

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006589.D
 Acq On : 18 Dec 2018 11:11
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 11:21:52 AM

Quant Time: Dec 19 00:50:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 00:31:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	612760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	954440	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	861494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	415079	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	35066	5.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.62%	
35) Dibromofluoromethane	5.50	113	30212	5.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.02%	
50) Toluene-d8	8.71	98	116825	5.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.26%	
62) 4-Bromofluorobenzene	11.13	95	40779	4.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.78%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	29547	5.271	ug/l 97
3) Chloromethane	1.33	50	29916	4.954	ug/l 99
4) Vinyl Chloride	1.41	62	32651	5.177	ug/l 100
5) Bromomethane	1.64	94	37479	5.465	ug/l 95
6) Chloroethane	1.71	64	20344	4.658	ug/l 98
7) Trichlorofluoromethane	1.93	101	50430	5.128	ug/l 89
8) Diethyl Ether	2.19	74	19033	4.873	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29090	5.038	ug/l 96
10) Methyl Iodide	2.51	142	34867	4.219	ug/l 99
11) Tert butyl alcohol	3.07	59	38212	25.927	ug/l 100
12) 1,1-Dichloroethene	2.37	96	28215	5.154	ug/l 93
13) Acrolein	2.29	56	26946	27.101	ug/l 96
14) Allyl chloride	2.73	41	46443	5.040	ug/l 96
15) Acrylonitrile	3.15	53	82051	25.074	ug/l 100
16) Acetone	2.45	43	75109	24.755	ug/l 93
17) Carbon Disulfide	2.57	76	65141	4.496	ug/l 96
18) Methyl Acetate	2.78	43	44317	4.967	ug/l 98
19) Methyl tert-butyl Ether	3.20	73	92964	5.116	ug/l 99
20) Methylene Chloride	2.85	84	31532	5.026	ug/l 96
21) trans-1,2-Dichloroethene	3.17	96	30051	4.954	ug/l 96
22) Diisopropyl ether	3.87	45	88100	5.226	ug/l 96
23) Vinyl Acetate	3.82	43	358501	25.997	ug/l 98
24) 1,1-Dichloroethane	3.70	63	52962	5.262	ug/l 95
25) 2-Butanone	4.70	43	106082	24.856	ug/l 96
26) 2,2-Dichloropropane	4.58	77	35871	4.614	ug/l 98
27) cis-1,2-Dichloroethene	4.60	96	34657	5.178	ug/l 100
28) Bromochloromethane	5.02	49	21667	4.683	ug/l 95
29) Tetrahydrofuran	5.15	42	69096	24.581	ug/l 99
30) Chloroform	5.21	83	50600	4.855	ug/l 99
31) Cyclohexane	5.57	56	46621	5.099	ug/l 93
32) 1,1,1-Trichloroethane	5.49	97	41930	4.765	ug/l 96
36) 1,1-Dichloropropene	5.79	75	39916	5.049	ug/l 98
37) Ethyl Acetate	4.85	43	39506	4.802	ug/l 99
38) Carbon Tetrachloride	5.78	117	33893	4.412	ug/l 93

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Manual Integrations
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Quant Time: Dec 19 00:50:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 00:31:42 2018
 Response via : Initial Calibration

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

39) Methylcyclohexane	7.46	83	51527	4.951	ug/l	94
40) Benzene	6.14	78	121251	5.046	ug/l	100
41) Methacrylonitrile	5.06	41	22277	4.818	ug/l #	92
42) 1,2-Dichloroethane	6.19	62	42643	5.208	ug/l	99
43) Isopropyl Acetate	6.46	43	59016	4.714	ug/l	99
44) Trichloroethene	7.21	130	36306	4.992	ug/l	99
45) 1,2-Dichloropropane	7.51	63	28499	4.874	ug/l	97
46) Dibromomethane	7.66	93	21075	4.900	ug/l	97
47) Bromodichloromethane	7.90	83	30538	4.277	ug/l	95
48) Methyl methacrylate	7.77	41	30771	4.834	ug/l	98
49) 1,4-Dioxane	7.75	88	17375	96.462	ug/l	91
51) 4-Methyl-2-Pentanone	8.65	43	194697	24.443	ug/l	99
52) Toluene	8.78	92	76721	4.942	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	31118	4.063	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	36051	4.290	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	31918	5.023	ug/l	94
56) Ethyl methacrylate	9.18	69	42364	4.717	ug/l	99
57) 1,3-Dichloropropane	9.37	76	50167	4.907	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	111381	23.332	ug/l	100
59) 2-Hexanone	9.49	43	147083	24.134	ug/l	99
60) Dibromochloromethane	9.58	129	24541	4.193	ug/l	98
61) 1,2-Dibromoethane	9.67	107	32453	4.805	ug/l	100
64) Tetrachloroethene	9.34	164	35825	5.252	ug/l	95
65) Chlorobenzene	10.13	112	89867	4.931	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	24791	4.360	ug/l	99
67) Ethyl Benzene	10.25	91	147132	4.940	ug/l	100
68) m/p-Xylenes	10.36	106	117887	10.031	ug/l	99
69) o-Xylene	10.69	106	57169	4.926	ug/l	96
70) Styrene	10.71	104	87661	4.775	ug/l	97
71) Bromoform	10.85	173	16227	3.748	ug/l #	97
73) Isopropylbenzene	11.02	105	151672	5.341	ug/l	99
74) N-amyl acetate	10.90	43	48588	4.780	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	43335	5.131	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	40247m	5.474	ug/l	
77) Bromobenzene	11.26	156	40136	5.228	ug/l	98
78) n-propylbenzene	11.36	91	165270	5.285	ug/l	99
79) 2-Chlorotoluene	11.42	91	100964	5.328	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	122447	5.235	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	7520	3.492	ug/l #	75
82) 4-Chlorotoluene	11.51	91	113968	5.243	ug/l	99
83) tert-Butylbenzene	11.77	119	119901	5.122	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	126131	5.127	ug/l	100
85) sec-Butylbenzene	11.94	105	147553	5.141	ug/l	100
86) p-Isopropyltoluene	12.06	119	129079	5.116	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	69438	5.019	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	71856	5.060	ug/l	92
89) n-Butylbenzene	12.39	91	103815	4.835	ug/l	100
90) Hexachloroethane	12.60	117	13945	4.058	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	72014	5.203	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7258	4.154	ug/l	93

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

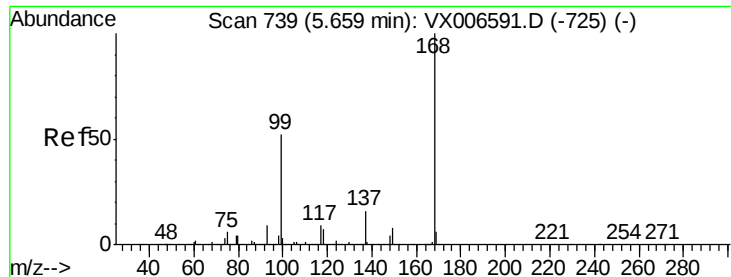
Manual Integrations
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12/19/2018 11:21:52 AM

Quant Time: Dec 19 00:50:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 00:31:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	44491	4.660	ug/l	98
94) Hexachlorobutadiene	13.78	225	20267	4.504	ug/l	98
95) Naphthalene	13.83	128	142061	4.662	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	44608	4.525	ug/l	98

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



#1

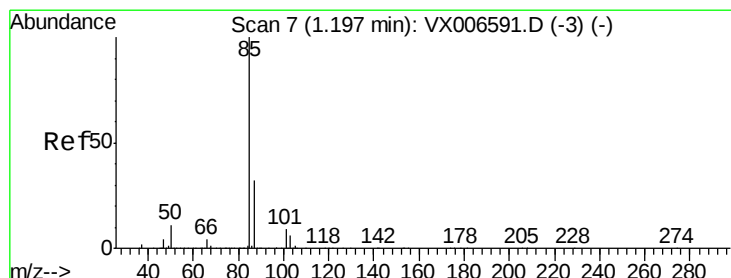
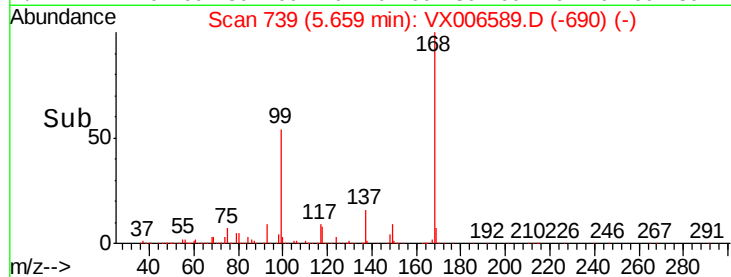
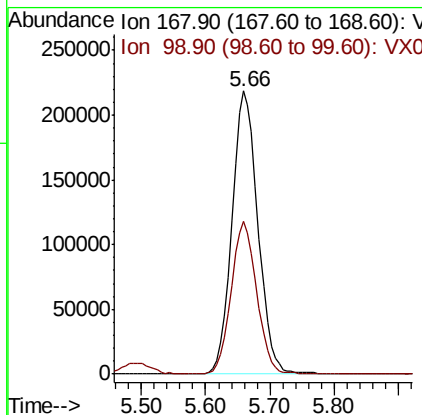
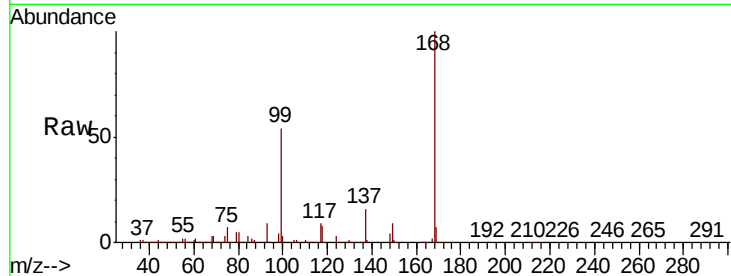
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: VX006589.D
 Acq: 18 Dec 2018 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
168	100		
99	53.9	41.8	62.8

Manual Integrations
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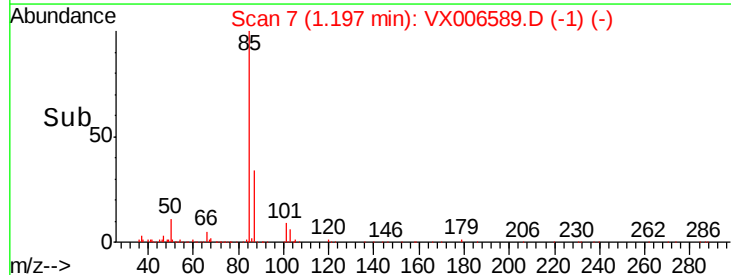
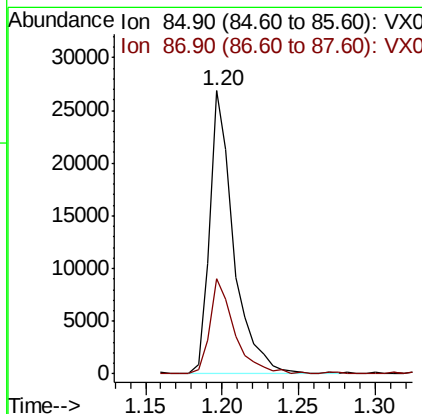
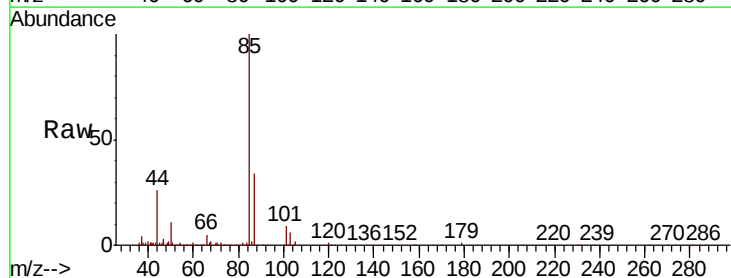
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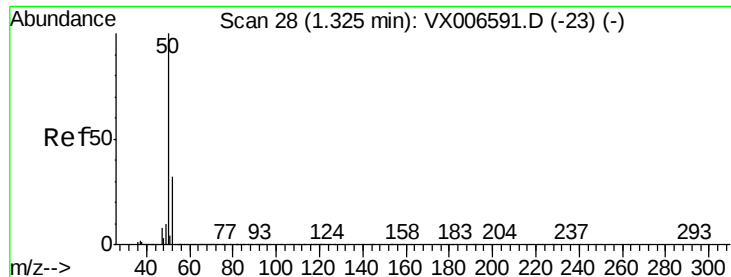


#2

Dichlorodifluoromethane
 Concen: 5.271 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX006589.D
 Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.2	15.9	47.6





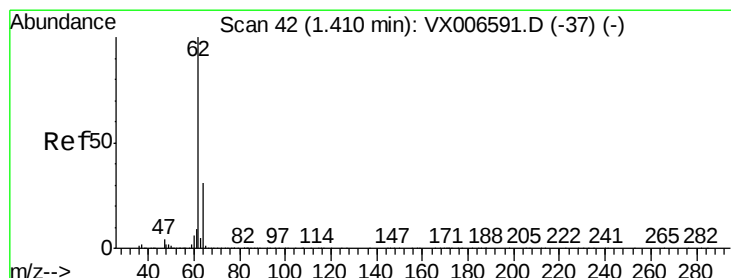
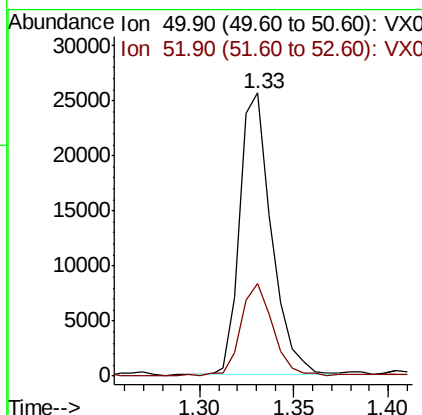
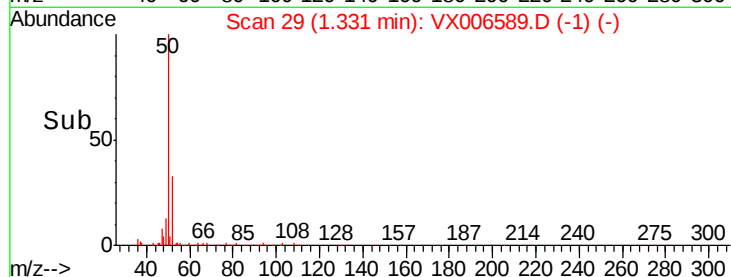
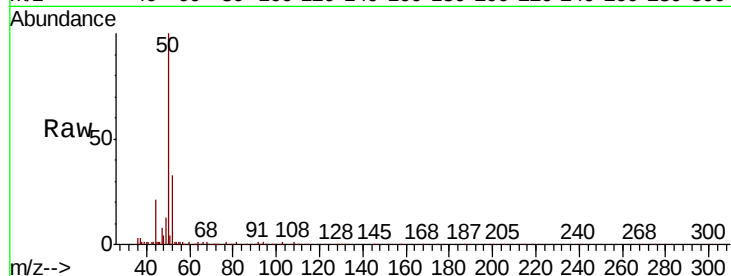
#3
Chloromethane
Concen: 4.954 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.6	25.4	38.2

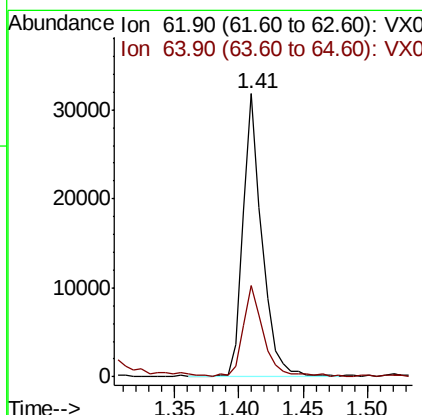
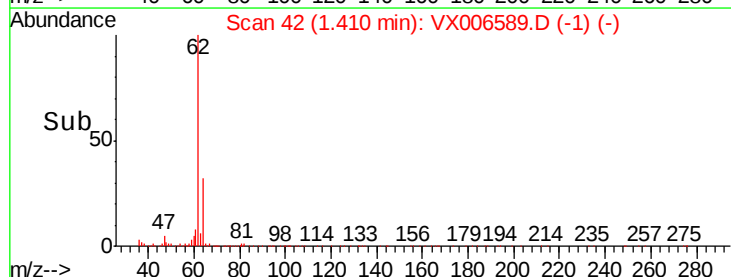
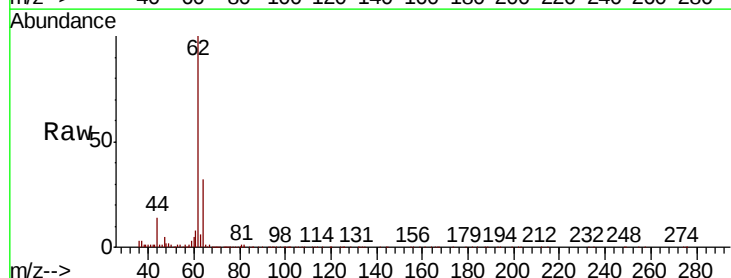
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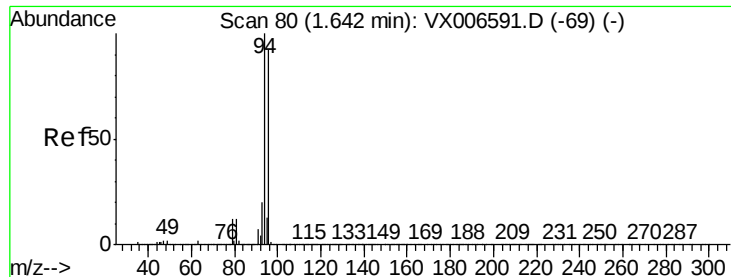
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#4
Vinyl Chloride
Concen: 5.177 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.6	25.1	37.7





#5

Bromomethane

Concen: 5.465 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 37479

Ion Ratio Lower Upper

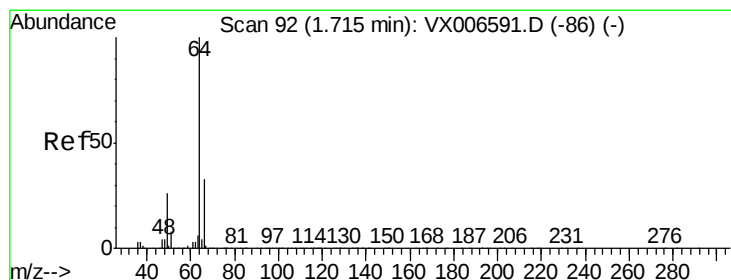
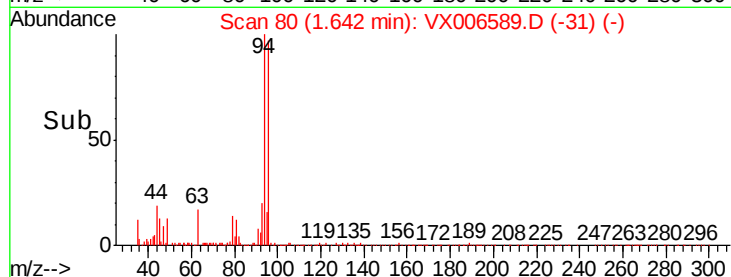
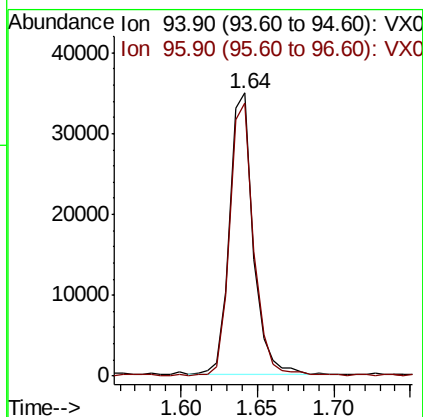
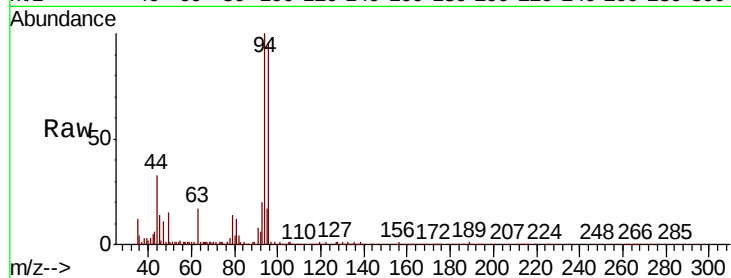
94 100

96 97.0 73.4 110.2

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#6

Chloroethane

Concen: 4.658 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006589.D

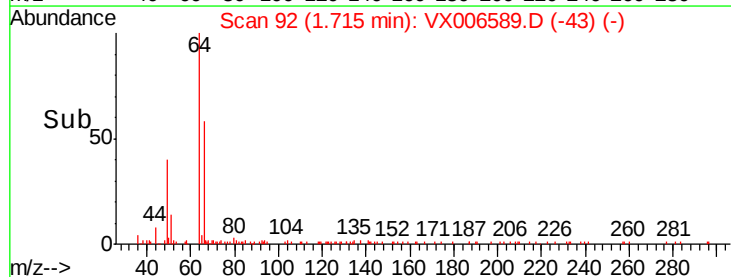
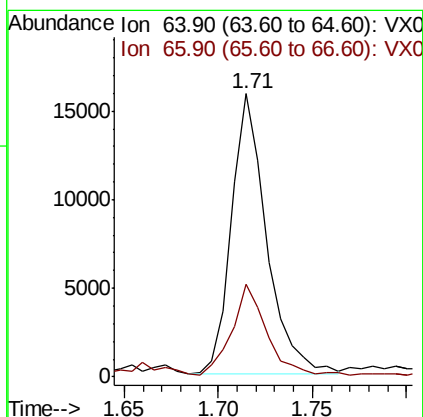
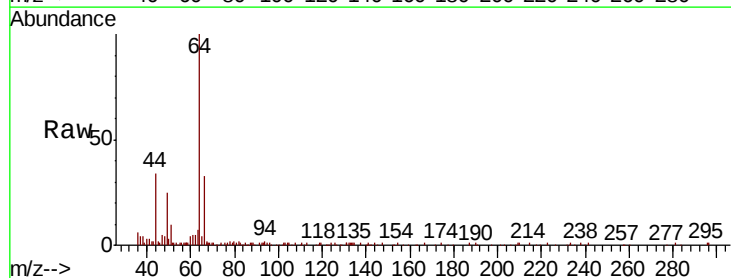
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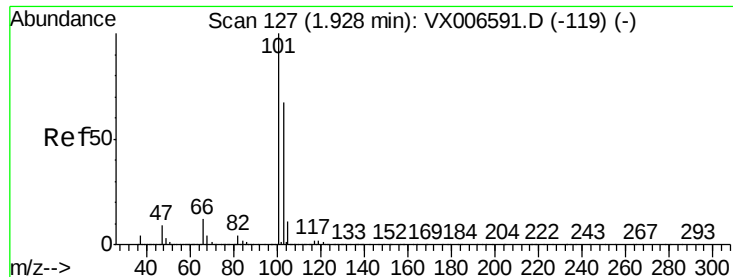
Tgt Ion: 64 Resp: 20344

Ion Ratio Lower Upper

64 100

66 32.1 26.4 39.6





#7

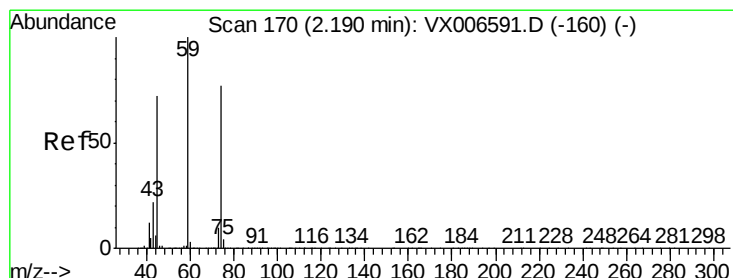
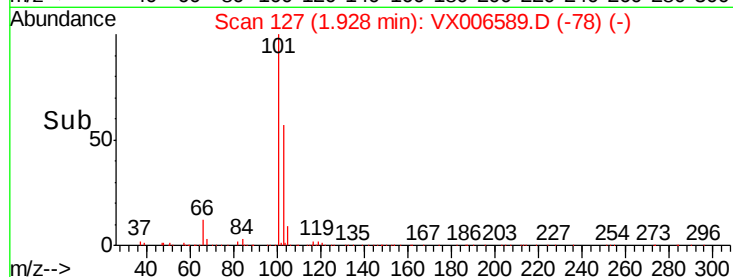
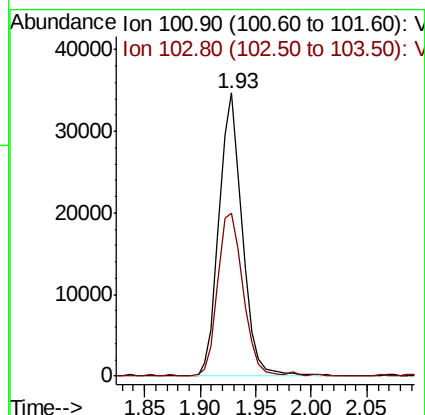
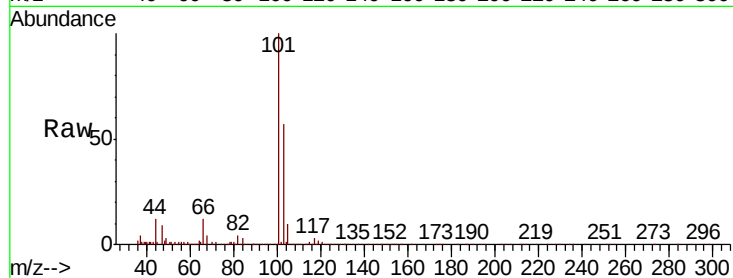
Trichlorofluoromethane
Concen: 5.128 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	57.5	53.2	79.8

Manual Integrations
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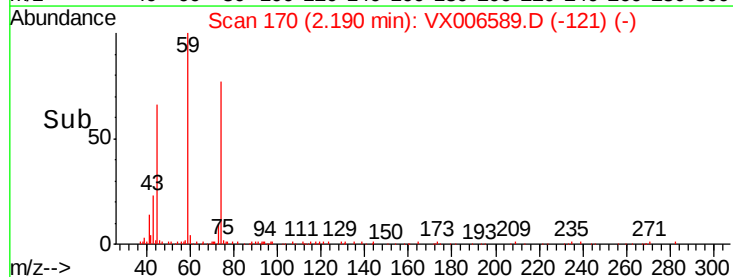
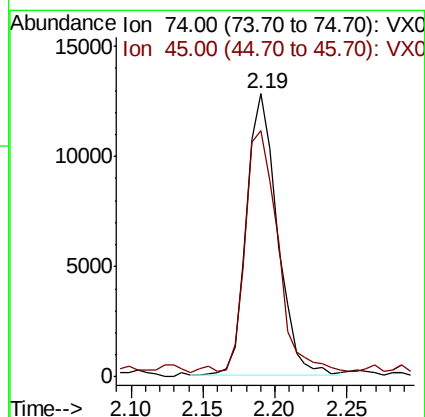
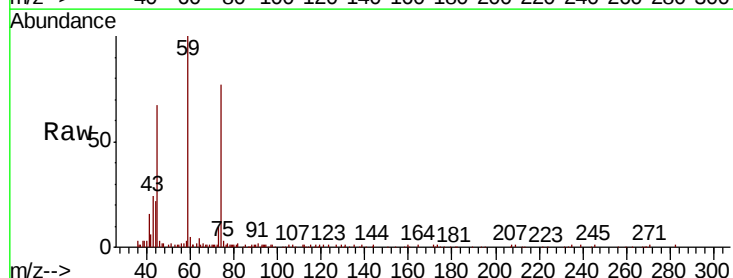
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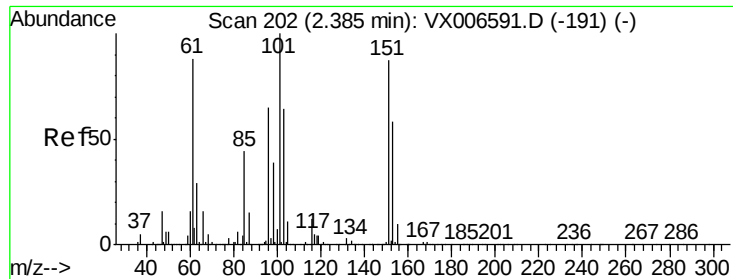


#8

Diethyl Ether
Concen: 4.873 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.5	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.038 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Instrument :

MSVOA_X

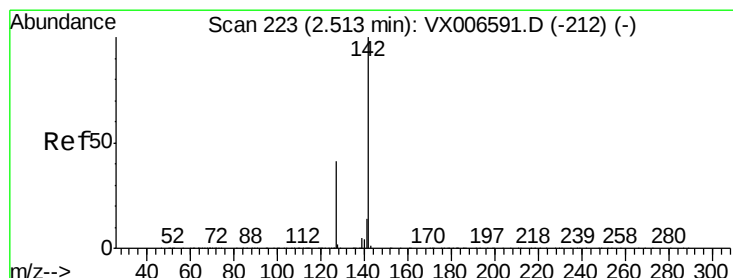
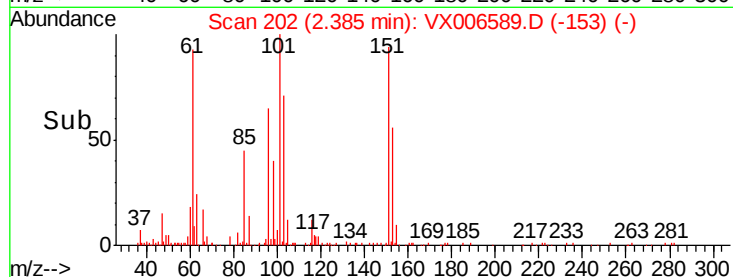
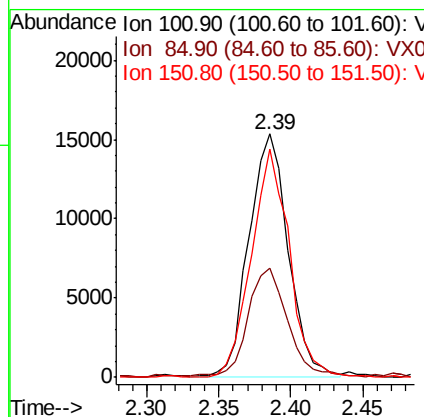
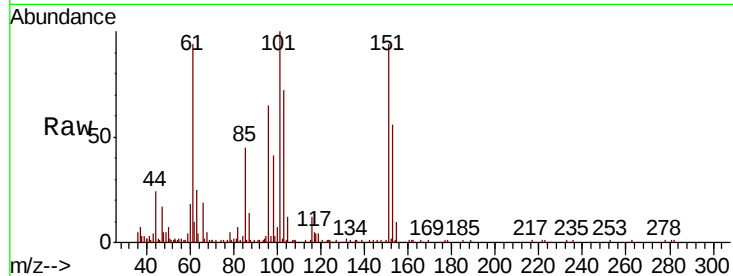
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	29090
Ion Ratio	Lower	Upper	
101	100		
85	45.5	35.1	52.7
151	90.2	68.9	103.3

