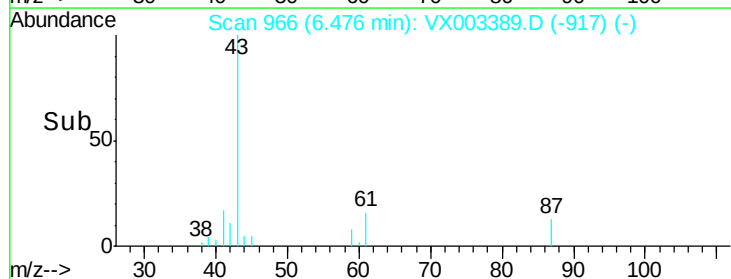
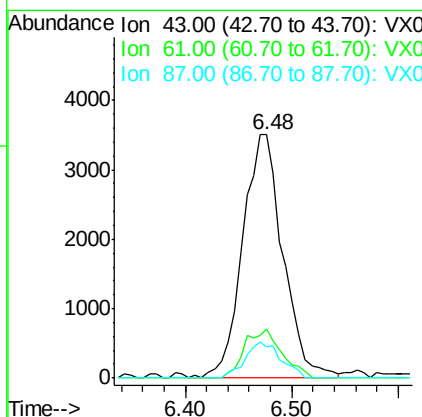
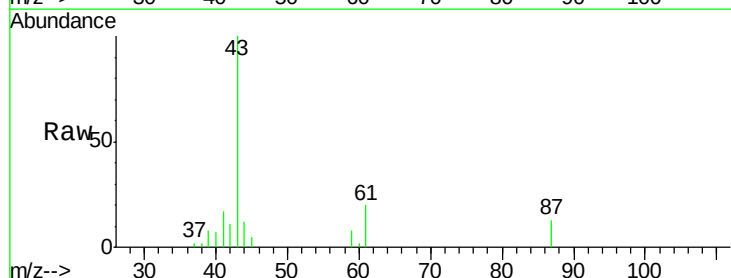
Manual Integrations
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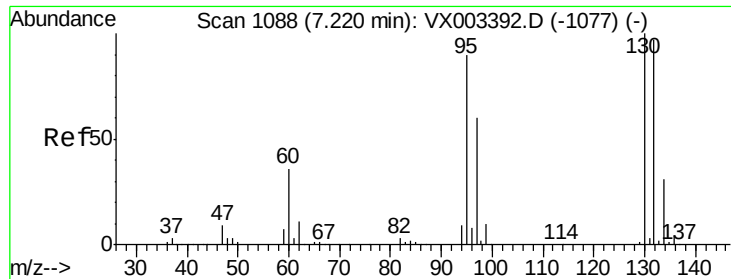
MMDadoda
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#43
 Isopropyl Acetate
 Concen: 0.95 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.4	21.6
87	13.1	9.5	14.3





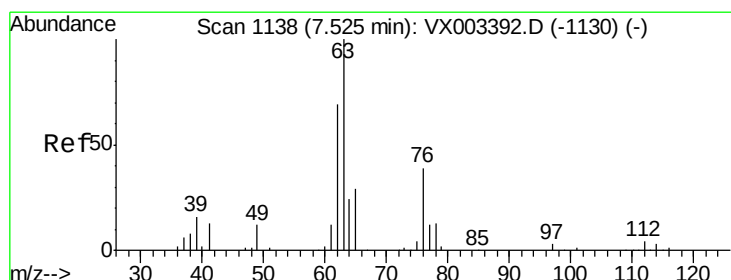
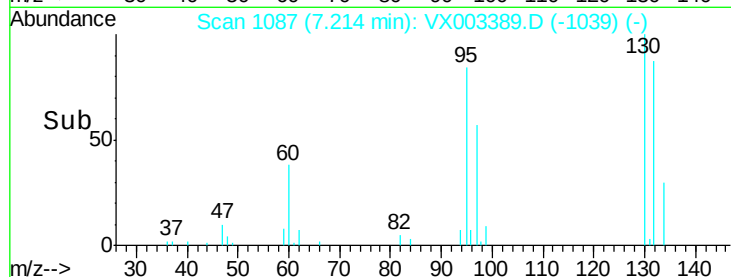
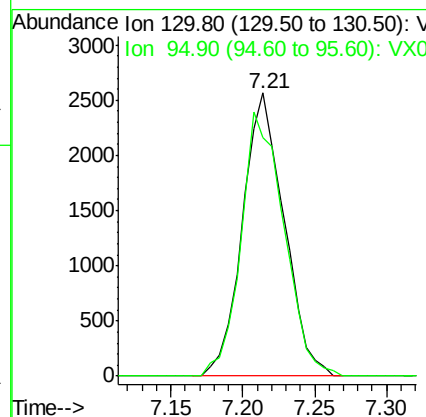
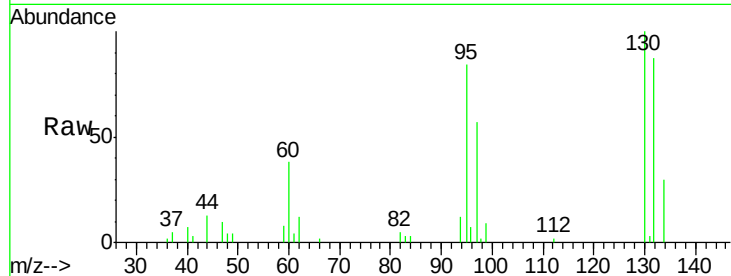
#44
 Trichloroethene
 Concen: 1.02 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:130 Resp: 5138
 Ion Ratio Lower Upper
 130 100
 95 84.4 0.0 185.4

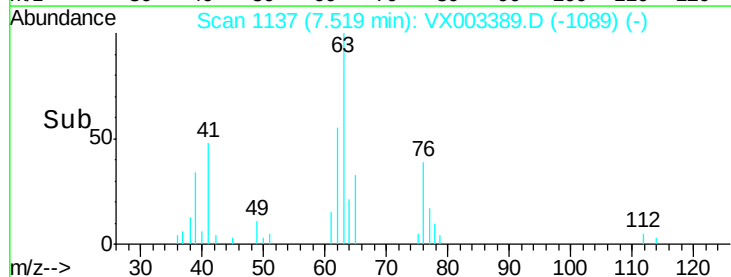
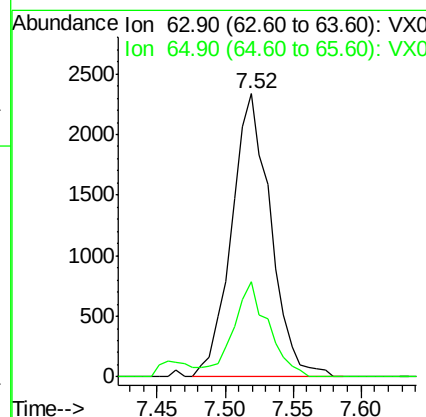
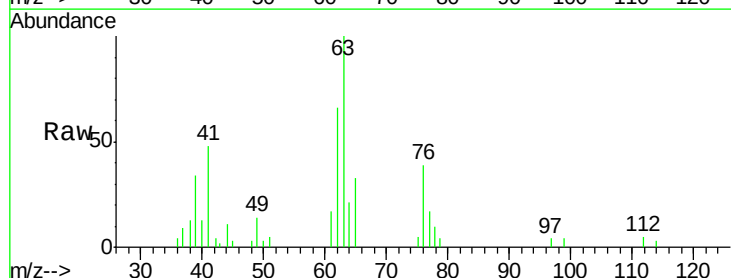
Manual Integrations
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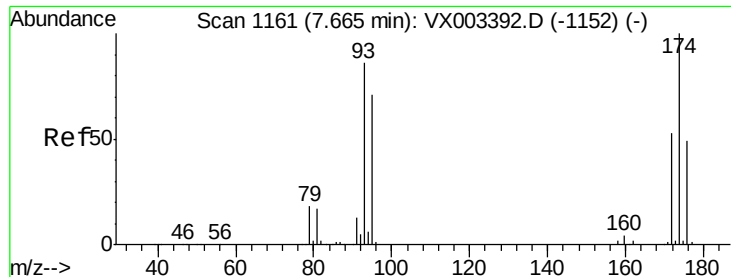
MMDadoda
 7/17/2018 1:46:29 PM



#45
 1,2-Dichloropropane
 Concen: 0.99 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion: 63 Resp: 4678
 Ion Ratio Lower Upper
 63 100
 65 33.5 24.7 37.1





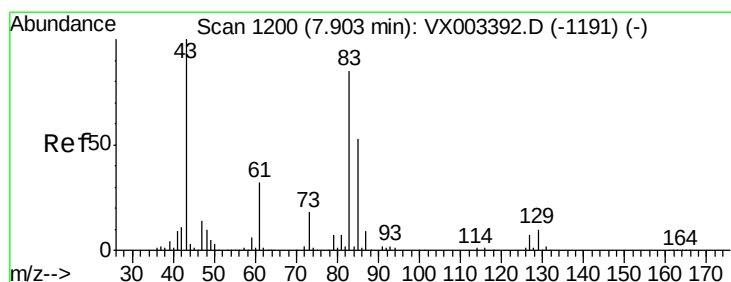
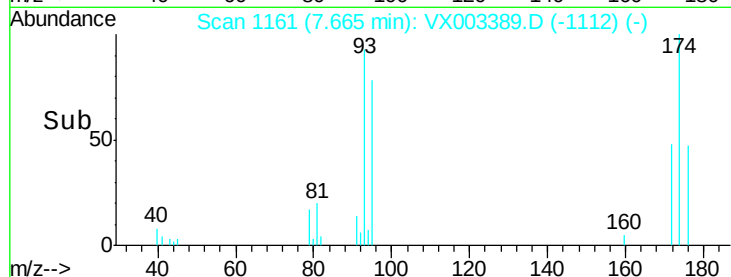
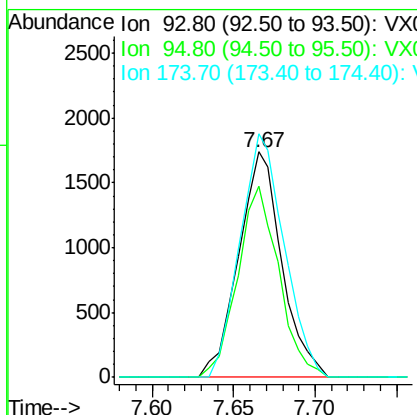
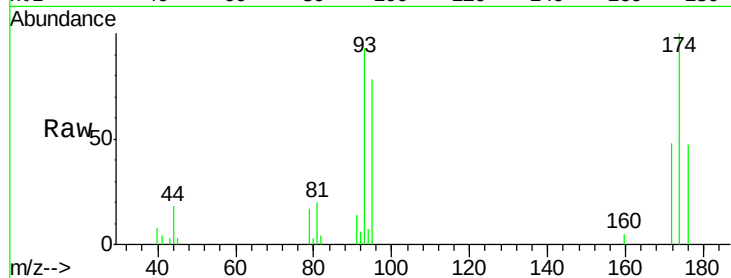
#46
Dibromomethane
Concen: 1.05 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 93 Resp: 3203
Ion Ratio Lower Upper
93 100
95 80.9 65.9 98.9
174 110.4 92.4 138.6

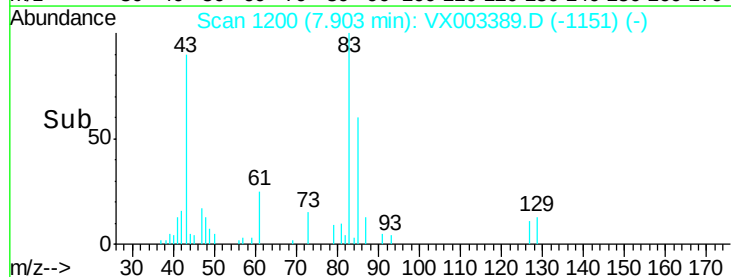
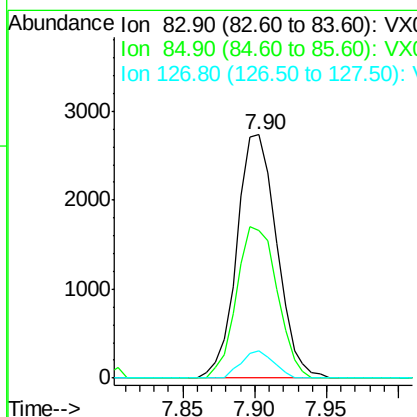
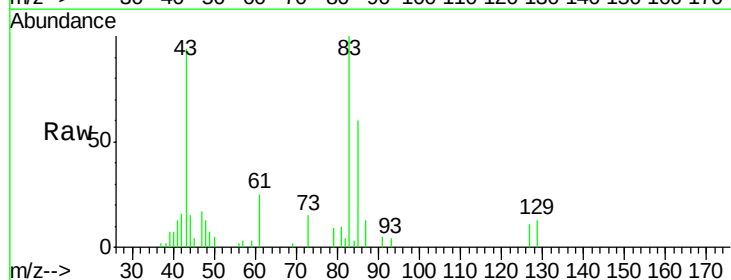
Manual Integrations
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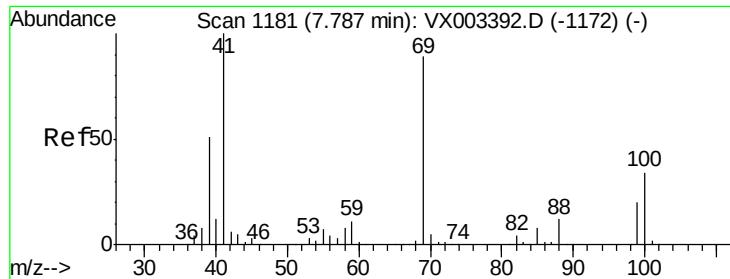
MMDadoda
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#47
Bromodichloromethane
Concen: 0.92 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion: 83 Resp: 5278
Ion Ratio Lower Upper
83 100
85 60.4 50.3 75.5
127 11.3 7.0 10.4#





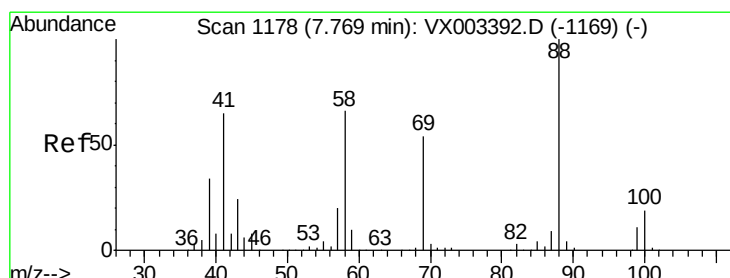
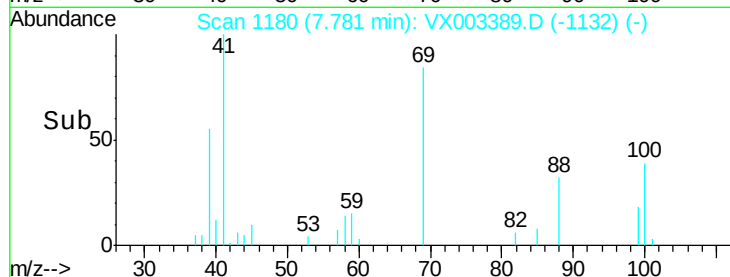
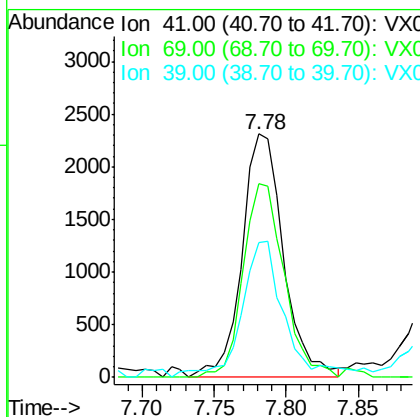
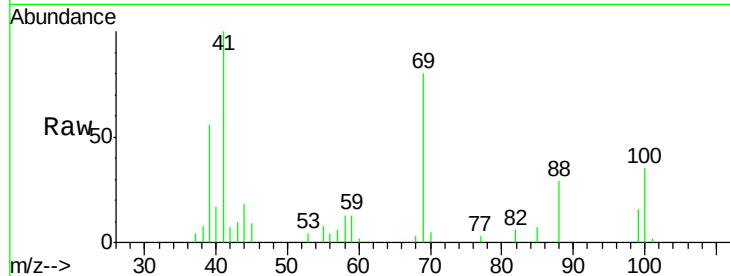
#48
Methvl methacrylate
Concen: 0.93 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	78.0	59.1	88.7
39	57.2	48.9	73.3

