

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008605.D
 Acq On : 03 Apr 2019 09:33
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 3:38:06 PM

Quant Time: Apr 04 04:15:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:04:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	217468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	357350	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	315264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141576	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	3356	1.341 ug/l	98
3) Chloromethane	1.32	50	4965	1.436 ug/l	95
4) Vinyl Chloride	1.40	62	4606	1.361 ug/l	99
5) Bromomethane	1.64	94	2052	1.137 ug/l #	78
6) Chloroethane	1.72	64	3311	1.393 ug/l	96
7) Trichlorofluoromethane	1.93	101	5262	1.407 ug/l	98
8) Diethyl Ether	2.19	74	2649	1.493 ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3135	1.302 ug/l	98
12) 1,1-Dichloroethene	2.37	96	3296	1.311 ug/l	94
14) Allyl chloride	2.73	41	7384	1.283 ug/l	91
15) Acrylonitrile	3.14	53	12959	6.587 ug/l	98
16) Acetone	2.44	43	12335	6.752 ug/l	99
17) Carbon Disulfide	2.57	76	10461	1.295 ug/l #	94
18) Methyl Acetate	2.77	43	5460	1.232 ug/l	92
19) Methyl tert-butyl Ether	3.19	73	11824	1.317 ug/l	100
20) Methylene Chloride	2.85	84	4511	1.475 ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	3625	1.333 ug/l	87
22) Diisopropyl ether	3.85	45	14204	1.280 ug/l #	80
23) Vinyl Acetate	3.81	43	59581	6.174 ug/l	100
24) 1,1-Dichloroethane	3.70	63	7454	1.357 ug/l #	95
25) 2-Butanone	4.67	43	18080	6.261 ug/l	98
26) 2,2-Dichloropropane	4.58	77	5158	1.333 ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	4073	1.303 ug/l	95
28) Bromochloromethane	5.01	49	3823	1.467 ug/l #	96
29) Tetrahydrofuran	5.12	42	12232	6.382 ug/l	96
30) Chloroform	5.21	83	6623	1.350 ug/l	95
31) Cyclohexane	5.57	56	7178	1.310 ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	5304	1.338 ug/l #	50
36) 1,1-Dichloropropene	5.80	75	4902	1.255 ug/l	92
37) Ethyl Acetate	4.83	43	6140	1.178 ug/l #	85
38) Carbon Tetrachloride	5.78	117	4220	1.305 ug/l #	84
39) Methylcyclohexane	7.46	83	6801	1.409 ug/l	98
40) Benzene	6.13	78	15586	1.339 ug/l	97
41) Methacrylonitrile	5.04	41	4103	1.369 ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.19	62	5816	1.394	ug/l	97
43) Isopropyl Acetate	6.45	43	10579	1.295	ug/l	98
44) Trichloroethene	7.21	130	3777	1.394	ug/l	92
45) 1,2-Dichloropropane	7.51	63	4686	1.411	ug/l #	87
46) Dibromomethane	7.66	93	2552	1.325	ug/l	98
47) Bromodichloromethane	7.89	83	4621	1.272	ug/l #	93
48) Methyl methacrylate	7.77	41	4689	1.135	ug/l	89
49) 1,4-Dioxane	7.74	88	2277	29.420	ug/l #	90
51) 4-Methyl-2-Pentanone	8.64	43	32582	6.197	ug/l	98
52) Toluene	8.78	92	9251	1.348	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	4830	1.187	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	5424	1.167	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	3721	1.351	ug/l	93
56) Ethyl methacrylate	9.18	69	5993	1.203	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	7100	1.436	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	9067	3.564	ug/l	97
59) 2-Hexanone	9.49	43	25364	6.207	ug/l	99
60) Dibromochloromethane	9.58	129	3065	1.181	ug/l	98
61) 1,2-Dibromoethane	9.67	107	3817	1.331	ug/l	96
64) Tetrachloroethene	9.33	164	3199	1.370	ug/l	98
65) Chlorobenzene	10.13	112	9221	1.319	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.22	131	2937	1.198	ug/l #	59
67) Ethyl Benzene	10.25	91	17311	1.328	ug/l	99
68) m/p-Xylenes	10.36	106	12274	2.620	ug/l	99
69) o-Xylene	10.69	106	5909	1.301	ug/l	96
70) Styrene	10.71	104	9661	1.234	ug/l	99
71) Bromoform	10.86	173	2120	1.132	ug/l #	99
73) Isopropylbenzene	11.02	105	15722	1.340	ug/l	99
74) N-amyl acetate	10.90	43	8287	1.201	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	6276	1.406	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	5146m	1.230	ug/l	
77) Bromobenzene	11.26	156	3788	1.343	ug/l	98
78) n-propylbenzene	11.35	91	17661	1.293	ug/l	100
79) 2-Chlorotoluene	11.42	91	10568	1.278	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	12690	1.288	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	1404	0.995	ug/l #	67
82) 4-Chlorotoluene	11.51	91	11990	1.253	ug/l	100
83) tert-Butylbenzene	11.77	119	12458	1.315	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	12803	1.284	ug/l	98
85) sec-Butylbenzene	11.94	105	14342	1.274	ug/l	100
86) p-Isopropyltoluene	12.06	119	12763	1.263	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	6930	1.372	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	6768m	1.324	ug/l	
89) n-Butylbenzene	12.38	91	11200	1.182	ug/l	98
90) Hexachloroethane	12.59	117	1980	1.182	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	6687	1.334	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1227	1.250	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	4239	1.216	ug/l	96
94) Hexachlorobutadiene	13.78	225	2343	1.402	ug/l	96
95) Naphthalene	13.83	128	12866	1.104	ug/l	100

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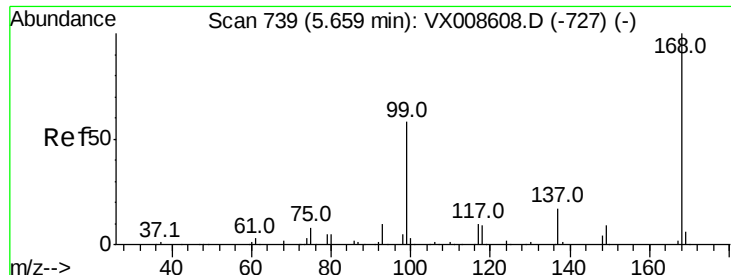
Manual Integrations
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Quant Time: Apr 04 04:15:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:04:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	4585	1.316	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 217468

Ion Ratio Lower Upper

168 100

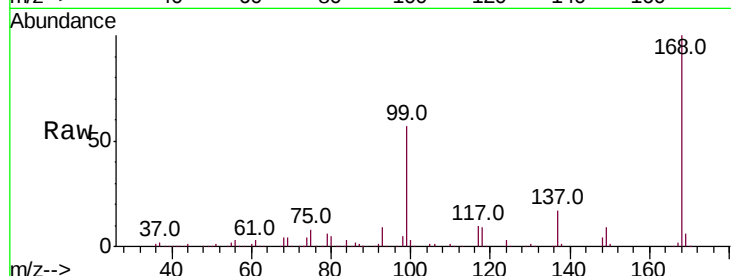
99 57.4 46.7 70.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

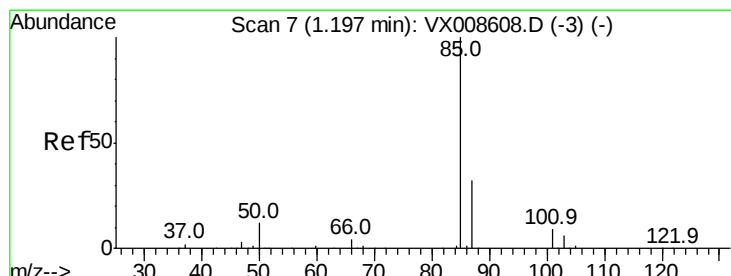
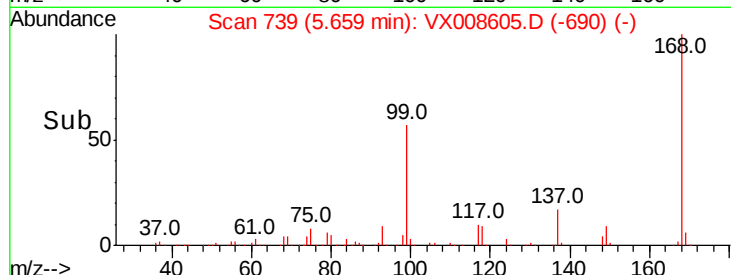
40000

20000

0

5.50 5.60 5.70 5.80

5.66



#2

Dichlorodifluoromethane

Concen: 1.341 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008605.D

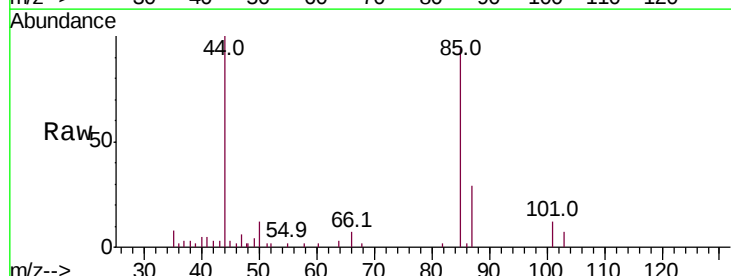
Acq: 03 Apr 2019 09:33

Tgt Ion: 85 Resp: 3356

Ion Ratio Lower Upper

85 100

87 30.6 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

3000

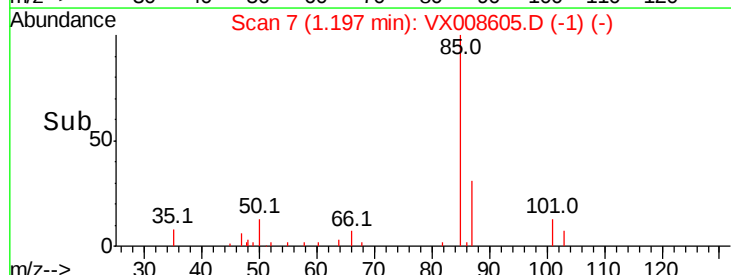
2000

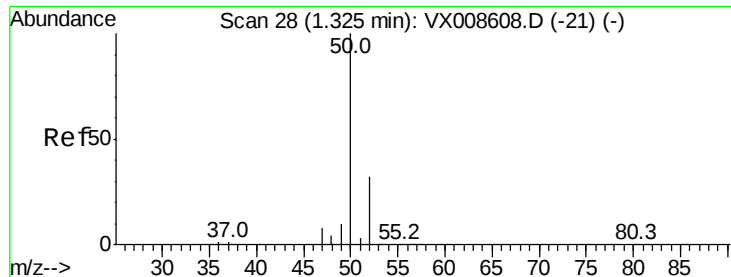
1000

0

1.15 1.20 1.25

1.20





#3

Chloromethane

Concen: 1.436 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 4965

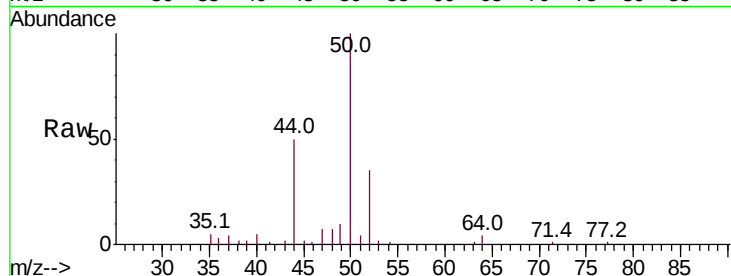
Ion Ratio Lower Upper

50 100

52 35.1 25.8 38.8

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

4000

3000

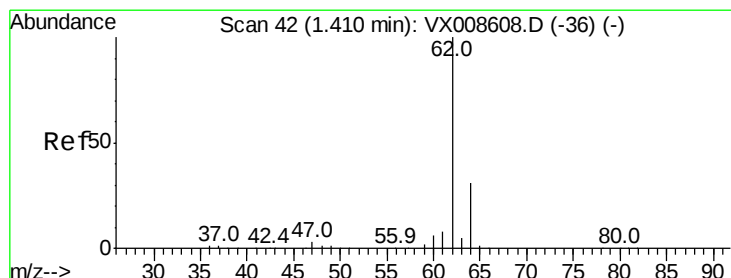
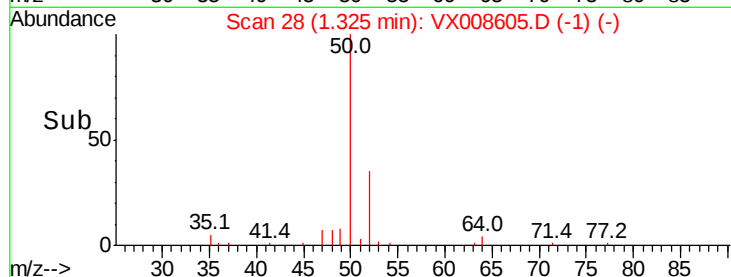
2000

1000

0

1.30 1.35

Time-->



#4

Vinyl Chloride

Concen: 1.361 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008605.D

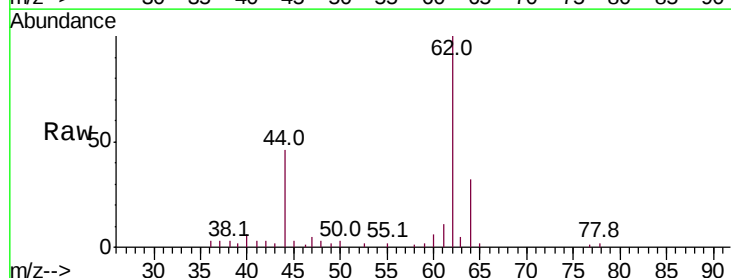
Acq: 03 Apr 2019 09:33

Tgt Ion: 62 Resp: 4606

Ion Ratio Lower Upper

62 100

64 30.2 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

4000

3000

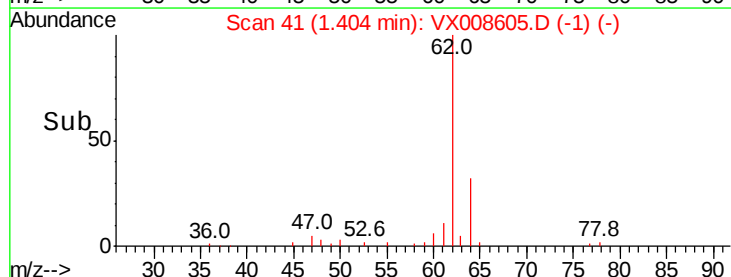
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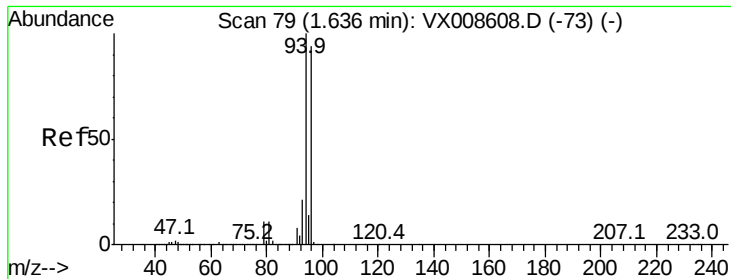
1000

0

1.35 1.40 1.45

Time-->





#5

Bromomethane

Concen: 1.137 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 2052

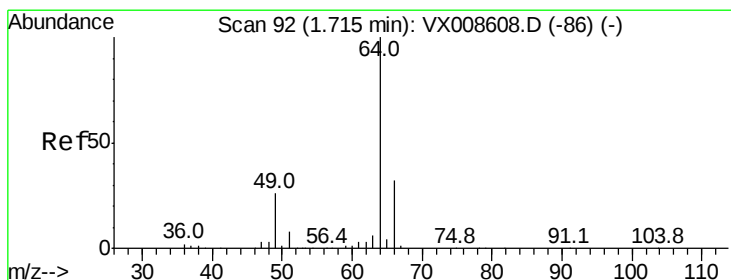
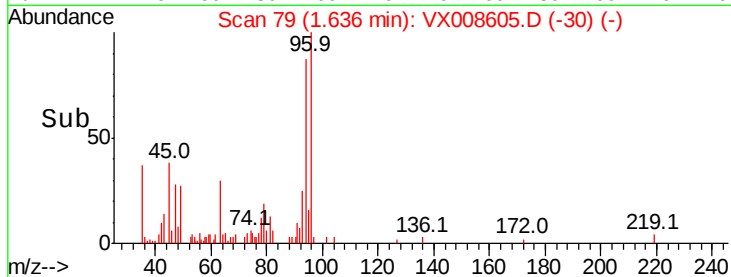
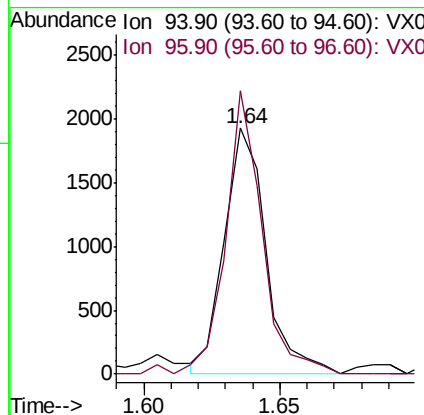
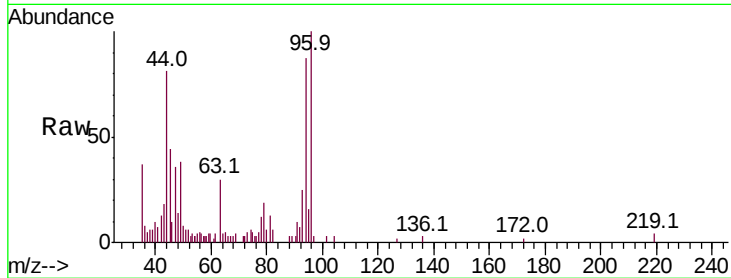
Ion Ratio Lower Upper

94 100

96 115.0 75.2 112.8#

Manual Integrations
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#6

Chloroethane

Concen: 1.393 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008605.D

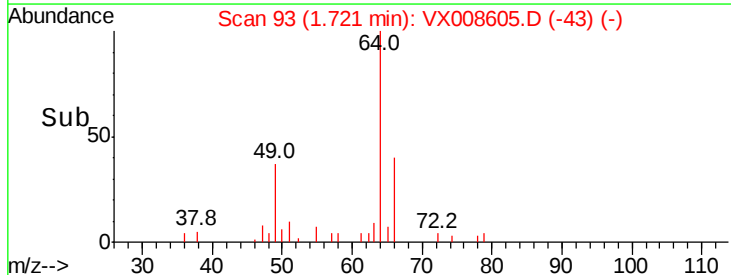
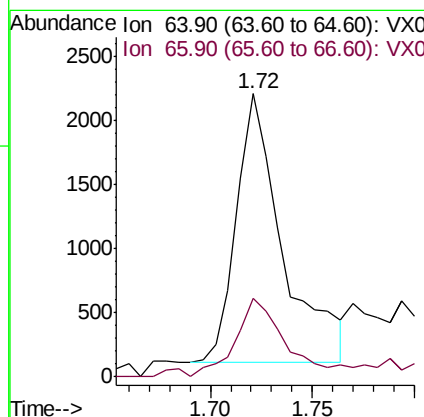
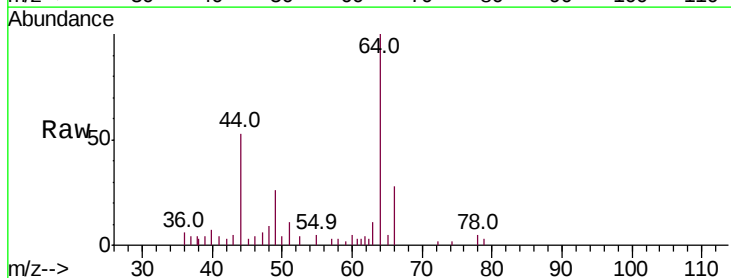
Acq: 03 Apr 2019 09:33

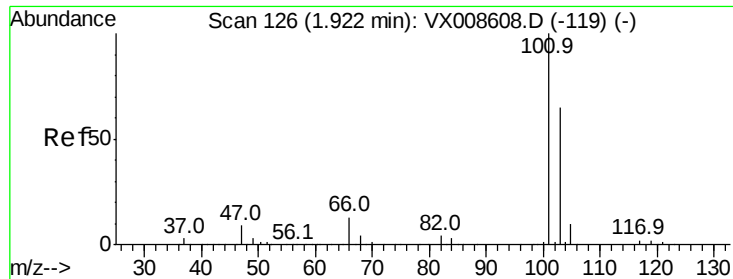
Tgt Ion: 64 Resp: 3311

Ion Ratio Lower Upper

64 100

66 29.3 25.4 38.0





#7

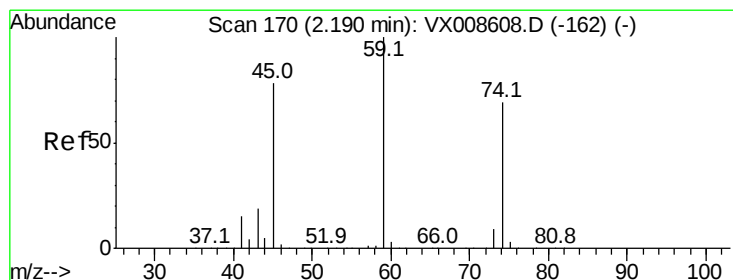
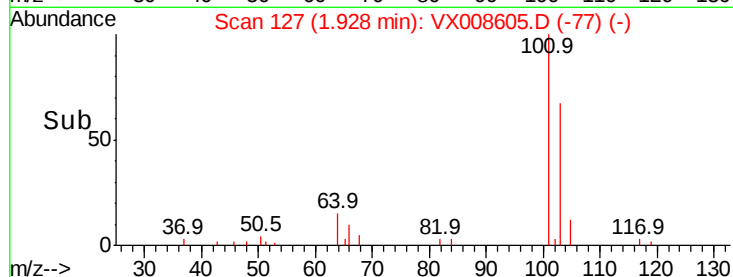
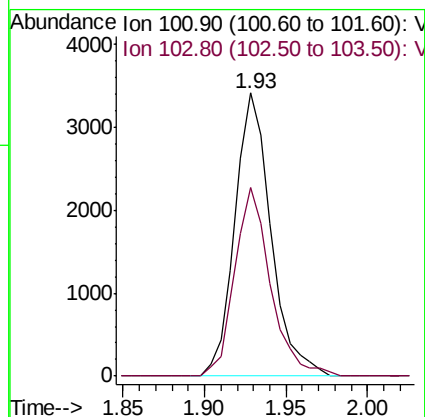
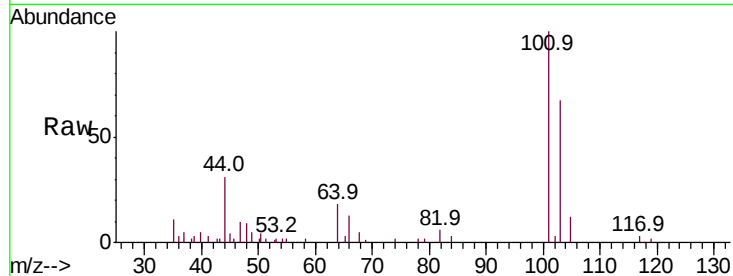
Trichlorofluoromethane
 Concen: 1.407 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008605.D
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 ClientSampleId :
 VSTDIC001

Tot Ion:101 Resp: 5262
 Ion Ratio Lower Upper
 101 100
 103 66.7 52.3 78.5

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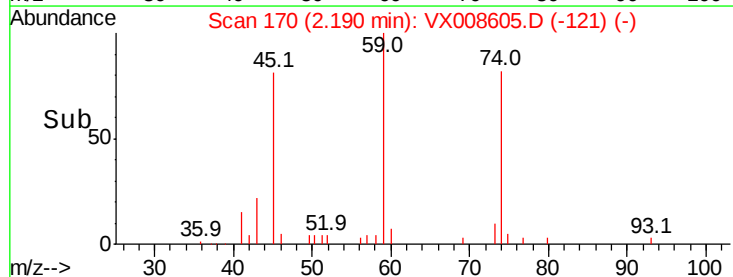
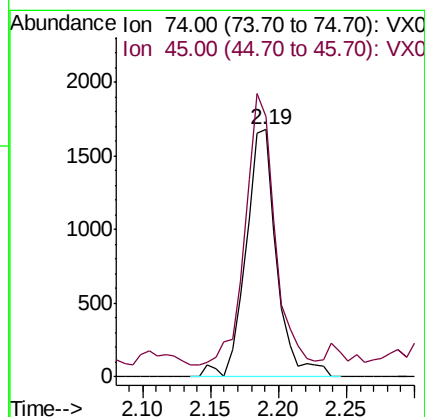
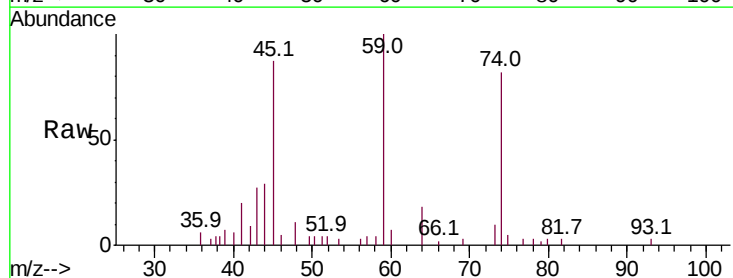
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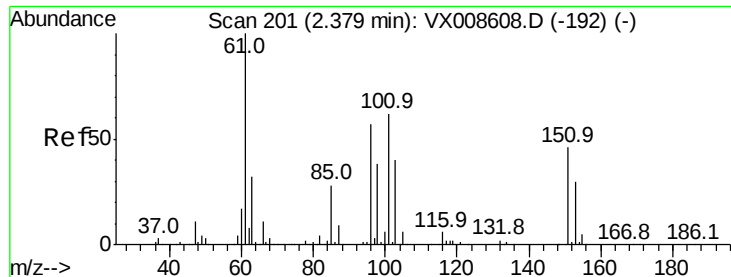


#8

Diethyl Ether
 Concen: 1.493 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Tgt Ion: 74 Resp: 2649
 Ion Ratio Lower Upper
 74 100
 45 104.7 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.302 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

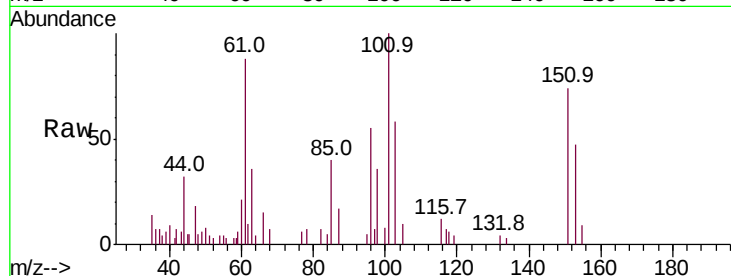
ClientSampled :

VSTDIC001

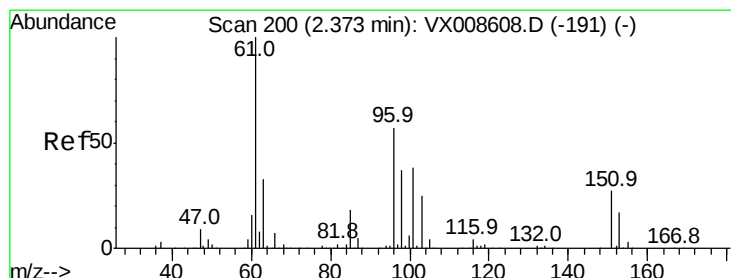
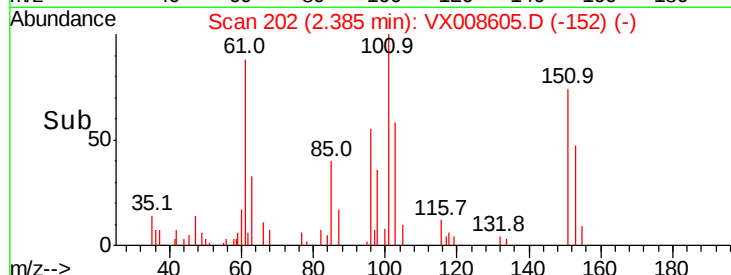
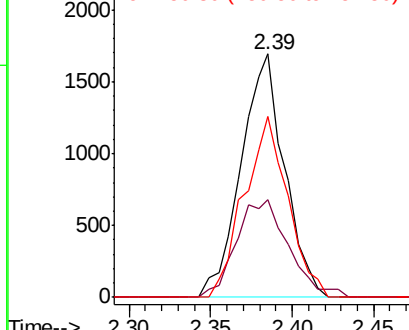
Tot Ion:	101	Resp:	3135
Ion Ratio	Lower	Upper	
101	100		
85	48.0	36.0	54.0
151	74.7	59.9	89.9

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



#12

1,1-Dichloroethene

Concen: 1.311 ug/l

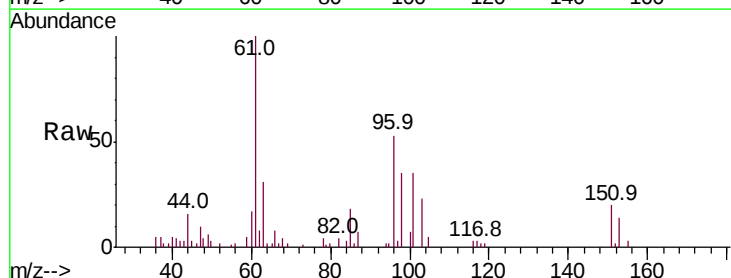
RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

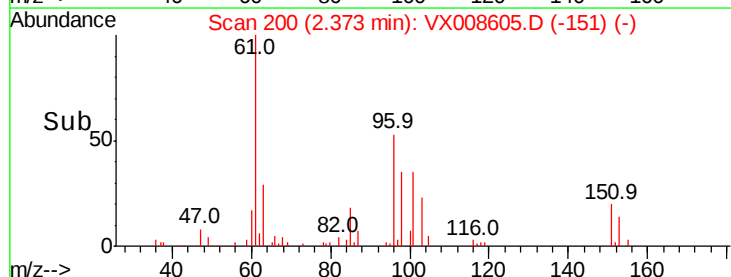
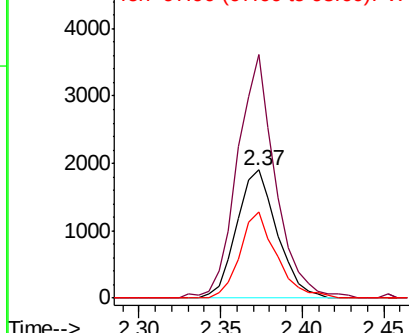
Lab File: VX008605.D

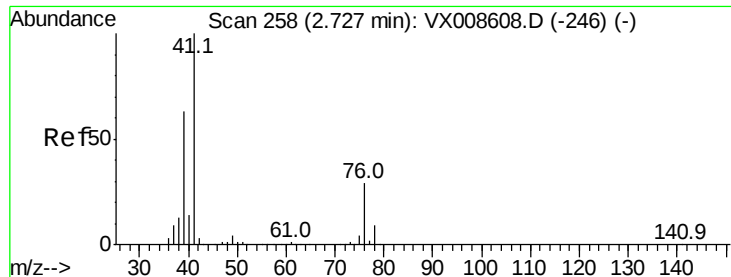
Acq: 03 Apr 2019 09:33

Tgt Ion:	96	Resp:	3296
Ion Ratio	Lower	Upper	
96	100		
61	186.2	140.9	211.3
98	67.3	52.1	78.1