Manual Integrations
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#10

Methyl Iodide

Concen: 4.219 ug/l

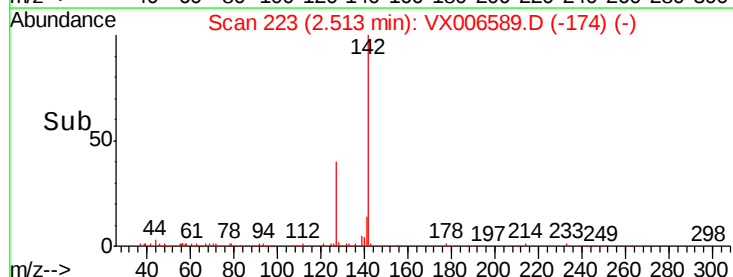
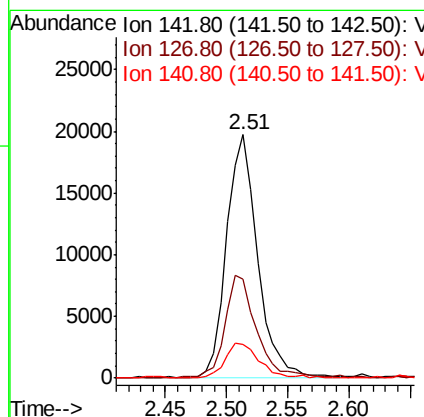
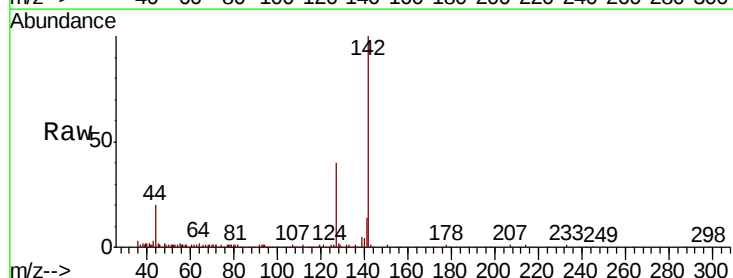
RT: 2.51 min Scan# 223

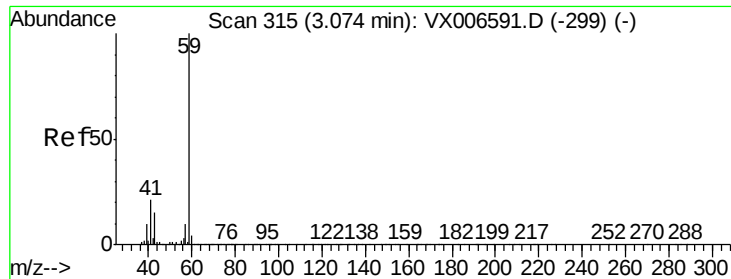
Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Tgt Ion:	142	Resp:	34867
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.9	50.9
141	16.0	11.4	17.0





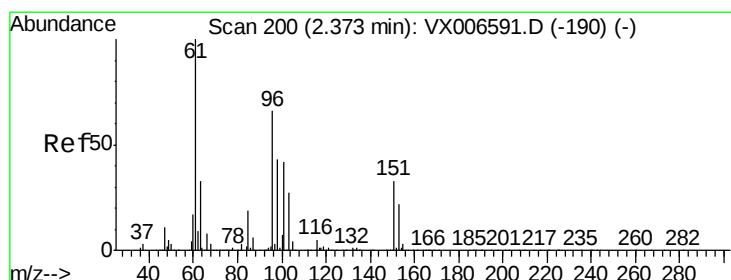
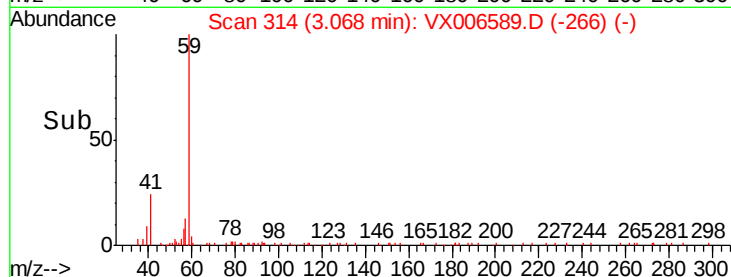
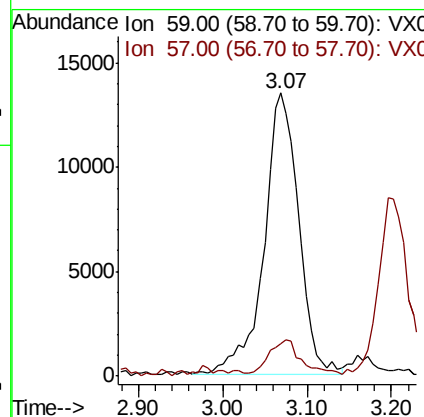
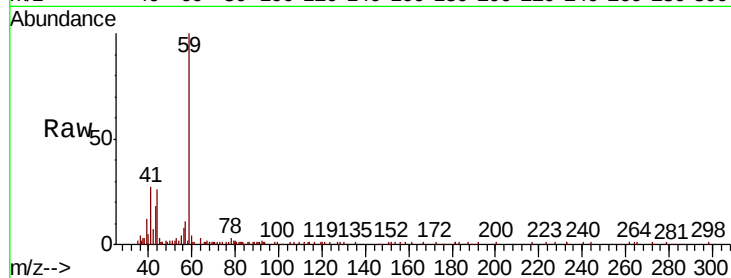
#11
Tert butyl alcohol
Concen: 25.927 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.5	12.7

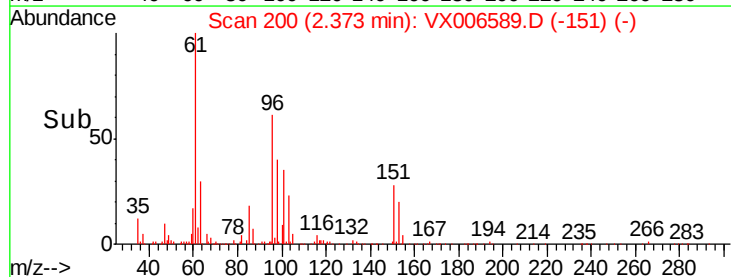
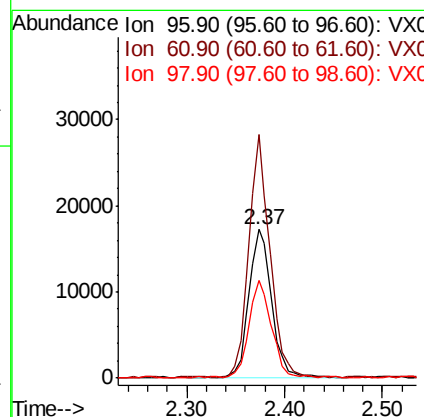
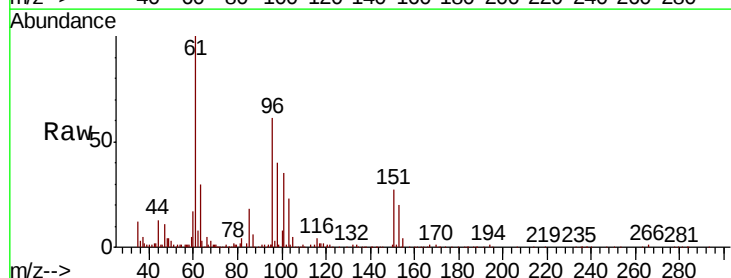
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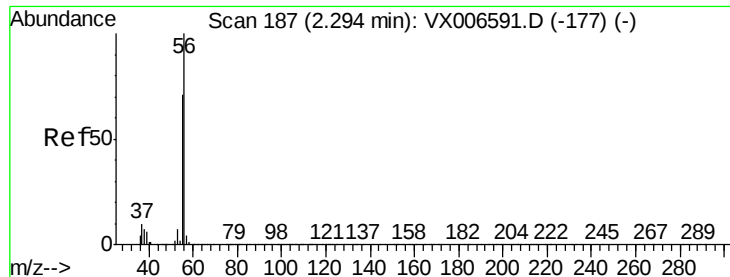
MMDadoda
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#12
1,1-Dichloroethene
Concen: 5.154 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.7	121.4	182.2
98	65.8	51.9	77.9





#13

Acrolein

Concen: 27.101 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 26946

Ion Ratio Lower Upper

56 100

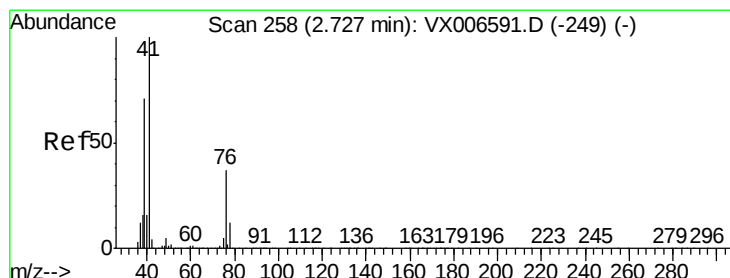
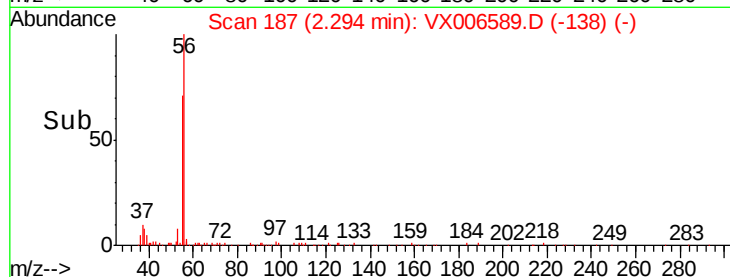
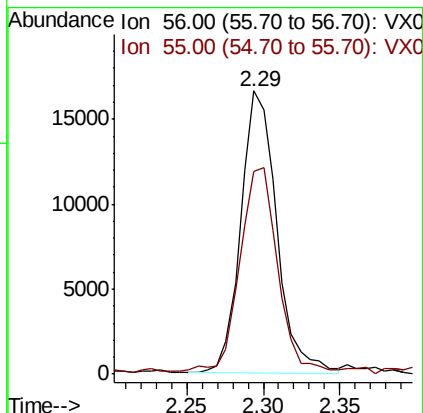
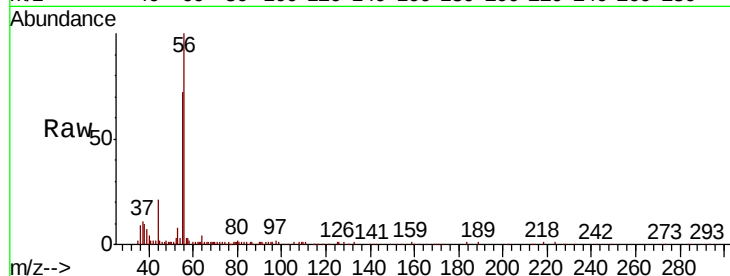
55 75.8 58.2 87.4

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#14

Allyl chloride

Concen: 5.040 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

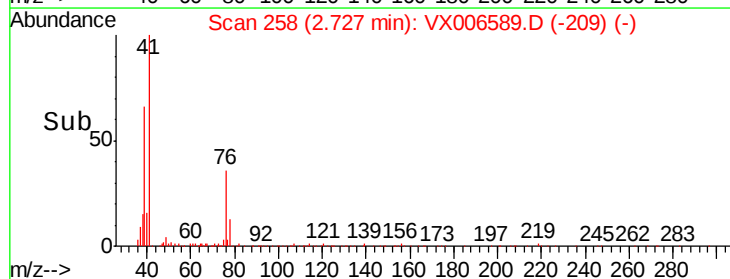
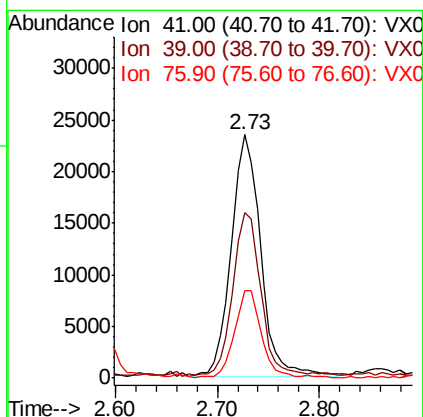
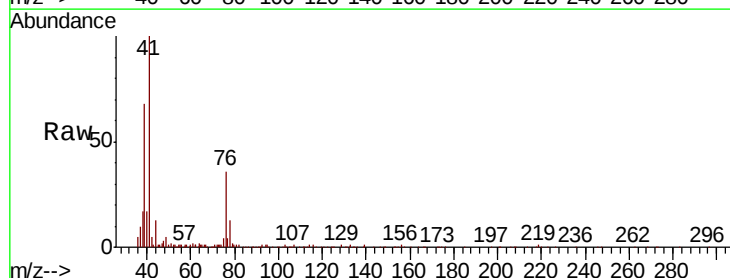
Tgt Ion: 41 Resp: 46443

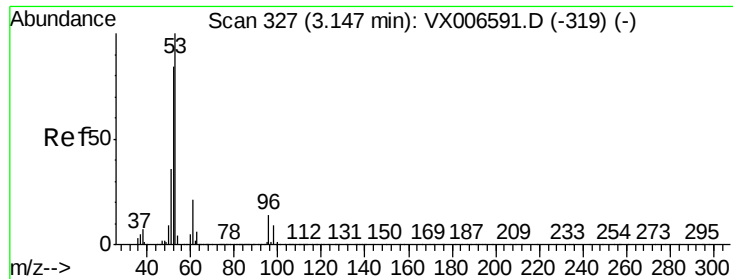
Ion Ratio Lower Upper

41 100

39 62.8 53.6 80.4

76 33.1 27.4 41.2





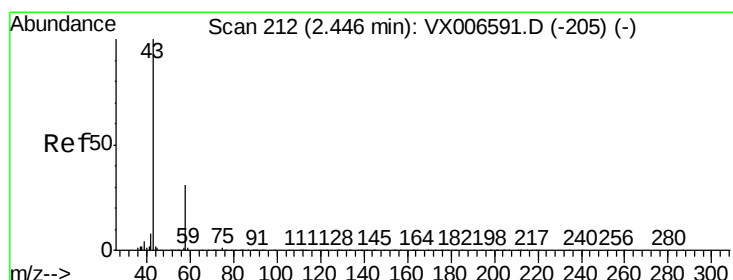
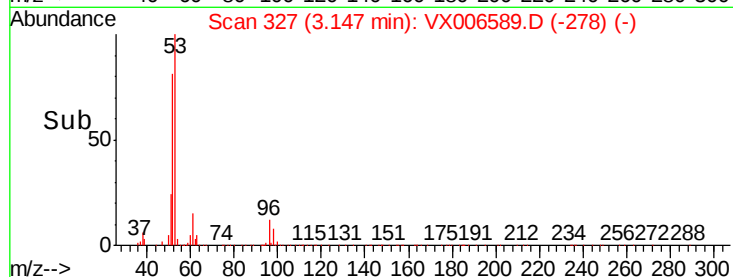
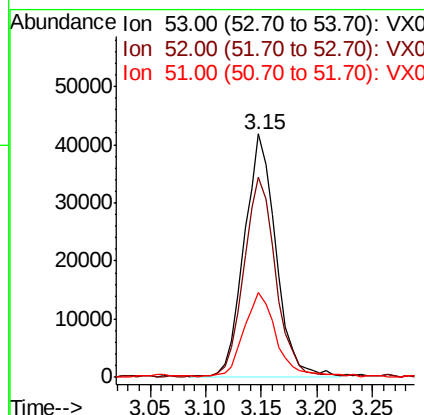
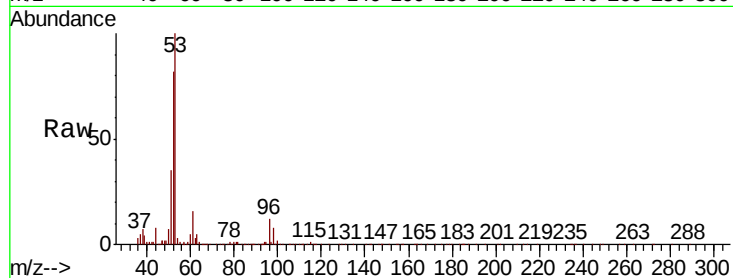
#15
 Acrylonitrile
 Concen: 25.074 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VX006589.D
 Acq: 18 Dec 2018 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	53	Resp:	82051
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.0	99.0
51	35.6	28.6	42.8

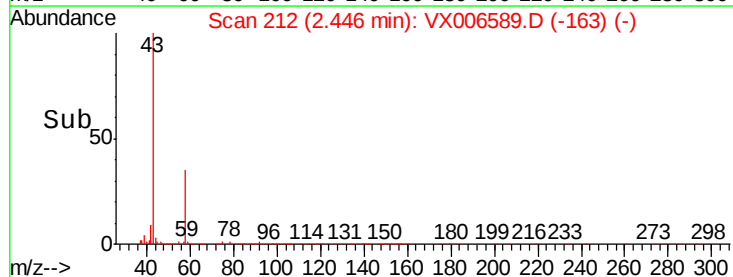
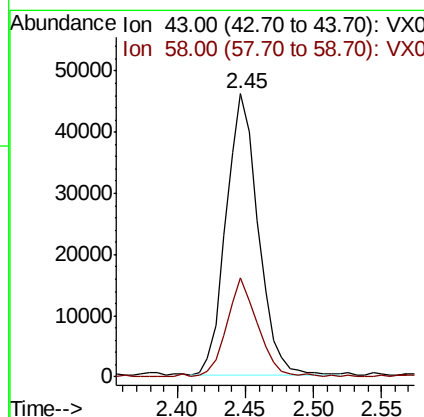
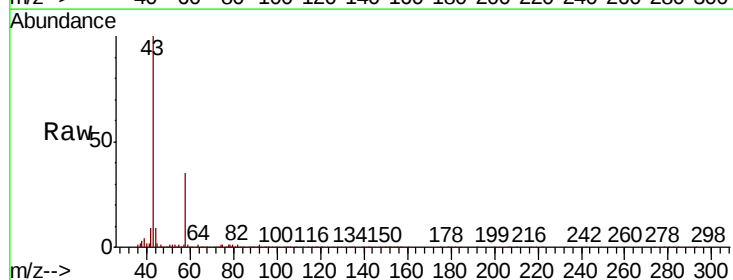
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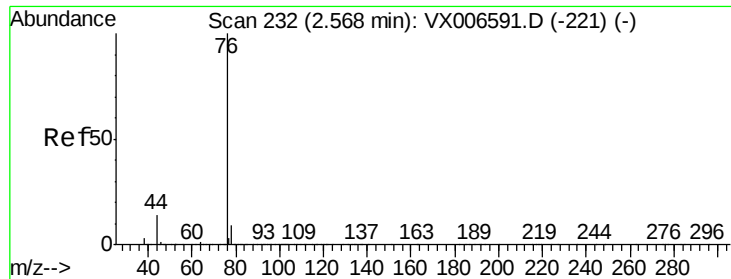
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#16
 Acetone
 Concen: 24.755 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006589.D
 Acq: 18 Dec 2018 11:11

Tgt Ion:	43	Resp:	75109
Ion Ratio	Lower	Upper	
43	100		
58	35.0	25.0	37.6





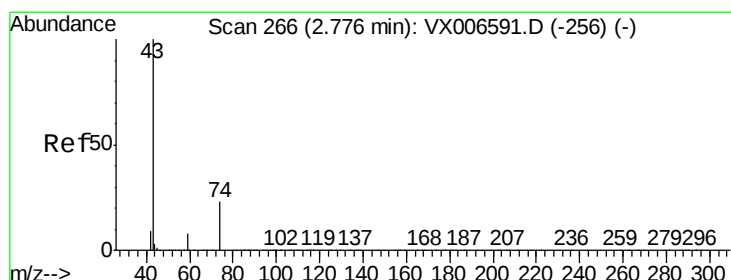
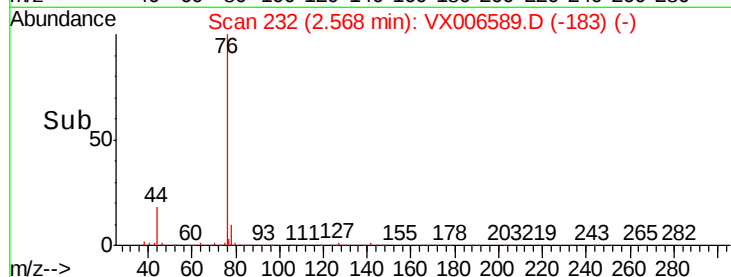
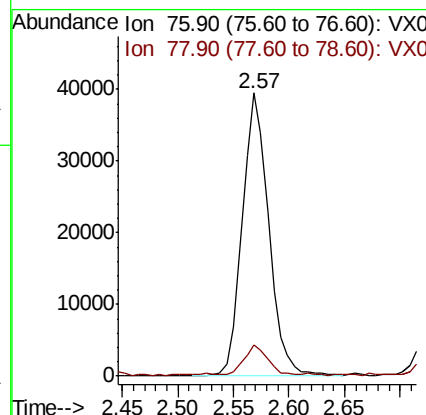
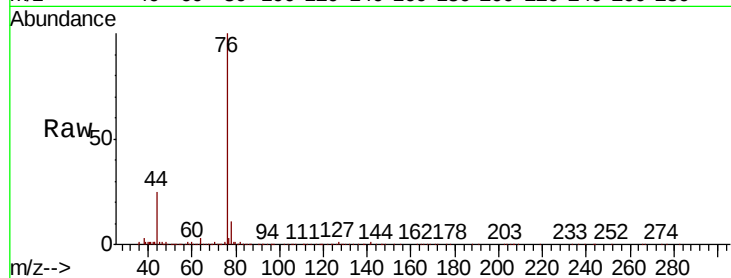
#17
Carbon Disulfide
Concen: 4.496 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.4	7.0	10.6

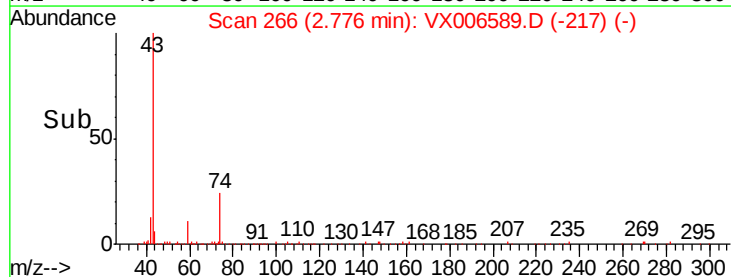
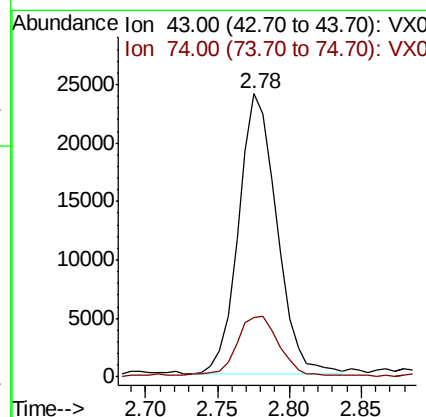
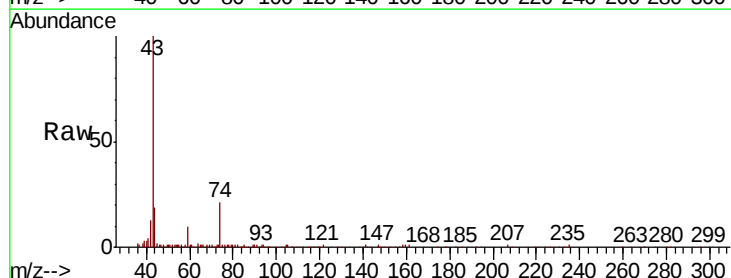
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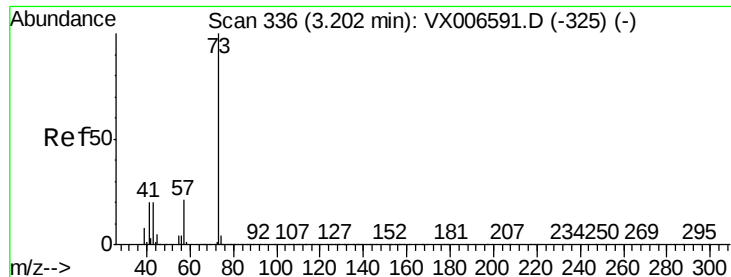
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#18
Methyl Acetate
Concen: 4.967 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	18.6	28.0





#19

Methyl tert-butyl Ether

Concen: 5.116 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX006589.D

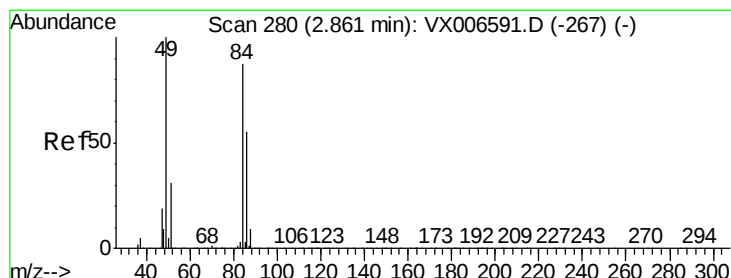
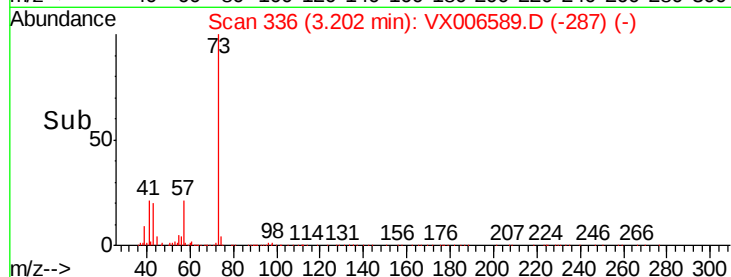
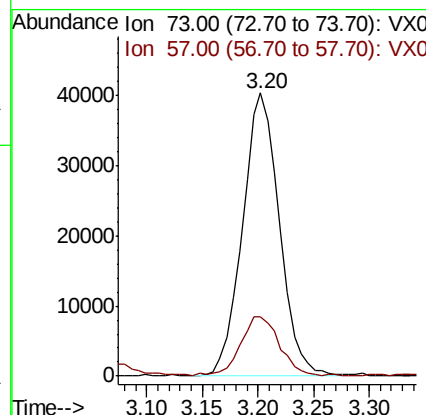
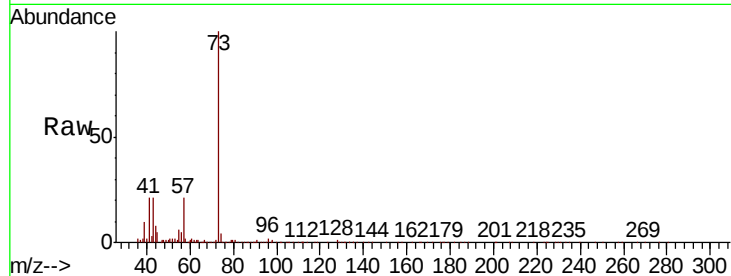
Acq: 18 Dec 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	16.8	25.2

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#20

Methylene Chloride

Concen: 5.026 ug/l

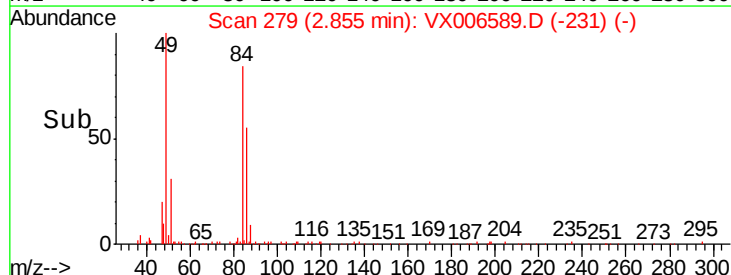
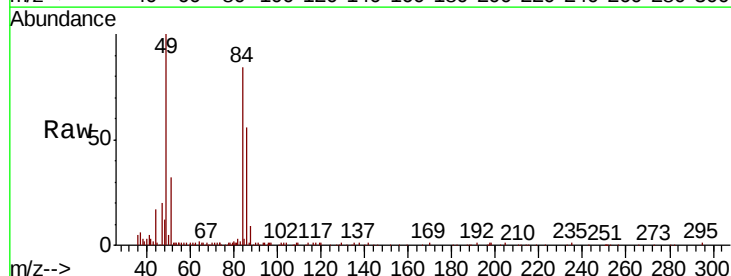
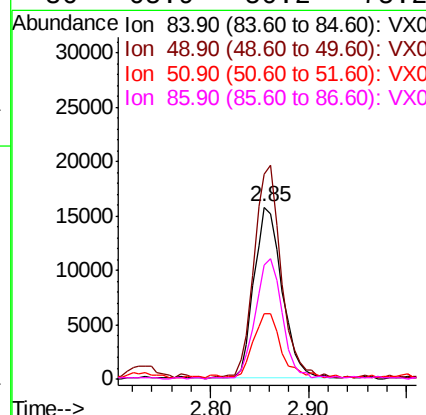
RT: 2.85 min Scan# 279

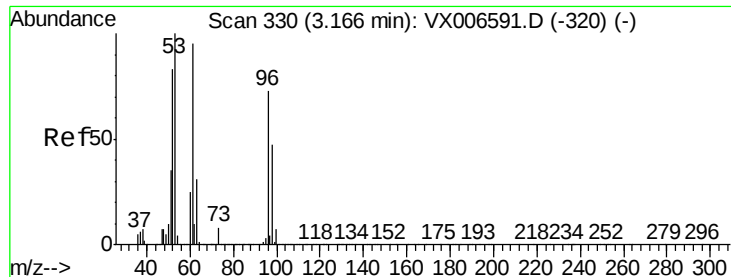
Delta R.T. -0.01 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.0	91.8	137.6
51	37.6	28.5	42.7
86	65.9	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 4.954 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Instrument :

MSVOA_X

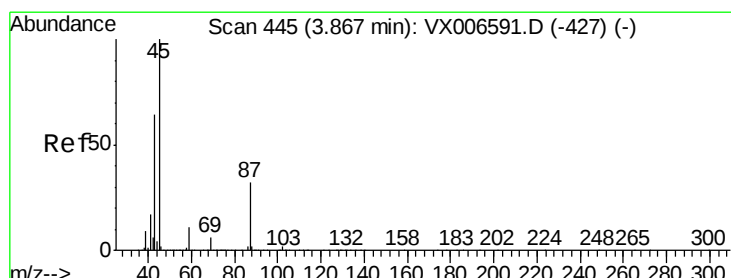
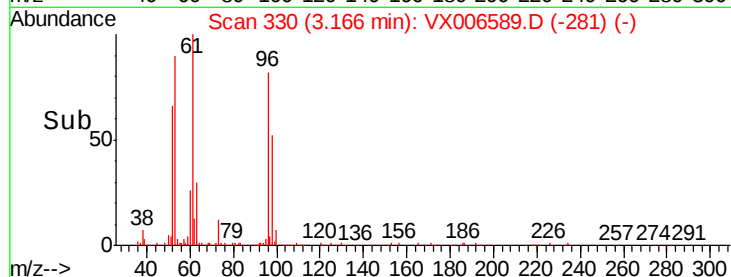
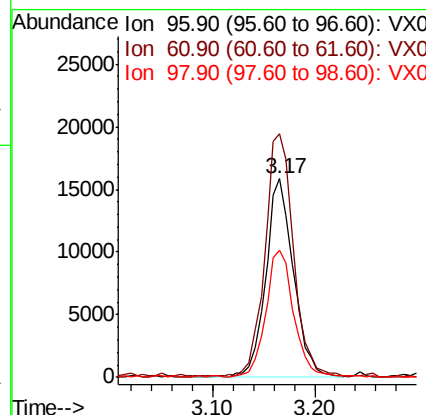
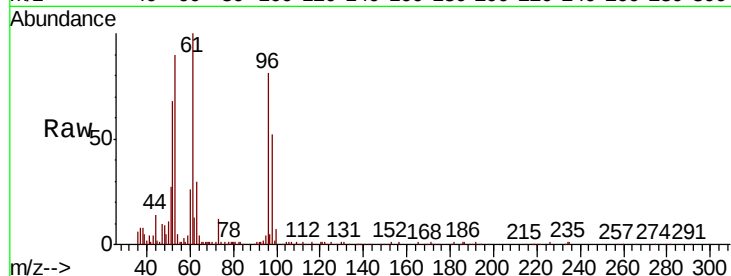
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	30051
Ion	Ratio	Lower	Upper
96	100		
61	122.3	103.7	155.5
98	63.6	51.0	76.6