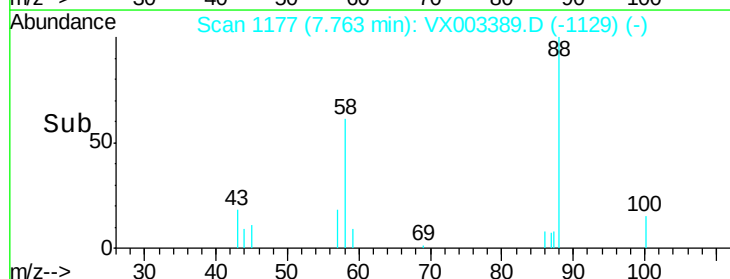
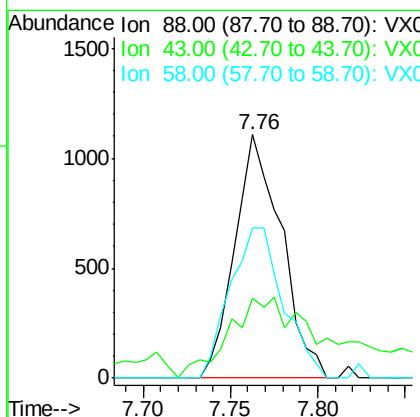
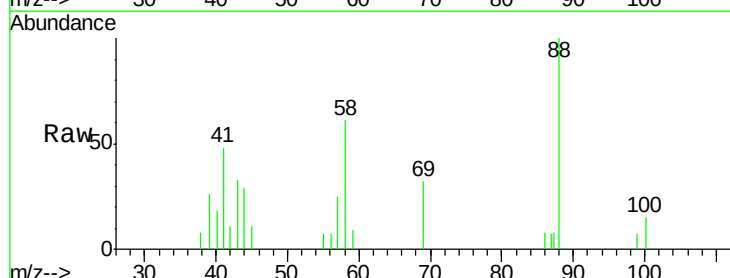
Manual Integrations
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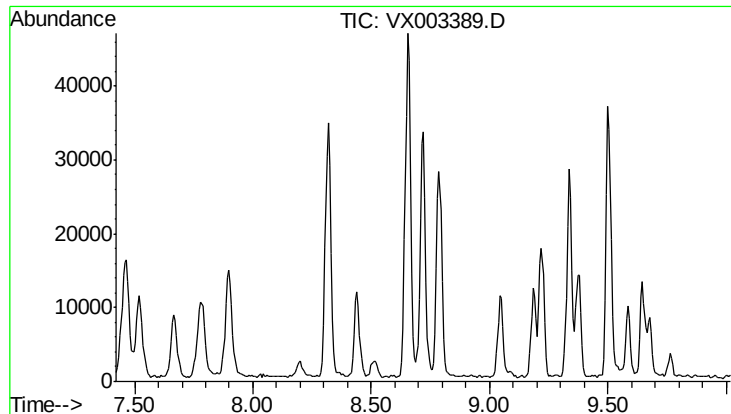
MMDadoda
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#49
1,4-Dioxane
Concen: 18.86 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion	Ratio	Lower	Upper
88	100		
43	69.4	29.8	44.6#
58	70.3	57.1	85.7





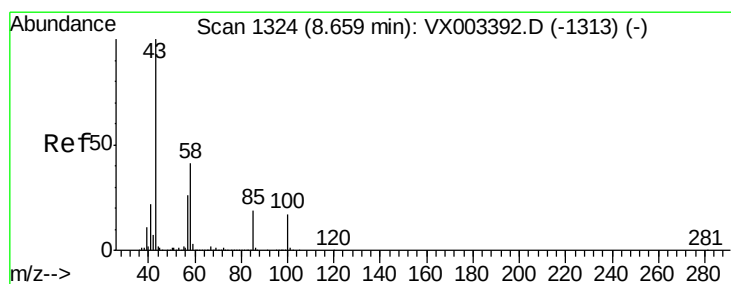
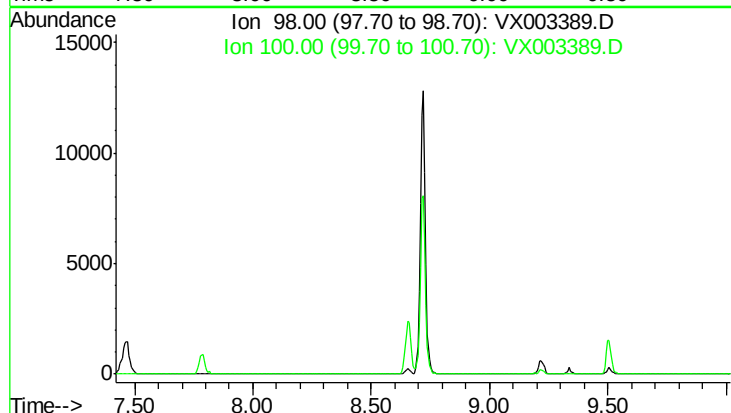
#50
Toluene-d8
Concen: 0.00 ug/l
Expected RT: 8.72 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tot Ion: 98
Sig Exp Ratio
98 100
100 63.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

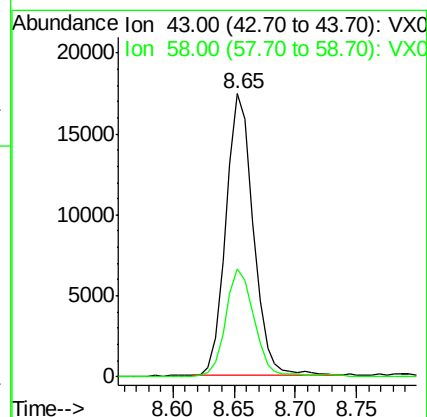
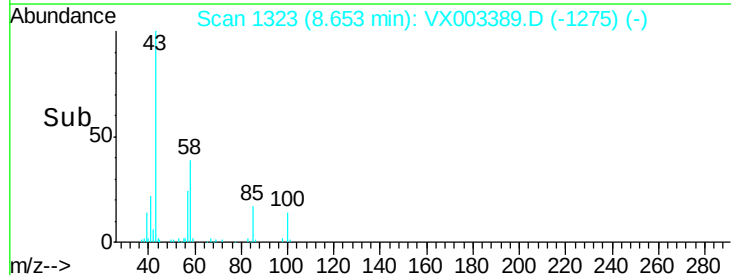
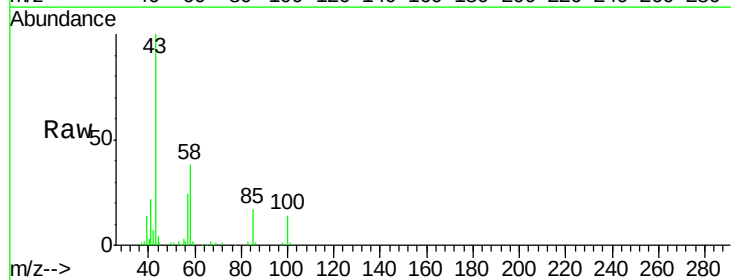
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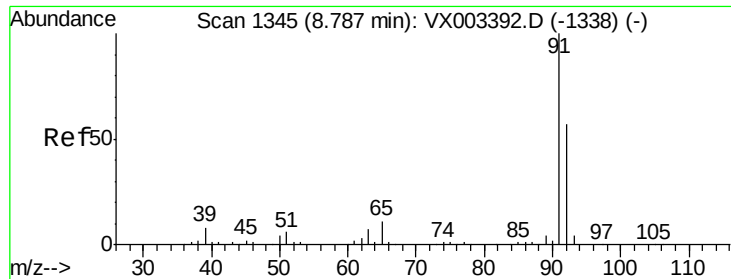
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 4.26 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion: 43 Resp: 27240
Ion Ratio Lower Upper
43 100
58 39.8 28.6 42.8





#52

Toluene

Concen: 0.90 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 10221

Ion Ratio Lower Upper

92 100

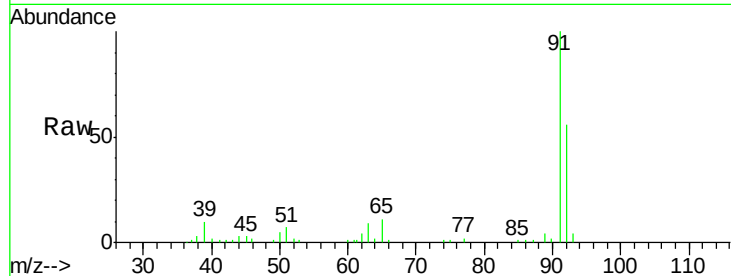
91 174.3 140.4 210.6

Manual Integrations

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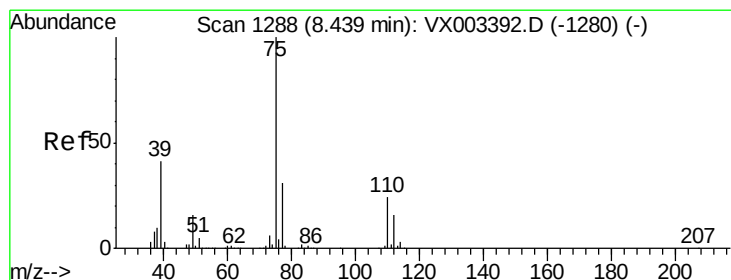
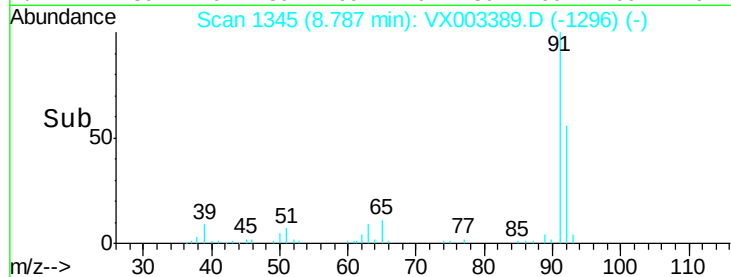
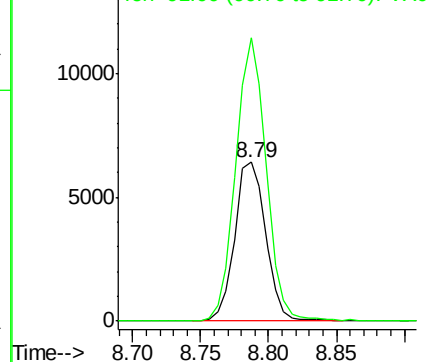
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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 0.84 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003389.D

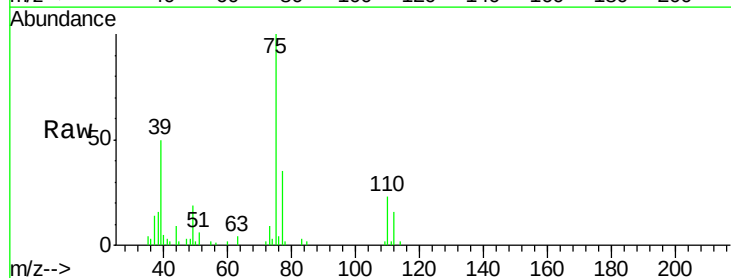
Acq: 16 Jul 2018 10:27

Tgt Ion: 75 Resp: 5680

Ion Ratio Lower Upper

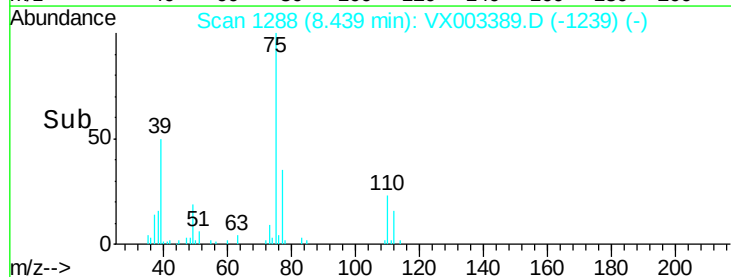
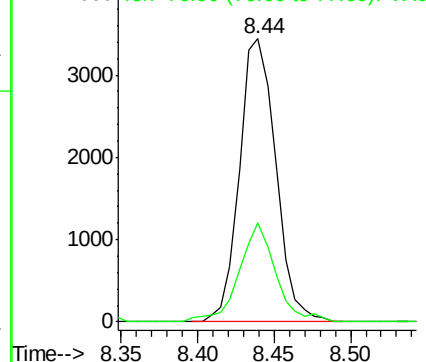
75 100

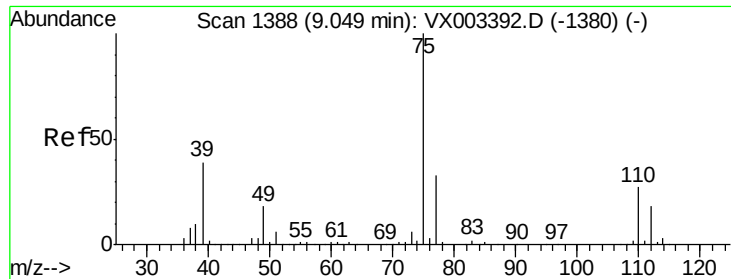
77 35.1 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





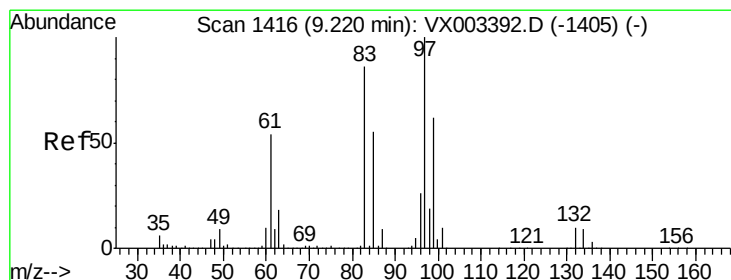
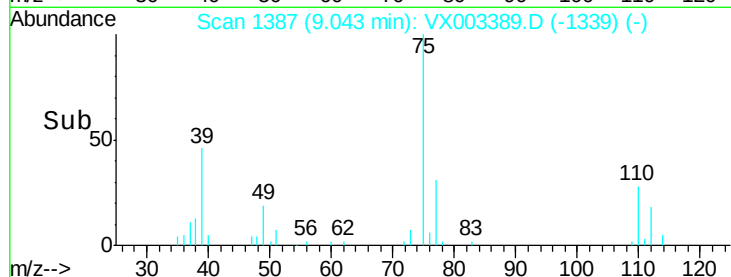
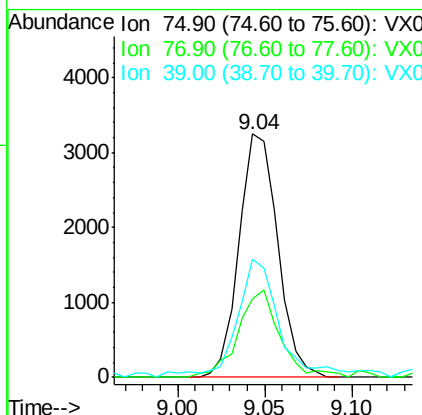
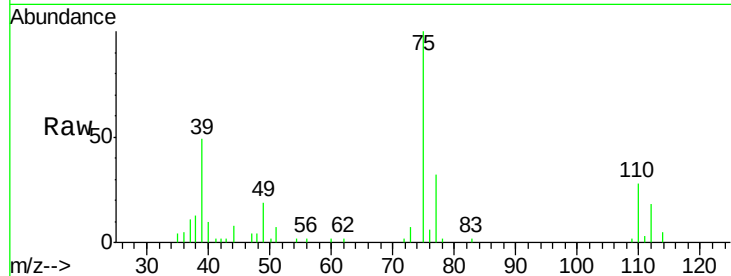
#54
 cis-1,3-Dichloropropene
 Concen: 0.81 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.8	37.2
39	46.3	42.4	63.6

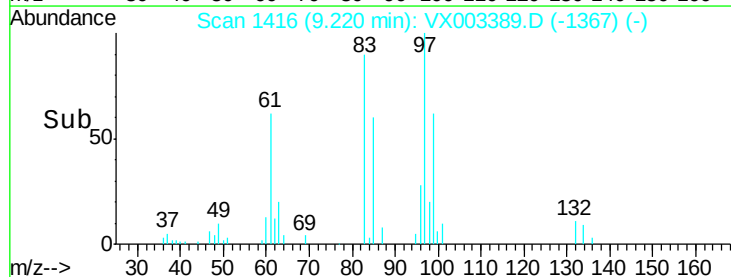
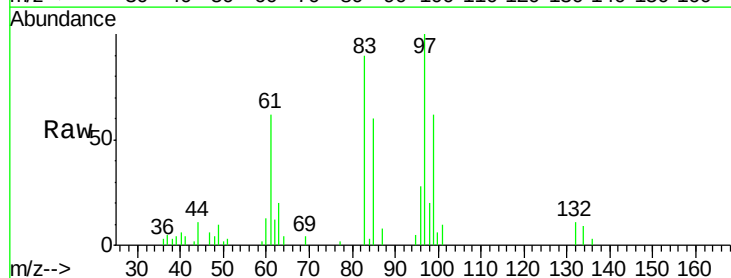
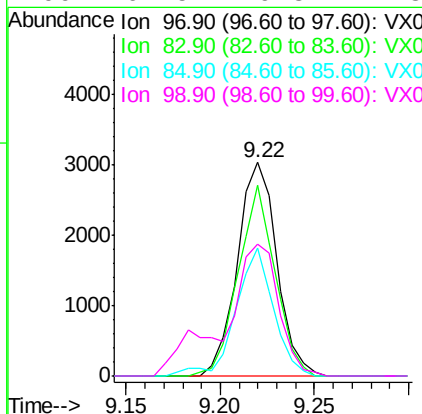
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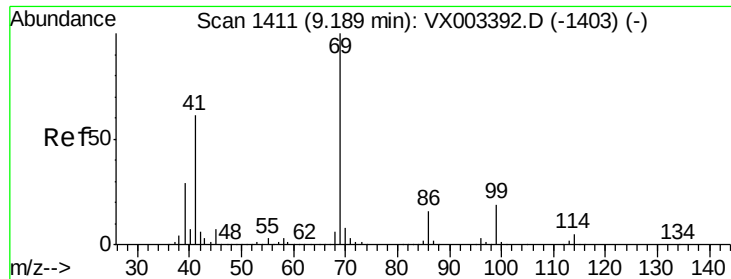
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#55
 1,1,2-Trichloroethane
 Concen: 0.93 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.5	70.2	105.2
85	60.2	44.9	67.3
99	61.5	49.8	74.8