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





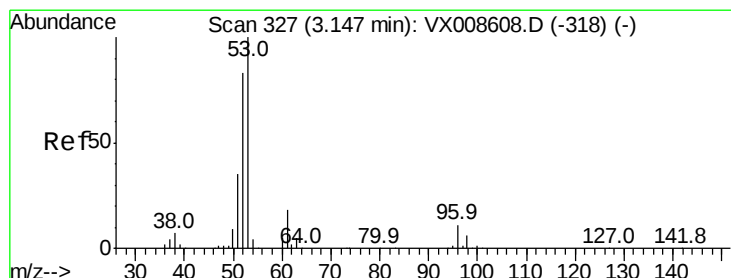
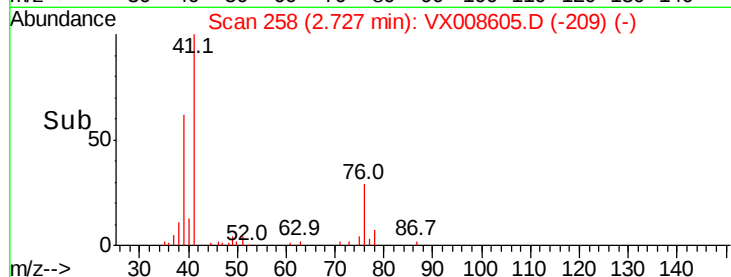
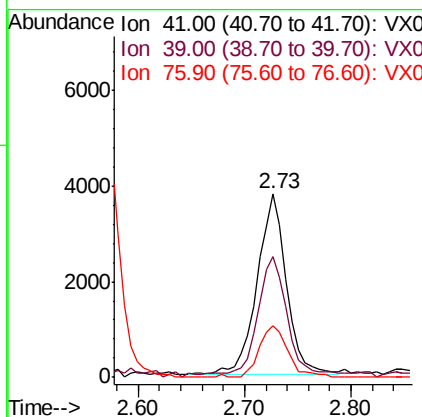
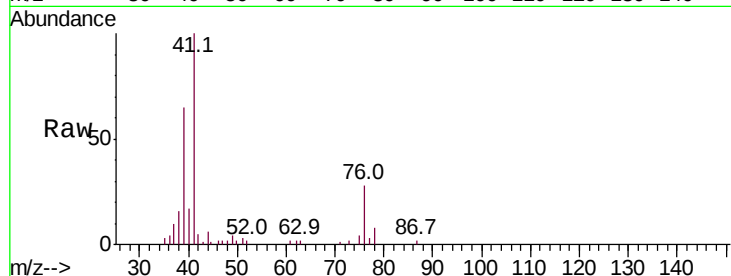
#14
Allvl chloride
Concen: 1.283 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
39	70.1	48.0	72.0
76	27.4	22.0	33.0

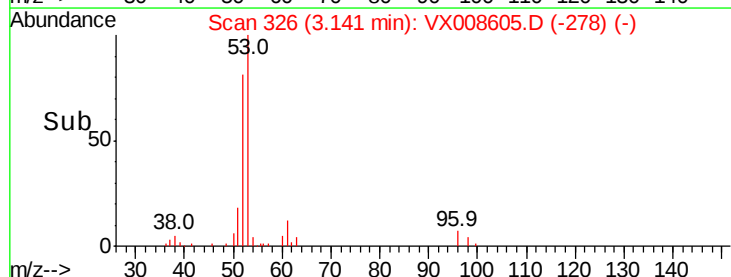
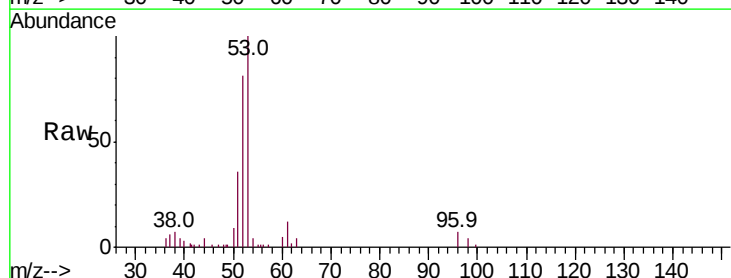
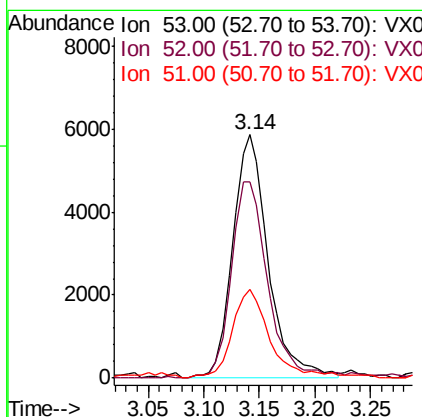
Manual Integrations
APPROVED

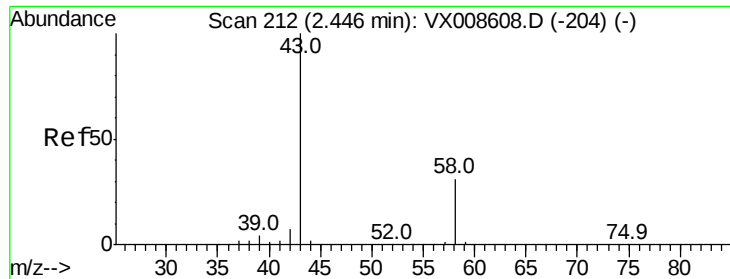
MMDadoda
4/4/2019 3:38:06 PM



#15
Acrylonitrile
Concen: 6.587 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.01 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.5	99.7
51	39.0	28.6	42.8





#16

Acetone

Concen: 6.752 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 12335

Ion Ratio Lower Upper

43 100

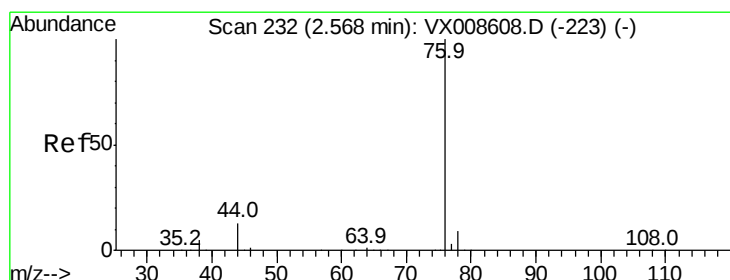
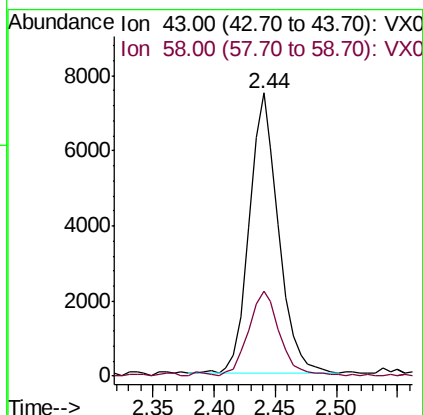
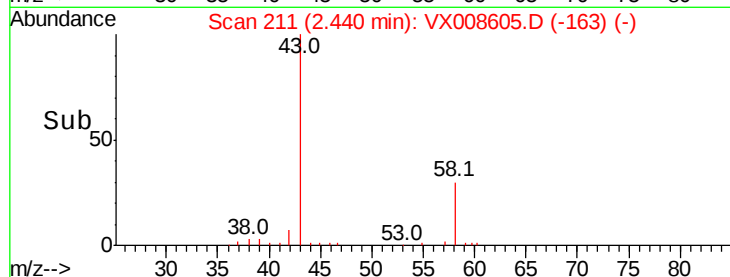
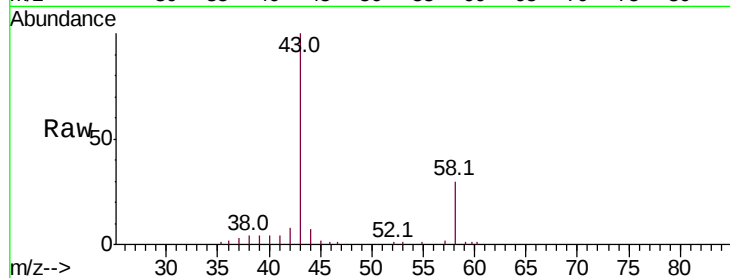
58 30.4 24.8 37.2

Manual Integrations

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4/4/2019 3:38:06 PM



#17

Carbon Disulfide

Concen: 1.295 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008605.D

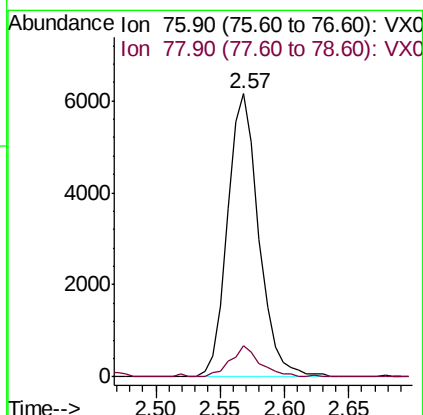
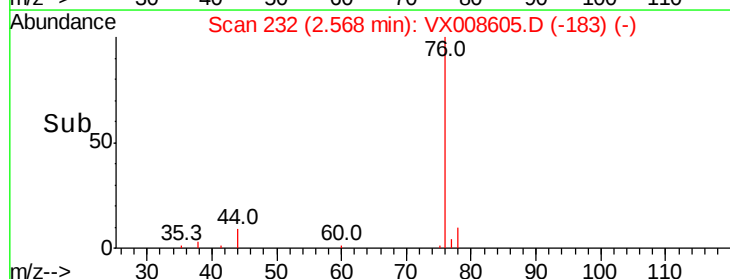
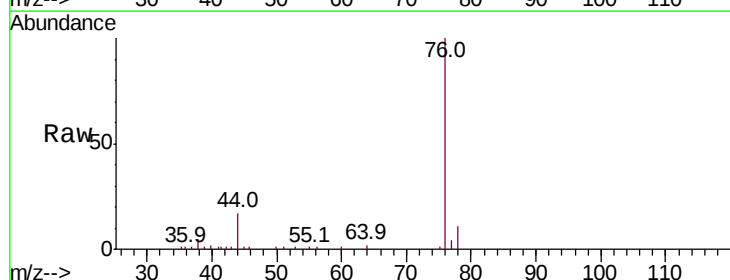
Acq: 03 Apr 2019 09:33

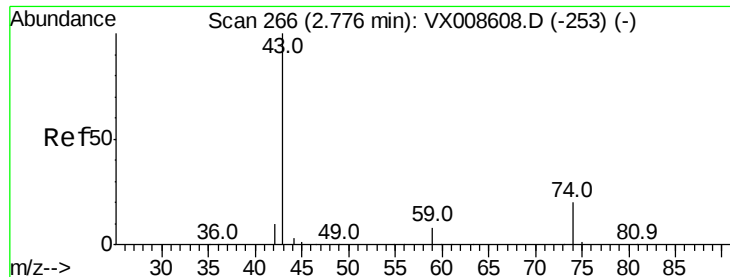
Tgt Ion: 76 Resp: 10461

Ion Ratio Lower Upper

76 100

78 11.1 7.1 10.7#





#18

Methyl Acetate

Concen: 1.232 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 5460

Ion Ratio Lower Upper

43 100

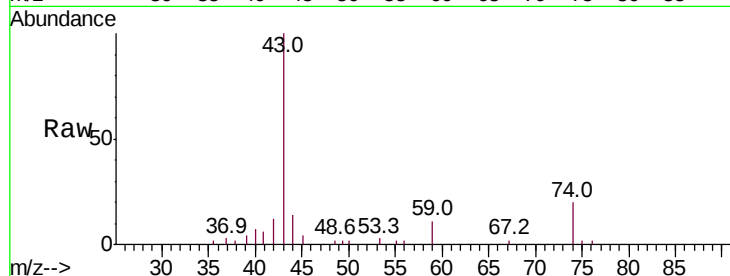
74 24.2 16.5 24.7

Manual Integrations

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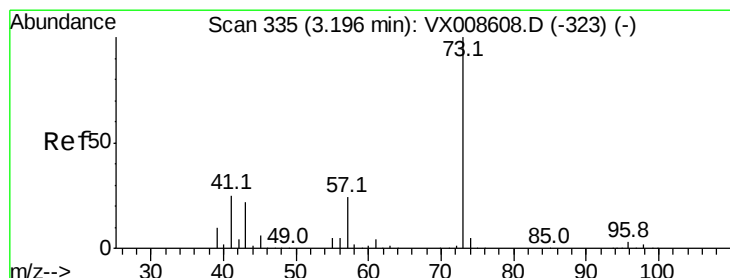
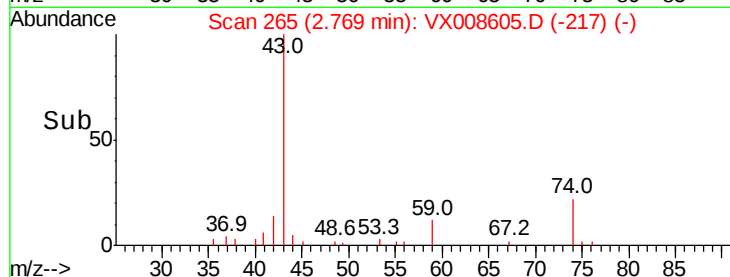
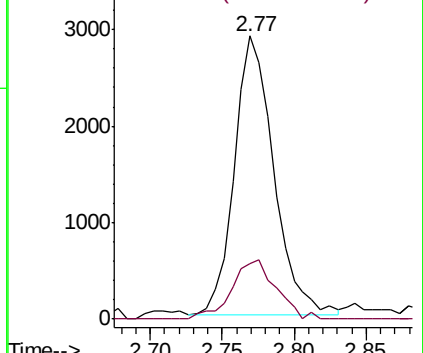
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#19

Methyl tert-butyl Ether

Concen: 1.317 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.01 min

Lab File: VX008605.D

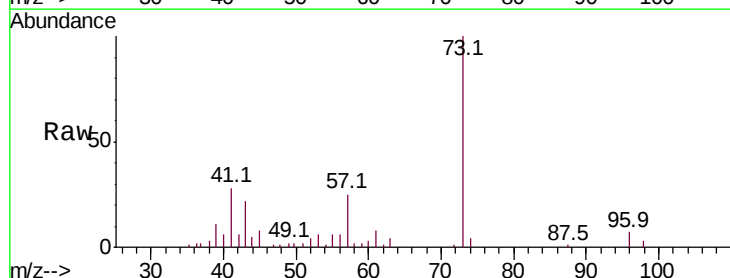
Acq: 03 Apr 2019 09:33

Tgt Ion: 73 Resp: 11824

Ion Ratio Lower Upper

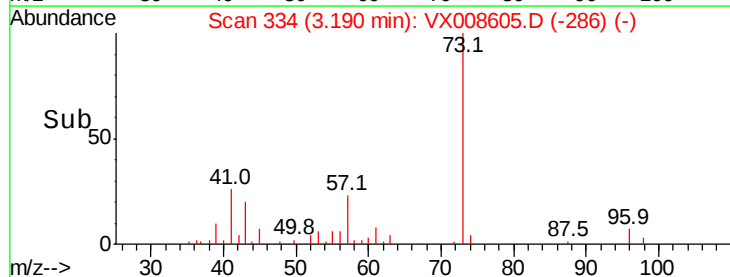
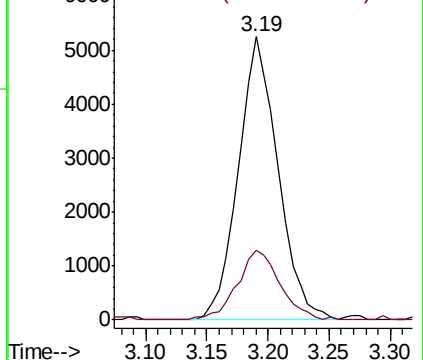
73 100

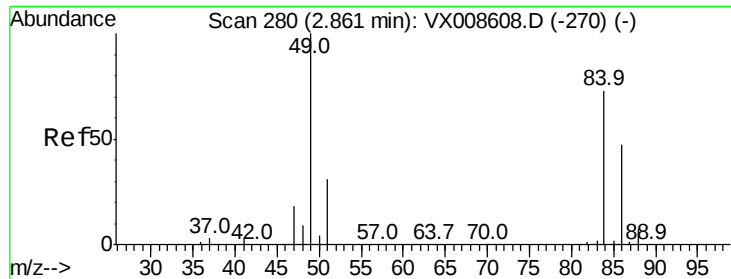
57 24.5 19.5 29.3



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





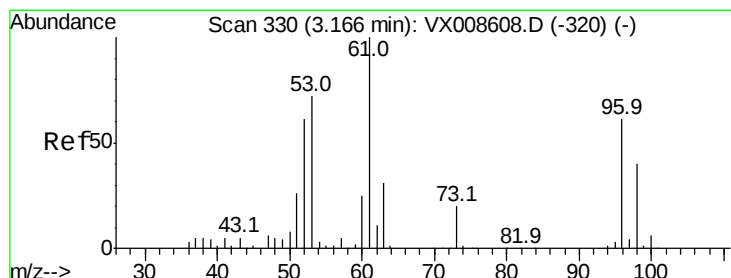
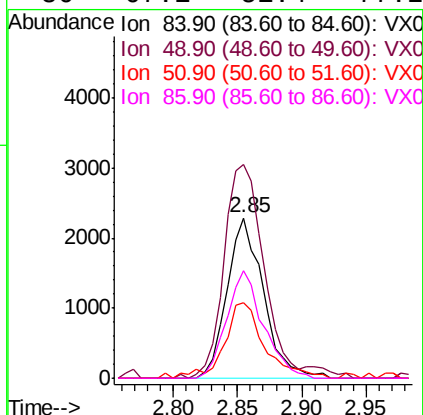
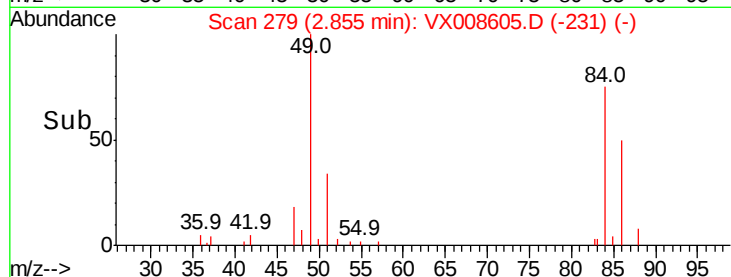
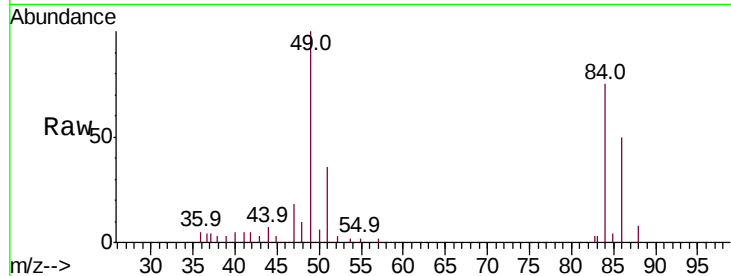
#20
Methvlene Chloride
Concen: 1.475 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	84	Resp:	4511
Ion	Ratio	Lower	Upper
84	100		
49	133.2	109.7	164.5
51	47.4	33.6	50.4
86	67.1	51.4	77.2

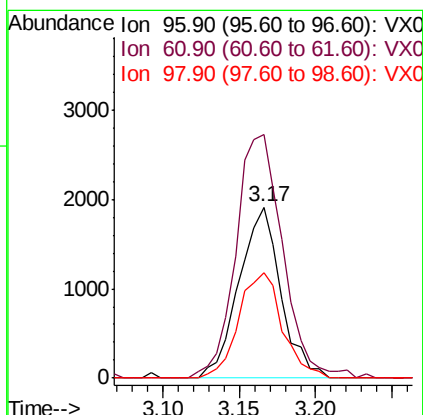
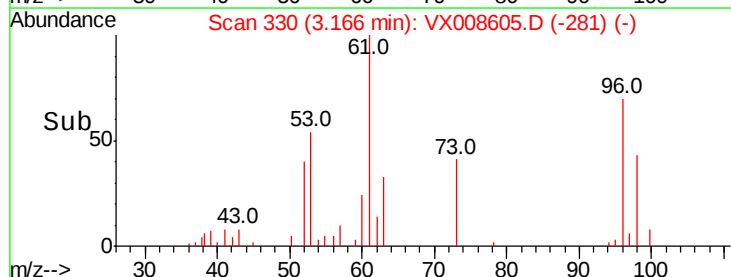
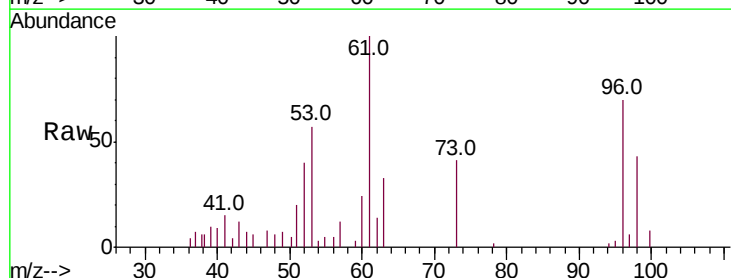
Manual Integrations
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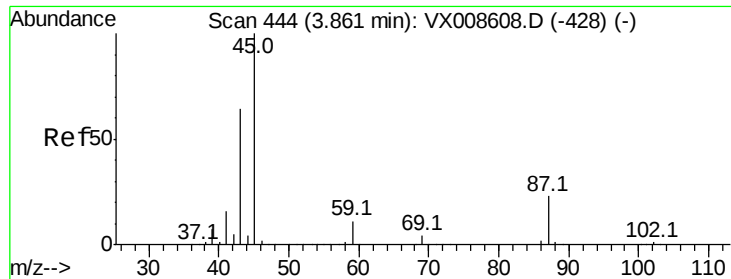
MMDadoda
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#21
trans-1,2-Dichloroethene
Concen: 1.333 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Tgt Ion:	96	Resp:	3625
Ion	Ratio	Lower	Upper
96	100		
61	142.7	132.1	198.1
98	61.5	52.2	78.2





#22

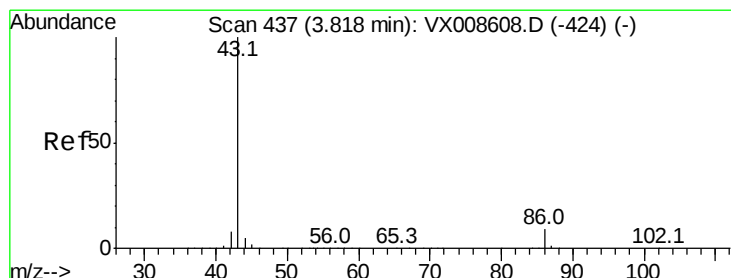
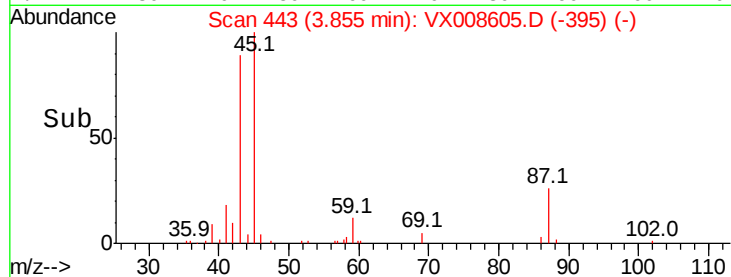
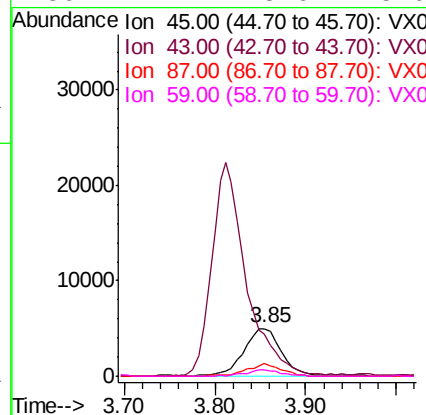
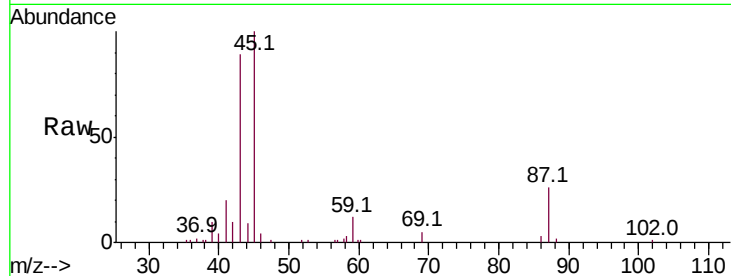
Diisopropyl ether
 Concen: 1.280 ug/l
 RT: 3.85 min Scan# 443
 Delta R.T. -0.01 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:	45	Resp:	14204
Ion Ratio	Lower	Upper	
45	100		
43	85.3	51.3	76.9#
87	26.3	18.1	27.1
59	12.4	8.6	13.0

Manual Integrations
 APPROVED

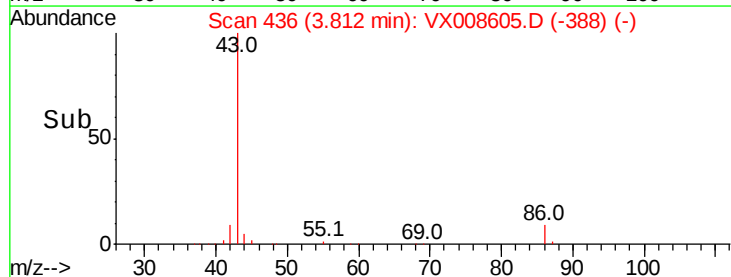
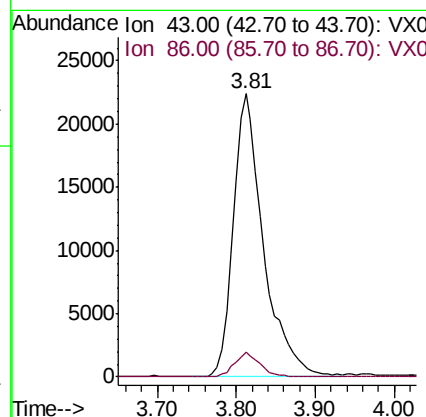
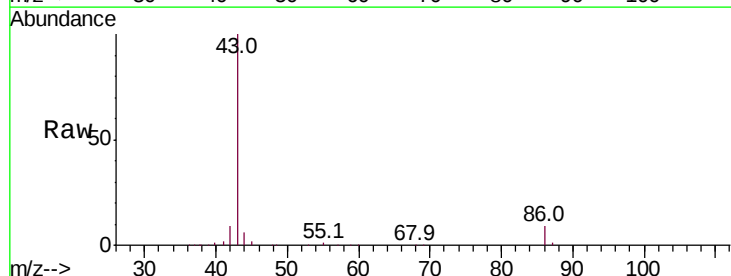
MMDadoda
 4/4/2019 3:38:06 PM

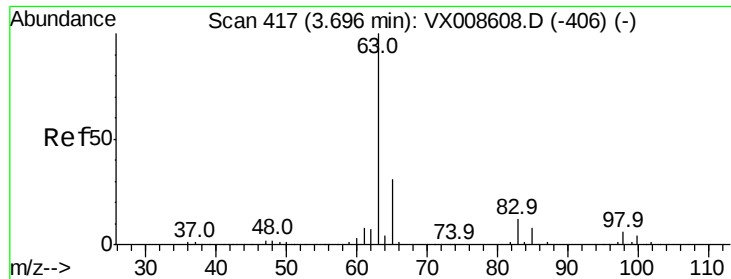


#23

Vinyl Acetate
 Concen: 6.174 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Tgt Ion:	43	Resp:	59581
Ion Ratio	Lower	Upper	
43	100		
86	8.8	7.0	10.6





#24

1,1-Dichloroethane

Concen: 1.357 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

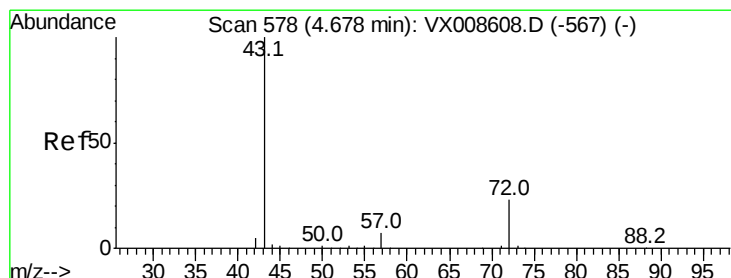
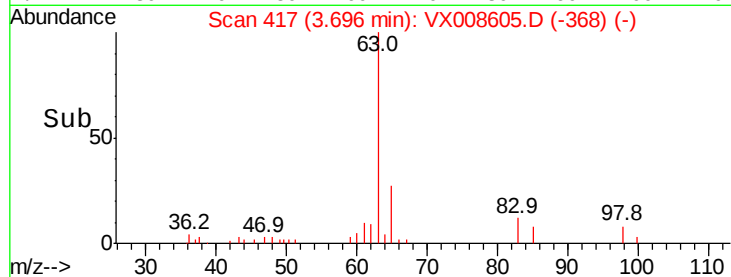
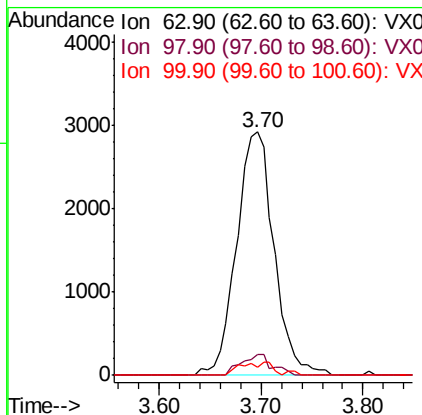
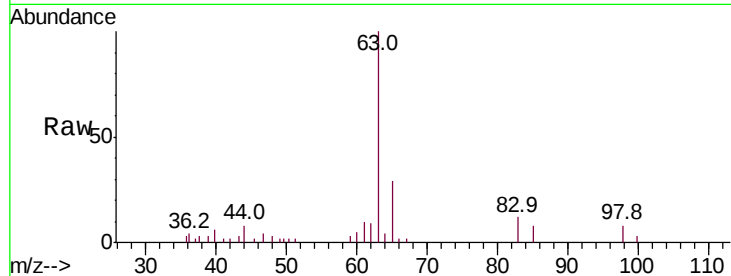
ClientSampleId :

VSTDIC001

Tot Ion:	63	Resp:	7454
Ion Ratio	Lower	Upper	
63	100		
98	8.4	2.8	8.4#
100	3.5	1.8	5.5

Manual Integrations
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MMDadoda
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#25