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#22

Diisopropyl ether

Concen: 5.226 ug/l

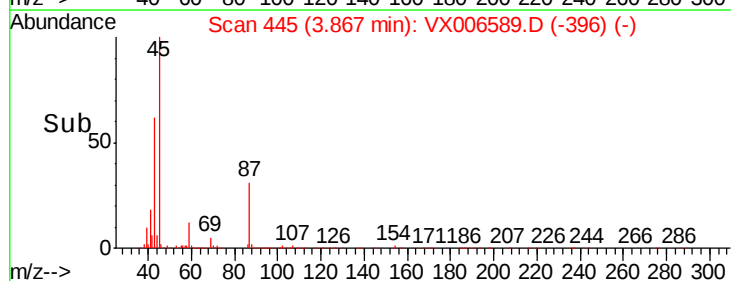
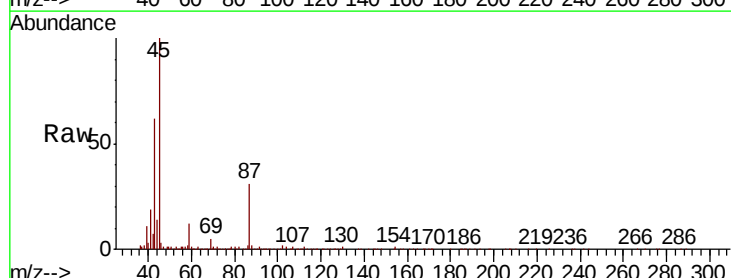
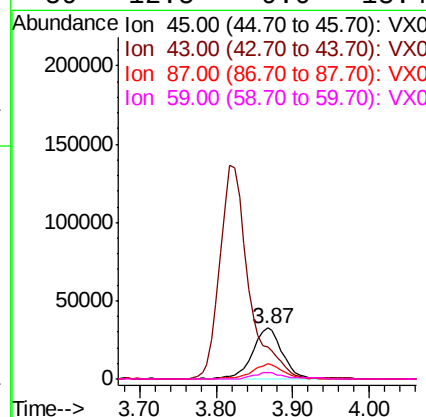
RT: 3.87 min Scan# 445

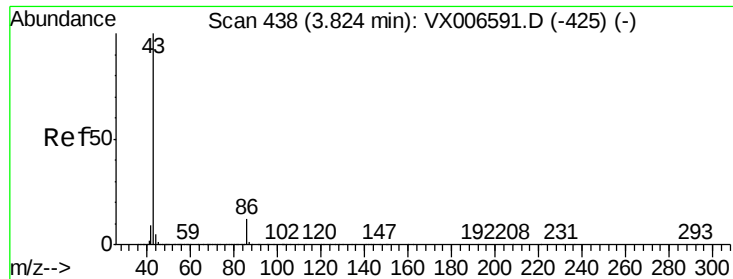
Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Tgt Ion:	45	Resp:	88100
Ion	Ratio	Lower	Upper
45	100		
43	60.3	51.2	76.8
87	30.8	25.8	38.6
59	12.5	9.0	13.4





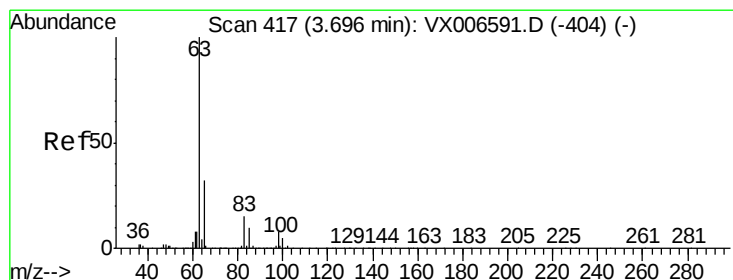
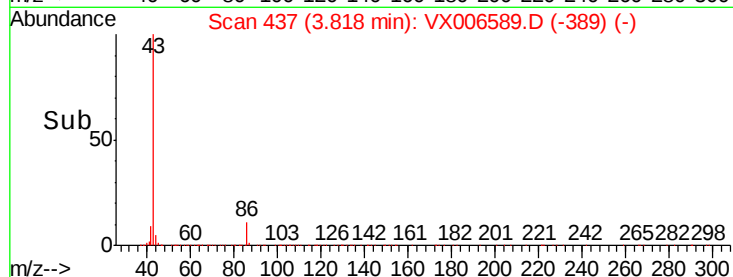
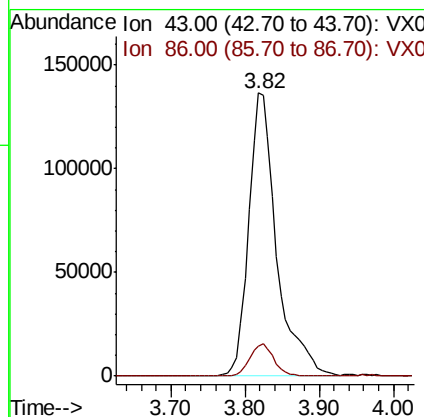
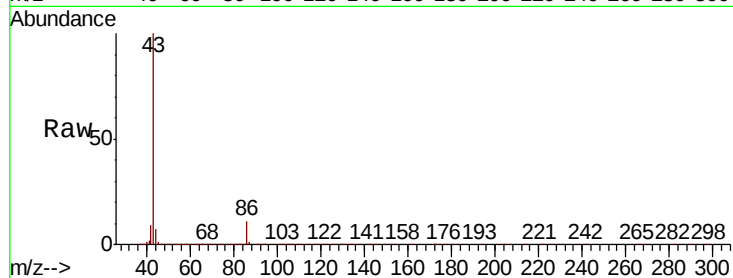
#23
 Vinyl Acetate
 Concen: 25.997 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: VX006589.D
 Acq: 18 Dec 2018 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.6	9.2	13.8

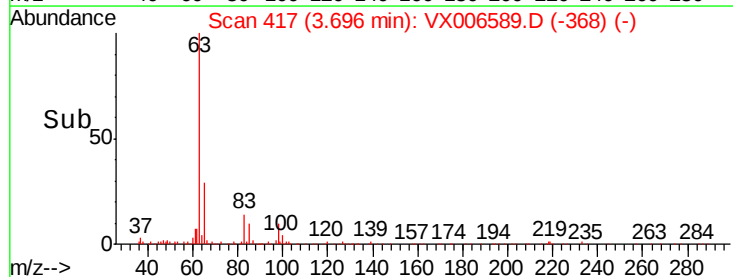
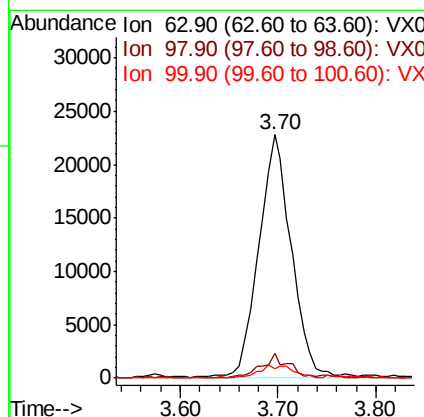
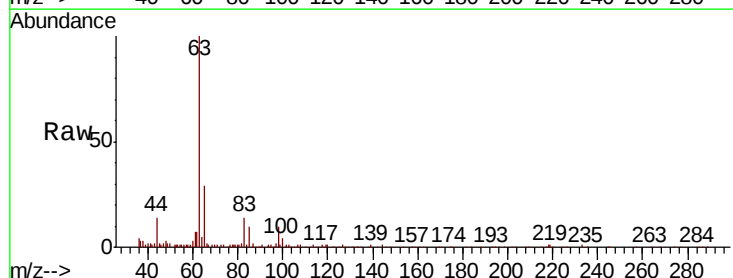
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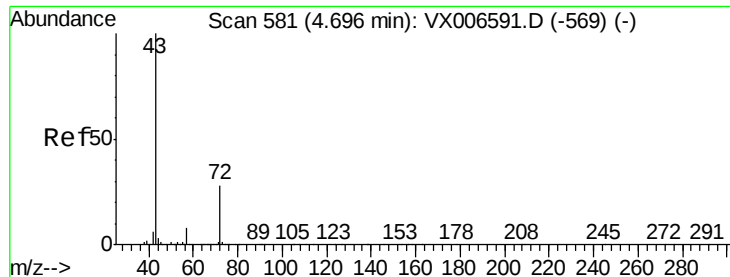
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#24
 1,1-Dichloroethane
 Concen: 5.262 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX006589.D
 Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
63	100		
98	10.0	3.9	11.5
100	4.0	2.4	7.2





#25

2-Butanone

Concen: 24.856 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 106082

Ion Ratio Lower Upper

43 100

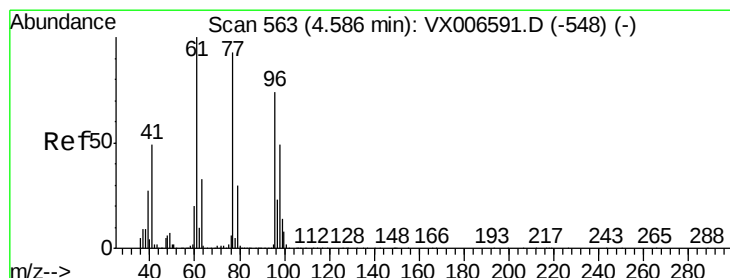
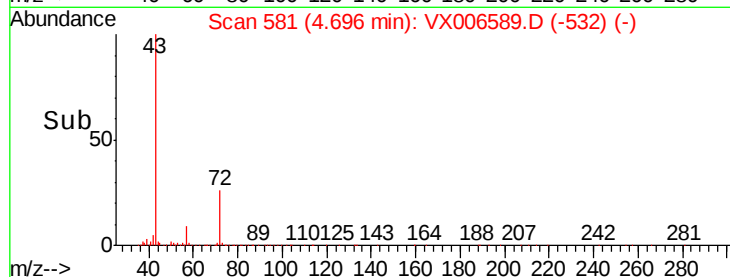
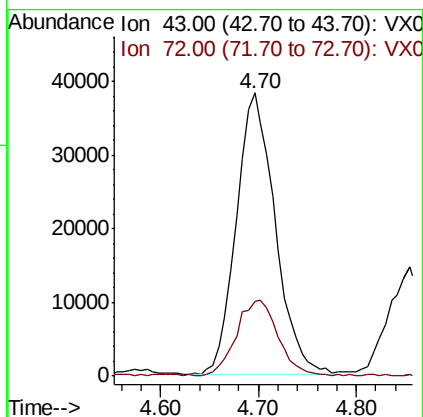
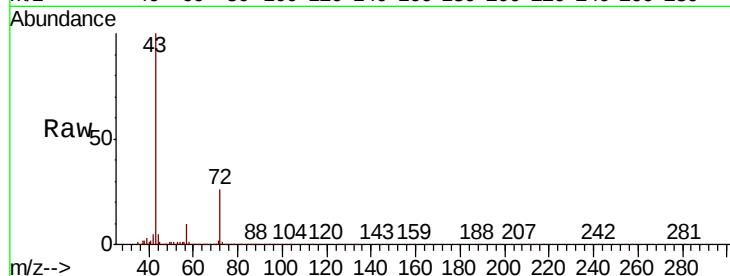
72 26.0 22.4 33.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 4.614 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006589.D

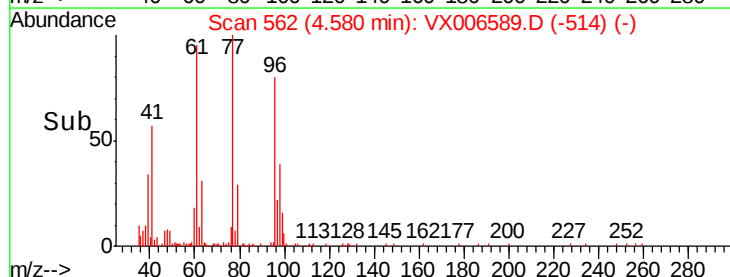
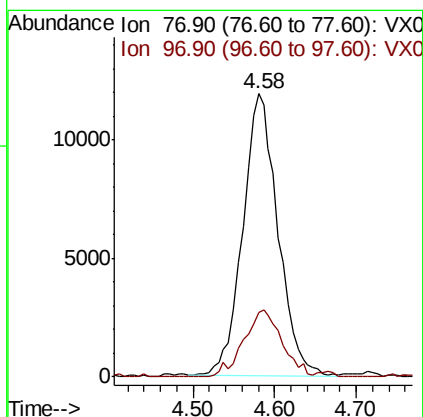
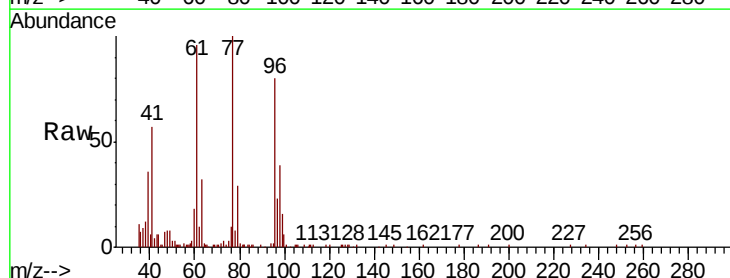
Acq: 18 Dec 2018 11:11

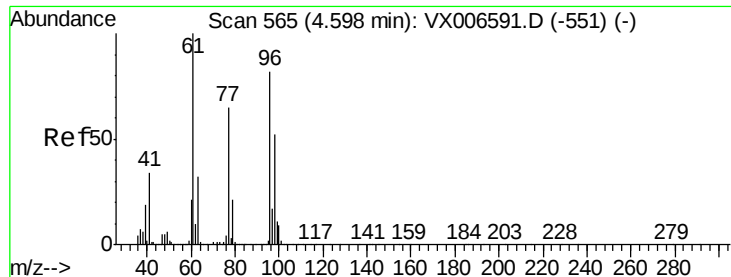
Tgt Ion: 77 Resp: 35871

Ion Ratio Lower Upper

77 100

97 25.9 12.4 37.4





#27

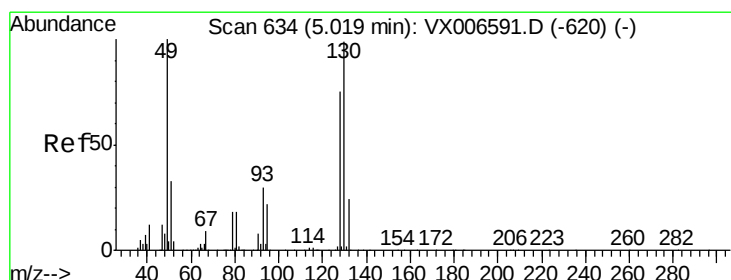
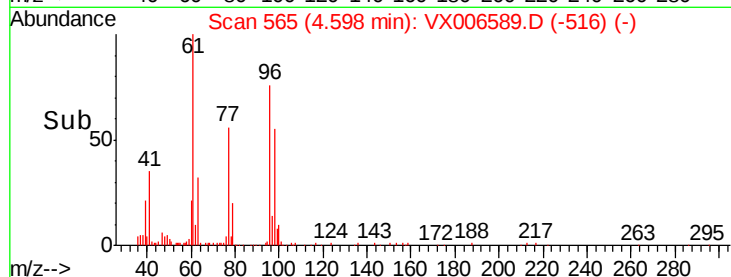
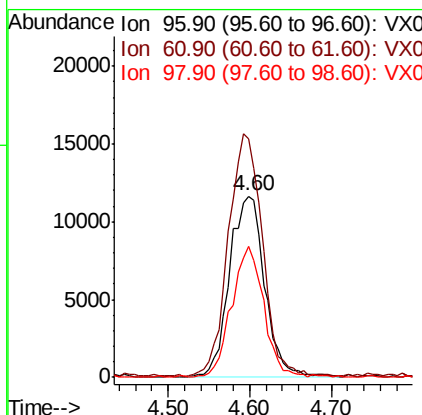
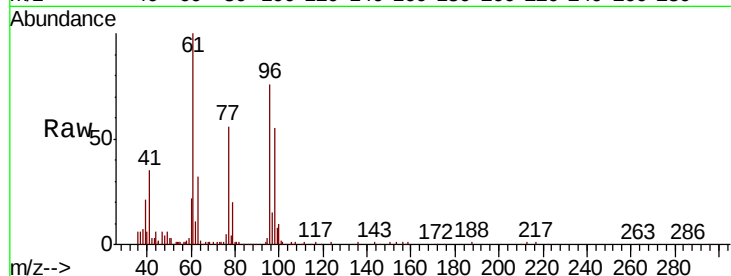
cis-1,2-Dichloroethene
Concen: 5.178 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.8	0.0	258.6
98	65.8	0.0	132.0

Manual Integrations
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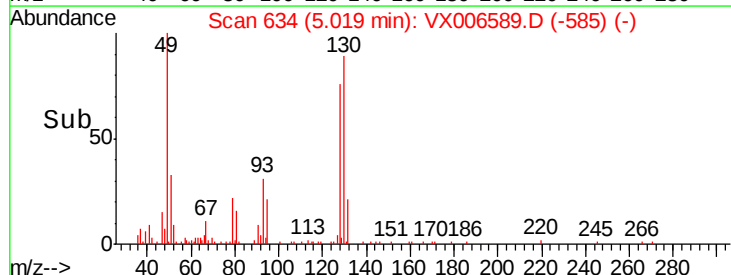
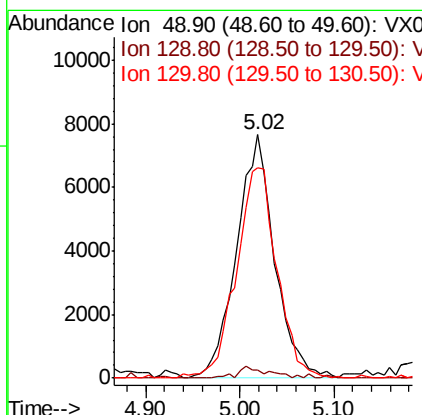
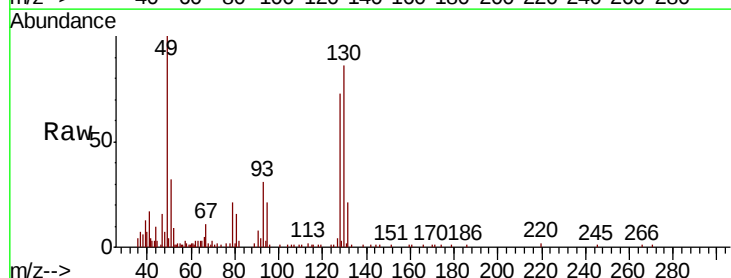
MMDadoda
12/19/2018 11:21:52 AM

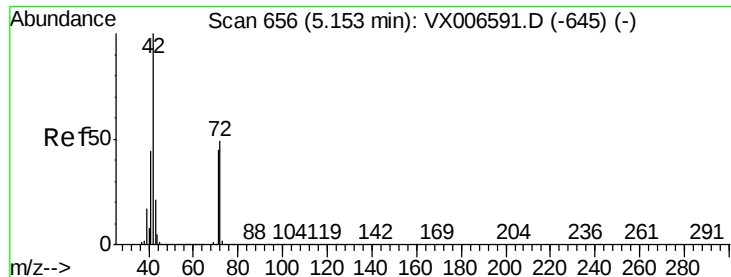


#28

Bromochloromethane
Concen: 4.683 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.4
130	92.2	77.7	116.5





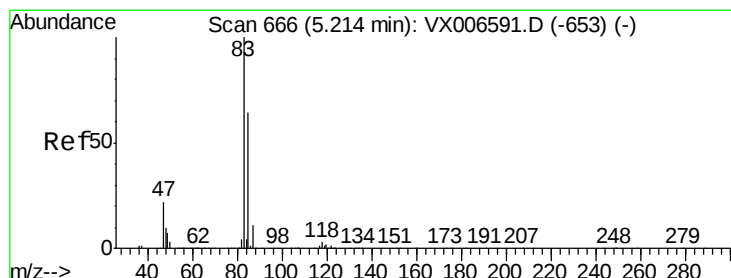
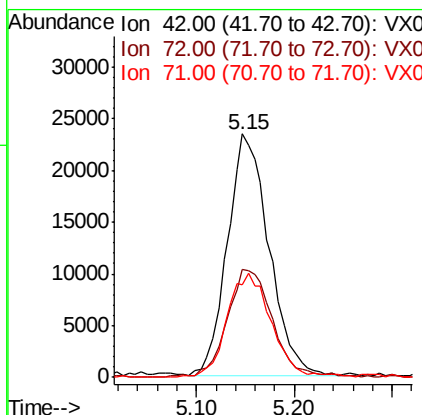
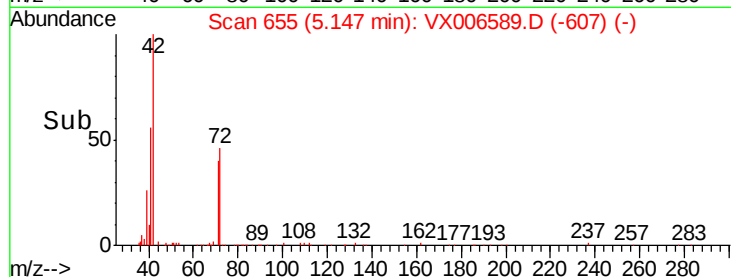
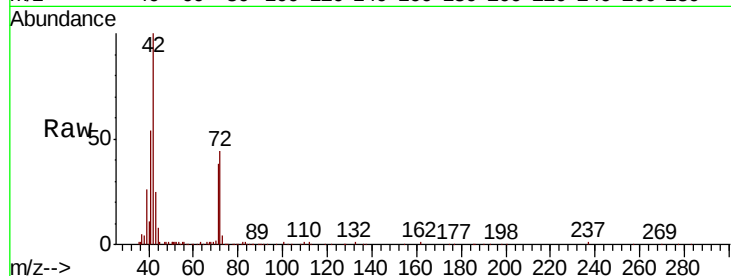
#29
Tetrahydrofuran
Concen: 24.581 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	42	Resp:	69096
Ion	Ratio	Lower	Upper
42	100		
72	49.1	38.9	58.3
71	45.9	36.2	54.4

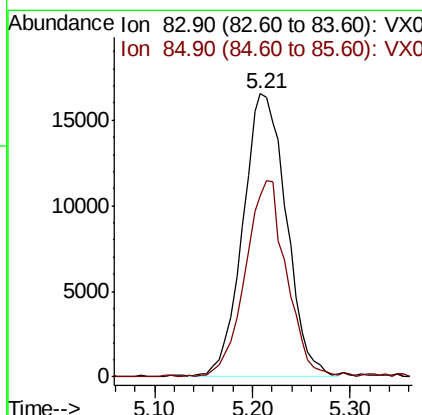
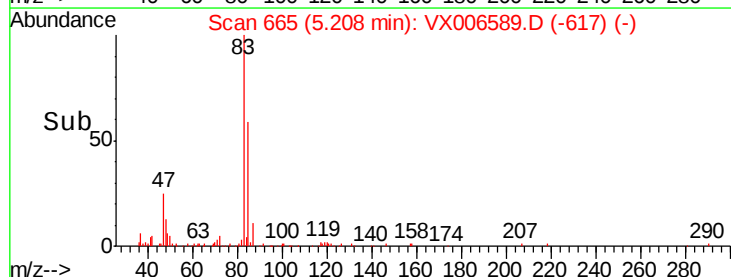
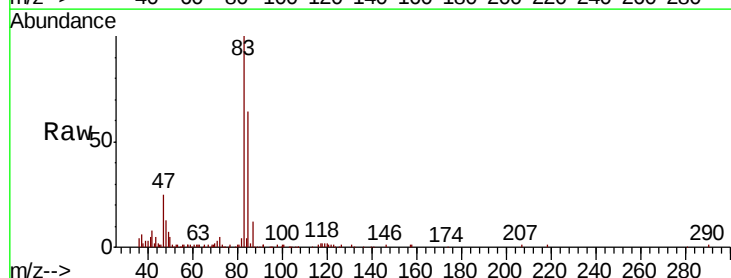
Manual Integrations
APPROVED

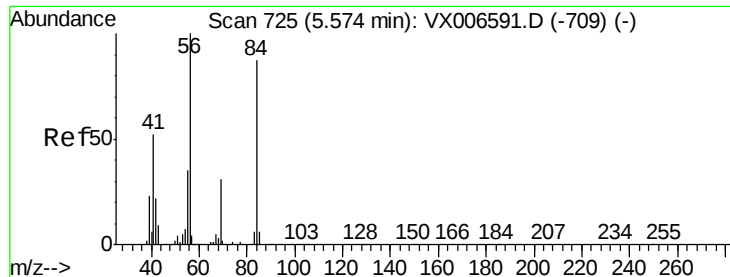
MMDadoda
12/19/2018 11:21:52 AM



#30
Chloroform
Concen: 4.855 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Tgt Ion:	83	Resp:	50600
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.2	76.8





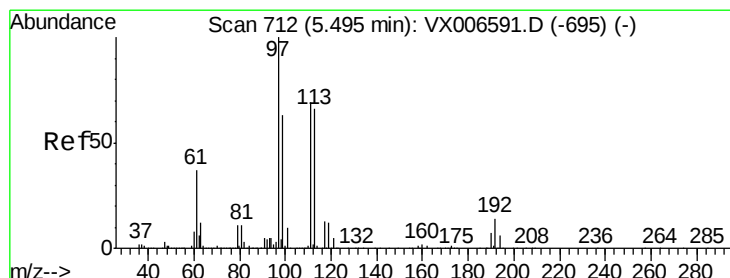
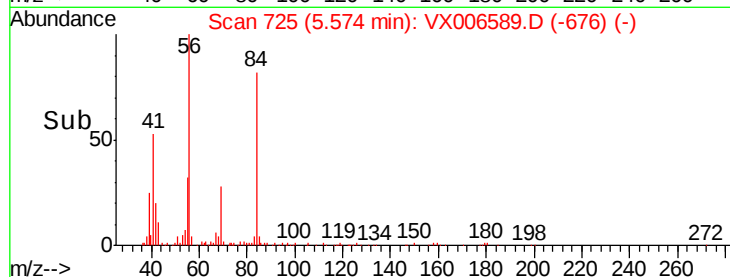
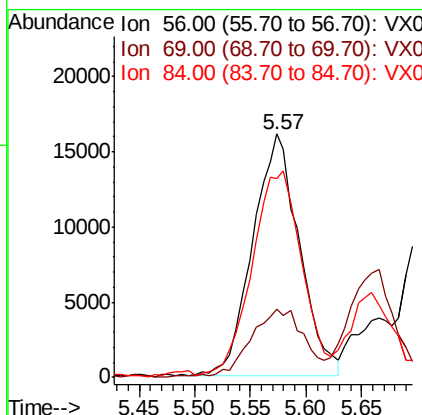
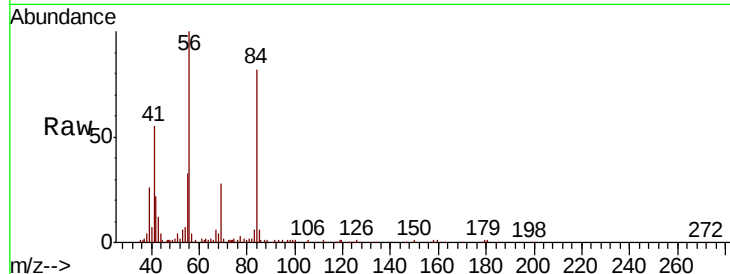
#31
Cyclohexane
Concen: 5.099 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.9	24.4	36.6
84	79.7	70.0	105.0

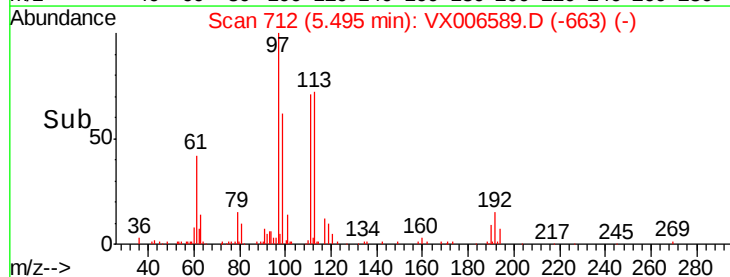
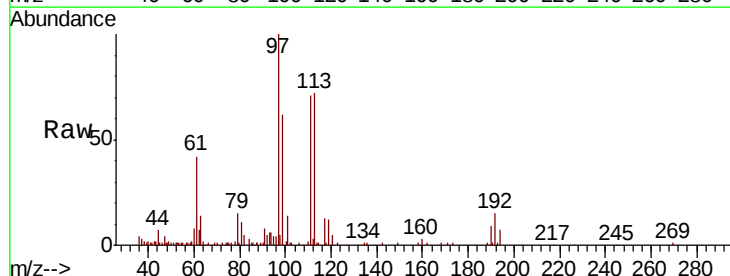
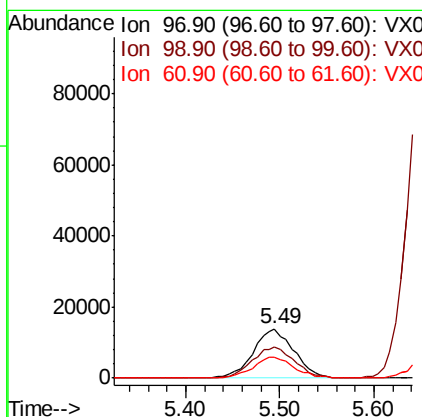
Manual Integrations
APPROVED

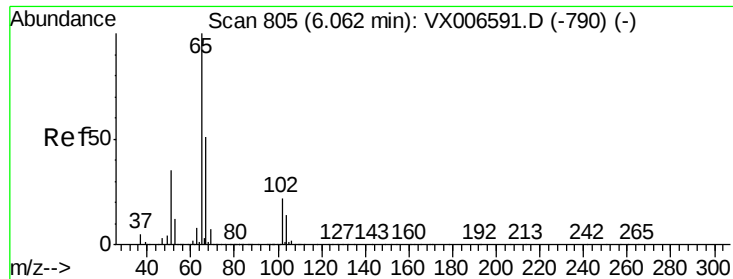
MMDadoda
12/19/2018 11:21:52 AM



#32
1,1,1-Trichloroethane
Concen: 4.765 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.7	77.5
61	43.6	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 5.310 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 35066