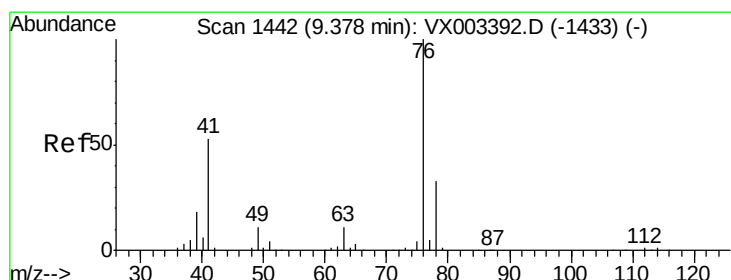
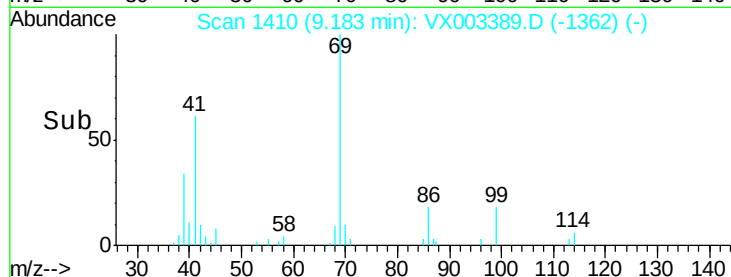
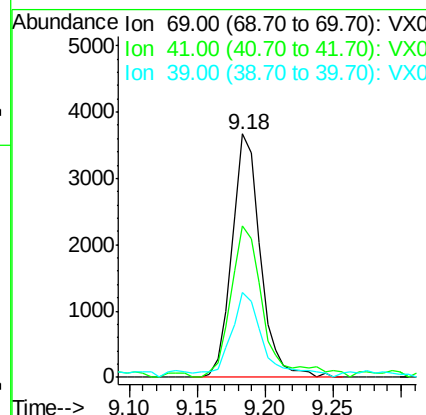
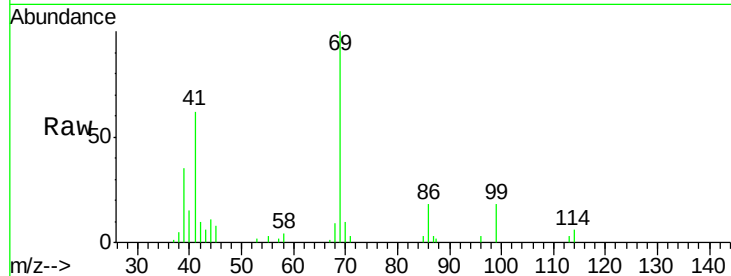
#56
Ethyl methacrylate
Concen: 0.79 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
69	100		
41	66.4	60.3	90.5
39	40.2	35.8	53.8

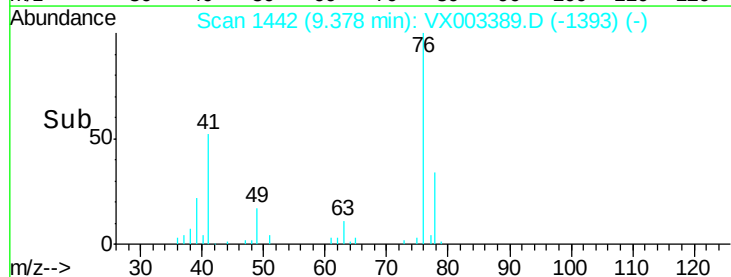
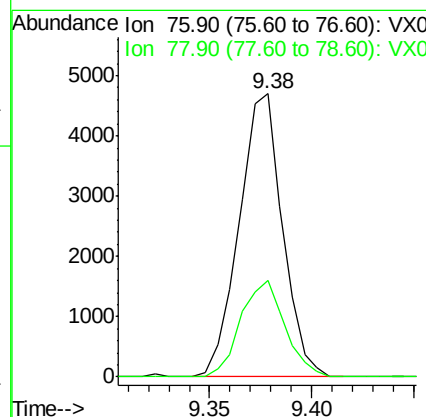
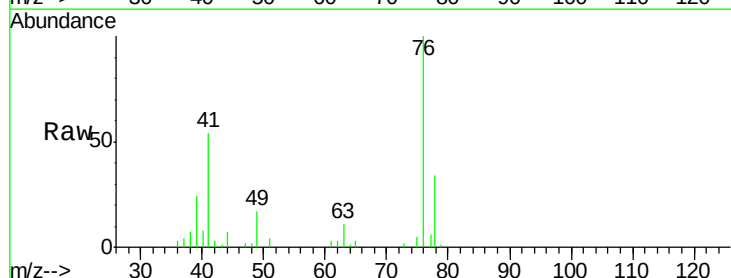
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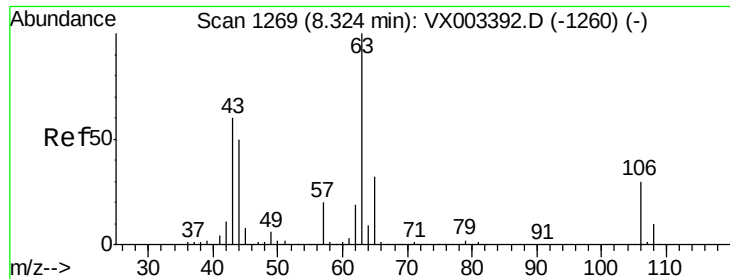
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#57
1,3-Dichloropropane
Concen: 0.90 ug/l
RT: 9.38 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion	Ratio	Lower	Upper
76	100		
78	34.9	25.8	38.6





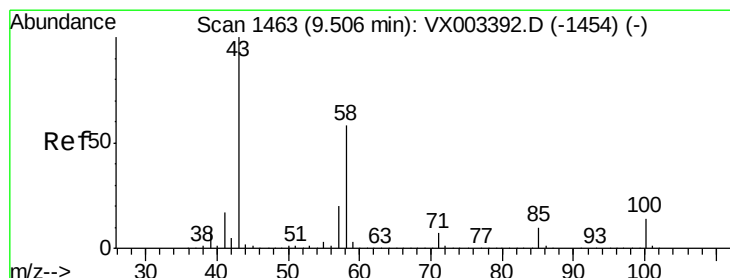
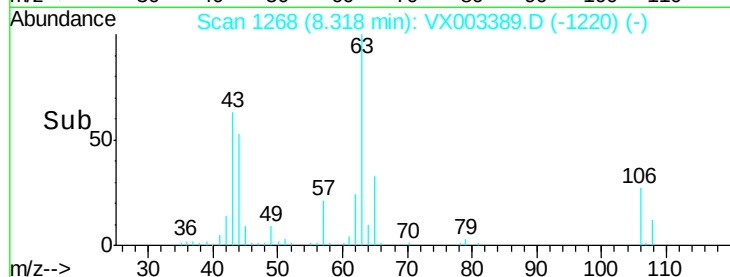
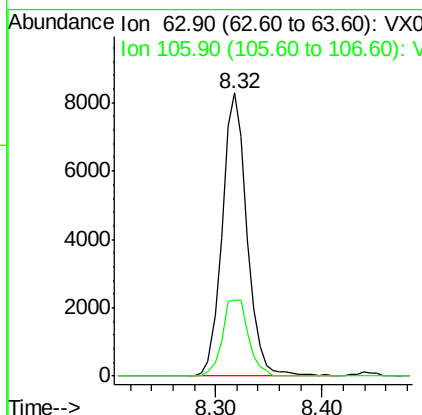
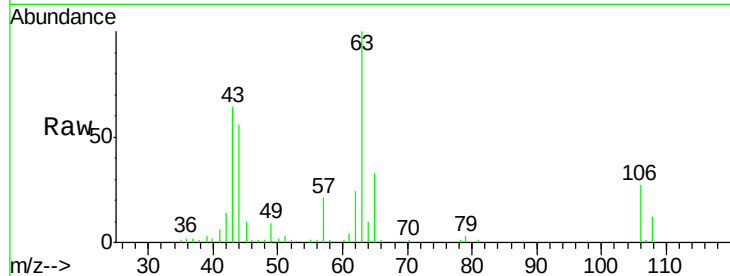
#58
2-Chloroethyl Vinyl ether
Concen: 4.12 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 63 Resp: 13490
Ion Ratio Lower Upper
63 100
106 28.4 21.8 32.8

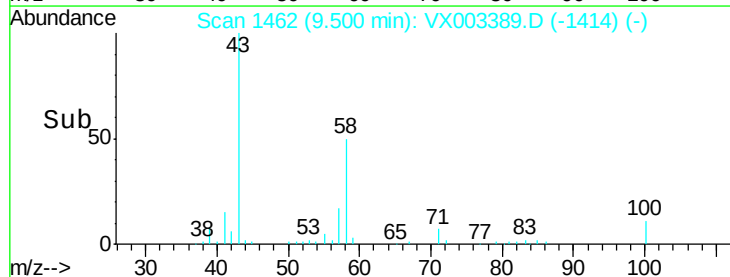
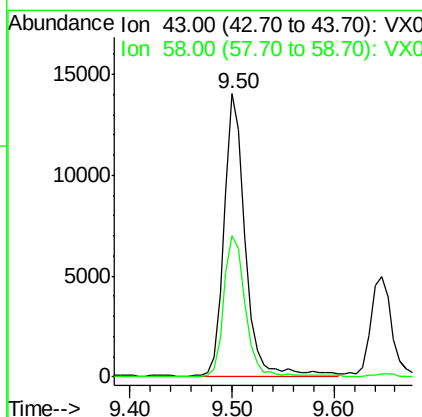
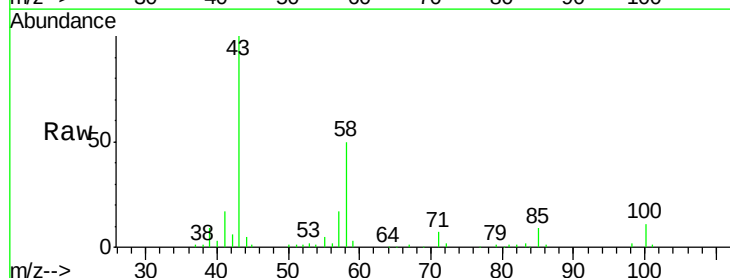
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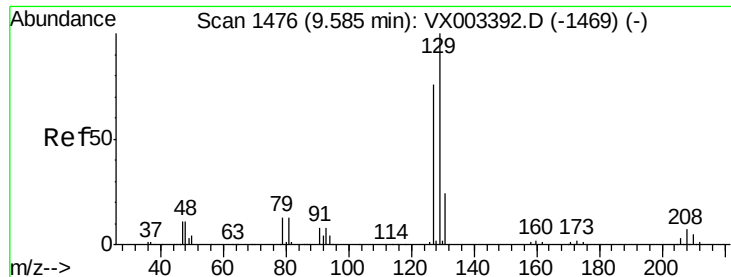
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#59
2-Hexanone
Concen: 4.34 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion: 43 Resp: 20456
Ion Ratio Lower Upper
43 100
58 49.8 24.6 73.6





#60

Dibromochloromethane

Concen: 0.86 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 3940

Ion Ratio Lower Upper

129 100

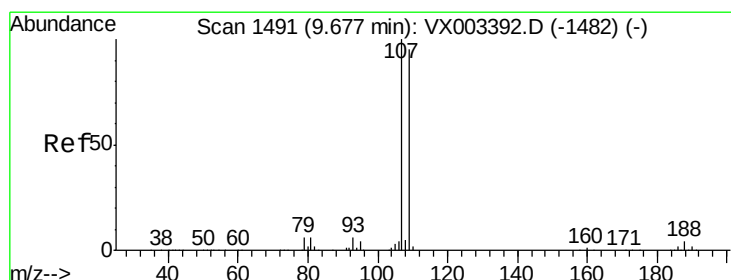
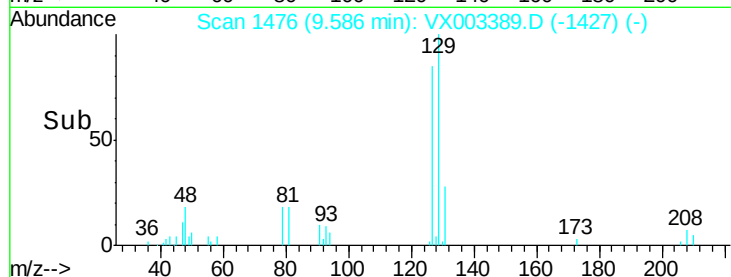
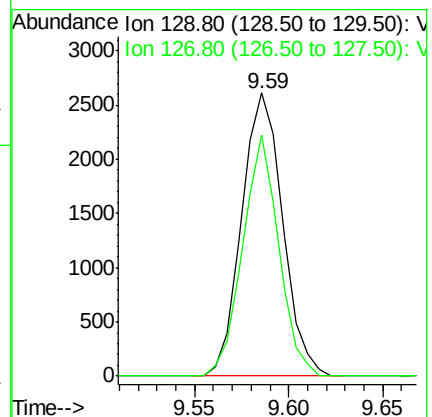
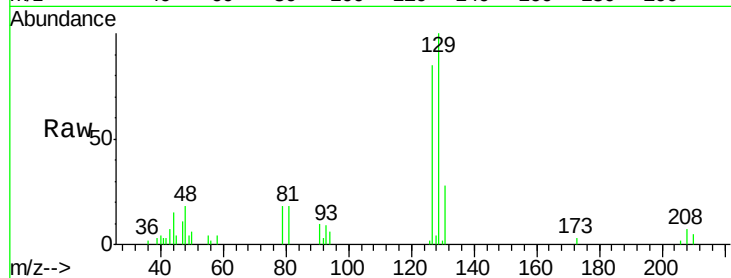
127 74.6 38.5 115.3

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 0.93 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003389.D

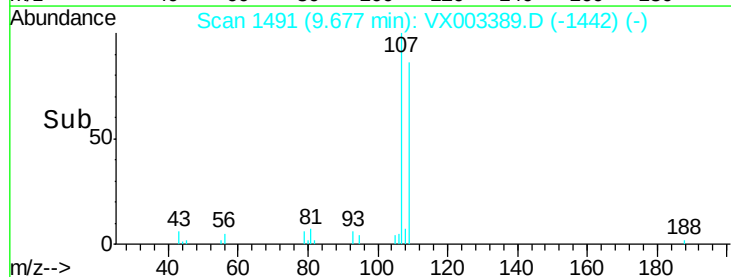
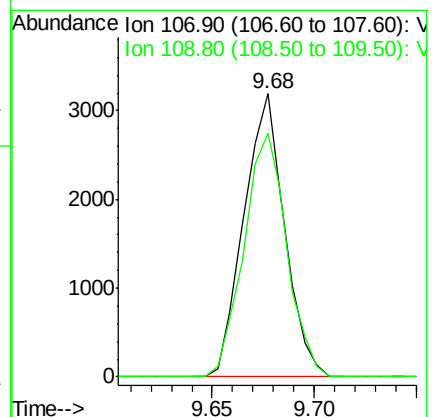
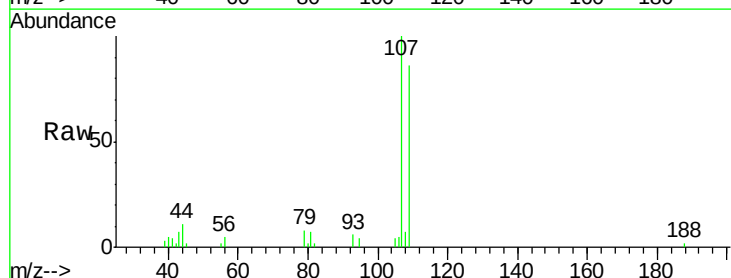
Acq: 16 Jul 2018 10:27

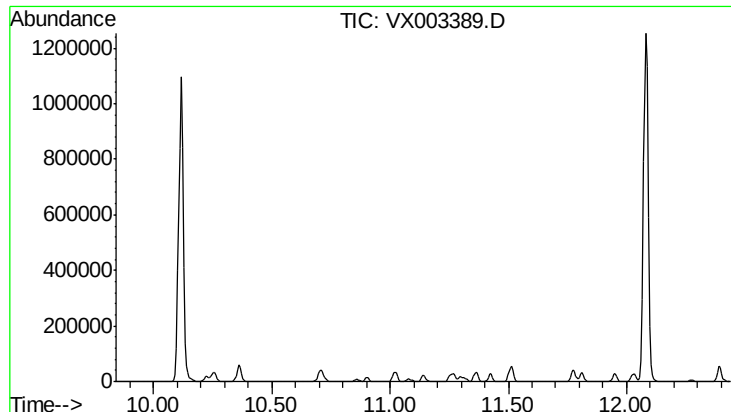
Tgt Ion:107 Resp: 4404

Ion Ratio Lower Upper

107 100

109 90.3 75.3 112.9





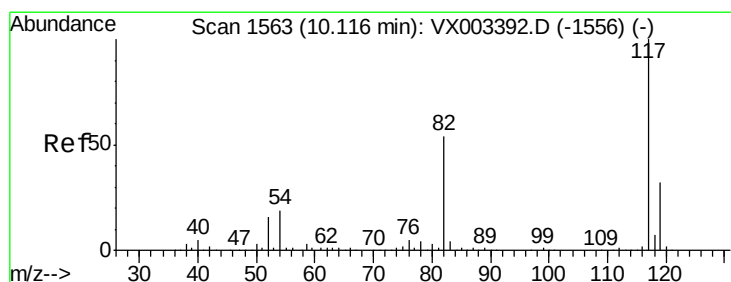
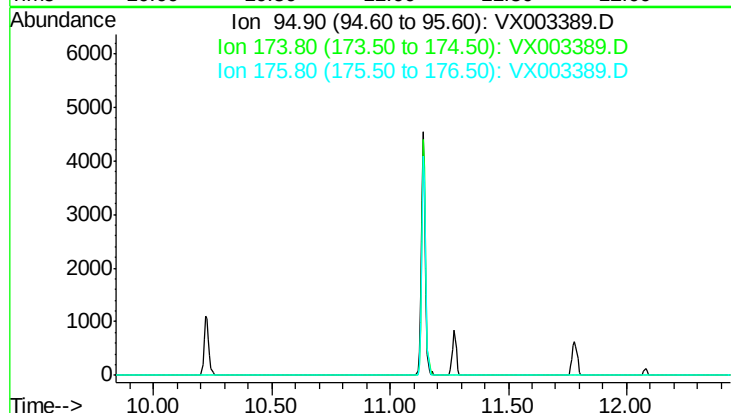
#62
 4-Bromofluorobenzene
 Concen: 0.00 ug/l
 Expected RT: 11.14 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	95
Sig	Exp Ratio
95	100
174	93.7
176	90.5