2-Butanone

Concen: 6.261 ug/l

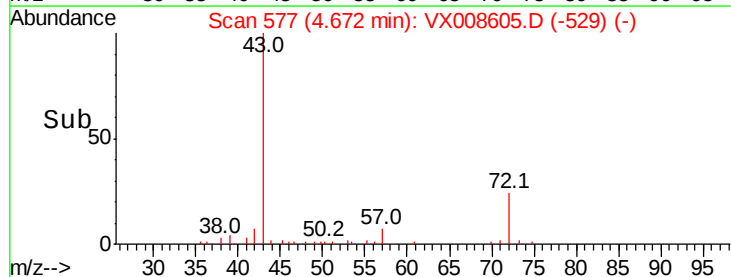
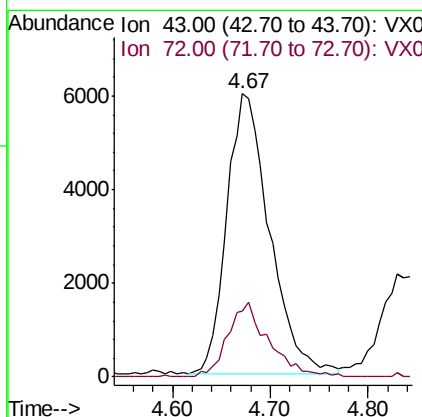
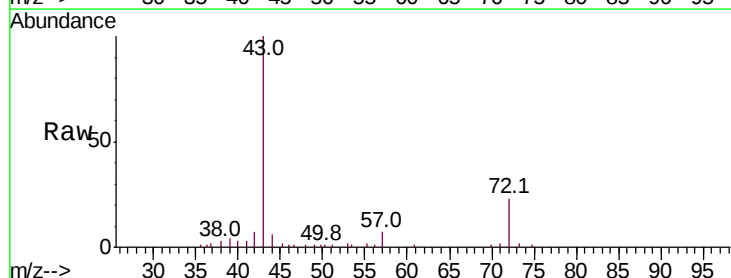
RT: 4.67 min Scan# 577

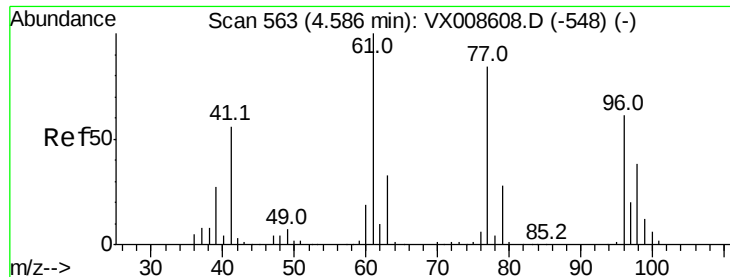
Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Tgt Ion:	43	Resp:	18080
Ion Ratio	Lower	Upper	
43	100		
72	23.7	18.2	27.4





#26

2,2-Dichloropropane

Concen: 1.333 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 77 Resp: 5158

Ion Ratio Lower Upper

77 100

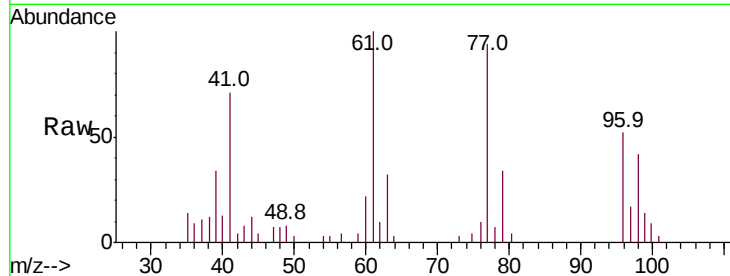
97 20.8 11.5 34.5

Manual Integrations

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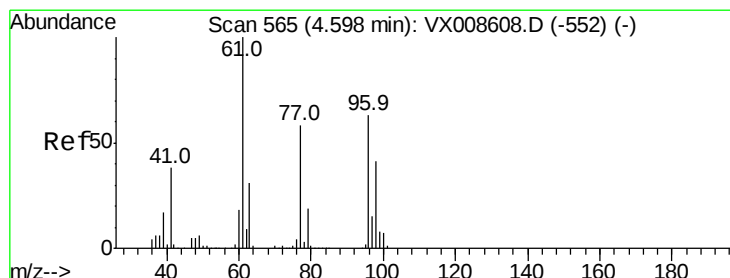
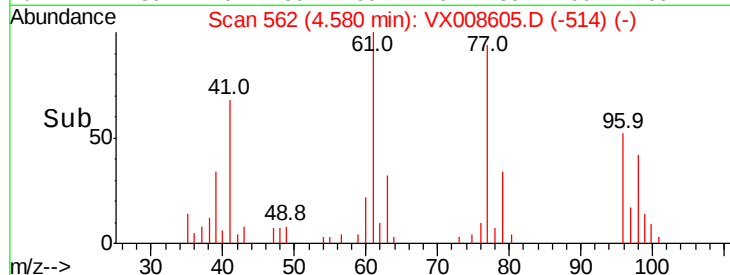
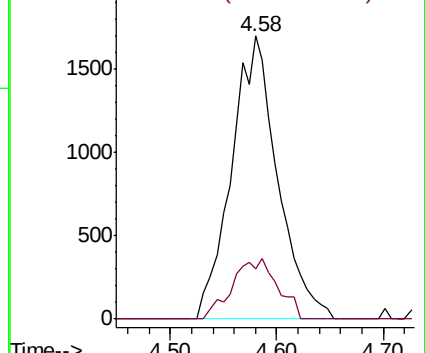
MMDadoda

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Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 1.303 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

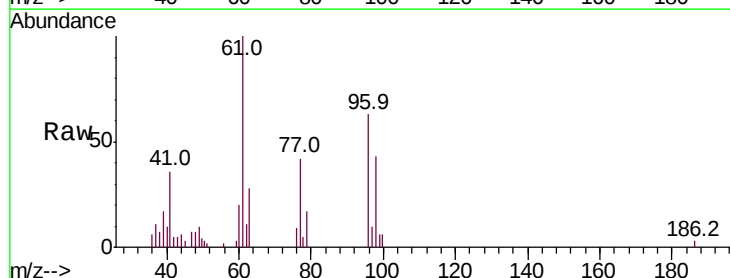
Tgt Ion: 96 Resp: 4073

Ion Ratio Lower Upper

96 100

61 167.7 0.0 327.6

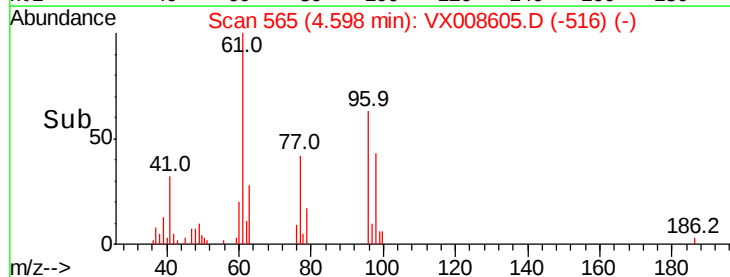
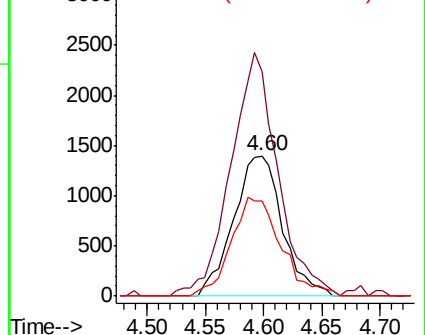
98 71.8 0.0 128.6

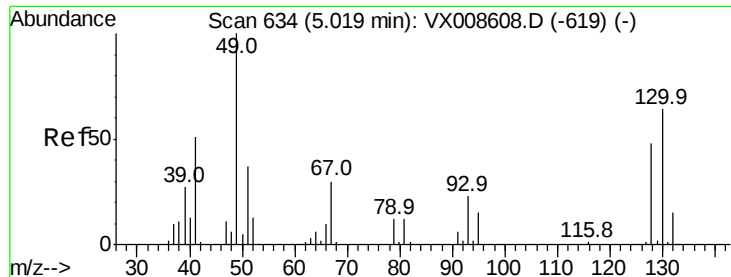


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#28

Bromochloromethane

Concen: 1.467 ug/l

RT: 5.01 min Scan# 632

Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

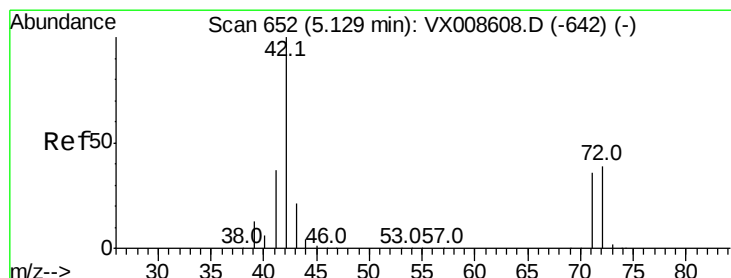
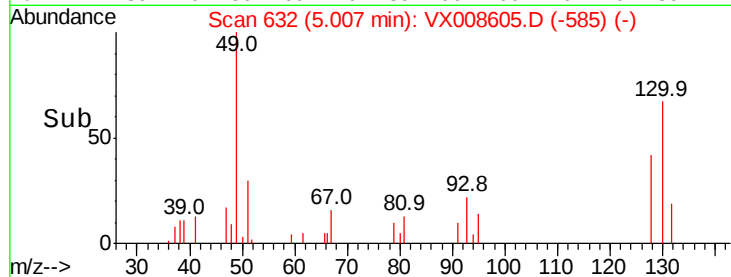
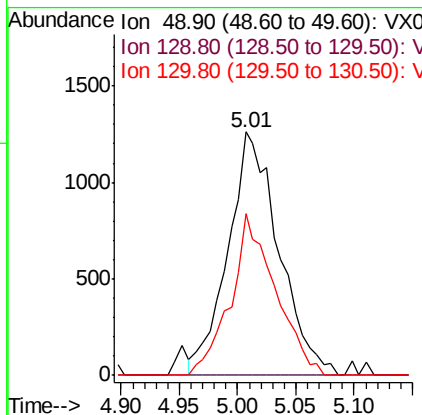
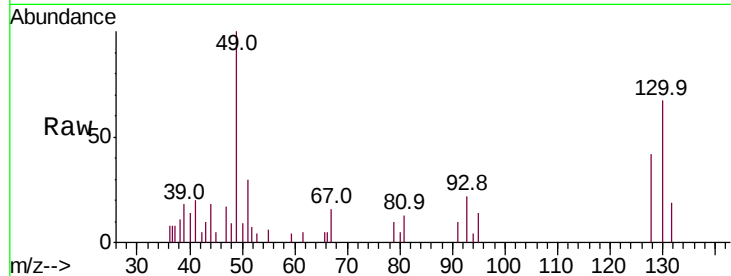
VSTDIC001

Tot Ion: 49 Resp: 3823

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	58.5	49.3	73.9

Manual Integrations
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#29

Tetrahydrofuran

Concen: 6.382 ug/l

RT: 5.12 min Scan# 651

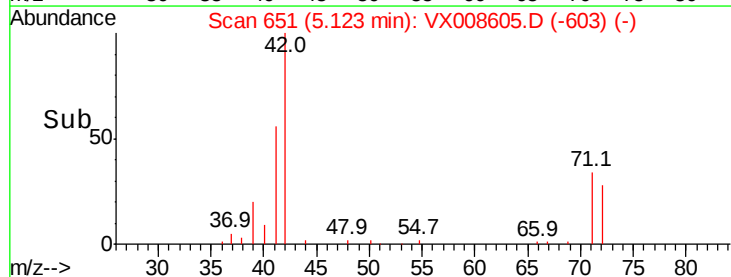
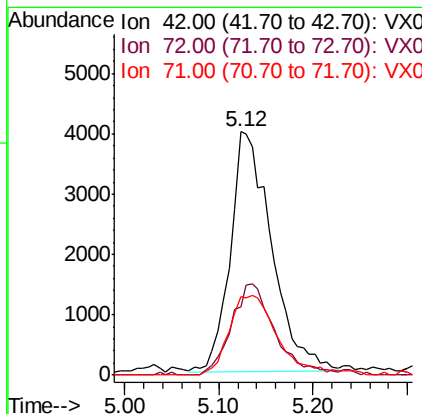
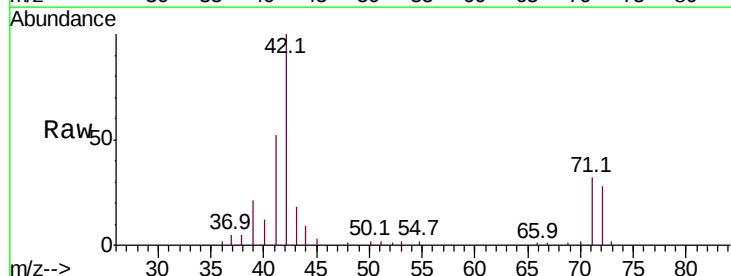
Delta R.T. -0.01 min

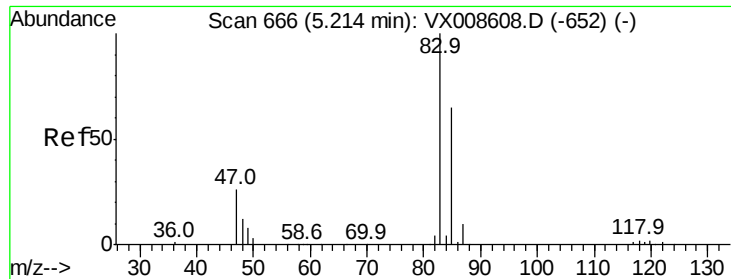
Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Tgt Ion: 42 Resp: 12232

Ion	Ratio	Lower	Upper
42	100		
72	39.9	30.5	45.7
71	39.1	28.6	43.0





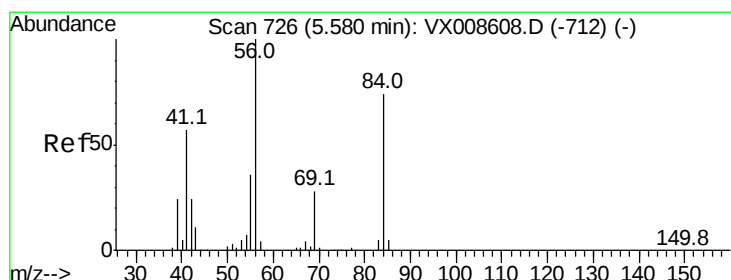
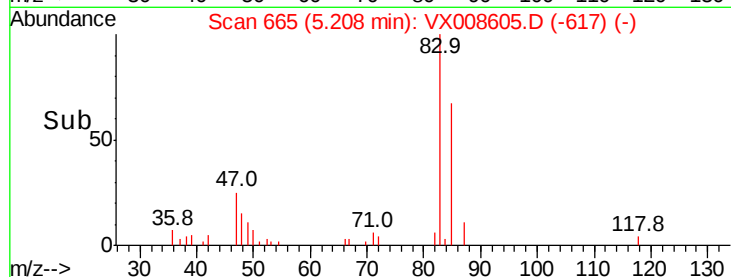
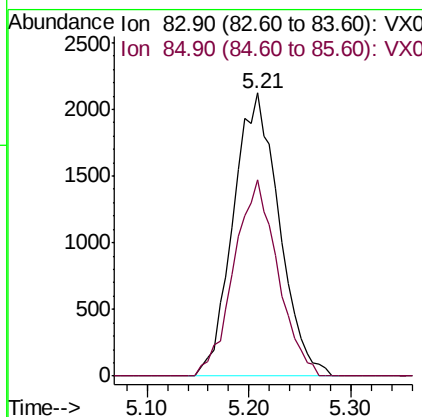
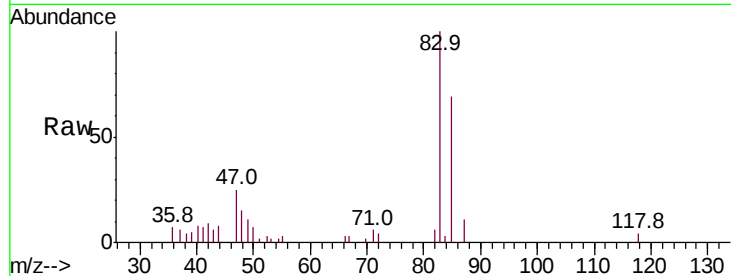
#30
Chloroform
Concen: 1.350 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 6623
Ion Ratio Lower Upper
83 100
85 69.2 52.1 78.1

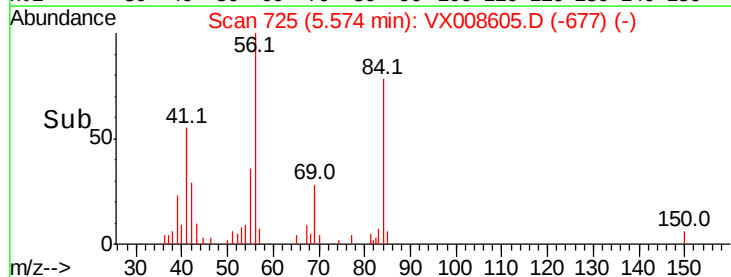
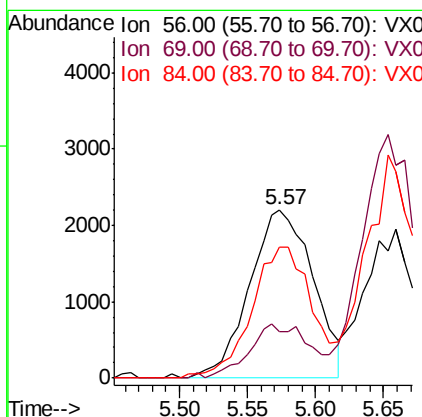
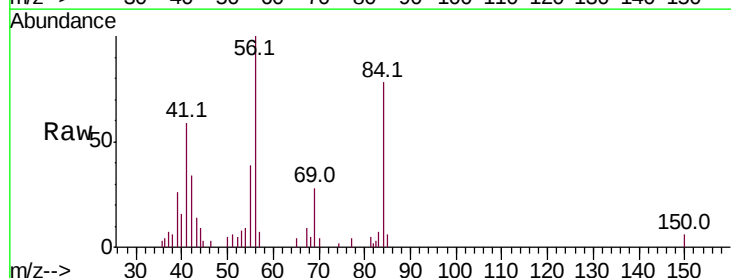
Manual Integrations
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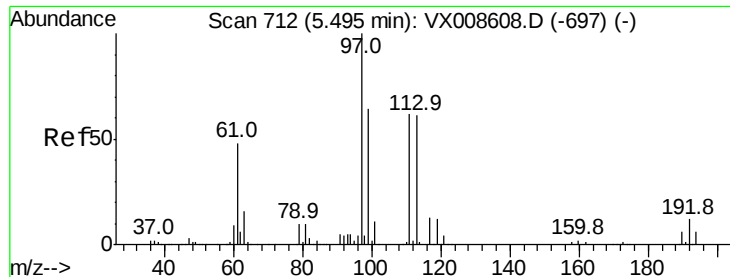
MMDadoda
4/4/2019 3:38:06 PM



#31
Cyclohexane
Concen: 1.310 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Tgt Ion: 56 Resp: 7178
Ion Ratio Lower Upper
56 100
69 27.7 22.6 33.8
84 75.7 59.3 88.9





#32

1,1,1-Trichloroethane

Concen: 1.338 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

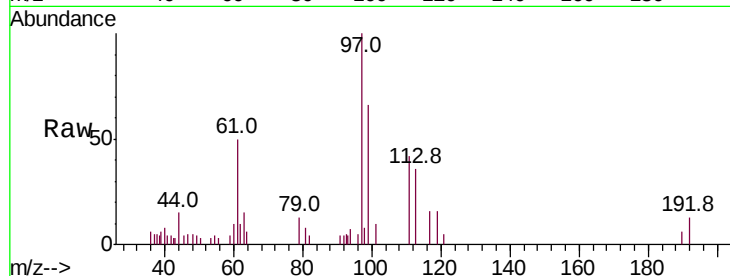
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.3	76.9#
61	53.7	38.9	58.3

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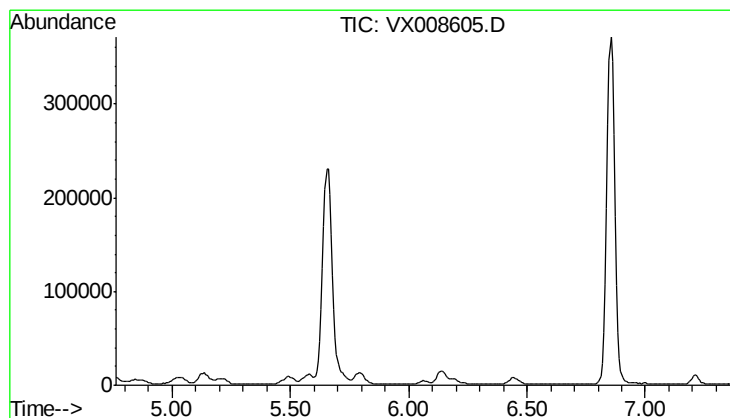
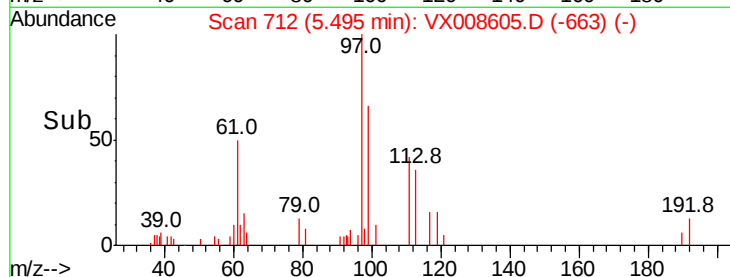
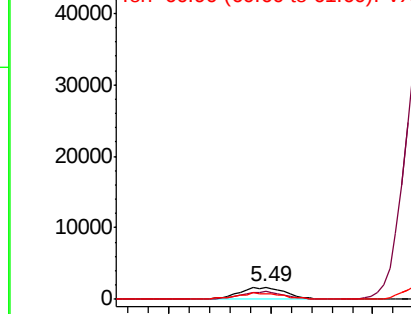


Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.06 min

Lab File: VX008605.D

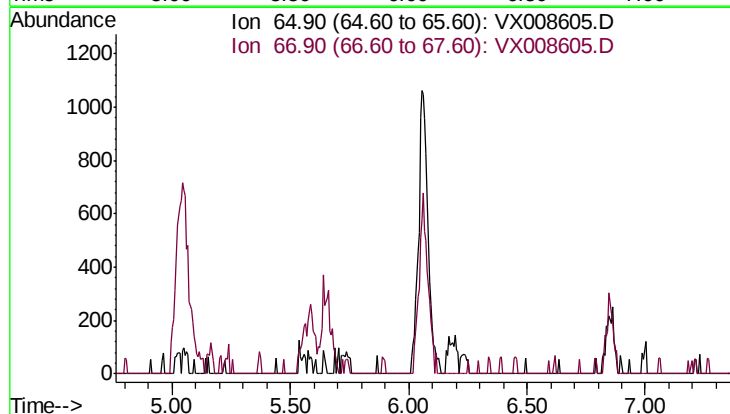
Acq: 03 Apr 2019 09:33

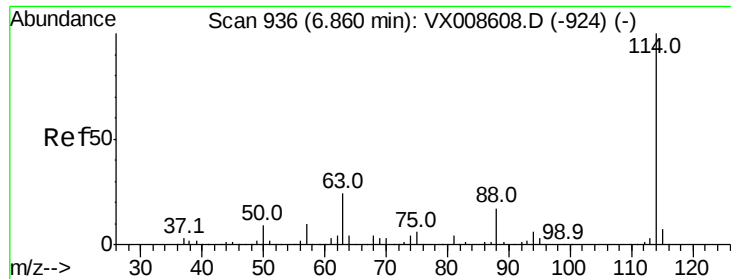
Tgt Ion: 65

Sig Exp Ratio

65 100

67 53.6





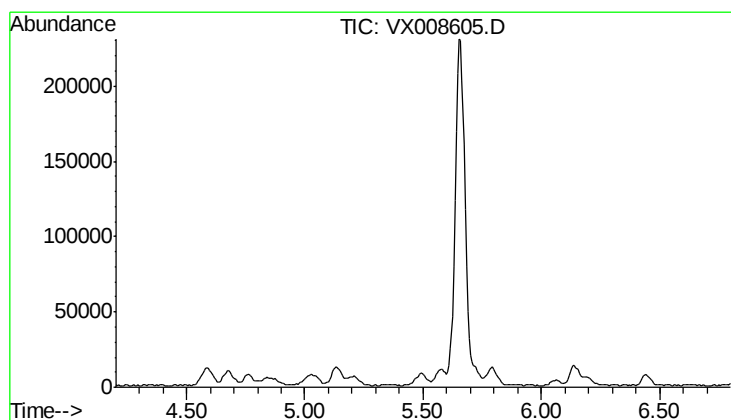
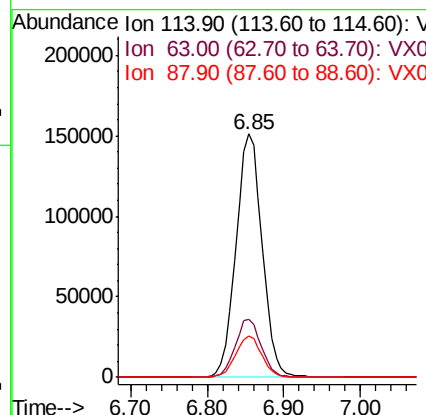
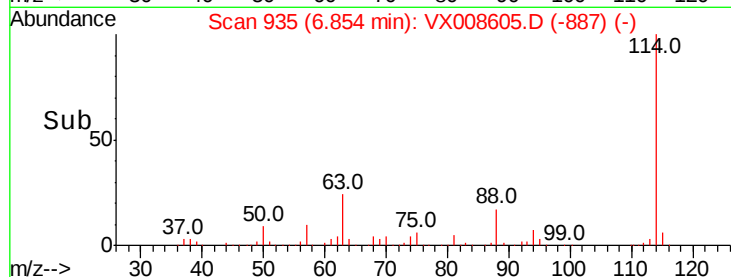
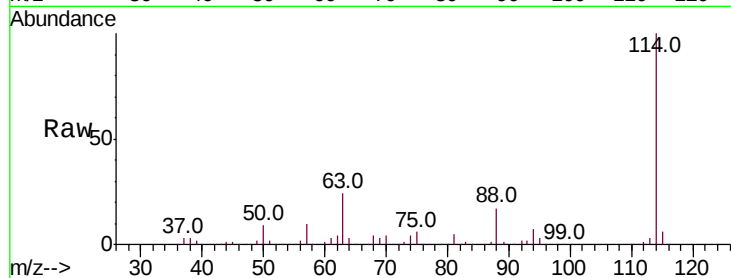
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	23.7	0.0	47.2
88	16.9	0.0	34.0

Manual Integrations
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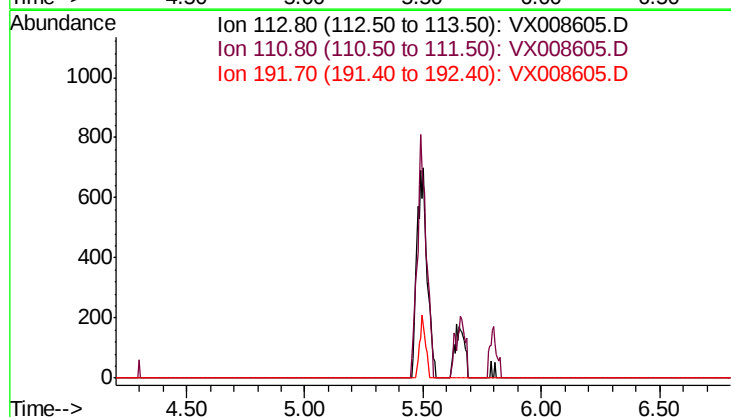
MMDadoda
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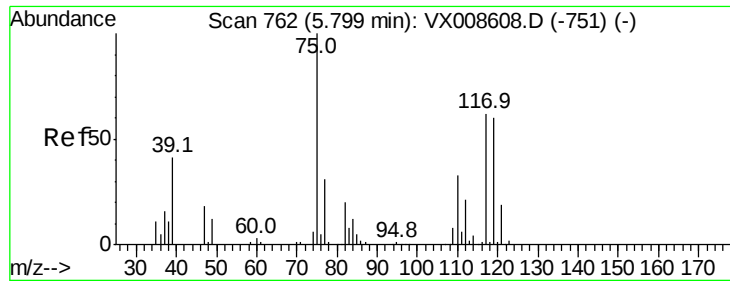


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 5.50 min

Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Tgt Ion	Exp Ratio
113	100
111	104.3
192	20.1





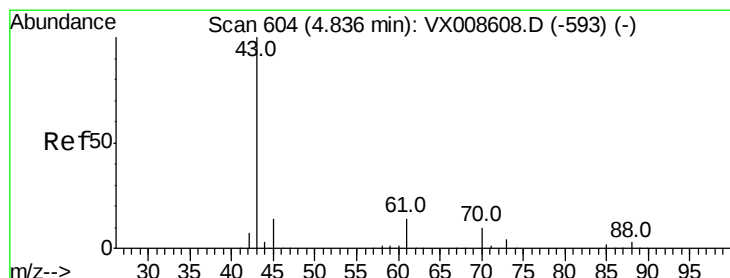
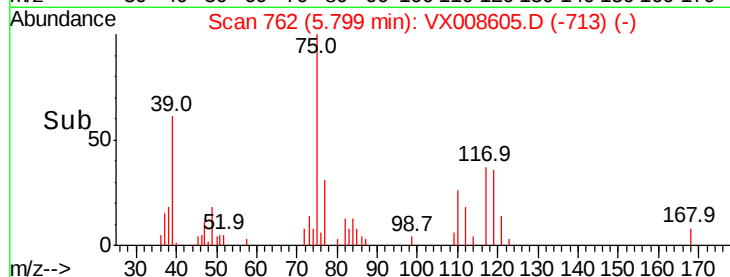
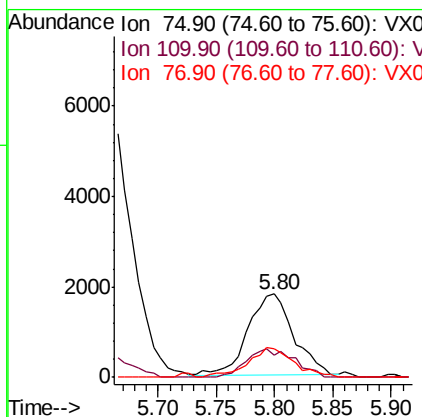
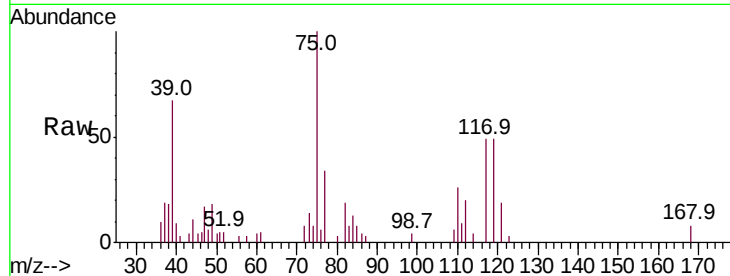
#36
 1,1-Dichloropropene
 Concen: 1.255 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.0	16.4	49.2
77	36.4	24.7	37.1