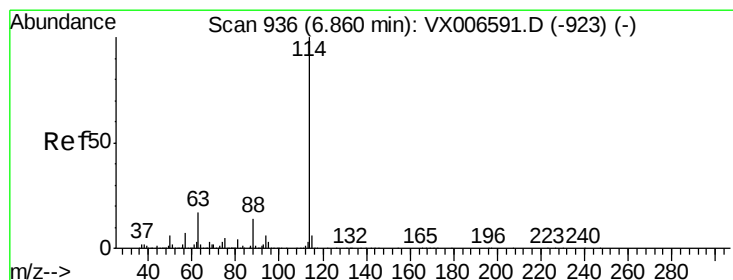
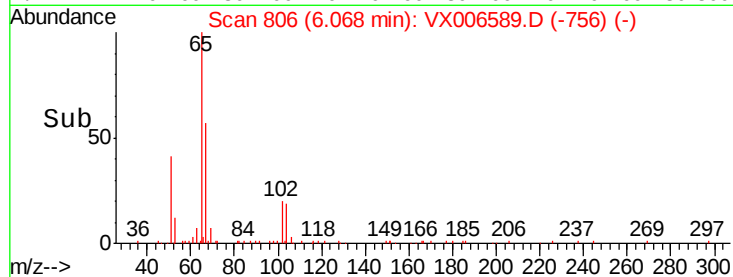
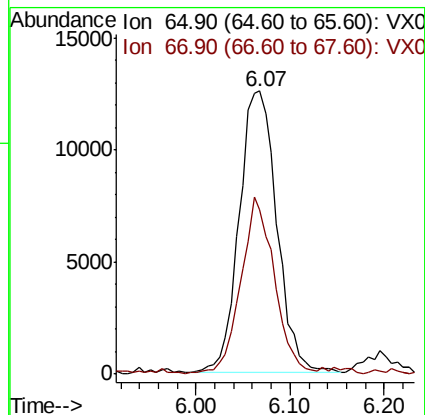
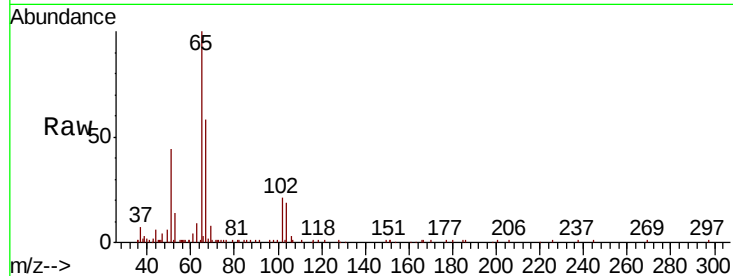
Ion Ratio Lower Upper

65 100

67 56.4 0.0 105.0

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

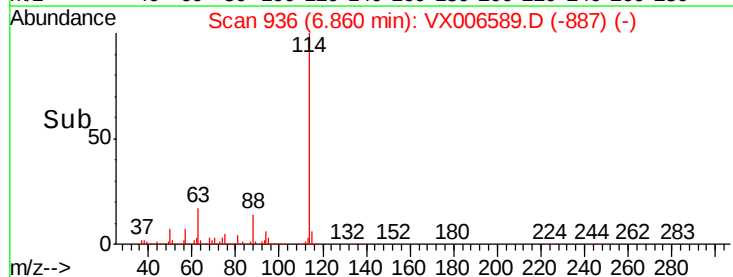
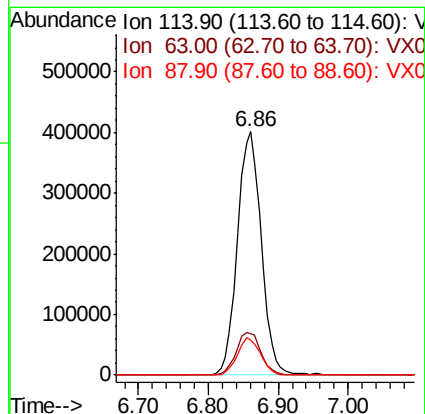
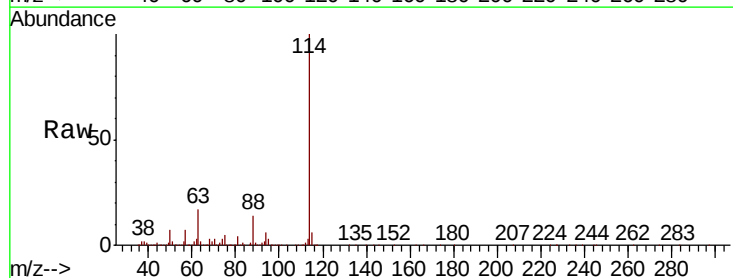
Tgt Ion: 114 Resp: 954440

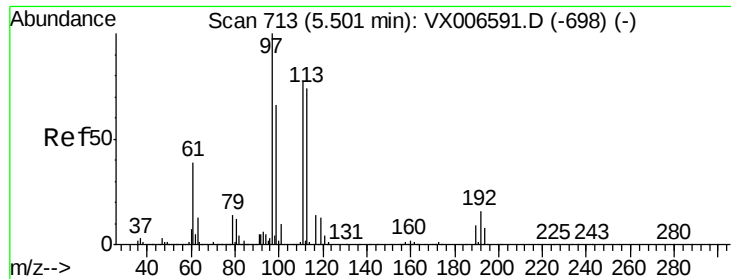
Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.8

88 14.5 0.0 28.8





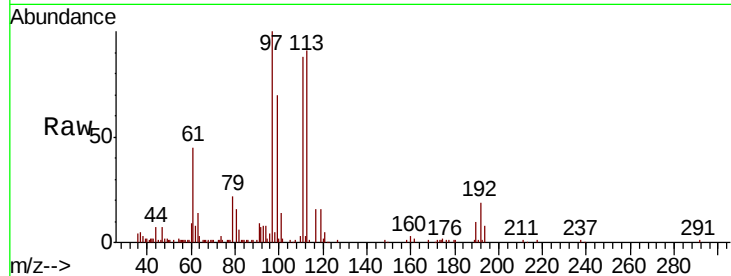
#35
Dibromofluoromethane
Concen: 5.006 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	98.9	81.6	122.4
192	21.5	16.7	25.1

Manual Integrations
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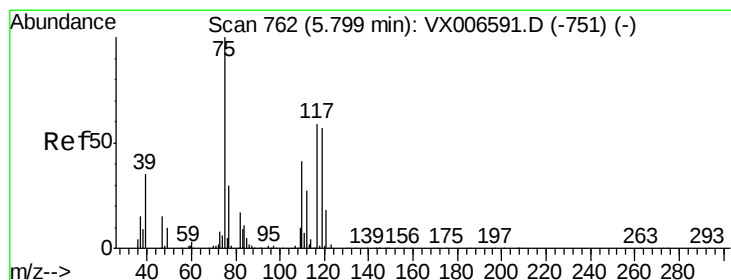
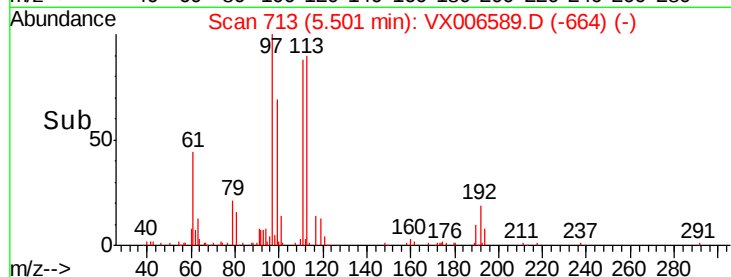
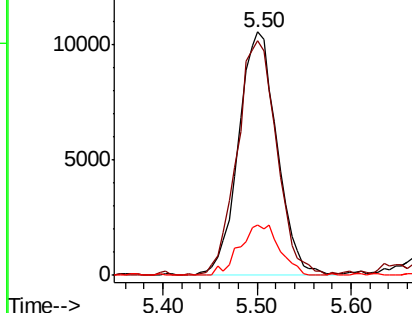


Abundance

Ion 112.80 (112.50 to 113.50): V

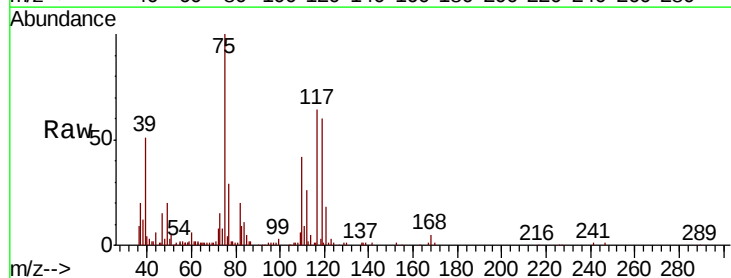
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 5.049 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.01 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	42.1	20.2	60.5
77	30.3	24.8	37.2

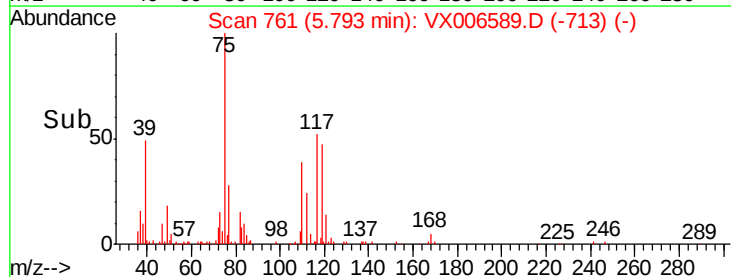
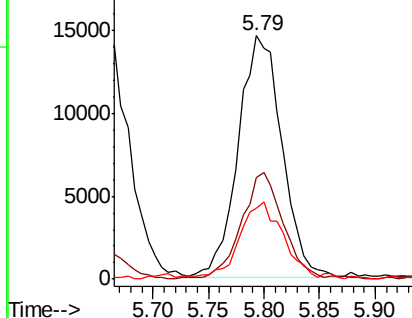


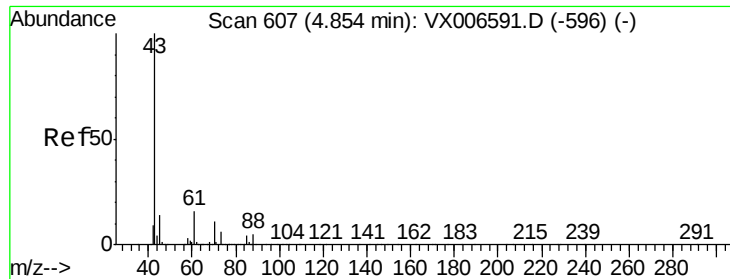
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





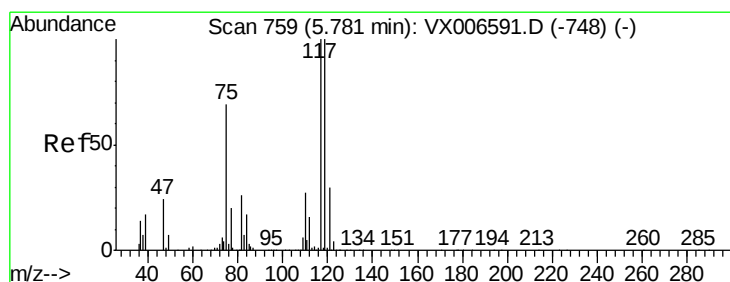
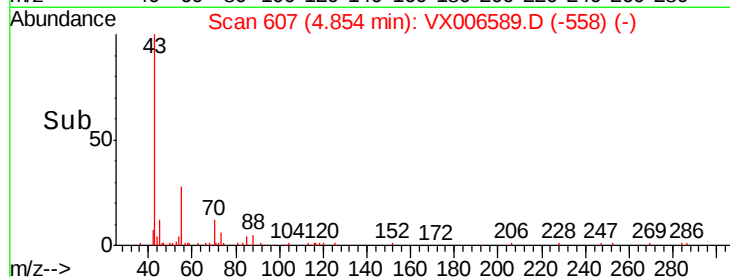
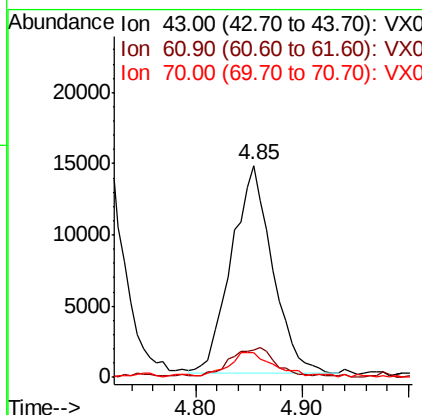
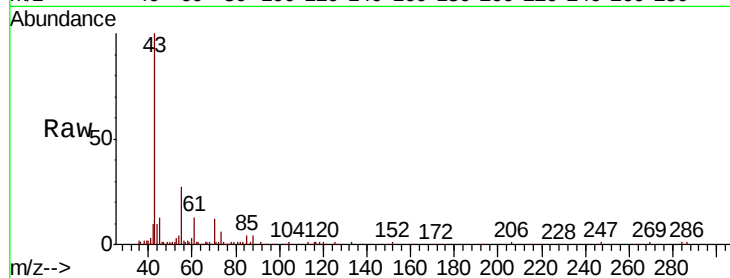
#37
Ethyl Acetate
Concen: 4.802 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.9	17.9
70	12.6	9.7	14.5

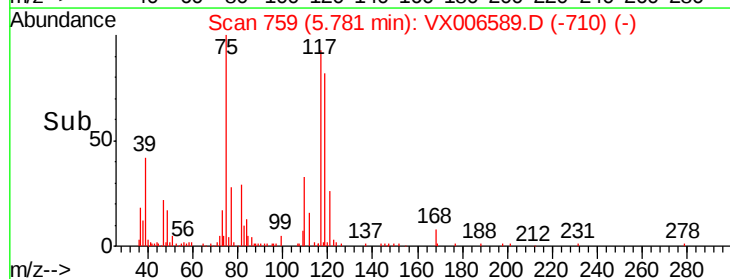
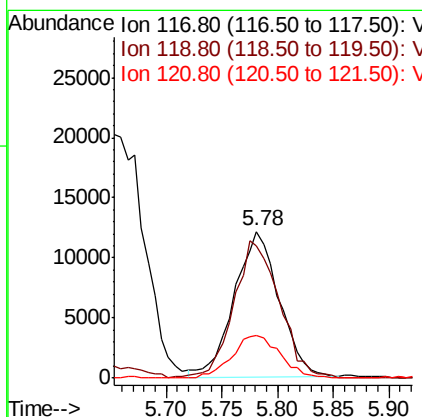
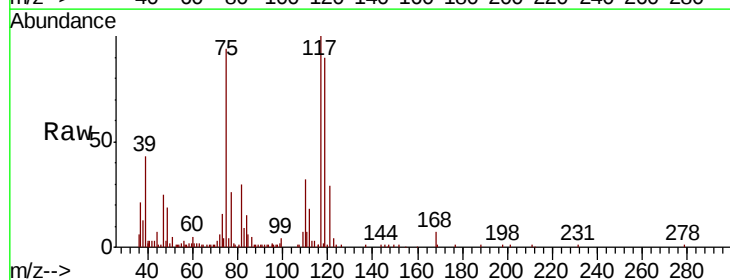
Manual Integrations
APPROVED

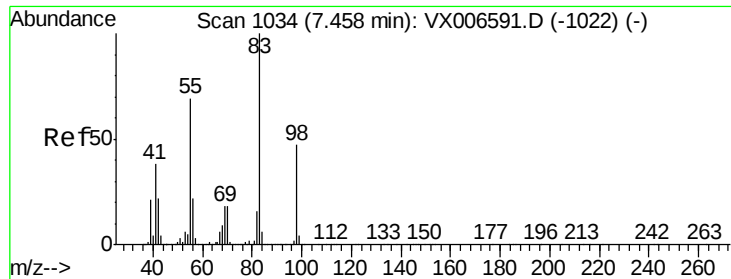
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#38
Carbon Tetrachloride
Concen: 4.412 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.6	79.4	119.2
121	29.1	24.0	36.0





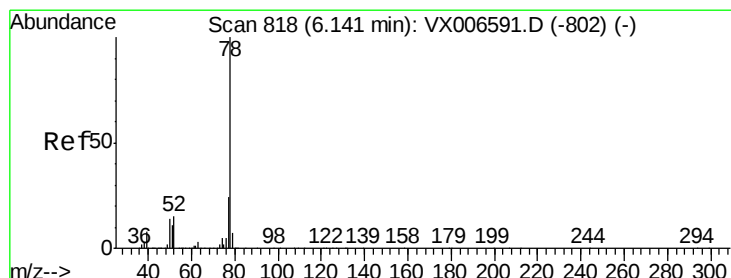
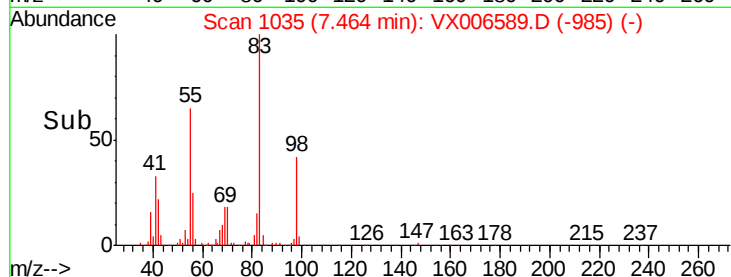
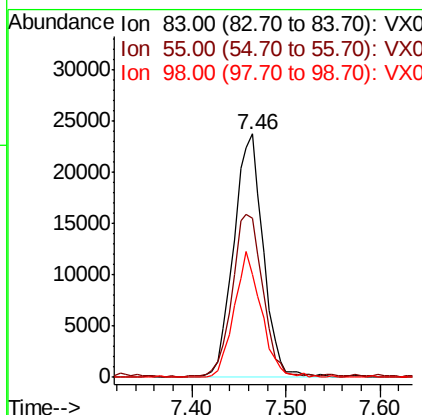
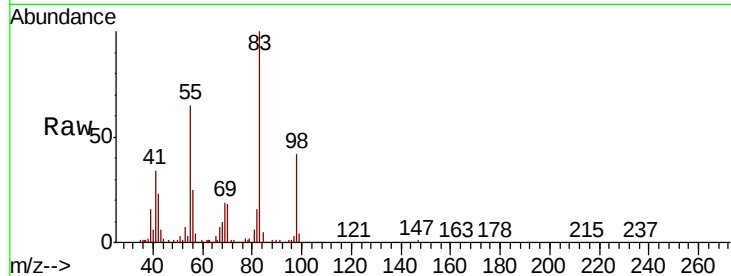
#39
Methvlcvclohexane
Concen: 4.951 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.8	54.9	82.3
98	42.3	37.9	56.9

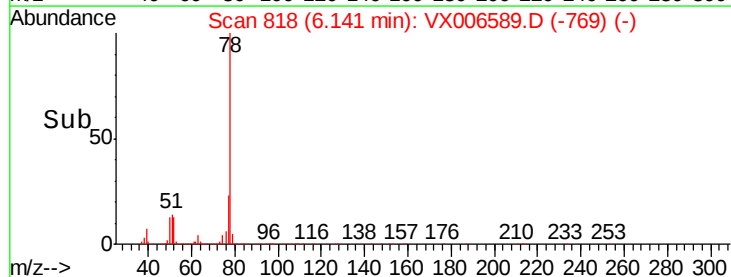
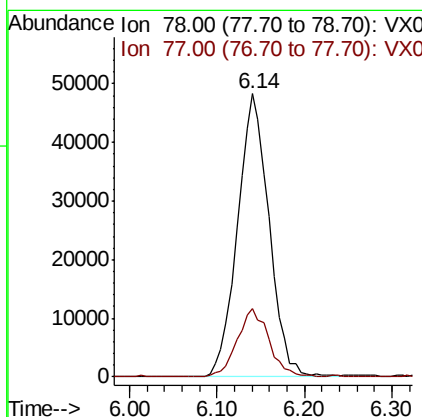
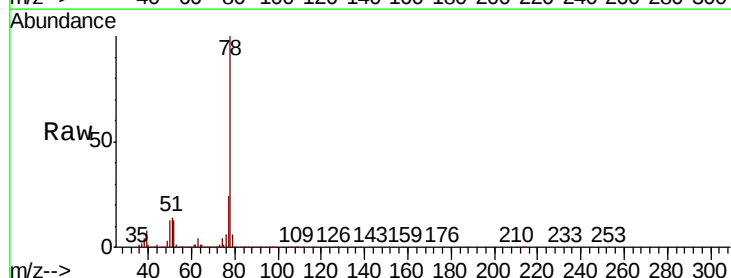
Manual Integrations
APPROVED

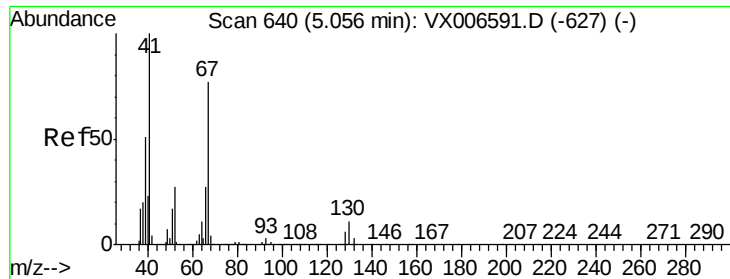
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12/19/2018 11:21:52 AM



#40
Benzene
Concen: 5.046 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8





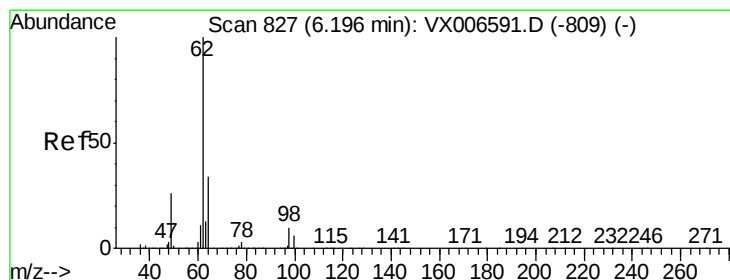
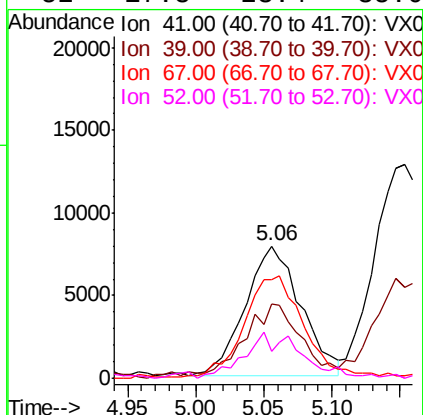
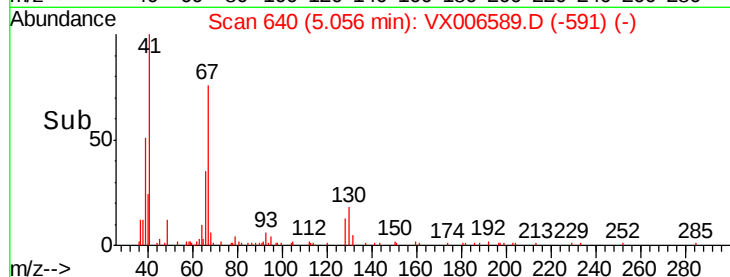
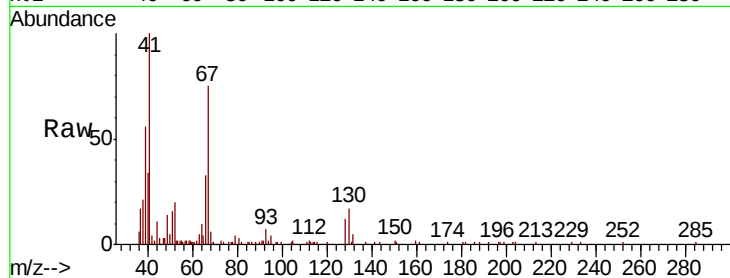
#41
Methacrylonitrile
Concen: 4.818 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
22277	41	100		
	39	55.3	42.8	64.2
	67	83.5	62.1	93.1
	52	17.8	23.4	35.0

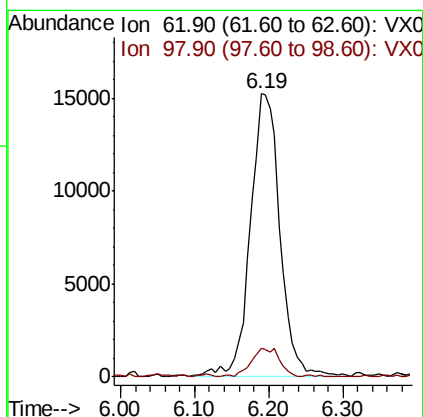
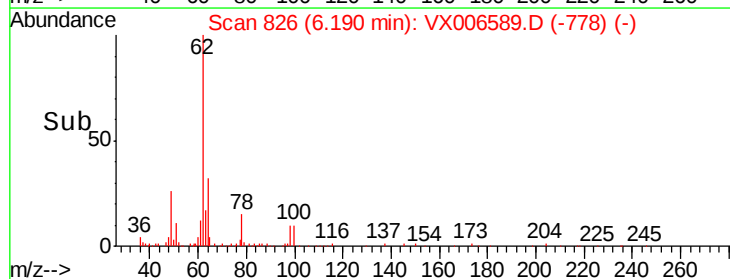
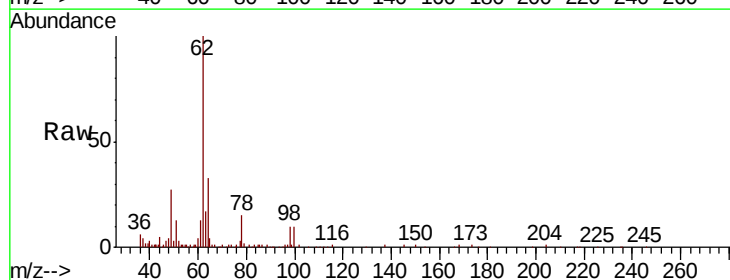
Manual Integrations
APPROVED

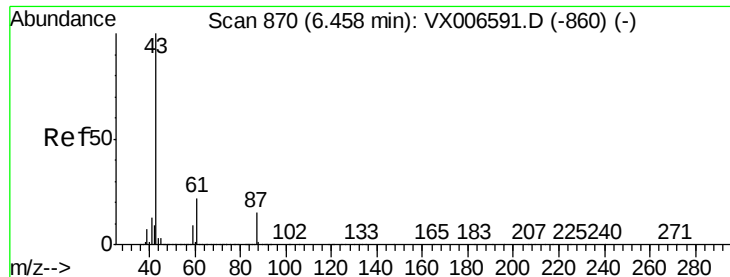
MMDadoda
12/19/2018 11:21:52 AM



#42
1,2-Dichloroethane
Concen: 5.208 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Tgt Ion	Ion	Ratio	Lower	Upper
42643	62	100		
	98	9.7	0.0	20.2





#43

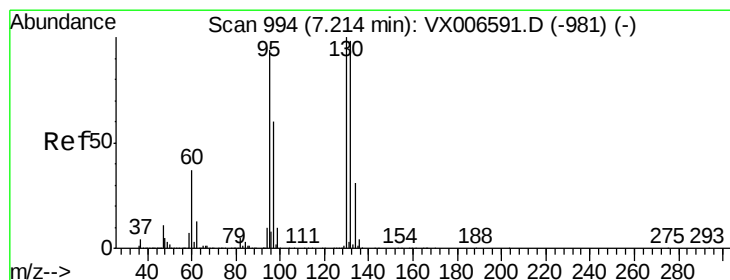
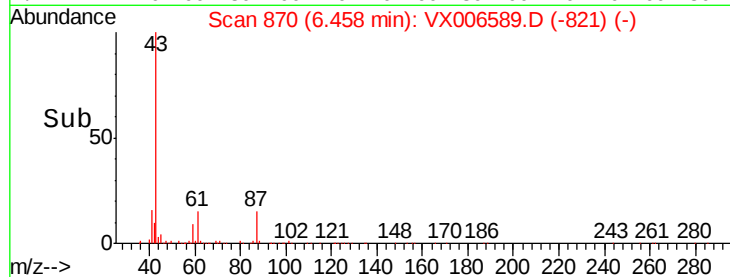
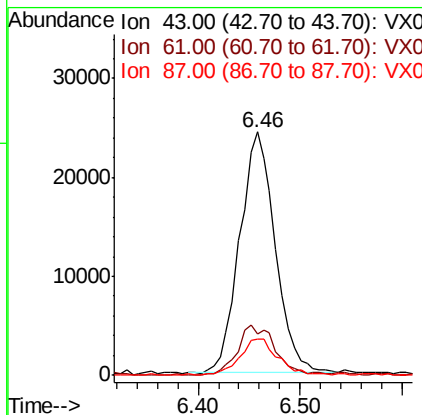
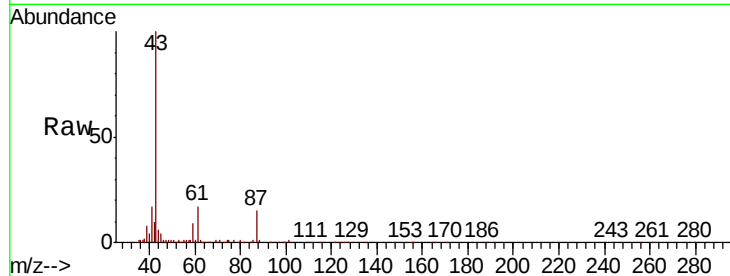
Isopropyl Acetate
 Concen: 4.714 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006589.D
 Acq: 18 Dec 2018 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.6	16.8	25.2
87	15.9	12.4	18.6

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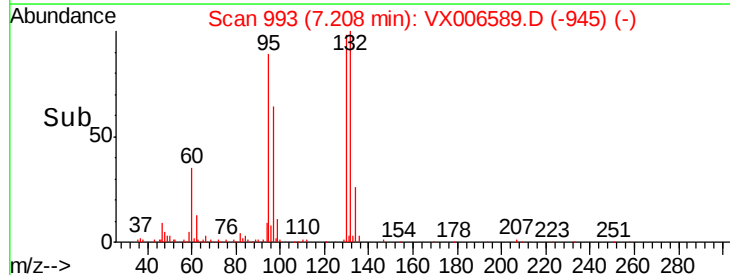
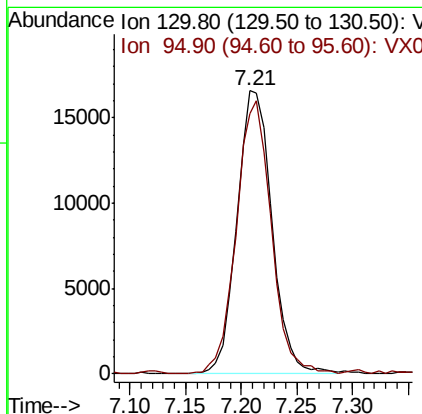
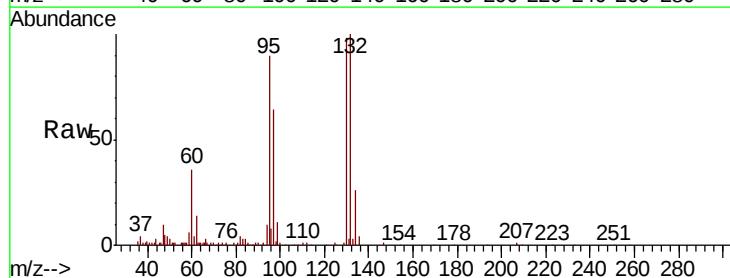
MMDadoda
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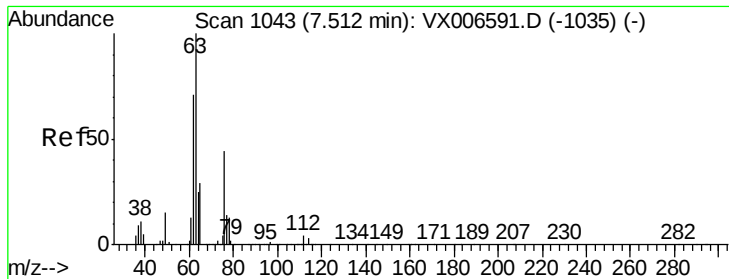


#44

Trichloroethene
 Concen: 4.992 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX006589.D
 Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	187.0





#45

1,2-Dichloropropane

Concen: 4.874 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 63 Resp: 28499