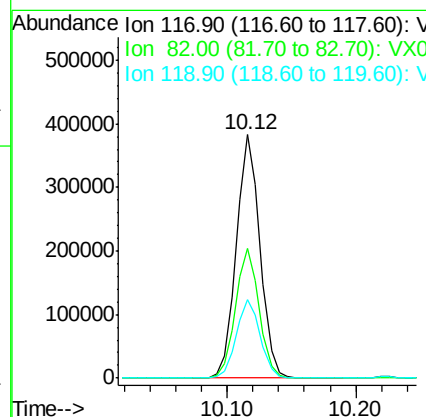
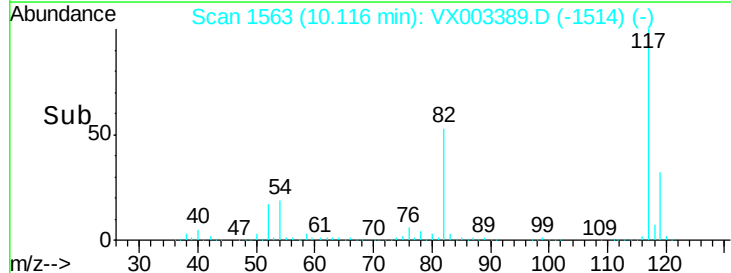
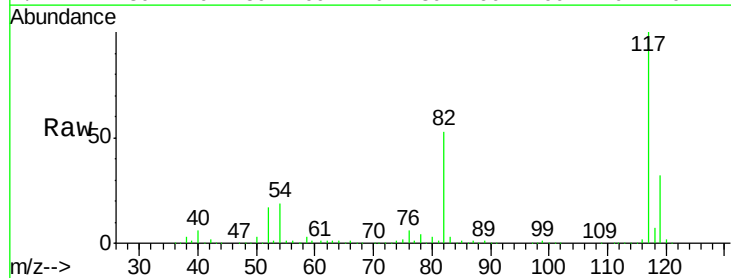
Manual Integrations
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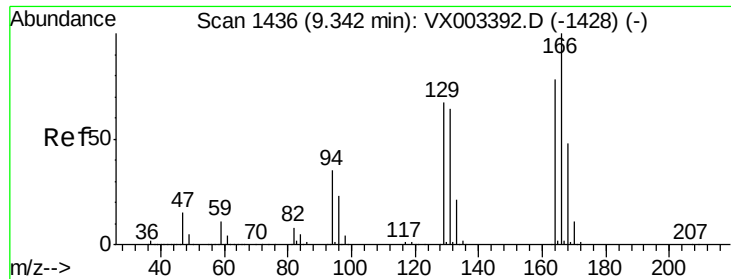
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#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion	117	Resp	492319
Ion Ratio	Lower	Upper	
117	100		
82	53.1	45.0	67.4
119	32.0	25.8	38.6





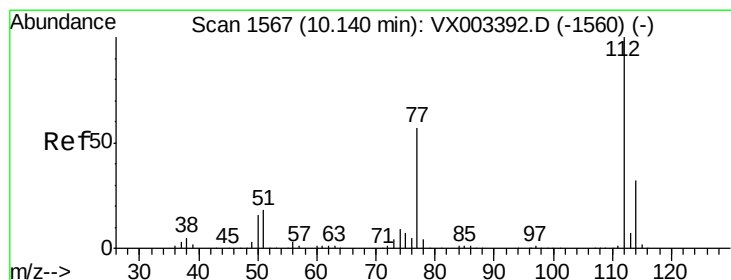
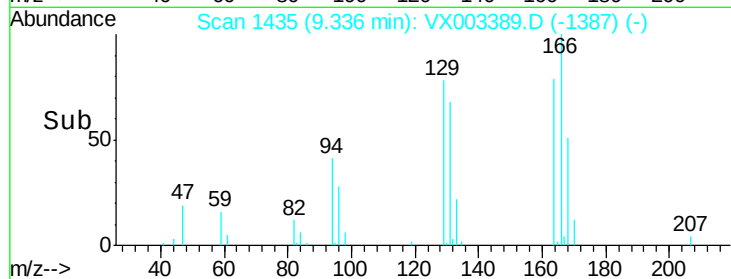
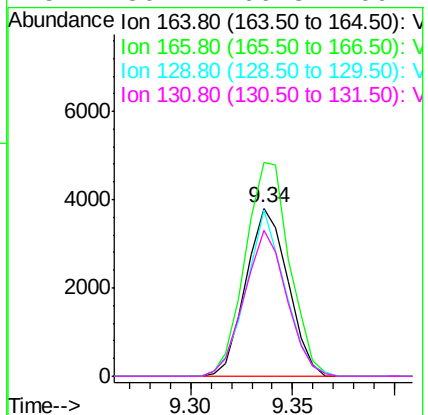
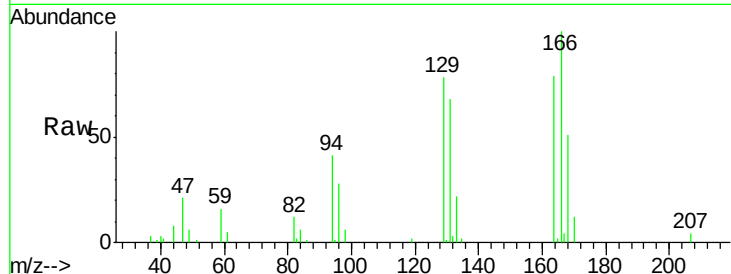
#64
 Tetrachloroethene
 Concen: 1.02 ug/l
 RT: 9.34 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:	164	Resp:	5456
Ion	Ratio	Lower	Upper
164	100		
166	127.0	102.9	154.3
129	98.7	68.6	102.8
131	86.7	66.8	100.2

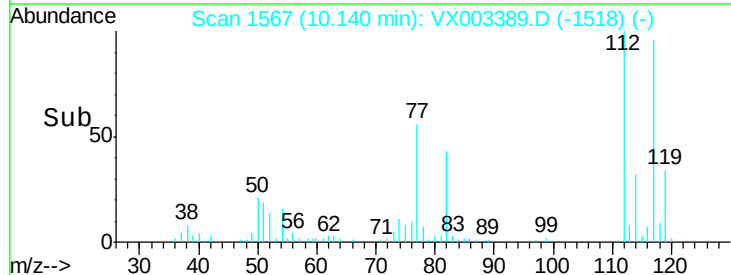
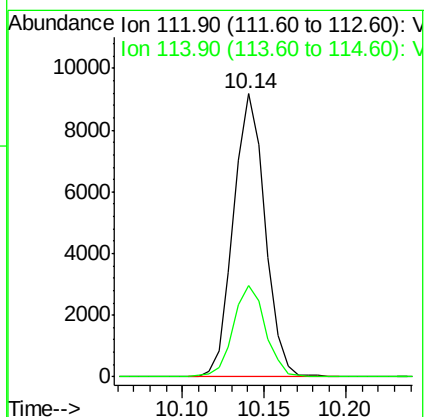
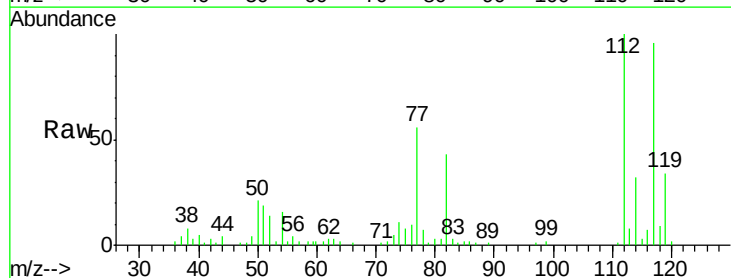
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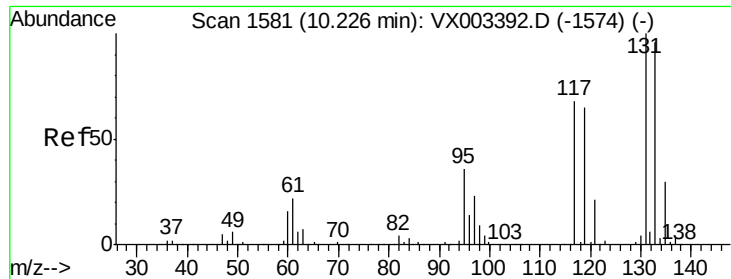
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#65
 Chlorobenzene
 Concen: 0.98 ug/l
 RT: 10.14 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion:	112	Resp:	12402
Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.3	37.9





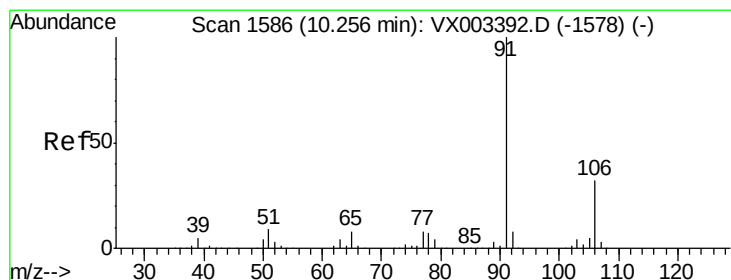
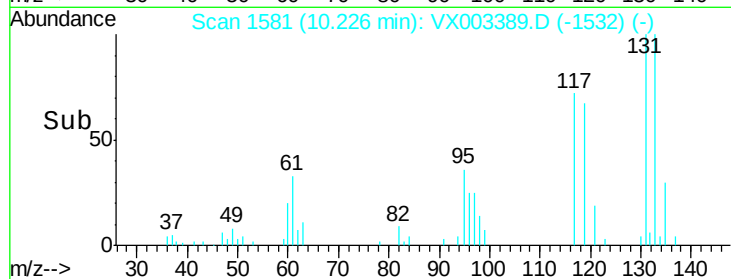
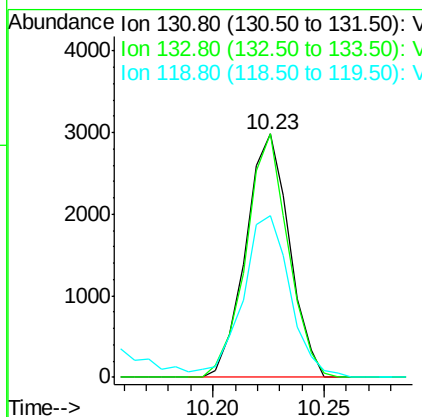
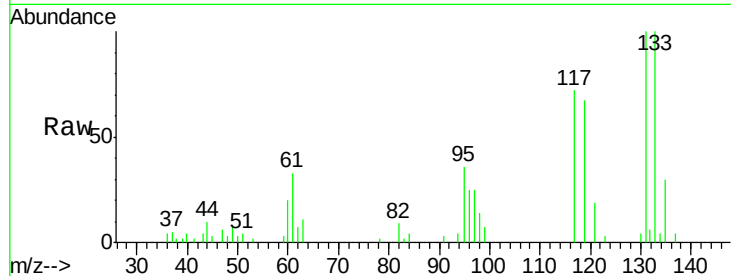
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.91 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.8	47.9	143.6
119	0.0	31.8	95.3#

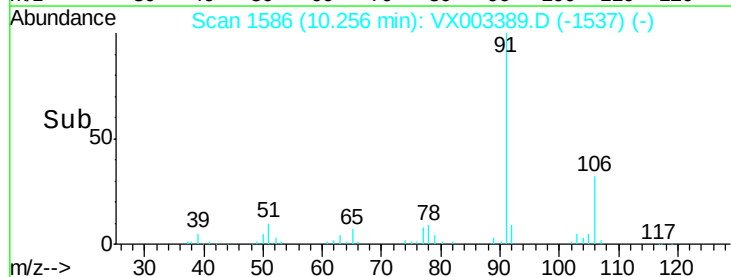
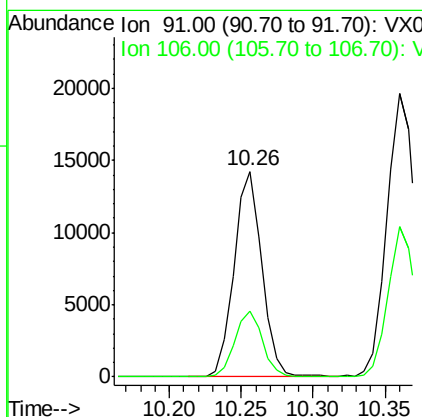
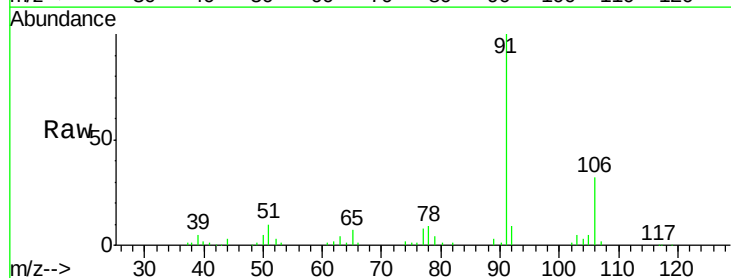
Manual Integrations
 APPROVED

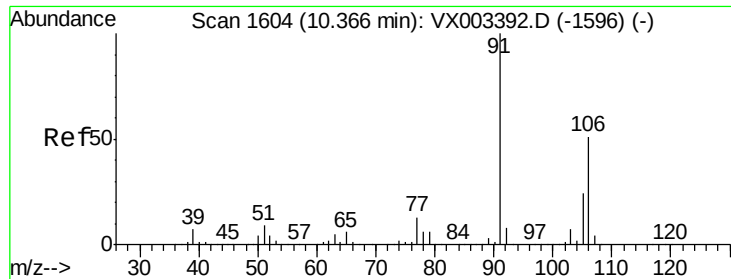
MMDadoda
 7/17/2018 1:46:29 PM



#67
 Ethyl Benzene
 Concen: 0.94 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.0	25.5	38.3





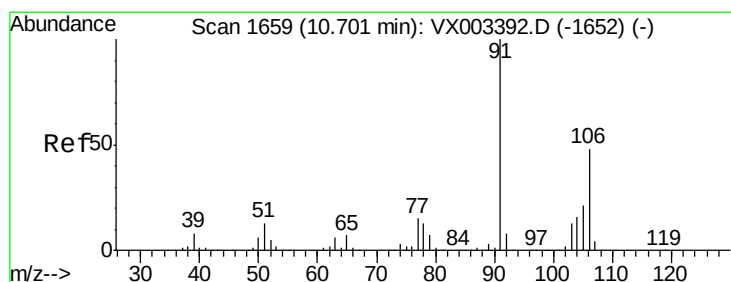
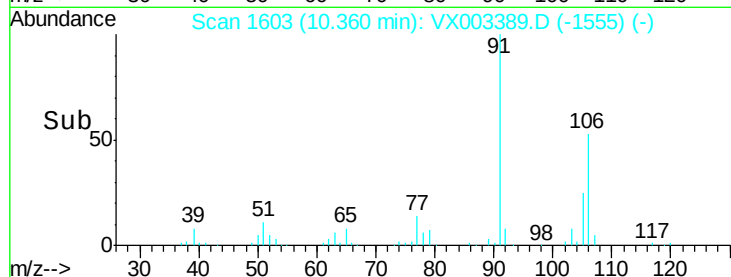
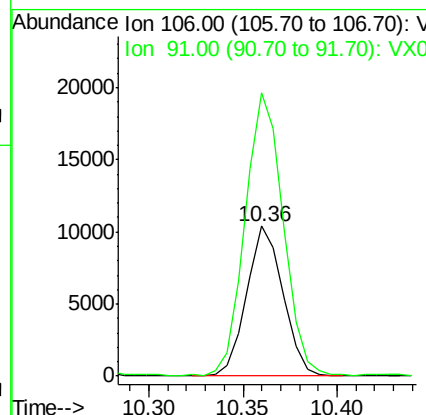
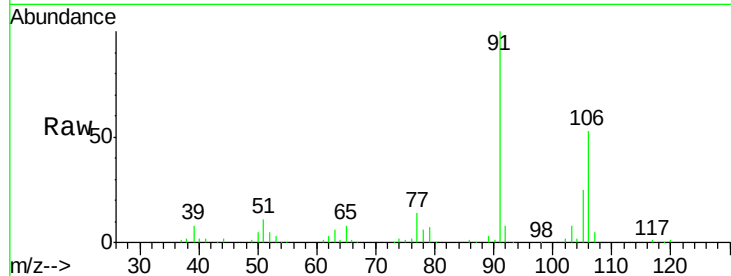
#68
m/p-Xylenes
Concen: 1.76 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 13934
Ion Ratio Lower Upper
106 100
91 196.2 163.4 245.2

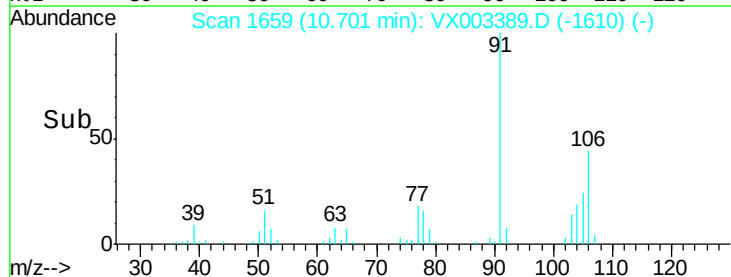
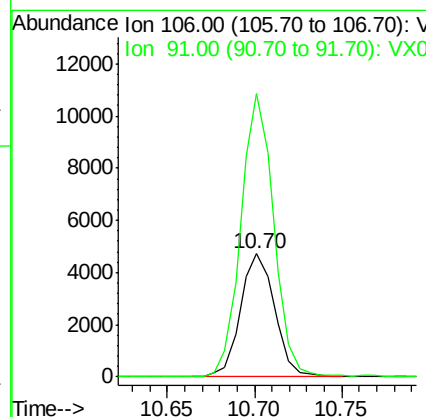
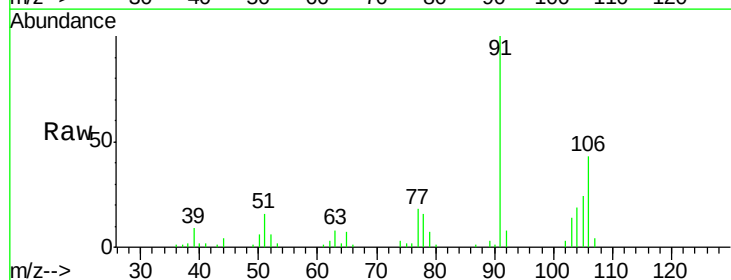
Manual Integrations
APPROVED