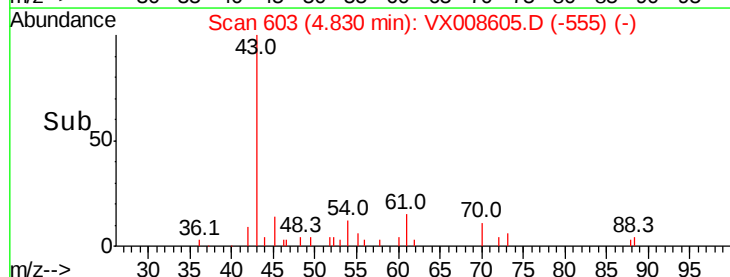
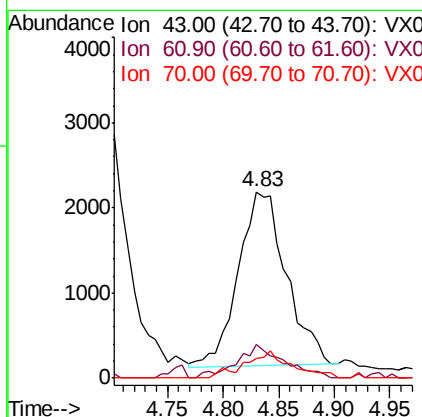
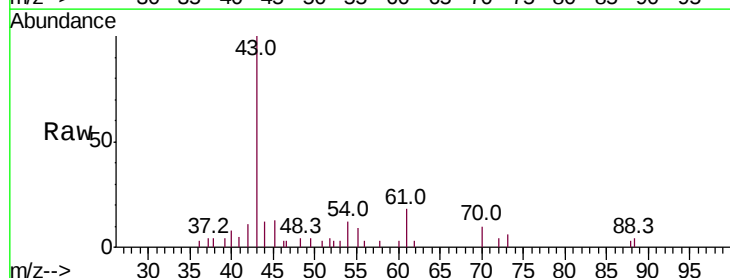
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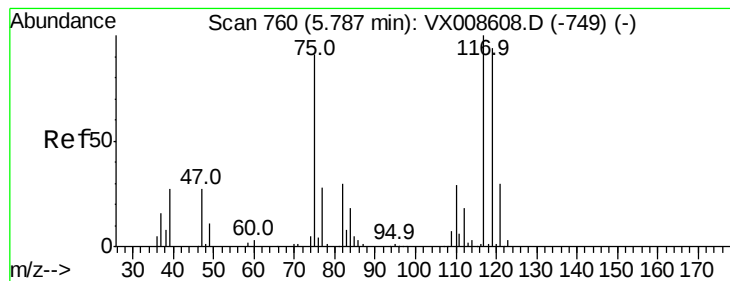
MMDadoda
 4/4/2019 3:38:06 PM



#37
 Ethyl Acetate
 Concen: 1.178 ug/l
 RT: 4.83 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.0	10.3	15.5#
70	14.9	7.6	11.4#





#38

Carbon Tetrachloride

Concen: 1.305 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

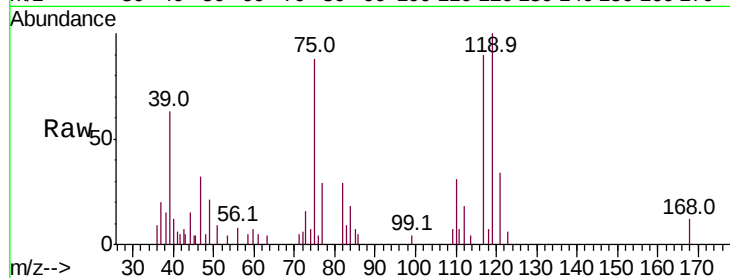
ClientSampled :

VSTDIC001

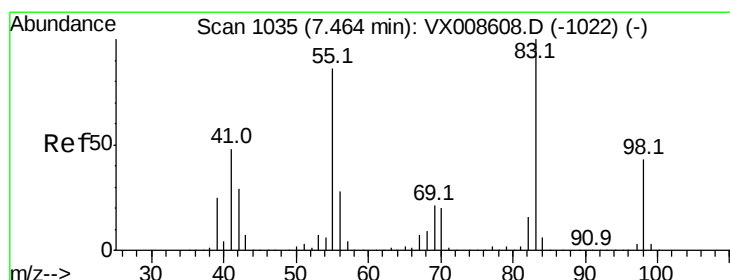
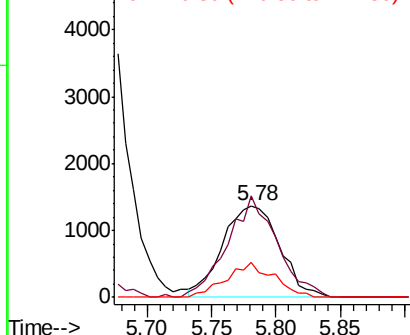
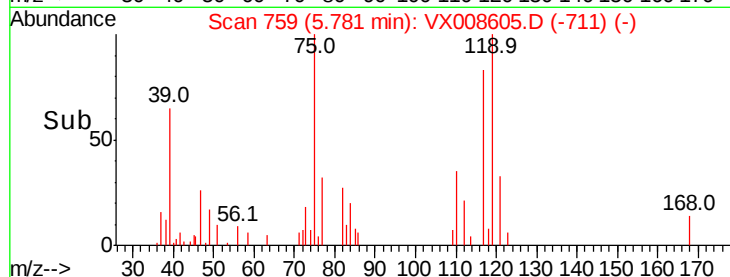
Tot Ion:	117	Resp:	4220
Ion	Ratio	Lower	Upper
117	100		
119	110.6	75.0	112.6
121	37.7	24.3	36.5#

Manual Integrations
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Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.409 ug/l

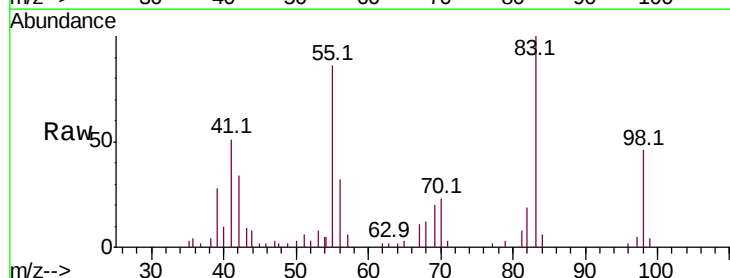
RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

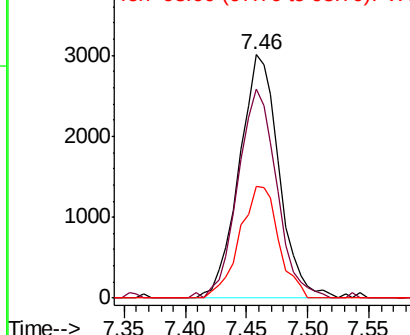
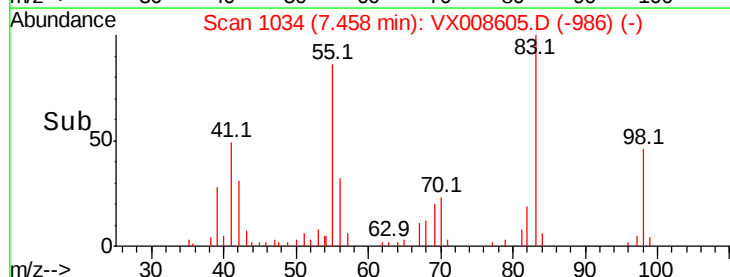
Lab File: VX008605.D

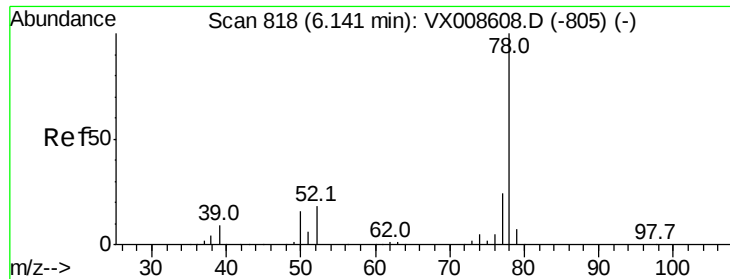
Acq: 03 Apr 2019 09:33

Tgt Ion:	83	Resp:	6801
Ion	Ratio	Lower	Upper
83	100		
55	86.1	69.0	103.6
98	46.1	34.4	51.6



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 1.339 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 15586

Ion Ratio Lower Upper

78 100

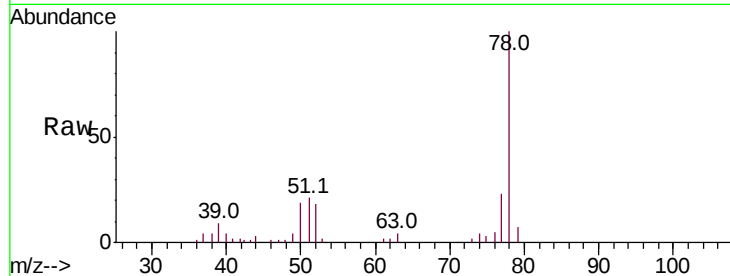
77 22.6 19.1 28.7

Manual Integrations

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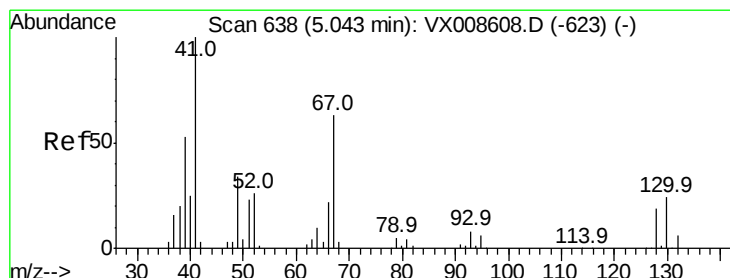
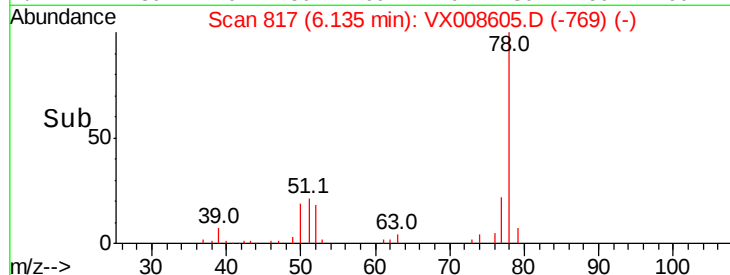
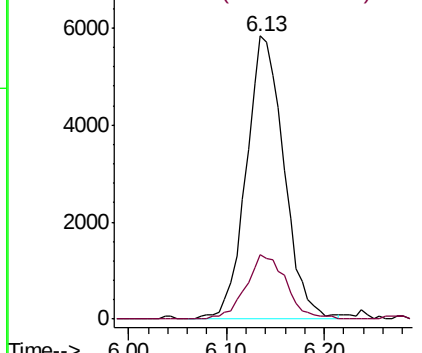
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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 1.369 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Tgt Ion: 41 Resp: 4103

Ion Ratio Lower Upper

41 100

39 53.7 42.1 63.1

67 66.0 51.0 76.6

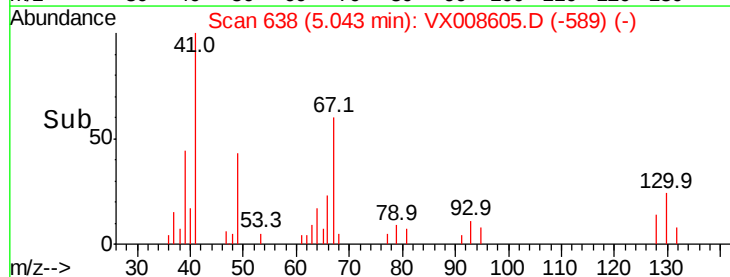
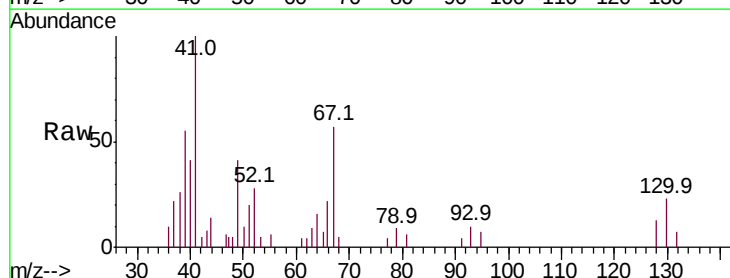
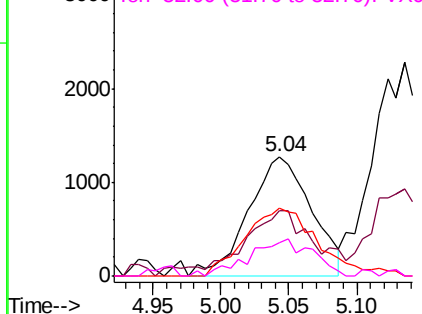
52 31.0 21.4 32.0

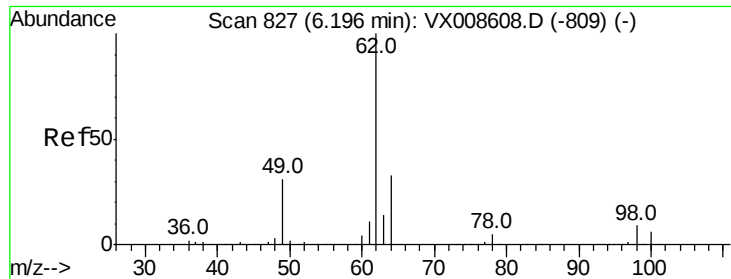
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





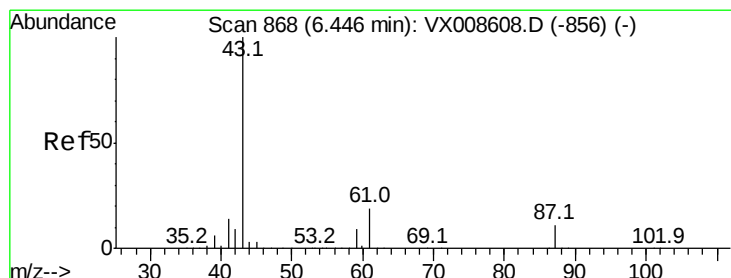
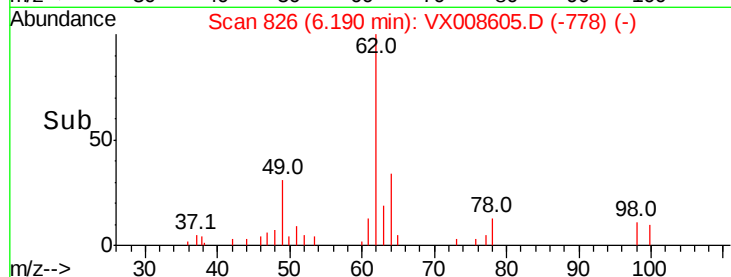
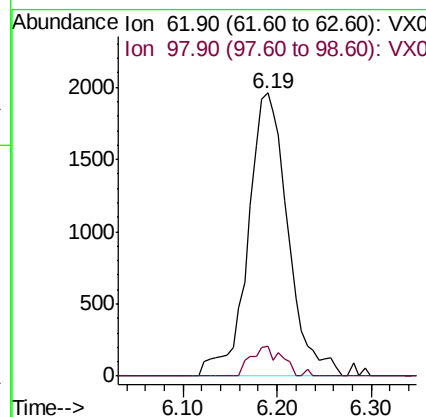
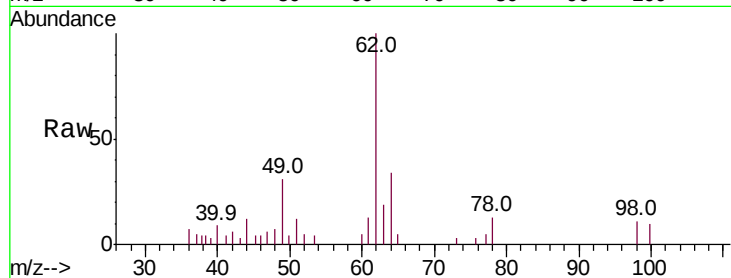
#42
 1,2-Dichloroethane
 Concen: 1.394 ug/l
 RT: 6.19 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	18.0

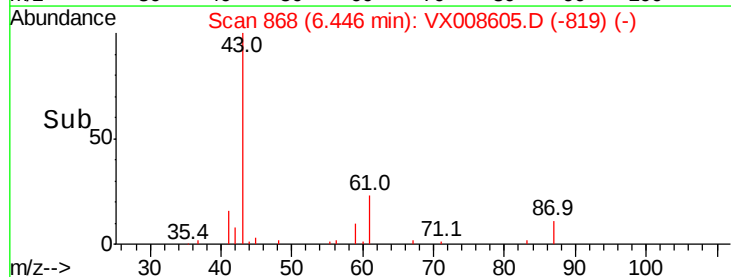
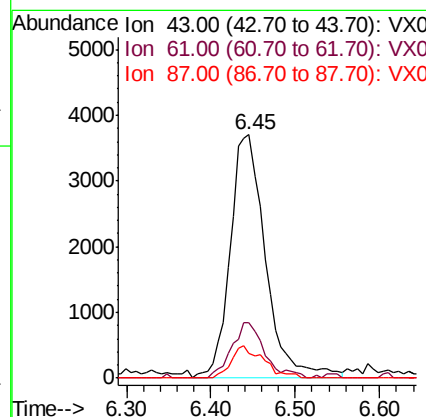
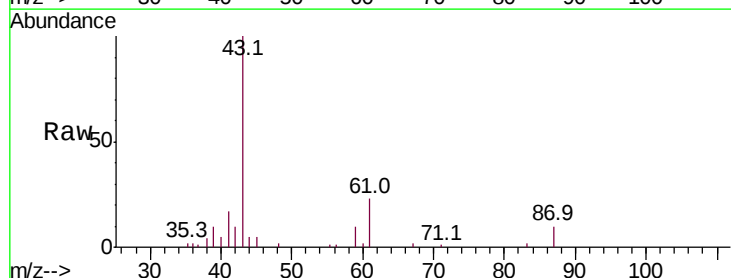
Manual Integrations
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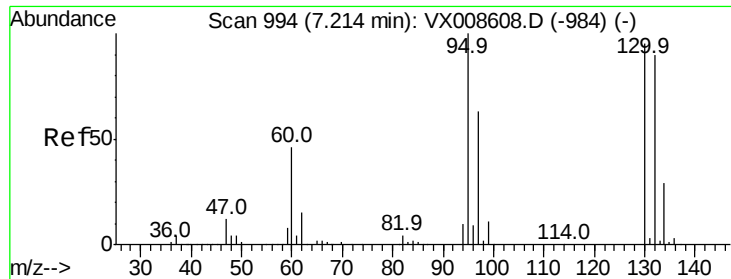
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#43
 Isopropyl Acetate
 Concen: 1.295 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.3	22.9
87	12.1	9.0	13.6





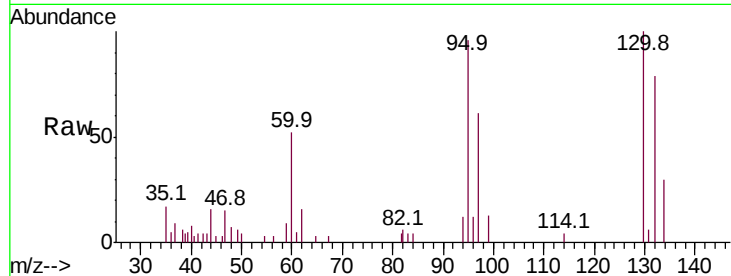
#44
 Trichloroethene
 Concen: 1.394 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

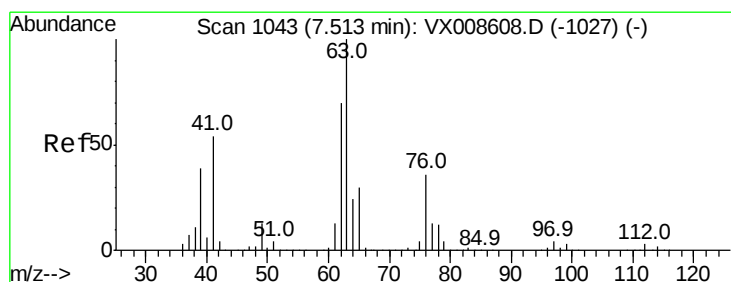
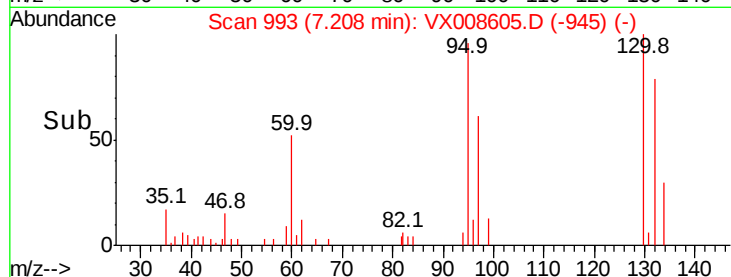
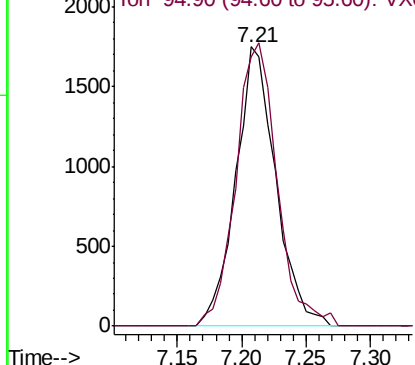
Tot Ion:130 Resp: 3777
 Ion Ratio Lower Upper
 130 100
 95 96.2 0.0 209.8

Manual Integrations
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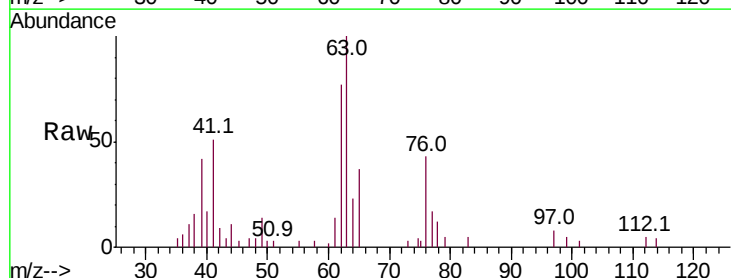


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

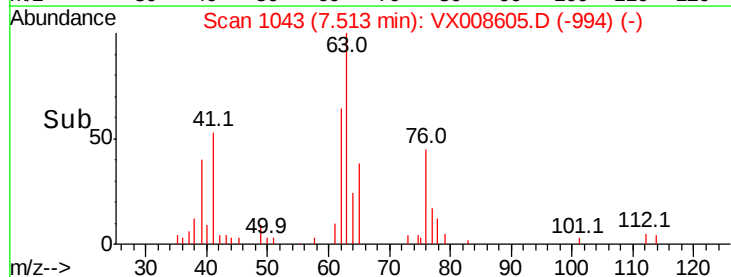
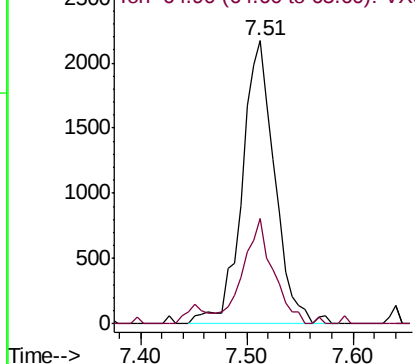


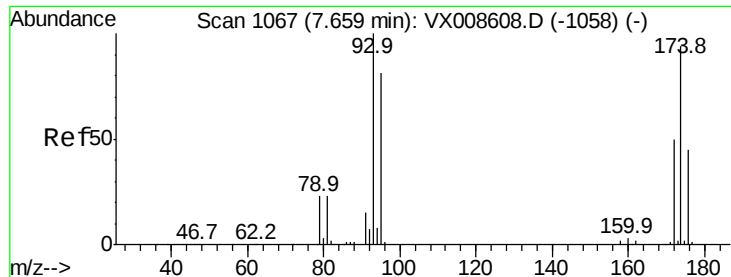
#45
 1,2-Dichloropropane
 Concen: 1.411 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Tgt Ion: 63 Resp: 4686
 Ion Ratio Lower Upper
 63 100
 65 37.3 24.2 36.4#



Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 64.90 (64.60 to 65.60): VX0





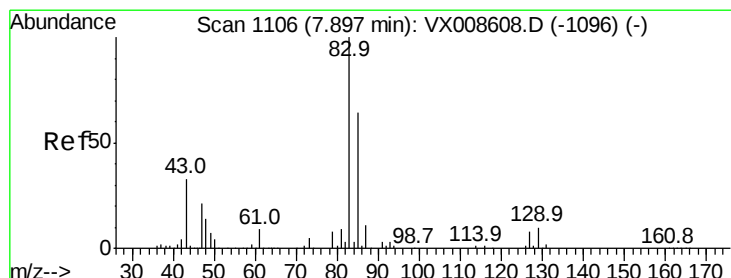
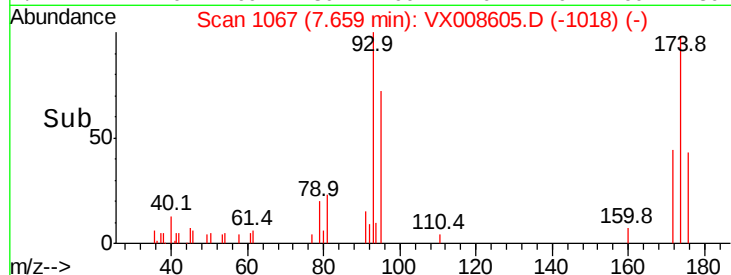
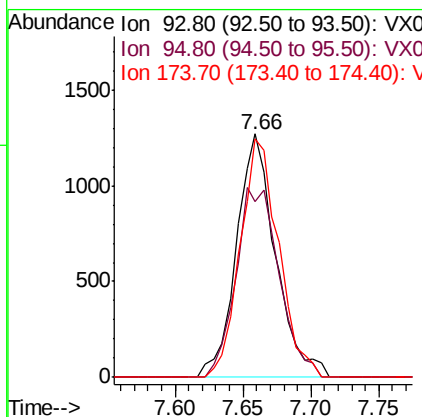
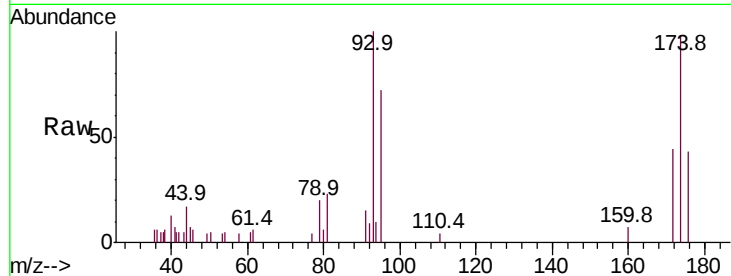
#46
Dibromomethane
Concen: 1.325 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 93 Resp: 2552
Ion Ratio Lower Upper
93 100
95 86.1 66.6 99.8
174 96.6 77.7 116.5

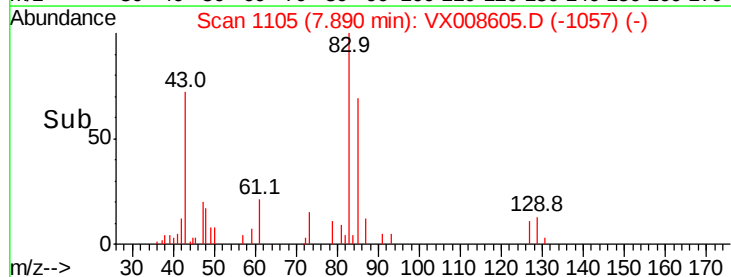
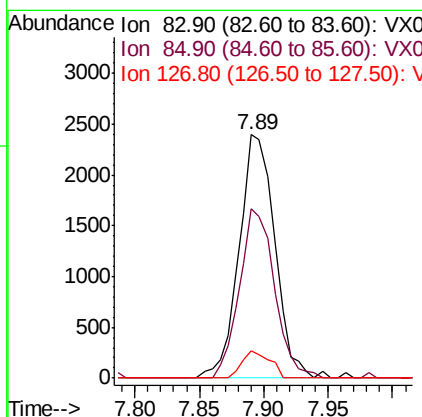
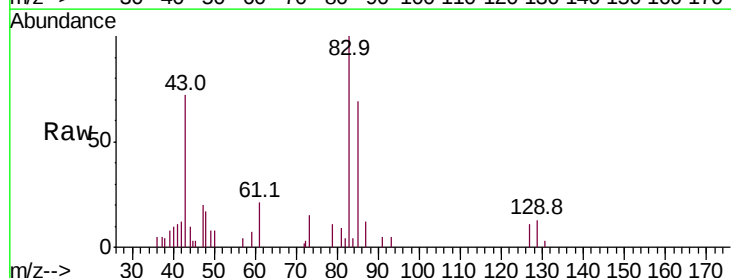
Manual Integrations
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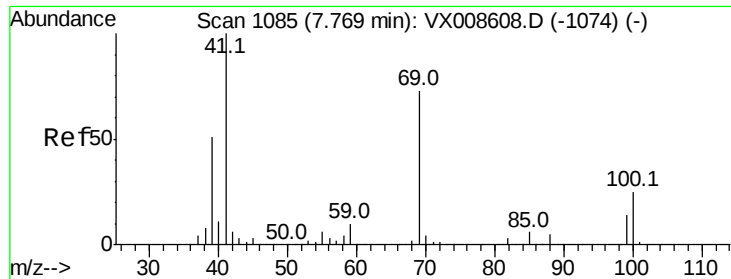
MMDadoda
4/4/2019 3:38:06 PM



#47
Bromodichloromethane
Concen: 1.272 ug/l
RT: 7.89 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Tgt Ion: 83 Resp: 4621
Ion Ratio Lower Upper
83 100
85 69.4 51.2 76.8
127 11.1 6.6 10.0#





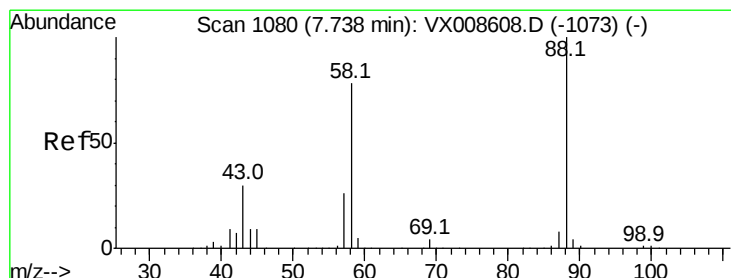
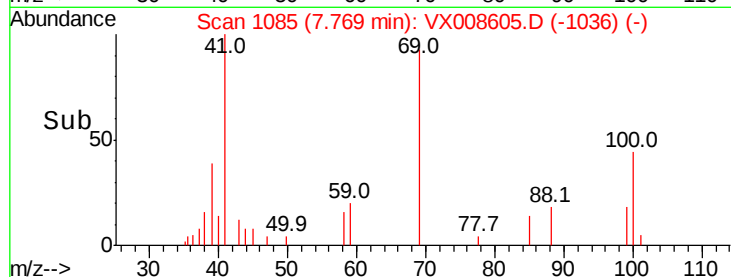
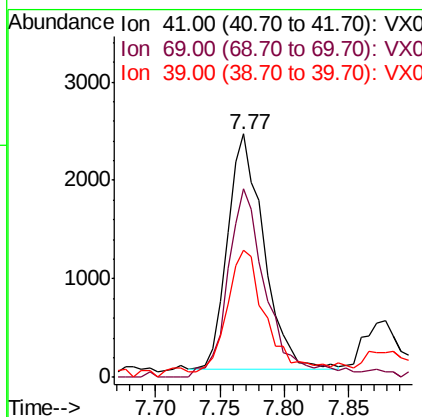
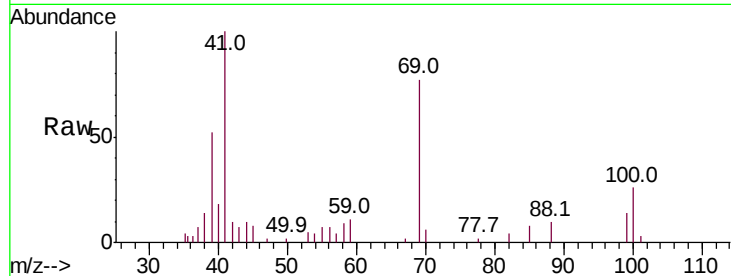
#48
Methvl methacrylate
Concen: 1.135 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	85.9	59.0	88.4
39	55.0	41.0	61.4