Ion Ratio Lower Upper

63 100

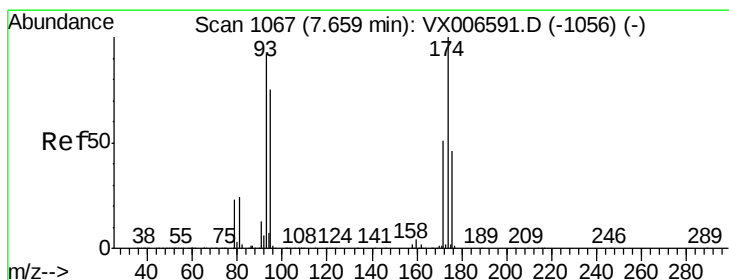
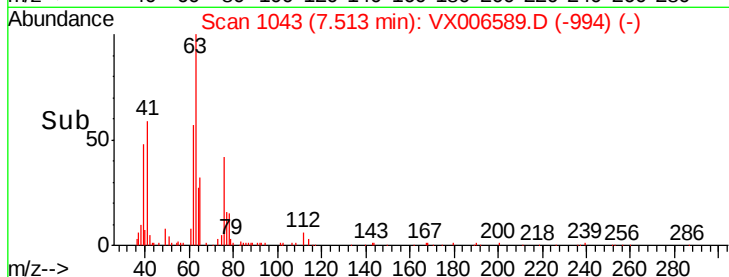
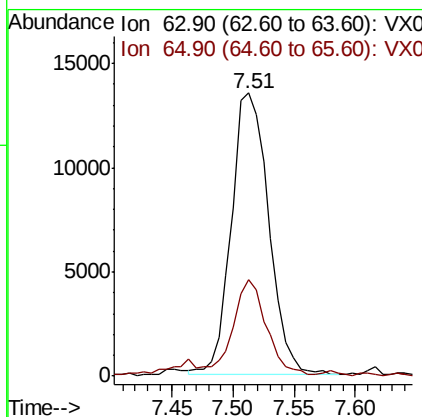
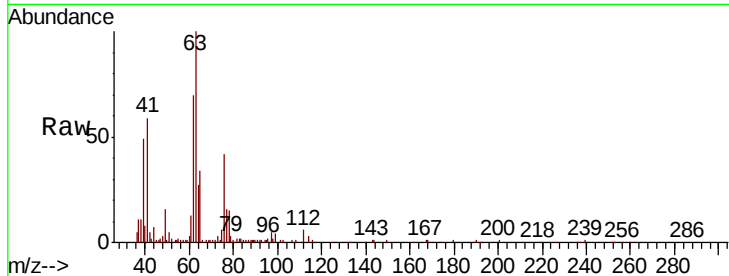
65 33.5 25.4 38.0

Manual Integrations

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#46

Dibromomethane

Concen: 4.900 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

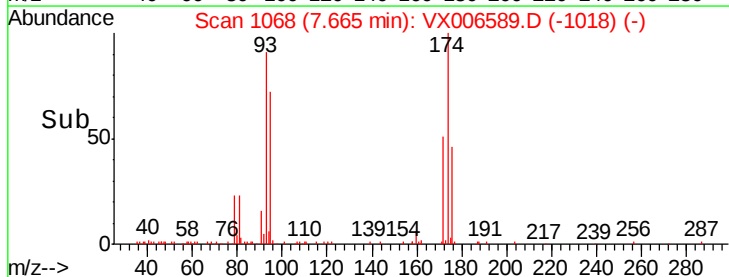
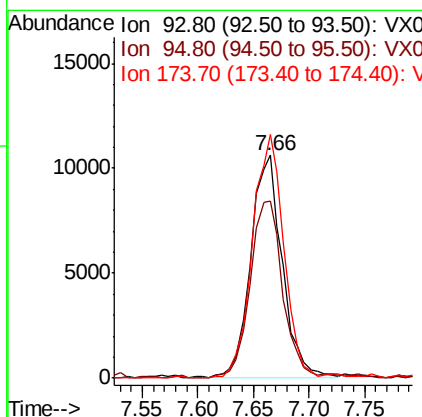
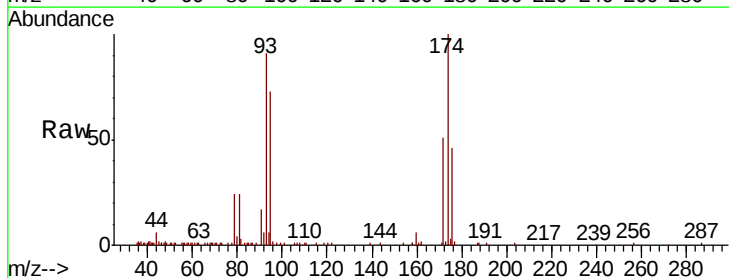
Tgt Ion: 93 Resp: 21075

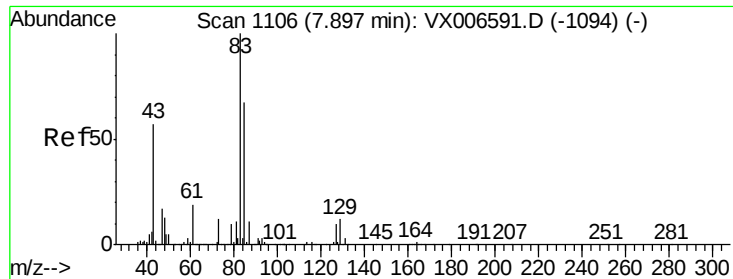
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

174 107.9 91.0 136.4





#47

Bromodichloromethane

Concen: 4.277 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Instrument :

MSVOA_X

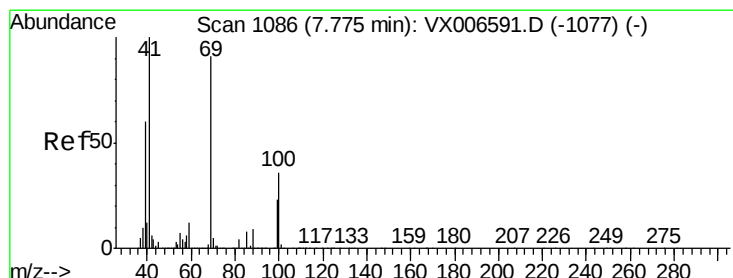
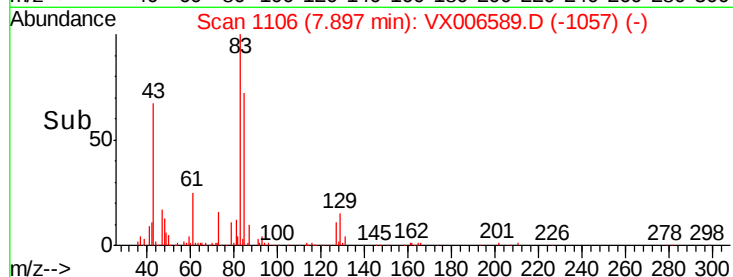
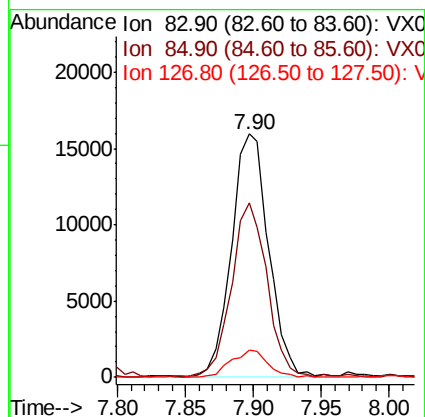
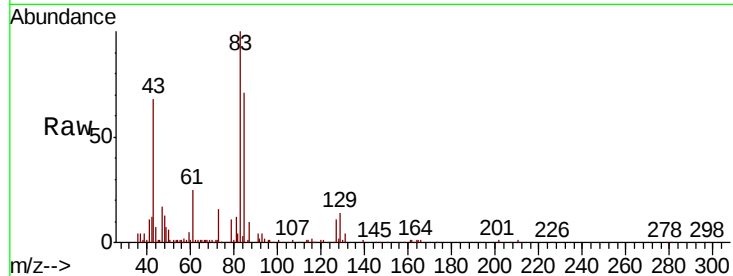
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	30538
Ion Ratio	Lower	Upper	
83	100		
85	70.7	53.2	79.8
127	11.4	7.8	11.6

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#48

Methyl methacrylate

Concen: 4.834 ug/l

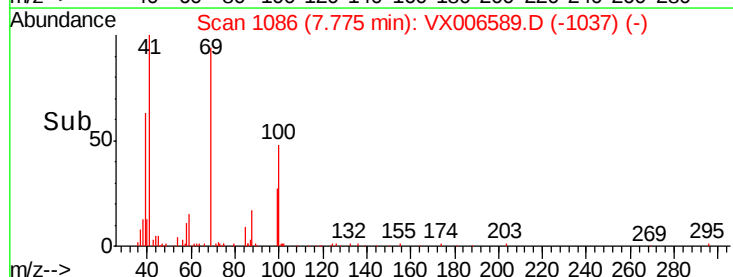
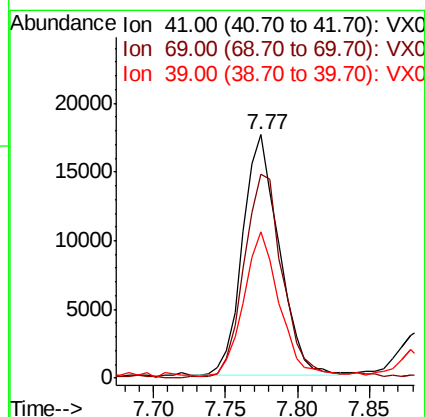
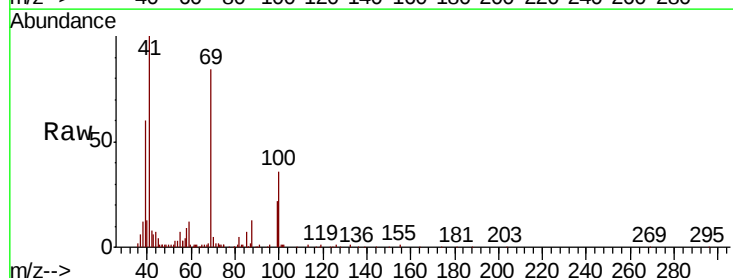
RT: 7.77 min Scan# 1086

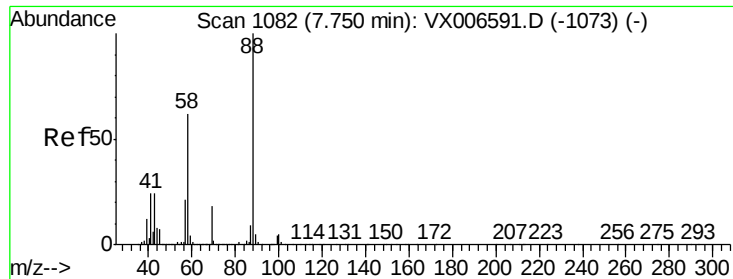
Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Tgt Ion:	41	Resp:	30771
Ion Ratio	Lower	Upper	
41	100		
69	90.0	72.4	108.6
39	59.9	45.8	68.8





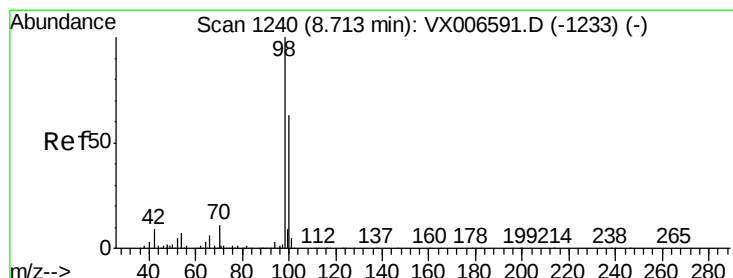
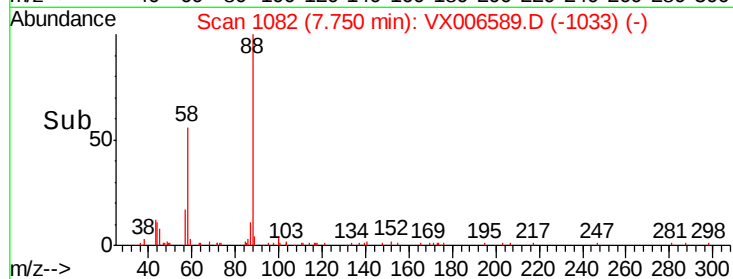
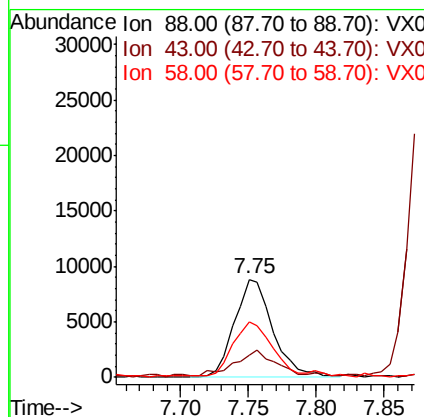
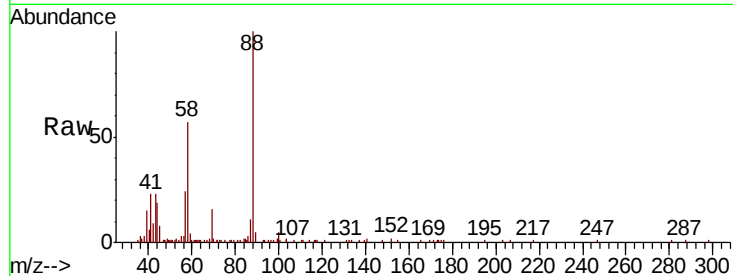
#49
1,4-Dioxane
Concen: 96.462 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	22.2	33.4
58	56.1	51.0	76.4

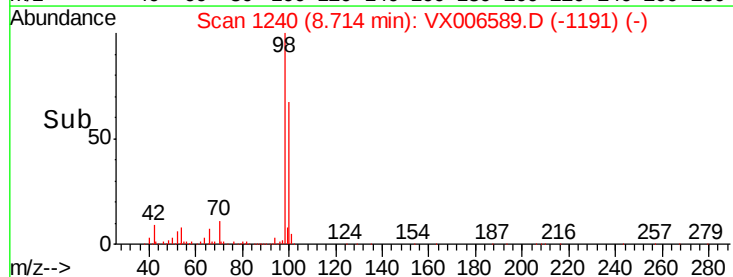
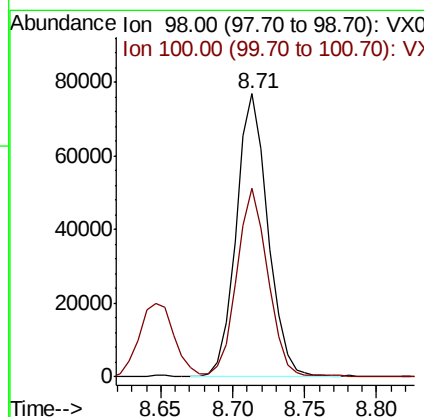
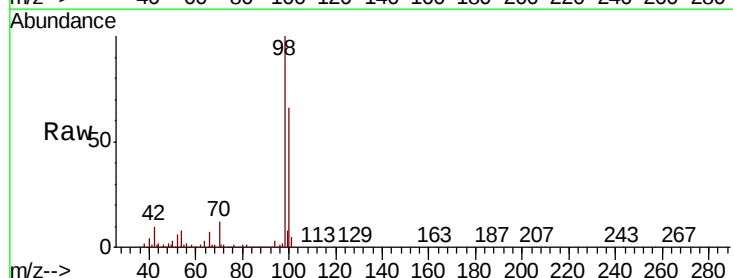
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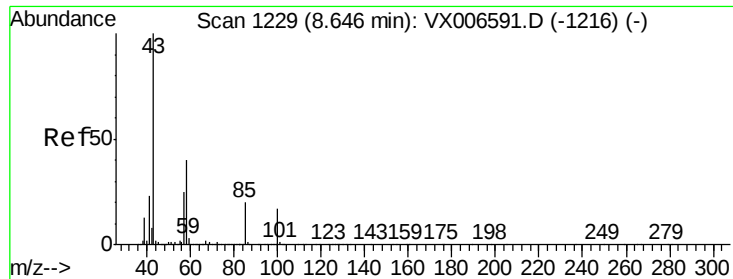
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#50
Toluene-d8
Concen: 5.134 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.0	78.0





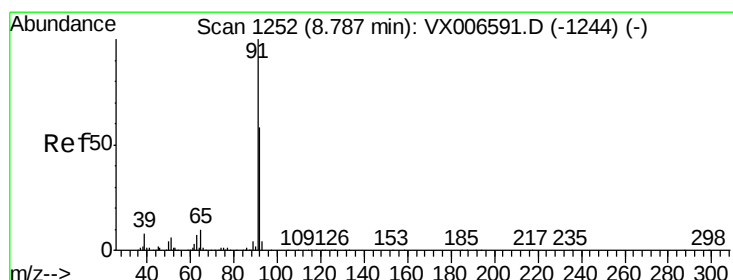
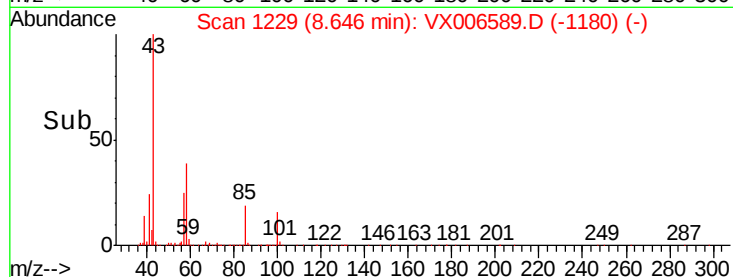
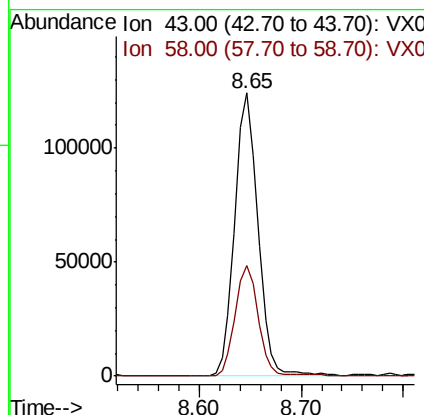
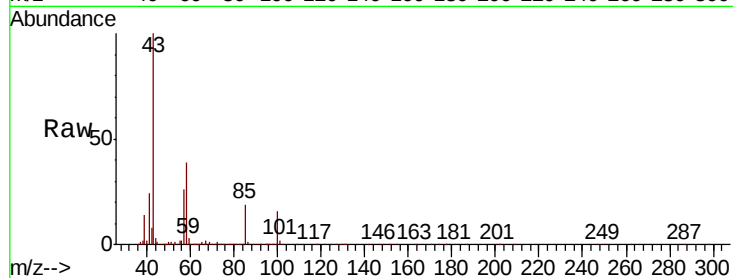
#51
4-Methyl-2-Pentanone
Concen: 24.443 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.2	31.8	47.6

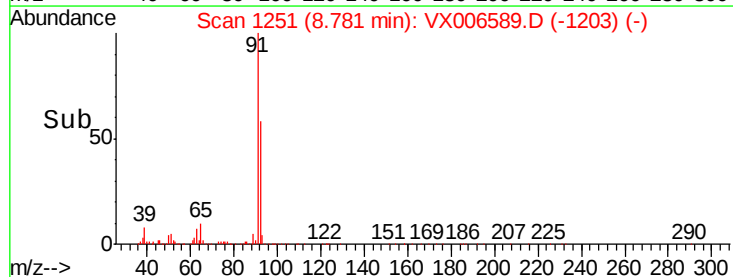
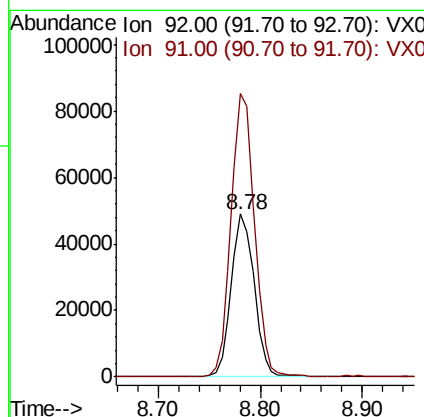
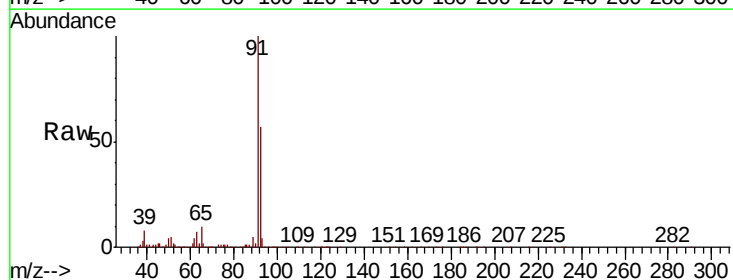
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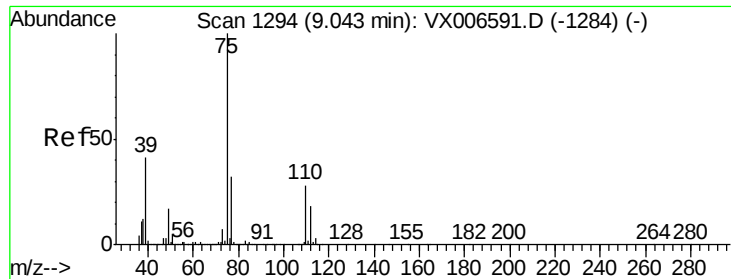
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#52
Toluene
Concen: 4.942 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
92	100		
91	176.3	137.6	206.4





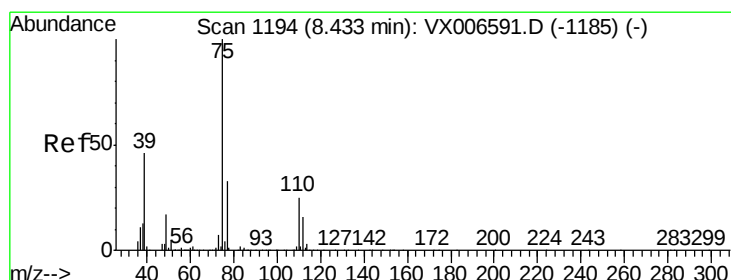
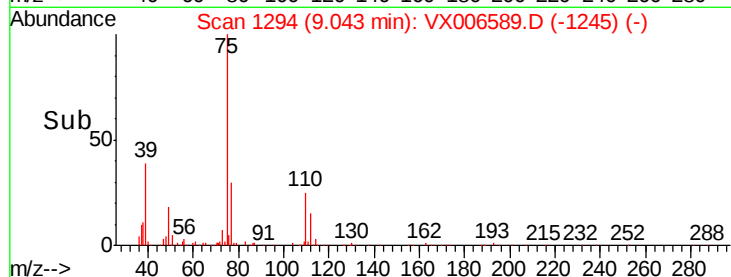
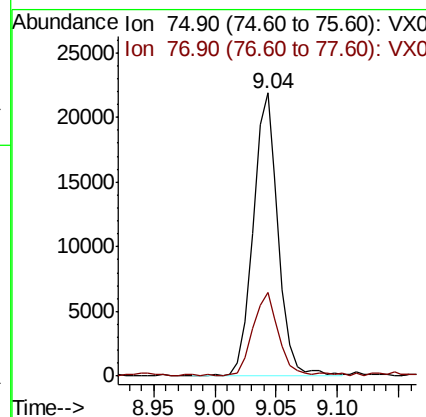
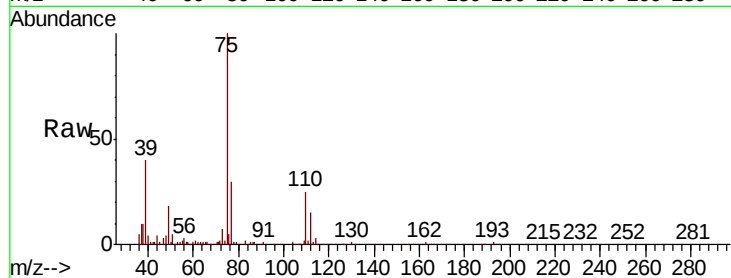
#53
 t-1,3-Dichloropropene
 Concen: 4.063 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX006589.D
 Acq: 18 Dec 2018 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	28.9	25.4	38.0

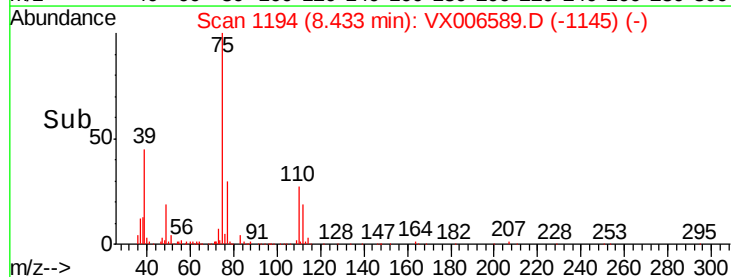
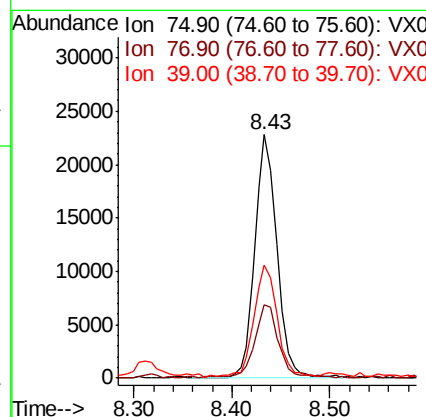
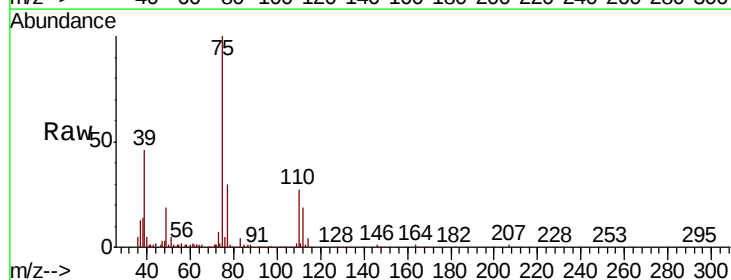
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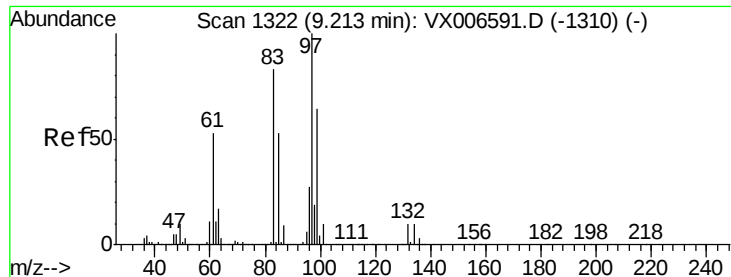
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#54
 cis-1,3-Dichloropropene
 Concen: 4.290 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX006589.D
 Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.7	26.2	39.2
39	45.4	36.7	55.1





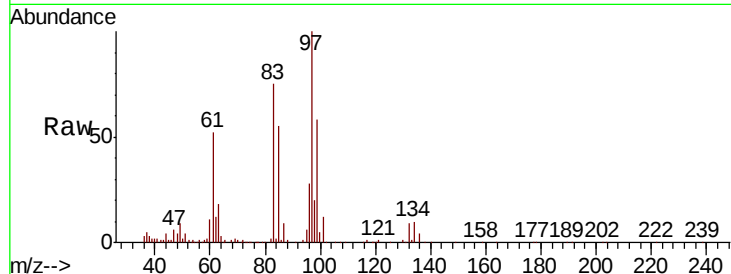
#55
 1,1,2-Trichloroethane
 Concen: 5.023 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006589.D
 Acq: 18 Dec 2018 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

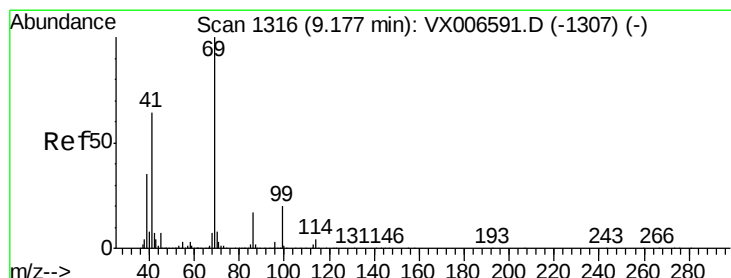
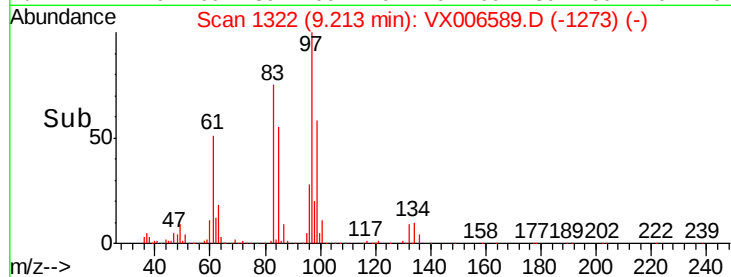
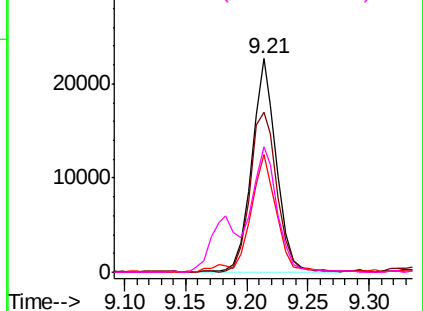
Tot Ion:	97	Resp:	31918
Ion	Ratio	Lower	Upper
97	100		
83	75.1	66.6	99.8
85	55.0	42.7	64.1
99	58.2	50.8	76.2

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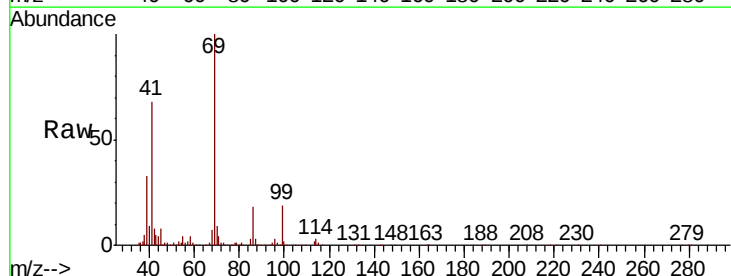


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

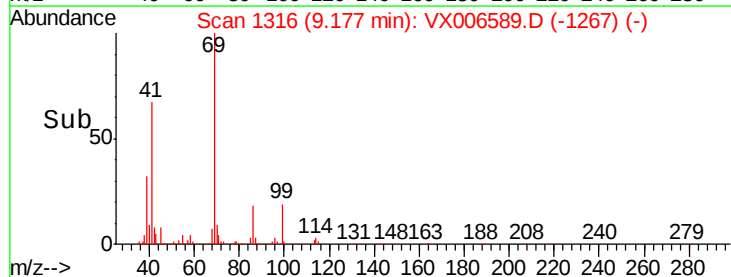
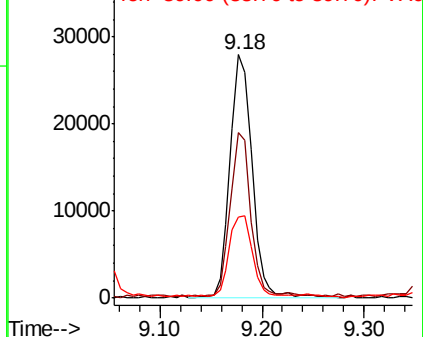


