

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX030619\
 Data File : VX007858.D
 Acq On : 06 Mar 2019 12:47
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 3/7/2019 10:35:13 AM

Quant Time: Mar 15 03:39:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 06:50:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	293082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	430226	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	373209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171383	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	2864	1.144 ug/l	91
3) Chloromethane	1.33	50	4134	1.281 ug/l	96
4) Vinyl Chloride	1.41	62	3480	1.085 ug/l	96
5) Bromomethane	1.65	94	3502	1.796 ug/l	91
6) Chloroethane	1.73	64	2207	1.036 ug/l	98
7) Trichlorofluoromethane	1.93	101	4767	1.142 ug/l	96
8) Diethyl Ether	2.19	74	1970	1.090 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3023	1.169 ug/l	96
12) 1,1-Dichloroethene	2.38	96	2823	1.132 ug/l	92
14) Allyl chloride	2.73	41	5672	1.082 ug/l	98
15) Acrylonitrile	3.15	53	10253	5.875 ug/l	99
16) Acetone	2.45	43	9066	5.066 ug/l	100
17) Carbon Disulfide	2.57	76	12004	1.434 ug/l #	92
18) Methyl Acetate	2.78	43	4438	1.167 ug/l	97
19) Methyl tert-butyl Ether	3.20	73	9031	1.053 ug/l	96
20) Methylene Chloride	2.86	84	3512	1.233 ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	3387	1.234 ug/l	96
22) Diisopropyl ether	3.87	45	10359	1.078 ug/l	97
23) Vinyl Acetate	3.82	43	43870	5.208 ug/l	98
24) 1,1-Dichloroethane	3.70	63	5523	1.068 ug/l #	96
25) 2-Butanone	4.70	43	13305	5.252 ug/l	100
26) 2,2-Dichloropropane	4.59	77	3452	1.008 ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	3575	1.139 ug/l	89
28) Bromochloromethane	5.01	49	2623	1.088 ug/l #	98
29) Tetrahydrofuran	5.15	42	8558	5.415 ug/l	99
30) Chloroform	5.21	83	5155	1.054 ug/l	96
31) Cyclohexane	5.58	56	4988	1.050 ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	4077	1.005 ug/l #	50
36) 1,1-Dichloropropene	5.80	75	4555	1.169 ug/l	98
37) Ethyl Acetate	4.85	43	5311	1.149 ug/l	99
38) Carbon Tetrachloride	5.78	117	3757	1.016 ug/l	96
39) Methylcyclohexane	7.46	83	4841	1.026 ug/l	95
40) Benzene	6.15	78	12368	1.066 ug/l	92
41) Methacrylonitrile	5.05	41	2728	1.082 ug/l #	34

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Quant Time: Mar 15 03:39:14 2019
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 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 06:50:53 2019
 Response via : Initial Calibration

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

42) 1,2-Dichloroethane	6.20	62	4068	1.073	ug/l	99
43) Isopropyl Acetate	6.46	43	6967	1.018	ug/l	99
44) Trichloroethene	7.22	130	3752	1.174	ug/l	90
45) 1,2-Dichloropropane	7.52	63	3107	1.014	ug/l	100
46) Dibromomethane	7.67	93	2084	1.075	ug/l	98
47) Bromodichloromethane	7.90	83	3578	0.974	ug/l	96
48) Methyl methacrylate	7.78	41	3822	1.063	ug/l	93
49) 1,4-Dioxane	7.76	88	1584	21.437	ug/l #	87
51) 4-Methyl-2-Pentanone	8.65	43	22093	5.021	ug/l	99
52) Toluene	8.79	92	7403	1.046	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	3300	0.860	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	3806	0.879	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	2882	1.005	ug/l	93
56) Ethyl methacrylate	9.18	69	3855	0.896	ug/l #	87
57) 1,3-Dichloropropane	9.37	76	4982	1.035	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	10533	4.732	ug/l	97
59) 2-Hexanone	9.49	43	16863	4.936	ug/l	96
60) Dibromochloromethane	9.59	129	2639	0.881	ug/l	97
61) 1,2-Dibromoethane	9.67	107	3232	1.062	ug/l	98
64) Tetrachloroethene	9.34	164	3930	1.271	ug/l	91
65) Chlorobenzene	10.14	112	8746	1.120	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	2811	1.004	ug/l #	65
67) Ethyl Benzene	10.25	91	13150	1.023	ug/l	96
68) m/p-Xylenes	10.36	106	10007	2.020	ug/l	99
69) o-Xylene	10.69	106	4735	0.990	ug/l	100
70) Styrene	10.71	104	7584	0.969	ug/l	98
71) Bromoform	10.85	173	2138	0.889	ug/l #	94
73) Isopropylbenzene	11.02	105	12040	1.039	ug/l	100
74) N-amyl acetate	10.90	43	5375	1.016	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	4566	1.142	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	3923m	1.082	ug/l	
77) Bromobenzene	11.26	156	3752	1.181	ug/l	99
78) n-propylbenzene	11.36	91	13230	1.029	ug/l	100
79) 2-Chlorotoluene	11.42	91	8812	1.121	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	9717	1.019	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	965	0.858	ug/l #	76
82) 4-Chlorotoluene	11.51	91	9928	1.102	ug/l	100
83) tert-Butylbenzene	11.77	119	9664	1.006	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	9816	1.004	ug/l	98
85) sec-Butylbenzene	11.94	105	11161	0.986	ug/l	100
86) p-Isopropyltoluene	12.06	119	9769	0.964	ug/l	92
87) 1,3-Dichlorobenzene	12.02	146	6347	1.129	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	7122m	1.236	ug/l	
89) n-Butylbenzene	12.39	91	8219	0.957	ug/l	97
90) Hexachloroethane	12.59	117	1562	0.922	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	6321	1.132	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	870	1.041	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	4303	1.097	ug/l	97
94) Hexachlorobutadiene	13.78	225	2222	1.083	ug/l	97
95) Naphthalene	13.83	128	11516	1.019	ug/l	99

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VSTDICC001

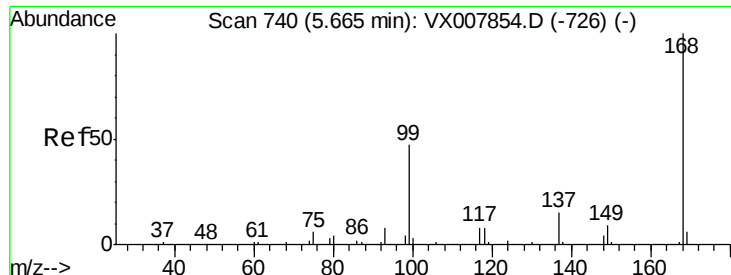
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	4217	1.079	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 293082

Ion Ratio Lower Upper

168 100

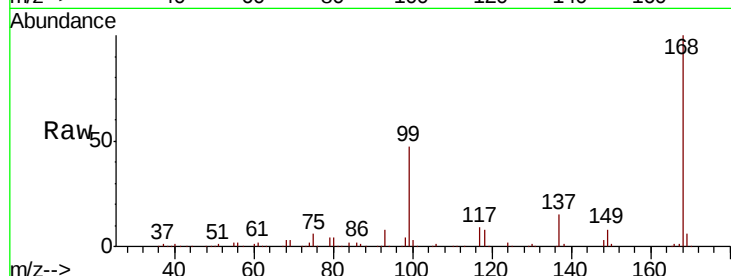
99 47.3 37.6 56.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

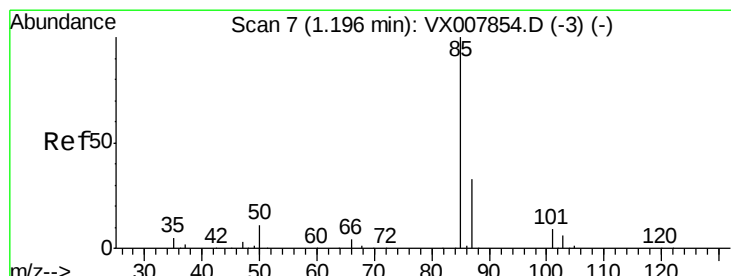
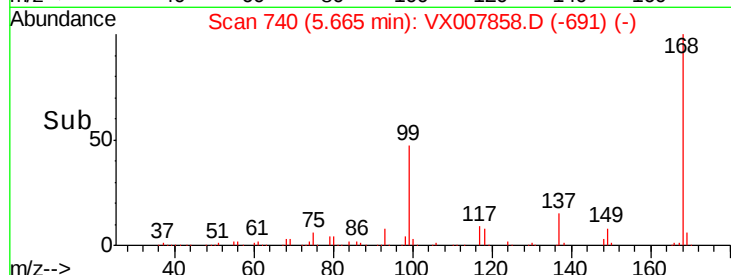
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.144 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007858.D

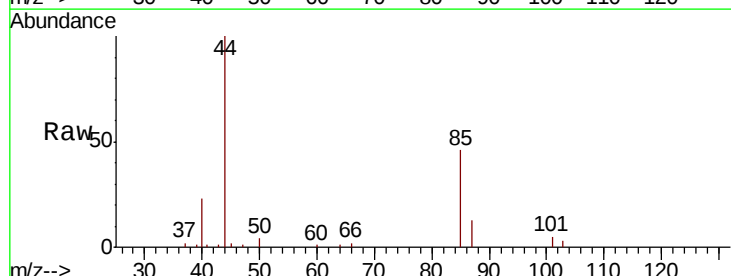
Acq: 06 Mar 2019 12:47

Tgt Ion: 85 Resp: 2864

Ion Ratio Lower Upper

85 100

87 27.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

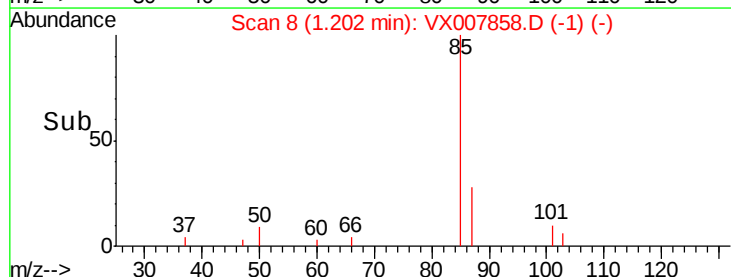
3000

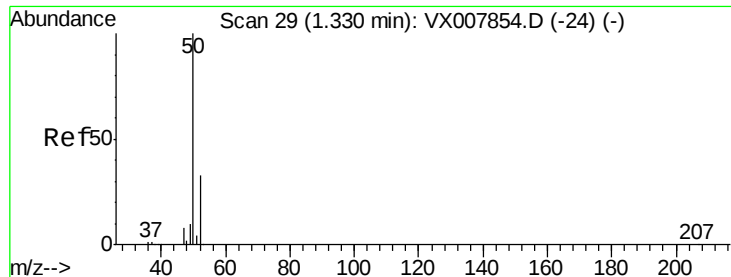
2000

1000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 1.281 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 4134

Ion Ratio Lower Upper

50 100

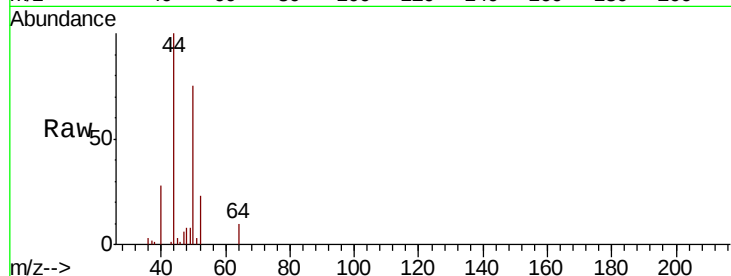
52 30.7 26.5 39.7

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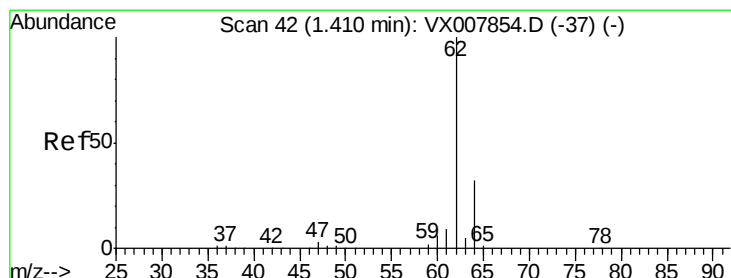
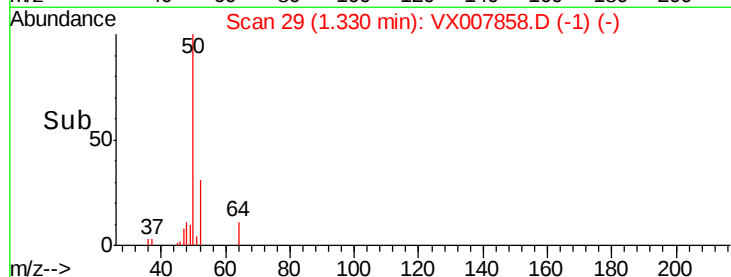
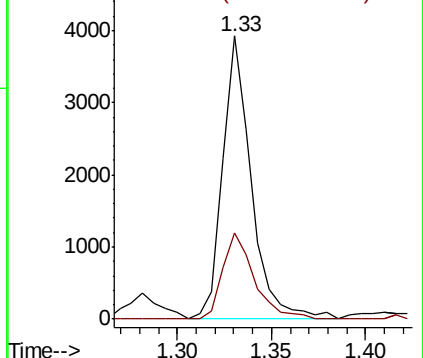
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.085 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007858.D

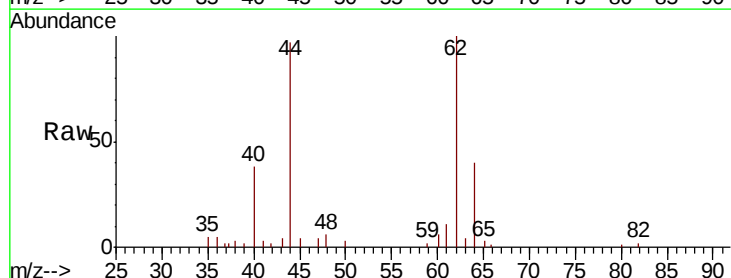
Acq: 06 Mar 2019 12:47

Tgt Ion: 62 Resp: 3480

Ion Ratio Lower Upper

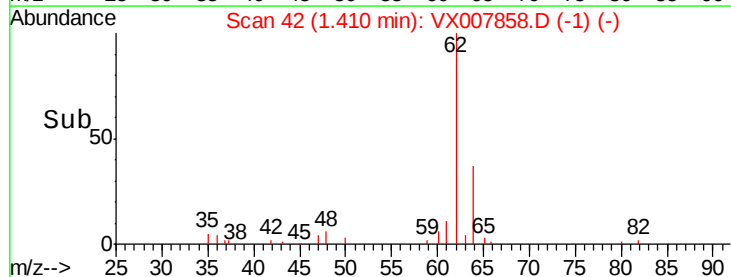
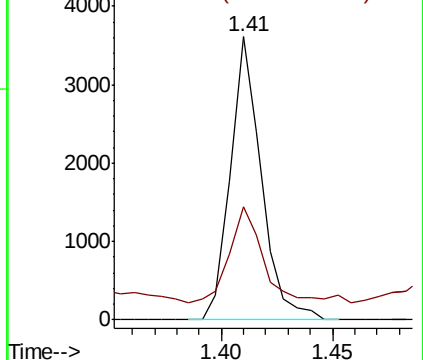
62 100

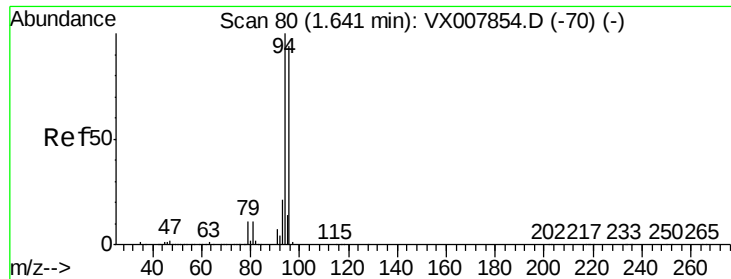
64 33.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.796 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 3502

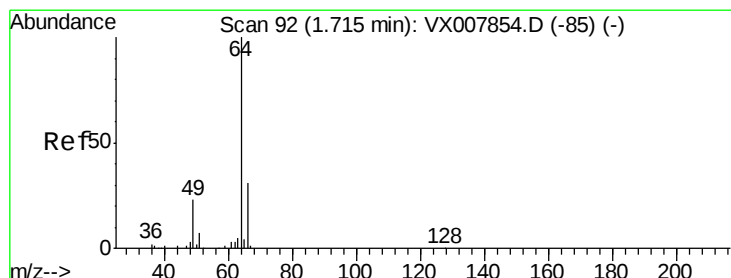
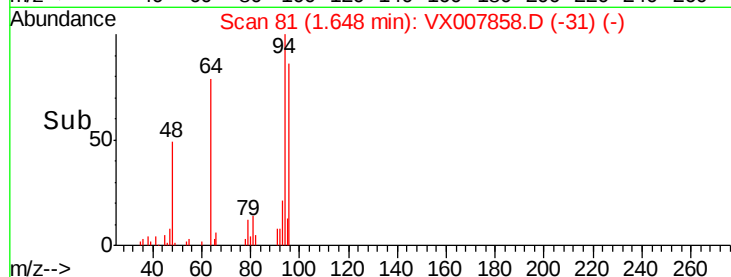
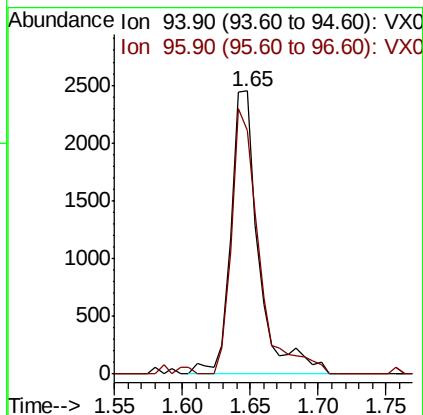
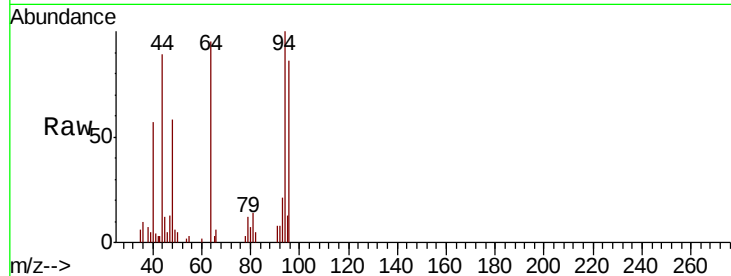
Ion Ratio Lower Upper

94 100

96 85.9 75.5 113.3

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#6

Chloroethane

Concen: 1.036 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007858.D

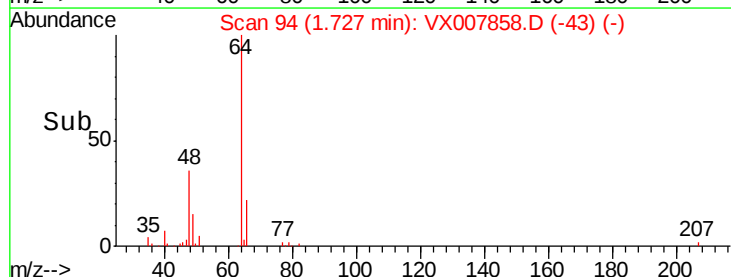
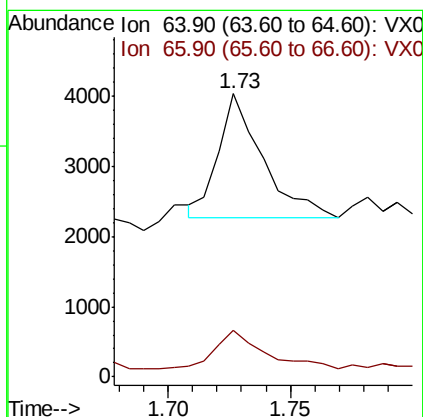
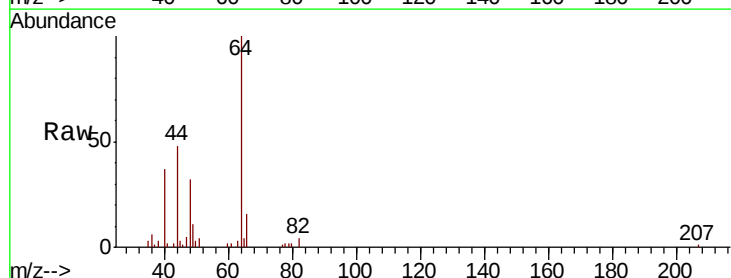
Acq: 06 Mar 2019 12:47

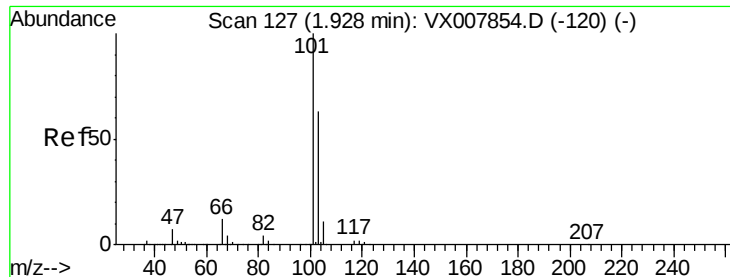
Tgt Ion: 64 Resp: 2207

Ion Ratio Lower Upper

64 100

66 30.6 25.2 37.8





#7

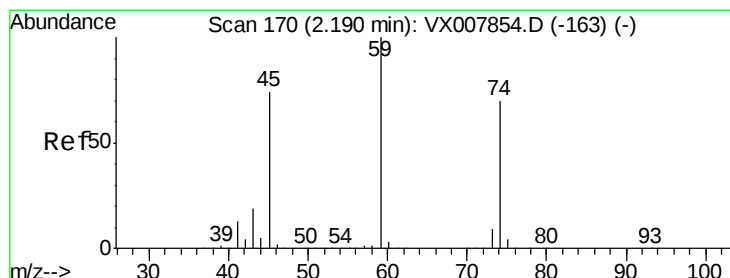
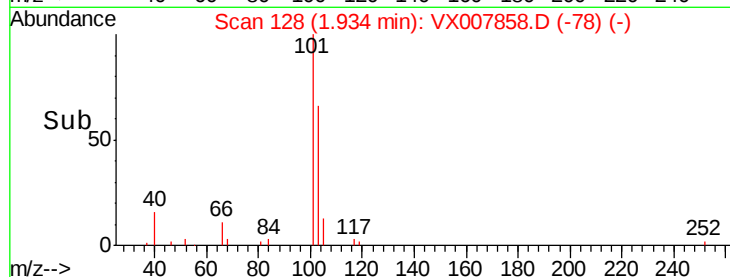
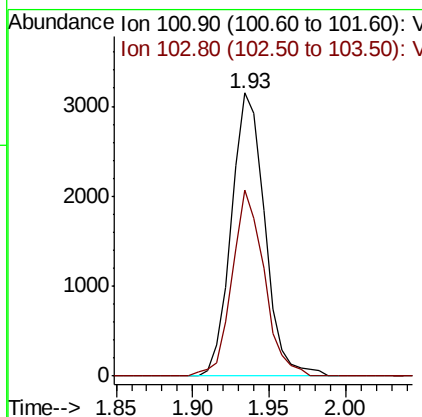
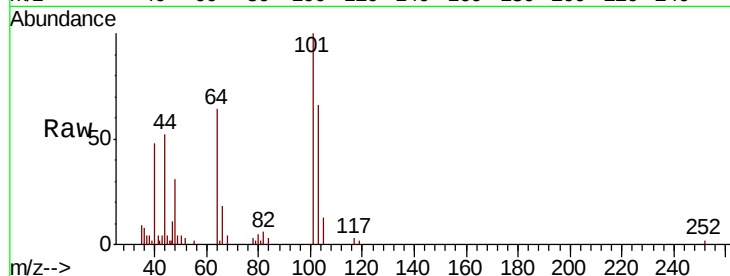
Trichlorofluoromethane
Concen: 1.142 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:101 Resp: 4767
Ion Ratio Lower Upper
101 100
103 66.0 50.4 75.6

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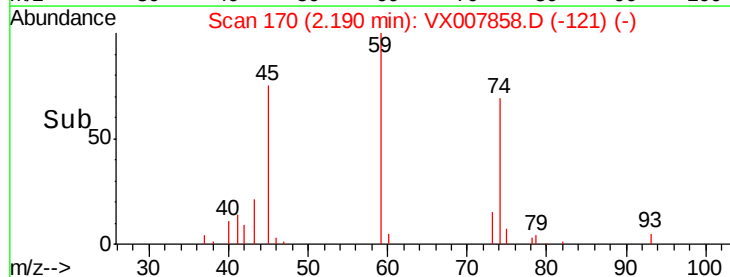
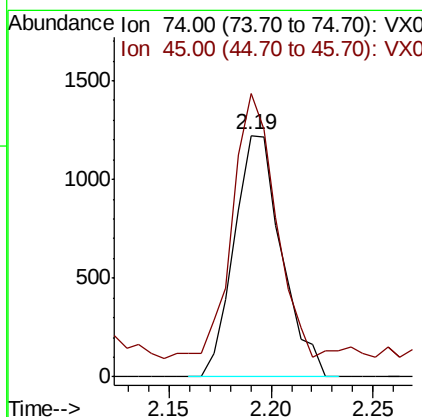
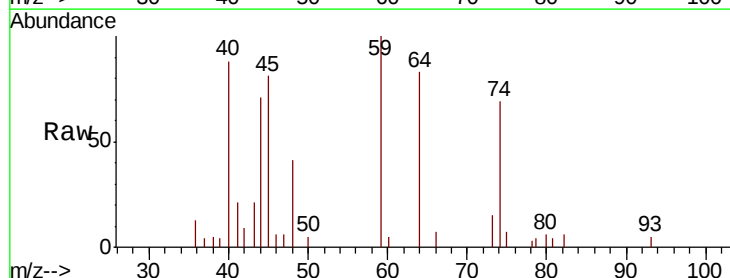
MMDadoda
3/7/2019 10:35:13 AM

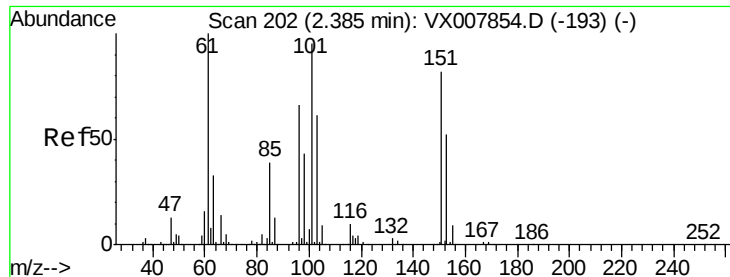


#8

Diethyl Ether
Concen: 1.090 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion: 74 Resp: 1970
Ion Ratio Lower Upper
74 100
45 101.2 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.169 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

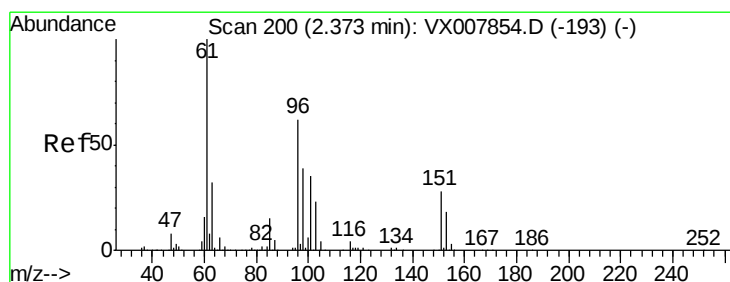
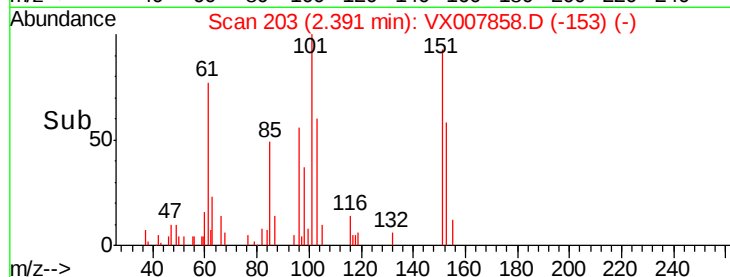
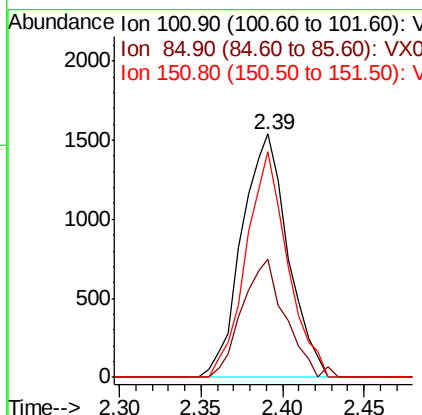
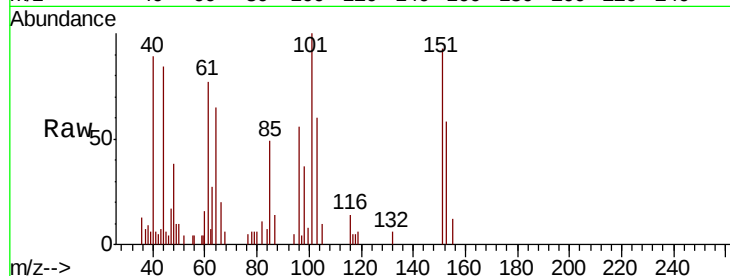
ClientSampleId :

VSTDIC001

Tot Ion:	101	Resp:	3023
Ion	Ratio	Lower	Upper
101	100		
85	45.7	33.8	50.6
151	83.6	69.1	103.7

Manual Integrations
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3/7/2019 10:35:13 AM



#12

1,1-Dichloroethene

Concen: 1.132 ug/l

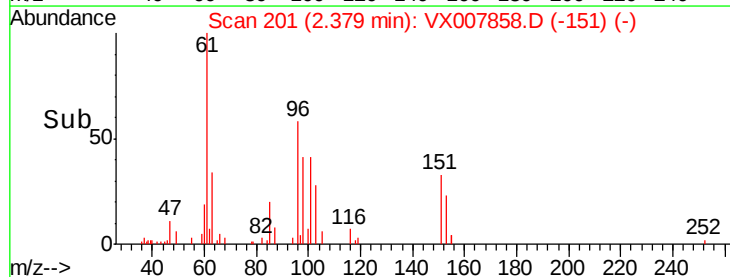
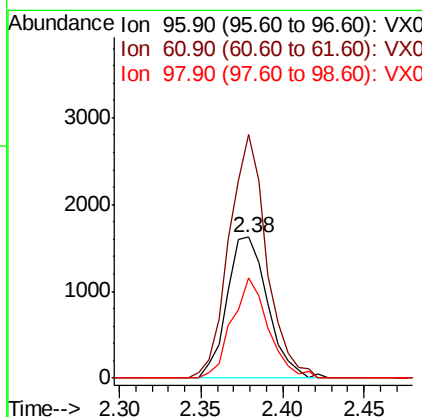
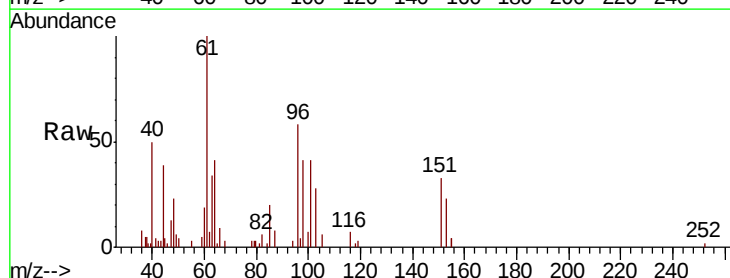
RT: 2.38 min Scan# 201