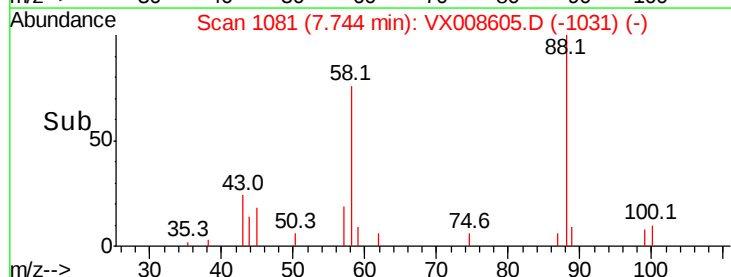
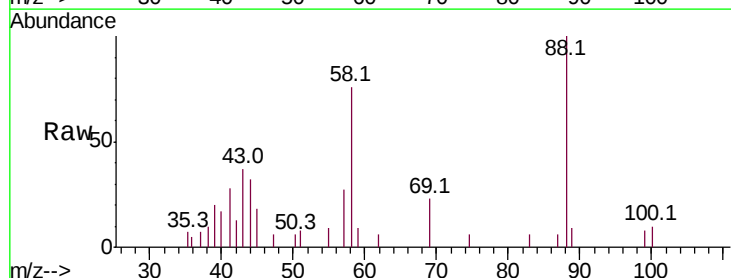
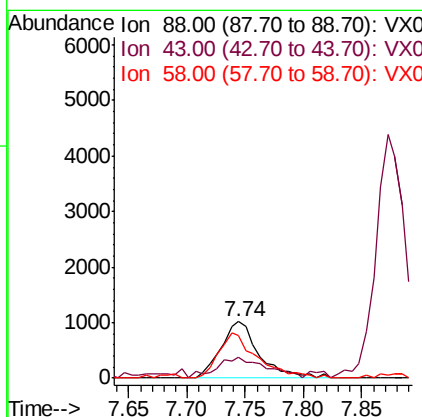
Manual Integrations
APPROVED

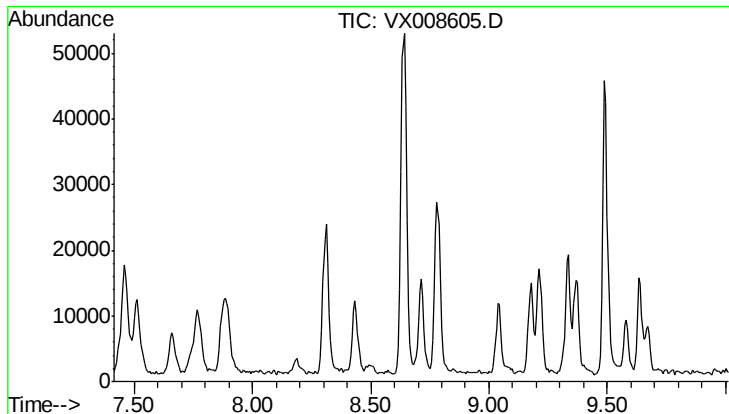
MMDadoda
4/4/2019 3:38:06 PM



#49
1,4-Dioxane
Concen: 29.420 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Tgt Ion	Ratio	Lower	Upper
88	100		
43	48.3	28.6	43.0#
58	82.0	62.2	93.2





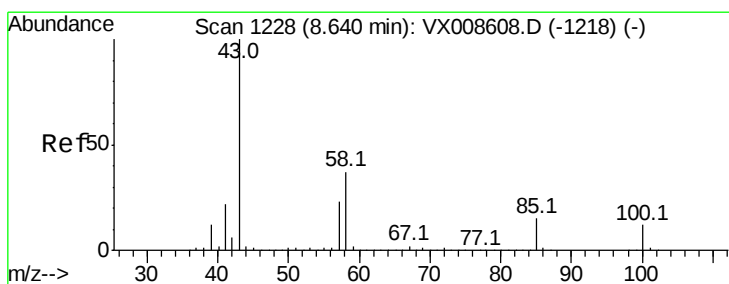
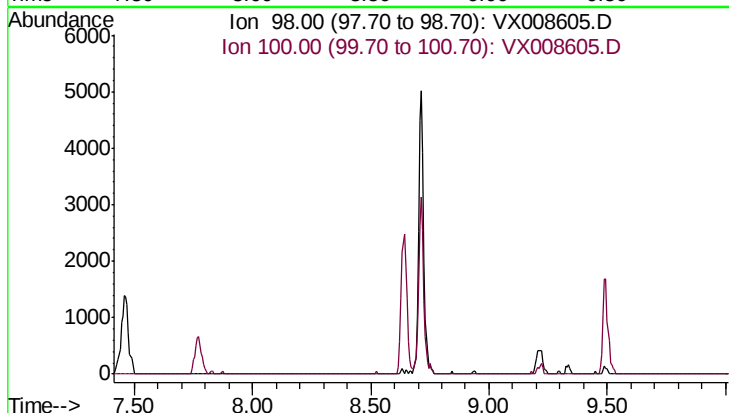
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.71 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Tot Ion: 98
Sig Exp Ratio
98 100
100 64.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

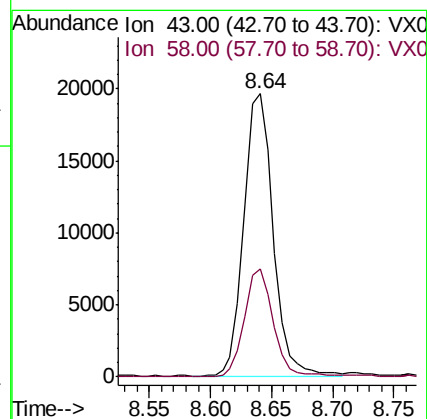
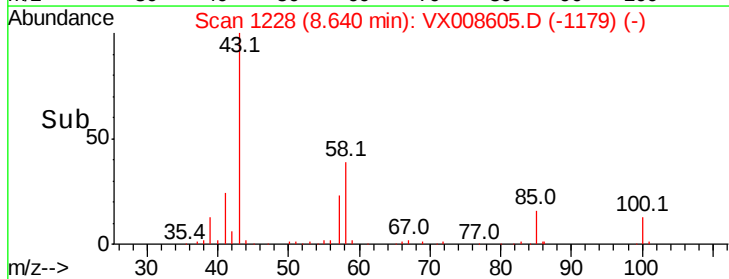
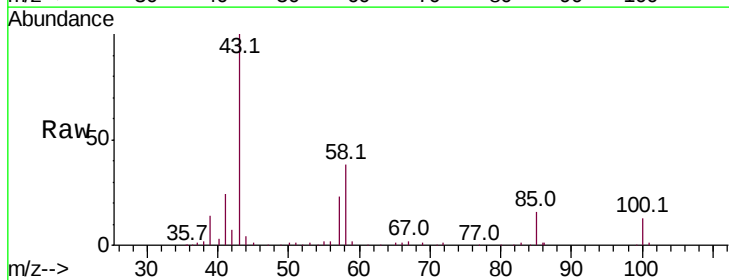
Manual Integrations
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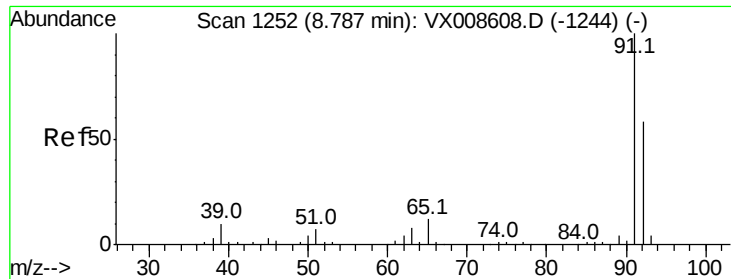
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 6.197 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Tgt Ion: 43 Resp: 32582
Ion Ratio Lower Upper
43 100
58 37.8 29.5 44.3





#52

Toluene

Concen: 1.348 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 9251

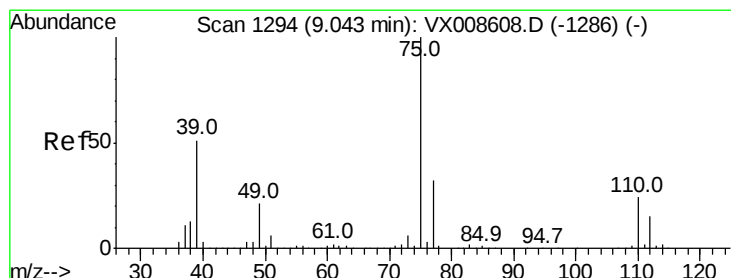
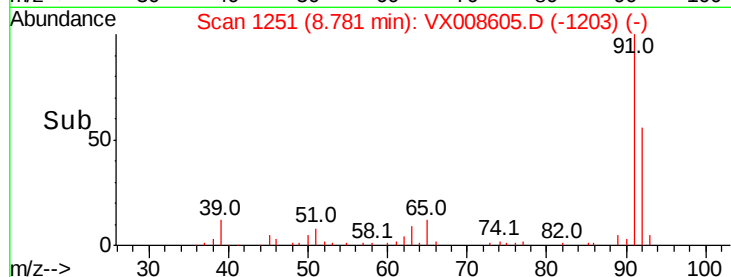
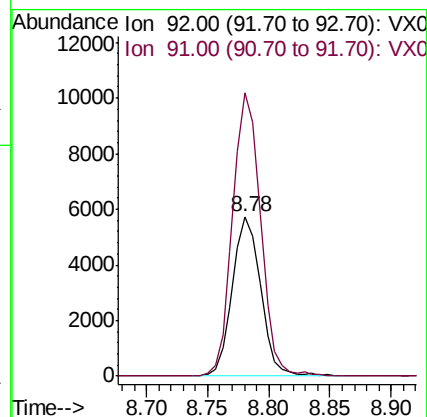
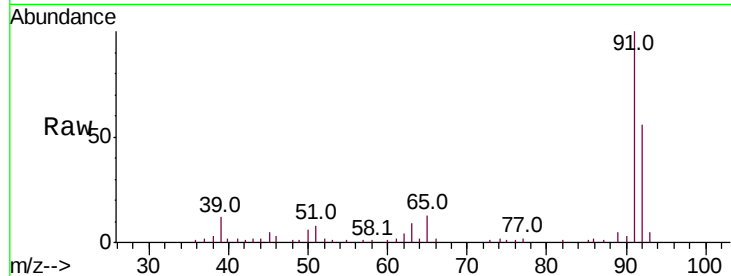
Ion Ratio Lower Upper

92 100

91 174.4 138.5 207.7

Manual Integrations
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4/4/2019 3:38:06 PM



#53

t-1,3-Dichloropropene

Concen: 1.187 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008605.D

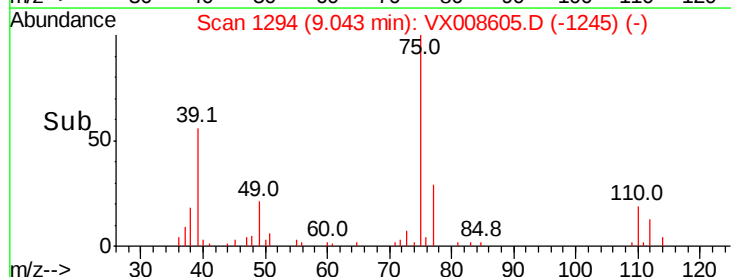
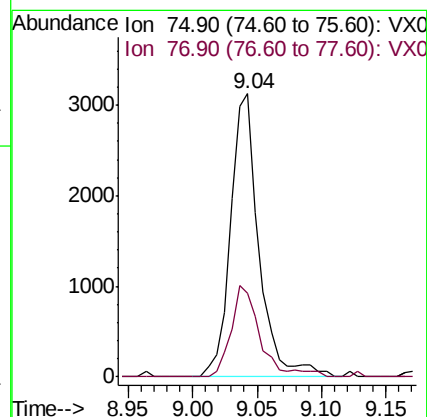
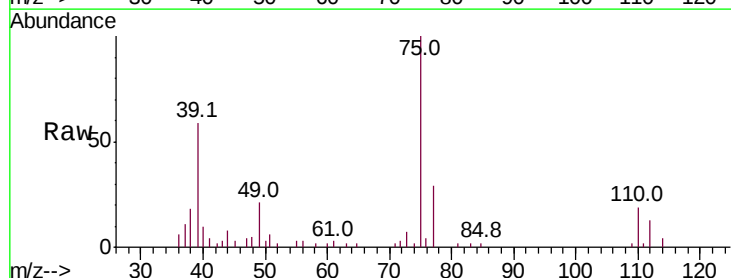
Acq: 03 Apr 2019 09:33

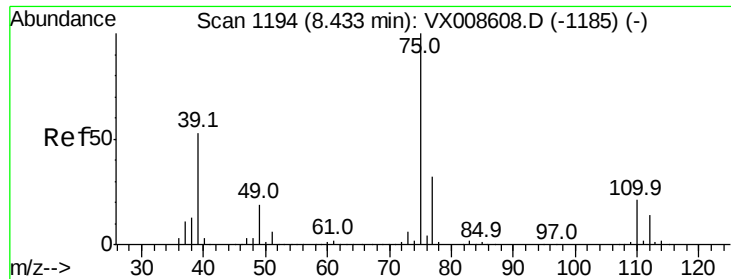
Tgt Ion: 75 Resp: 4830

Ion Ratio Lower Upper

75 100

77 29.4 25.2 37.8





#54

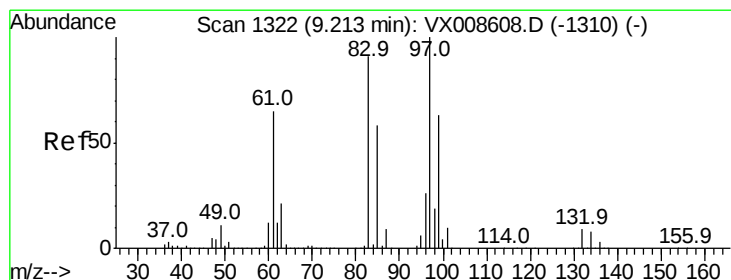
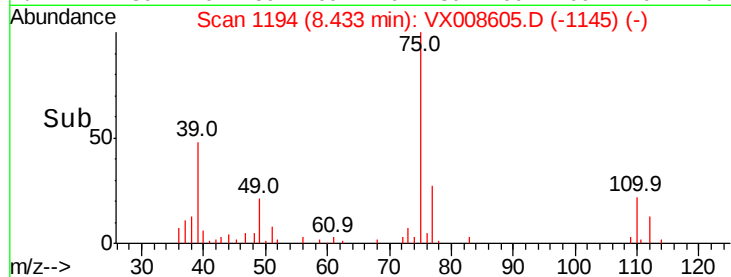
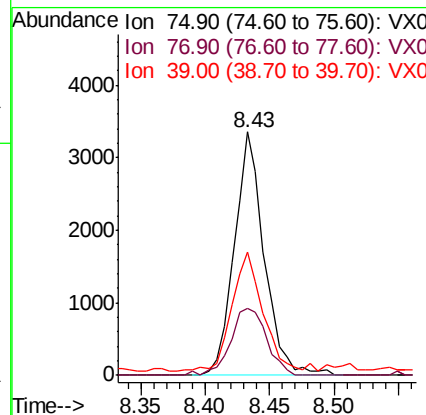
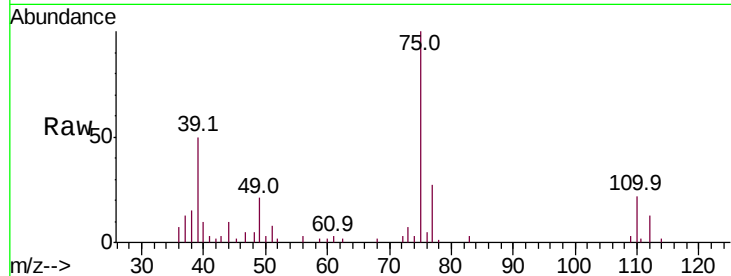
cis-1,3-Dichloropropene
 Concen: 1.167 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	27.4	25.3	37.9
39	48.0	42.6	63.8

Manual Integrations
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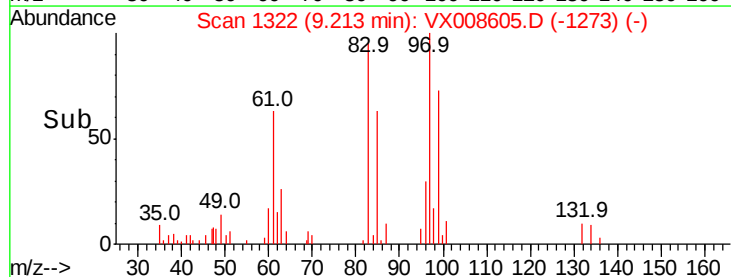
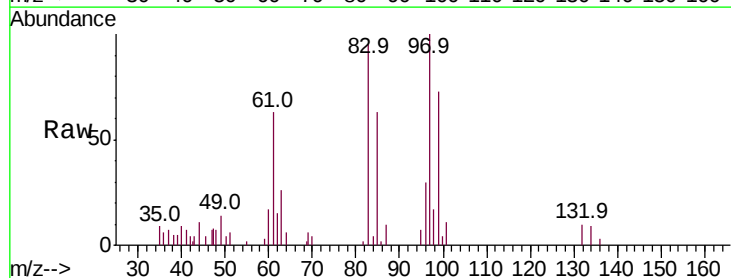
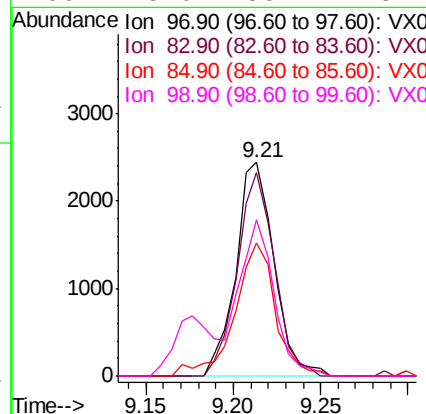
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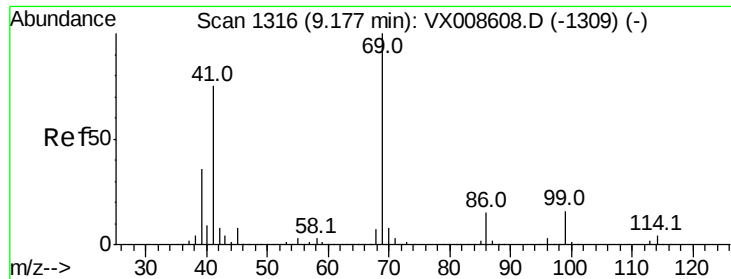


#55

1,1,2-Trichloroethane
 Concen: 1.351 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Tgt Ion	Ratio	Lower	Upper
97	100		
83	95.0	73.2	109.8
85	62.6	46.6	69.8
99	73.0	50.1	75.1





#56

Ethyl methacrylate

Concen: 1.203 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

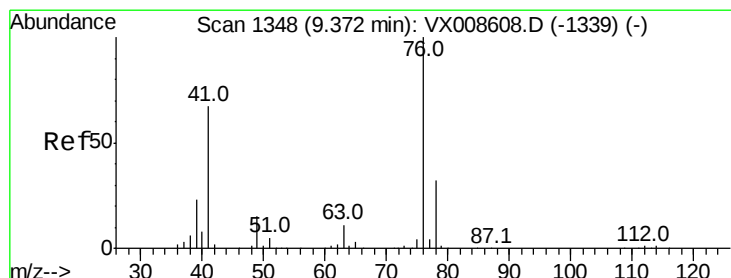
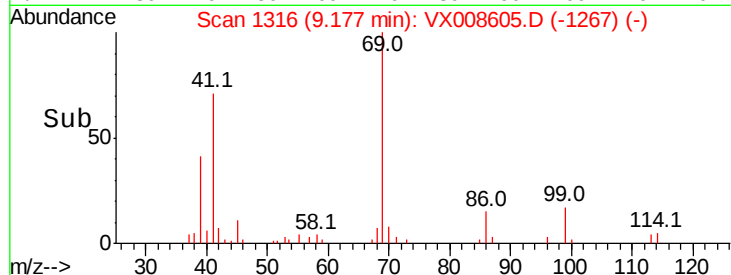
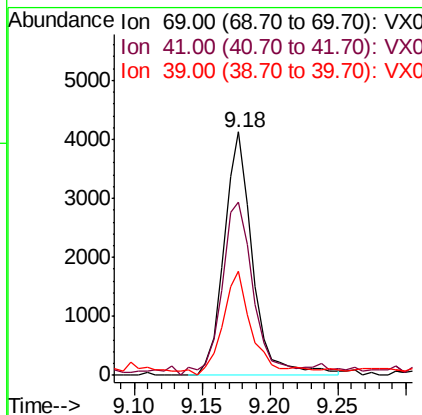
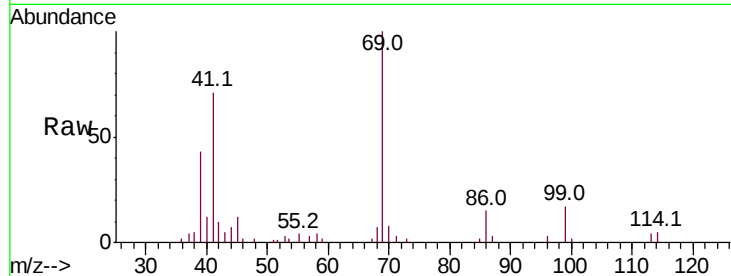
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	5993
Ion Ratio	Lower	Upper	
69	100		
41	78.3	60.1	90.1
39	45.4	28.9	43.3#

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 1.436 ug/l

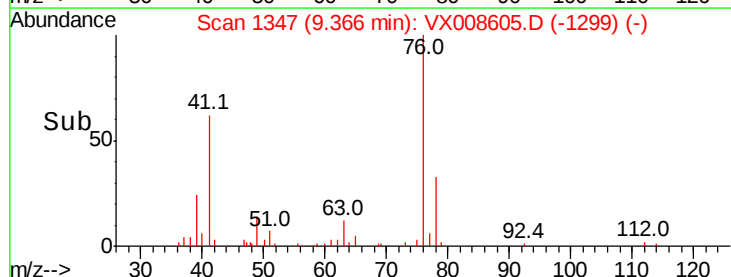
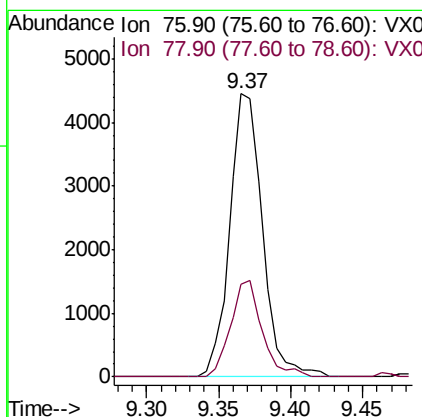
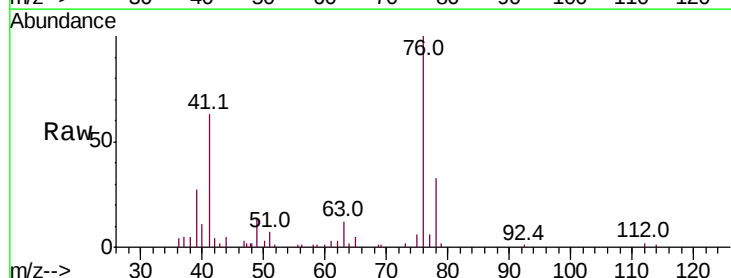
RT: 9.37 min Scan# 1347

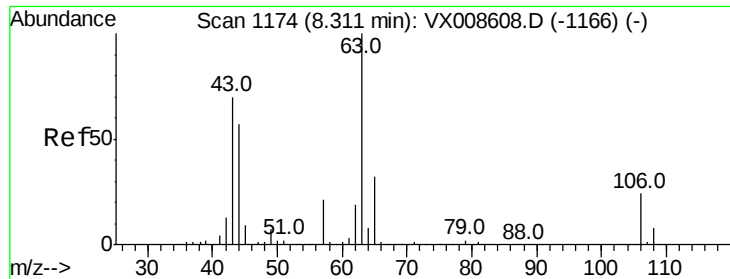
Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Tgt Ion:	76	Resp:	7100
Ion Ratio	Lower	Upper	
76	100		
78	32.7	25.6	38.4





#58

2-Chloroethyl Vinyl ether

Concen: 3.564 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 9067

Ion Ratio Lower Upper

63 100

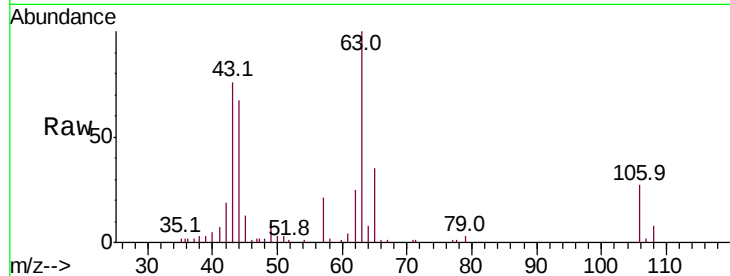
106 25.1 19.0 28.6

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4/4/2019 3:38:06 PM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

6000

5000

4000

3000

2000

1000

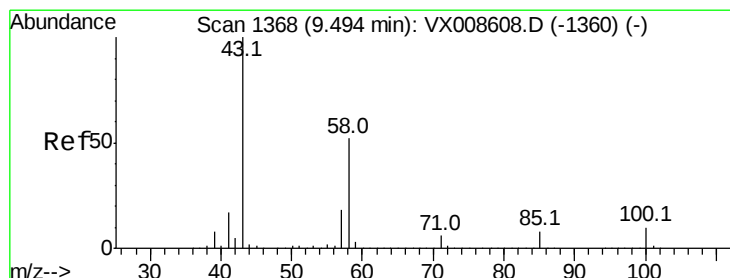
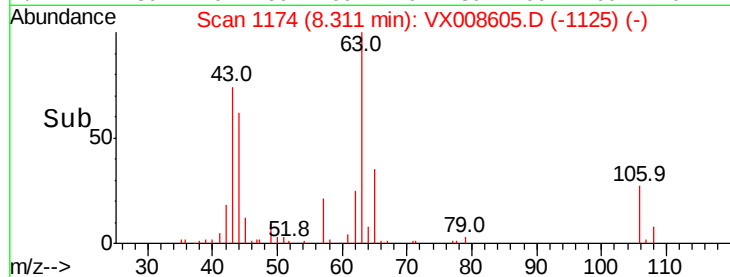
0

8.20

8.30

8.40

Time-->



#59

2-Hexanone

Concen: 6.207 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VX008605.D

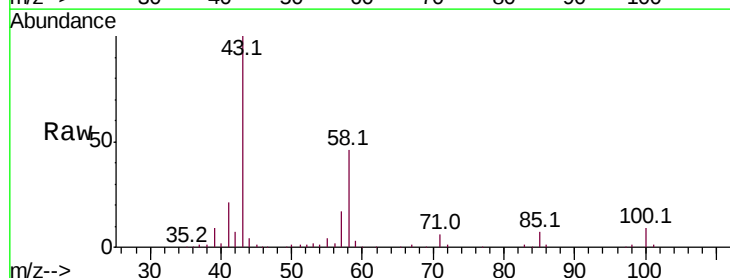
Acq: 03 Apr 2019 09:33

Tgt Ion: 43 Resp: 25364

Ion Ratio Lower Upper

43 100

58 50.8 25.9 77.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

20000

15000

10000

5000

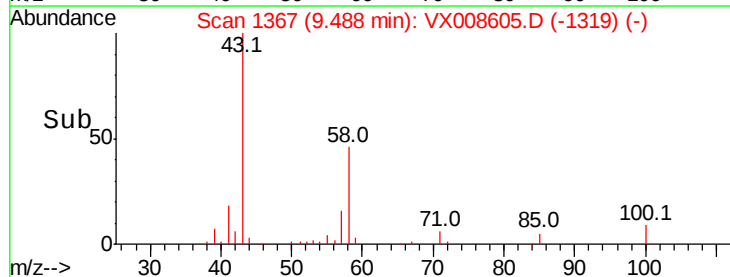
0

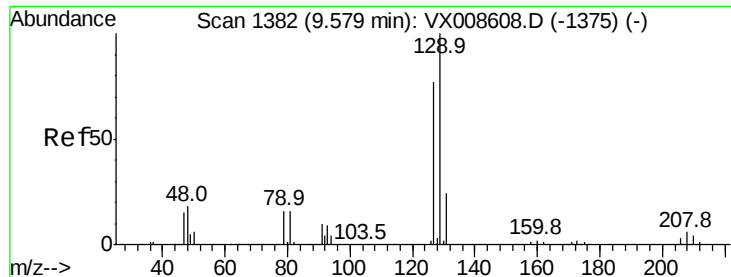
9.40

9.50

9.60

Time-->





#60

Dibromochloromethane

Concen: 1.181 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 3065

Ion Ratio Lower Upper

129 100

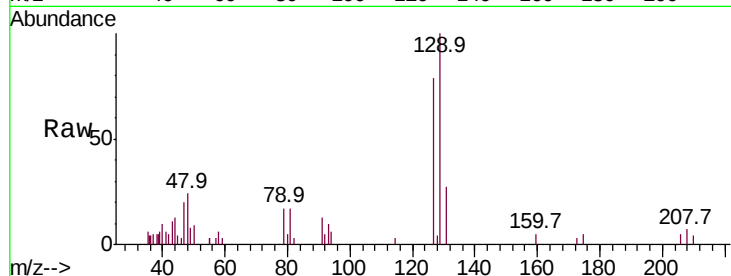
127 78.4 38.5 115.3

Manual Integrations

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

1500

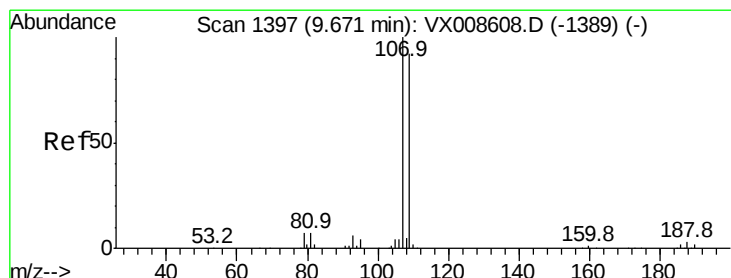
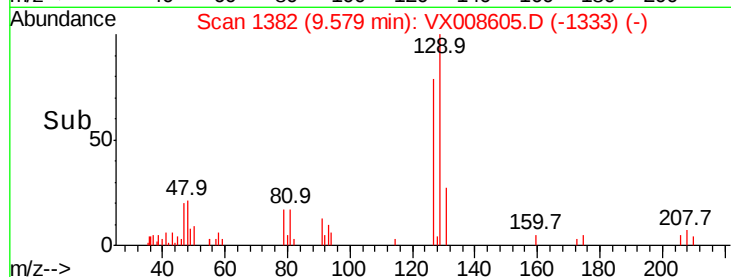
1000