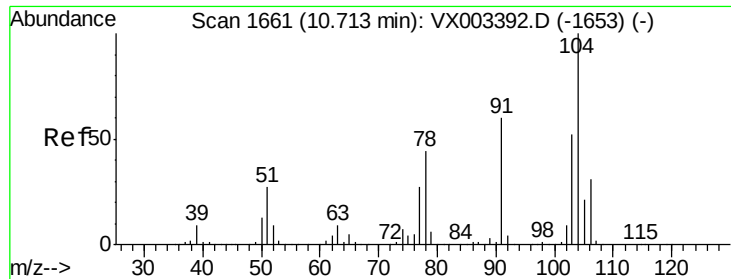
MMDadoda
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#69
o-Xylene
Concen: 0.83 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion:106 Resp: 6441
Ion Ratio Lower Upper
106 100
91 218.9 108.2 324.6





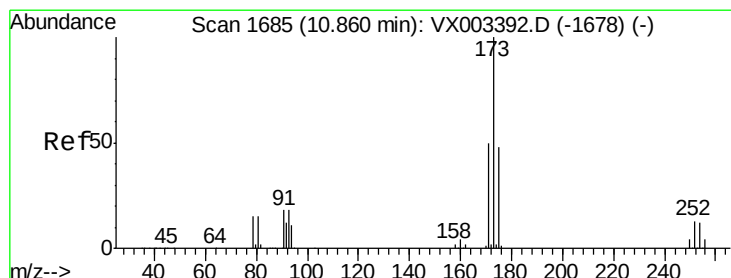
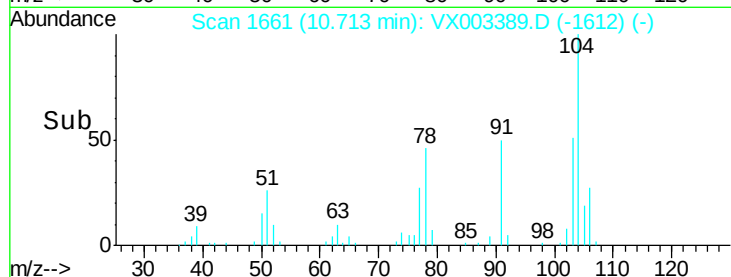
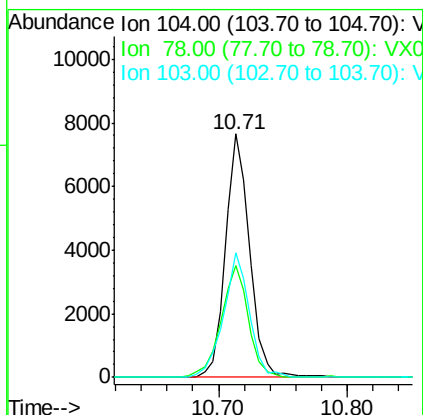
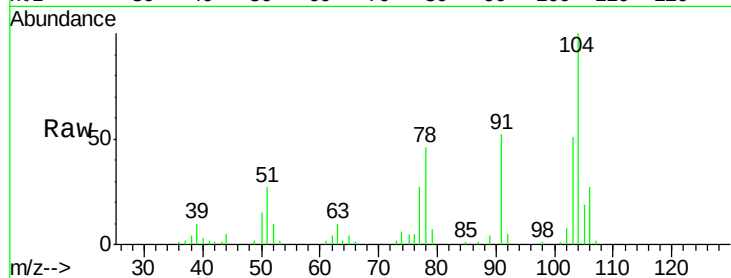
#70
Stvrene
Concen: 0.78 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.5	41.0	61.6
103	54.8	44.2	66.4

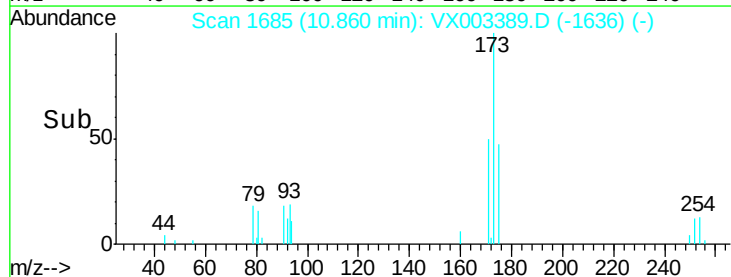
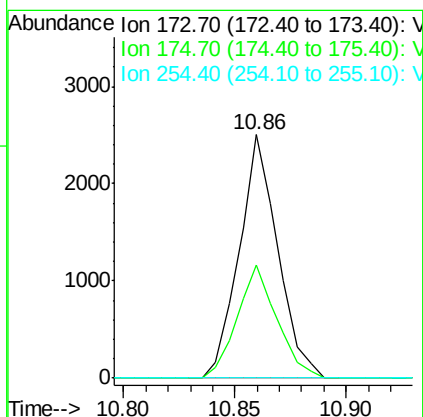
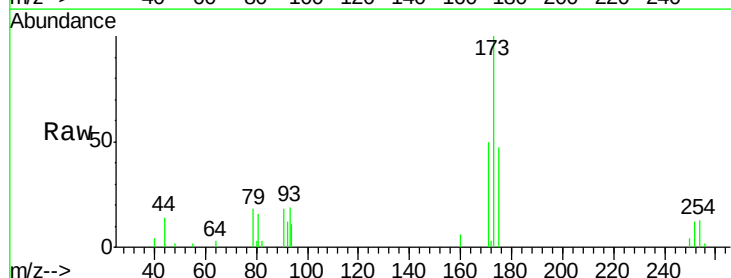
Manual Integrations
APPROVED

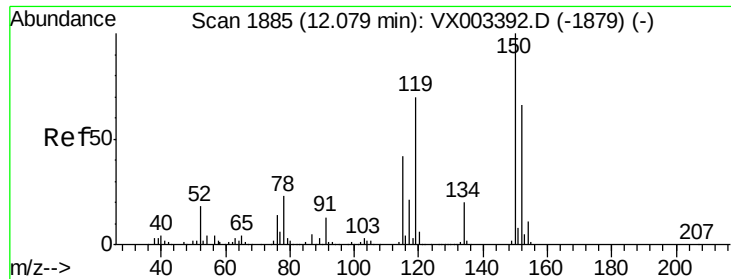
MMDadoda
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#71
Bromoform
Concen: 0.88 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.7	74.1
254	0.0	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

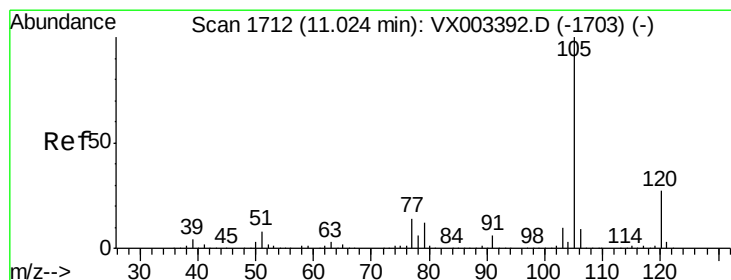
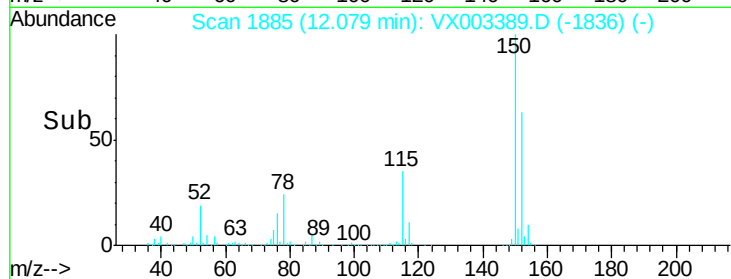
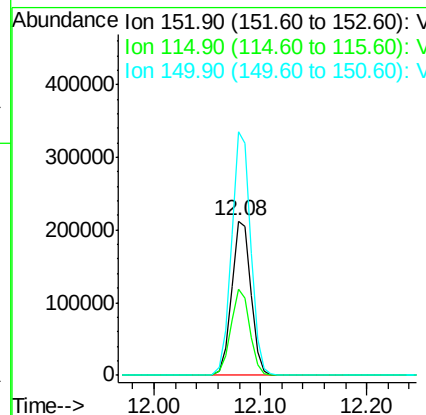
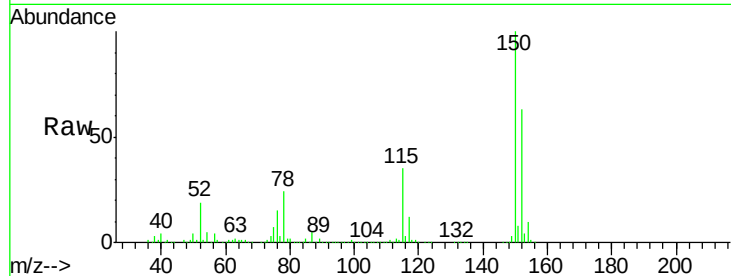
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
152	100	269097		
115	55.0	40.1	120.2	
150	157.1	0.0	347.2	

Manual Integrations
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#73

Isopropylbenzene

Concen: 0.89 ug/l

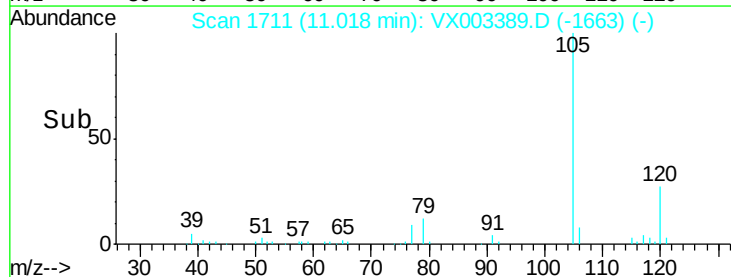
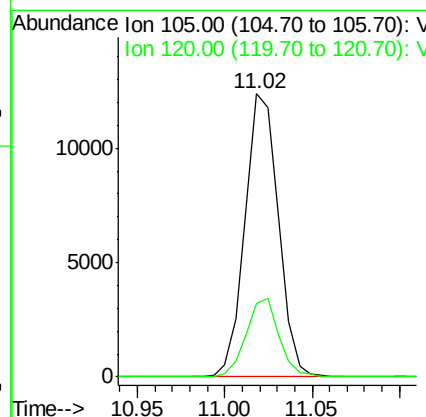
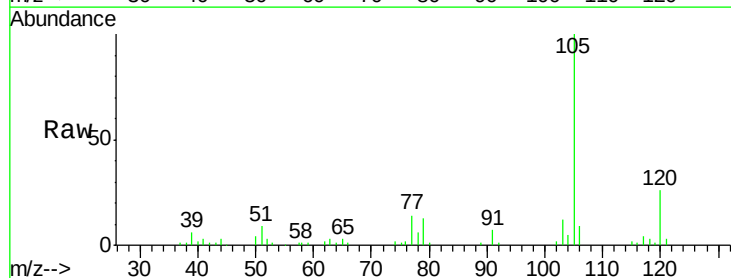
RT: 11.02 min Scan# 1711

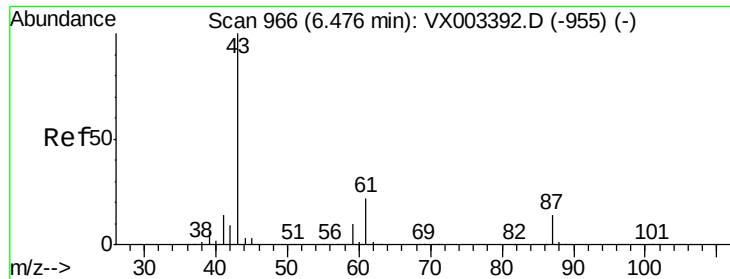
Delta R.T. -0.01 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	16491		
120	27.1	13.5	40.4	





#74

N-amvl acetate

Concen: 1.08 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

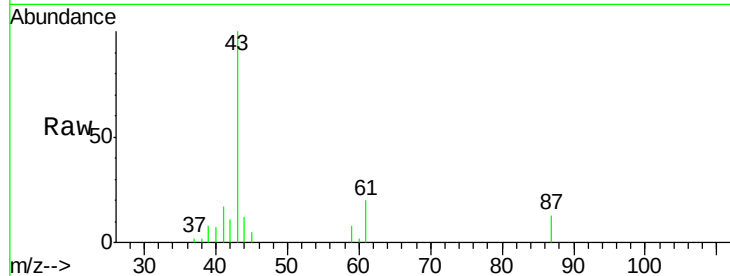
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	9330
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	18.6	14.4	21.6

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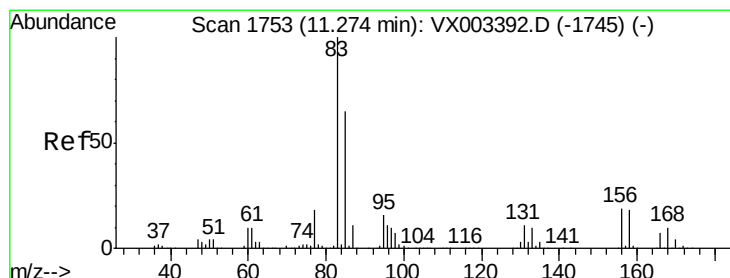
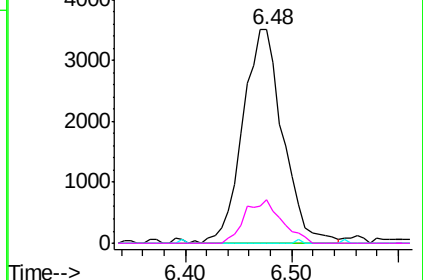
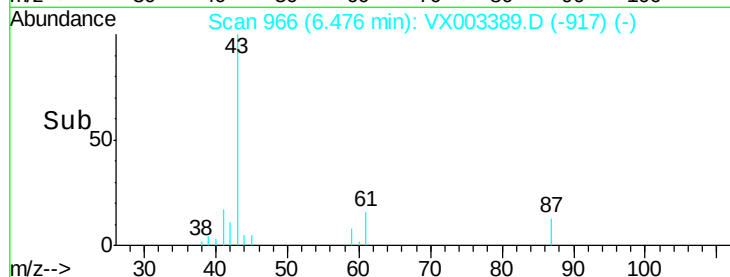


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 0.97 ug/l

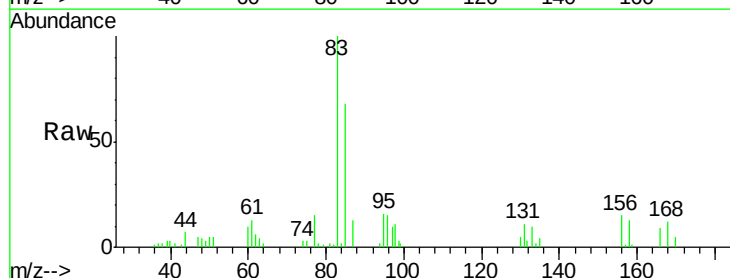
RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

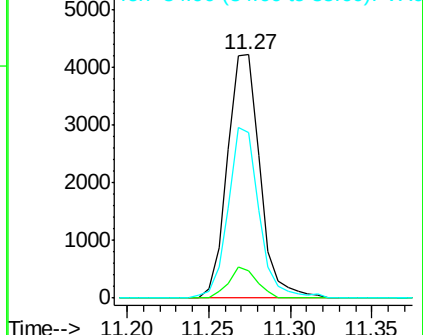
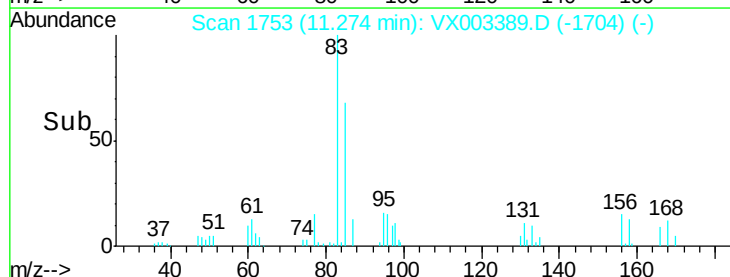
Tgt Ion:	83	Resp:	5886
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.6	16.8
85	66.6	32.4	97.2

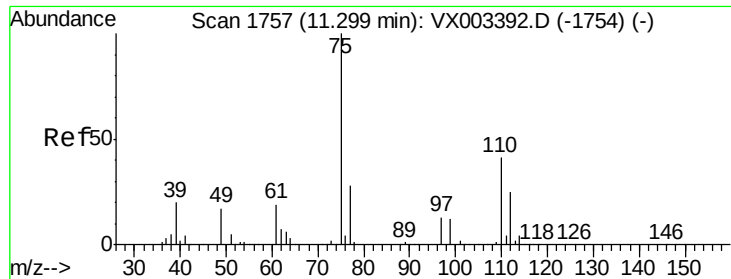


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





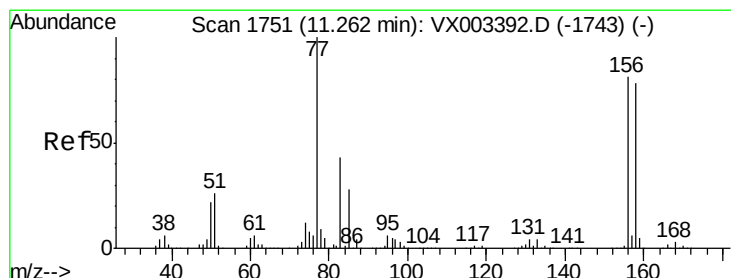
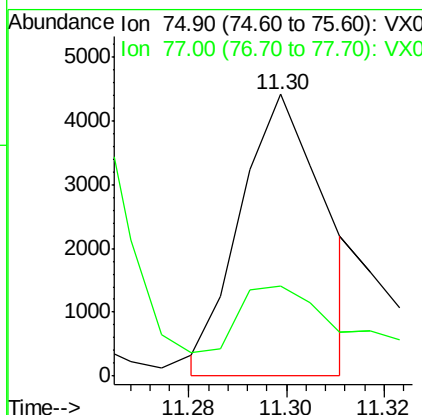
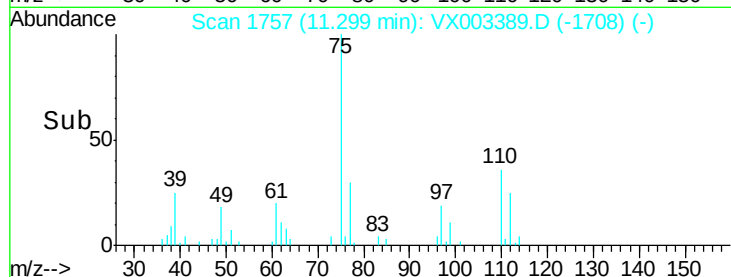
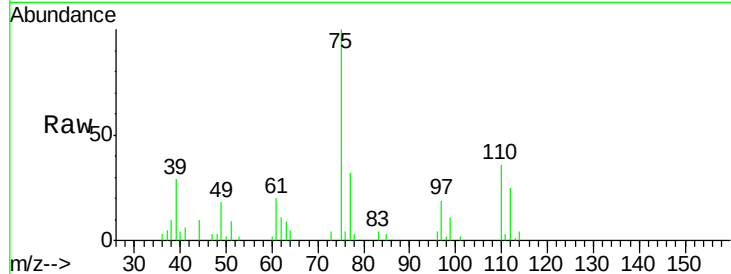
#76
 1,2,3-Trichloropropane
 Concen: 0.99 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 75 Resp: 5253
 Ion Ratio Lower Upper
 75 100
 77 46.1 22.8 68.3