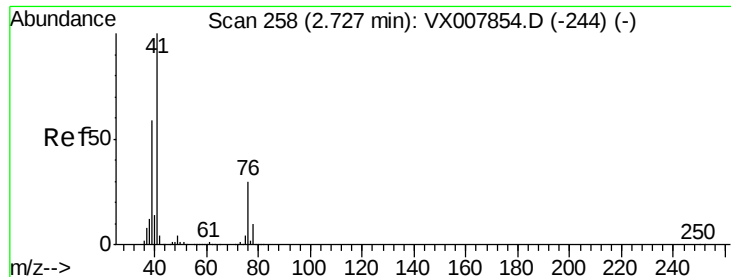
Delta R.T. 0.01 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Tgt Ion:	96	Resp:	2823
Ion	Ratio	Lower	Upper
96	100		
61	172.4	129.8	194.6
98	71.0	51.0	76.6





#14

Allvl chloride

Concen: 1.082 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

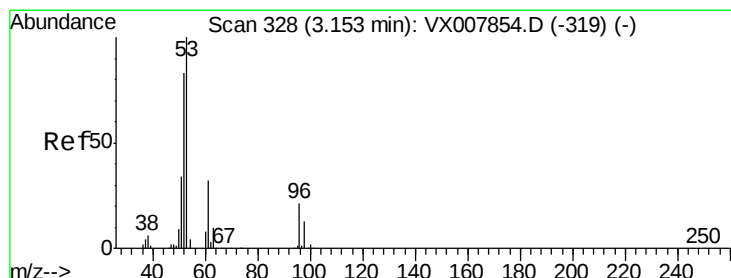
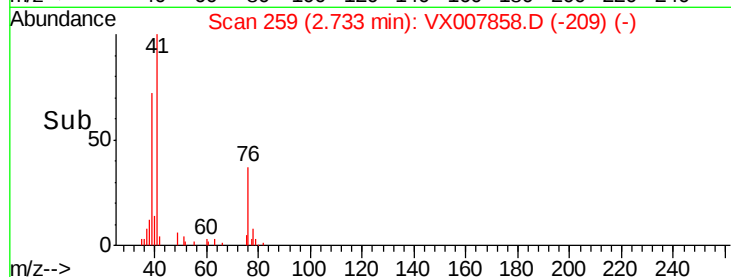
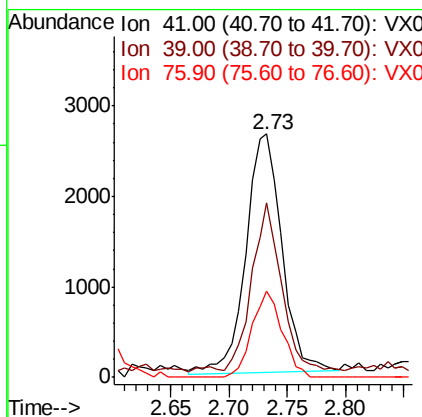
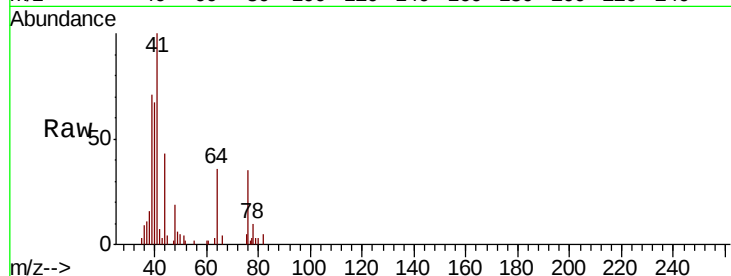
ClientSampleId :

VSTDIC001

Tot Ion:	41	Resp:	5672
Ion	Ratio	Lower	Upper
41	100		
39	60.0	46.1	69.1
76	30.2	24.0	36.0

Manual Integrations
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#15

Acrylonitrile

Concen: 5.875 ug/l

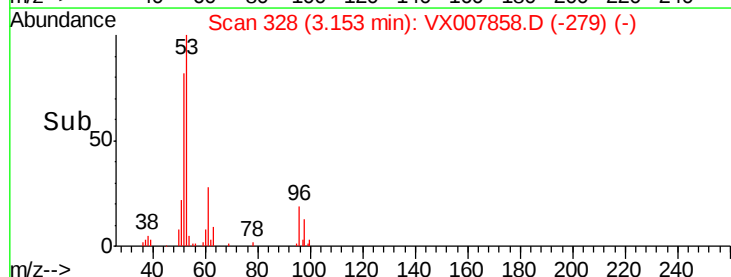
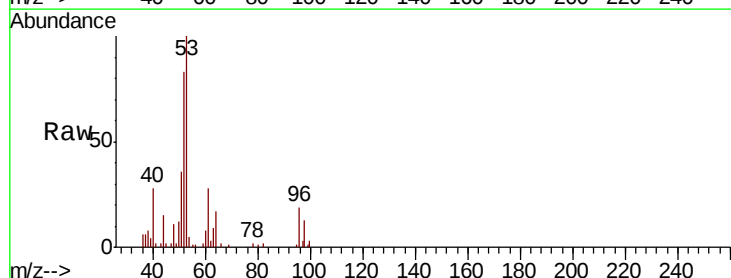
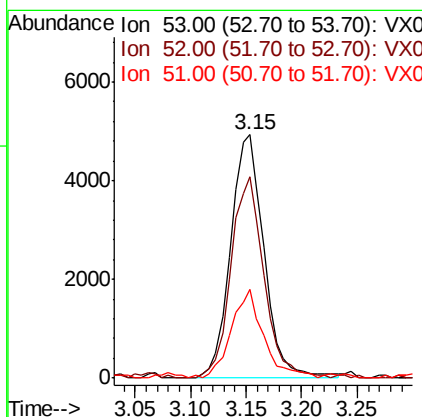
RT: 3.15 min Scan# 328

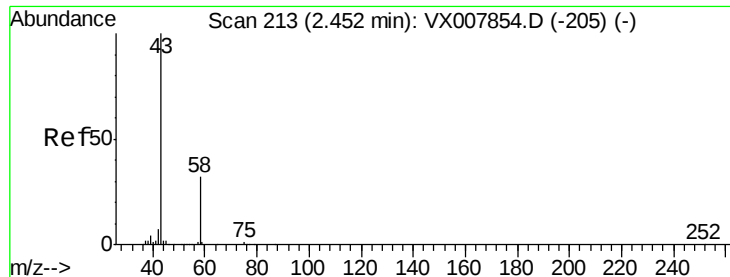
Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Tgt Ion:	53	Resp:	10253
Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.0	99.0
51	35.2	28.0	42.0





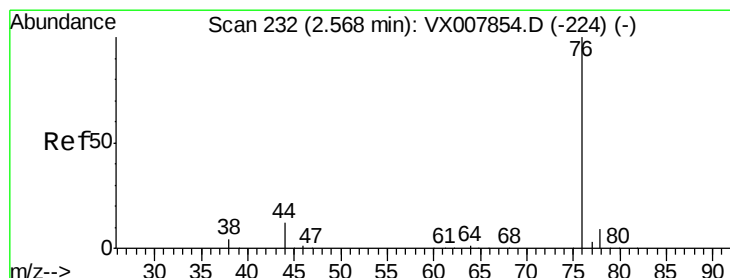
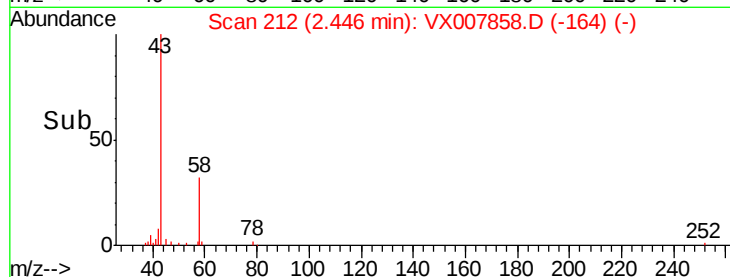
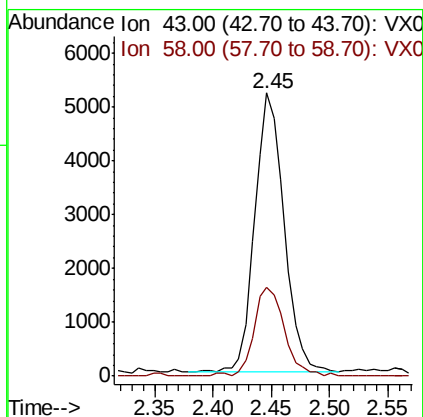
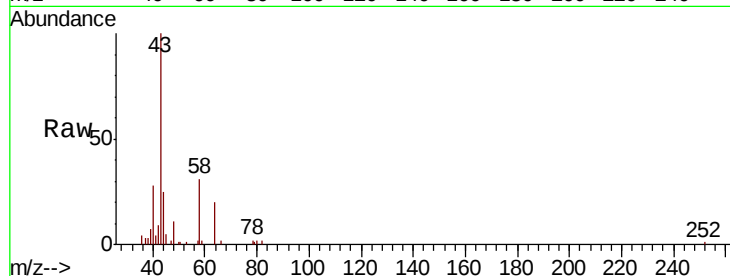
#16
Acetone
Concen: 5.066 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 9066
Ion Ratio Lower Upper
43 100
58 31.9 25.5 38.3

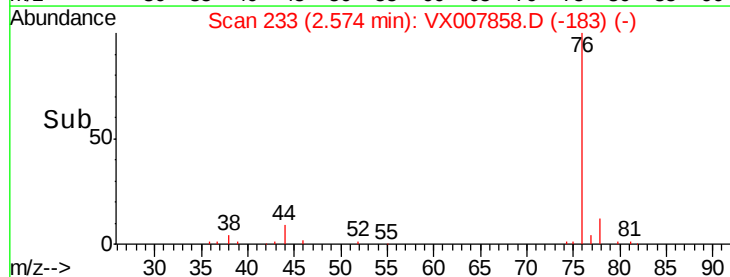
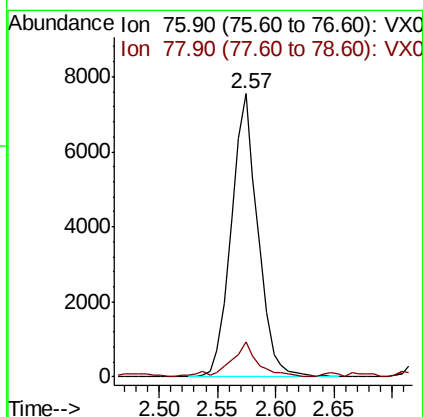
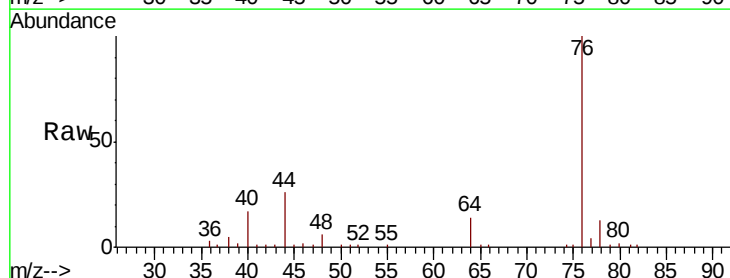
Manual Integrations
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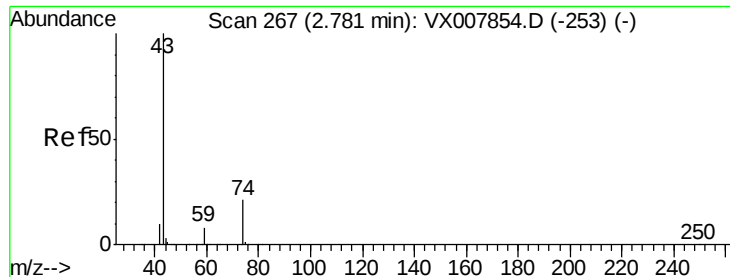
MMDadoda
3/7/2019 10:35:13 AM



#17
Carbon Disulfide
Concen: 1.434 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion: 76 Resp: 12004
Ion Ratio Lower Upper
76 100
78 11.8 7.2 10.8#





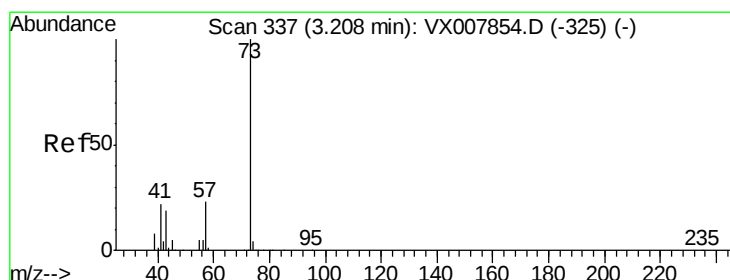
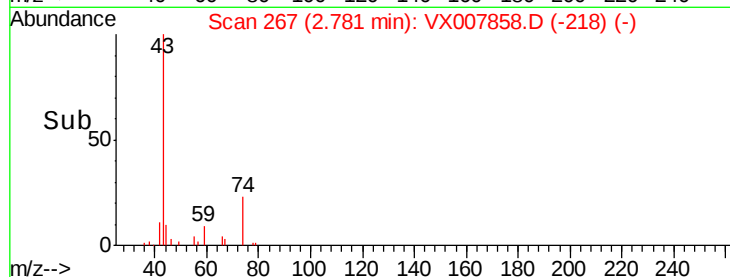
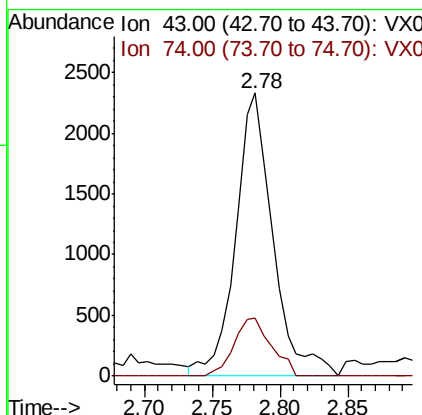
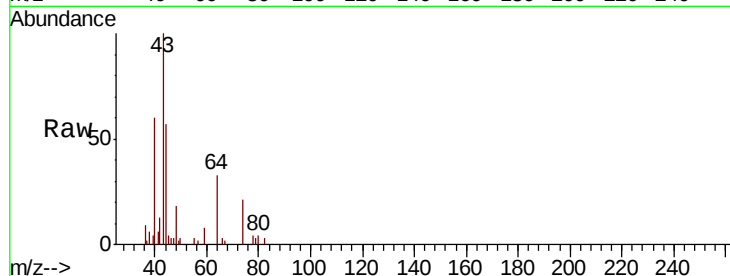
#18
Methyl Acetate
Concen: 1.167 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	43	Resp	4438
Ion Ratio	Lower	Upper	
43	100		
74	20.6	17.8	26.6

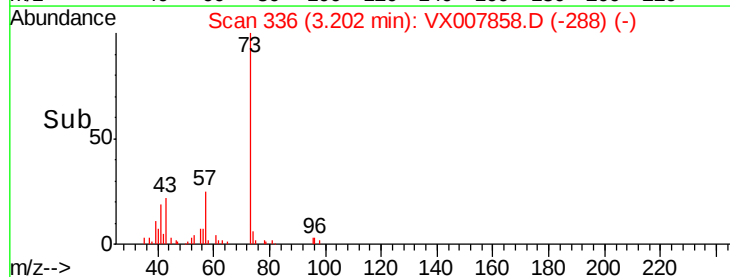
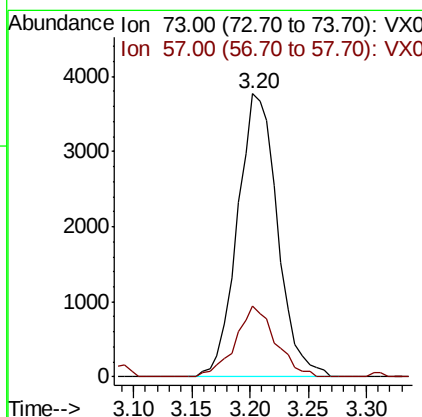
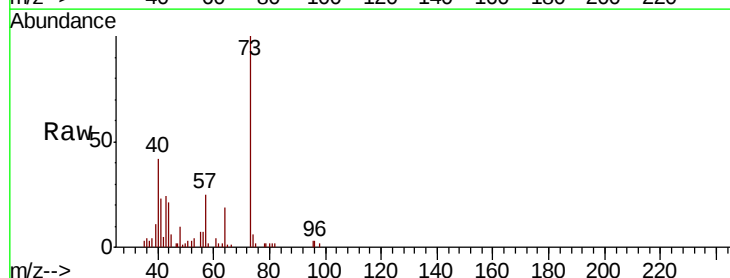
Manual Integrations
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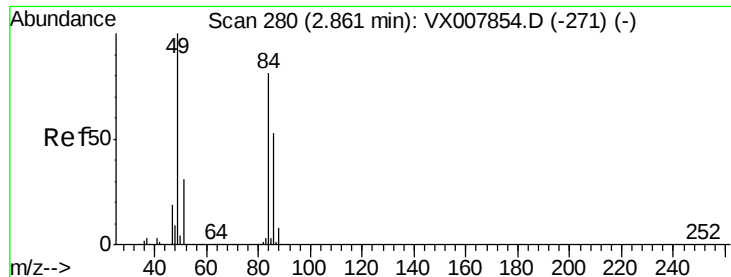
MMDadoda
3/7/2019 10:35:13 AM



#19
Methyl tert-butyl Ether
Concen: 1.053 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion	73	Resp	9031
Ion Ratio	Lower	Upper	
73	100		
57	24.9	18.2	27.4





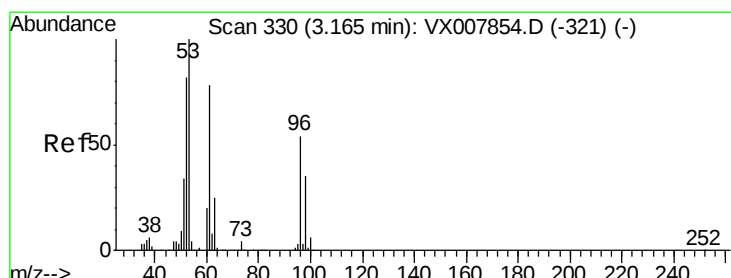
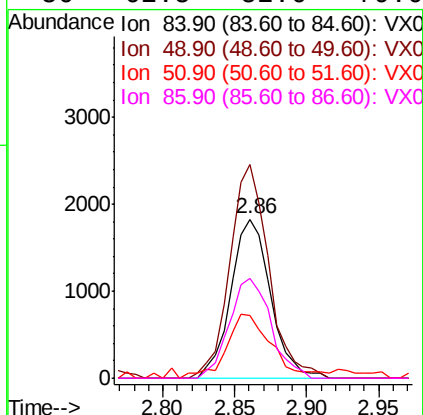
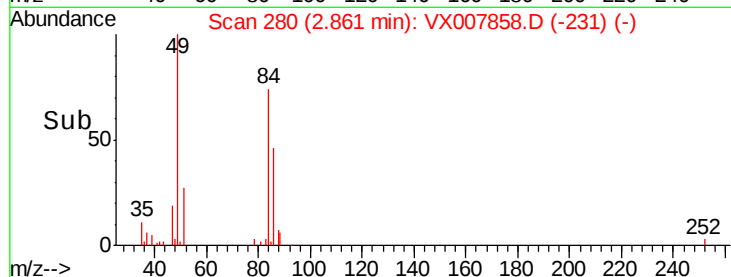
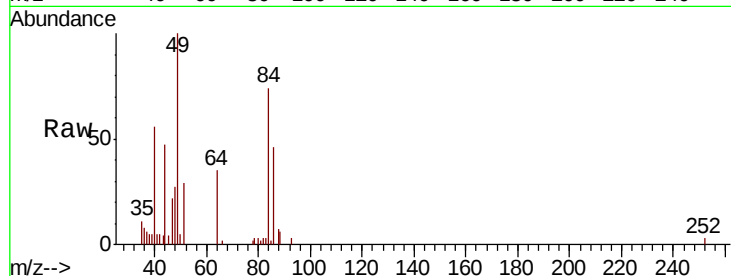
#20
Methvlene Chloride
Concen: 1.233 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:	84	Resp:	3512
Ion	Ratio	Lower	Upper
84	100		
49	134.4	99.3	148.9
51	35.8	31.3	46.9
86	62.5	52.6	79.0

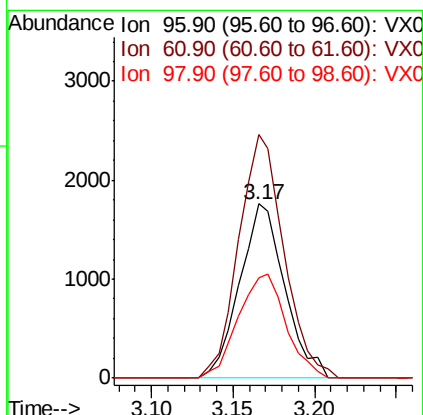
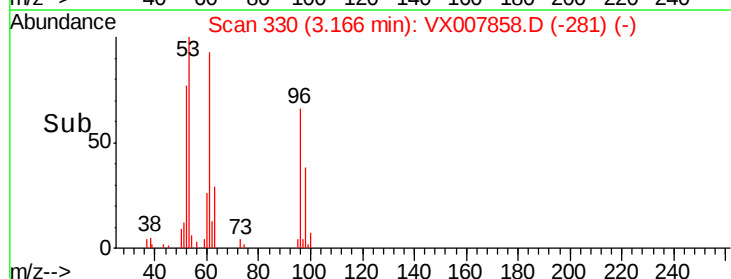
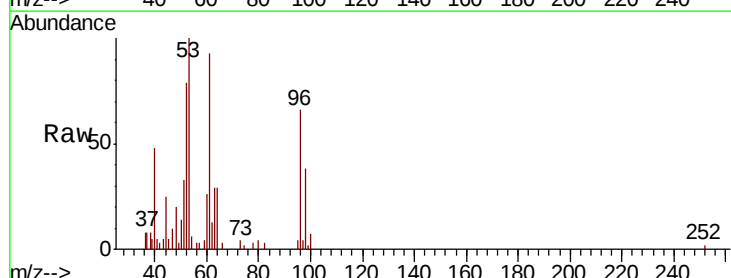
Manual Integrations
APPROVED

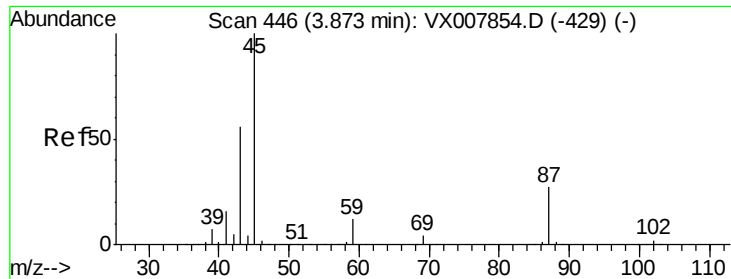
MMDadoda
3/7/2019 10:35:13 AM



#21
trans-1,2-Dichloroethene
Concen: 1.234 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion:	96	Resp:	3387
Ion	Ratio	Lower	Upper
96	100		
61	139.9	114.4	171.6
98	57.9	51.1	76.7





#22

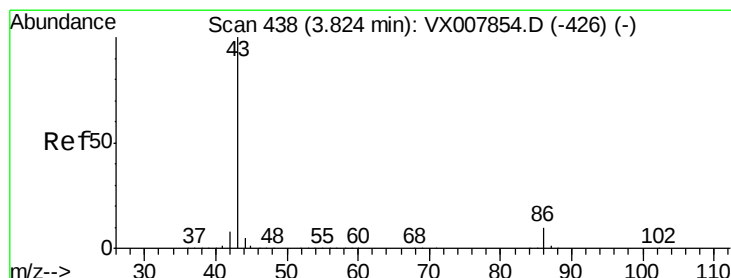
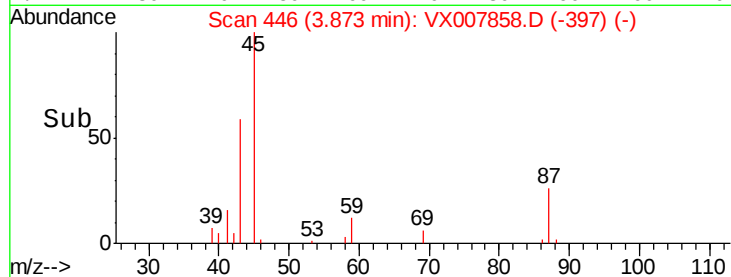
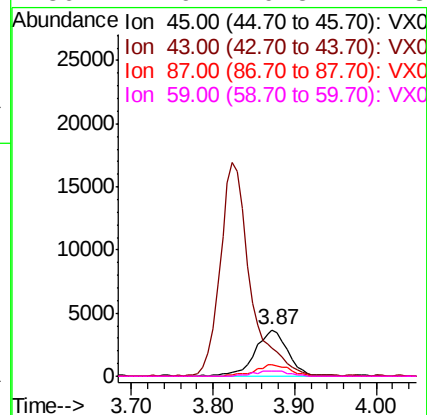
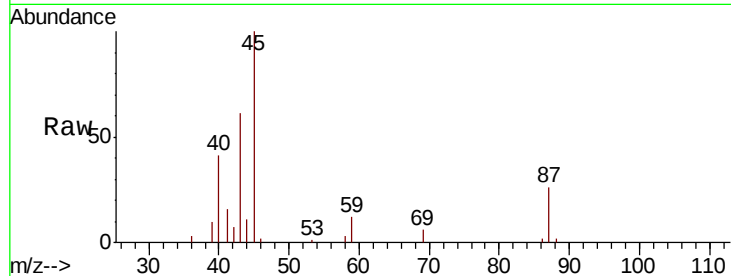
Diisopropyl ether
Concen: 1.078 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:	45	Resp:	10359
Ion	Ratio	Lower	Upper
45	100		
43	59.2	45.3	67.9
87	25.8	21.4	32.0
59	11.9	9.5	14.3

Manual Integrations
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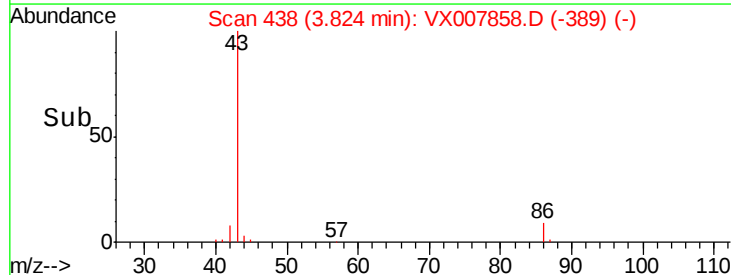
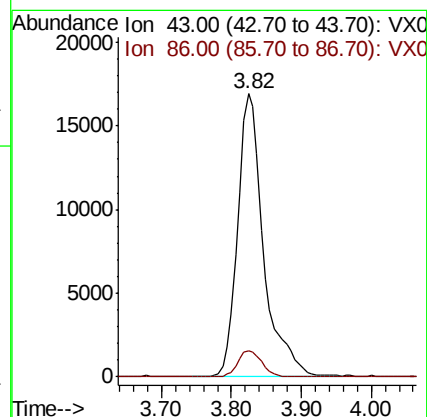
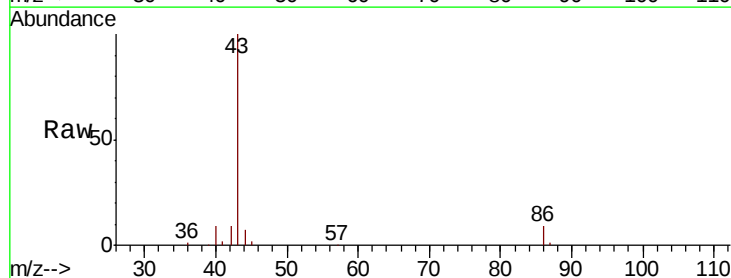
MMDadoda
3/7/2019 10:35:13 AM

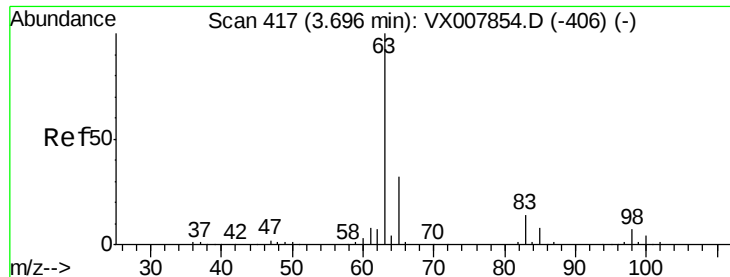


#23

Vinyl Acetate
Concen: 5.208 ug/l
RT: 3.82 min Scan# 438
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion:	43	Resp:	43870
Ion	Ratio	Lower	Upper
43	100		
86	9.1	7.9	11.9





#24

1,1-Dichloroethane

Concen: 1.068 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

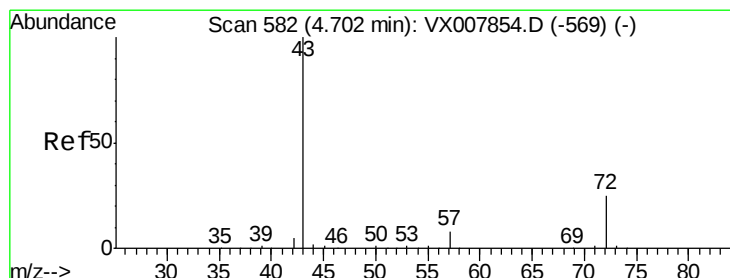
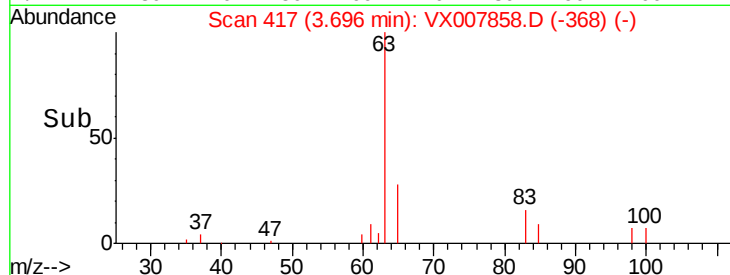
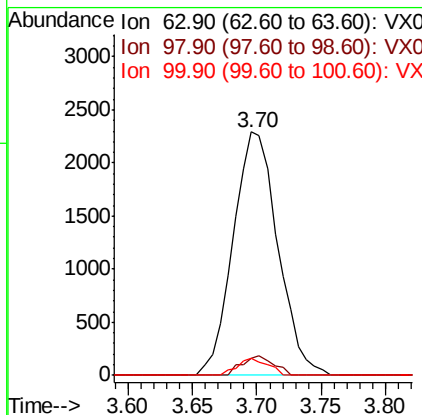
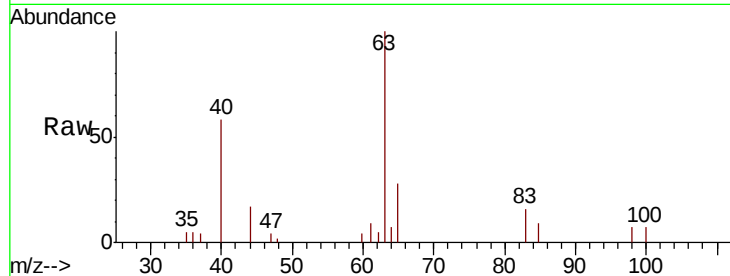
ClientSampleId :

VSTDIC001

Tot Ion:	63	Resp:	5523
Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.3	9.8
100	7.1	2.3	6.8#