500

0

9.55 9.60

Time-->



#61

1,2-Dibromoethane

Concen: 1.331 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008605.D

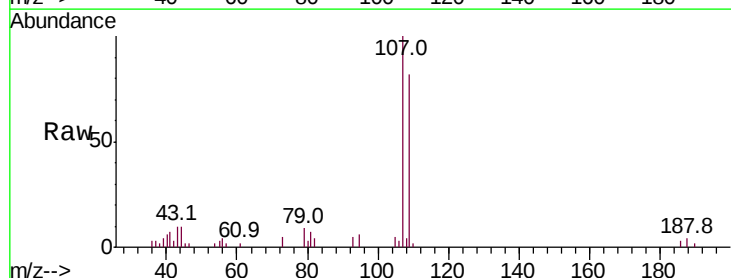
Acq: 03 Apr 2019 09:33

Tgt Ion:107 Resp: 3817

Ion Ratio Lower Upper

107 100

109 89.0 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

3000

2500

2000

1500

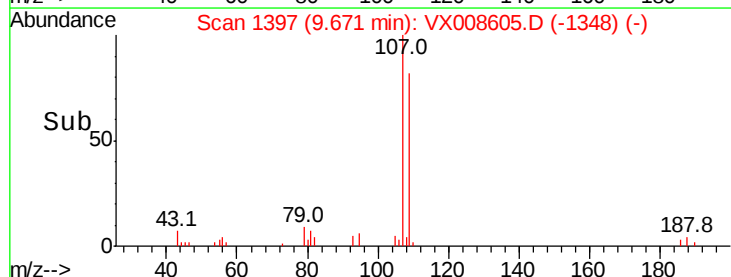
1000

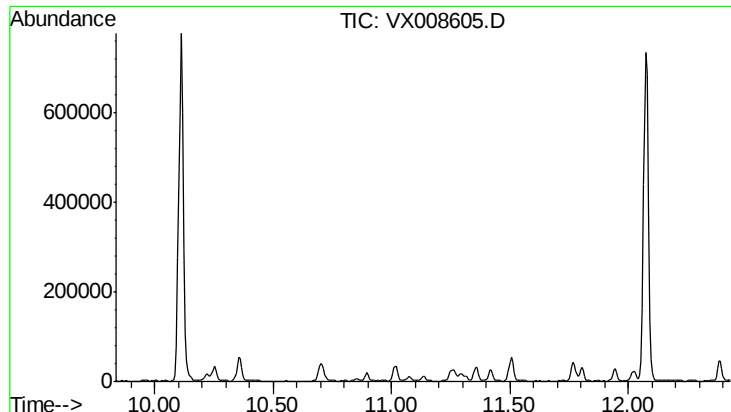
500

0

9.60 9.65 9.70 9.75

Time-->





#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 11.13 min

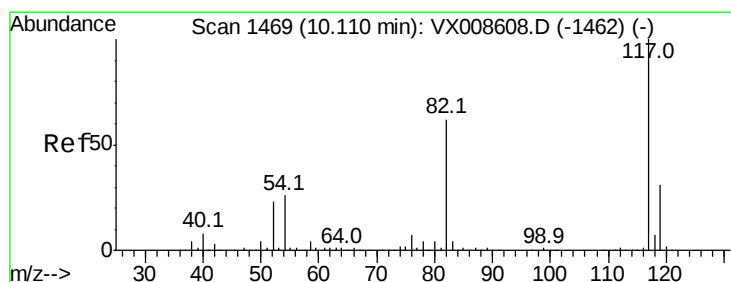
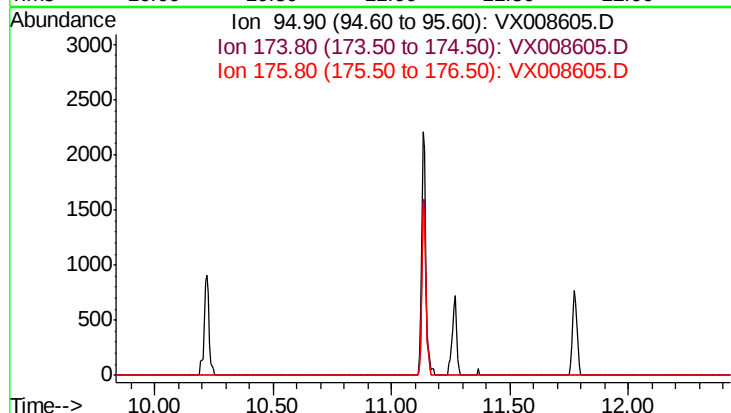
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 95
Sig Exp Ratio
95 100
174 75.9
176 72.9

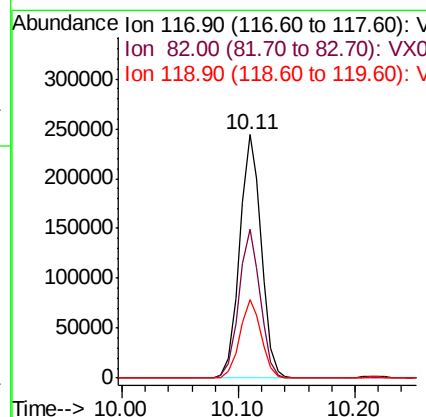
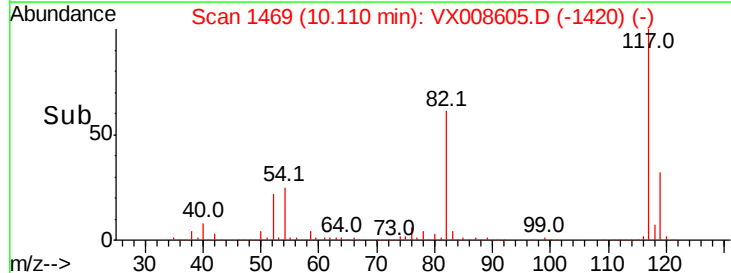
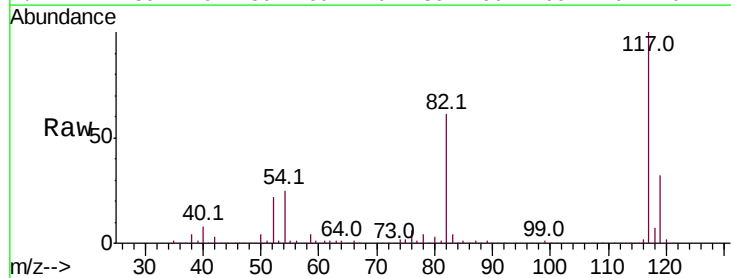
Manual Integrations
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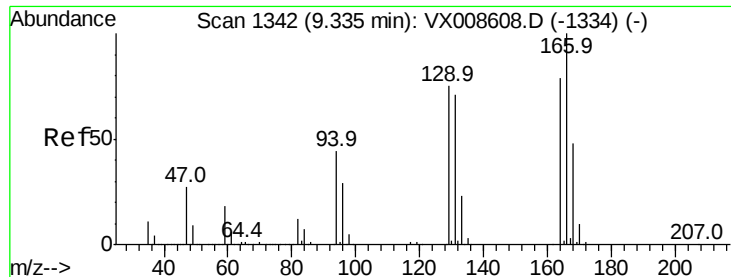
MMDadoda
4/4/2019 3:38:06 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Tgt Ion:117 Resp: 315264
Ion Ratio Lower Upper
117 100
82 61.3 49.6 74.4
119 32.5 25.0 37.4





#64

Tetrachloroethene

Concen: 1.370 ug/l

RT: 9.33 min Scan# 1341

Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 3199

Ion Ratio Lower Upper

164 100

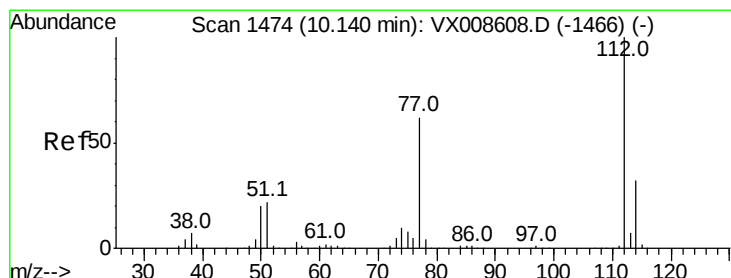
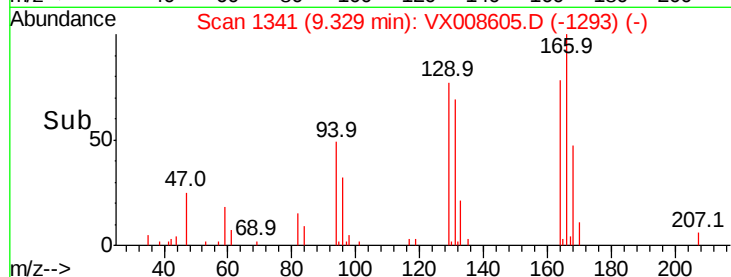
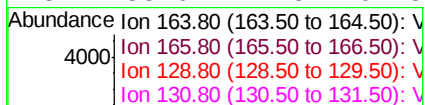
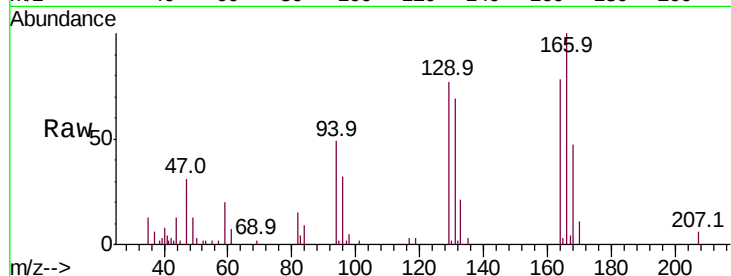
166 127.7 101.0 151.6

129 98.6 75.8 113.8

131 88.6 71.8 107.8

Manual Integrations
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#65

Chlorobenzene

Concen: 1.319 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX008605.D

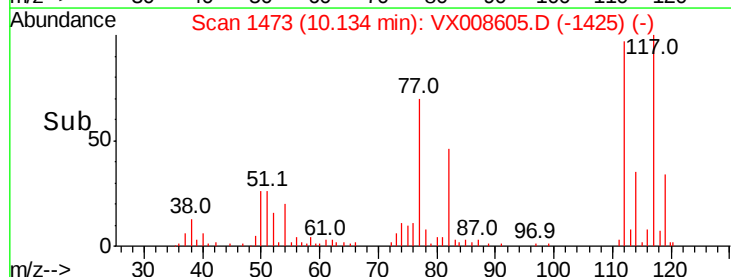
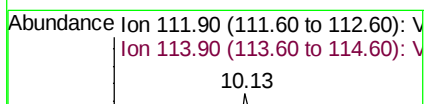
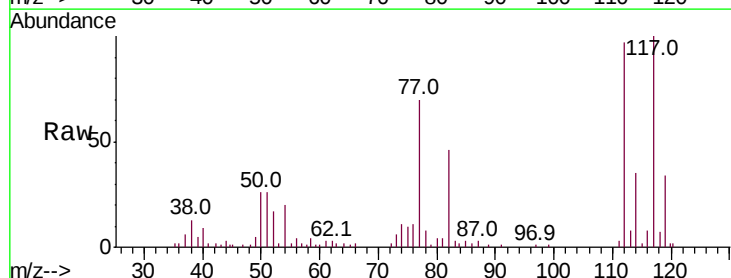
Acq: 03 Apr 2019 09:33

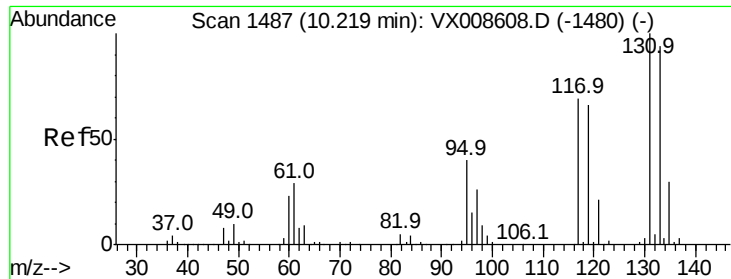
Tgt Ion:112 Resp: 9221

Ion Ratio Lower Upper

112 100

114 36.3 25.8 38.8





#66

1,1,1,2-Tetrachloroethane

Concen: 1.198 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:131 Resp: 2937

Ion Ratio Lower Upper

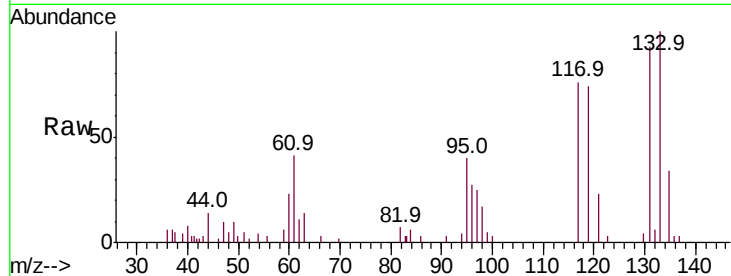
131 100

133 104.3 47.0 141.2

119 0.0 33.7 101.0#

Manual Integrations
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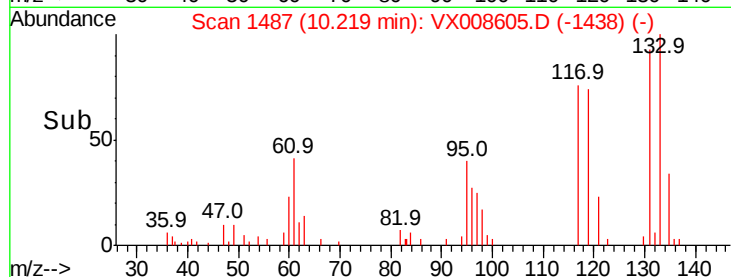


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

Time-->

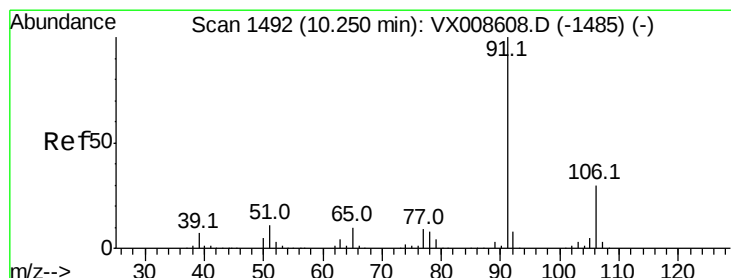


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

Time-->



#67

Ethyl Benzene

Concen: 1.328 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008605.D

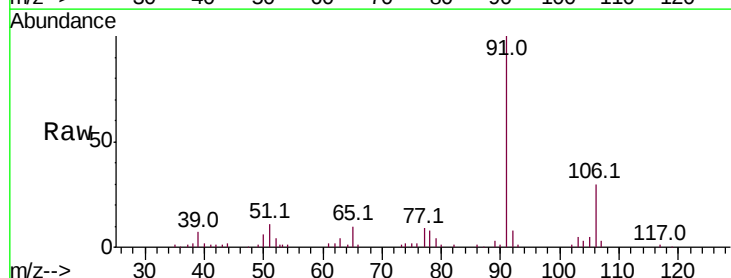
Acq: 03 Apr 2019 09:33

Tgt Ion: 91 Resp: 17311

Ion Ratio Lower Upper

91 100

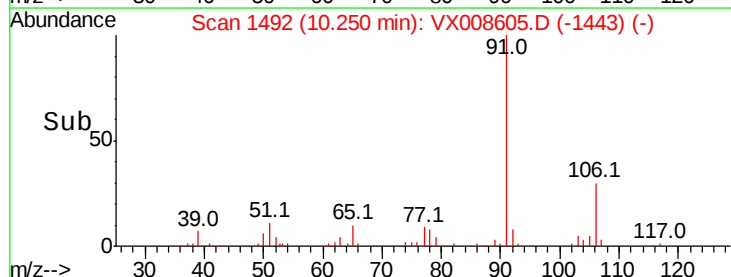
106 30.1 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

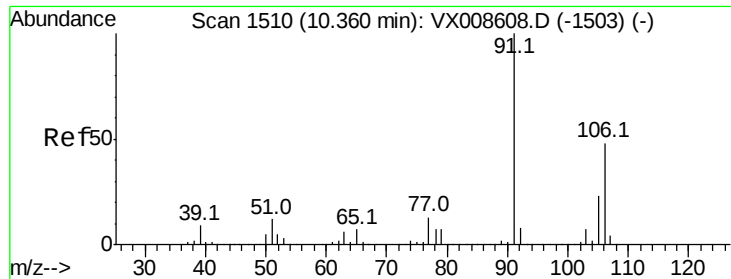
Time-->



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

Time-->



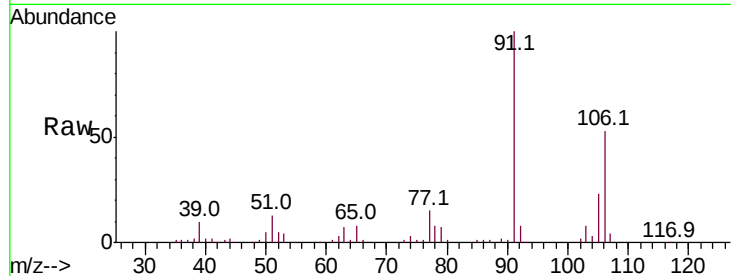
#68
m/p-Xylenes
Concen: 2.620 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

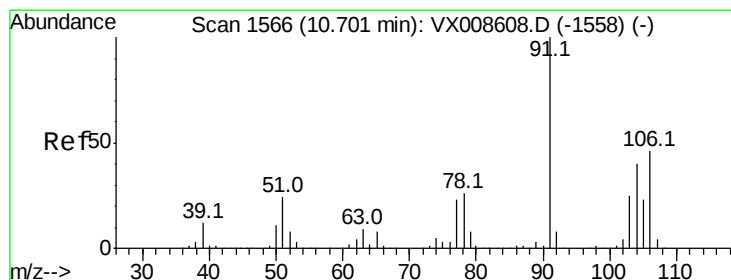
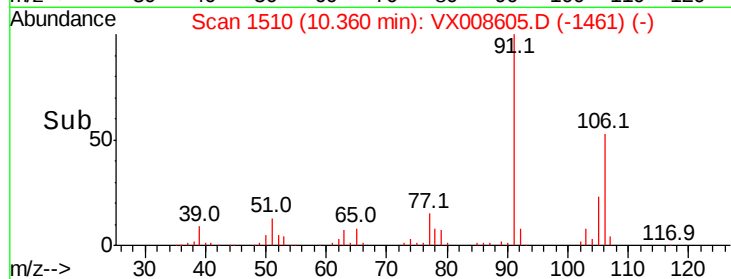
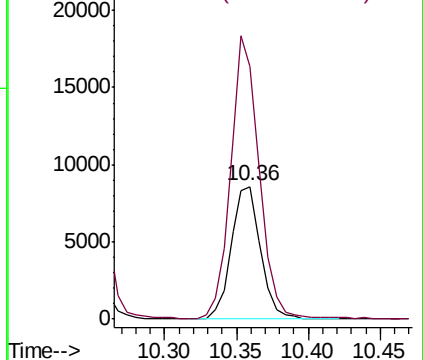
Tot Ion:106 Resp: 12274
Ion Ratio Lower Upper
106 100
91 209.0 168.5 252.7

Manual Integrations
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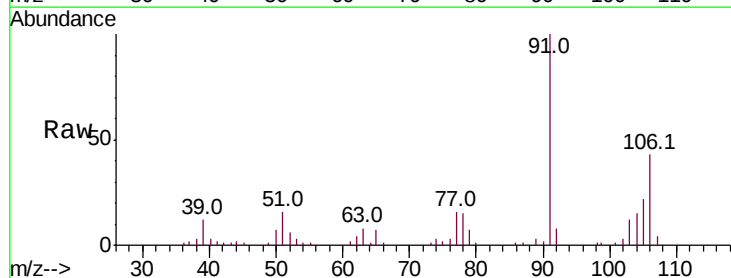


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

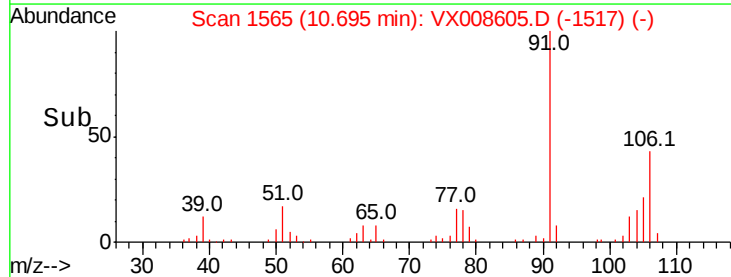
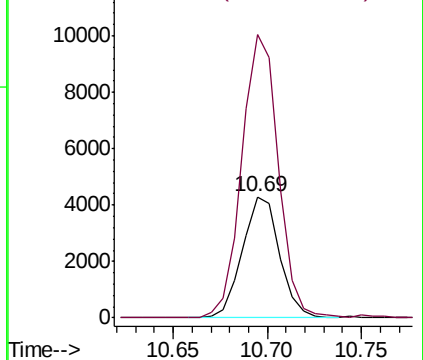


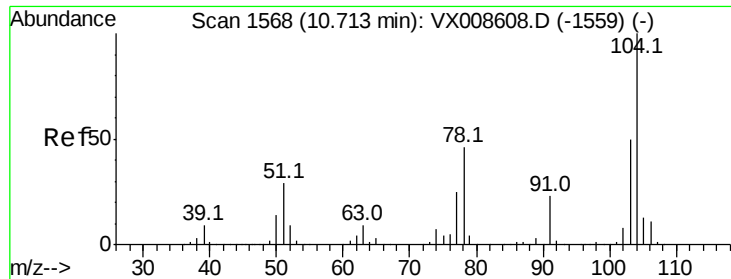
#69
o-Xylene
Concen: 1.301 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Tgt Ion:106 Resp: 5909
Ion Ratio Lower Upper
106 100
91 228.6 111.5 334.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 1.234 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

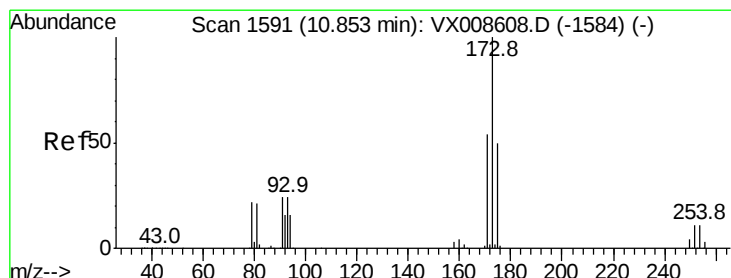
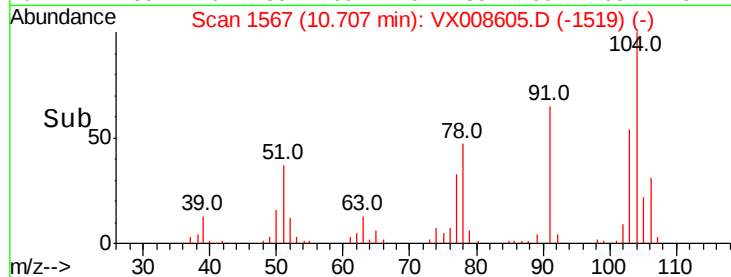
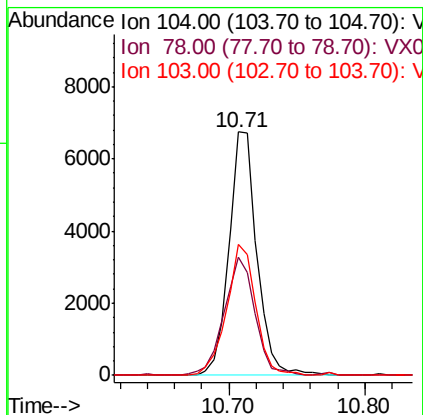
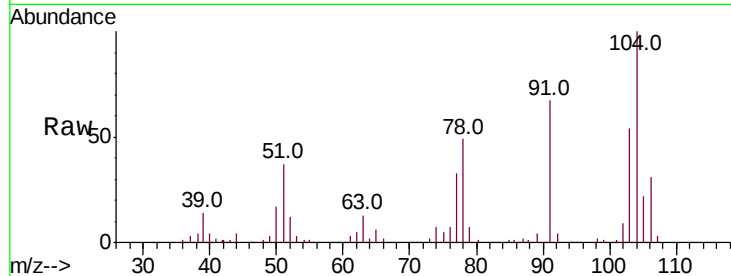
ClientSampled :

VSTDIC001

Tot Ion:	104	Resp:	9661
Ion	Ratio	Lower	Upper
104	100		
78	53.4	42.3	63.5
103	55.7	44.4	66.6

Manual Integrations
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#71

Bromoform

Concen: 1.132 ug/l

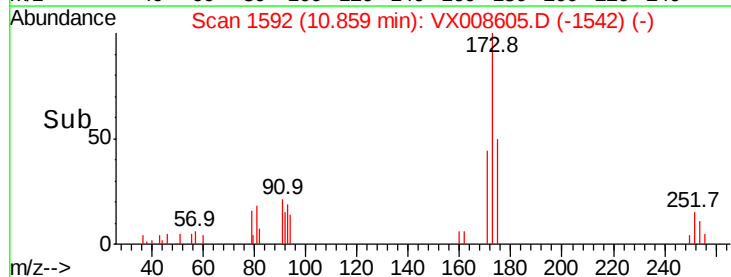
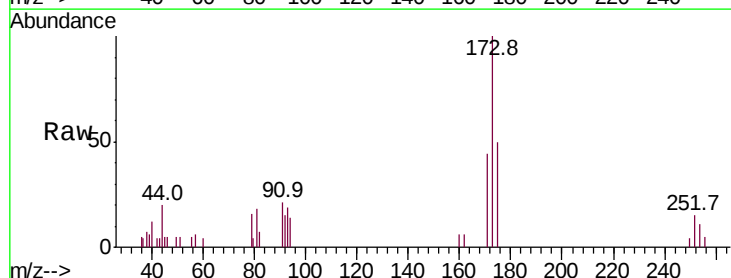
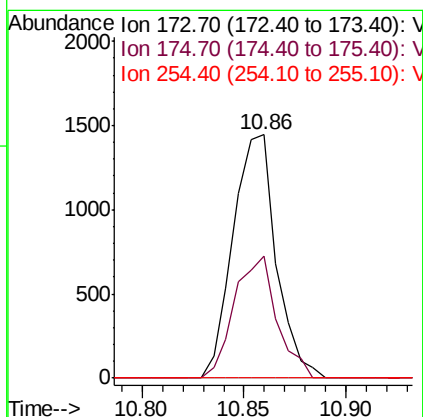
RT: 10.86 min Scan# 1592

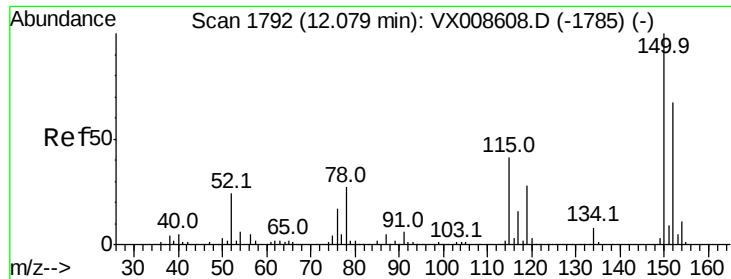
Delta R.T. 0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Tgt Ion:	173	Resp:	2120
Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.9	74.6
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 141576

Ion Ratio Lower Upper

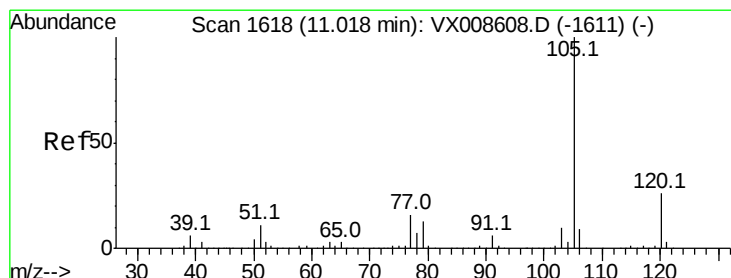
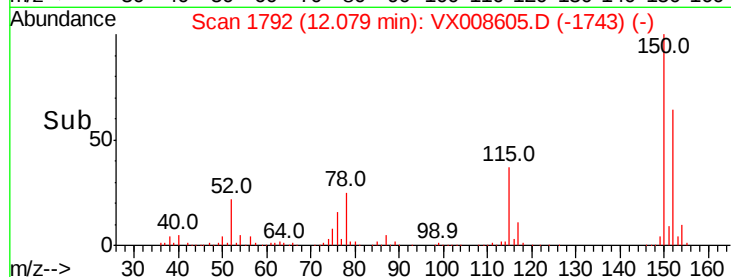
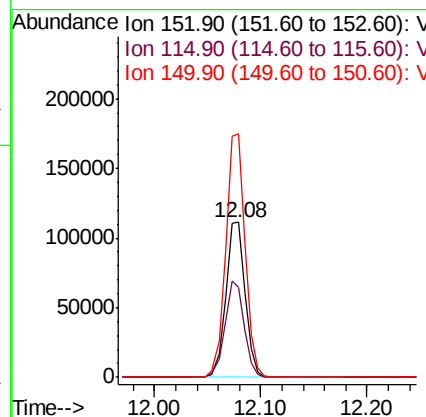
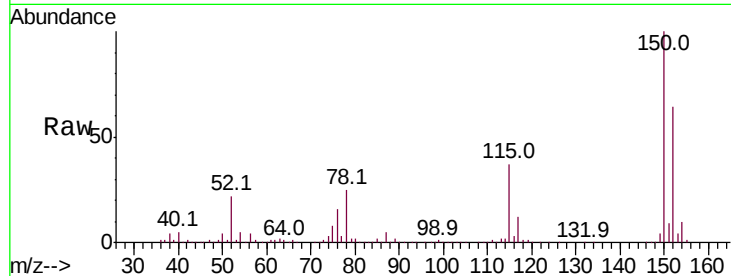
152 100