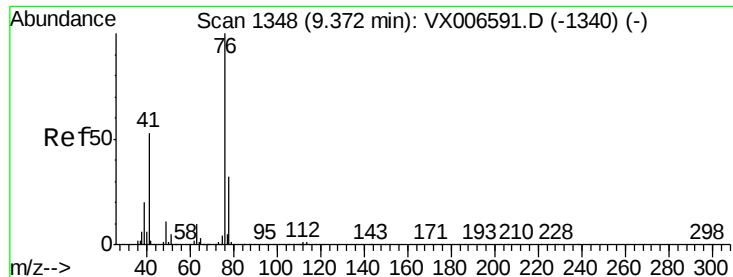
#56
 Ethyl methacrylate
 Concen: 4.717 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX006589.D
 Acq: 18 Dec 2018 11:11

Tgt Ion:	69	Resp:	42364
Ion	Ratio	Lower	Upper
69	100		
41	62.0	48.7	73.1
39	34.0	27.0	40.6



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





#57

1,3-Dichloropropane

Concen: 4.907 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 50167

Ion Ratio Lower Upper

76 100

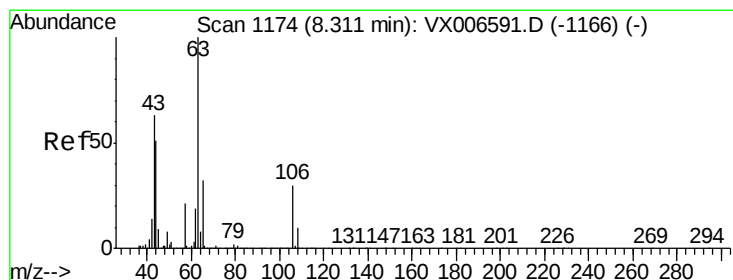
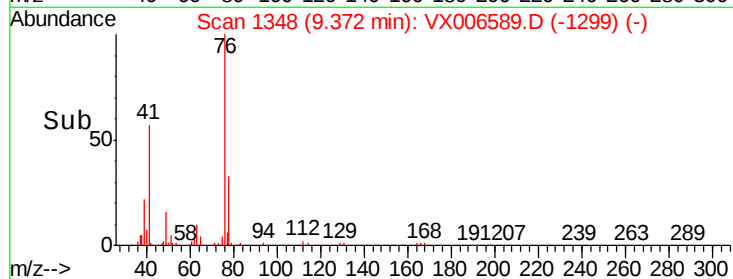
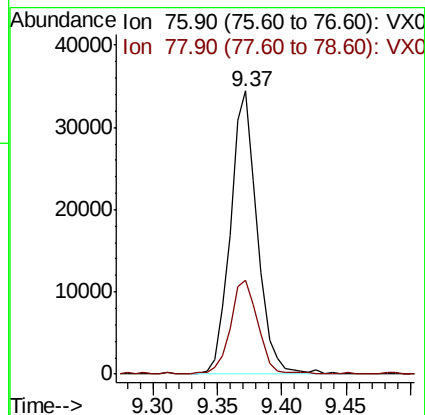
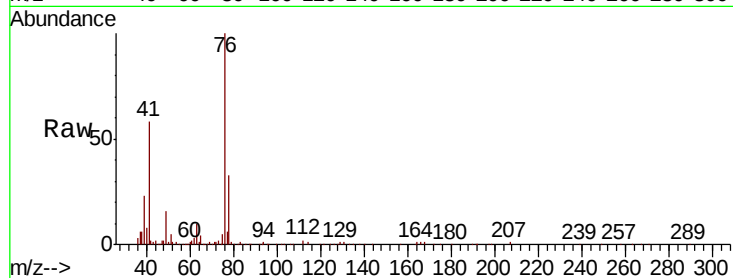
78 34.3 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 23.332 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006589.D

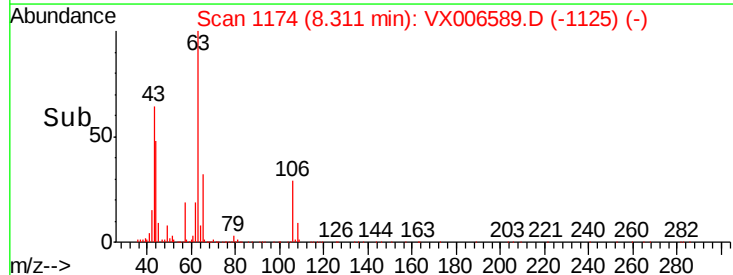
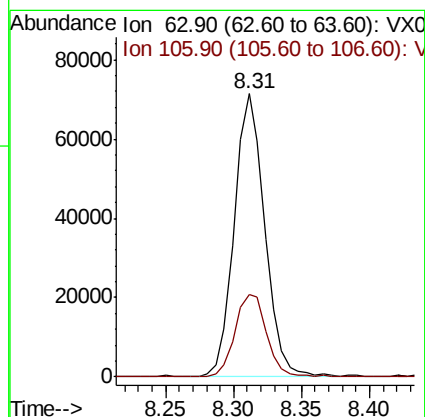
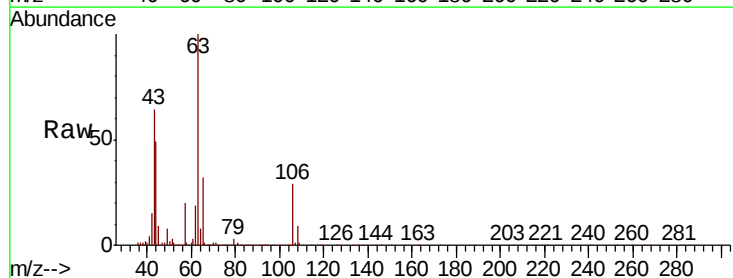
Acq: 18 Dec 2018 11:11

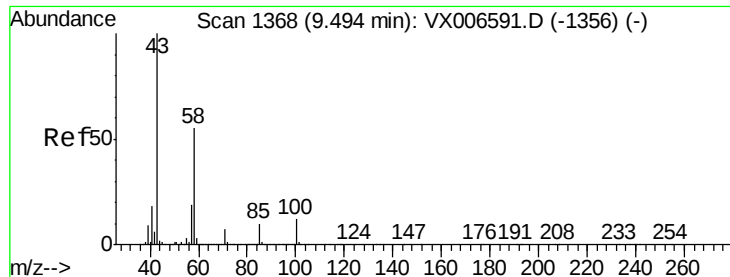
Tgt Ion: 63 Resp: 111381

Ion Ratio Lower Upper

63 100

106 30.6 24.6 36.8





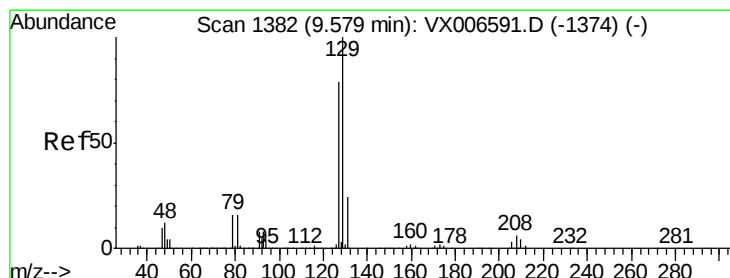
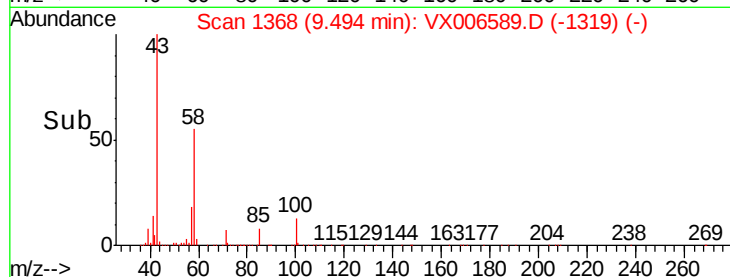
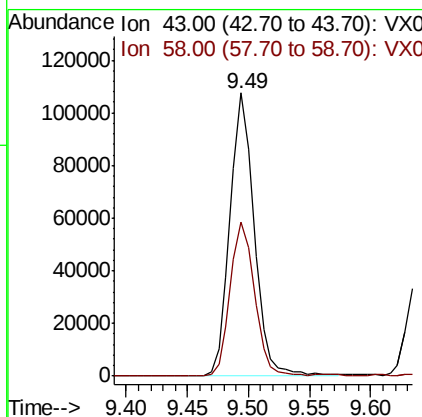
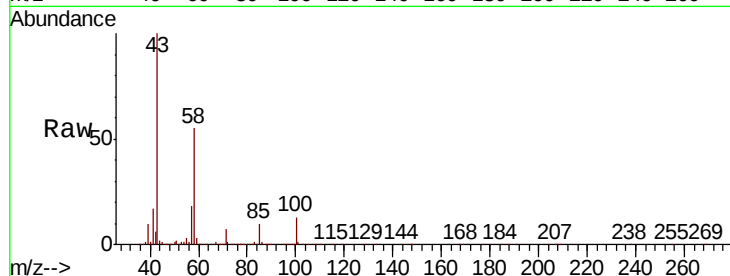
#59
2-Hexanone
Concen: 24.134 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 147083
Ion Ratio Lower Upper
43 100
58 56.1 27.7 83.1

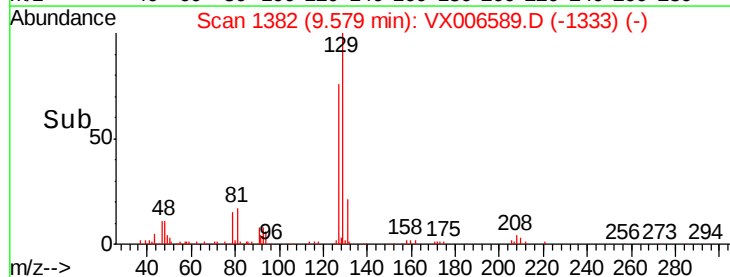
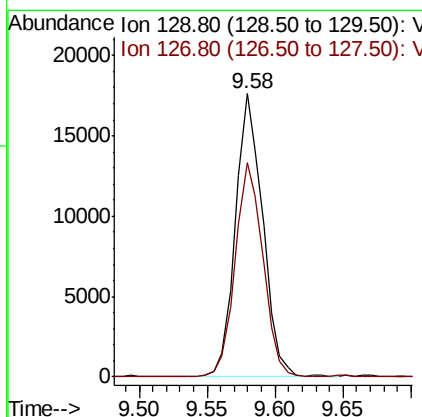
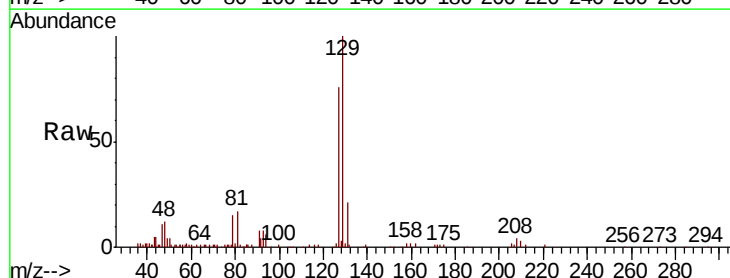
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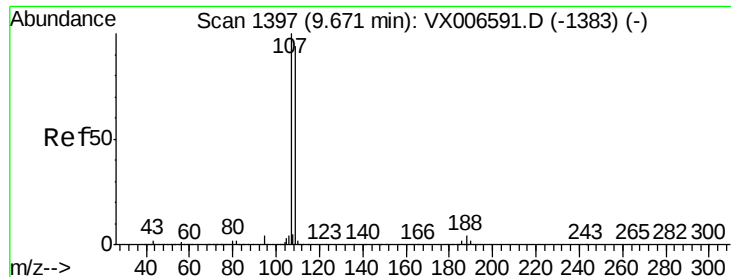
MMDadoda
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#60
Dibromochloromethane
Concen: 4.193 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Tgt Ion: 129 Resp: 24541
Ion Ratio Lower Upper
129 100
127 77.0 39.3 117.8





#61

1,2-Dibromoethane

Concen: 4.805 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 107 Resp: 32453

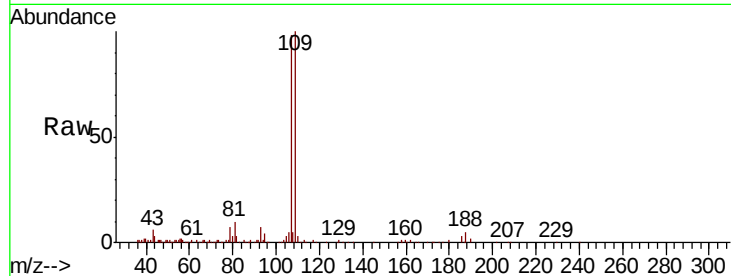
Ion Ratio Lower Upper

107 100

109 95.0 75.8 113.6

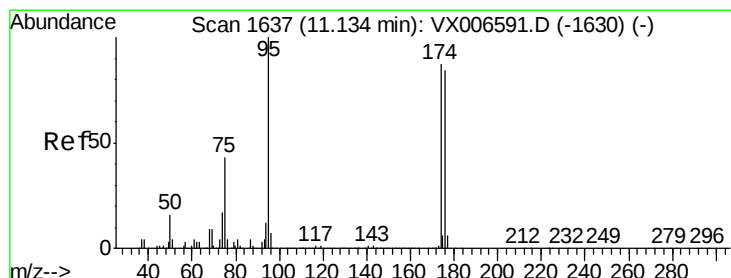
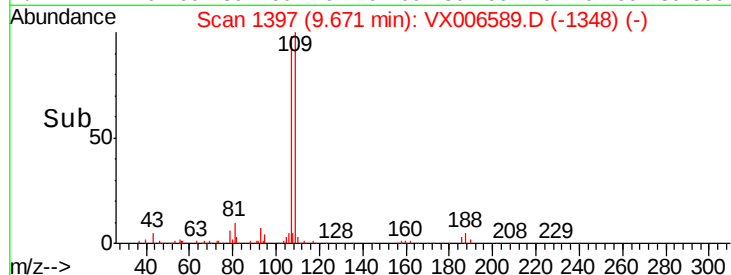
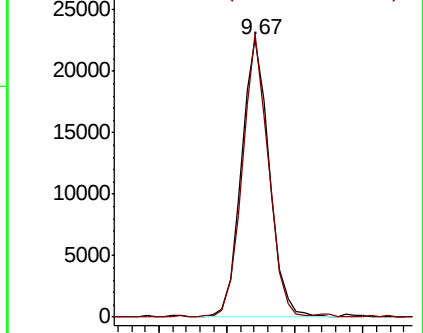
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.893 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

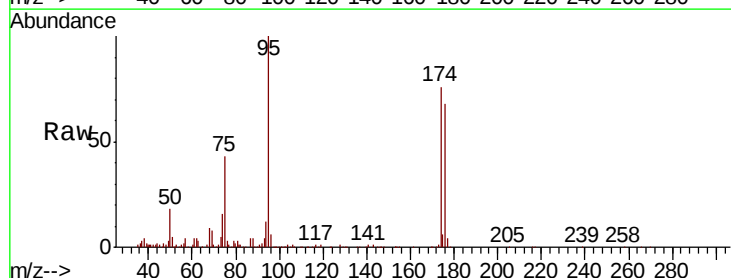
Tgt Ion: 95 Resp: 40779

Ion Ratio Lower Upper

95 100

174 85.8 0.0 182.2

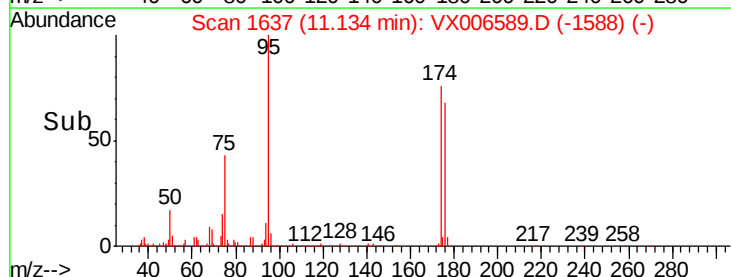
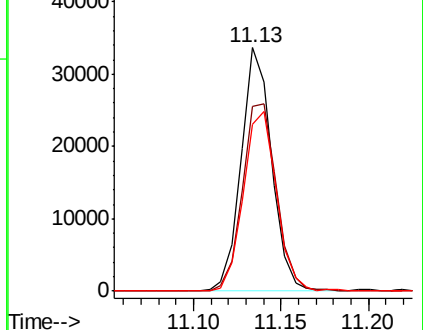
176 80.4 0.0 178.8

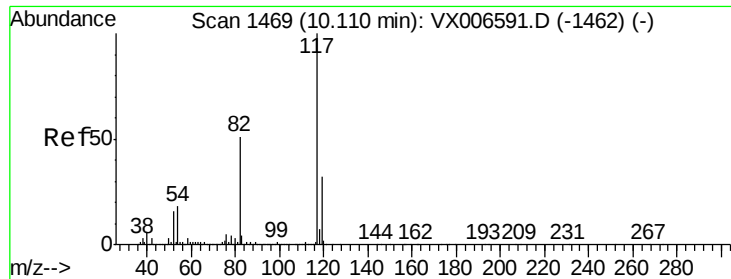


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





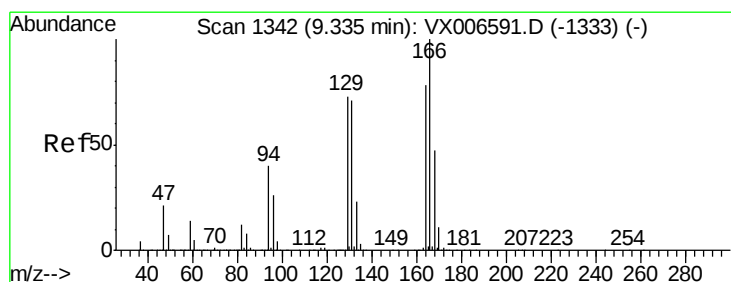
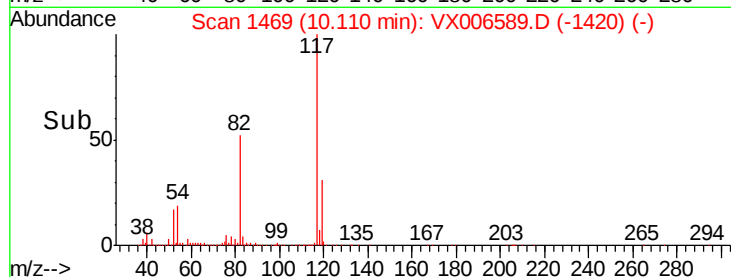
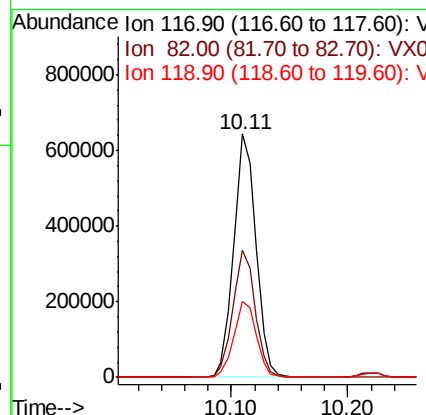
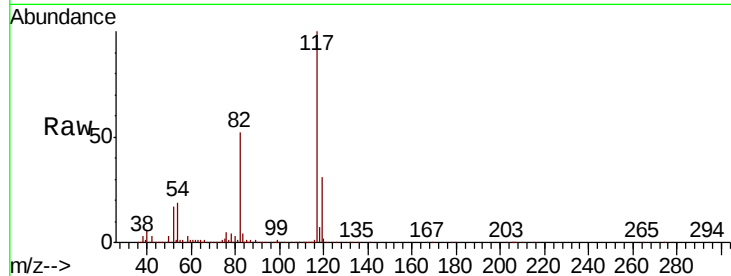
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.0	61.6
119	31.4	25.4	38.0

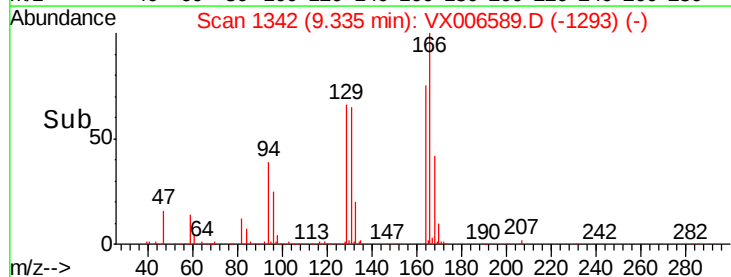
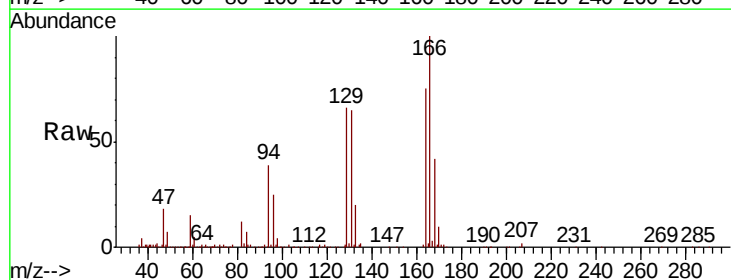
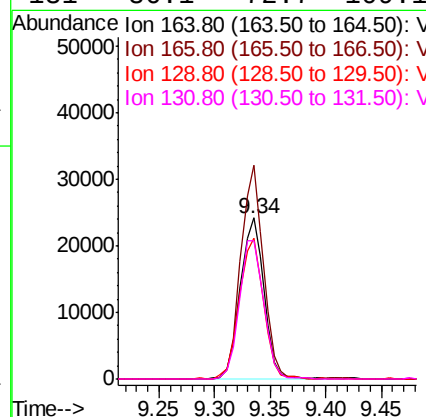
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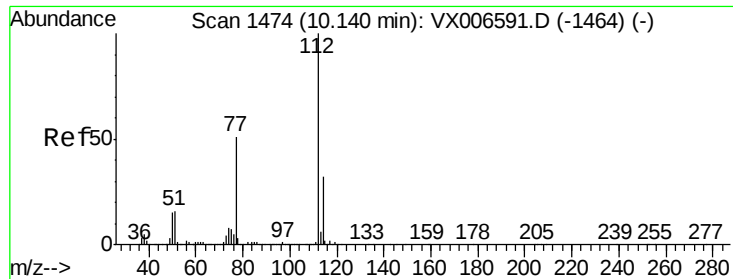
MMDadoda
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#64
Tetrachloroethene
Concen: 5.252 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.5	102.5	153.7
129	87.4	75.1	112.7
131	86.1	72.7	109.1





#65

Chlorobenzene

Concen: 4.931 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:112 Resp: 89867

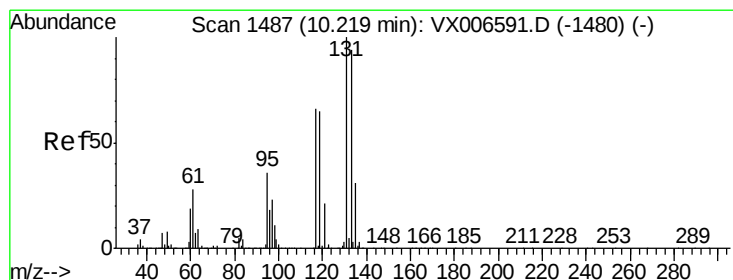
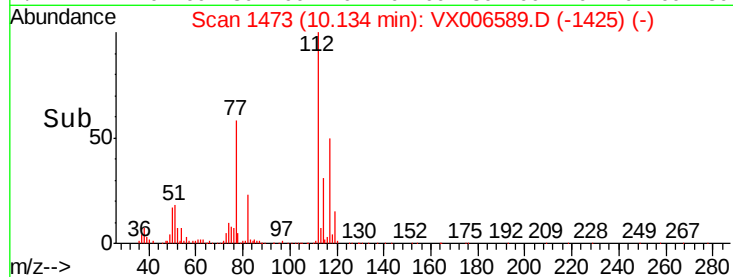
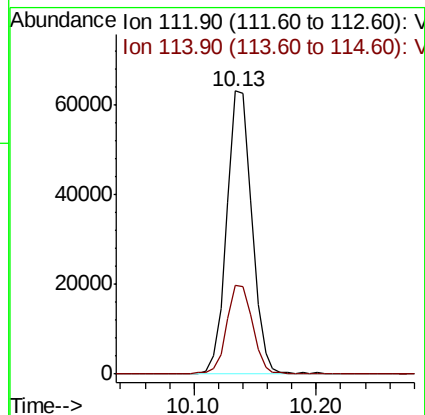
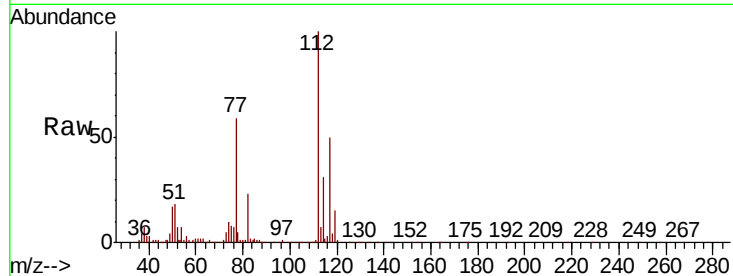
Ion Ratio Lower Upper

112 100

114 31.3 25.7 38.5

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#66

1,1,1,2-Tetrachloroethane

Concen: 4.360 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

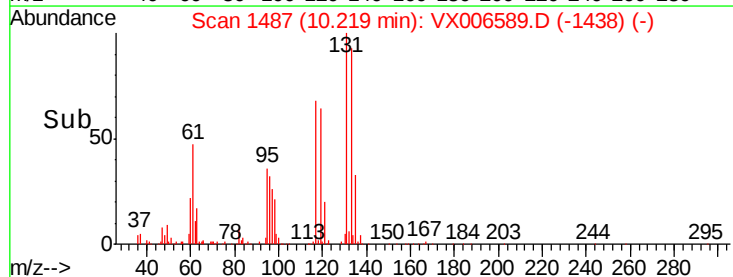
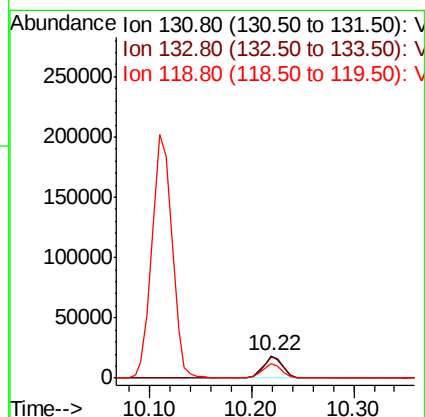
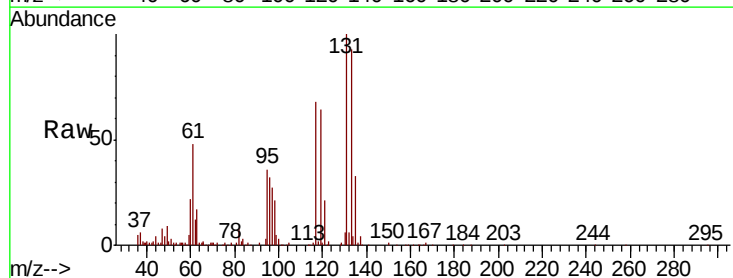
Tgt Ion:131 Resp: 24791

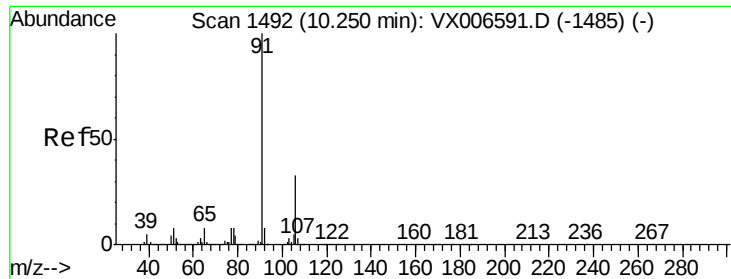
Ion Ratio Lower Upper

131 100

133 97.0 48.0 144.2

119 66.5 32.6 97.8





#67

Ethyl Benzene

Concen: 4.940 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 147132

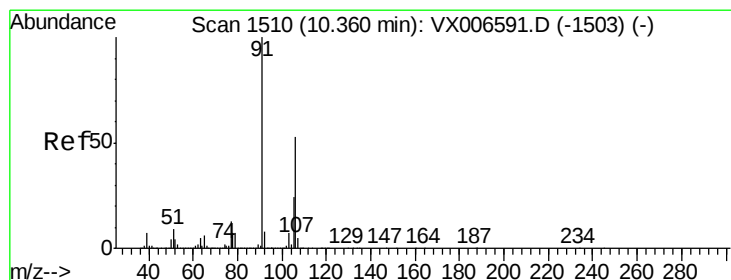
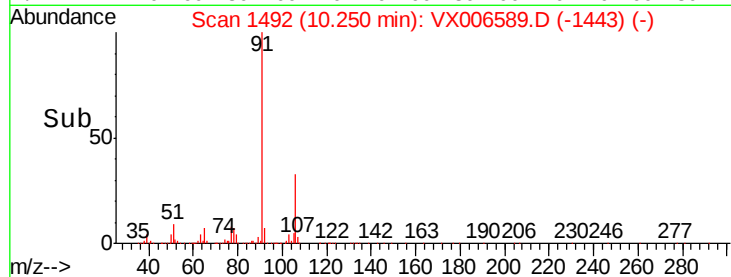
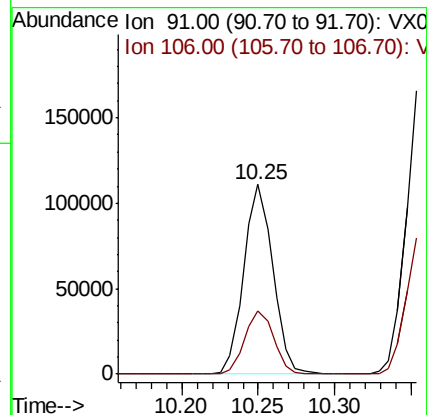
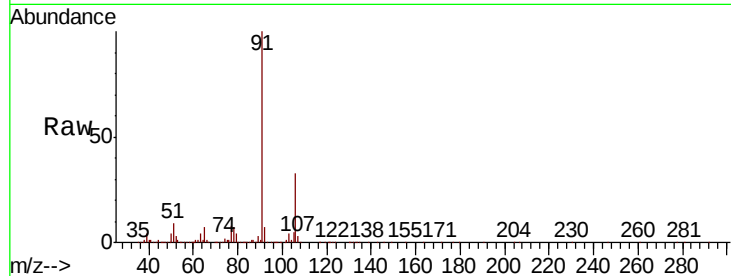
Ion Ratio Lower Upper

91 100

106 33.1 26.4 39.6

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#68

m/p-Xylenes

Concen: 10.031 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006589.D

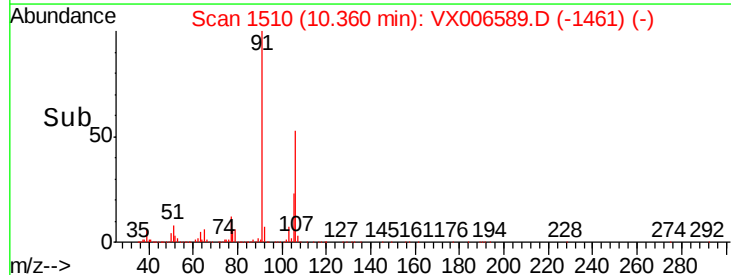
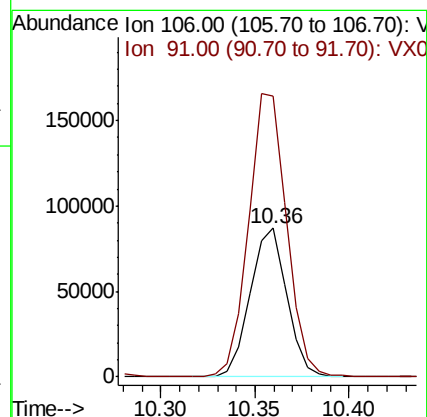
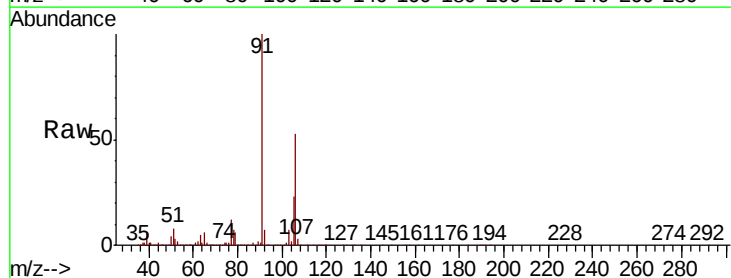
Acq: 18 Dec 2018 11:11