Manual Integrations
APPROVED

MMDadoda
3/7/2019 10:35:13 AM



#25

2-Butanone

Concen: 5.252 ug/l

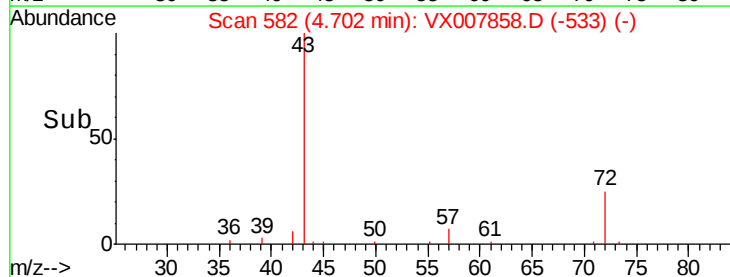
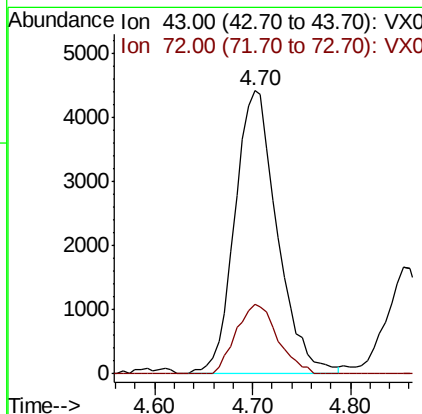
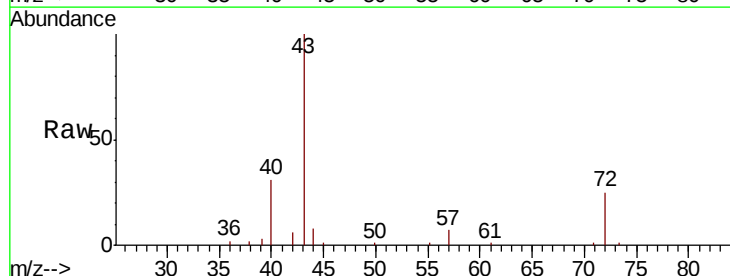
RT: 4.70 min Scan# 582

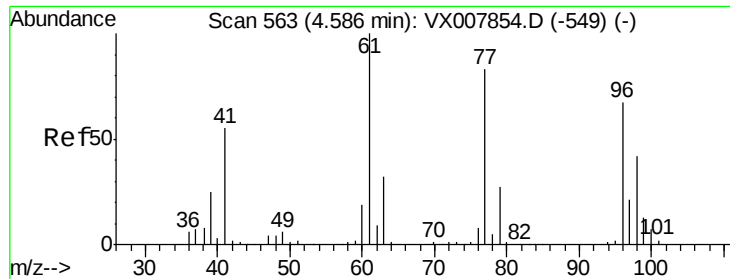
Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Tgt Ion:	43	Resp:	13305
Ion	Ratio	Lower	Upper
43	100		
72	24.7	19.9	29.9





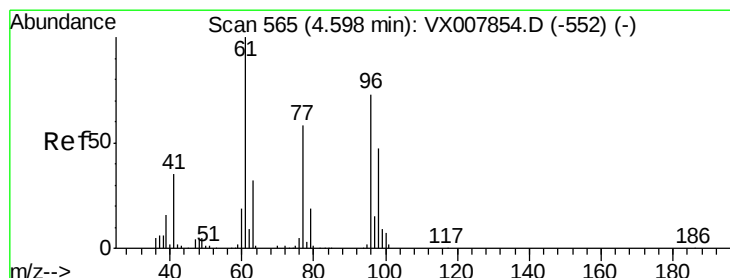
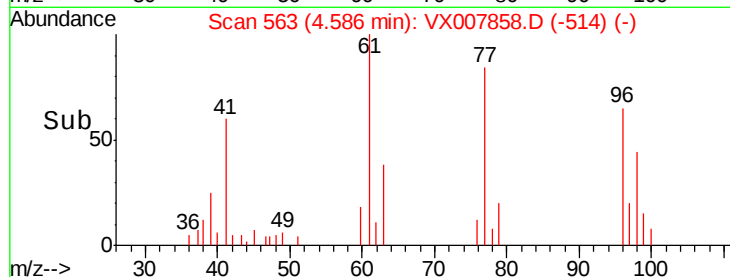
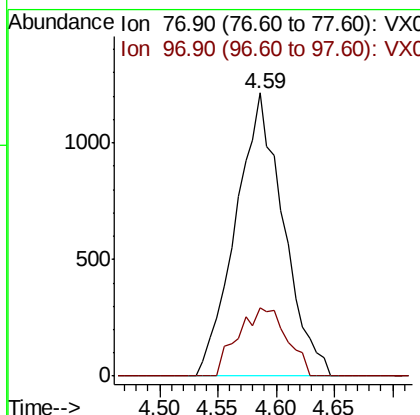
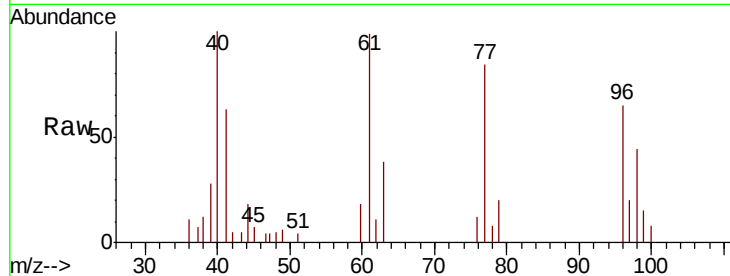
#26
 2,2-Dichloropropane
 Concen: 1.008 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion: 77 Resp: 3452
 Ion Ratio Lower Upper
 77 100
 97 24.7 12.2 36.6

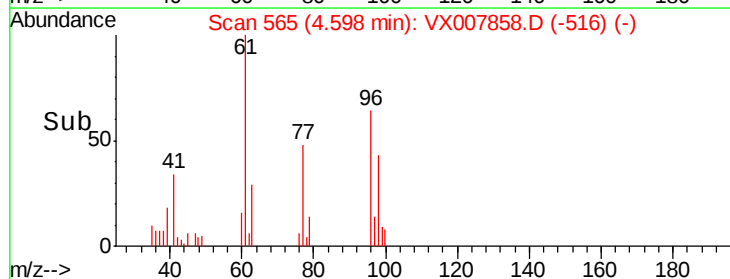
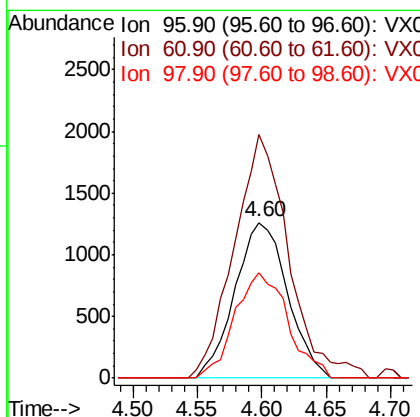
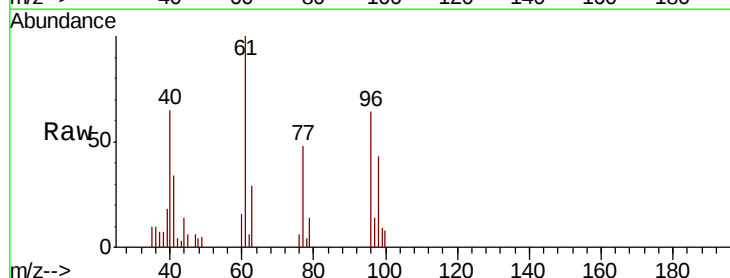
Manual Integrations
 APPROVED

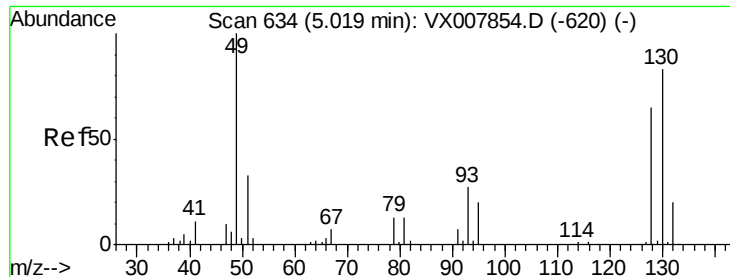
MMDadoda
 3/7/2019 10:35:13 AM



#27
 cis-1,2-Dichloroethene
 Concen: 1.139 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Tgt Ion: 96 Resp: 3575
 Ion Ratio Lower Upper
 96 100
 61 161.8 0.0 288.0
 98 68.2 0.0 129.0





#28

Bromochloromethane

Concen: 1.088 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

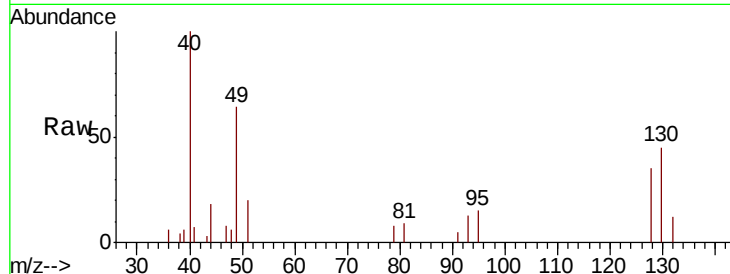
ClientSampleId :

VSTDIC001

Tot Ion:	49	Resp:	2623
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	79.3	65.0	97.4

Manual Integrations
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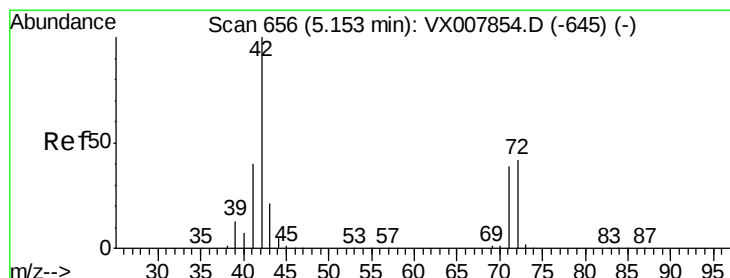
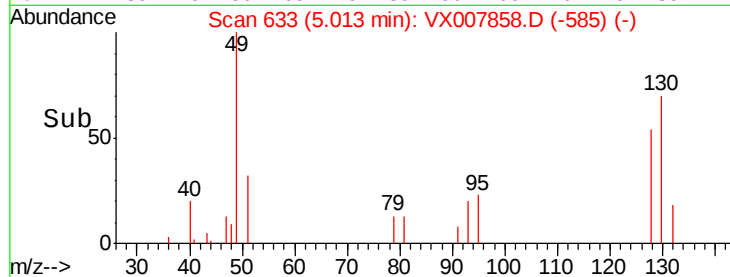
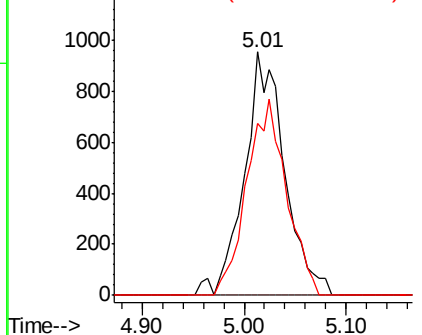
MMDadoda
3/7/2019 10:35:13 AM



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 5.415 ug/l

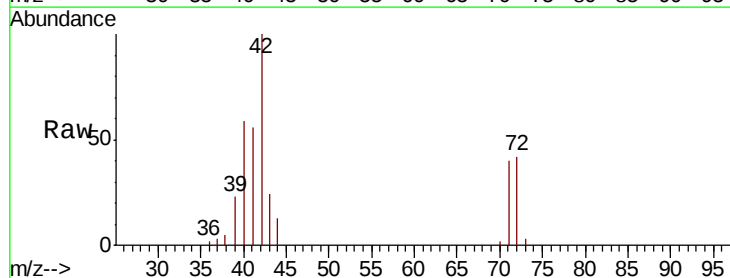
RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

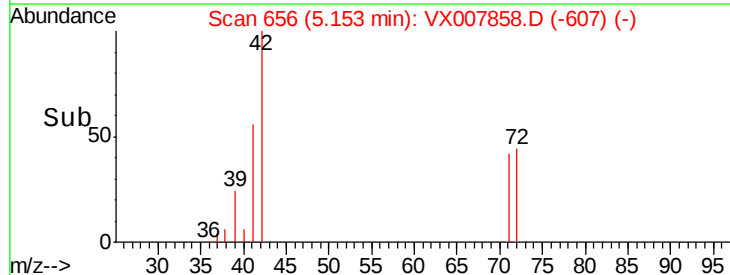
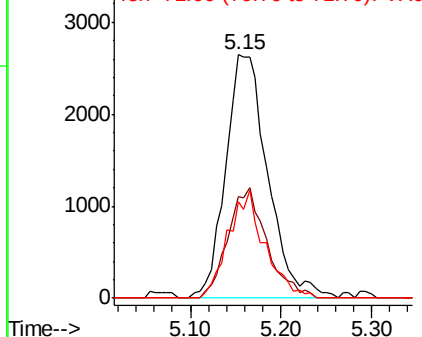
Tgt Ion:	42	Resp:	8558
Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.8	50.6
71	38.3	31.5	47.3

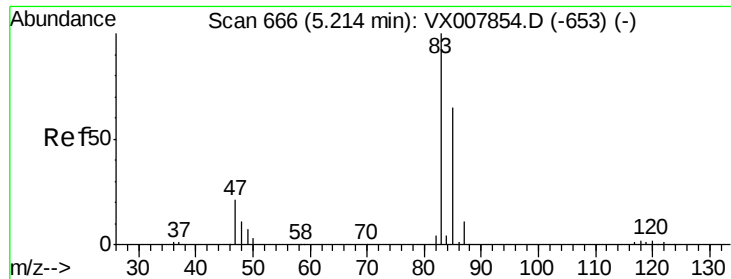


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





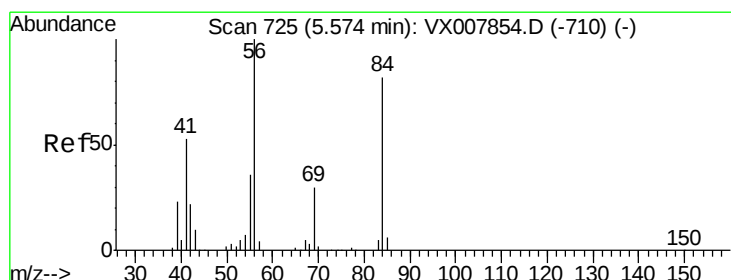
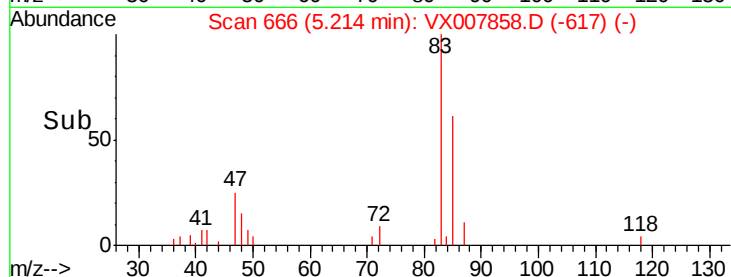
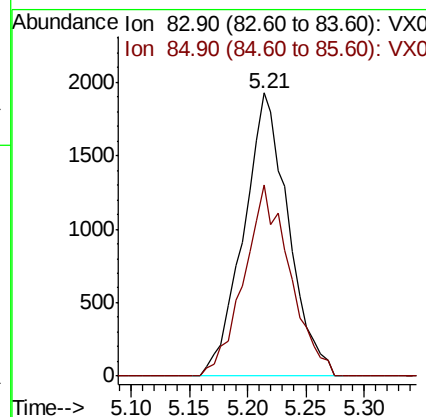
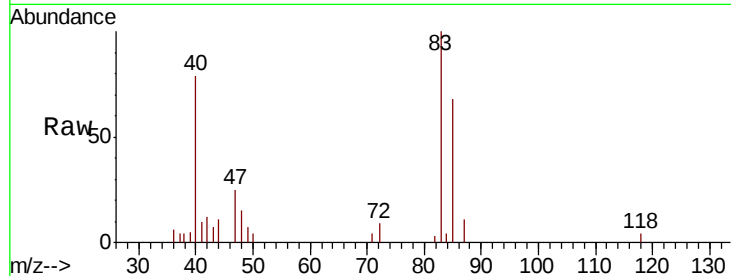
#30
Chloroform
Concen: 1.054 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 5155
Ion Ratio Lower Upper
83 100
85 67.5 51.8 77.6

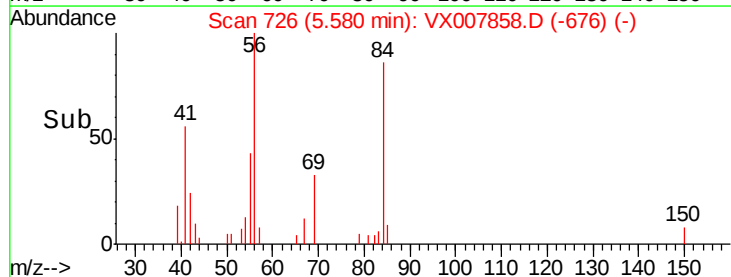
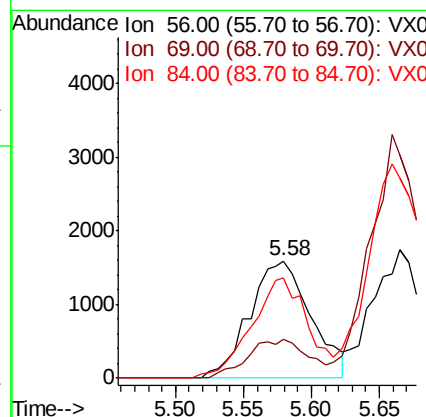
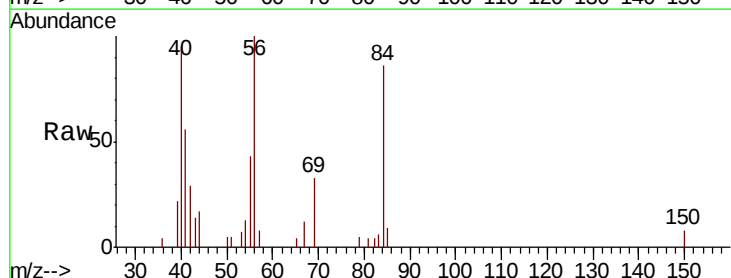
Manual Integrations
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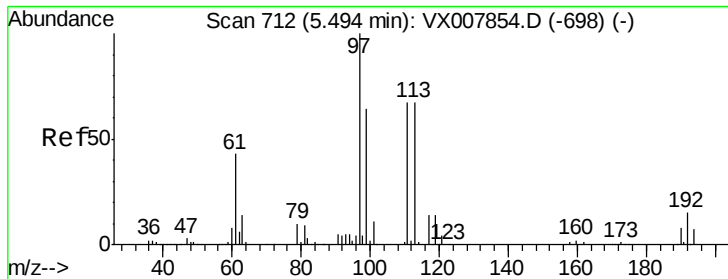
MMDadoda
3/7/2019 10:35:13 AM



#31
Cyclohexane
Concen: 1.050 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion: 56 Resp: 4988
Ion Ratio Lower Upper
56 100
69 33.2 24.0 36.0
84 85.6 65.3 97.9





#32

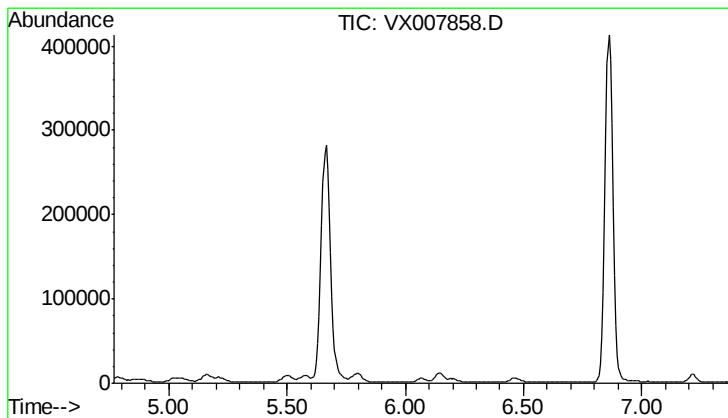
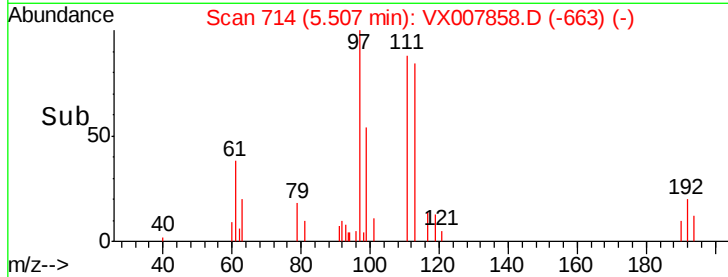
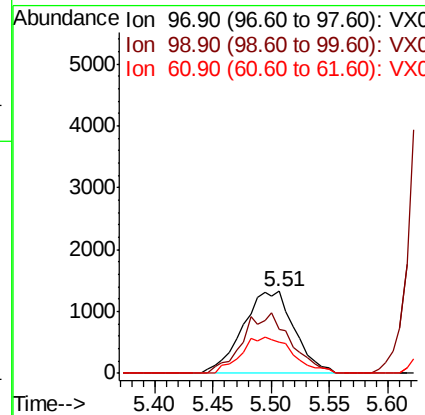
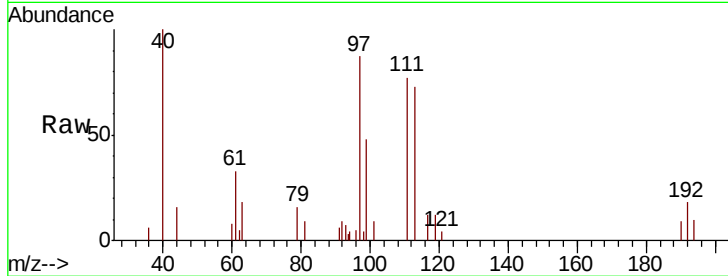
1,1,1-Trichloroethane
 Concen: 1.005 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.2	78.2#
61	44.7	34.9	52.3

Manual Integrations
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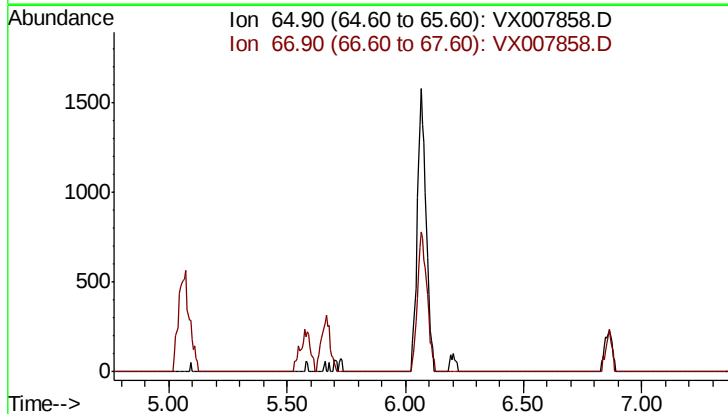


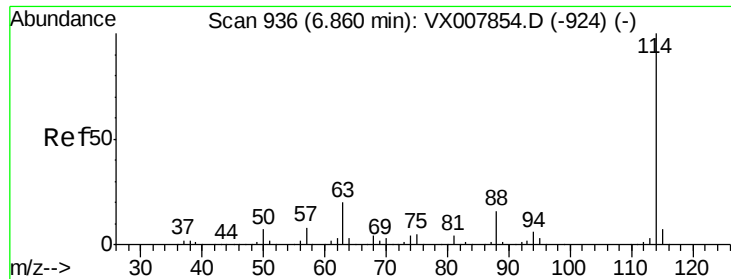
#33

1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 6.07 min

Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Tgt Ion	Exp Ratio
65	100
67	55.0





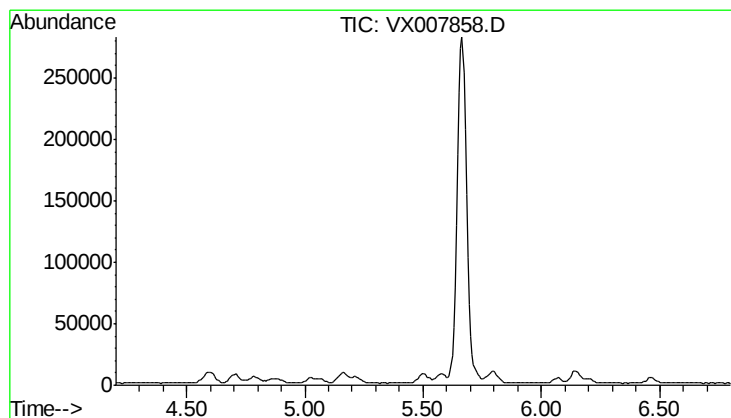
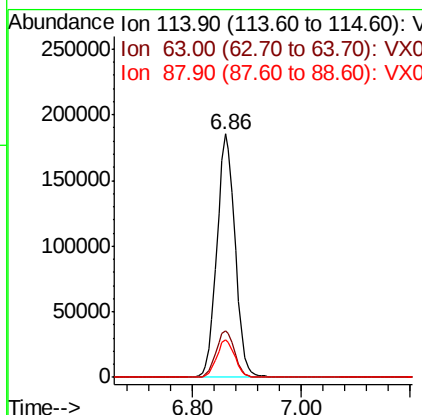
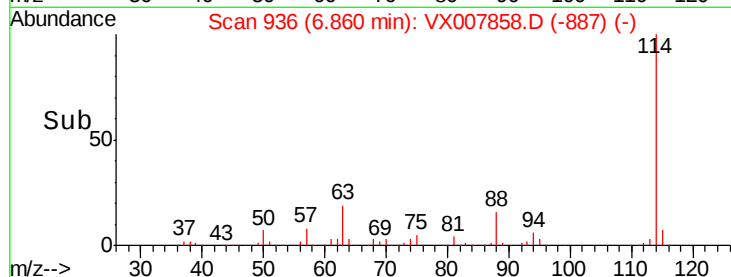
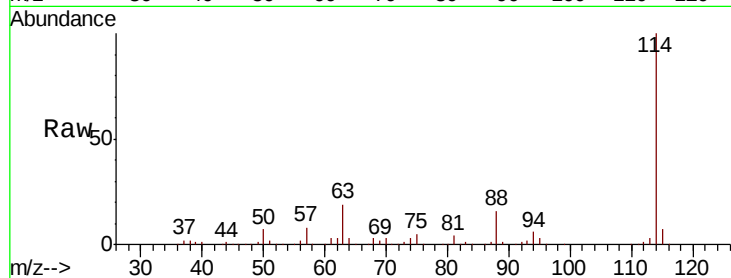
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.3	0.0	39.8
88	15.5	0.0	31.4

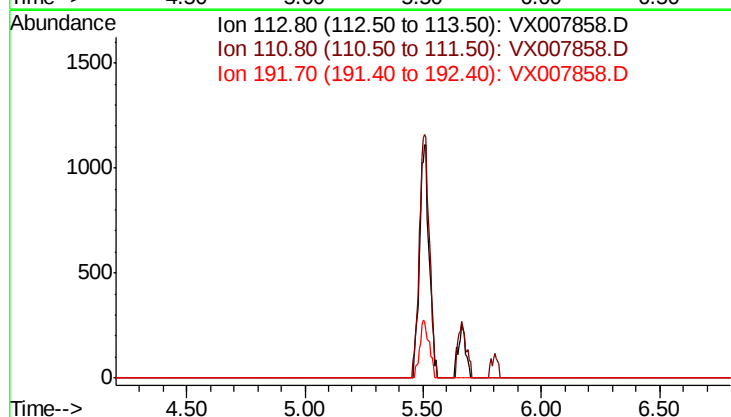
Manual Integrations
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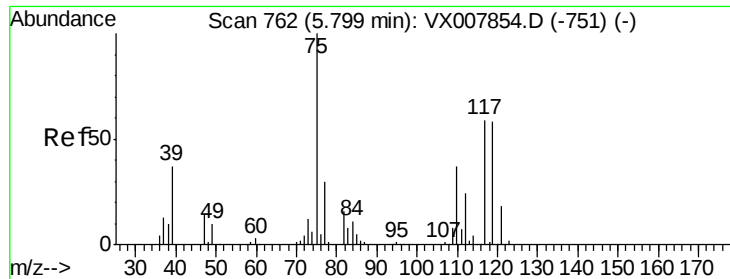
MMDadoda
 3/7/2019 10:35:13 AM



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 5.50 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Tgt Ion	Exp Ratio
113	100
111	101.7
192	24.2





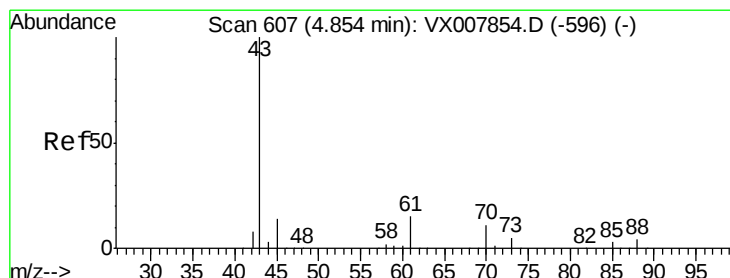
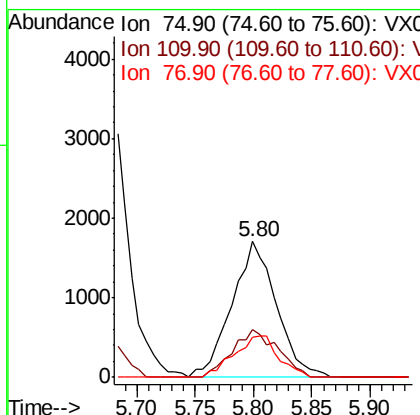
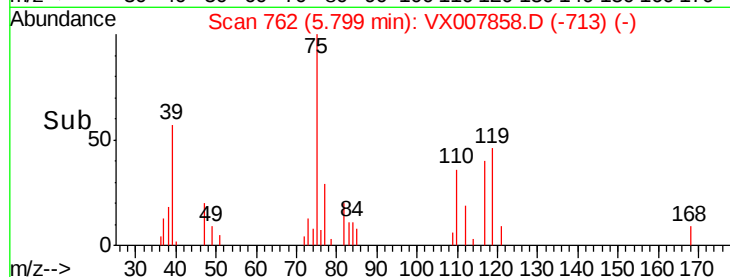
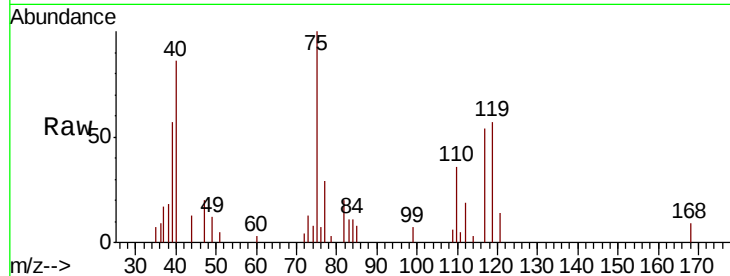
#36
 1,1-Dichloropropene
 Concen: 1.169 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.5	18.4	55.0
77	30.1	25.0	37.4