115 61.6 43.5 130.5

150 156.4 0.0 348.8

Manual Integrations
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#73

Isopropylbenzene

Concen: 1.340 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008605.D

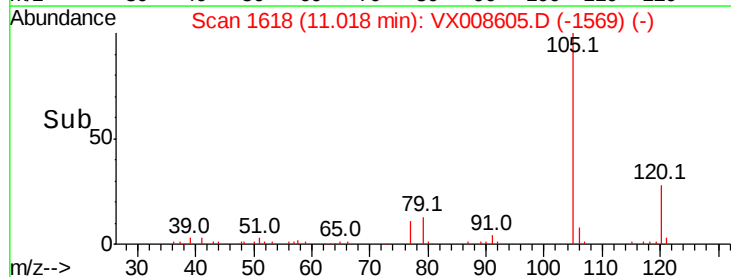
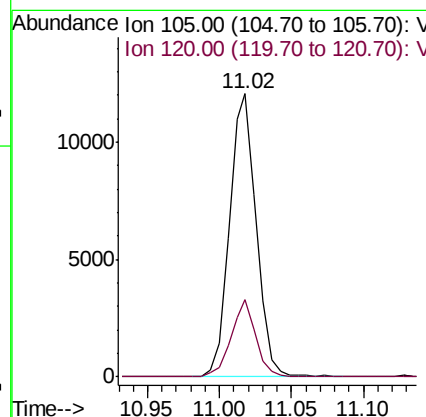
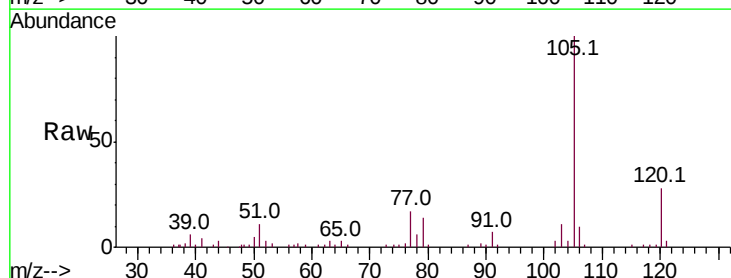
Acq: 03 Apr 2019 09:33

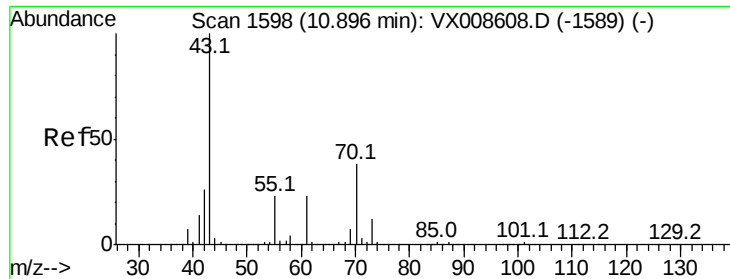
Tgt Ion:105 Resp: 15722

Ion Ratio Lower Upper

105 100

120 25.2 12.9 38.6





#74

N-amvl acetate

Concen: 1.201 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

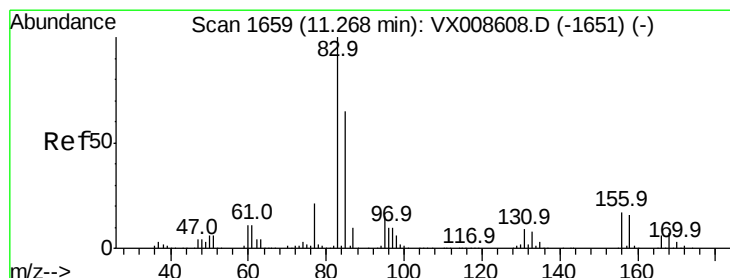
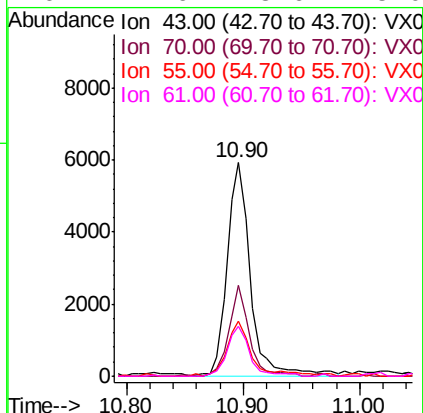
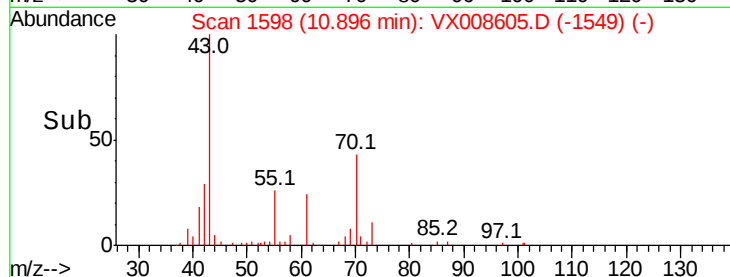
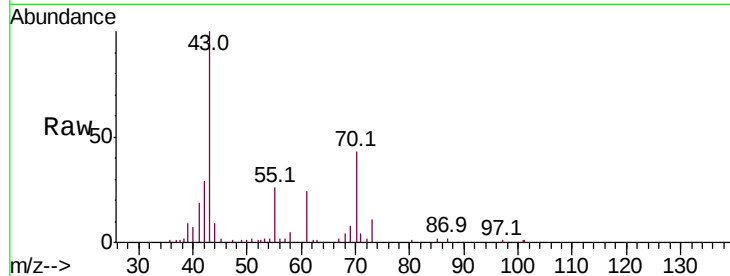
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
70	36.3	30.2	45.4
55	27.4	18.2	27.4
61	22.6	18.6	28.0

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 1.406 ug/l

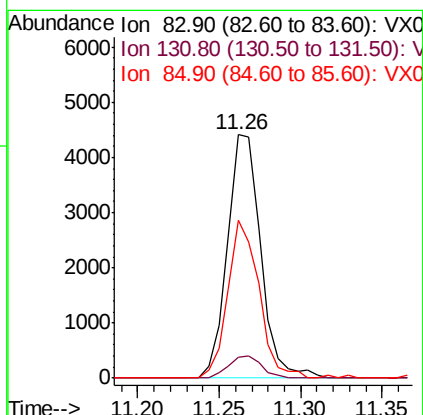
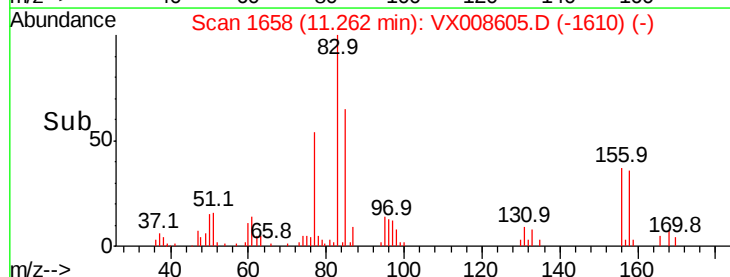
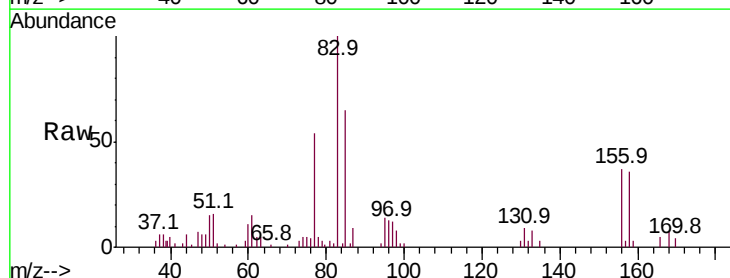
RT: 11.26 min Scan# 1658

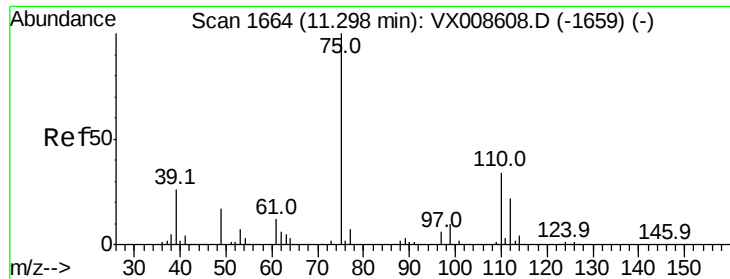
Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Tgt Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.5	13.7
85	60.6	32.0	96.2





#76

1,2,3-Trichloropropane

Concen: 1.230 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 5146

Ion Ratio Lower Upper

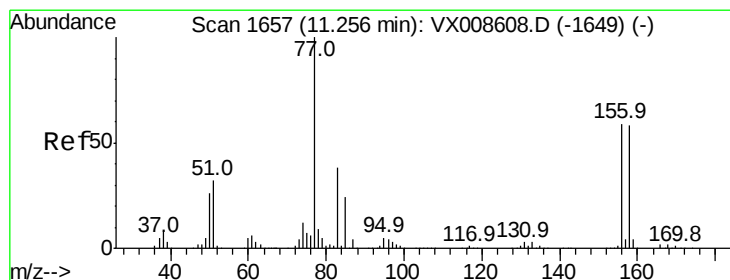
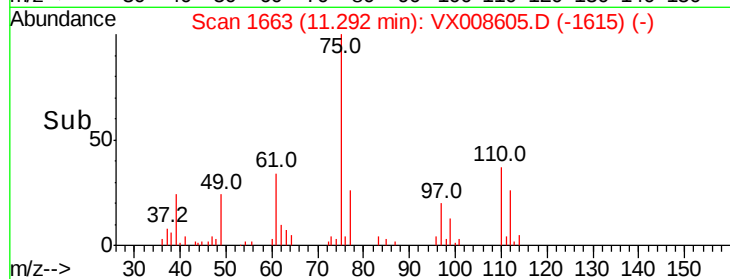
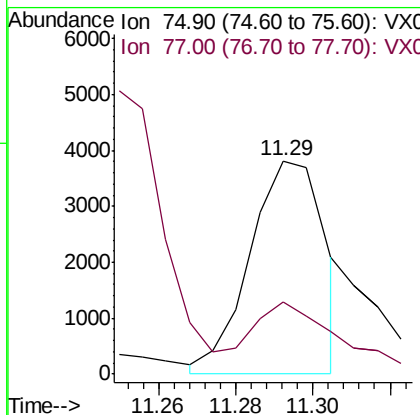
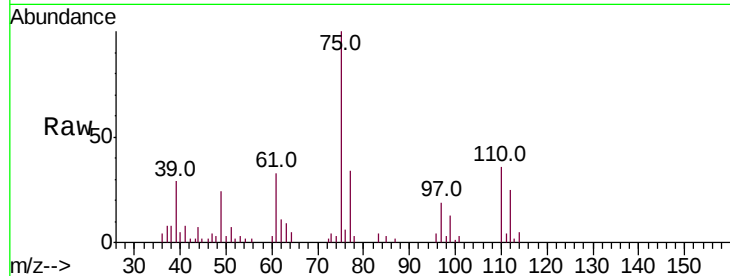
75 100

77 41.3 22.3 66.8

Manual Integrations
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#77

Bromobenzene

Concen: 1.343 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

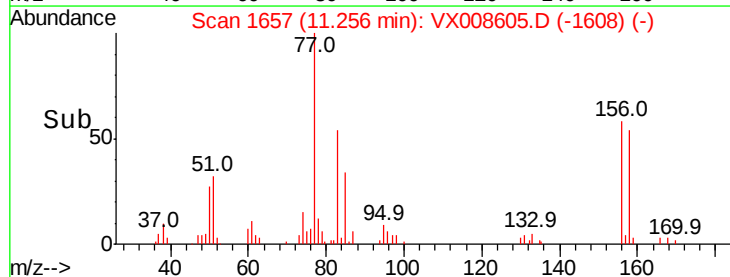
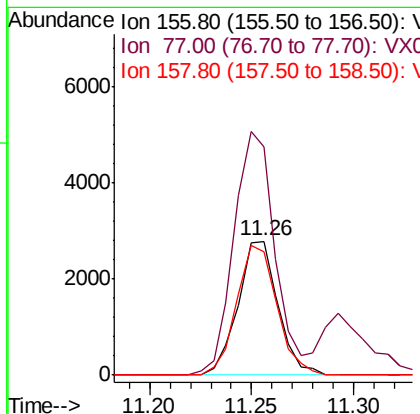
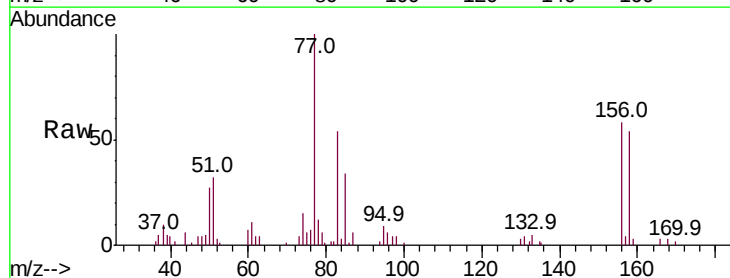
Tgt Ion: 156 Resp: 3788

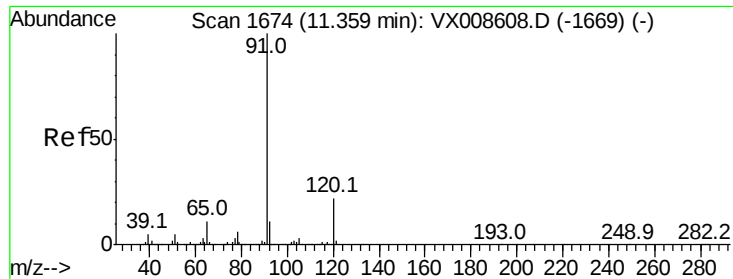
Ion Ratio Lower Upper

156 100

77 185.0 89.8 269.6

158 97.3 48.6 145.9





#78

n-propylbenzene

Concen: 1.293 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 17661

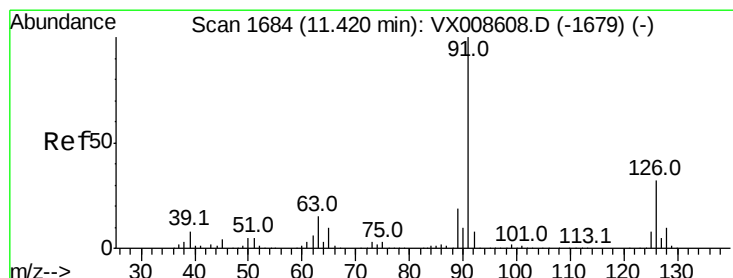
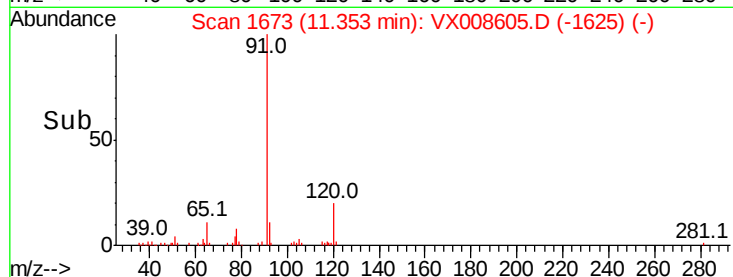
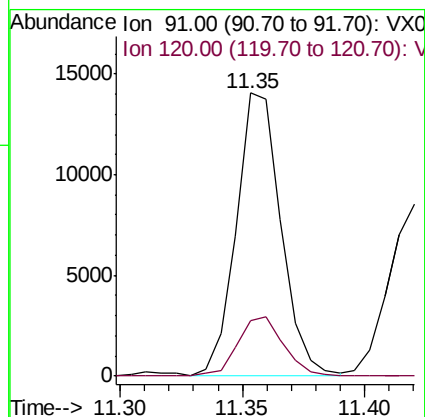
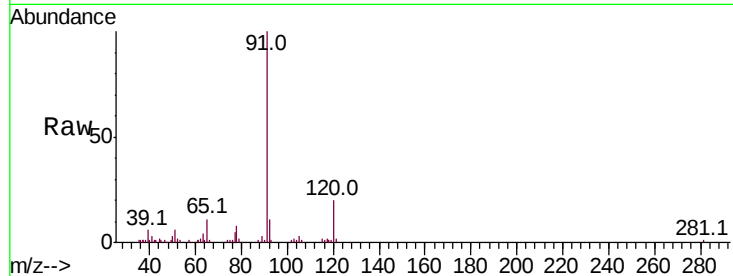
Ion Ratio Lower Upper

91 100

120 21.7 10.9 32.7

Manual Integrations
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#79

2-Chlorotoluene

Concen: 1.278 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008605.D

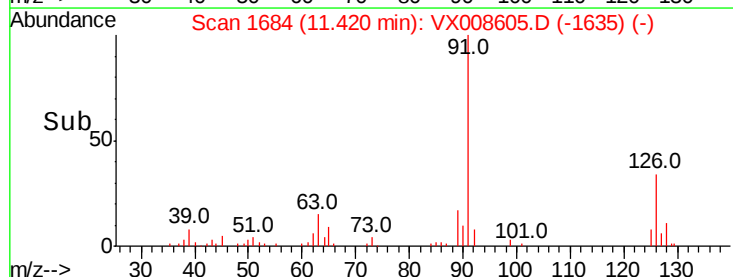
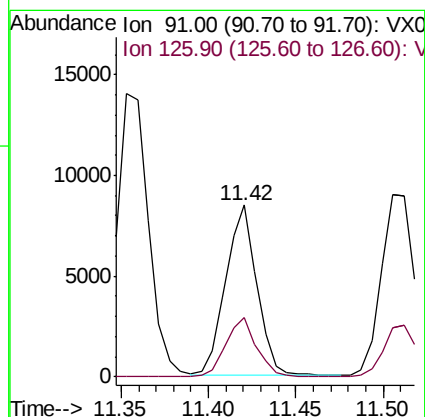
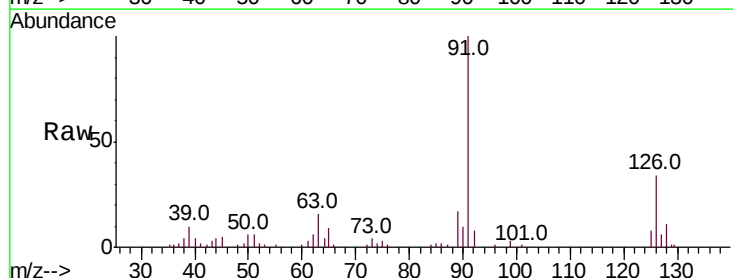
Acq: 03 Apr 2019 09:33

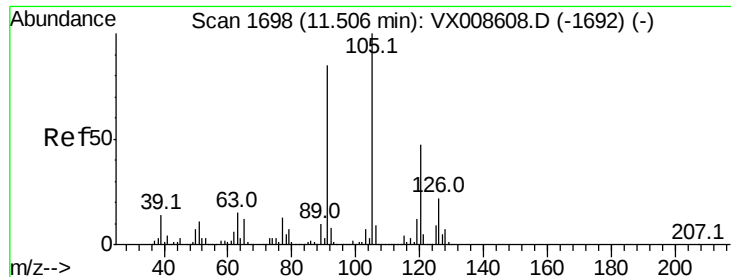
Tgt Ion: 91 Resp: 10568

Ion Ratio Lower Upper

91 100

126 33.9 16.1 48.3





#80

1,3,5-Trimethylbenzene

Concen: 1.288 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 12690

Ion Ratio Lower Upper

105 100

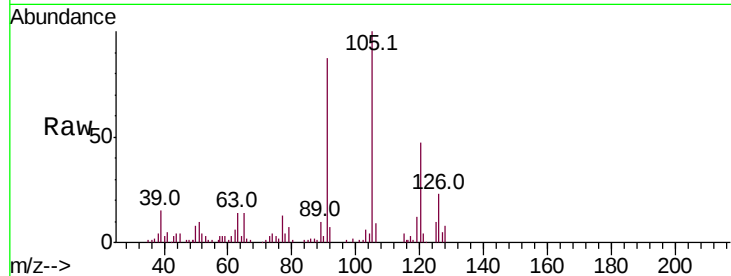
120 47.6 23.5 70.6

Manual Integrations

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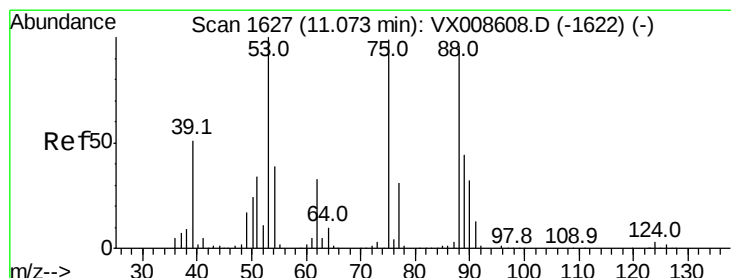
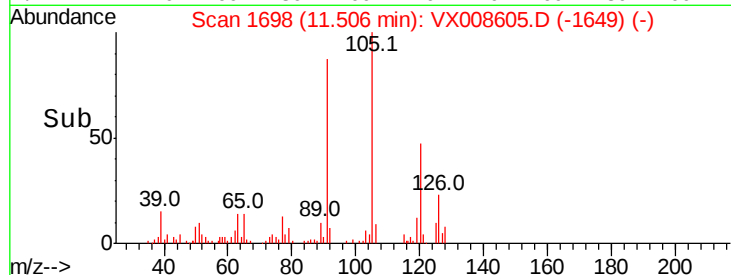
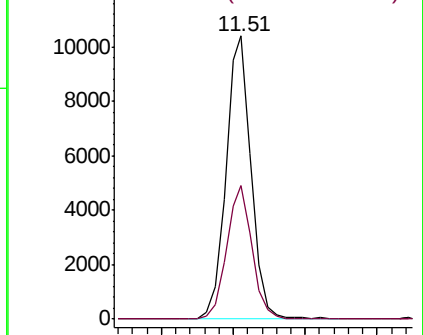
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 0.995 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

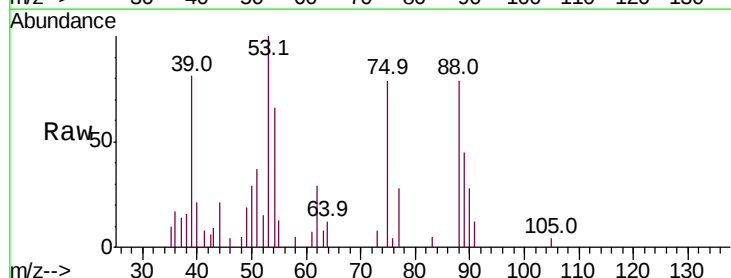
Tgt Ion: 75 Resp: 1404

Ion Ratio Lower Upper

75 100

53 143.2 81.3 121.9#

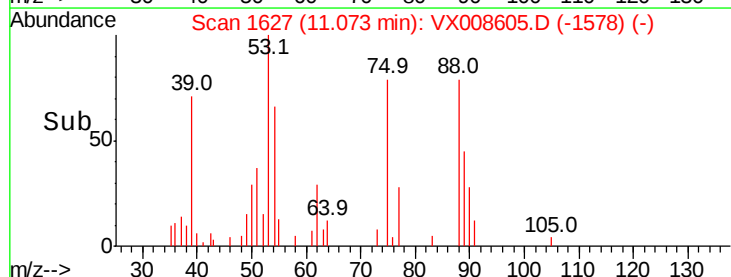
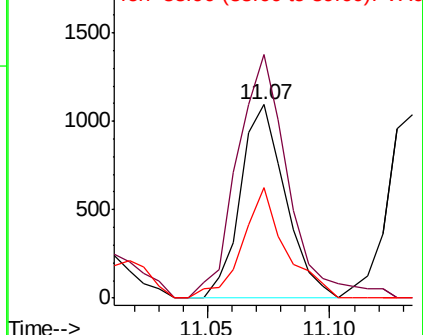
89 54.6 35.6 53.4#

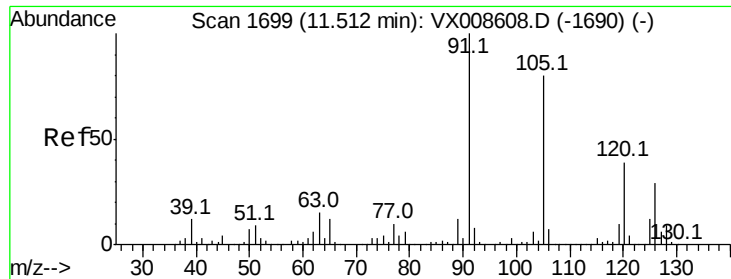


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





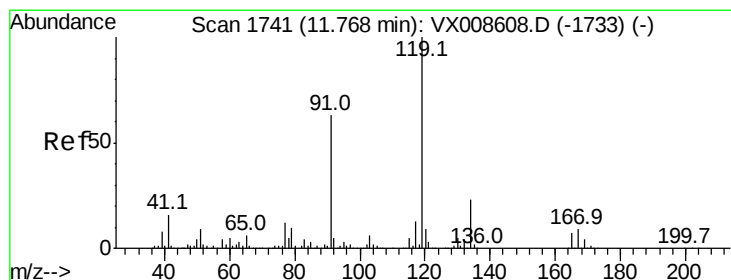
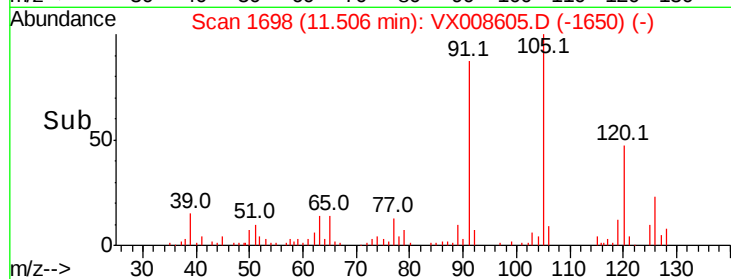
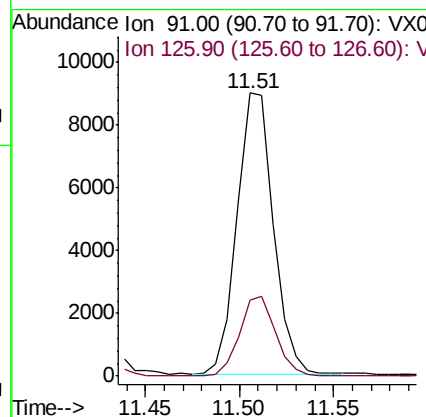
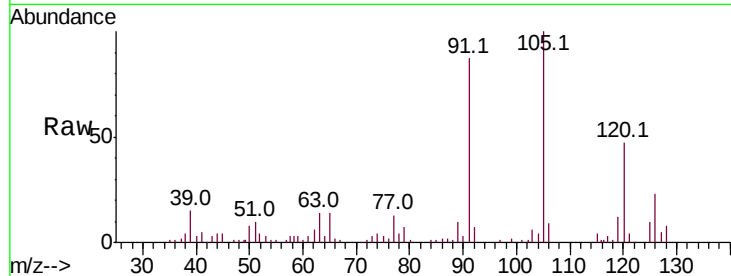
#82
4-Chlorotoluene
Concen: 1.253 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 91 Resp: 11990
Ion Ratio Lower Upper
91 100
126 27.9 13.9 41.6

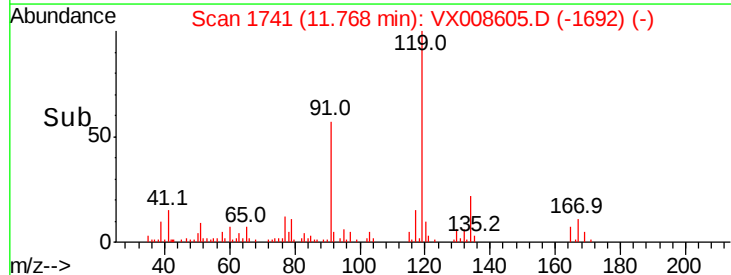
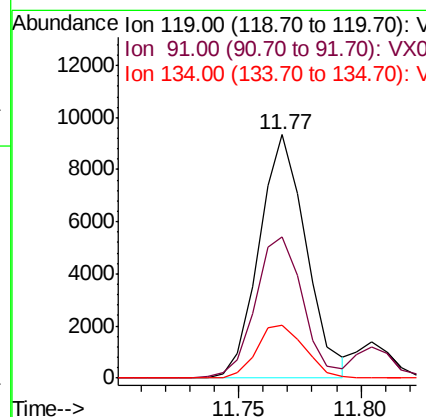
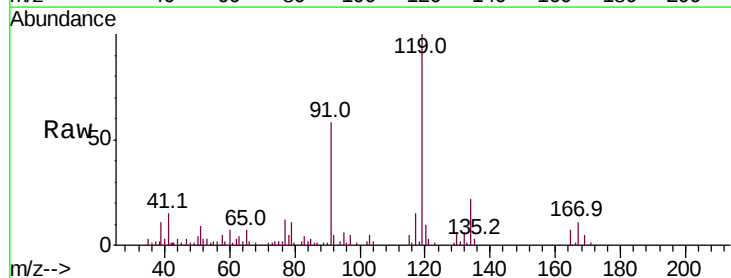
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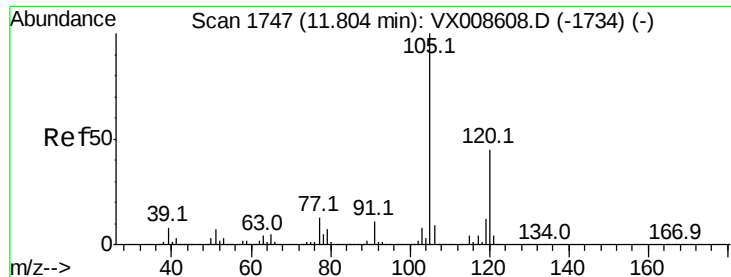
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#83
tert-Butylbenzene
Concen: 1.315 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Tgt Ion: 119 Resp: 12458
Ion Ratio Lower Upper
119 100
91 59.3 30.0 90.1
134 22.2 11.1 33.3





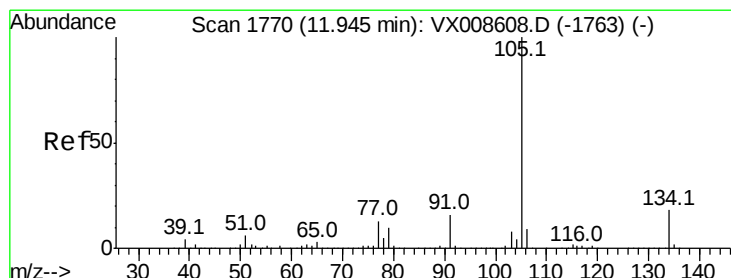
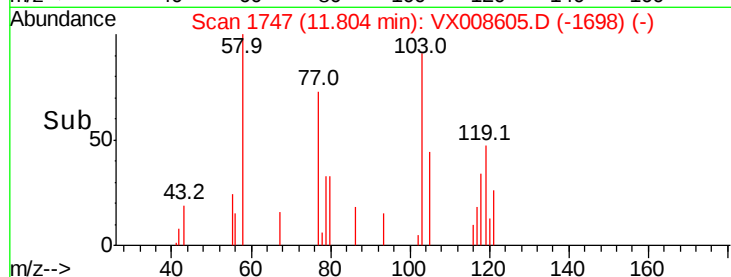
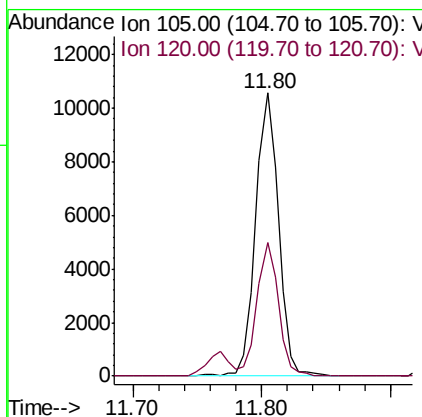
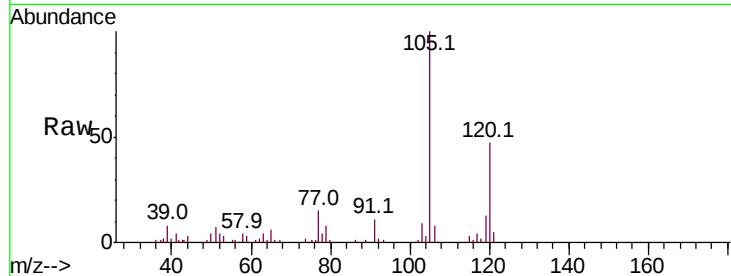
#84
 1,2,4-Trimethylbenzene
 Concen: 1.284 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.6	21.8	65.3