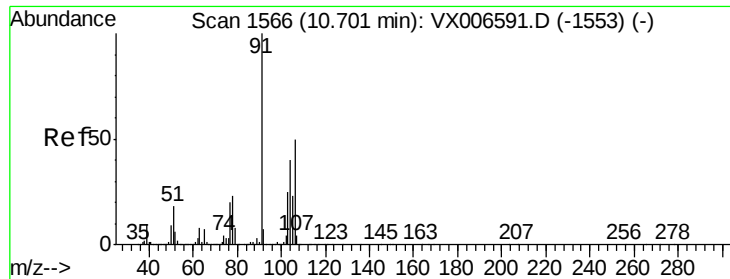
Tgt Ion: 106 Resp: 117887

Ion Ratio Lower Upper

106 100

91 196.1 155.8 233.6





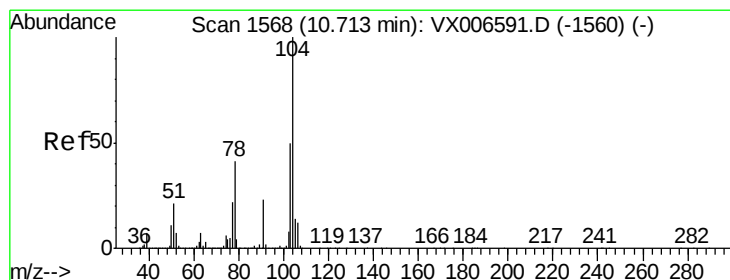
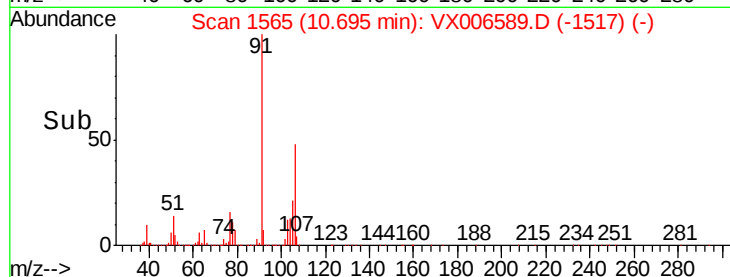
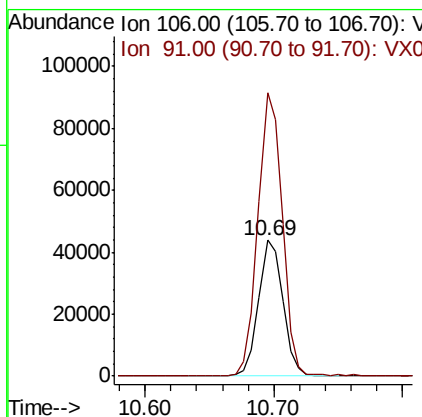
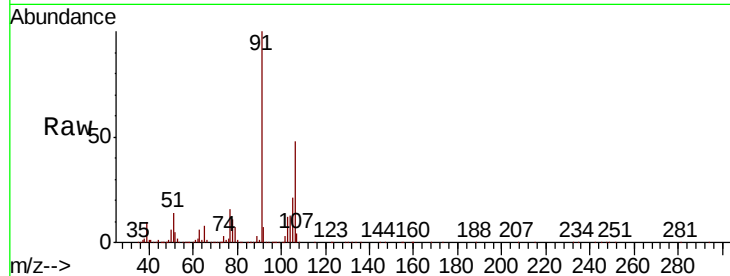
#69
o-Xylene
Concen: 4.926 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.5	101.3	303.7

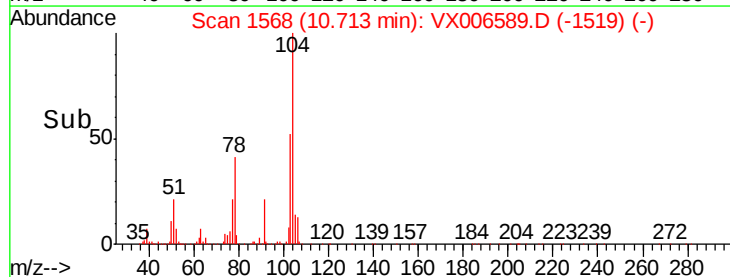
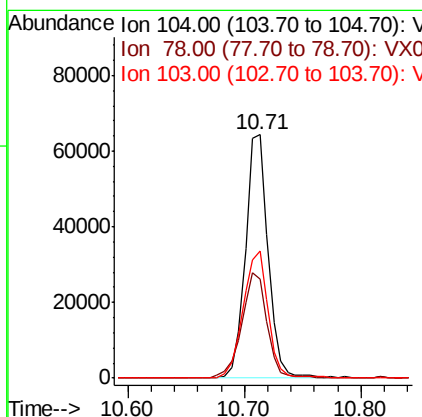
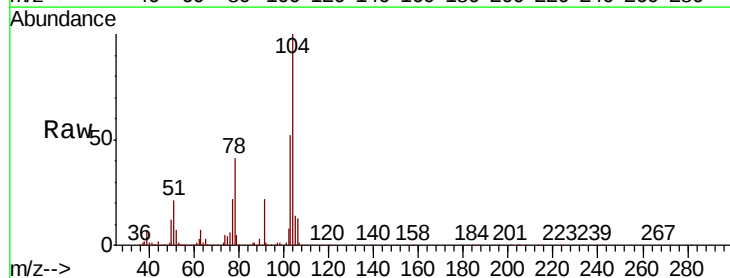
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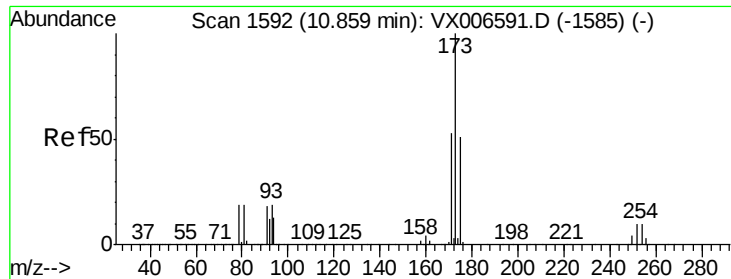
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#70
Styrene
Concen: 4.775 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.8	37.7	56.5
103	57.6	43.8	65.8





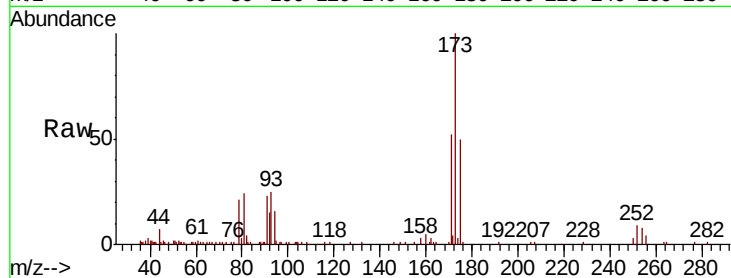
#71
Bromoform
Concen: 3.748 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.6	24.7	74.1
254	0.0	0.2	0.2#

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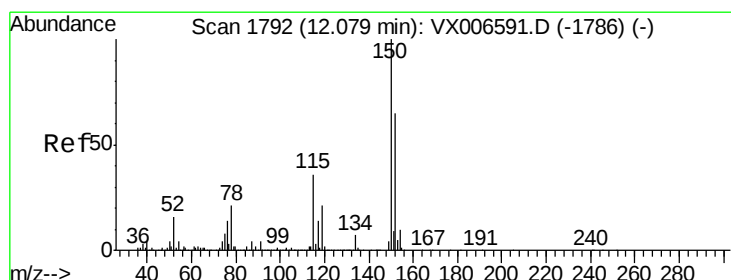
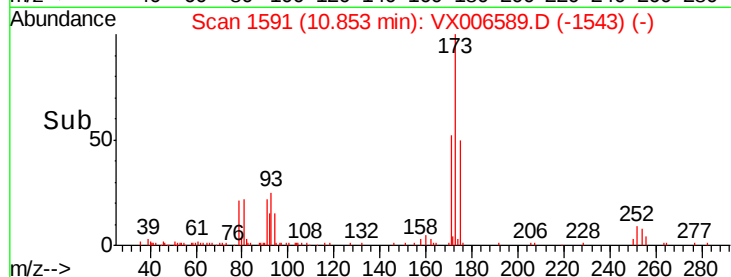
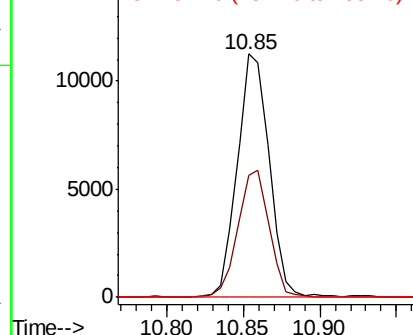


Abundance

Ion 172.70 (172.40 to 173.40): V

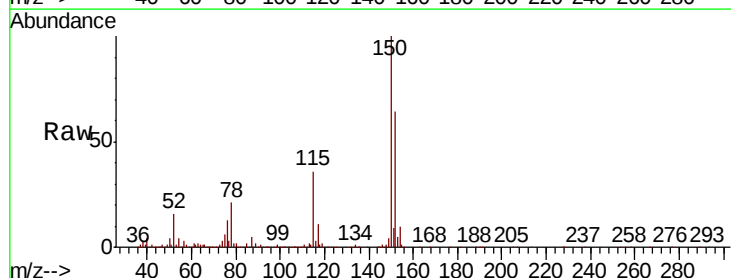
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	39.1	117.2
150	160.9	0.0	344.8

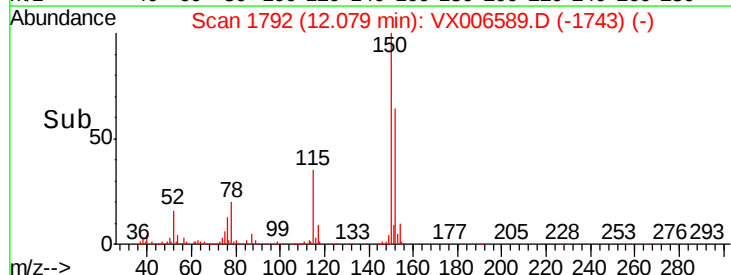
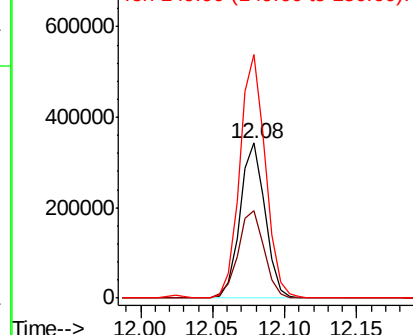


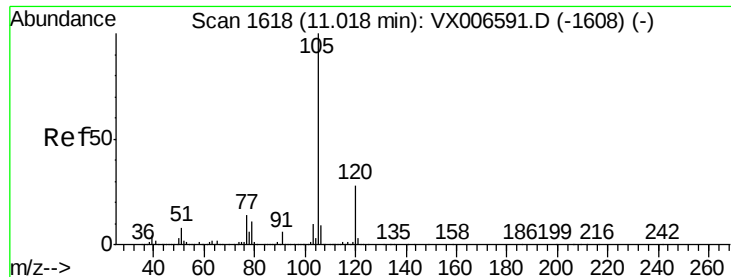
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.341 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 151672

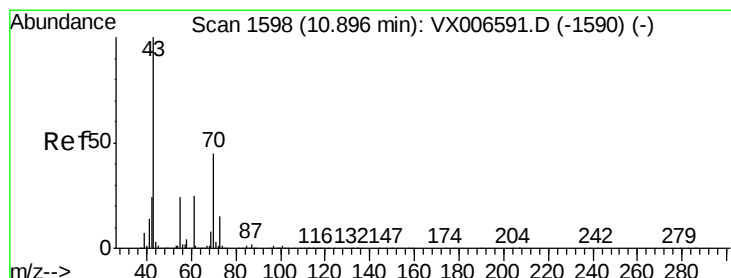
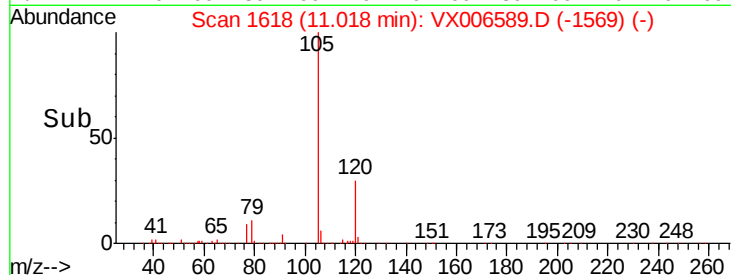
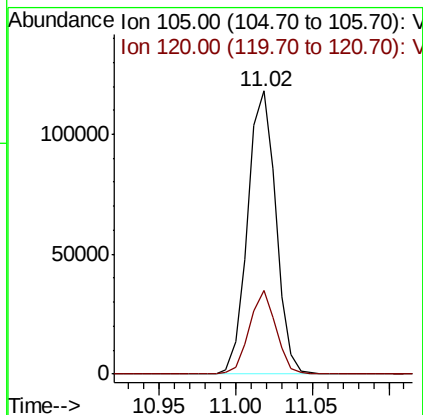
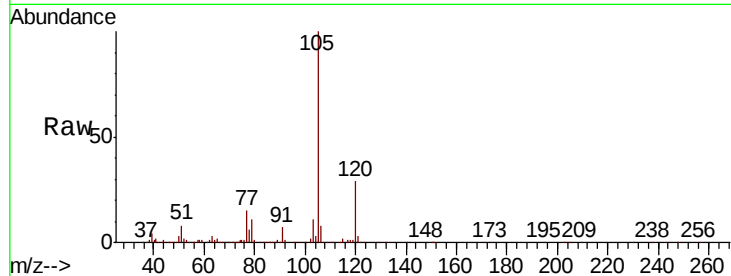
Ion Ratio Lower Upper

105 100

120 27.8 14.1 42.4

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#74

N-ethyl acetate

Concen: 4.780 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Tgt Ion: 43 Resp: 48588

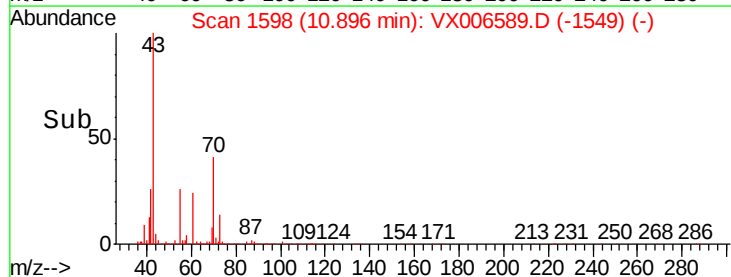
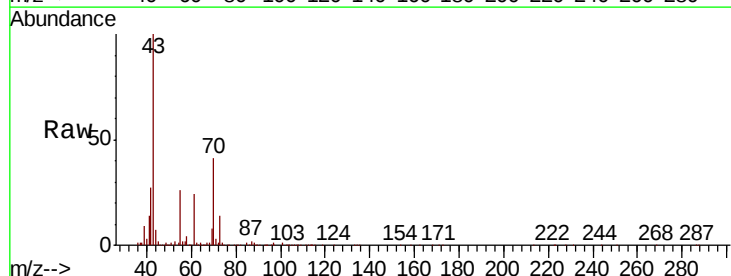
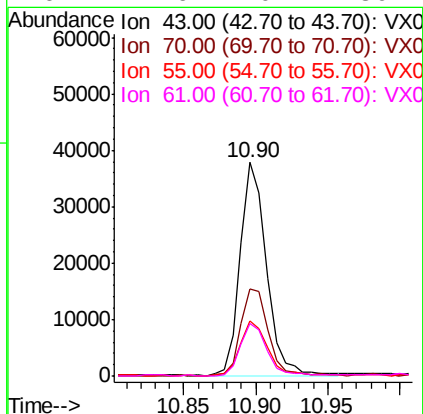
Ion Ratio Lower Upper

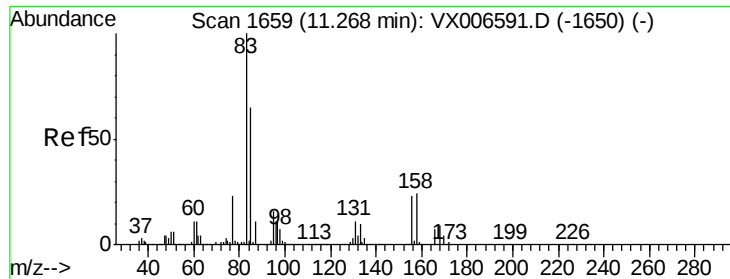
43 100

70 41.7 35.8 53.8

55 28.1 19.4 29.0

61 24.6 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 5.131 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 83 Resp: 43335

Ion Ratio Lower Upper

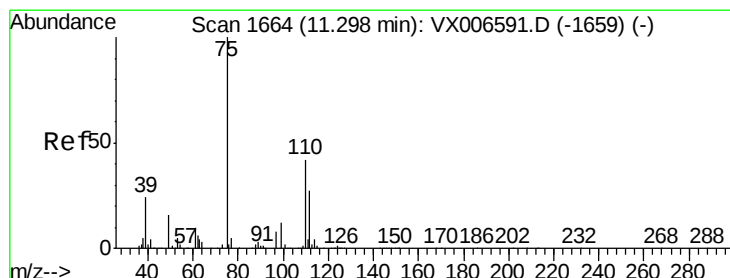
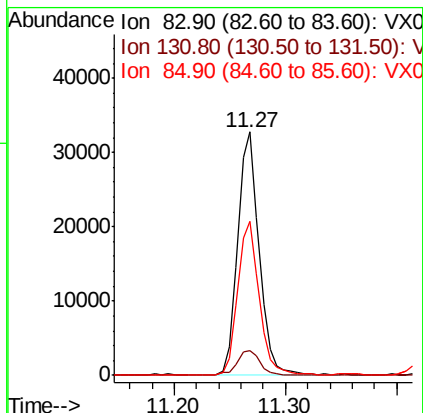
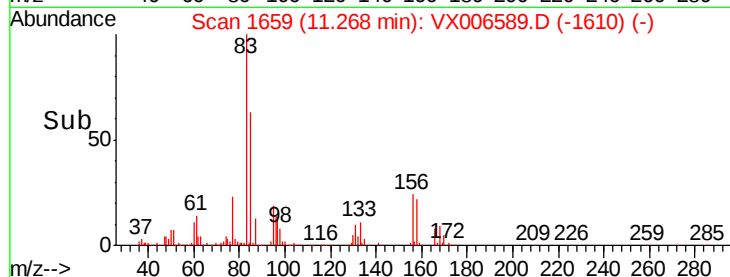
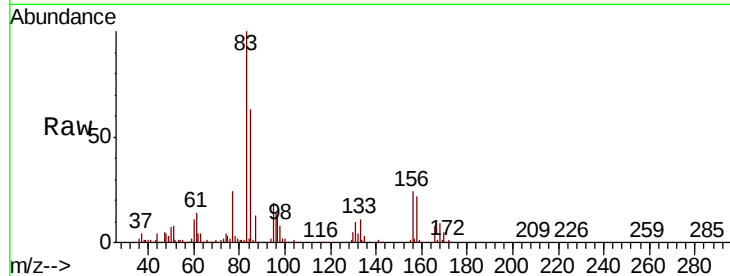
83 100

131 10.7 5.7 17.1

85 64.3 32.2 96.6

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#76

1,2,3-Trichloropropane

Concen: 5.474 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006589.D

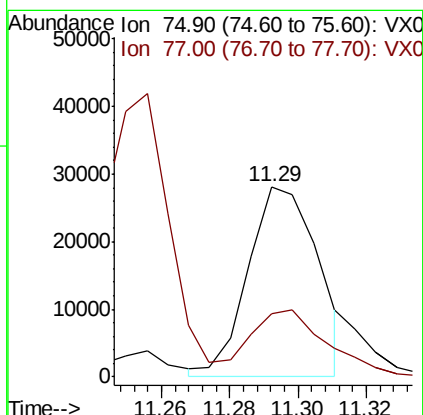
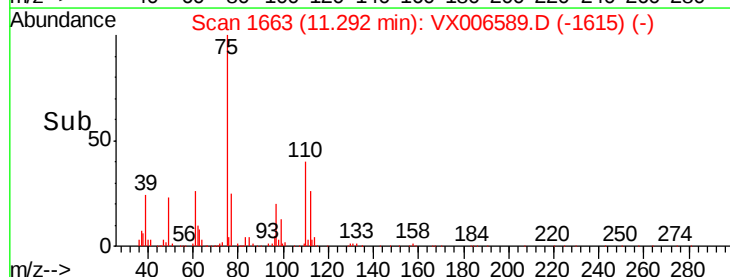
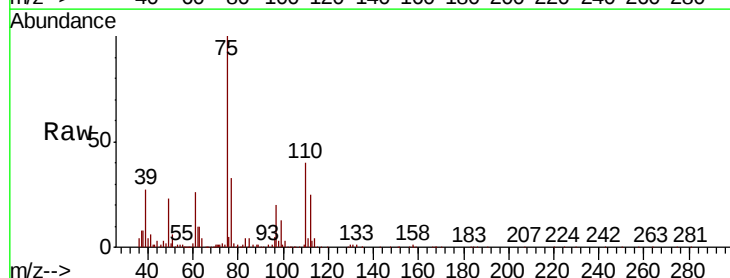
Acq: 18 Dec 2018 11:11

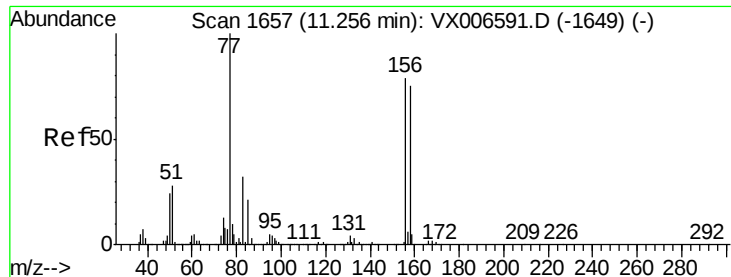
Tgt Ion: 75 Resp: 40247

Ion Ratio Lower Upper

75 100

77 38.8 18.5 55.5





#77

Bromobenzene

Concen: 5.228 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Instrument :

MSVOA_X

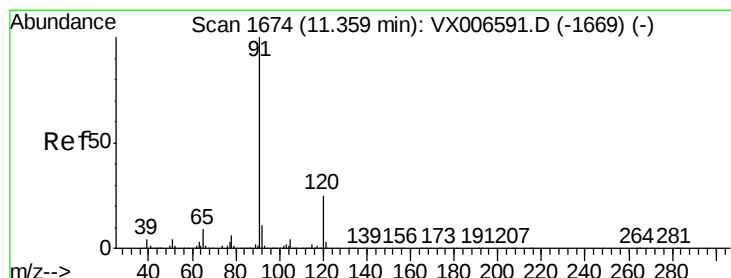
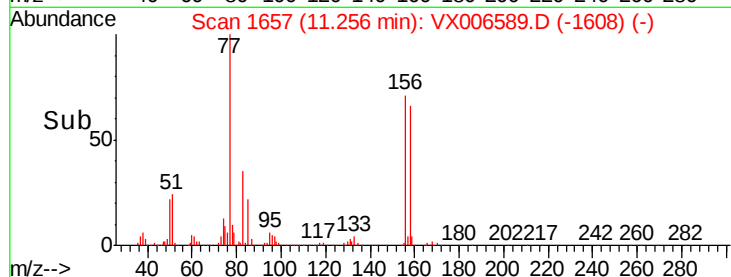
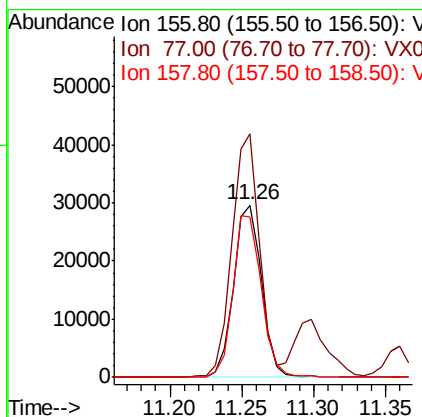
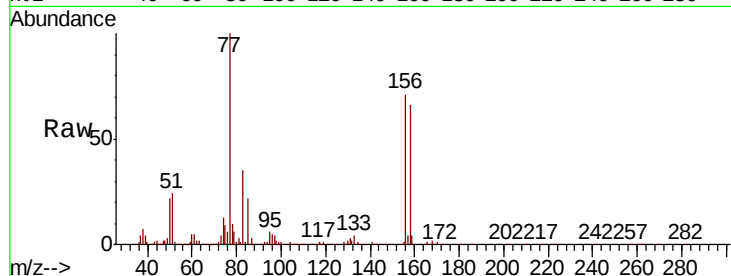
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	138.9	68.0	204.0
158	96.0	48.3	144.8

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#78

n-propylbenzene

Concen: 5.285 ug/l

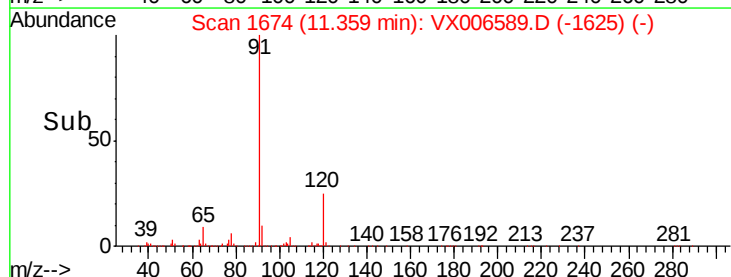
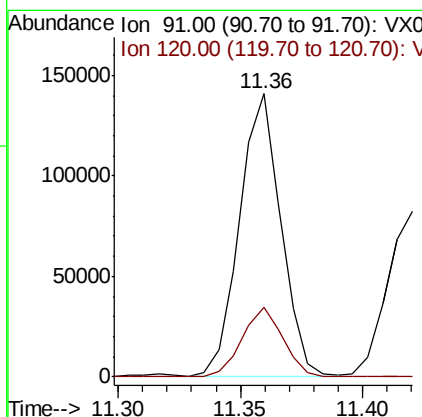
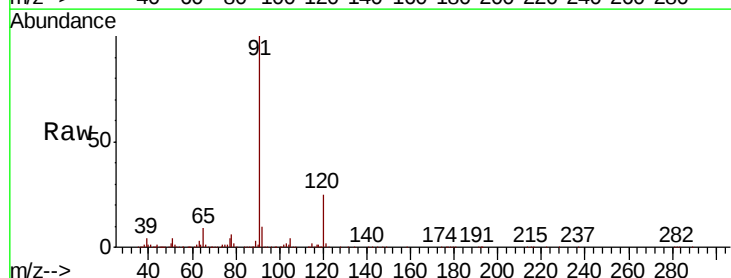
RT: 11.36 min Scan# 1674

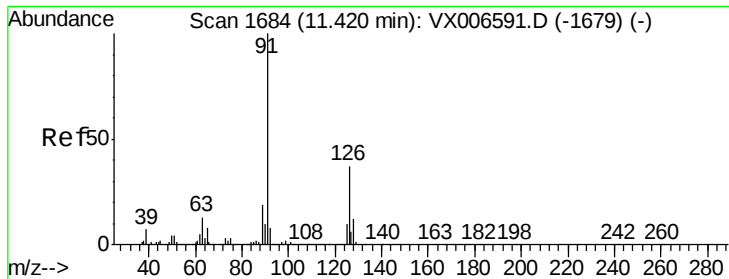
Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.7	38.0





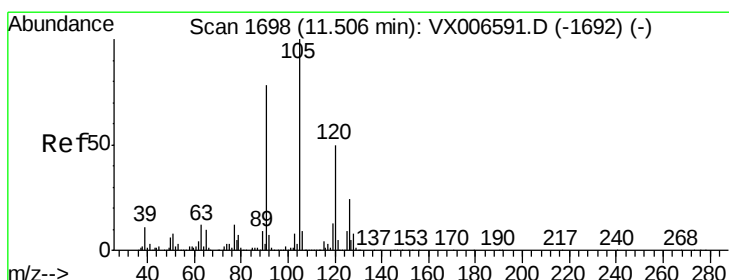
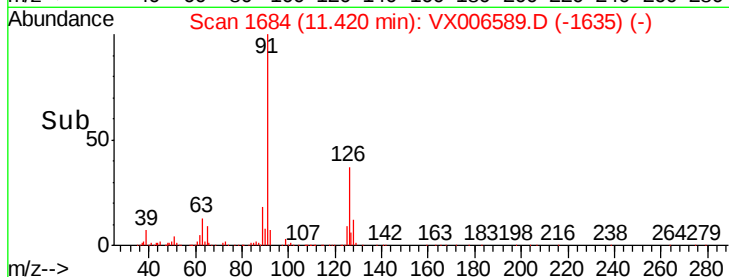
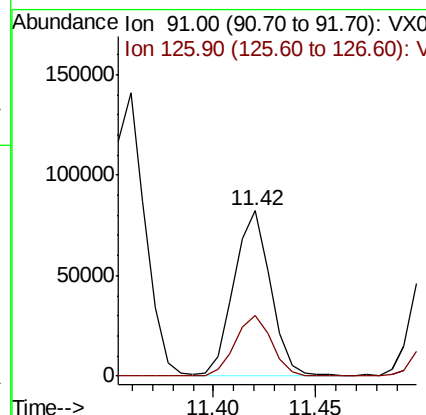
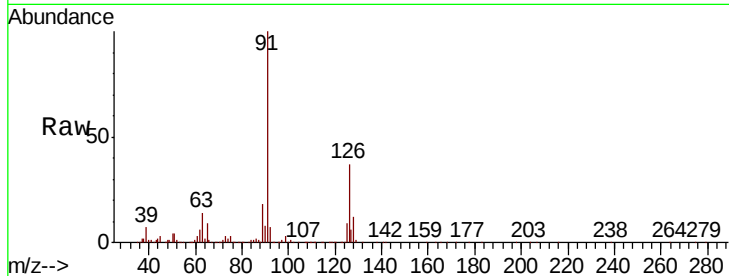
#79
2-Chlorotoluene
Concen: 5.328 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 100964
Ion Ratio Lower Upper
91 100
126 37.5 18.6 56.0