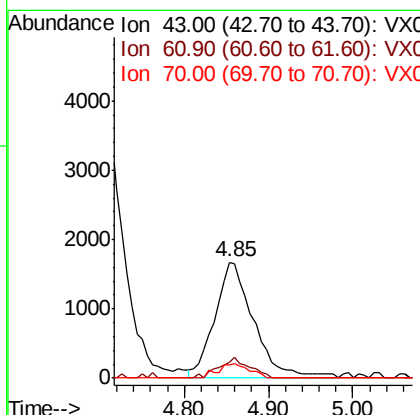
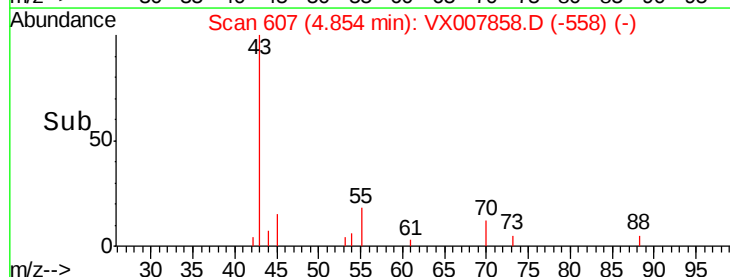
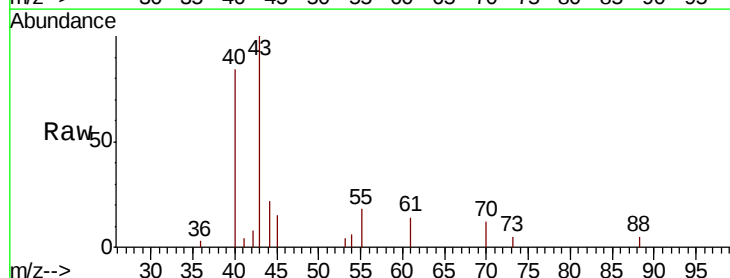
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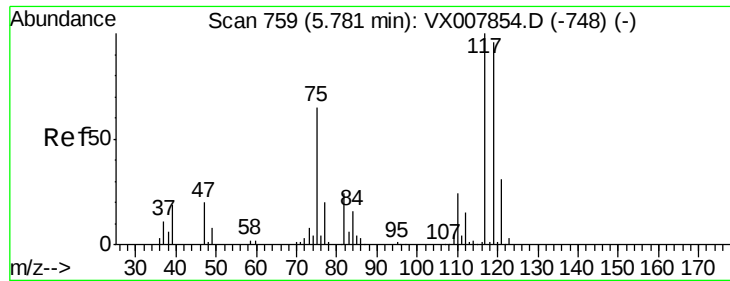
MMDadoda
 3/7/2019 10:35:13 AM



#37
 Ethyl Acetate
 Concen: 1.149 ug/l
 RT: 4.85 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.3	16.9
70	10.1	8.5	12.7





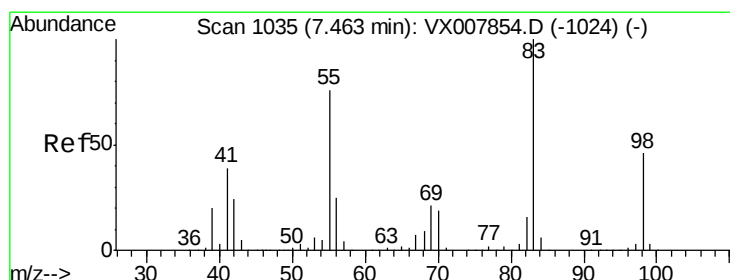
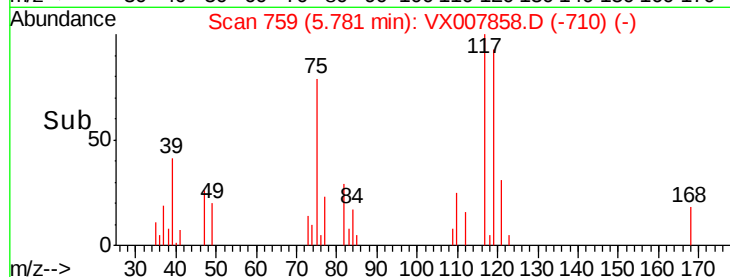
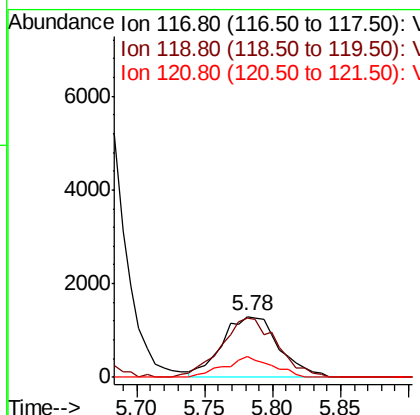
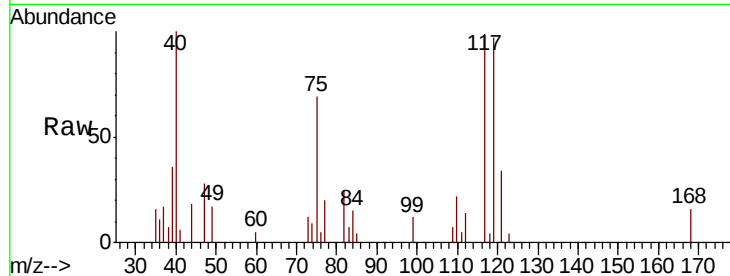
#38
Carbon Tetrachloride
Concen: 1.016 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.2	114.2
121	34.7	24.6	36.8

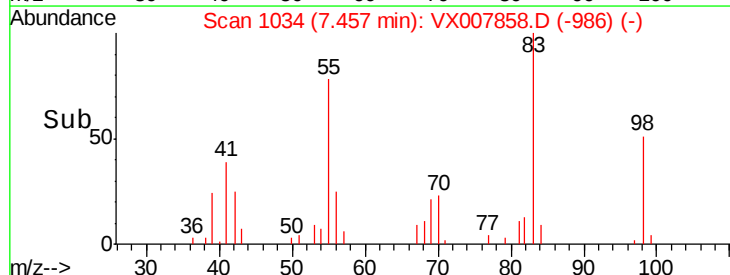
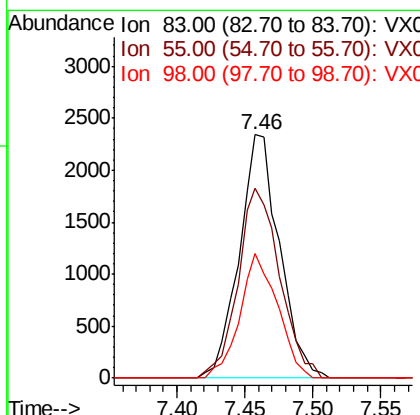
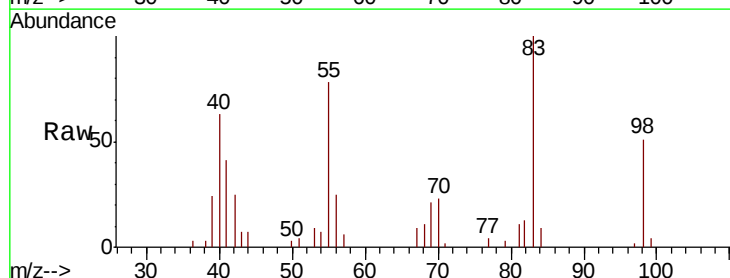
Manual Integrations
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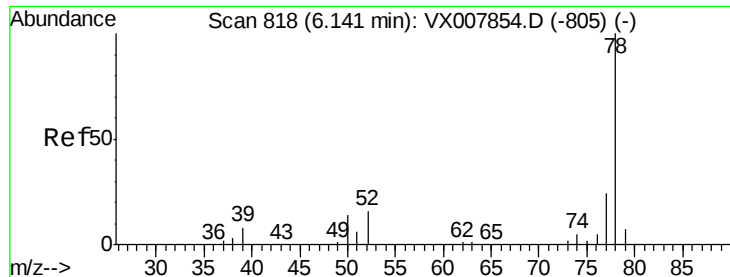
MMDadoda
3/7/2019 10:35:13 AM



#39
Methylcyclohexane
Concen: 1.026 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.2	60.4	90.6
98	51.3	36.5	54.7





#40

Benzene

Concen: 1.066 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 12368

Ion Ratio Lower Upper

78 100

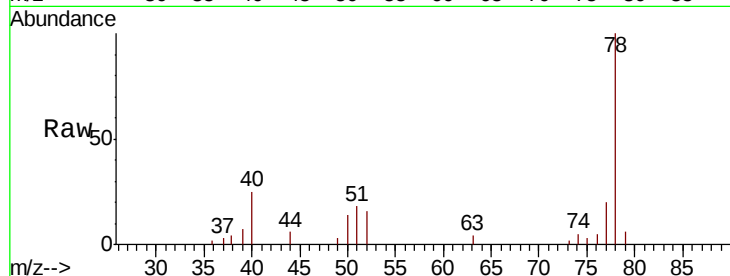
77 19.7 19.0 28.4

Manual Integrations

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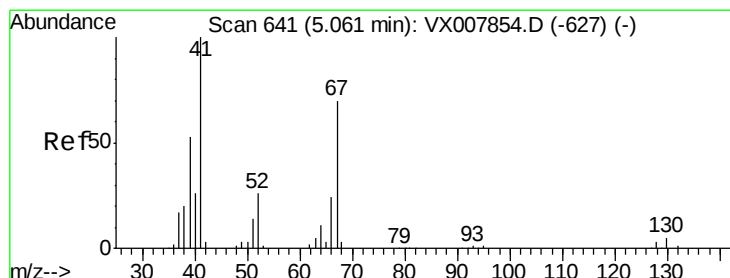
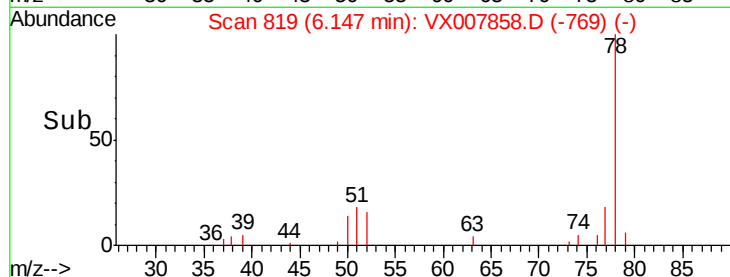
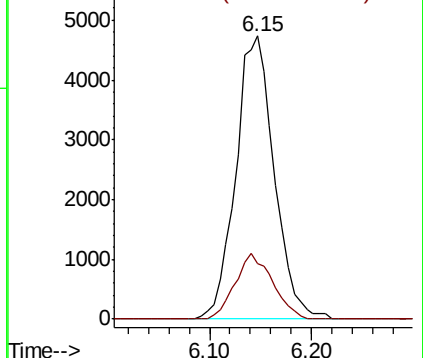
MMDadoda

3/7/2019 10:35:13 AM



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 1.082 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Tgt Ion: 41 Resp: 2728

Ion Ratio Lower Upper

41 100

39 0.0 41.6 62.4#

67 0.0 55.8 83.6#

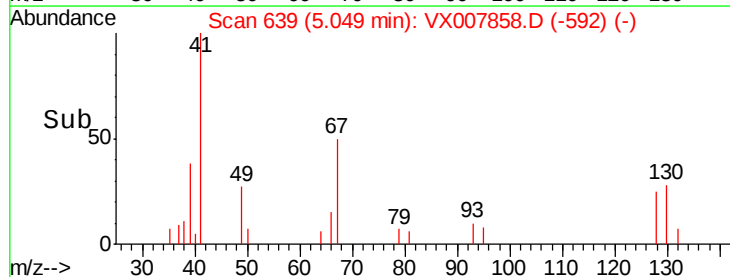
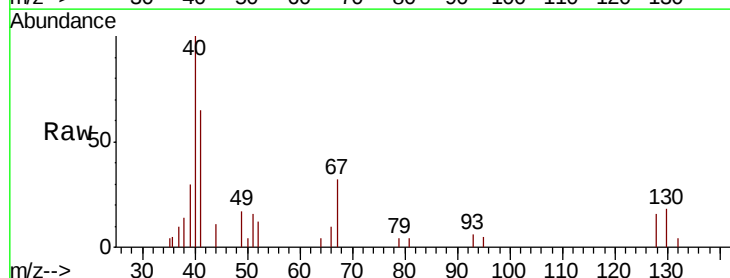
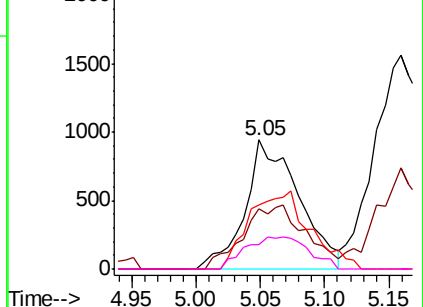
52 29.1 21.7 32.5

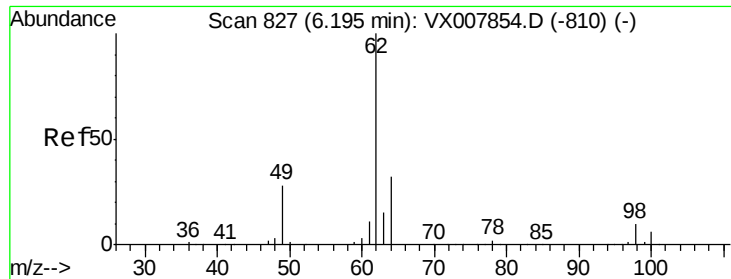
Abundance Ion 41.00 (40.70 to 41.70): VX0

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





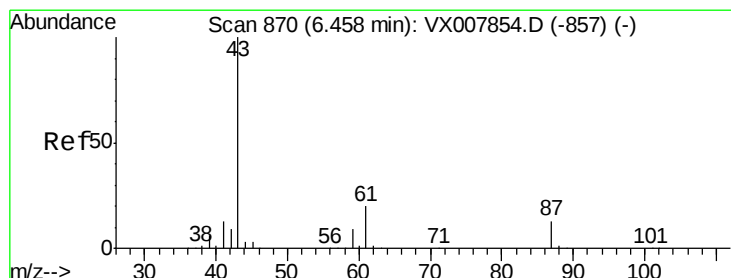
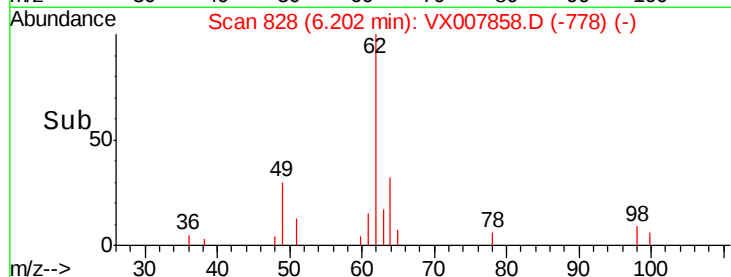
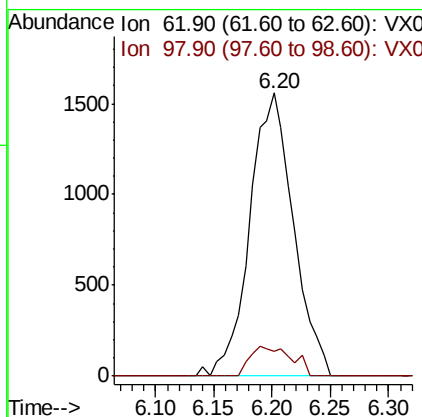
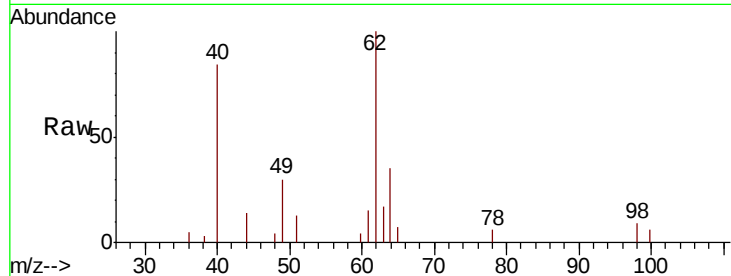
#42
 1,2-Dichloroethane
 Concen: 1.073 ug/l
 RT: 6.20 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.4

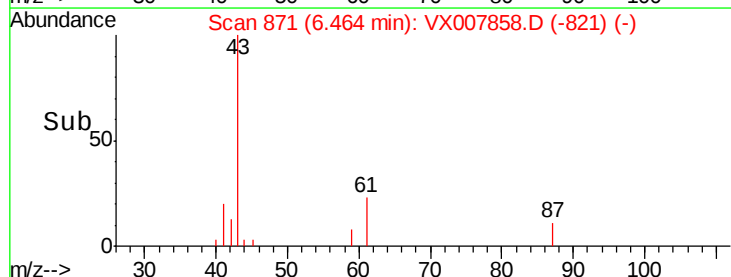
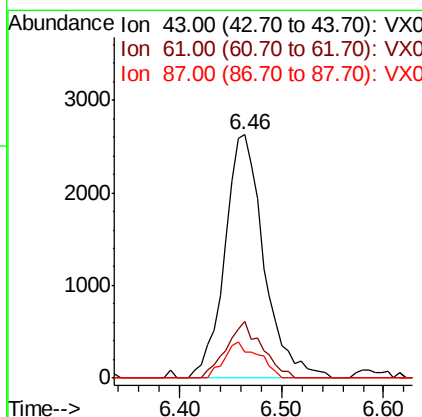
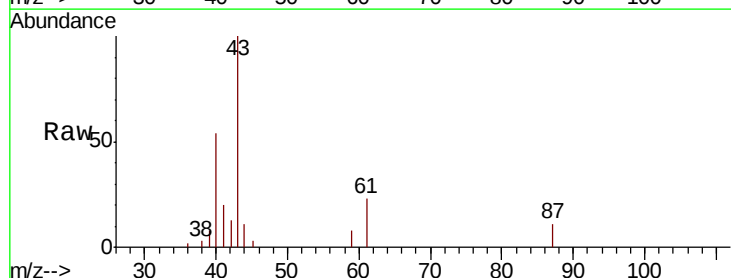
Manual Integrations
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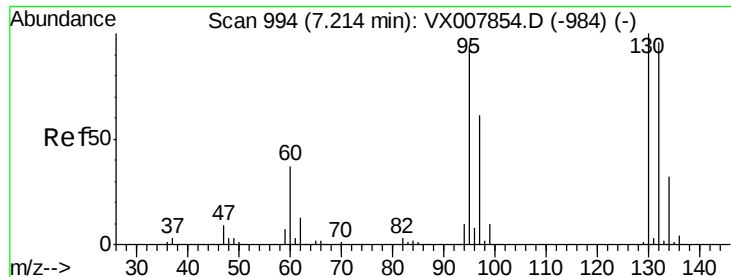
MMDadoda
 3/7/2019 10:35:13 AM



#43
 Isopropyl Acetate
 Concen: 1.018 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.3	24.5
87	12.9	10.5	15.7





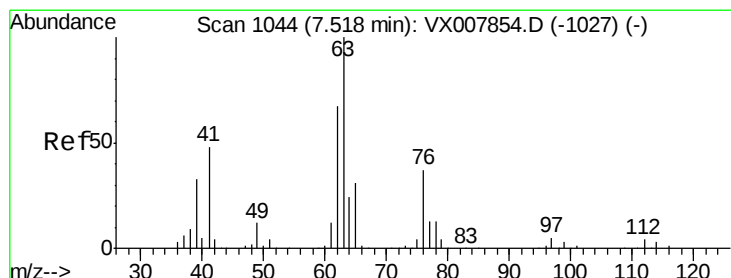
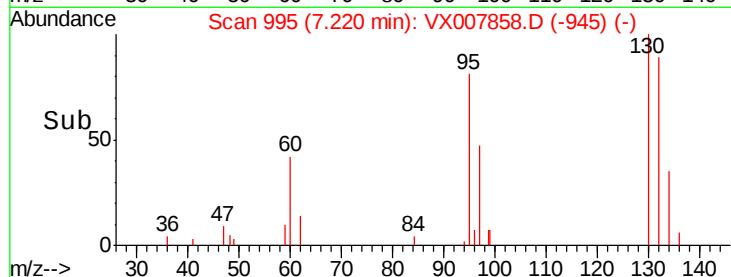
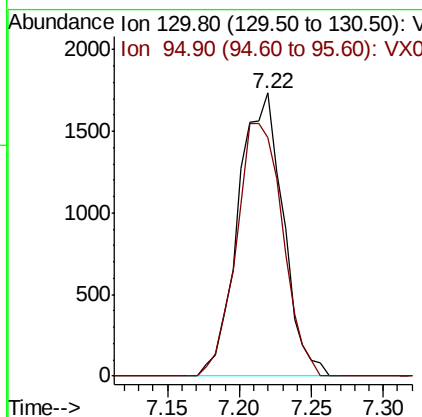
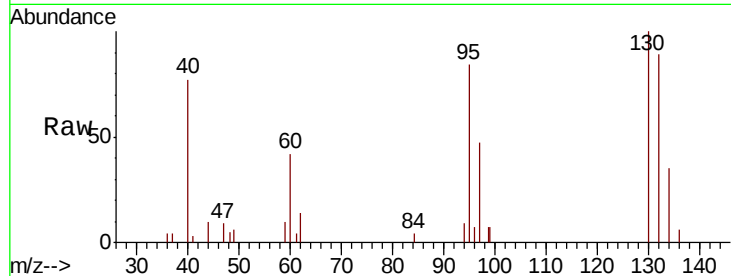
#44
 Trichloroethene
 Concen: 1.174 ug/l
 RT: 7.22 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:130 Resp: 3752
 Ion Ratio Lower Upper
 130 100
 95 84.1 0.0 188.0

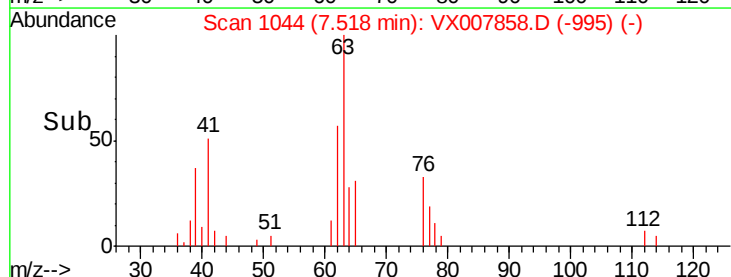
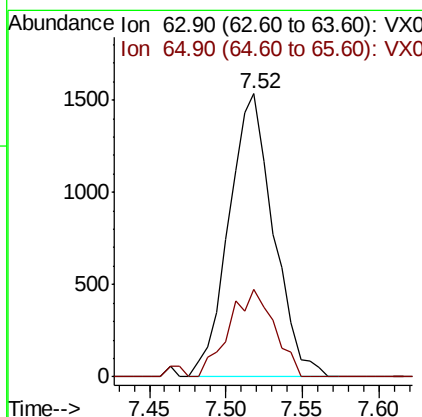
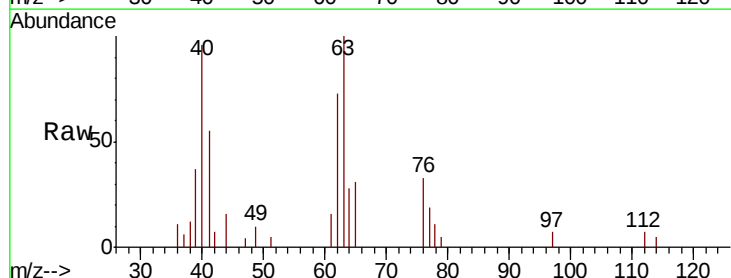
Manual Integrations
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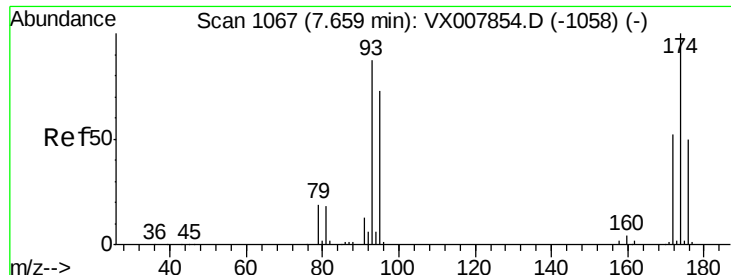
MMDadoda
 3/7/2019 10:35:13 AM



#45
 1,2-Dichloropropane
 Concen: 1.014 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Tgt Ion: 63 Resp: 3107
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.7 37.1





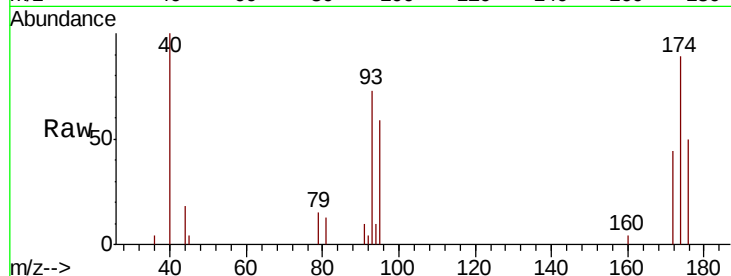
#46
Dibromomethane
Concen: 1.075 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. 0.01 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

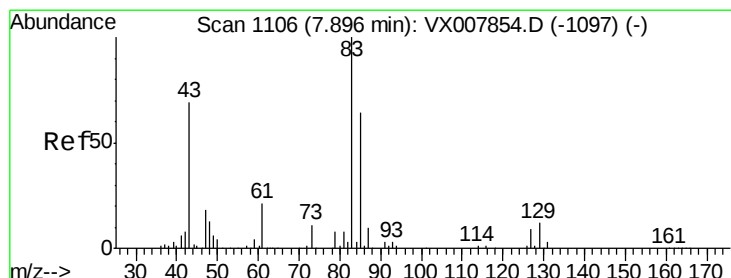
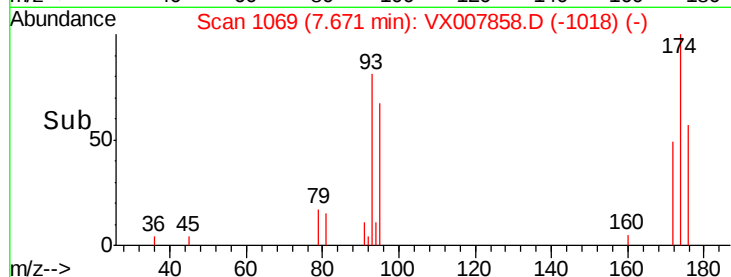
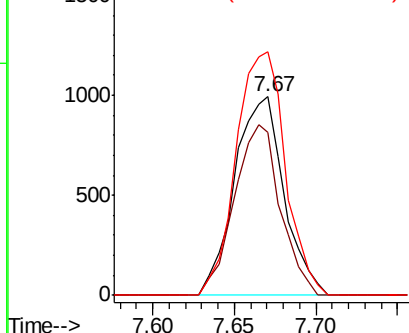
Tot Ion	Ratio	Lower	Upper
93	100		
95	80.2	66.8	100.2
174	122.1	97.3	145.9

Manual Integrations
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MMDadoda
3/7/2019 10:35:13 AM

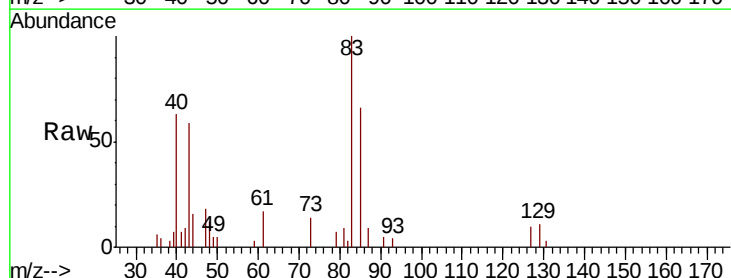


Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V

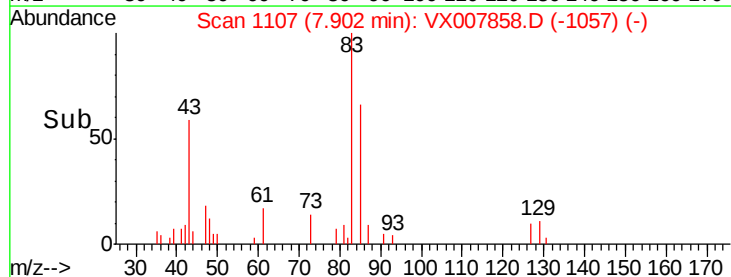
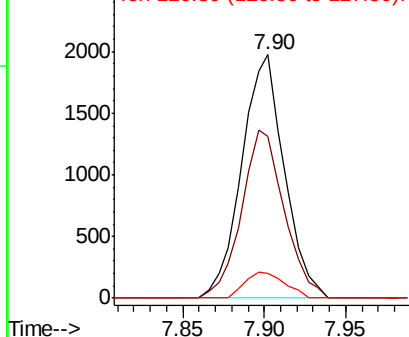


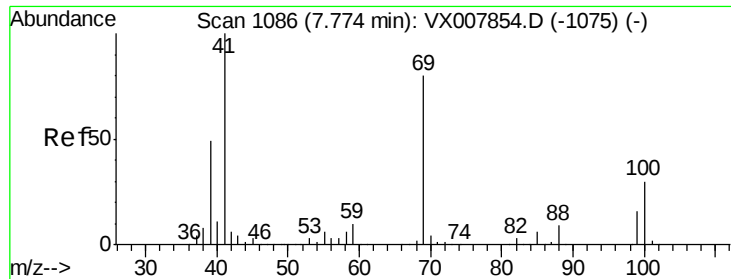
#47
Bromodichloromethane
Concen: 0.974 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	50.9	76.3
127	10.3	7.4	11.0



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





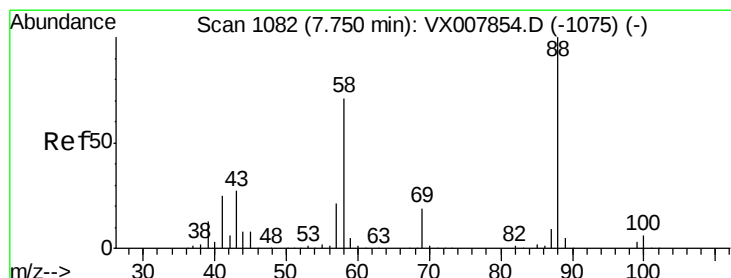
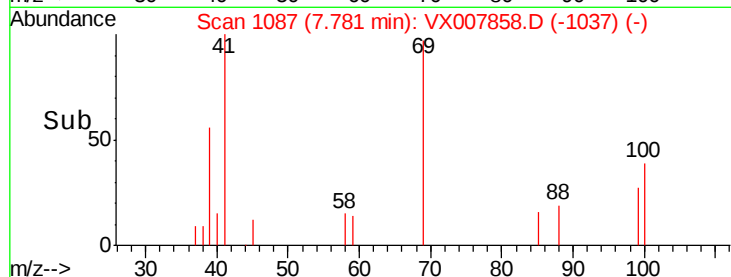
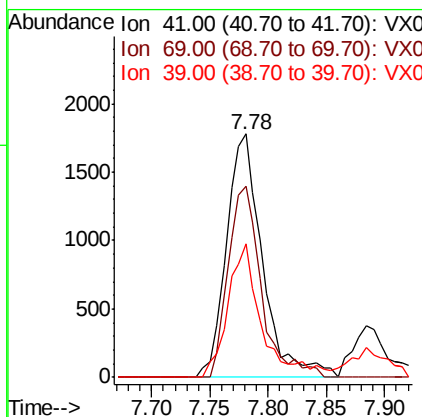
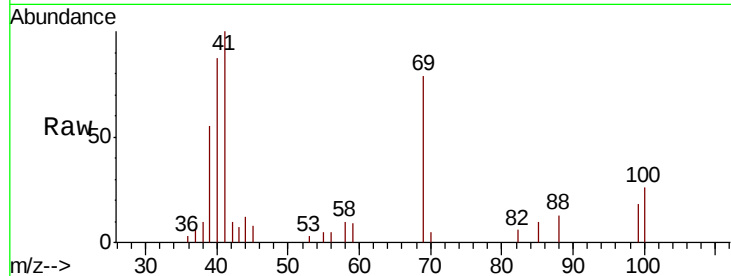
#48
Methvl methacrylate
Concen: 1.063 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	72.5	65.2	97.8
39	51.4	39.4	59.2