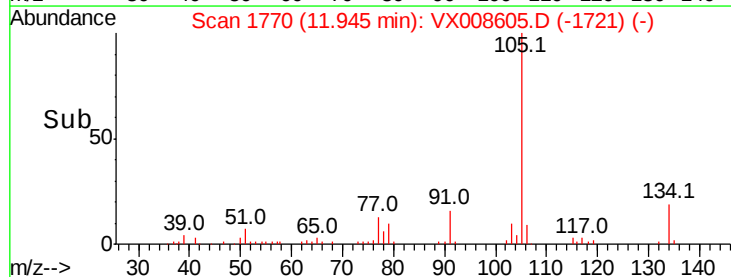
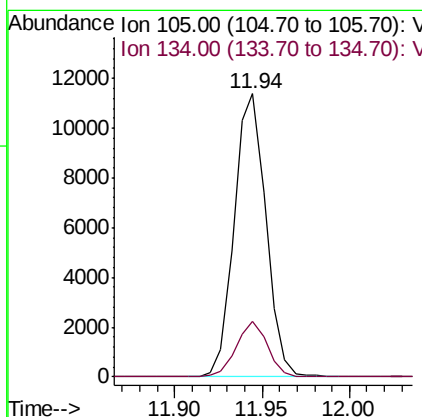
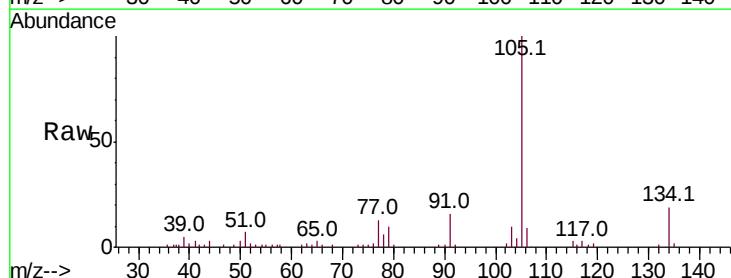
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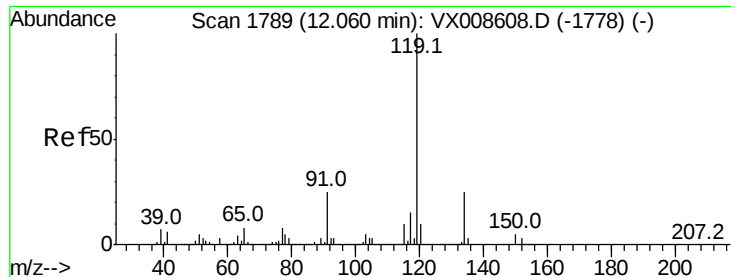
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#85
 sec-Butylbenzene
 Concen: 1.274 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.9	9.4	28.2





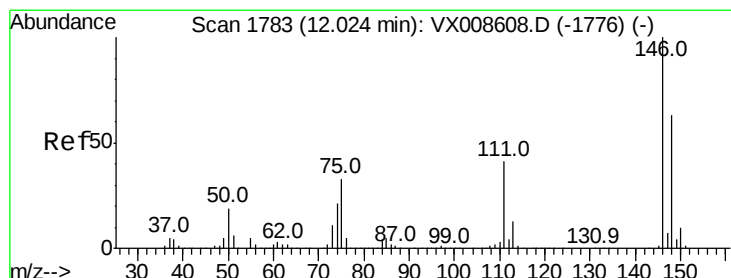
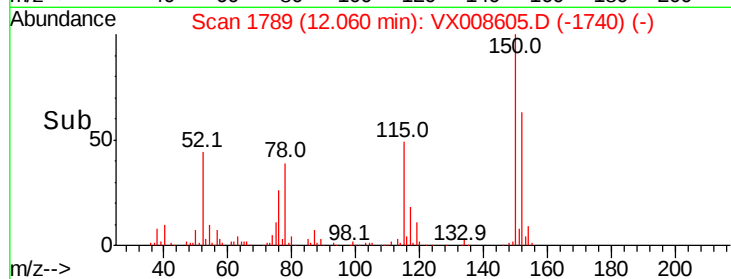
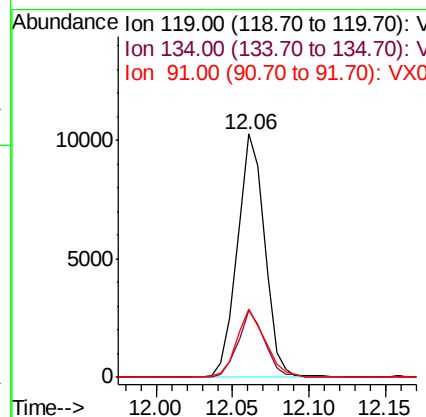
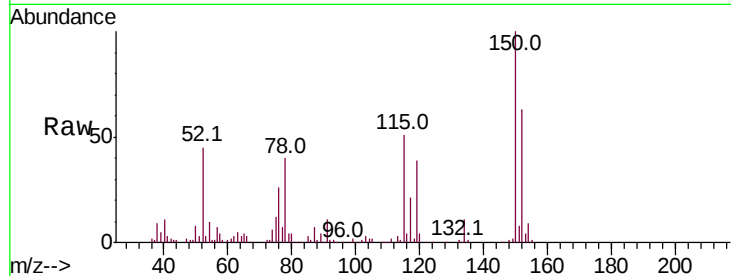
#86
 p-Isopropyltoluene
 Concen: 1.263 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.8	12.8	38.4
91	29.2	12.2	36.6

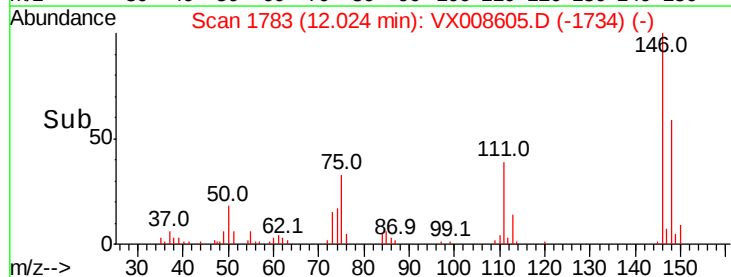
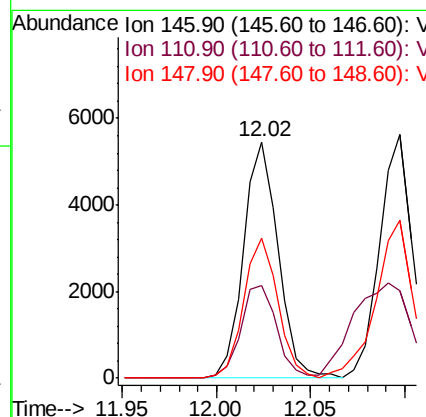
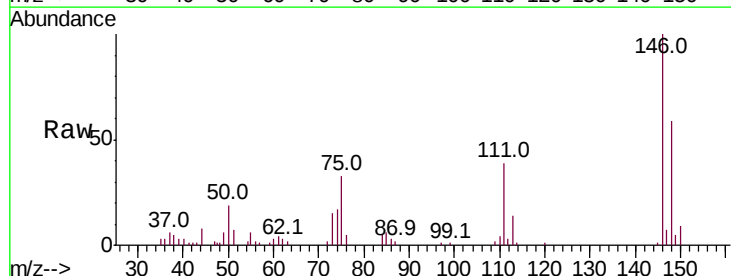
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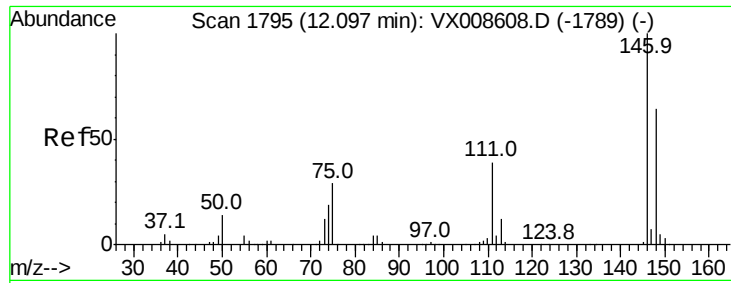
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#87
 1,3-Dichlorobenzene
 Concen: 1.372 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.5	61.5
148	58.4	31.6	94.7





#88

1,4-Dichlorobenzene

Concen: 1.324 ug/l m

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:146 Resp: 6768

Ion Ratio Lower Upper

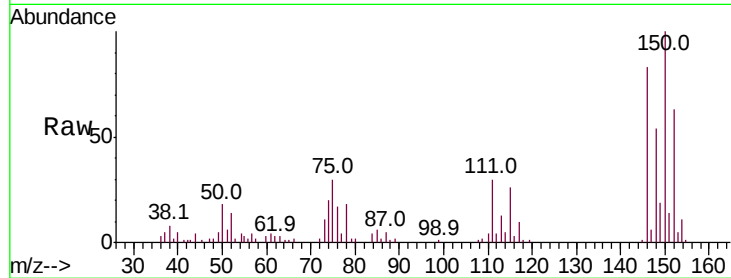
146 100

111 42.0 20.2 60.6

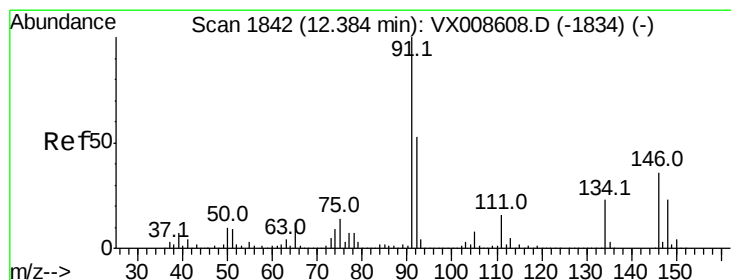
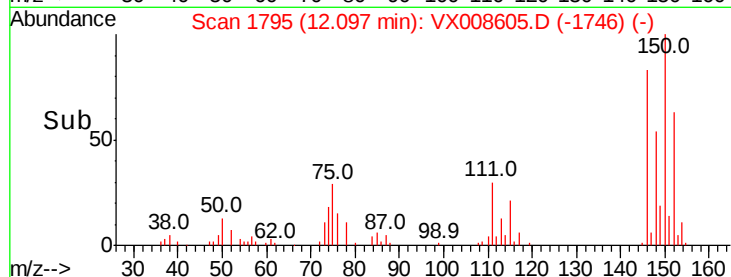
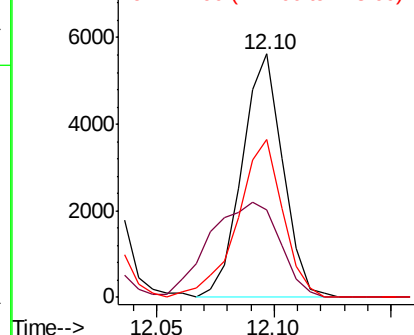
148 59.8 32.0 96.0

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 1.182 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

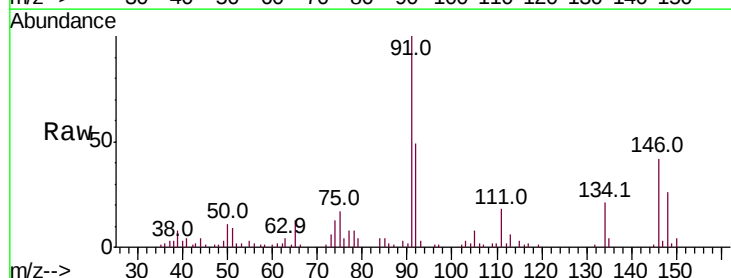
Tgt Ion: 91 Resp: 11200

Ion Ratio Lower Upper

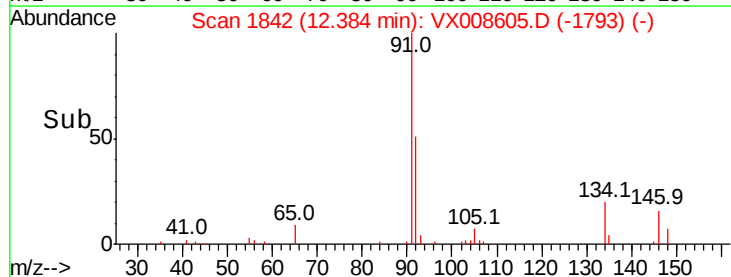
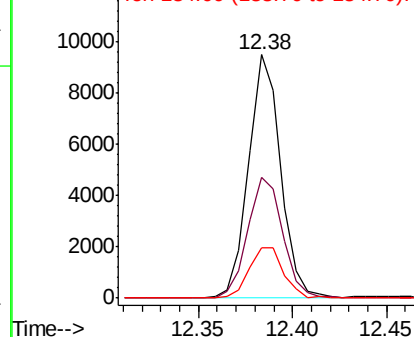
91 100

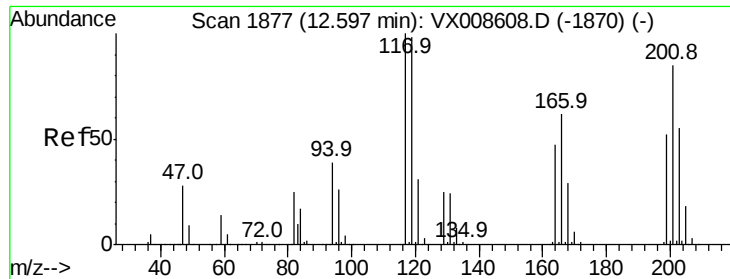
92 54.0 26.4 79.2

134 22.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





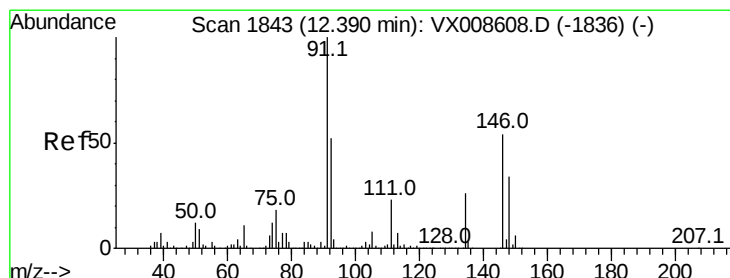
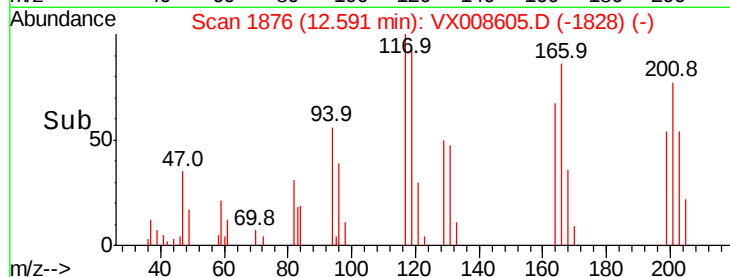
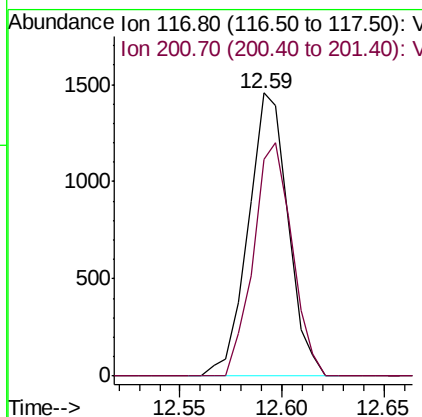
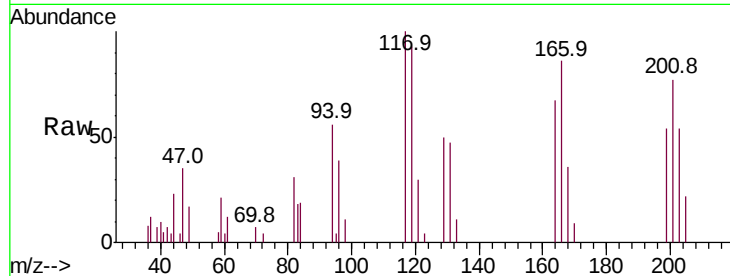
#90
Hexachloroethane
Concen: 1.182 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 1980
Ion Ratio Lower Upper
117 100
201 80.1 40.6 122.0

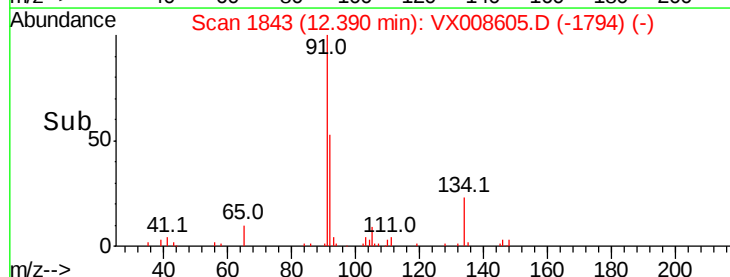
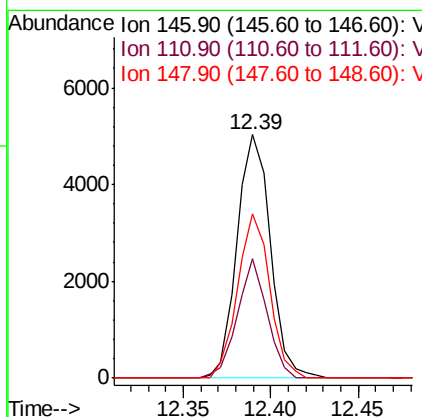
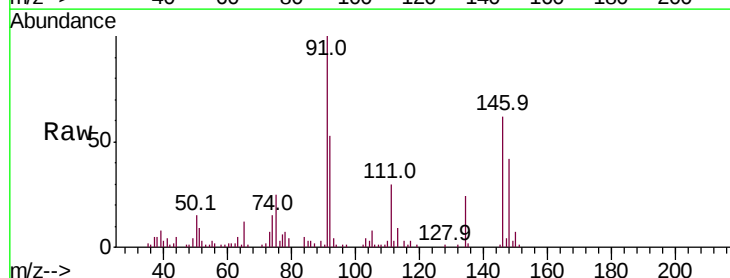
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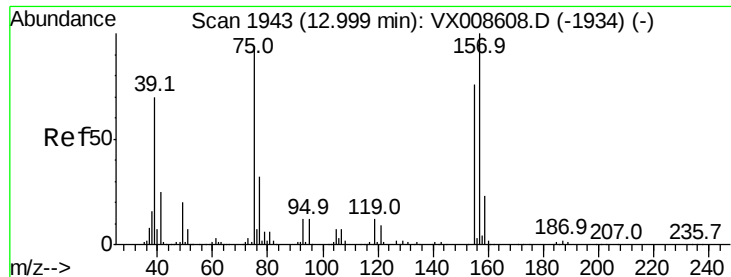
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#91
1,2-Dichlorobenzene
Concen: 1.334 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008605.D
Acq: 03 Apr 2019 09:33

Tgt Ion:146 Resp: 6687
Ion Ratio Lower Upper
146 100
111 43.2 21.3 63.9
148 64.9 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.250 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

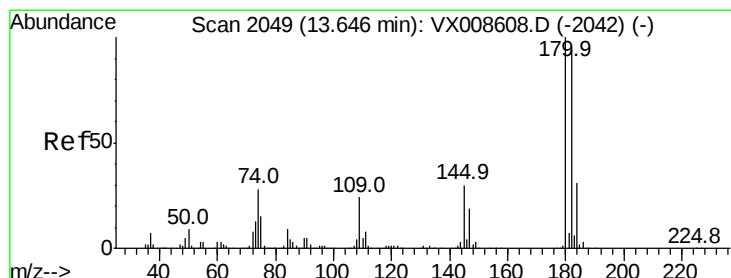
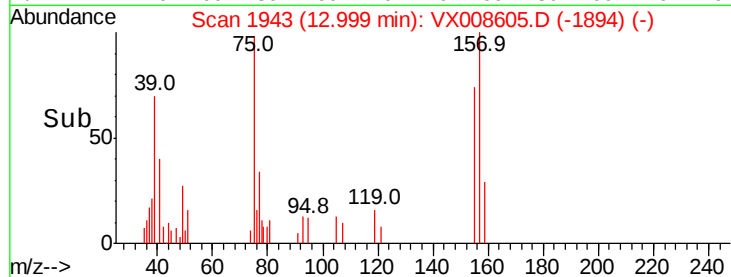
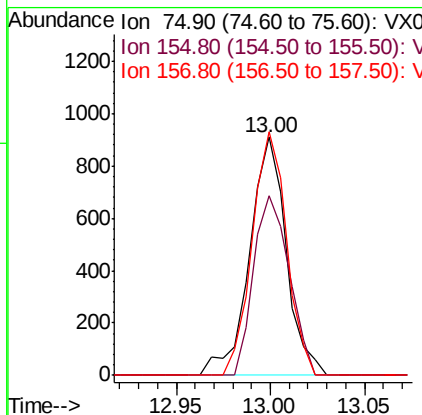
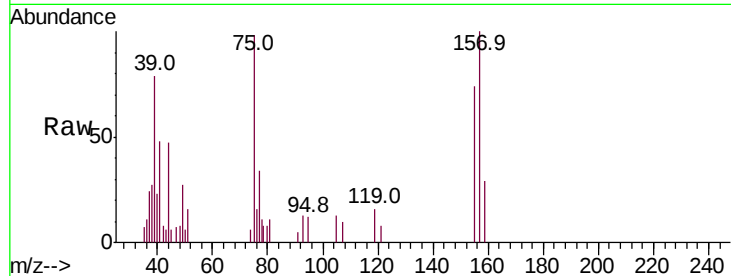
ClientSampled :

VSTDIC001

Tot Ion:	75	Resp:	1227
Ion	Ratio	Lower	Upper
75	100		
155	73.1	39.9	119.6
157	96.1	51.5	154.7

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#93

1,2,4-Trichlorobenzene

Concen: 1.216 ug/l

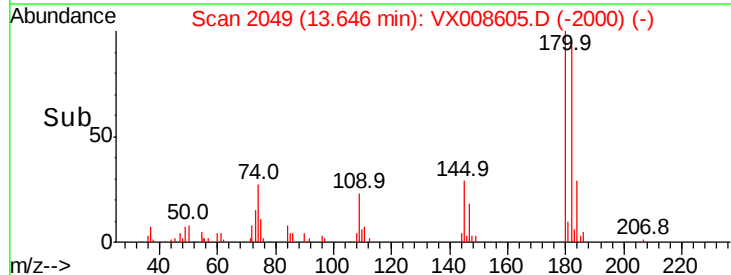
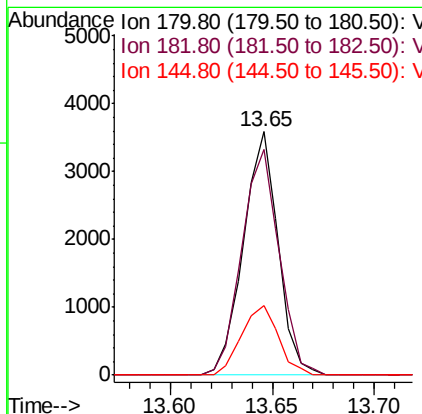
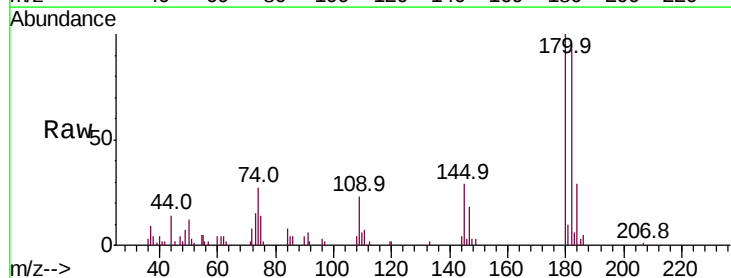
RT: 13.65 min Scan# 2049

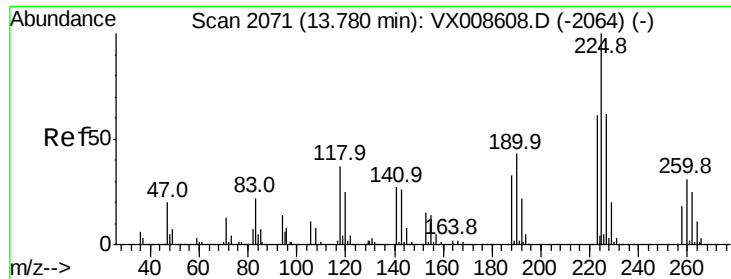
Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Tgt Ion:	180	Resp:	4239
Ion	Ratio	Lower	Upper
180	100		
182	99.6	47.2	141.6
145	30.2	15.3	45.9





#94

Hexachlorobutadiene

Concen: 1.402 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Instrument :

MSVOA_X

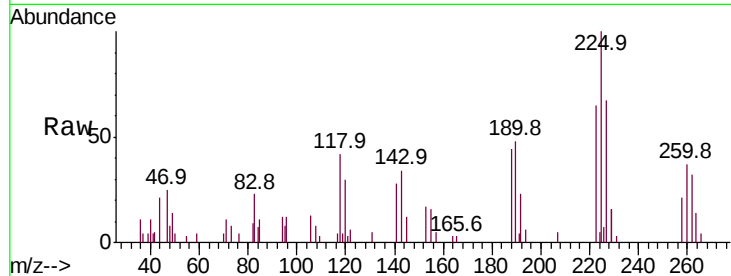
ClientSampleId :

VSTDIC001

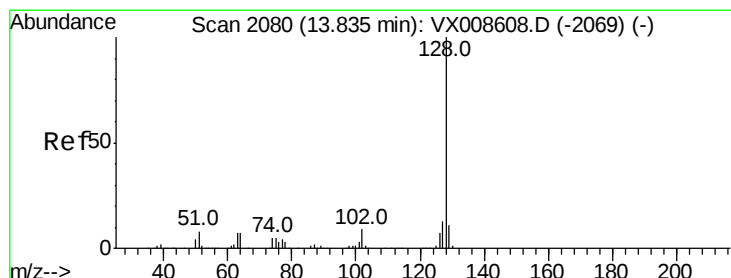
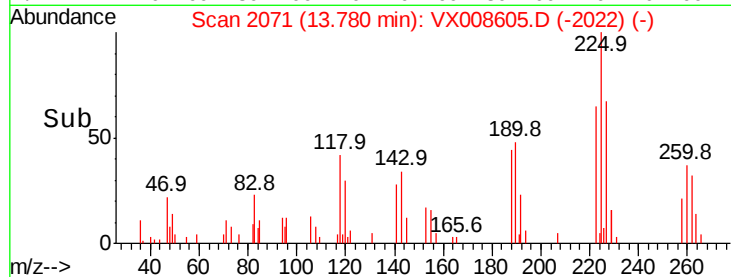
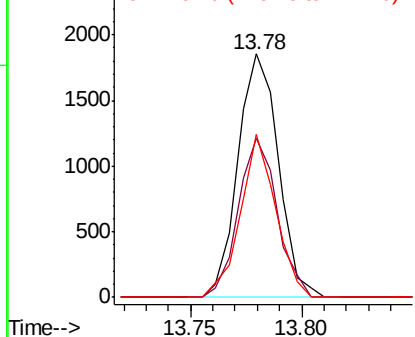
Tot Ion:	225	Resp:	2343
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.2	93.6
227	58.6	31.9	95.5

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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: 1.104 ug/l

RT: 13.83 min Scan# 2080

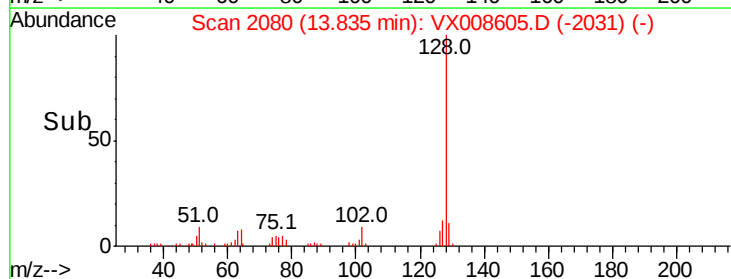
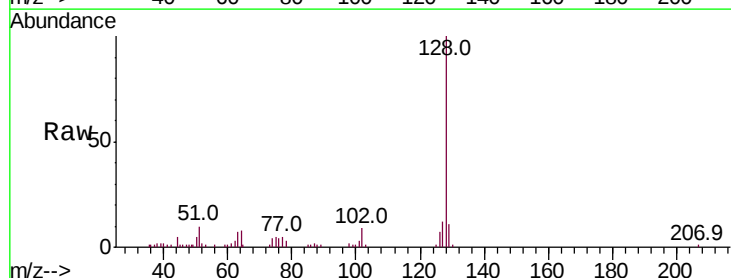
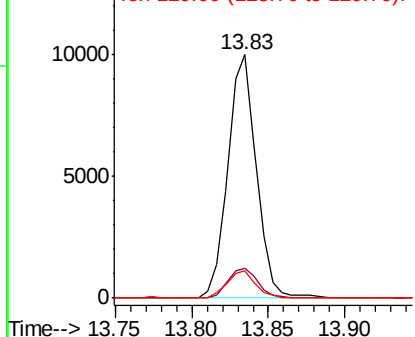
Delta R.T. -0.00 min

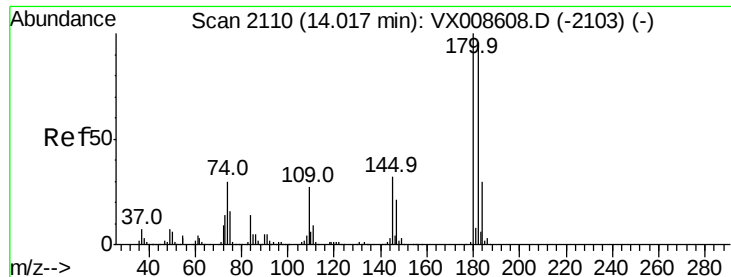
Lab File: VX008605.D

Acq: 03 Apr 2019 09:33

Tgt Ion:	128	Resp:	12866
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	11.0	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: 1.316 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008605.D
 Acq: 03 Apr 2019 09:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	89.5	48.1	144.3	
145	32.1	16.3	48.8	

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