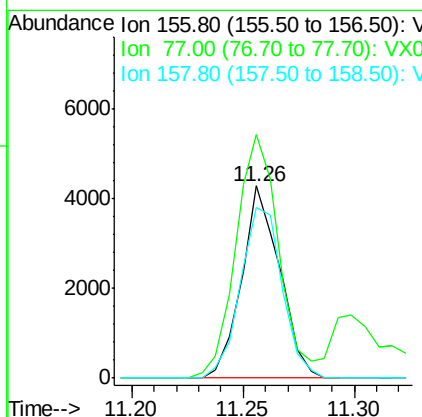
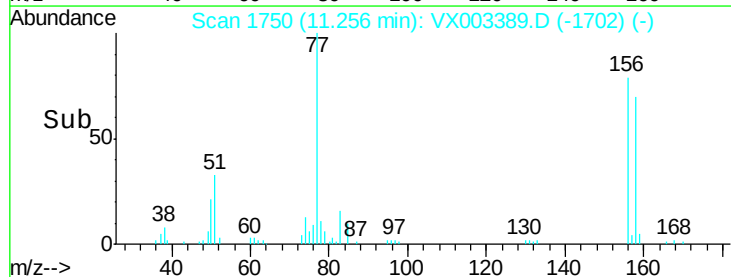
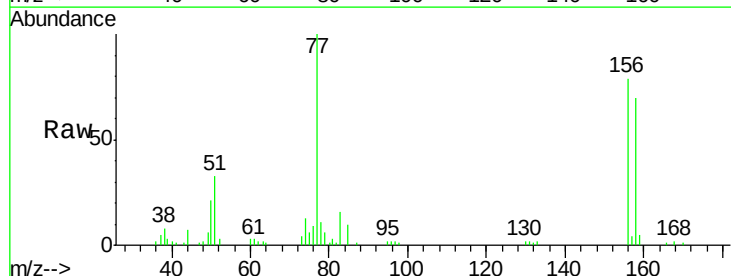
Manual Integrations
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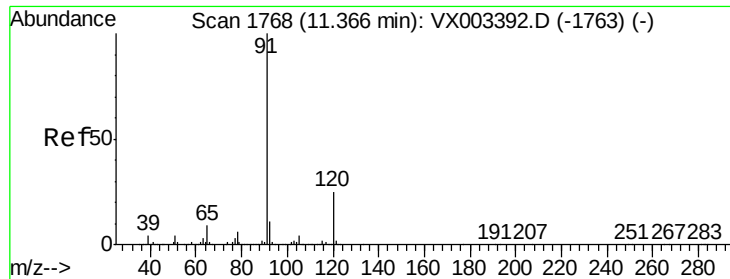
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#77
 Bromobenzene
 Concen: 0.97 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion: 156 Resp: 5098
 Ion Ratio Lower Upper
 156 100
 77 142.2 71.4 214.2
 158 97.6 48.9 146.6





#78

n-propylbenzene

Concen: 0.87 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 18253

Ion Ratio Lower Upper

91 100

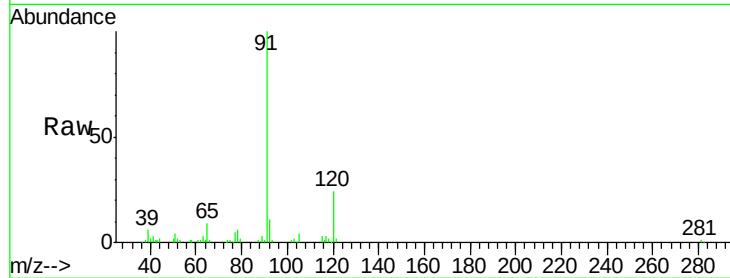
120 24.0 11.8 35.4

Manual Integrations

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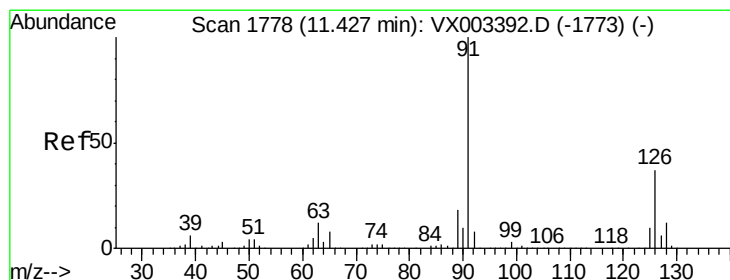
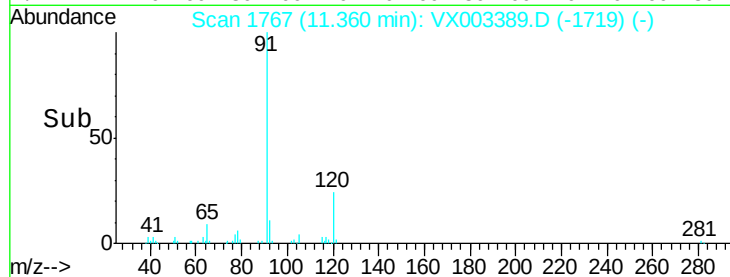
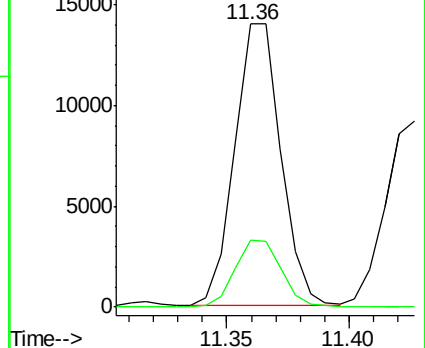
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.92 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003389.D

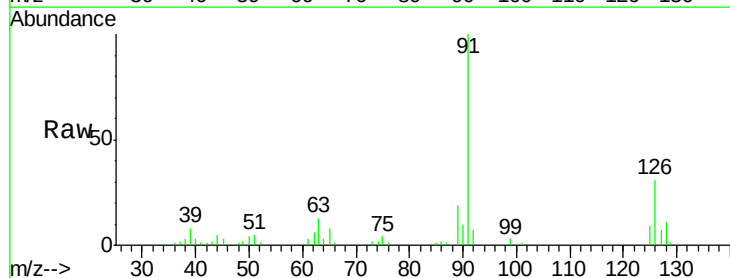
Acq: 16 Jul 2018 10:27

Tgt Ion: 91 Resp: 11909

Ion Ratio Lower Upper

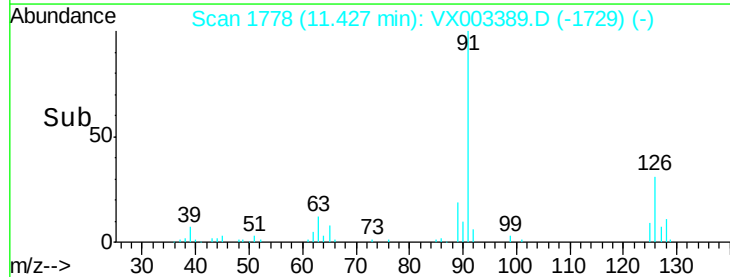
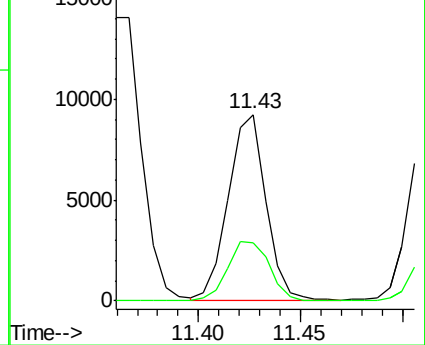
91 100

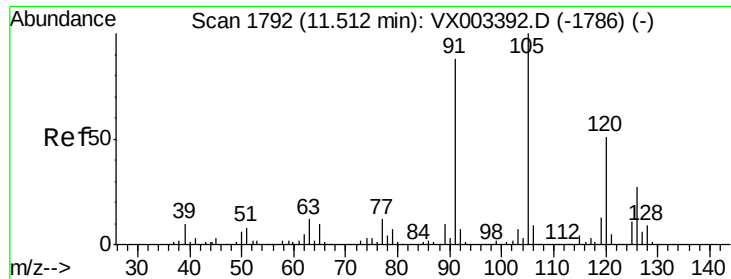
126 35.0 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





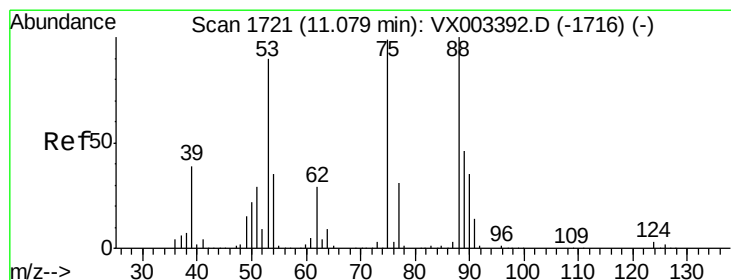
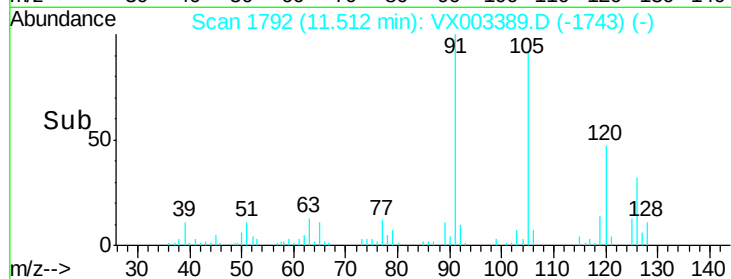
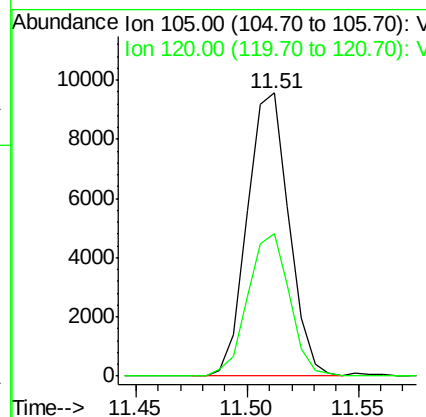
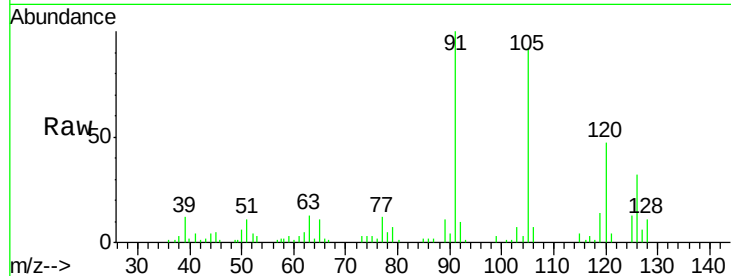
#80
 1,3,5-Trimethylbenzene
 Concen: 0.81 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion:105 Resp: 12515
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.4 73.4

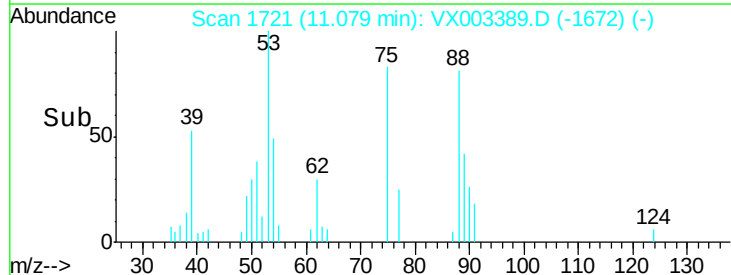
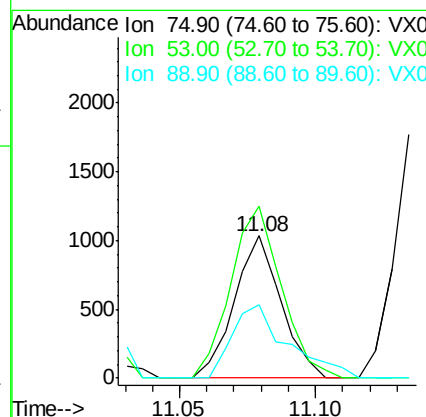
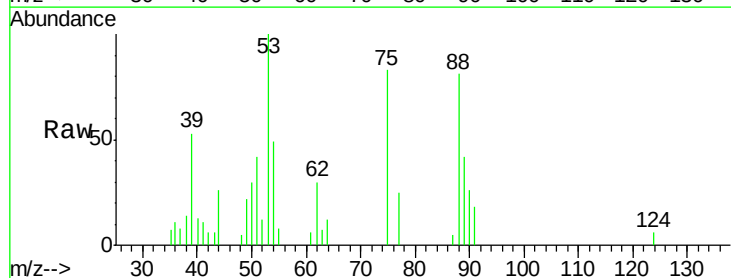
Manual Integrations
 APPROVED

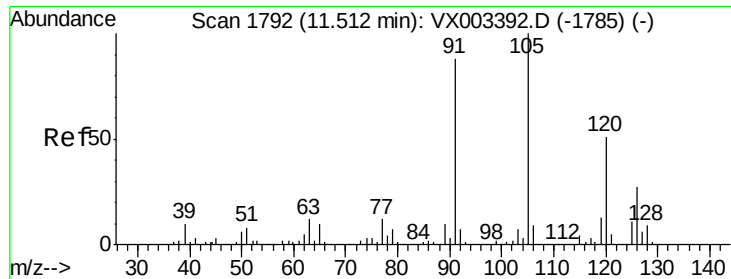
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.77 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion: 75 Resp: 1235
 Ion Ratio Lower Upper
 75 100
 53 130.6 86.8 130.2#
 89 61.1 38.2 57.2#





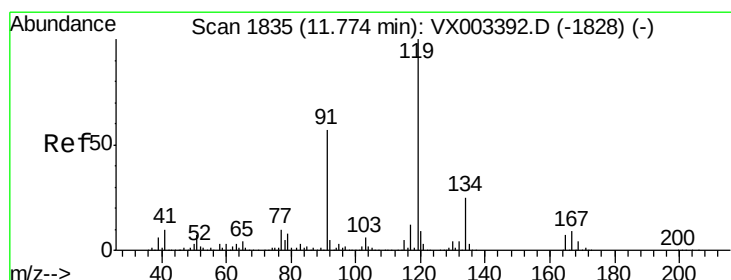
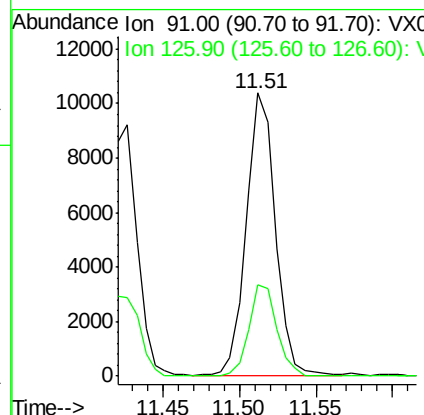
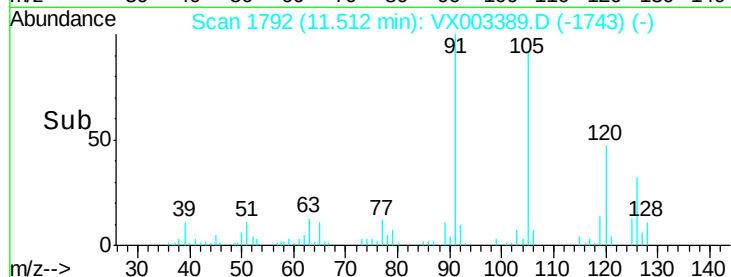
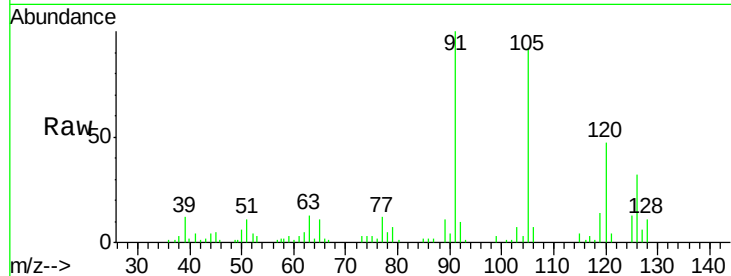
#82
4-Chlorotoluene
Concen: 0.91 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 91 Resp: 13821
Ion Ratio Lower Upper
91 100
126 30.4 15.4 46.4