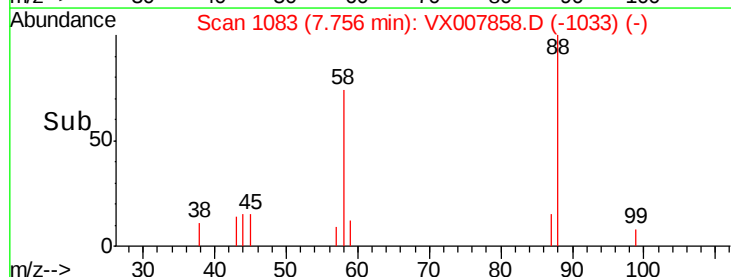
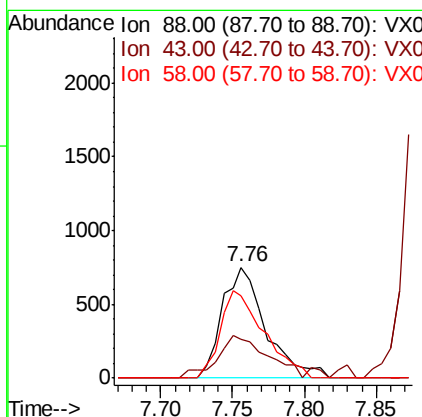
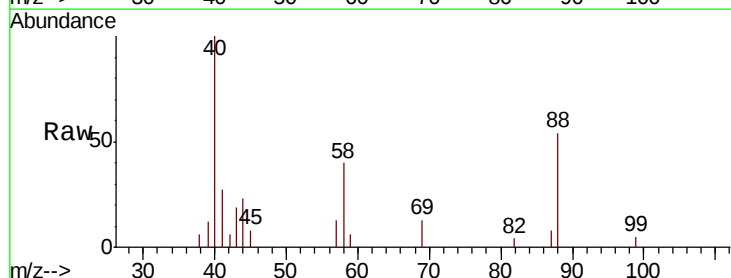
Manual Integrations
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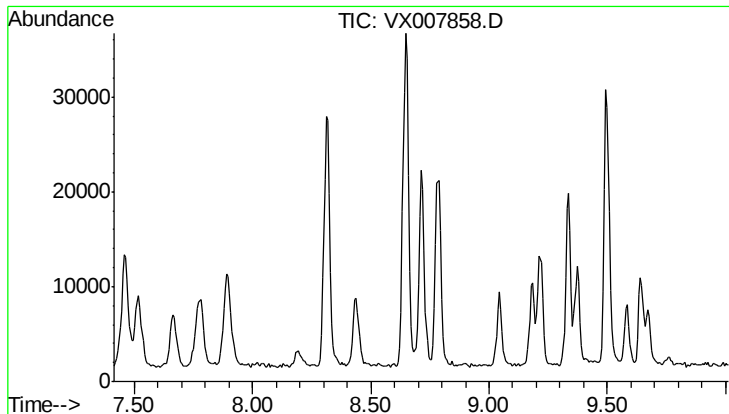
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3/7/2019 10:35:13 AM



#49
1,4-Dioxane
Concen: 21.437 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
88	100		
43	43.8	25.1	37.7#
58	79.4	57.8	86.6





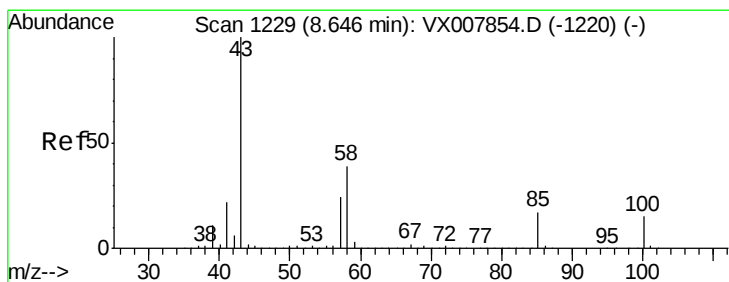
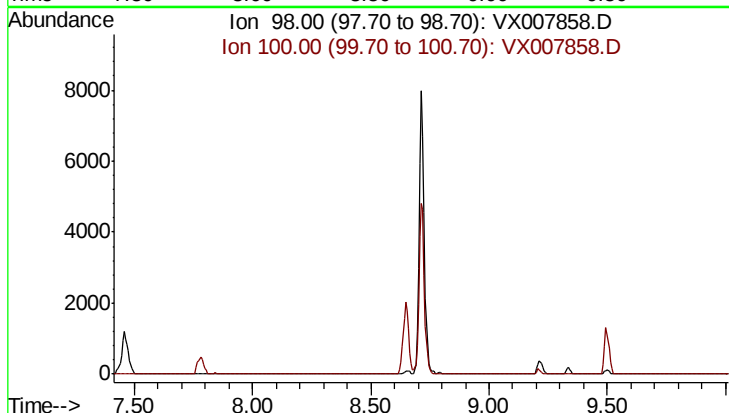
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.71 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 64.6

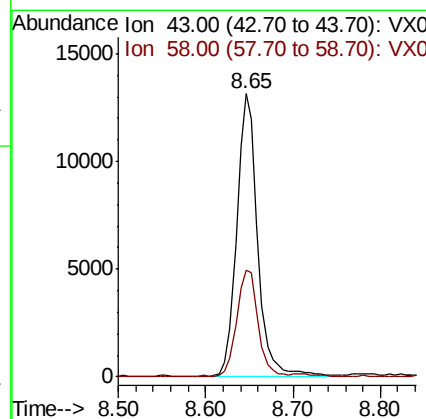
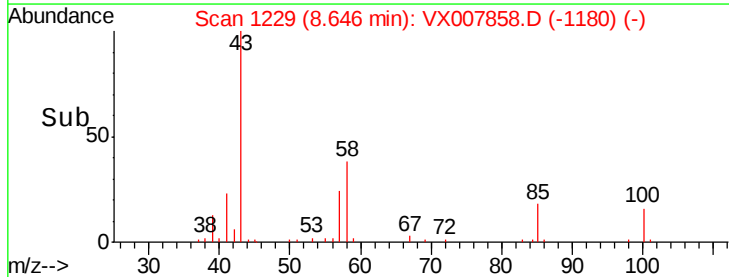
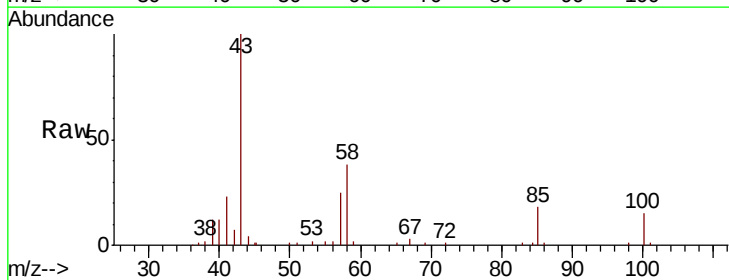
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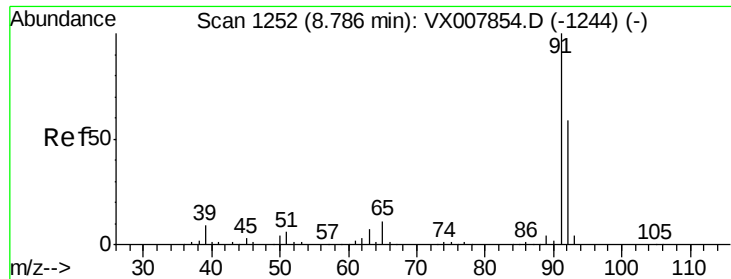
MMDadoda
3/7/2019 10:35:13 AM



#51
4-Methyl-2-Pentanone
Concen: 5.021 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion: 43 Resp: 22093
Ion Ratio Lower Upper
43 100
58 38.5 31.3 46.9





#52

Toluene

Concen: 1.046 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 7403

Ion Ratio Lower Upper

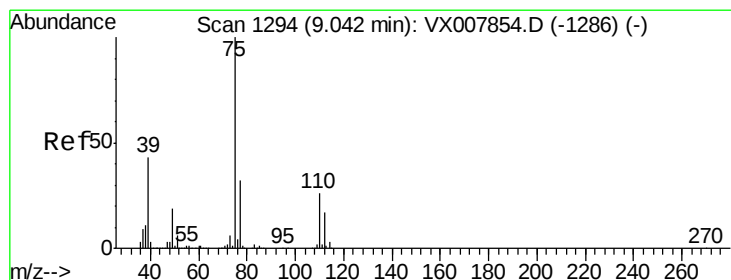
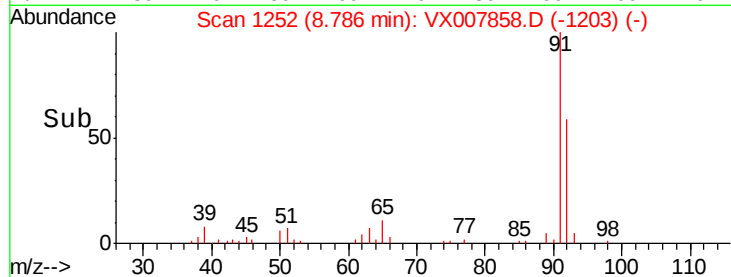
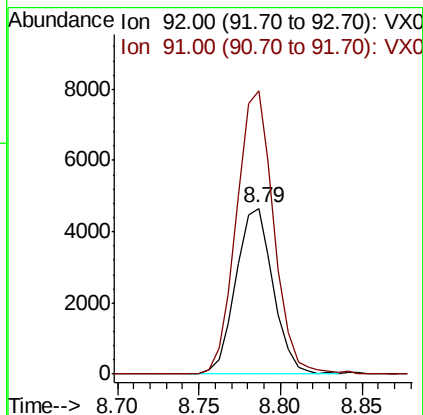
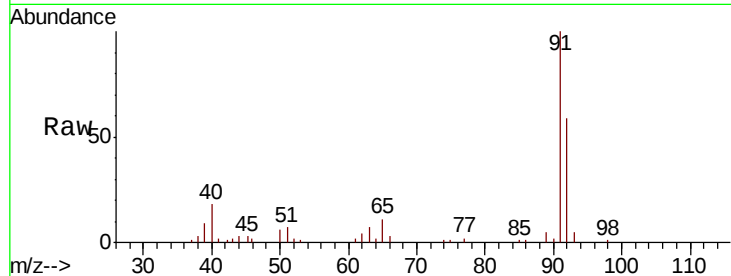
92 100

91 171.3 137.4 206.0

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3/7/2019 10:35:13 AM



#53

t-1,3-Dichloropropene

Concen: 0.860 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007858.D

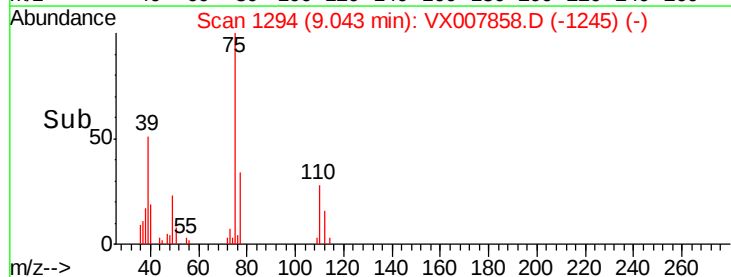
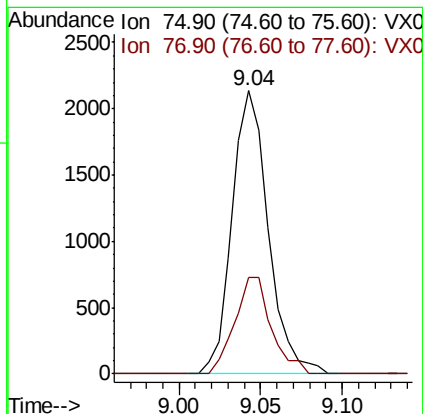
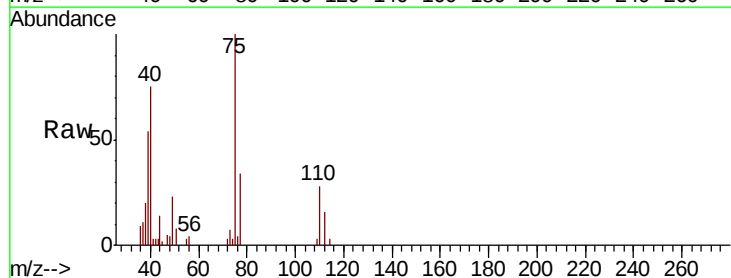
Acq: 06 Mar 2019 12:47

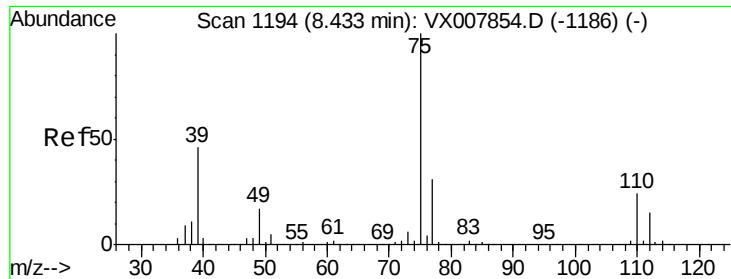
Tgt Ion: 75 Resp: 3300

Ion Ratio Lower Upper

75 100

77 34.1 25.4 38.0





#54

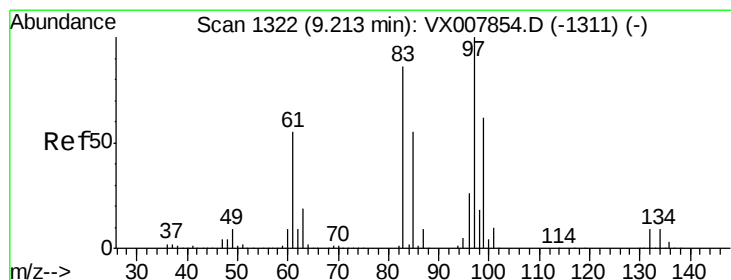
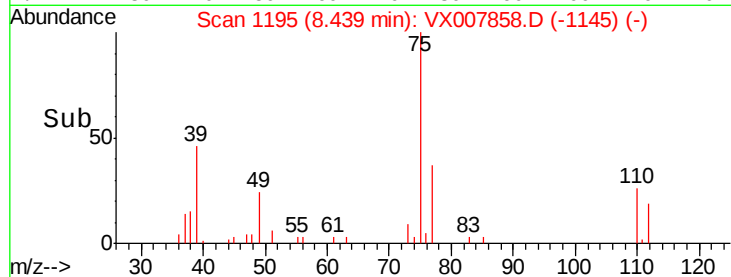
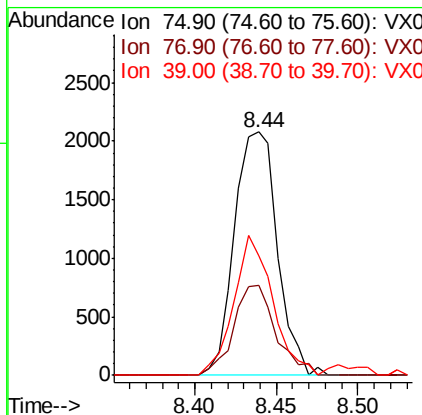
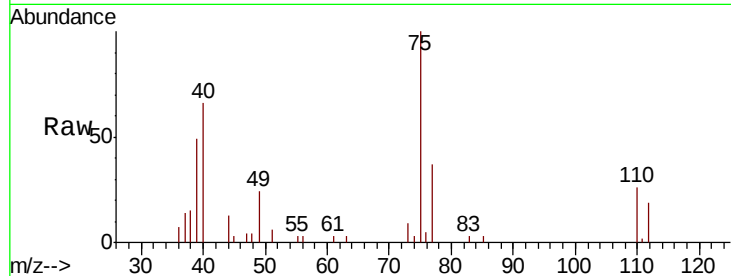
cis-1,3-Dichloropropene
 Concen: 0.879 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	36.7	25.0	37.6
39	48.9	36.6	54.8

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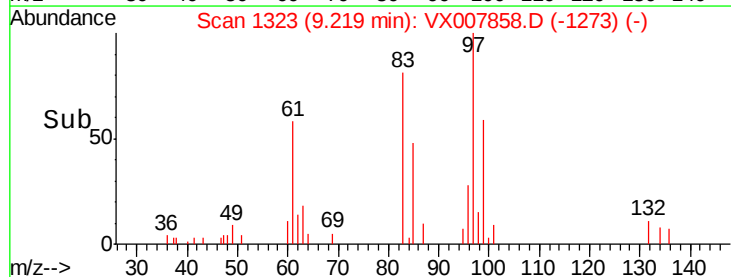
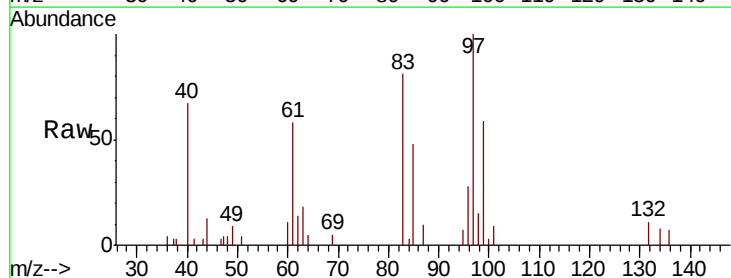
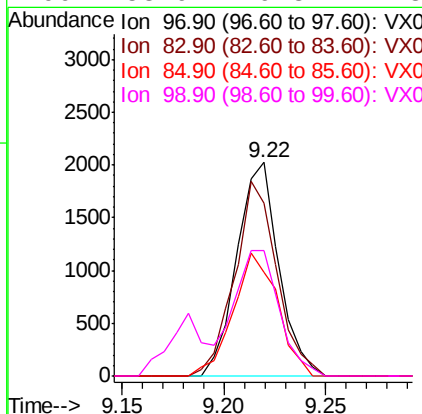
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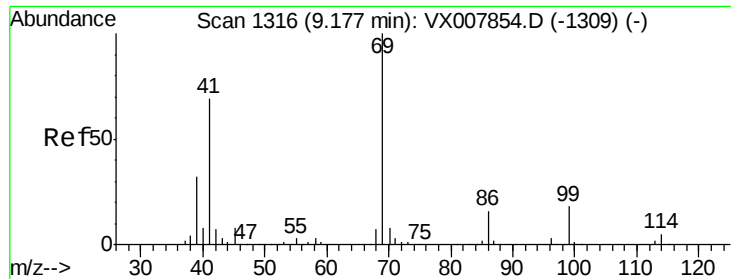


#55

1,1,2-Trichloroethane
 Concen: 1.005 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.9	69.1	103.7
85	48.3	44.3	66.5
99	58.9	49.8	74.8





#56

Ethyl methacrylate

Concen: 0.896 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

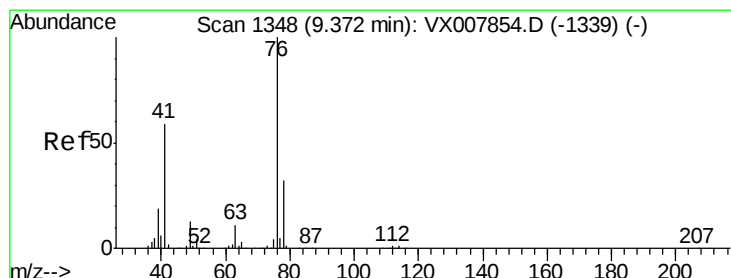
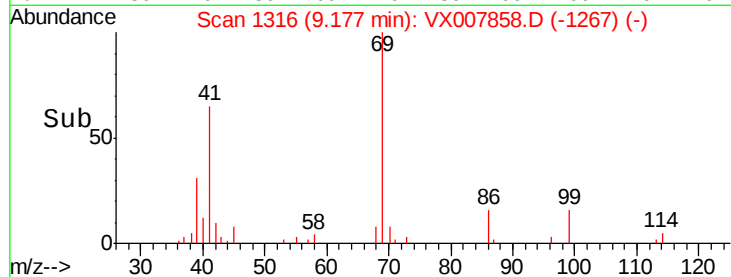
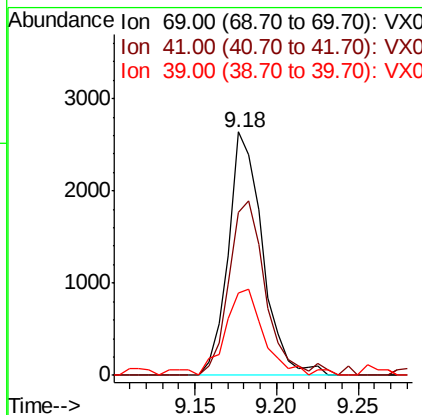
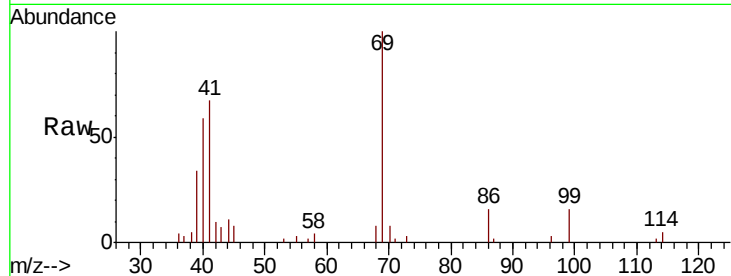
ClientSampled :

VSTDIC001

Tot Ion:	69	Resp:	3855
Ion	Ratio	Lower	Upper
69	100		
41	77.1	54.2	81.4
39	40.7	25.0	37.4

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#57

1,3-Dichloropropane

Concen: 1.035 ug/l

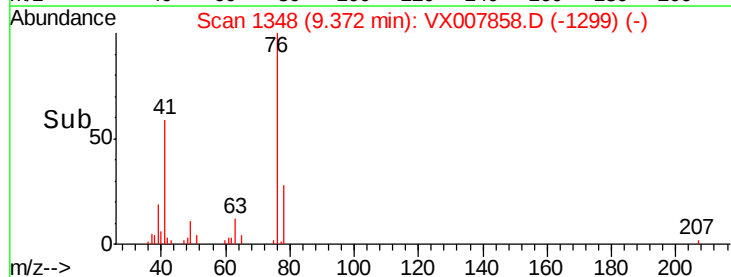
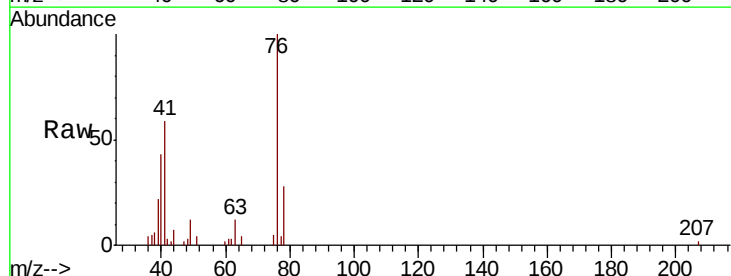
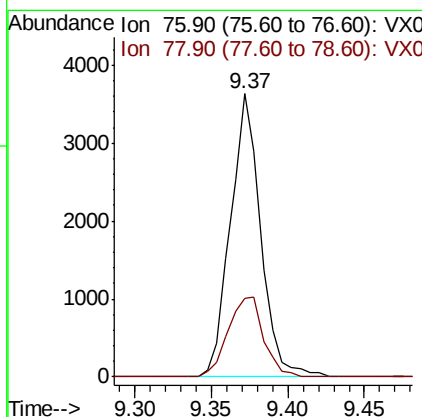
RT: 9.37 min Scan# 1348

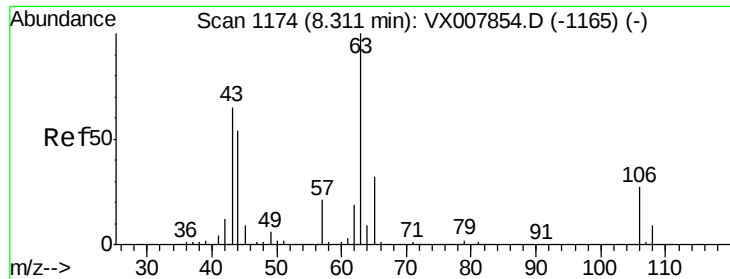
Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Tgt Ion:	76	Resp:	4982
Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.5	38.3





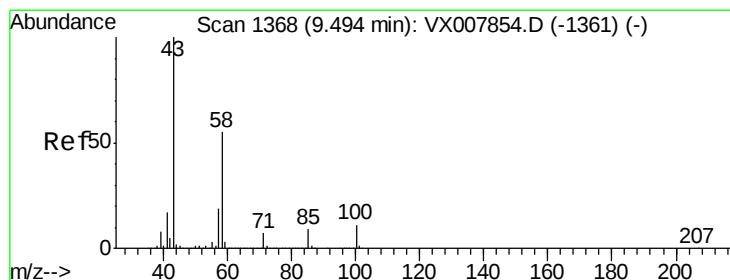
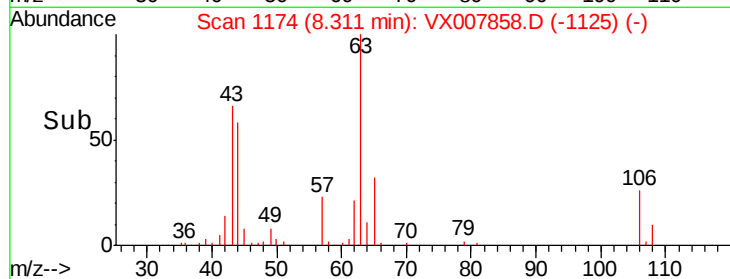
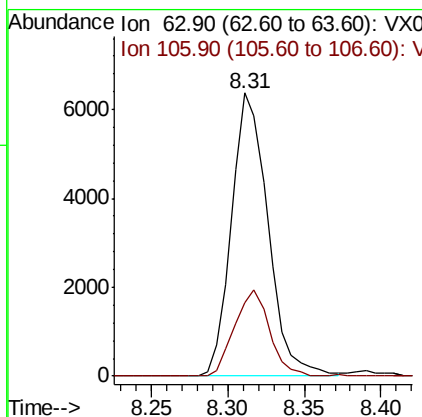
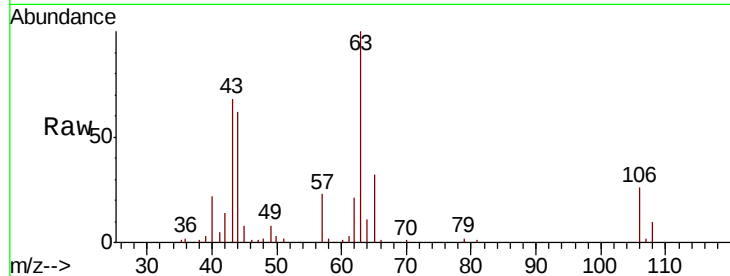
#58
2-Chloroethyl Vinyl ether
Concen: 4.732 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	63	Resp	10533
Ion Ratio	Lower	Upper	
63	100		
106	29.1	22.2	33.2

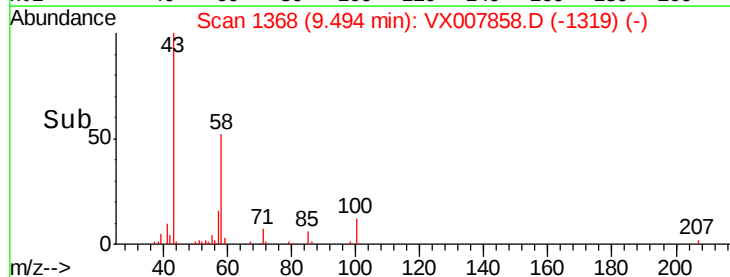
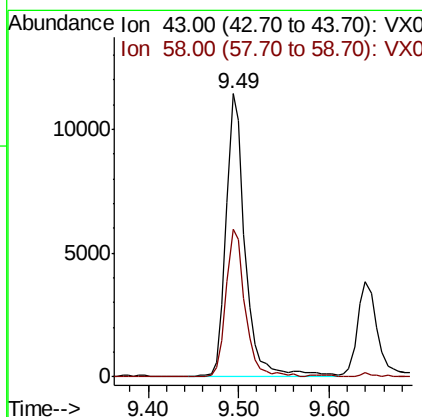
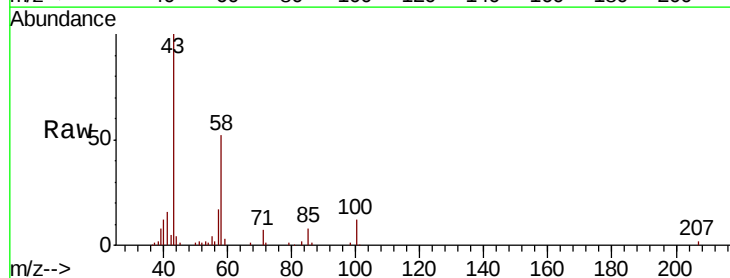
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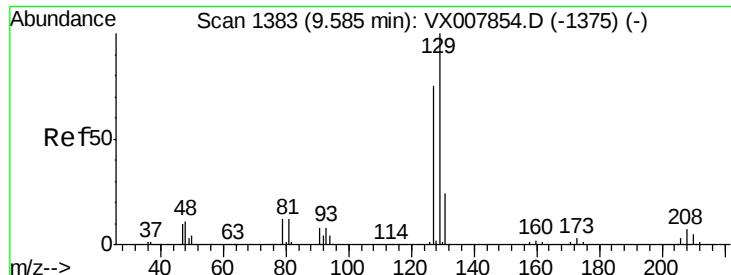
MMDadoda
3/7/2019 10:35:13 AM



#59
2-Hexanone
Concen: 4.936 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion	43	Resp	16863
Ion Ratio	Lower	Upper	
43	100		
58	52.0	27.6	82.7





#60

Dibromochloromethane

Concen: 0.881 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 2639

Ion Ratio Lower Upper

129 100

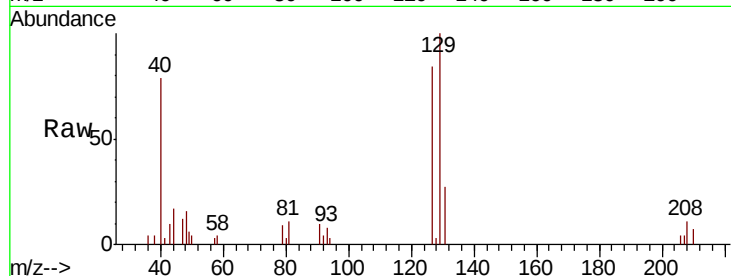
127 79.4 38.3 114.8

Manual Integrations

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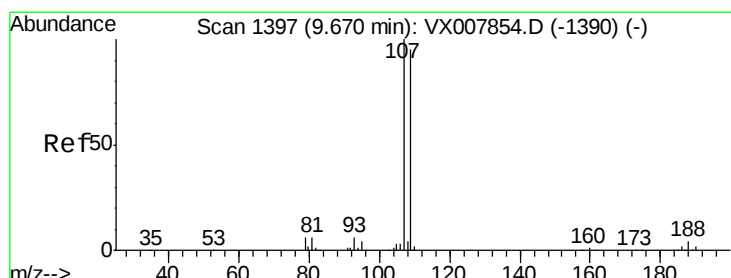
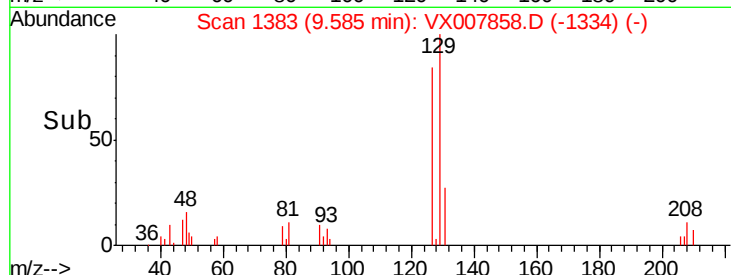
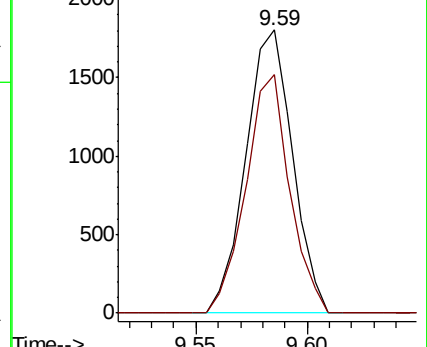
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.062 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007858.D

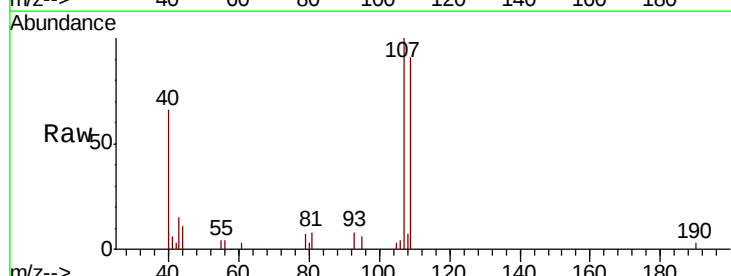
Acq: 06 Mar 2019 12:47

Tgt Ion:107 Resp: 3232

Ion Ratio Lower Upper

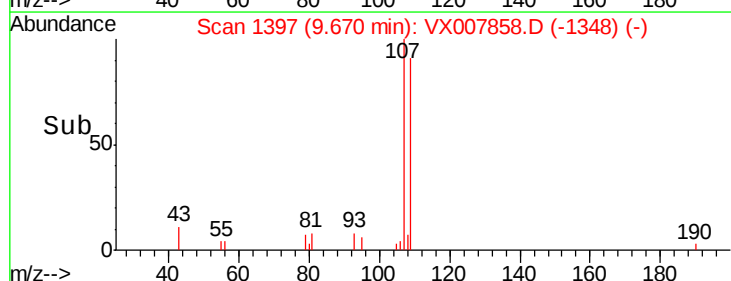
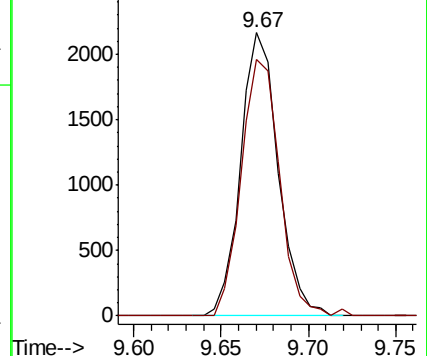
107 100

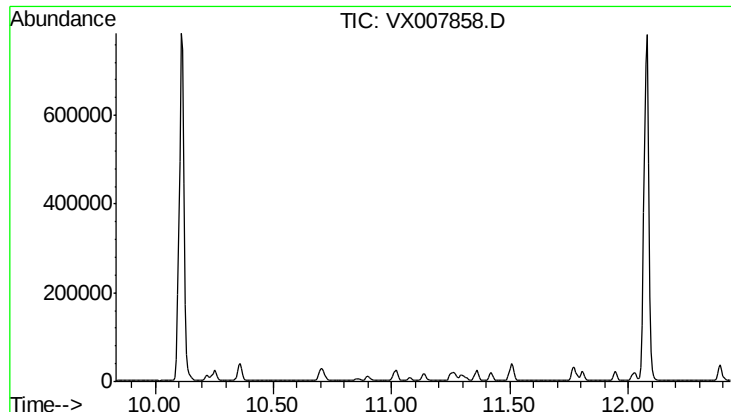
109 92.6 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.13 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Tot Ion: 95

Sig Exp Ratio

95 100

174 91.4

176 89.0

Instrument :

MSVOA_X

ClientSampleId :

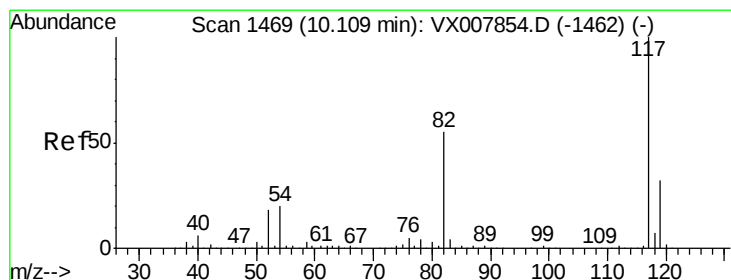
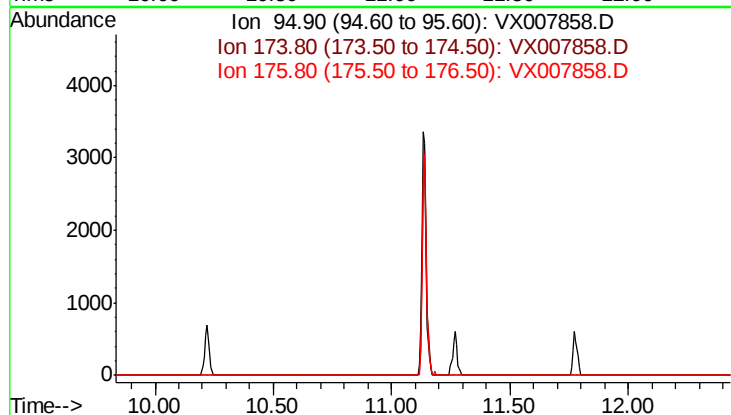
VSTDIC001

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3/7/2019 10:35:13 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

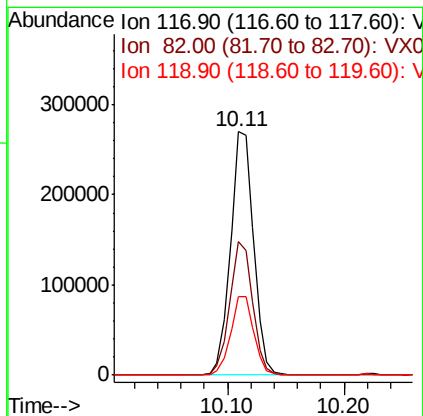
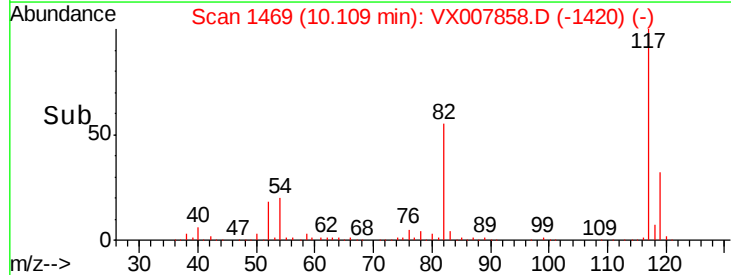
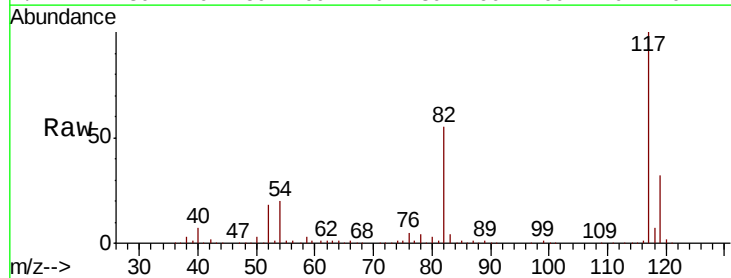
Tgt Ion: 117 Resp: 373209

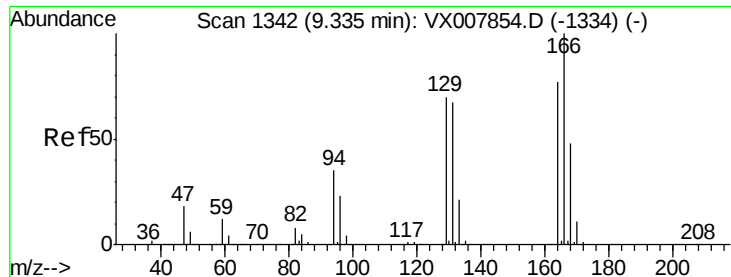
Ion Ratio Lower Upper

117 100

82 54.9 44.3 66.5

119 32.1 25.3 37.9





#64

Tetrachloroethene

Concen: 1.271 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

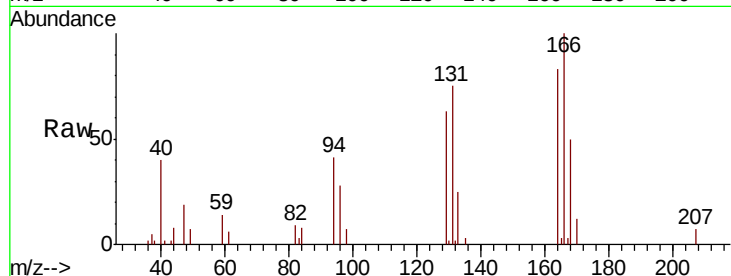
ClientSampleId :

VSTDIC001

Tot Ion:	164	Resp:	3930
Ion	Ratio	Lower	Upper
164	100		
166	120.0	103.4	155.0
129	76.0	72.2	108.4
131	89.6	69.4	104.2

Manual Integrations
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3/7/2019 10:35:13 AM



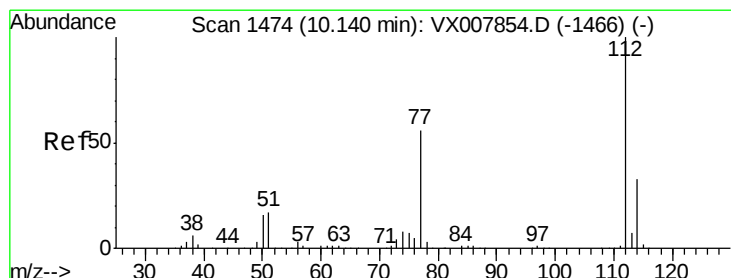
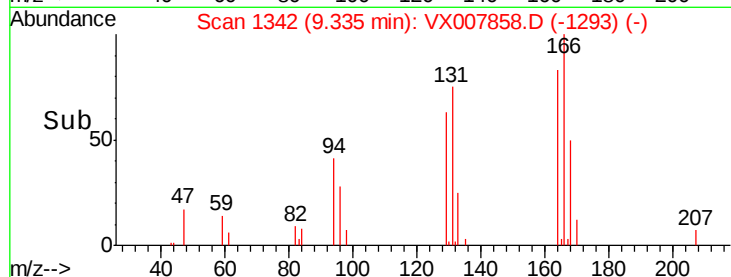
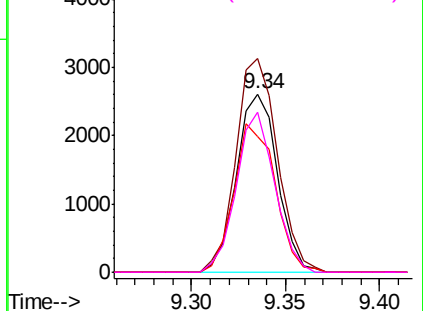
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 1.120 ug/l

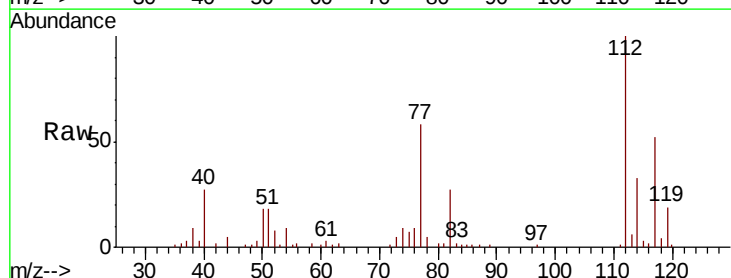
RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

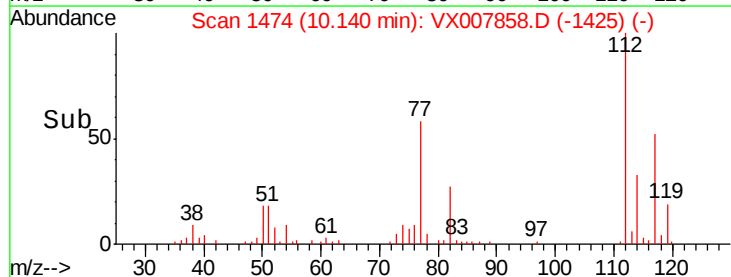
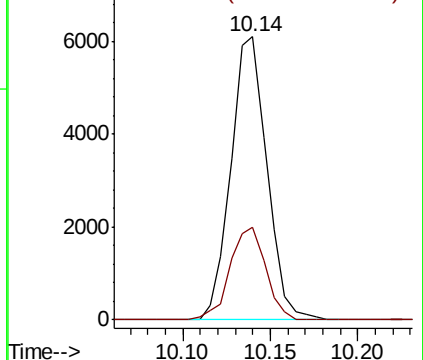
Tgt Ion:	112	Resp:	8746
Ion	Ratio	Lower	Upper
112	100		
114	32.8	26.0	39.0

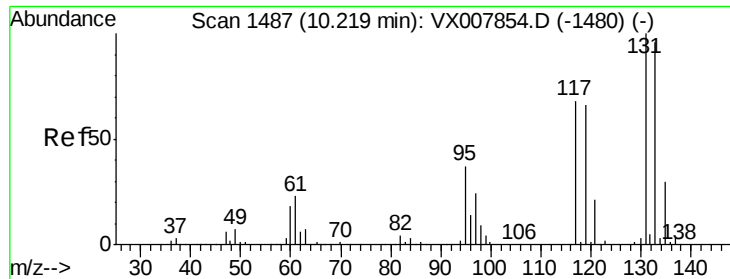


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





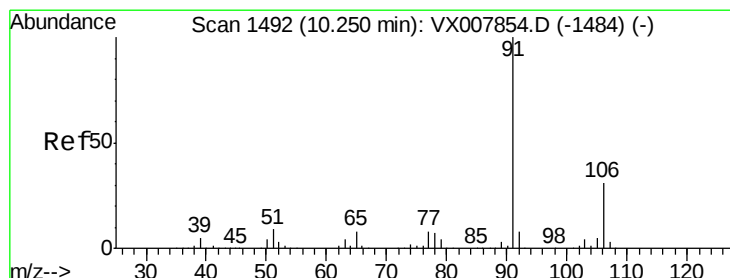
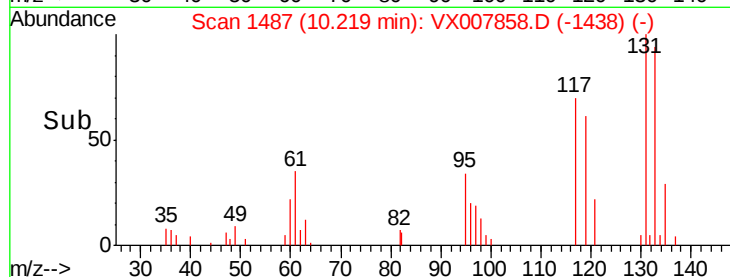
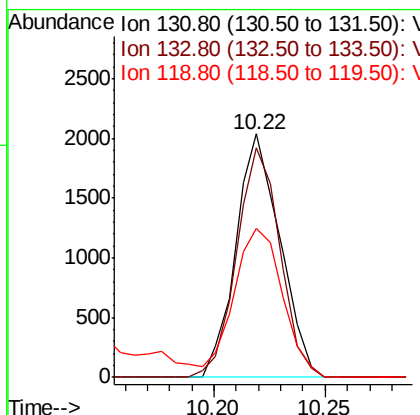
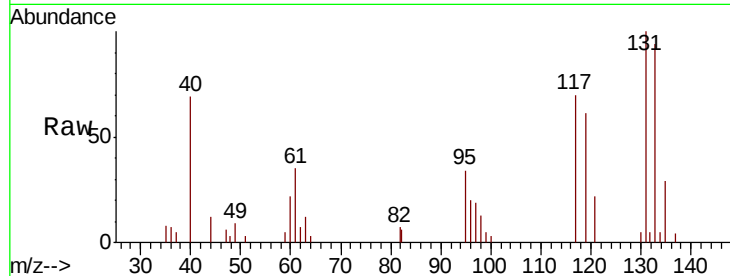
#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.004 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	92.4	47.8	143.3
119	0.0	32.5	97.5#

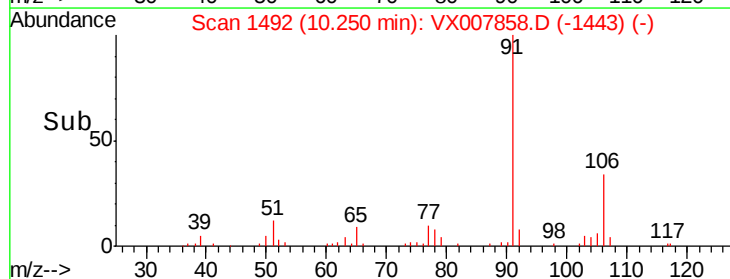
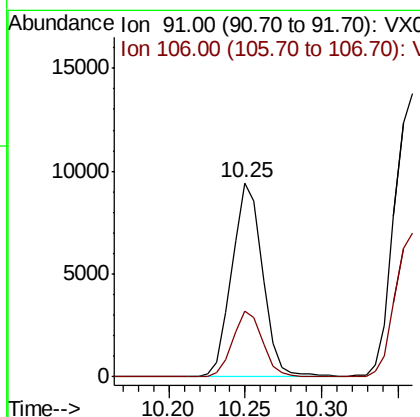
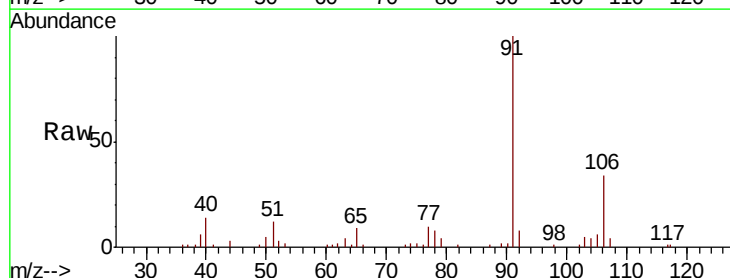
Manual Integrations
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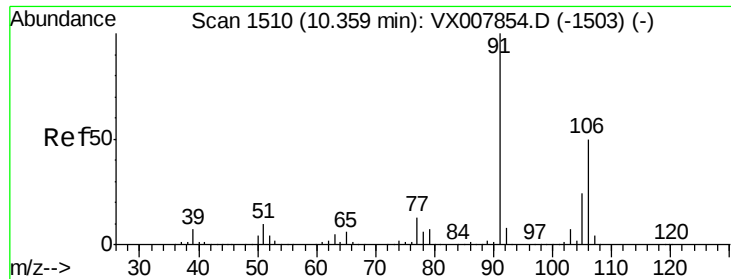
MMDadoda
 3/7/2019 10:35:13 AM



#67
 Ethyl Benzene
 Concen: 1.023 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.9	25.2	37.8





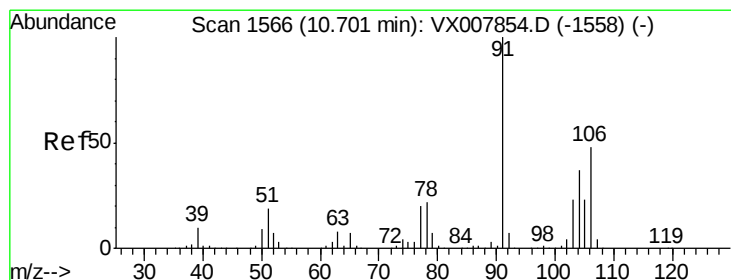
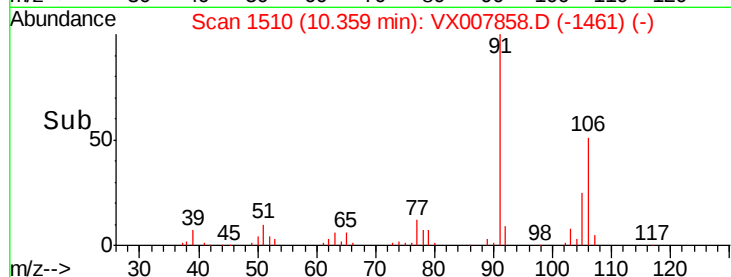
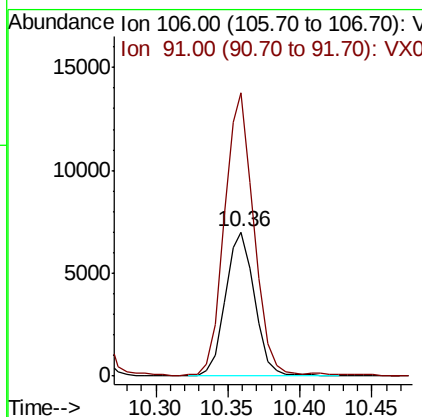
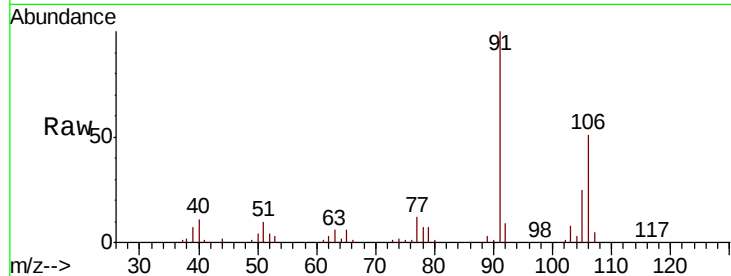
#68
m/p-Xvlenes
Concen: 2.020 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
106	100		
91	198.3	159.8	239.6

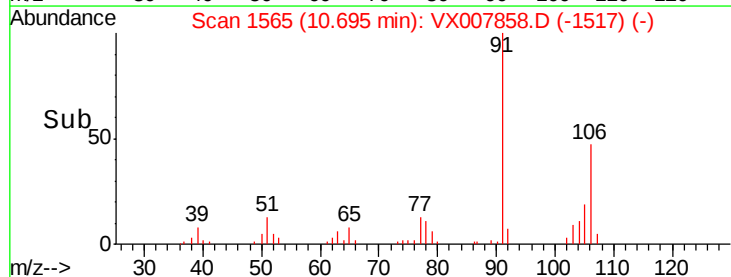
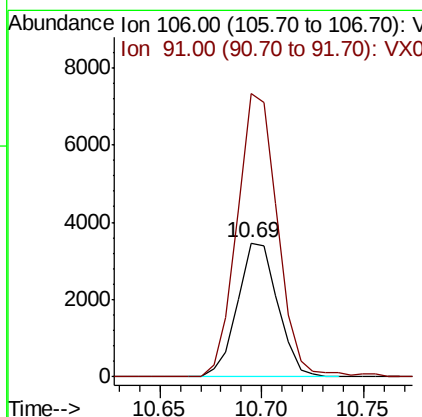
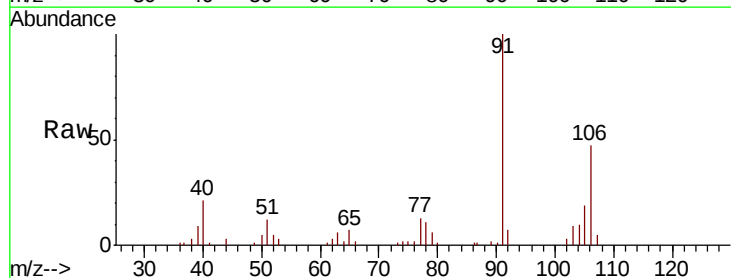
Manual Integrations
APPROVED

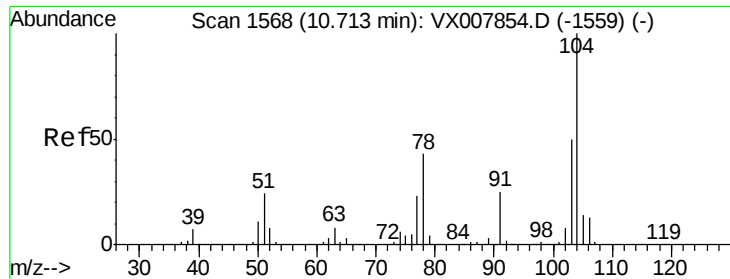
MMDadoda
3/7/2019 10:35:13 AM



#69
o-Xylene
Concen: 0.990 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
106	100		
91	213.1	106.3	318.9





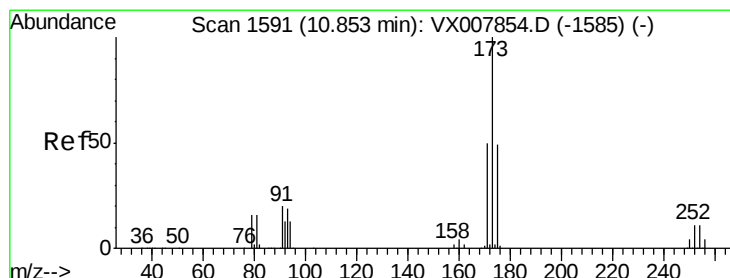
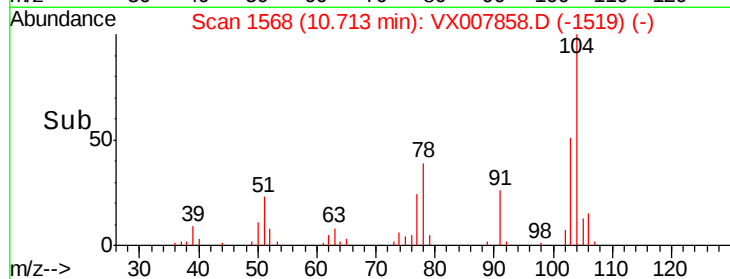
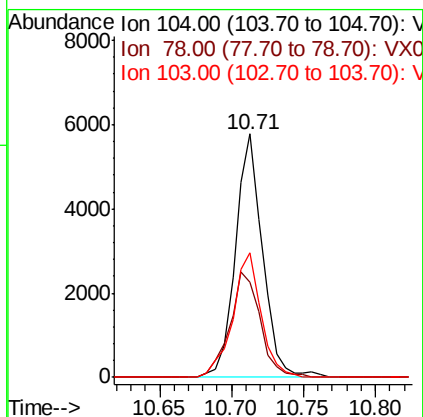
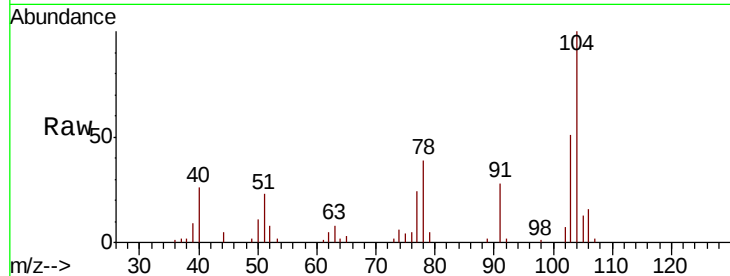
#70
Stvrene
Concen: 0.969 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.7	38.5	57.7
103	53.6	44.1	66.1

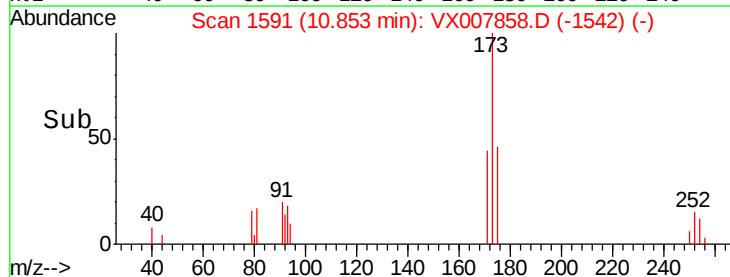
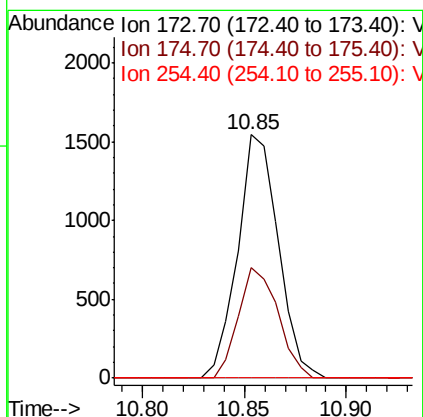
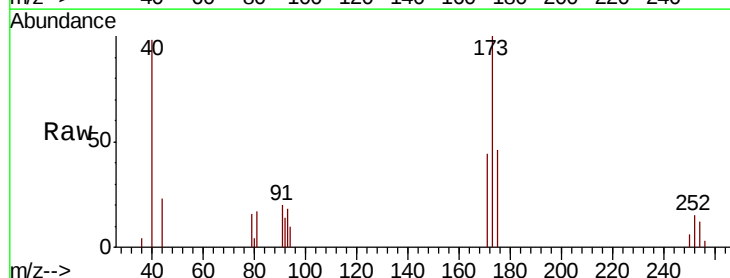
Manual Integrations
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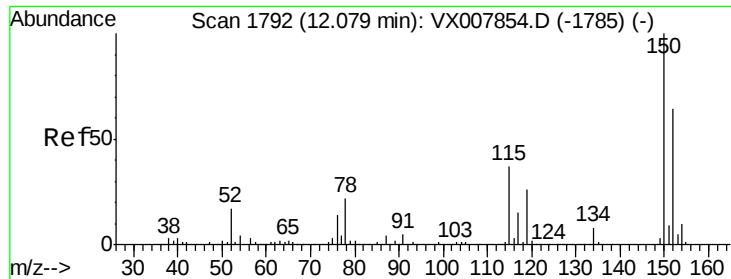
MMDadoda
3/7/2019 10:35:13 AM



#71
Bromoform
Concen: 0.889 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
173	100		
175	44.3	24.3	72.9
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: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 171383

Ion Ratio Lower Upper

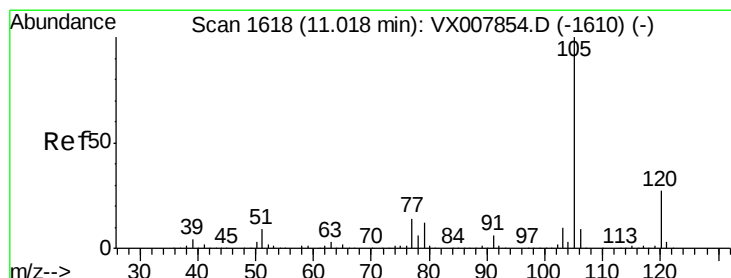
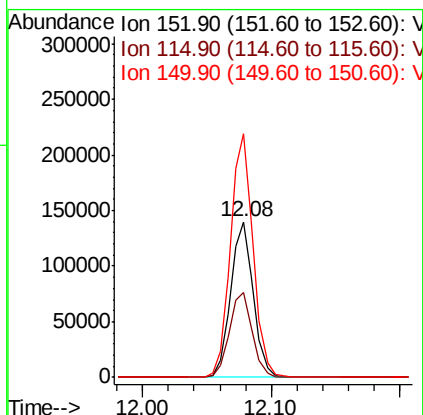
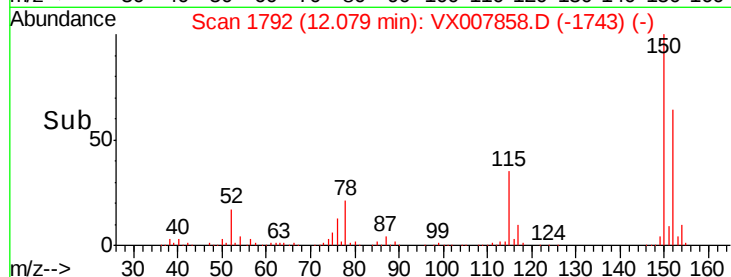
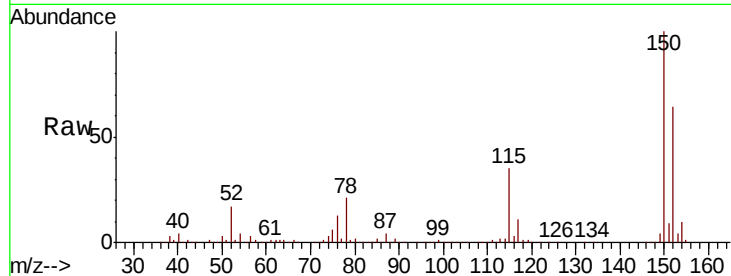
152 100