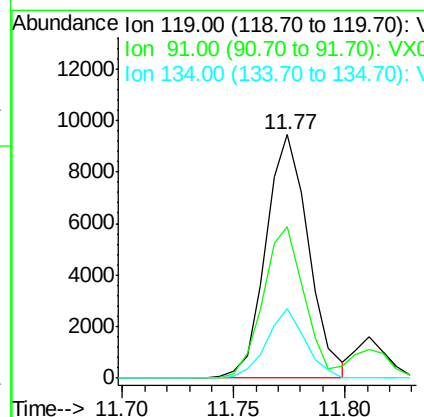
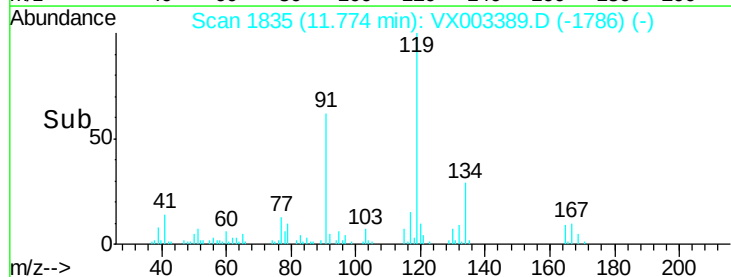
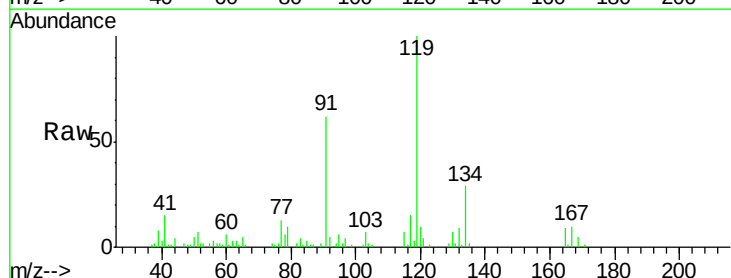
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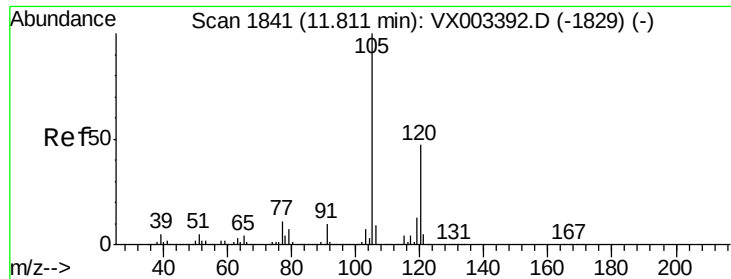
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#83
tert-Butylbenzene
Concen: 0.82 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion: 119 Resp: 12575
Ion Ratio Lower Upper
119 100
91 61.0 30.3 90.9
134 25.8 11.7 35.1





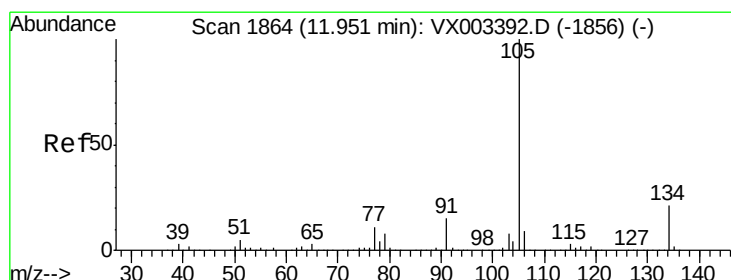
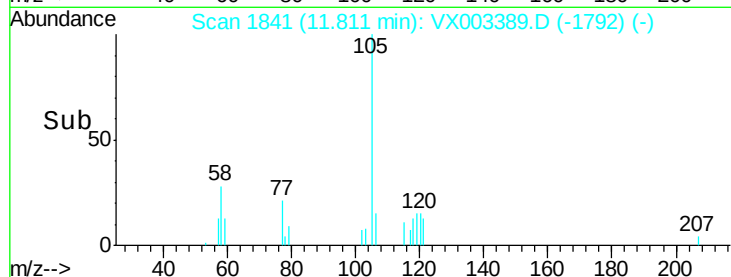
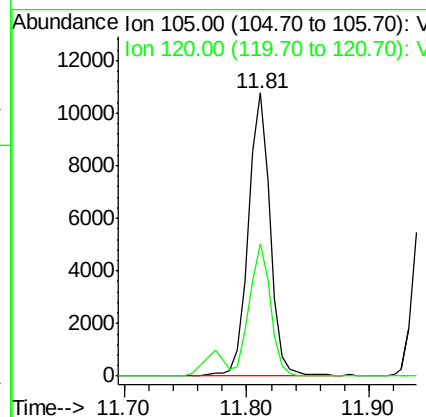
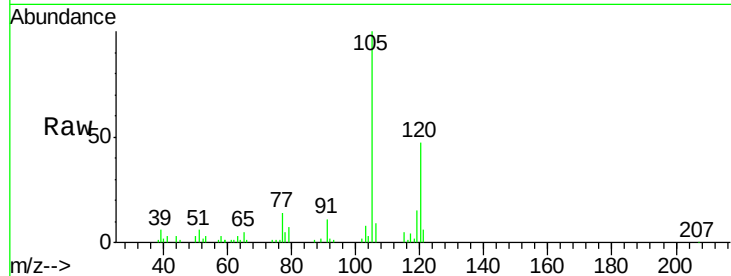
#84
 1,2,4-Trimethylbenzene
 Concen: 0.84 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 13213
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.3 66.8

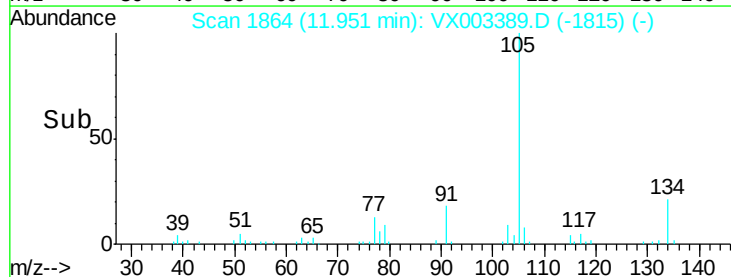
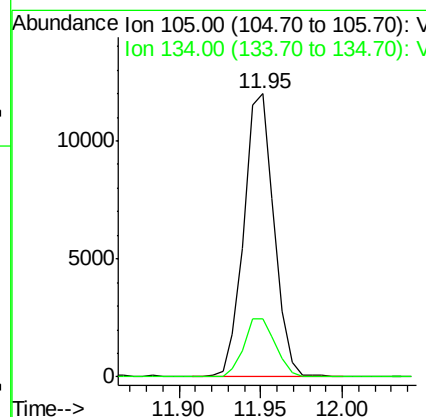
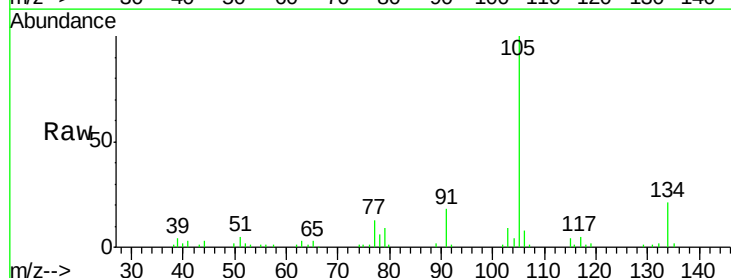
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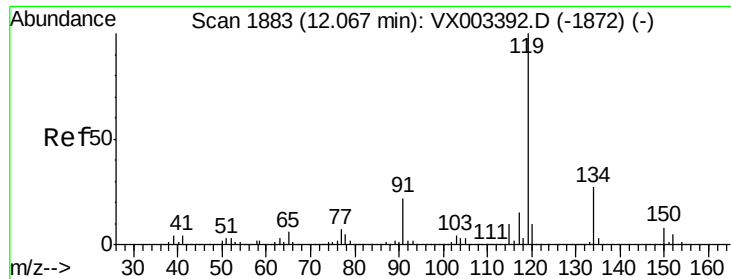
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#85
 sec-Butylbenzene
 Concen: 0.85 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion:105 Resp: 15479
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.1





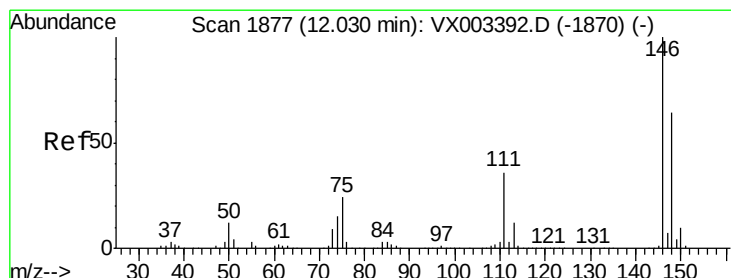
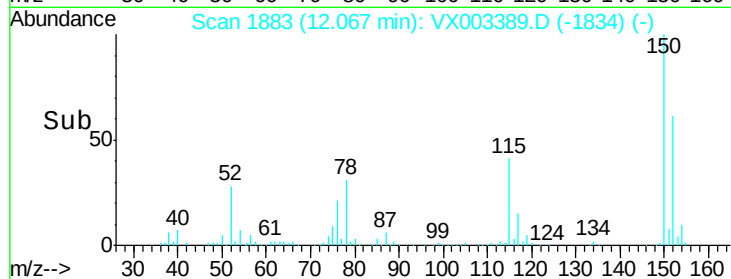
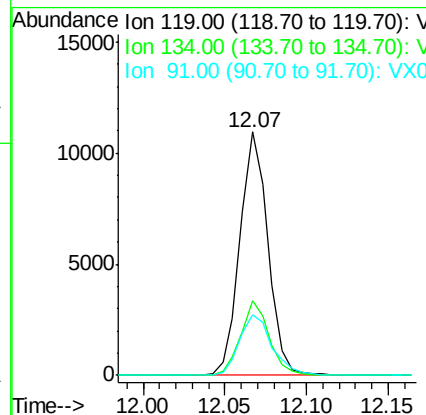
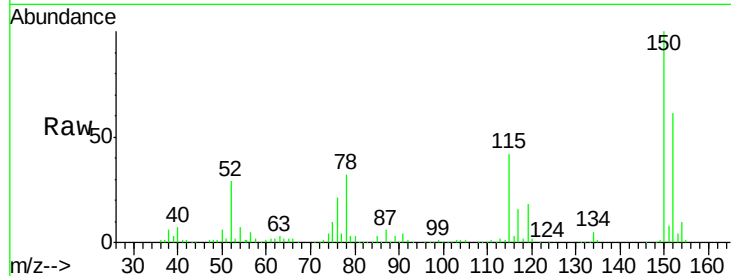
#86
 p-Isopropyltoluene
 Concen: 0.80 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
134	31.0	13.4	40.1
91	28.9	11.9	35.7

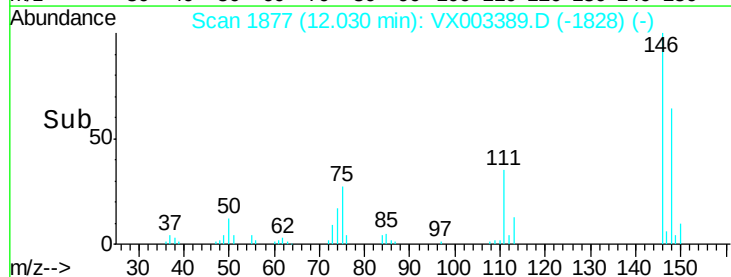
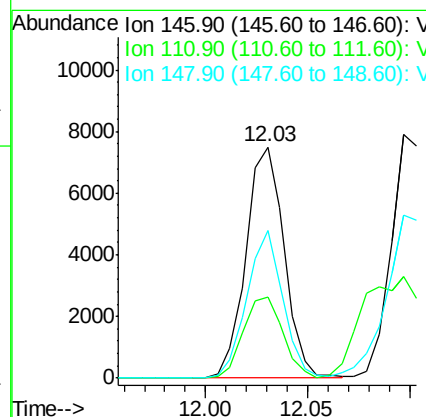
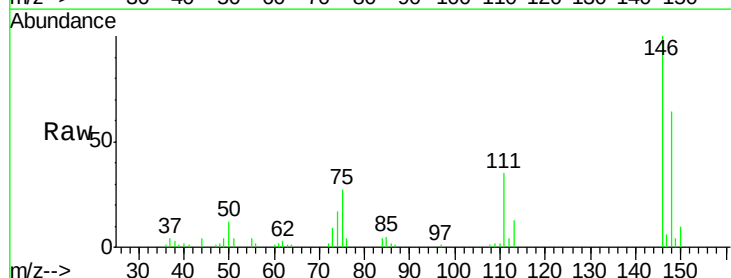
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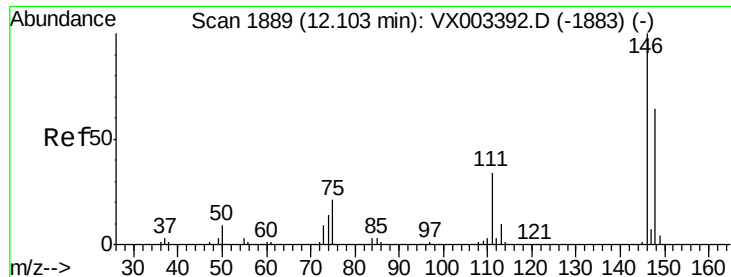
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#87
 1,3-Dichlorobenzene
 Concen: 1.00 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.9	56.7
148	60.2	32.1	96.3





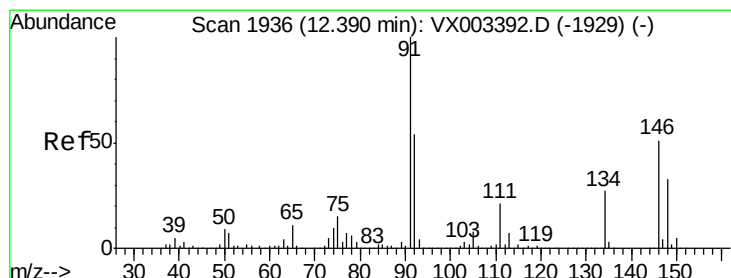
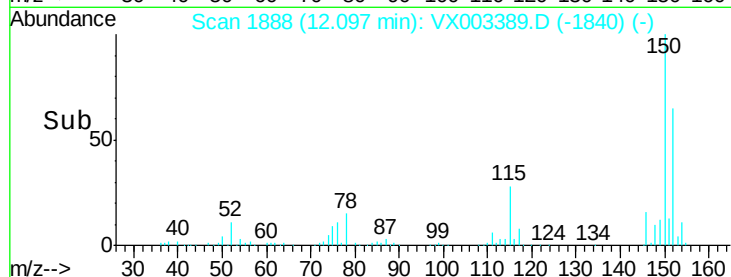
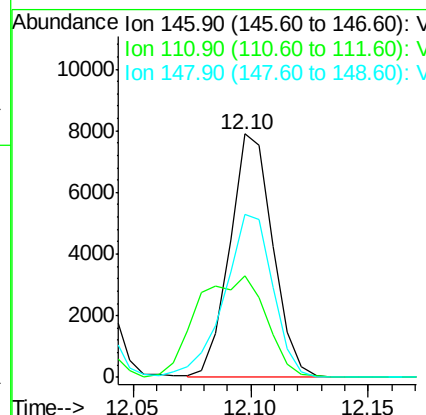
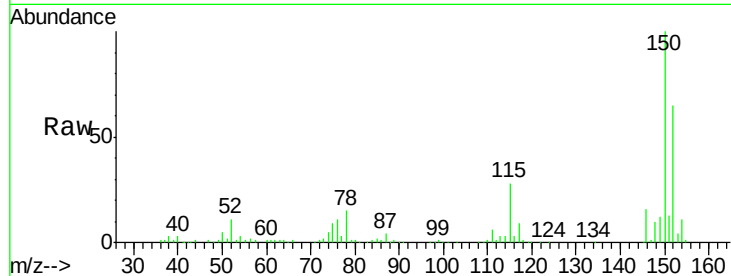
#88
 1,4-Dichlorobenzene
 Concen: 1.02 ug/l m
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.1	18.7	56.1
148	58.1	32.4	97.0

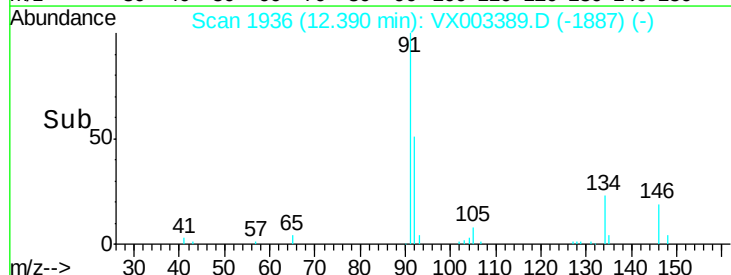
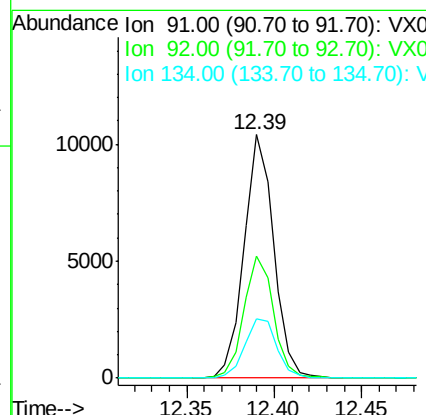
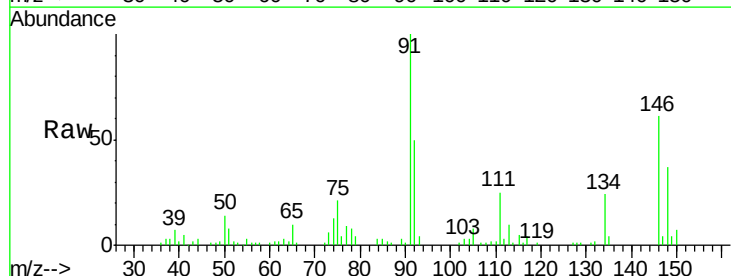
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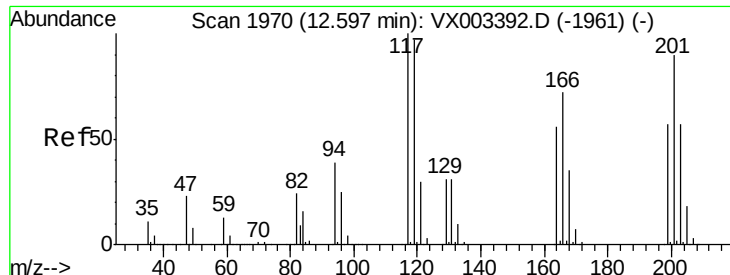
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#89
 n-Butylbenzene
 Concen: 0.88 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.5	26.0	78.0
134	26.1	13.5	40.5