115 55.8 38.6 115.7

150 156.9 0.0 348.4

Manual Integrations
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MMDadoda
3/7/2019 10:35:13 AM



#73

Isopropylbenzene

Concen: 1.039 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007858.D

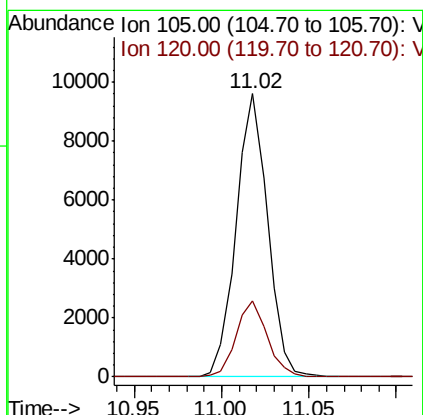
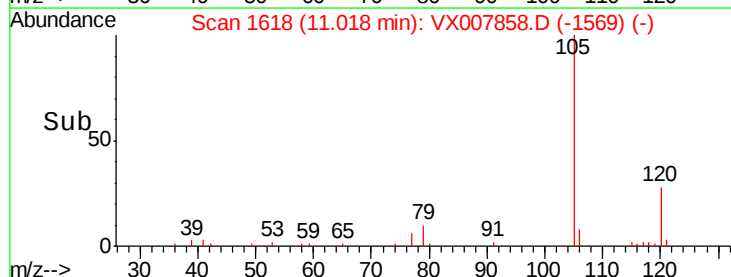
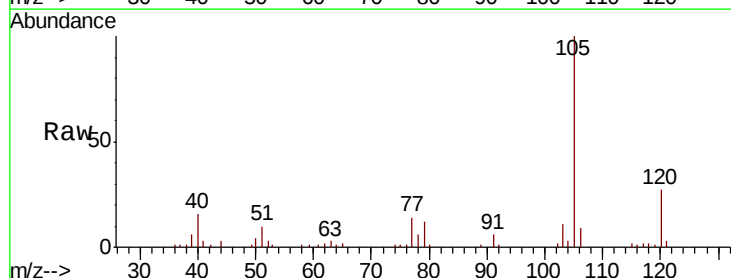
Acq: 06 Mar 2019 12:47

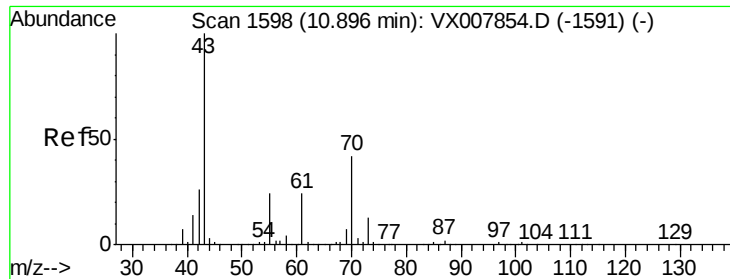
Tgt Ion:105 Resp: 12040

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1





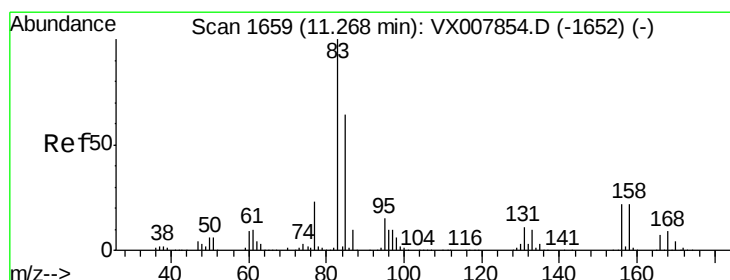
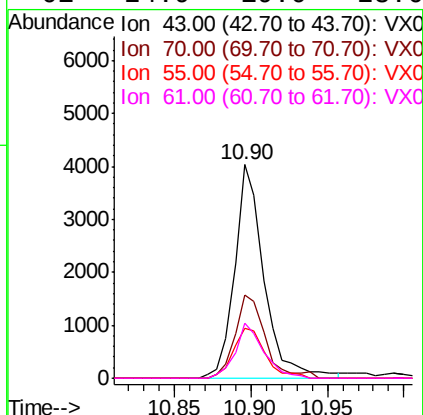
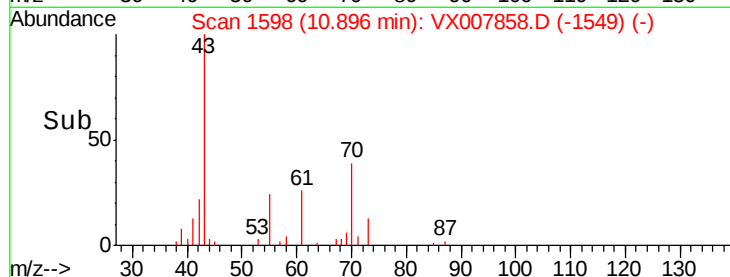
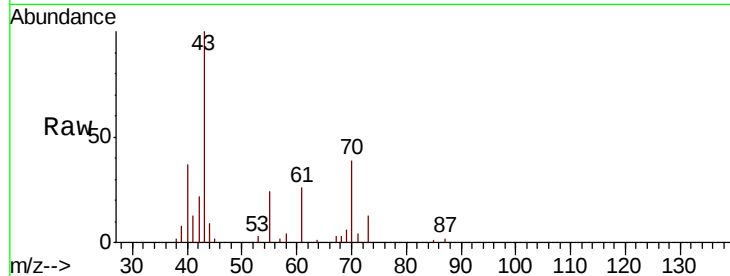
#74
N-amvl acetate
Concen: 1.016 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
70	39.9	33.5	50.3
55	25.6	19.2	28.8
61	24.9	19.0	28.6

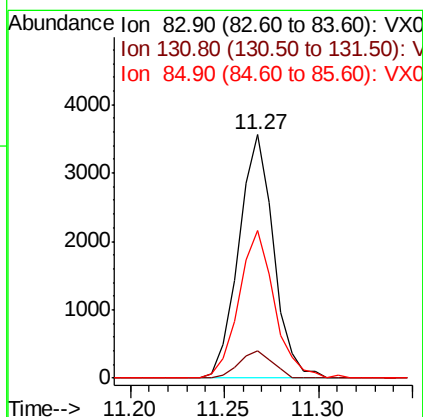
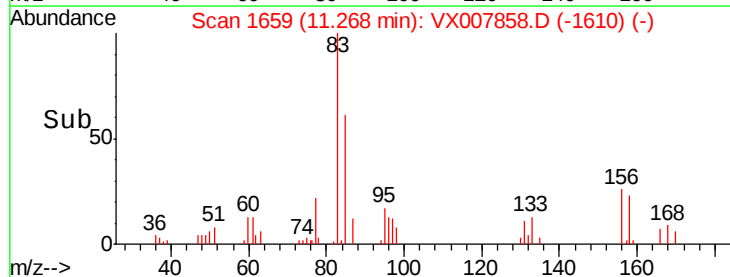
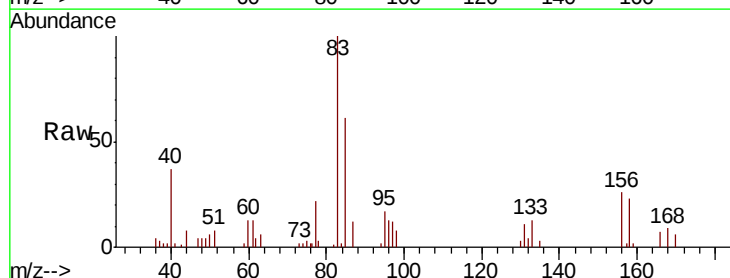
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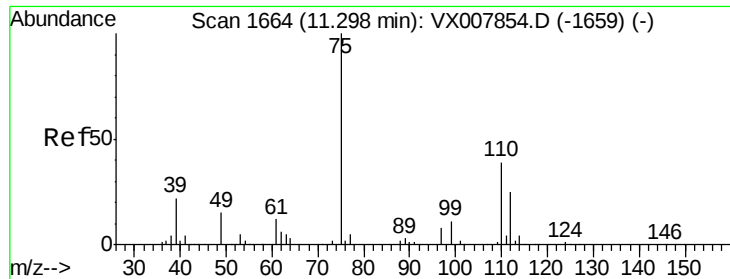
MMDadoda
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#75
1,1,2,2-Tetrachloroethane
Concen: 1.142 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.4	16.2
85	62.3	32.3	96.8





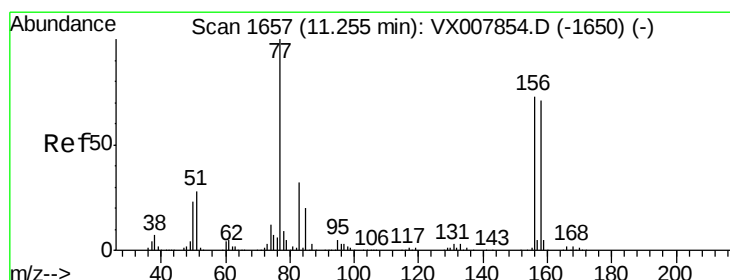
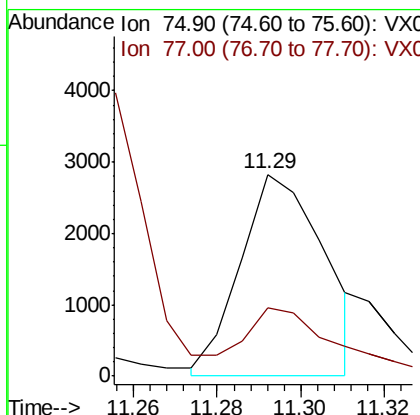
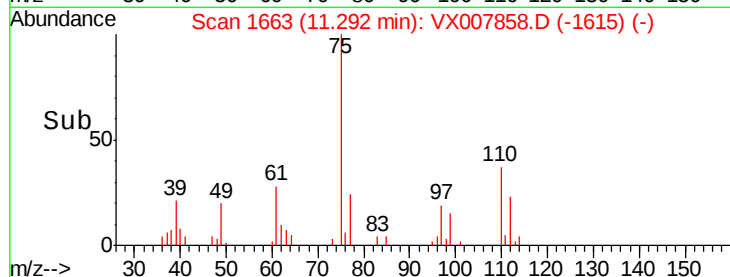
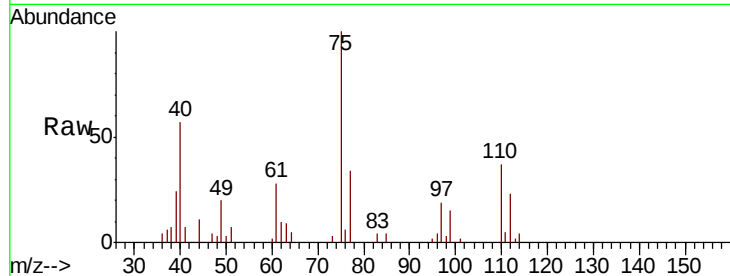
#76
1,2,3-Trichloropropane
Concen: 1.082 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 75 Resp: 3923
Ion Ratio Lower Upper
75 100
77 36.6 18.9 56.7

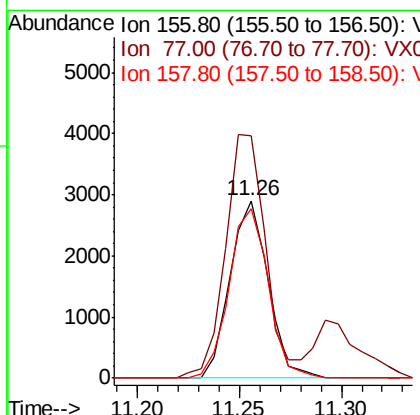
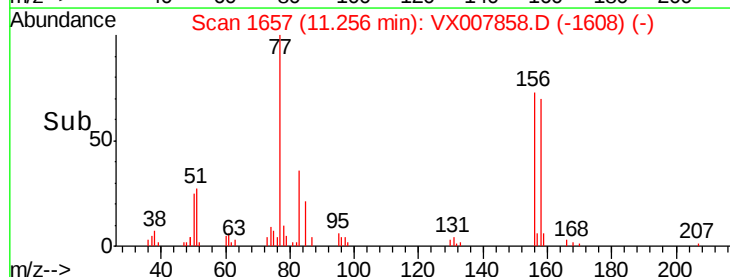
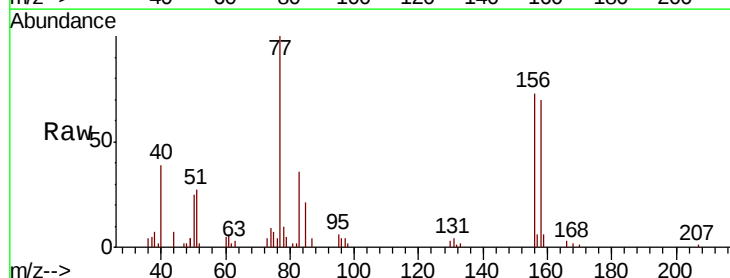
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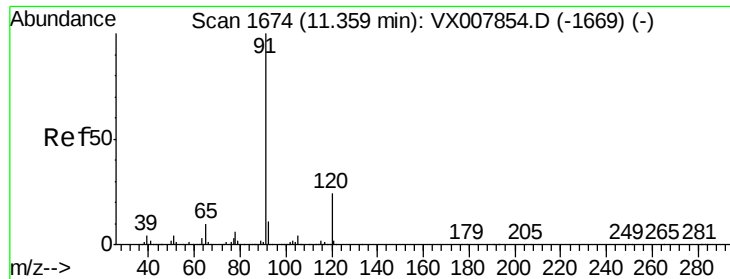
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#77
Bromobenzene
Concen: 1.181 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion: 156 Resp: 3752
Ion Ratio Lower Upper
156 100
77 145.1 72.0 215.9
158 98.2 48.6 145.9





#78

n-propylbenzene

Concen: 1.029 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 13230

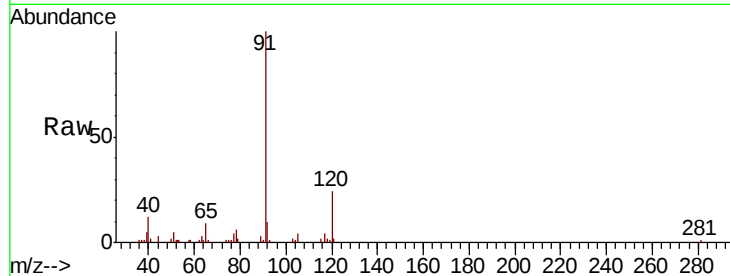
Ion Ratio Lower Upper

91 100

120 24.0 12.0 36.0

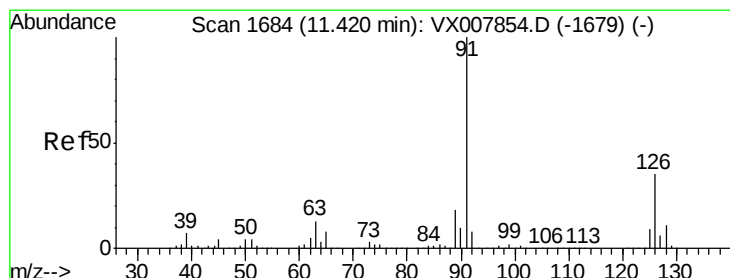
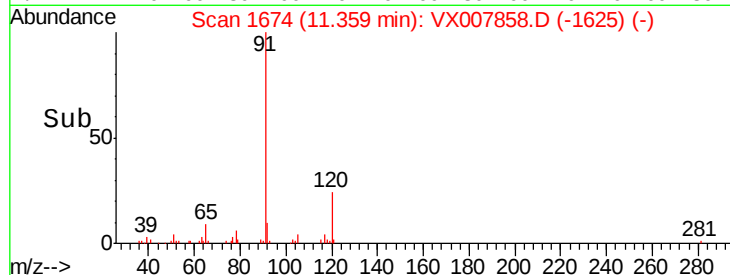
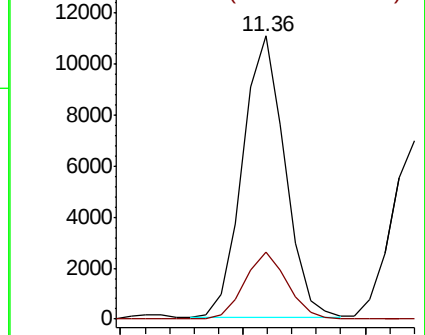
Manual Integrations
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3/7/2019 10:35:13 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.121 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007858.D

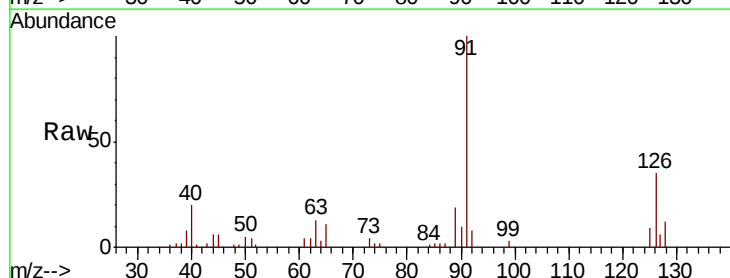
Acq: 06 Mar 2019 12:47

Tgt Ion: 91 Resp: 8812

Ion Ratio Lower Upper

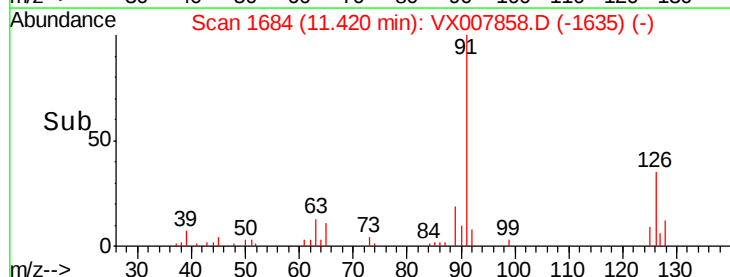
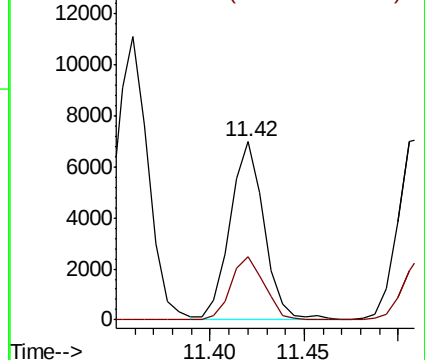
91 100

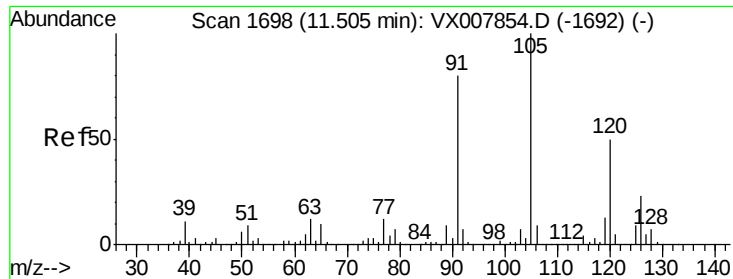
126 34.5 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





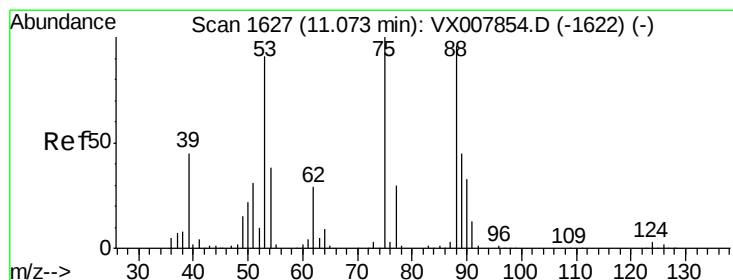
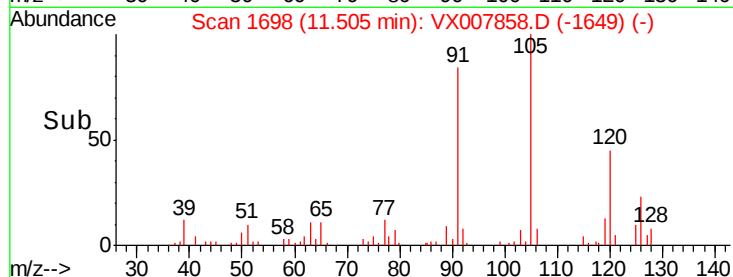
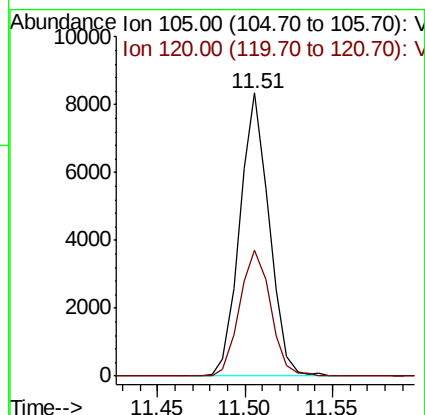
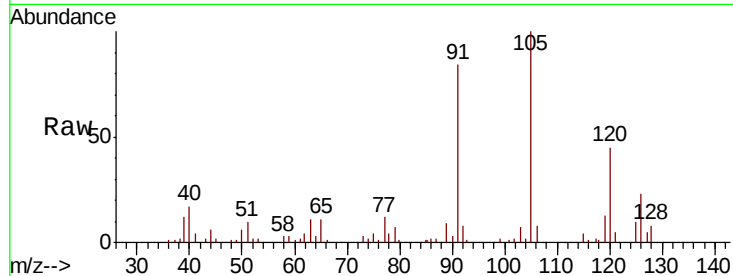
#80
 1,3,5-Trimethylbenzene
 Concen: 1.019 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion:105 Resp: 9717
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.9 74.6

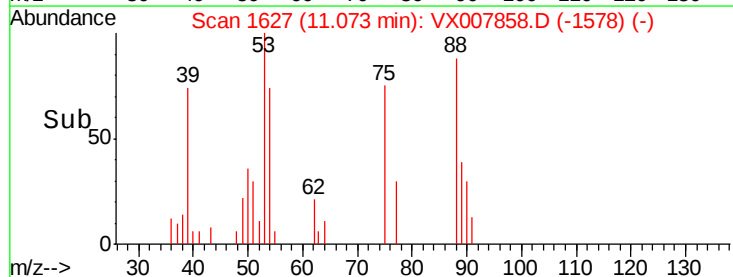
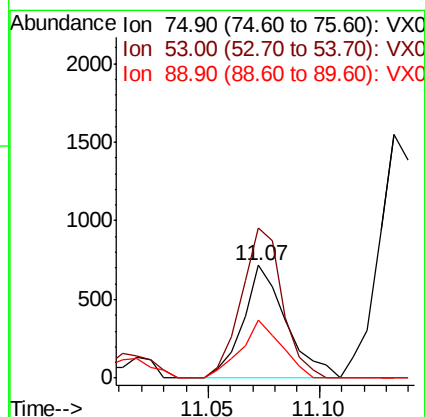
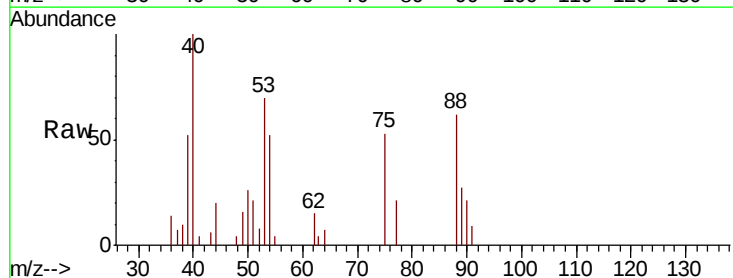
Manual Integrations
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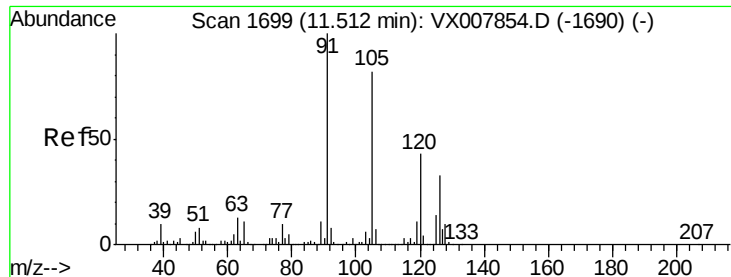
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 3/7/2019 10:35:13 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.858 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Tgt Ion: 75 Resp: 965
 Ion Ratio Lower Upper
 75 100
 53 126.8 76.1 114.1#
 89 48.4 36.3 54.5





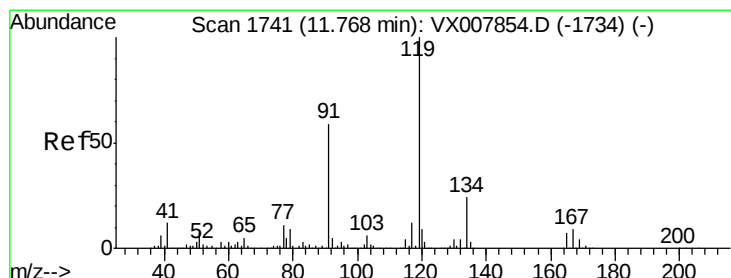
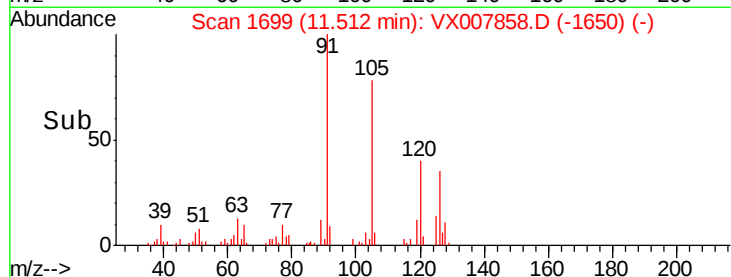
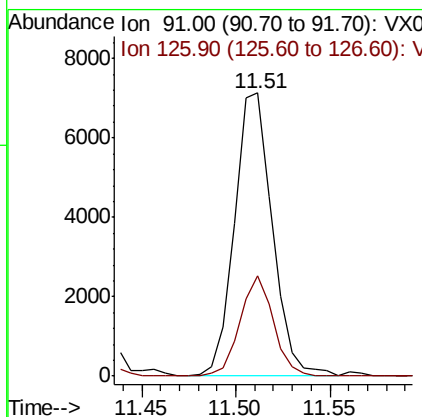
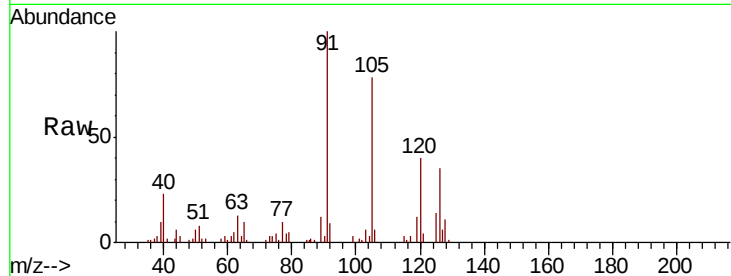
#82
4-Chlorotoluene
Concen: 1.102 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.6	46.8

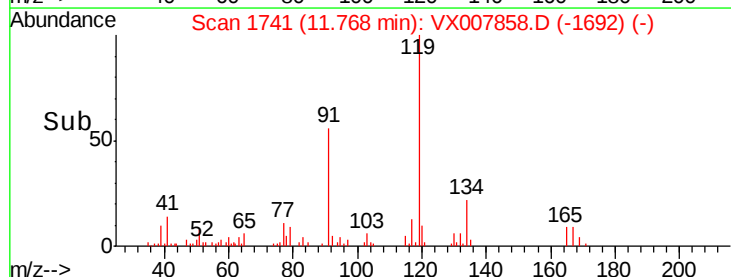
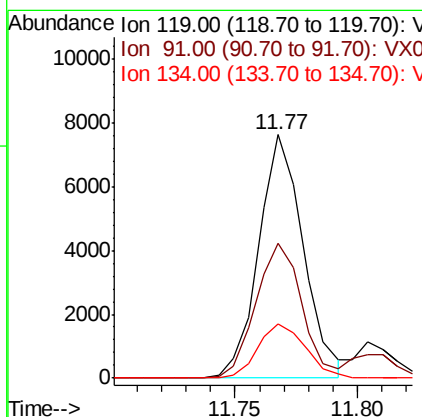
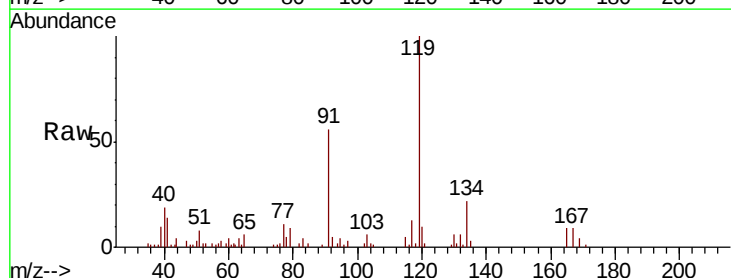
Manual Integrations
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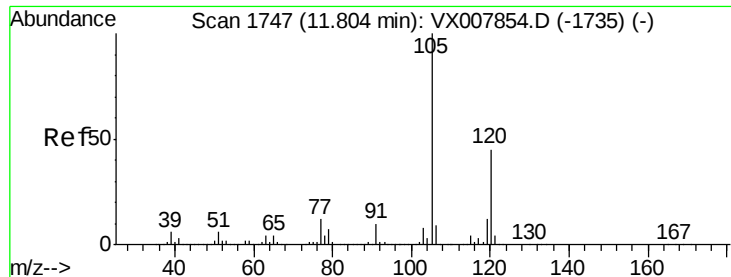
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#83
tert-Butylbenzene
Concen: 1.006 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.4	27.1	81.3
134	23.6	11.4	34.1





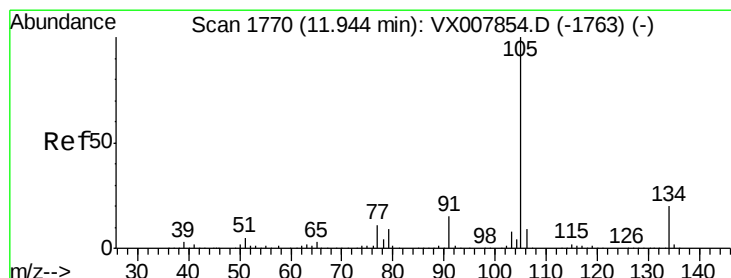
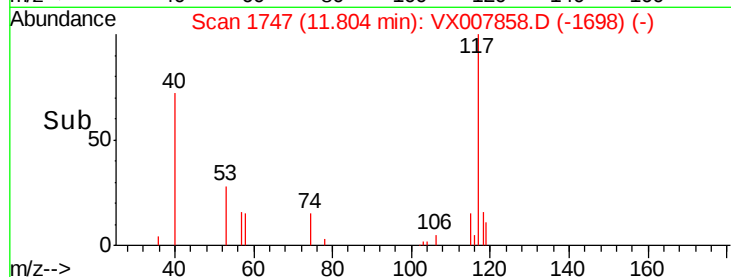
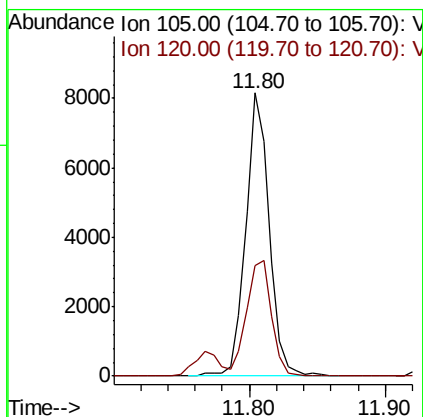
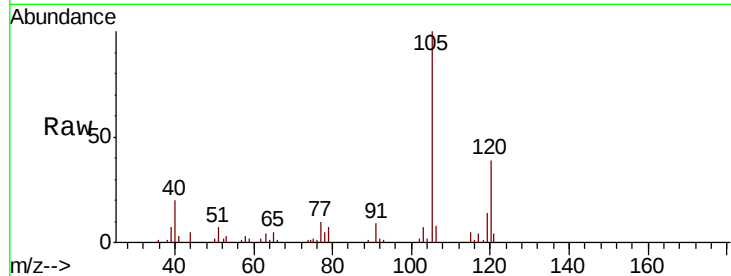
#84
1,2,4-Trimethylbenzene
Concen: 1.004 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:105 Resp: 9816
Ion Ratio Lower Upper
105 100
120 43.5 22.6 67.7