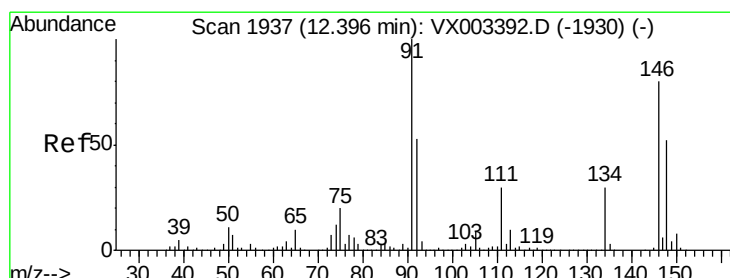
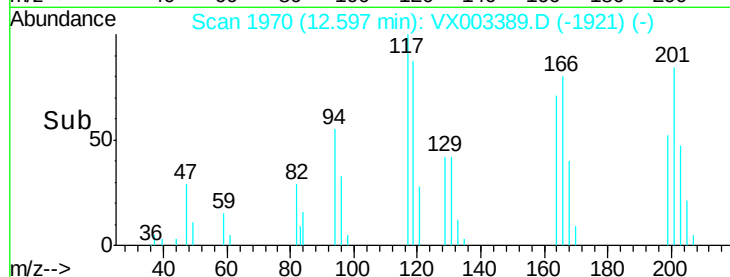
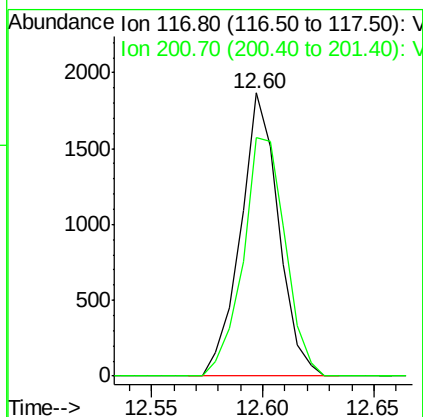
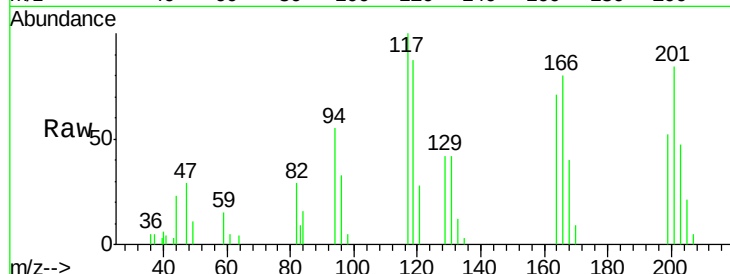
#90
Hexachloroethane
Concen: 0.91 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 2228
Ion Ratio Lower Upper
117 100
201 93.5 49.0 147.0

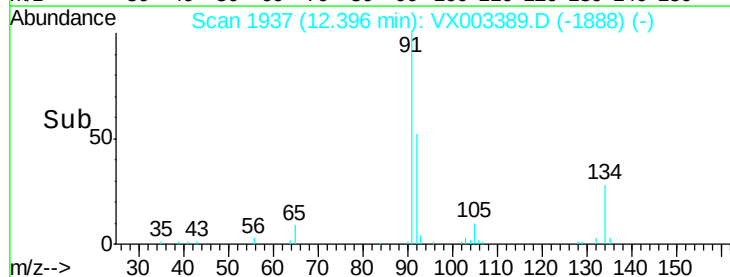
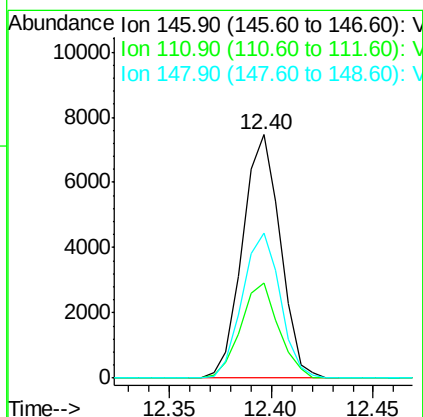
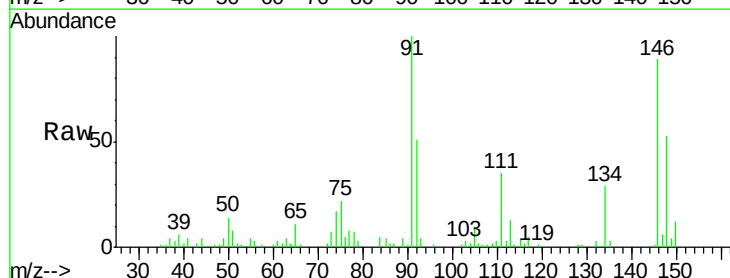
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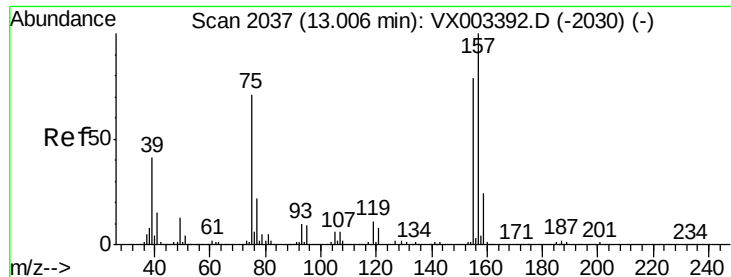
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#91
1,2-Dichlorobenzene
Concen: 0.98 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion:146 Resp: 9611
Ion Ratio Lower Upper
146 100
111 39.1 19.4 58.1
148 59.8 31.7 95.1





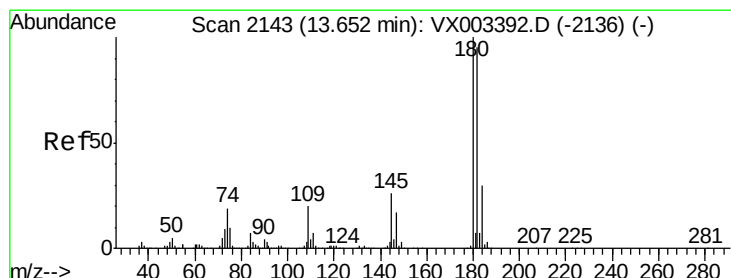
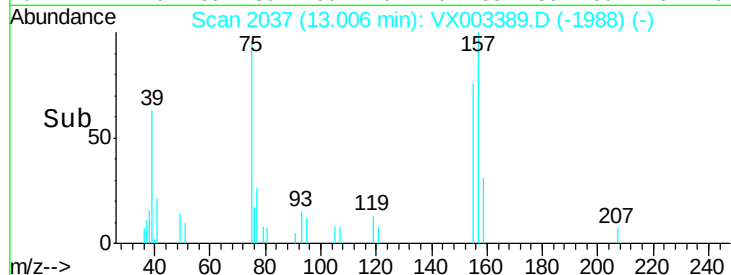
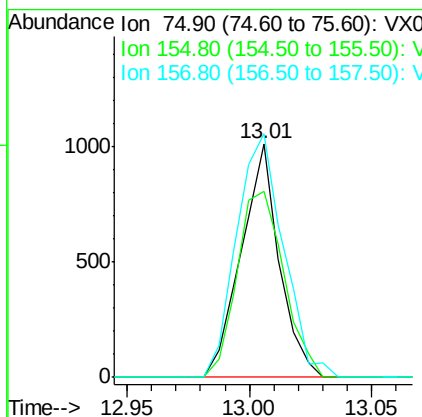
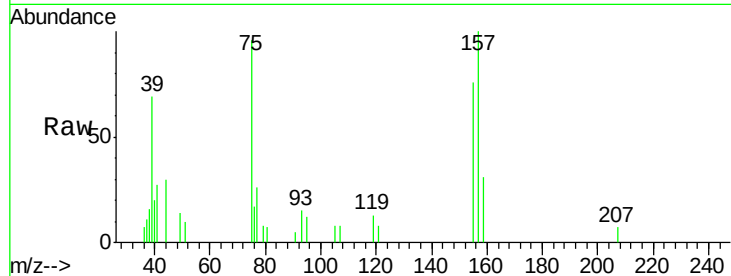
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.91 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion: 75 Resp: 1093
 Ion Ratio Lower Upper
 75 100
 155 97.9 45.8 137.4
 157 127.8 60.1 180.3

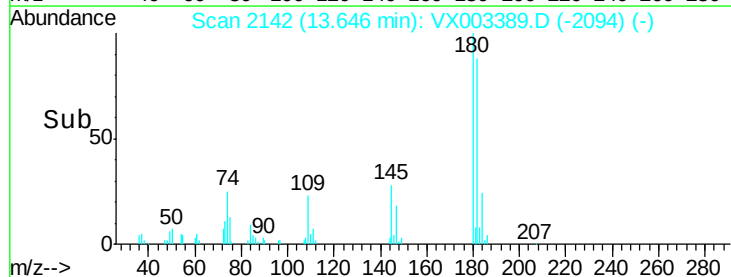
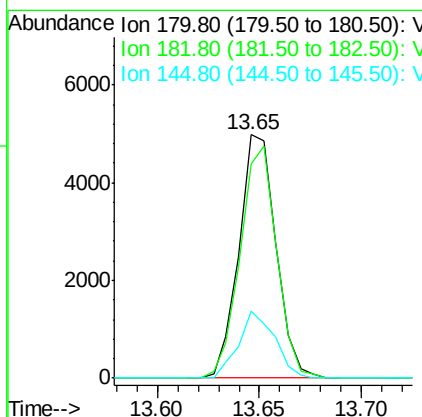
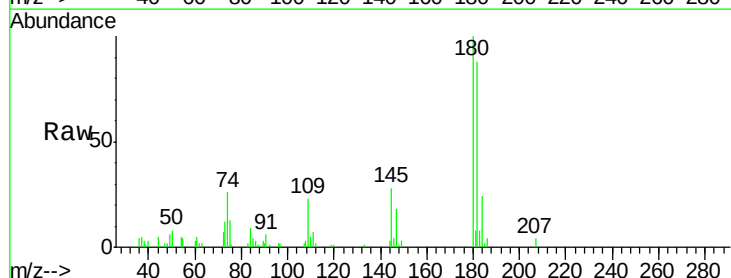
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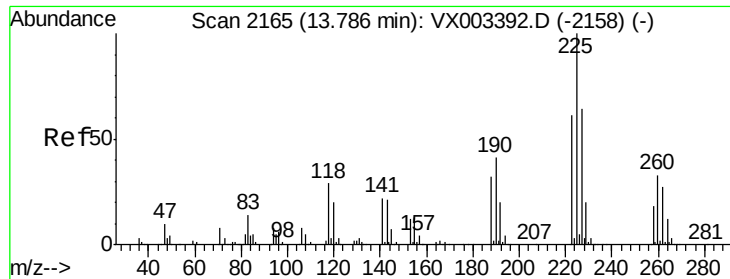
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#93
 1,2,4-Trichlorobenzene
 Concen: 0.94 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion: 180 Resp: 6295
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.7 143.1
 145 26.7 14.1 42.4





#94

Hexachlorobutadiene

Concen: 1.01 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

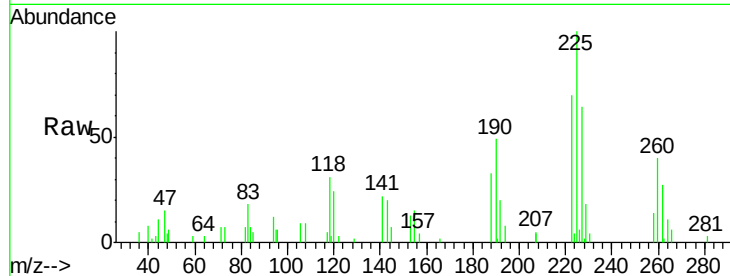
ClientSampleId :

VSTDIC001

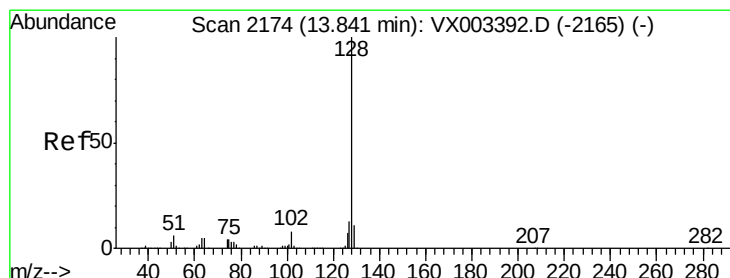
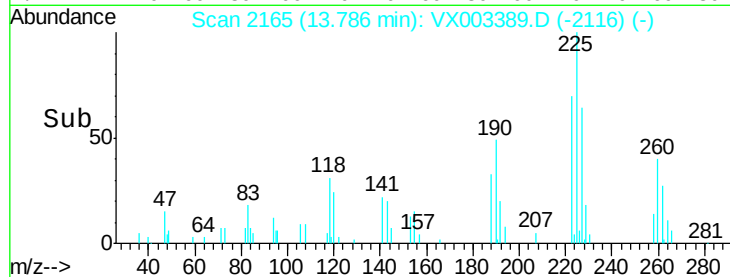
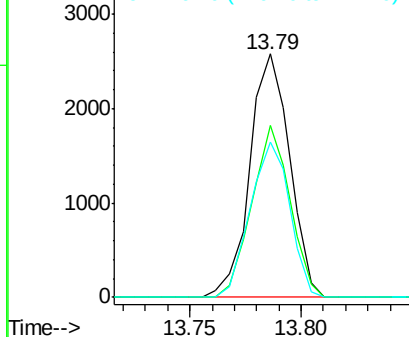
Tot Ion:	225	Resp:	3214
Ion Ratio	Lower	Upper	
225	100		
223	67.9	31.6	95.0
227	63.3	32.4	97.2

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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.80 ug/l

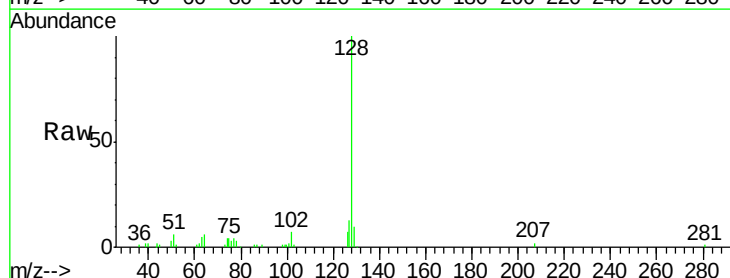
RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

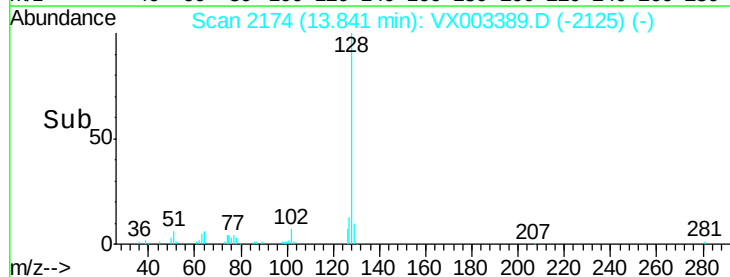
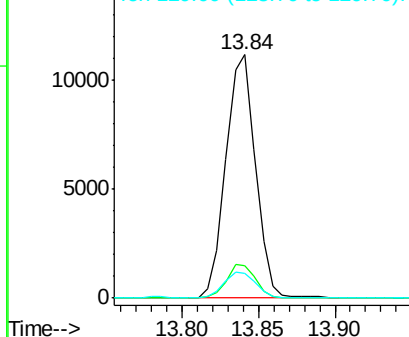
Lab File: VX003389.D

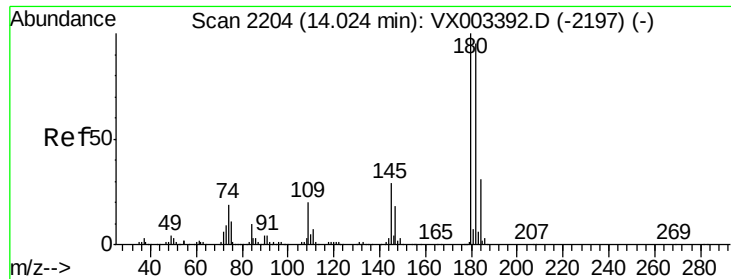
Acq: 16 Jul 2018 10:27

Tgt Ion:	128	Resp:	15017
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.4	15.6
129	11.5	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





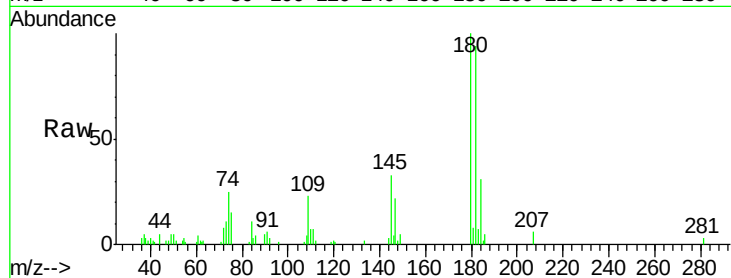
#96
 1,2,3-Trichlorobenzene
 Concen: 0.93 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.0	144.0
145	30.4	14.8	44.3

Manual Integrations
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Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