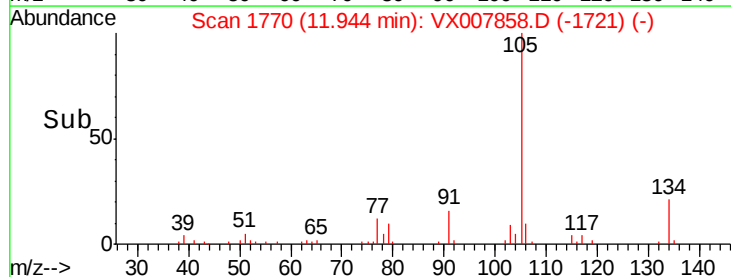
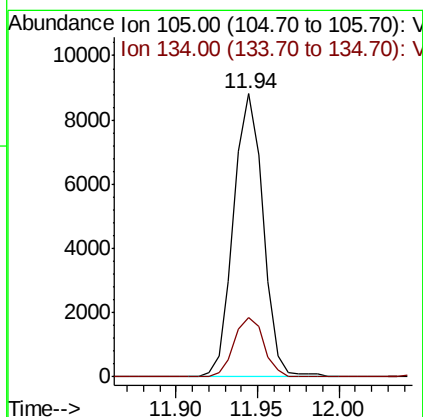
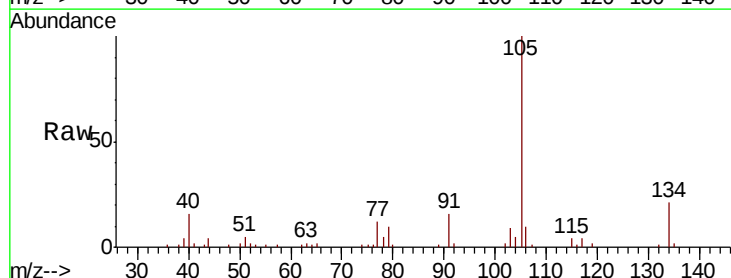
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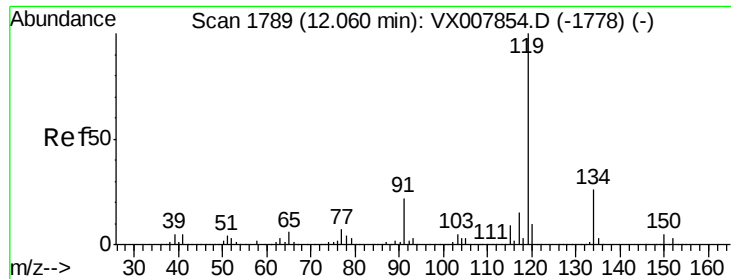
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#85
sec-Butylbenzene
Concen: 0.986 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion:105 Resp: 11161
Ion Ratio Lower Upper
105 100
134 21.0 10.4 31.2





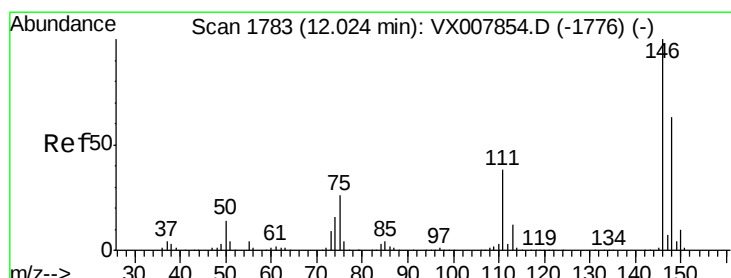
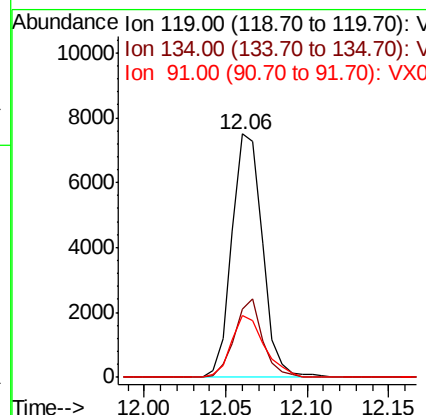
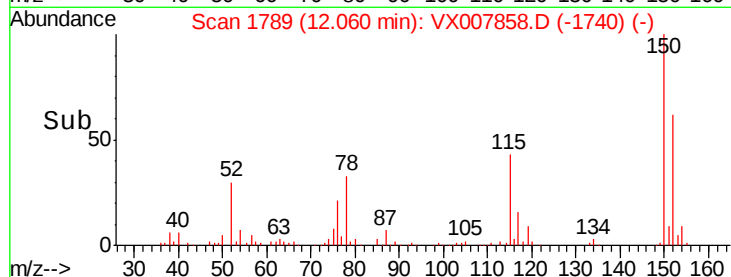
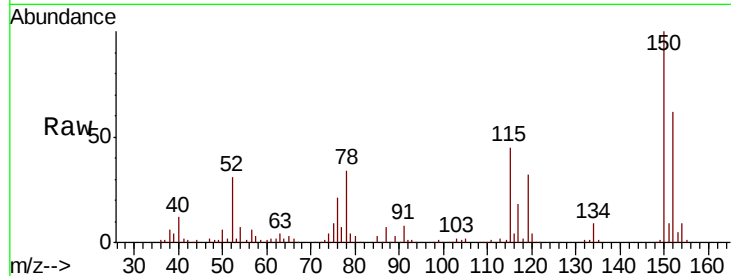
#86
 p-Isopropyltoluene
 Concen: 0.964 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
134	29.3	13.3	39.9
91	27.3	10.9	32.7

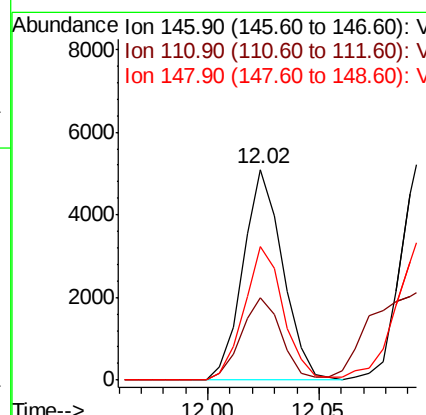
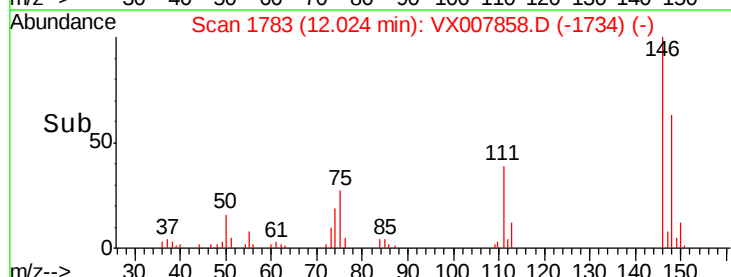
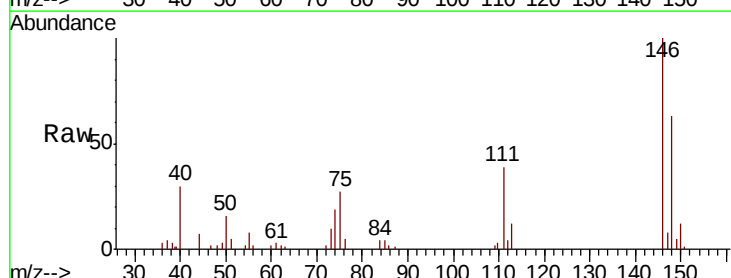
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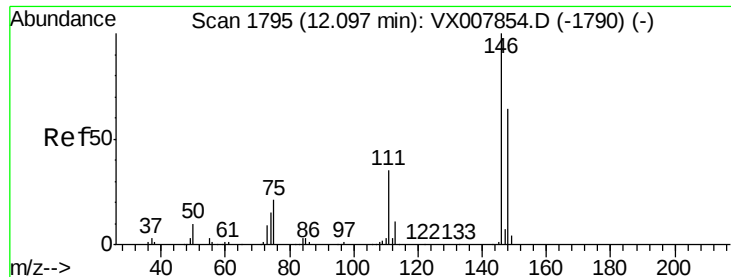
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#87
 1,3-Dichlorobenzene
 Concen: 1.129 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	18.9	56.7
148	63.4	31.7	95.1





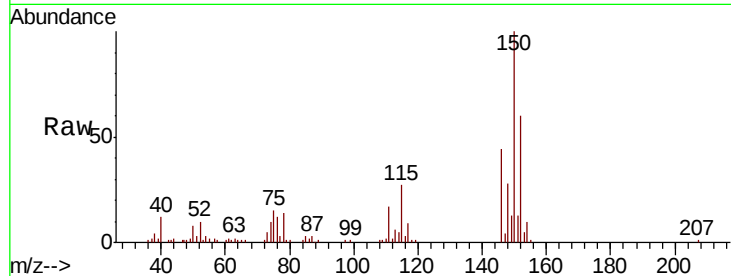
#88
 1,4-Dichlorobenzene
 Concen: 1.236 ug/l m
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

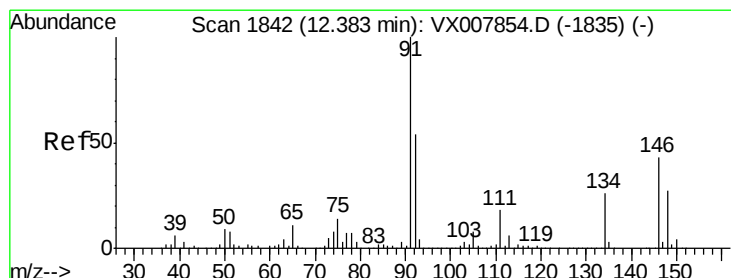
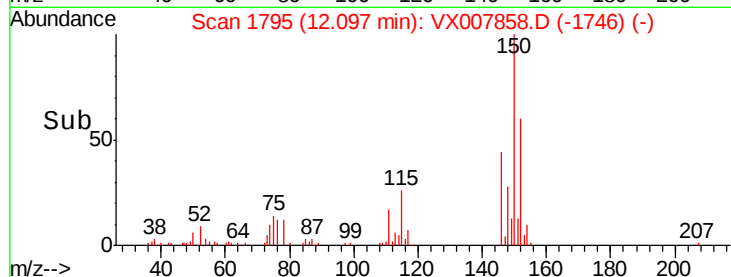
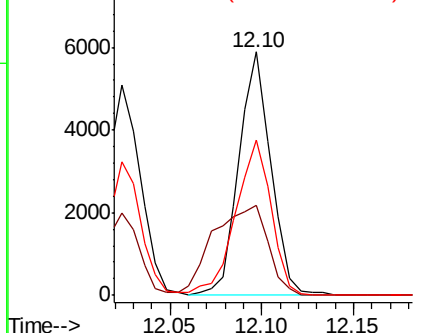
Tot Ion	Ratio	Lower	Upper
146	100		
111	35.5	18.4	55.0
148	56.5	32.2	96.6

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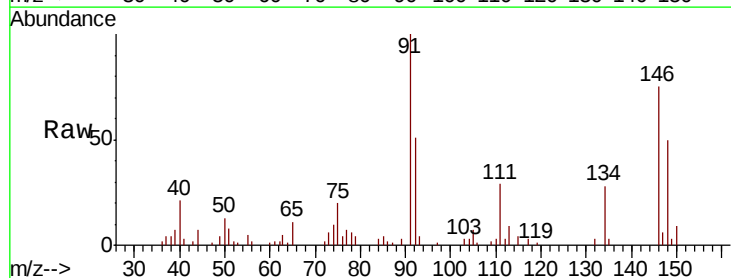


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

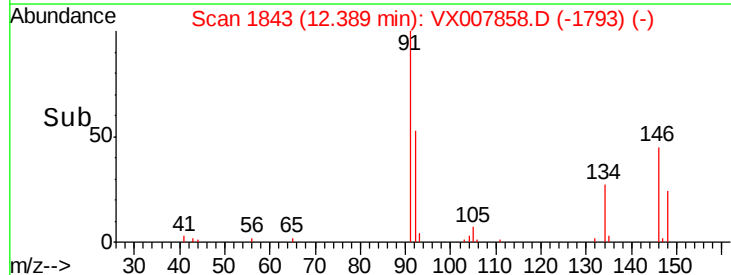
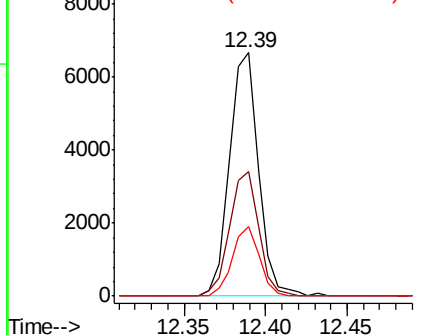


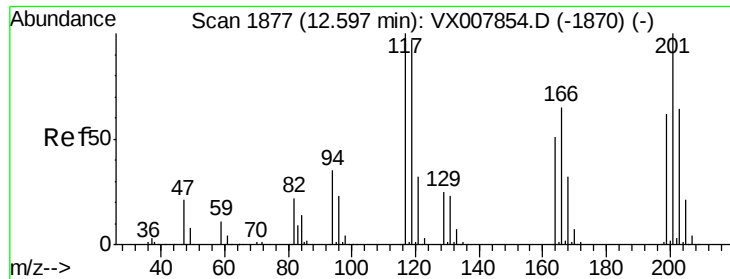
#89
 n-Butylbenzene
 Concen: 0.957 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.6	27.0	80.8
134	26.4	13.7	41.0



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





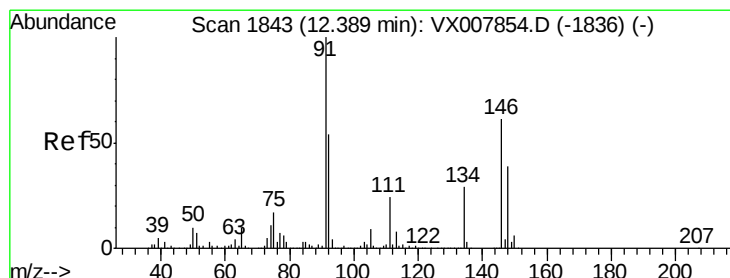
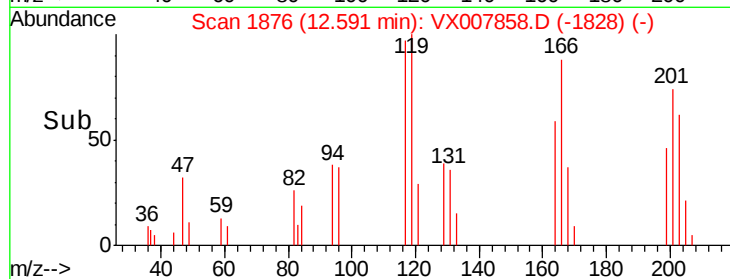
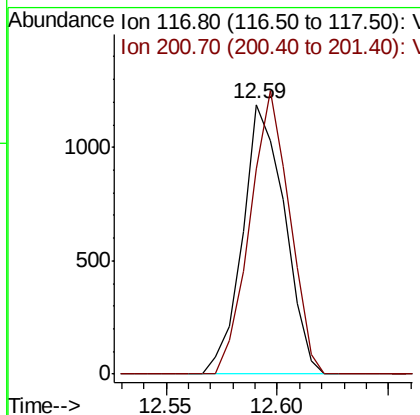
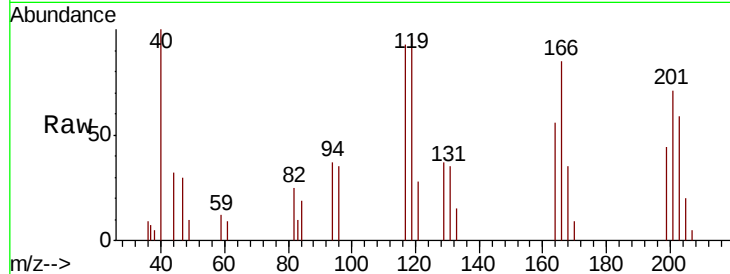
#90
Hexachloroethane
Concen: 0.922 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:117 Resp: 1562
Ion Ratio Lower Upper
117 100
201 99.2 48.9 146.7

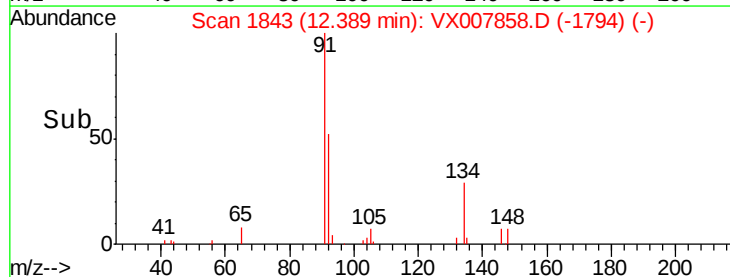
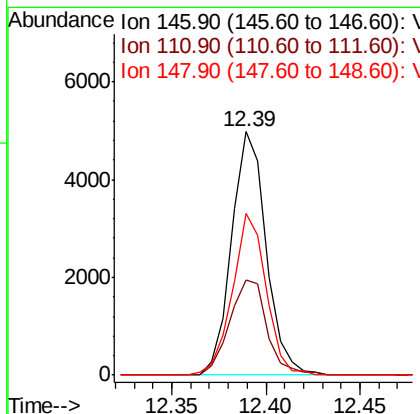
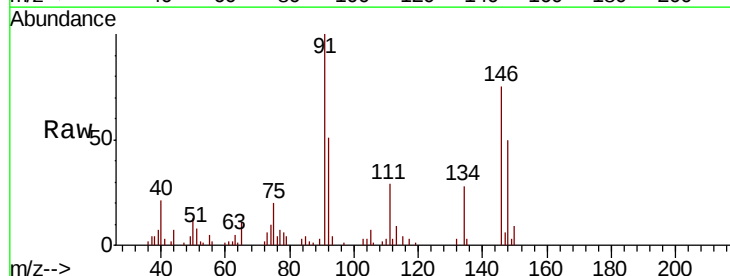
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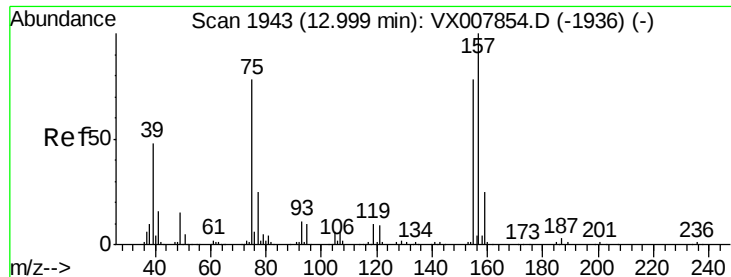
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#91
1,2-Dichlorobenzene
Concen: 1.132 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007858.D
Acq: 06 Mar 2019 12:47

Tgt Ion:146 Resp: 6321
Ion Ratio Lower Upper
146 100
111 42.4 19.6 58.8
148 64.7 31.9 95.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.041 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 75 Resp: 870

Ion Ratio Lower Upper

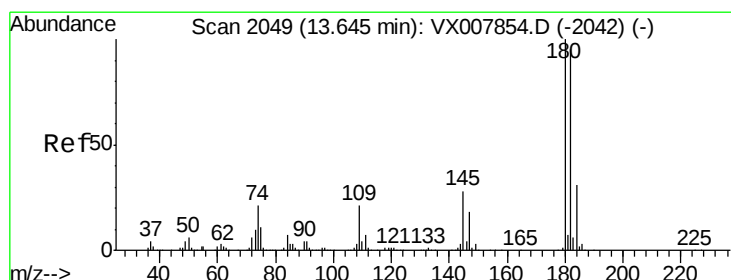
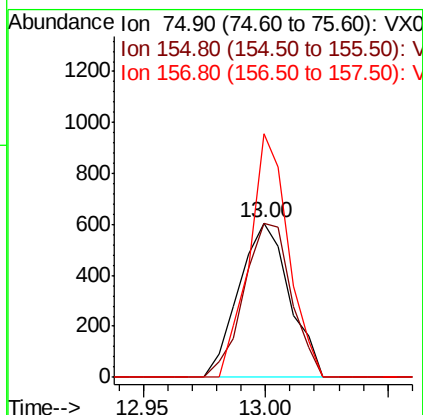
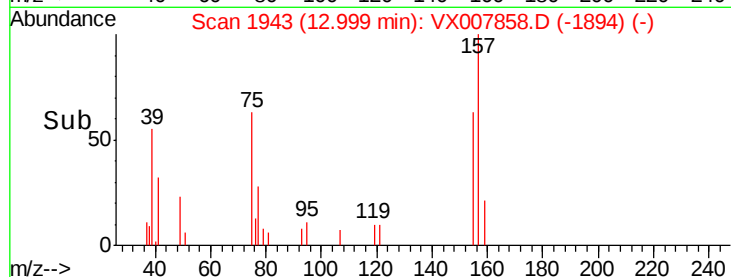
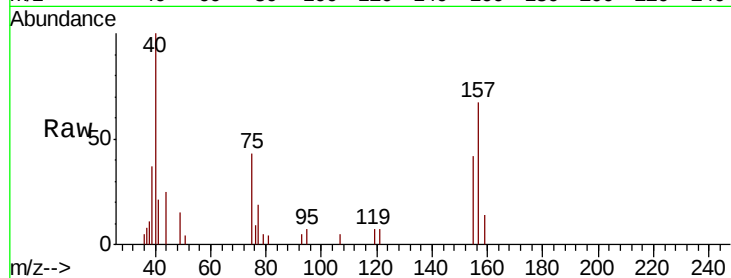
75 100

155 94.0 49.7 149.1

157 122.3 63.8 191.4

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#93

1,2,4-Trichlorobenzene

Concen: 1.097 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

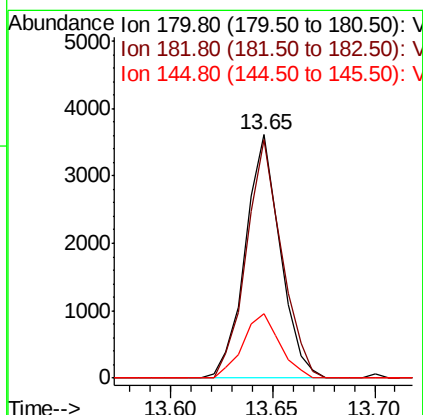
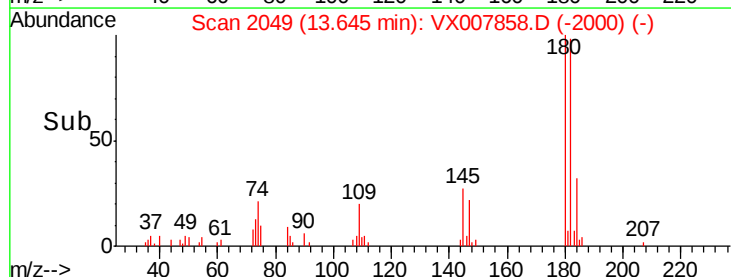
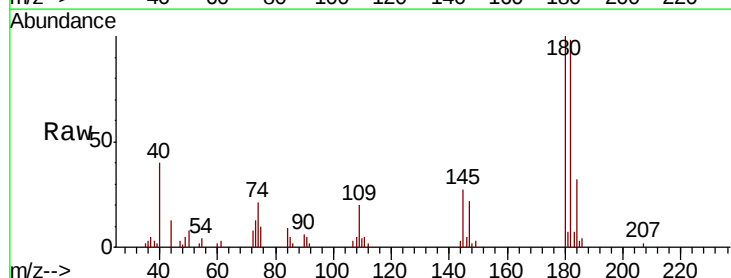
Tgt Ion: 180 Resp: 4303

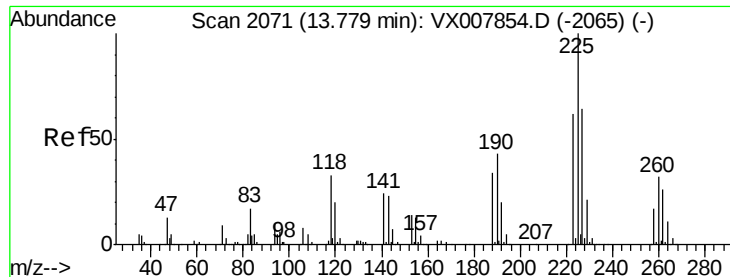
Ion Ratio Lower Upper

180 100

182 99.0 47.9 143.7

145 27.9 14.1 42.4





#94

Hexachlorobutadiene

Concen: 1.083 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX007858.D

Acq: 06 Mar 2019 12:47

Instrument :

MSVOA_X

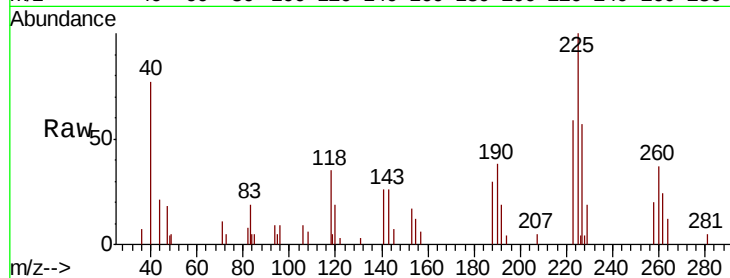
ClientSampleId :

VSTDIC001

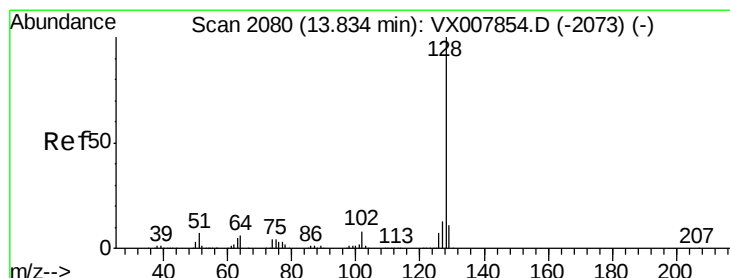
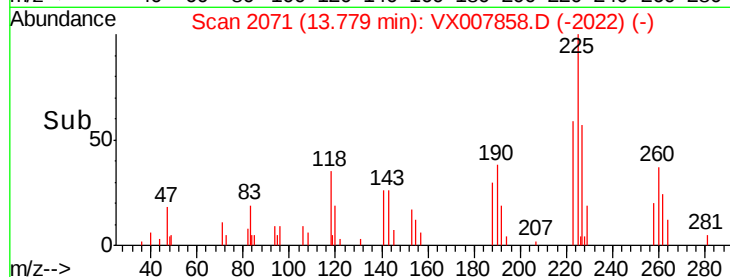
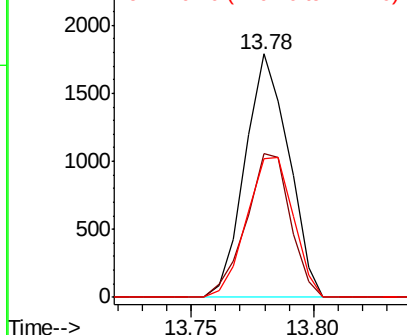
Tot Ion:	225	Resp:	2222
Ion Ratio	Lower	Upper	
225	100		
223	59.8	31.1	93.2
227	61.3	32.0	96.0

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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: 1.019 ug/l

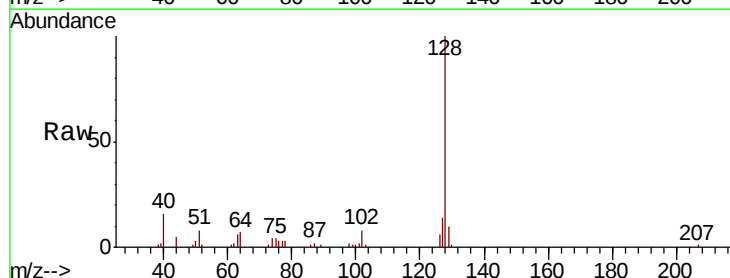
RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

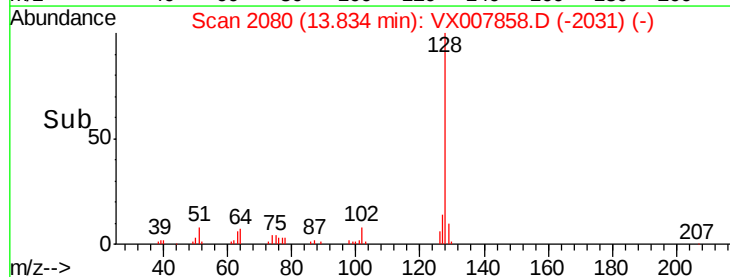
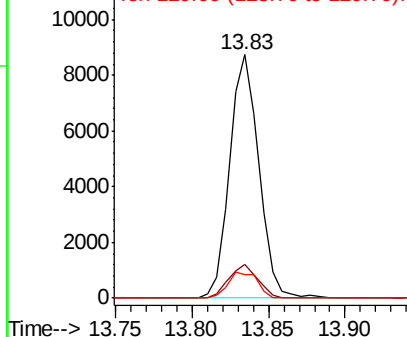
Lab File: VX007858.D

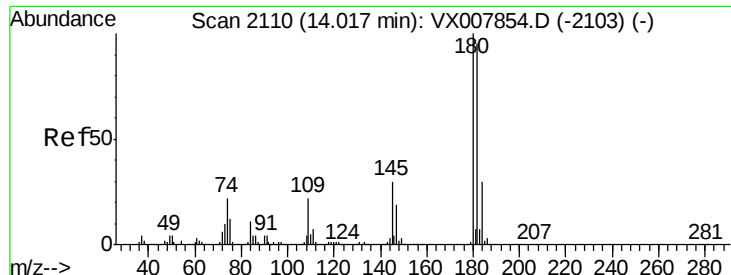
Acq: 06 Mar 2019 12:47

Tgt Ion:	128	Resp:	11516
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.3	15.5
129	10.6	8.7	13.1



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





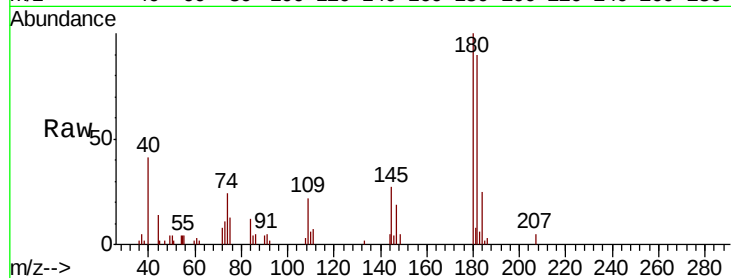
#96
 1,2,3-Trichlorobenzene
 Concen: 1.079 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX007858.D
 Acq: 06 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.5	142.5
145	29.4	14.8	44.3

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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