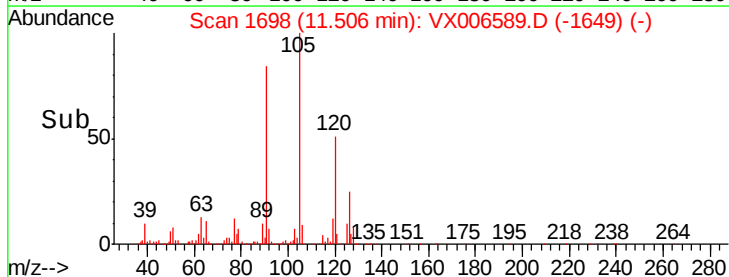
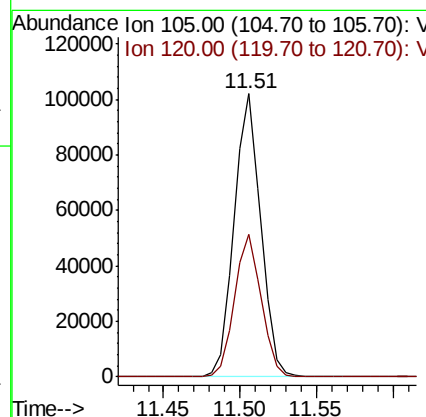
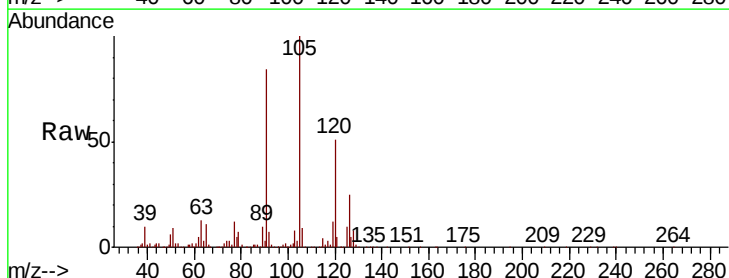
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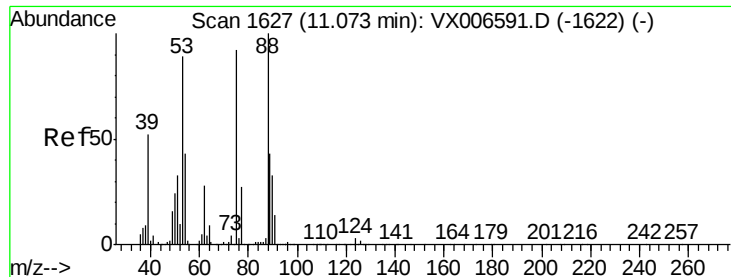
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 5.235 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Tgt Ion: 105 Resp: 122447
Ion Ratio Lower Upper
105 100
120 50.7 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 3.492 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Instrument :

MSVOA_X

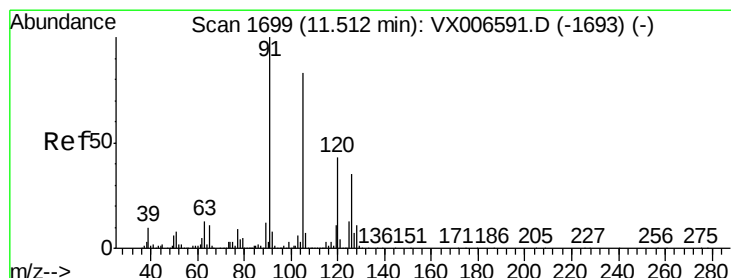
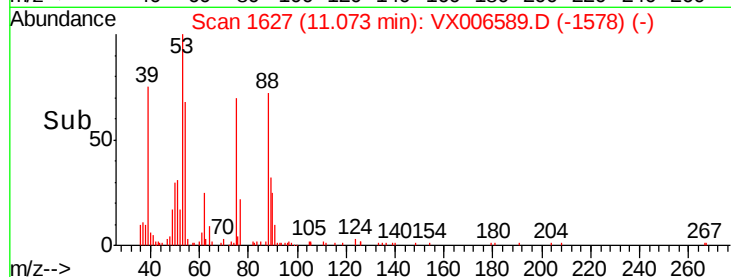
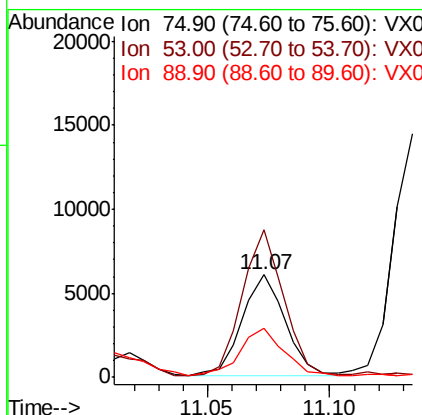
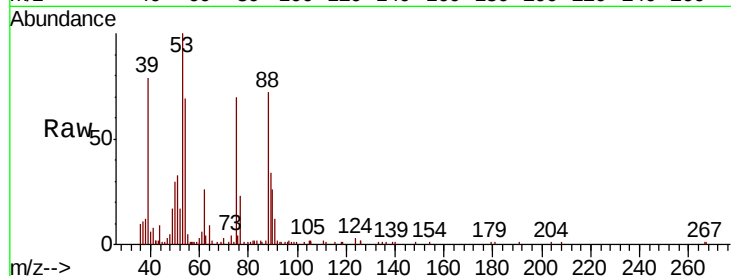
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	7520
Ion	Ratio	Lower	Upper
75	100		
53	133.5	79.7	119.5#
89	51.6	38.0	57.0

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#82

4-Chlorotoluene

Concen: 5.243 ug/l

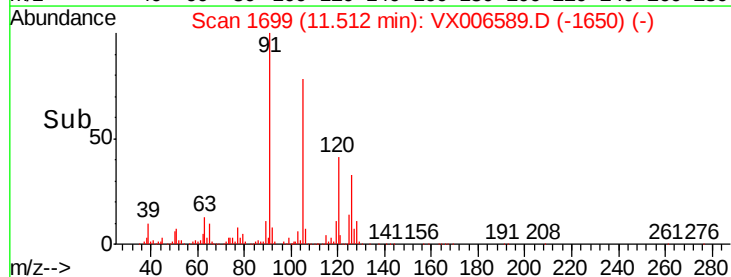
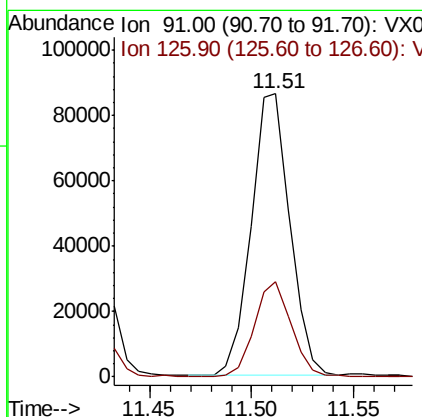
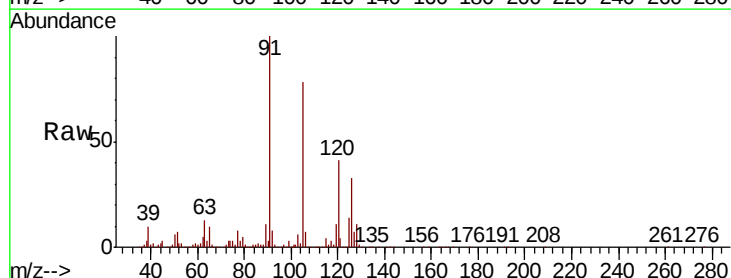
RT: 11.51 min Scan# 1699

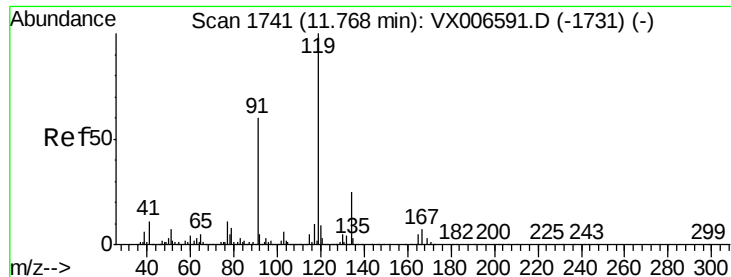
Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Tgt Ion:	91	Resp:	113968
Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.3	48.9





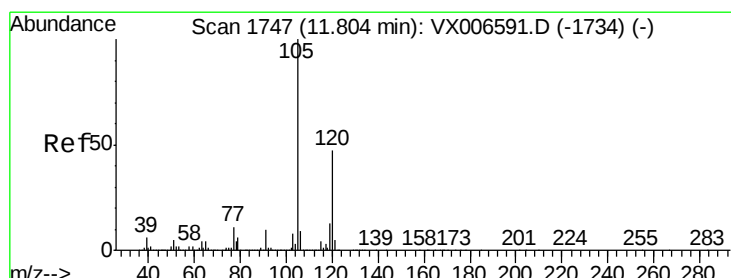
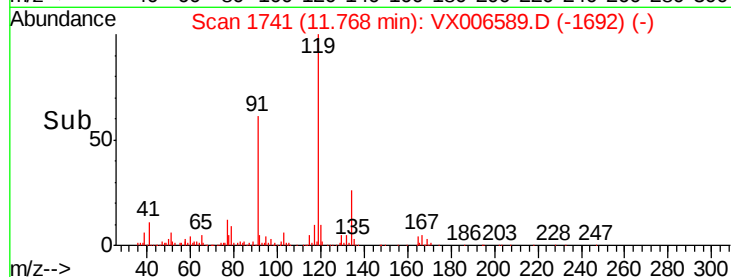
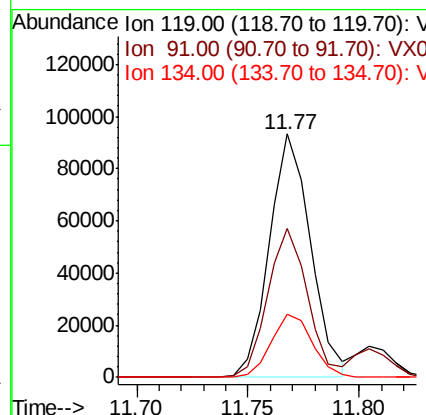
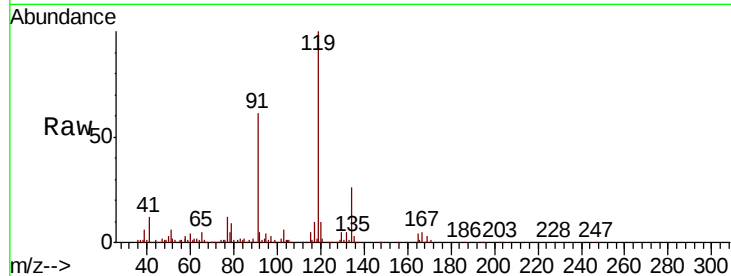
#83
tert-Butylbenzene
Concen: 5.122 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		119901		
91	59.3	27.7	83.1		
134	26.0	11.9	35.5		

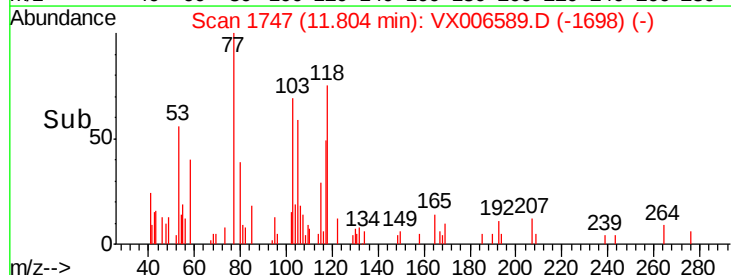
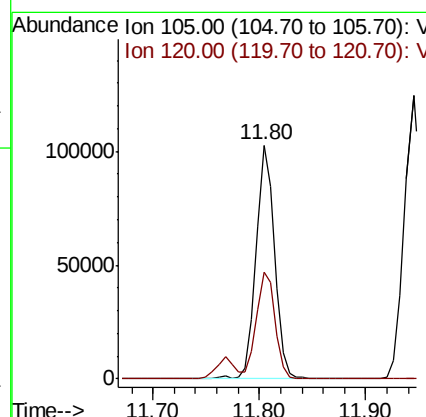
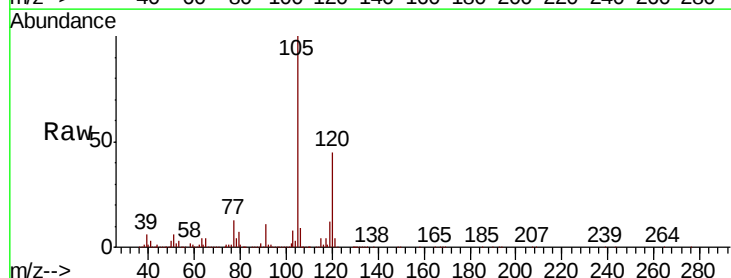
Manual Integrations
APPROVED

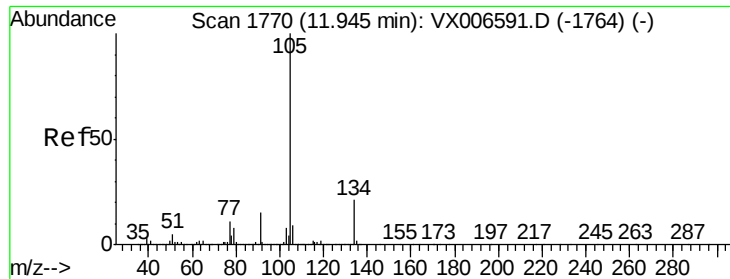
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 5.127 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		126131		
120	46.7	23.2	69.6		





#85

sec-Butylbenzene

Concen: 5.141 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 147553

Ion Ratio Lower Upper

105 100

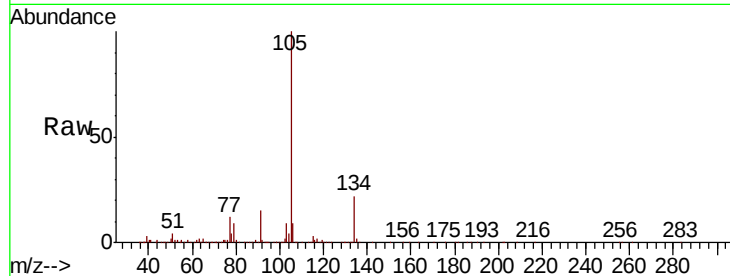
134 21.4 10.7 31.9

Manual Integrations

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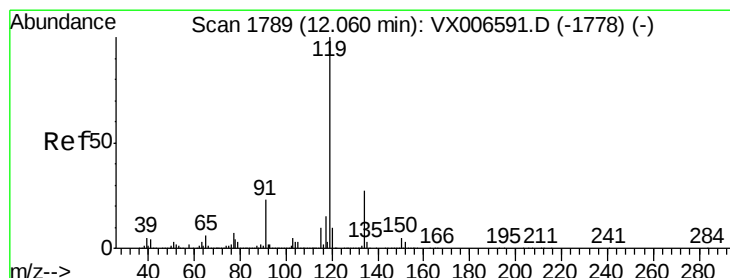
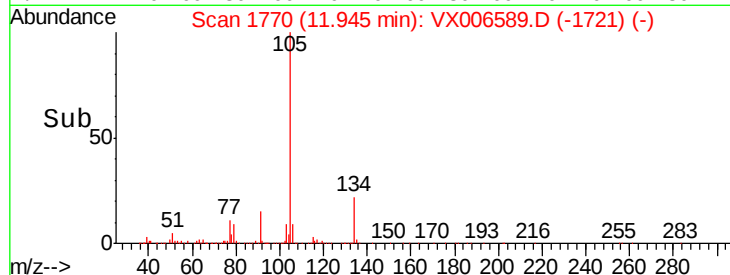
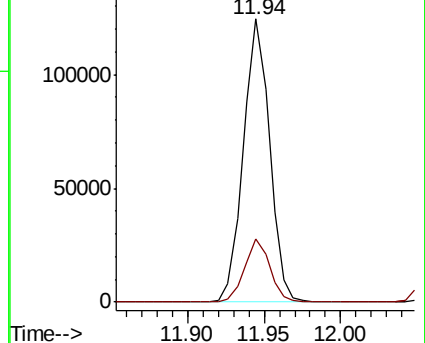
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.116 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

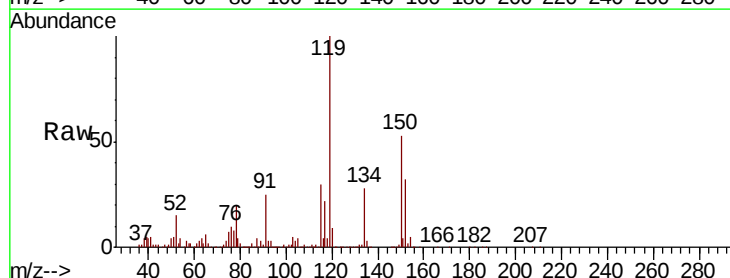
Tgt Ion:119 Resp: 129079

Ion Ratio Lower Upper

119 100

134 27.9 14.0 41.9

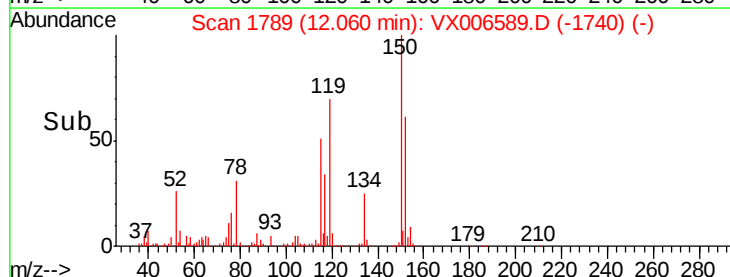
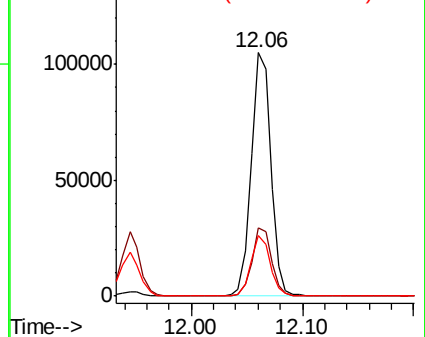
91 24.8 11.3 33.9

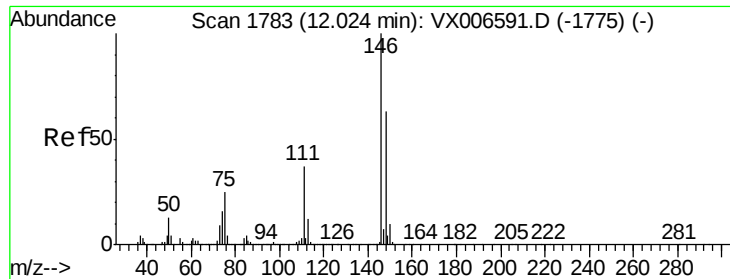


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





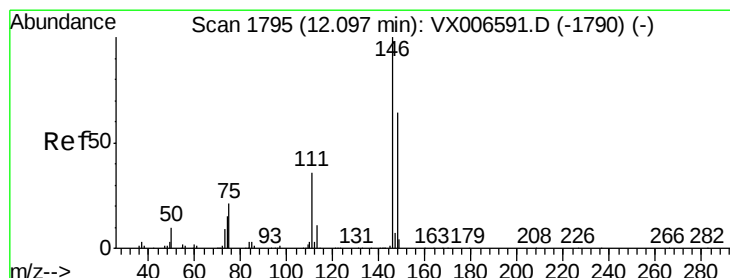
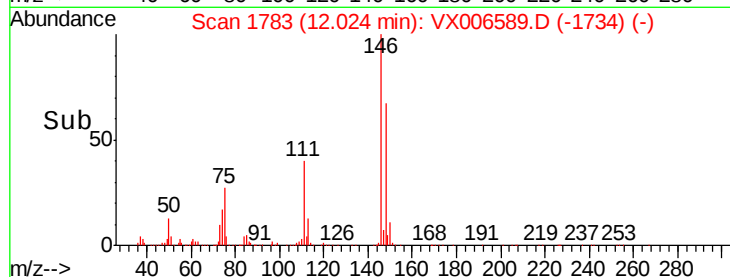
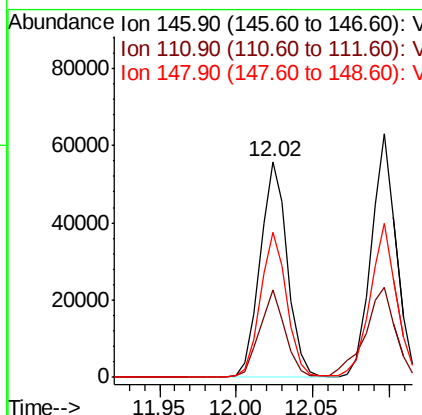
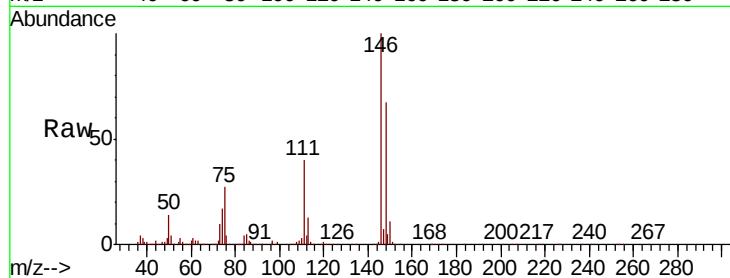
#87
 1,3-Dichlorobenzene
 Concen: 5.019 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006589.D
 Acq: 18 Dec 2018 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	55.8
148	65.2	31.8	95.3

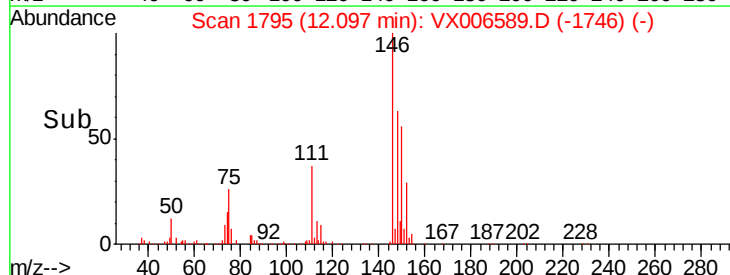
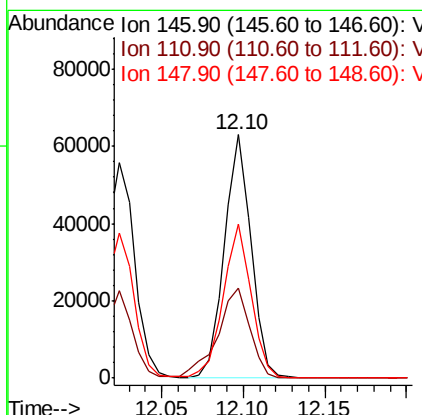
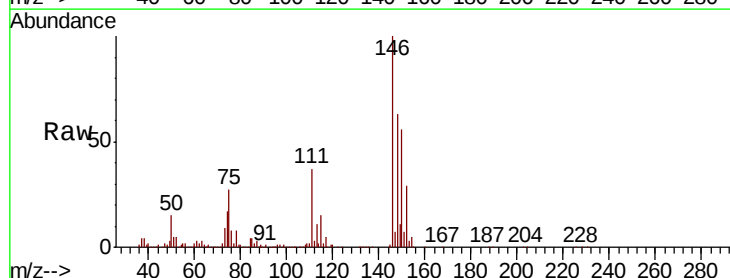
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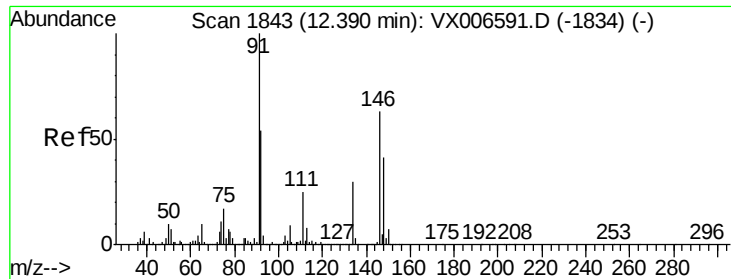
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#88
 1,4-Dichlorobenzene
 Concen: 5.060 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006589.D
 Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.2	18.1	54.1
148	66.4	31.9	95.9





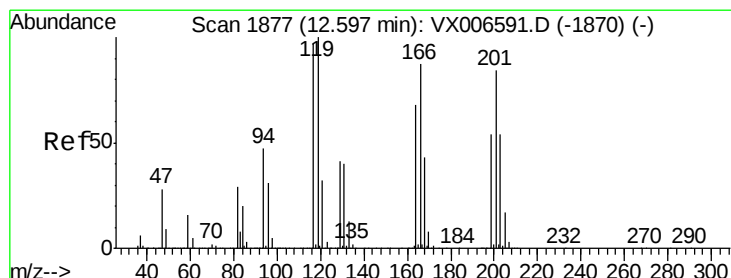
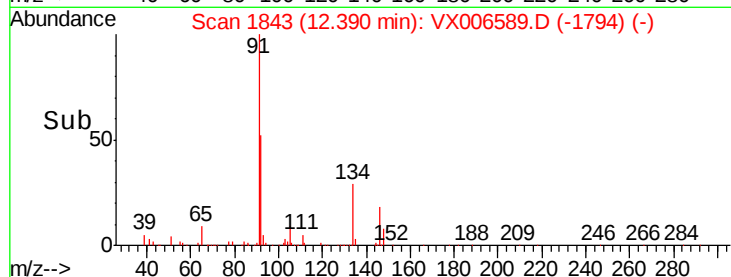
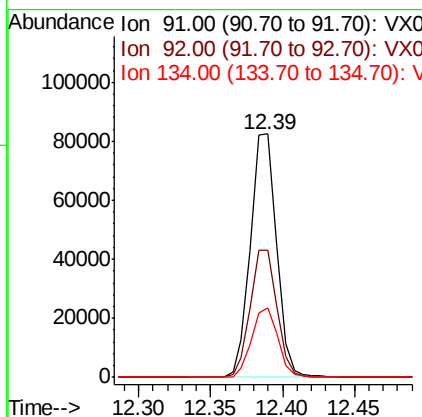
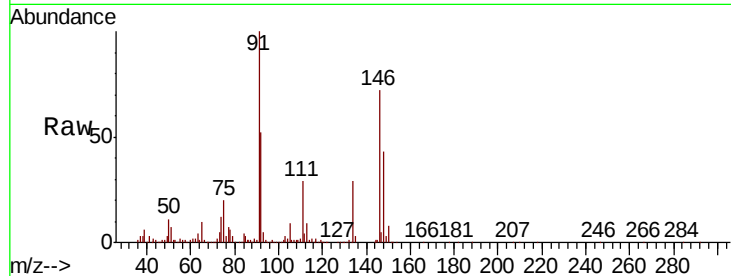
#89
n-Butylbenzene
Concen: 4.835 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.8	80.4
134	28.4	14.4	43.2

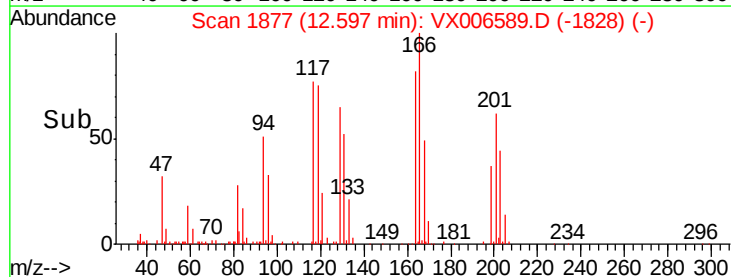
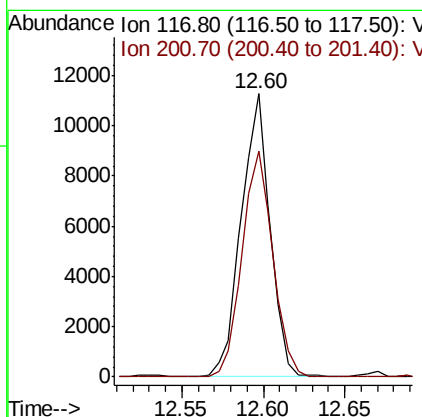
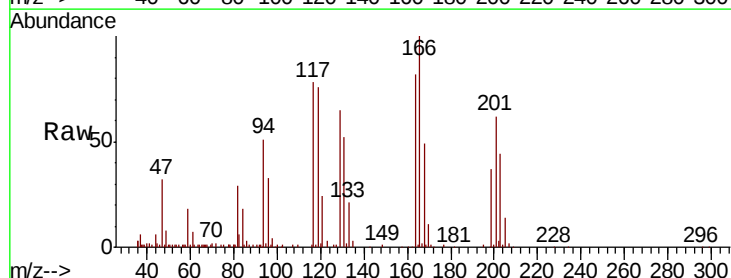
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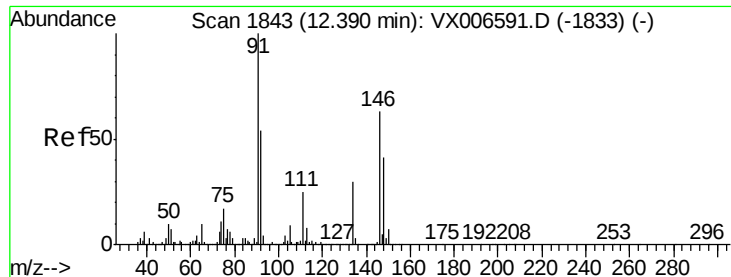
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#90
Hexachloroethane
Concen: 4.058 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006589.D
Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.4	42.9	128.7





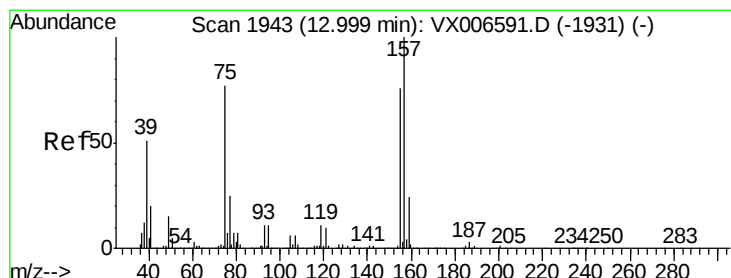
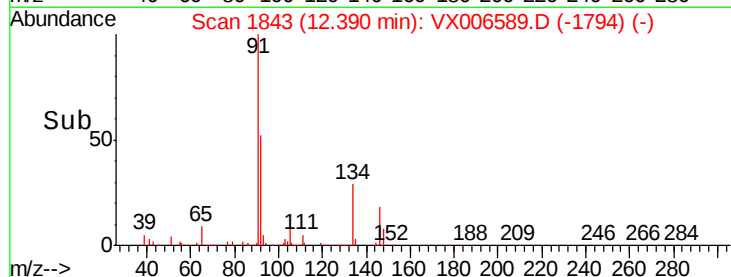
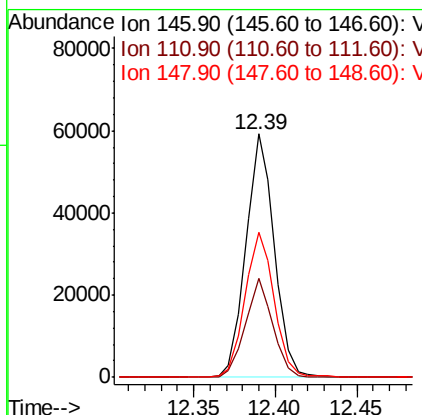
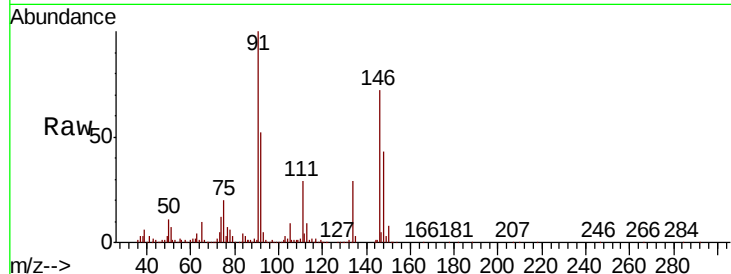
#91
 1,2-Dichlorobenzene
 Concen: 5.203 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006589.D
 Acq: 18 Dec 2018 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.2
148	61.3	32.3	96.9

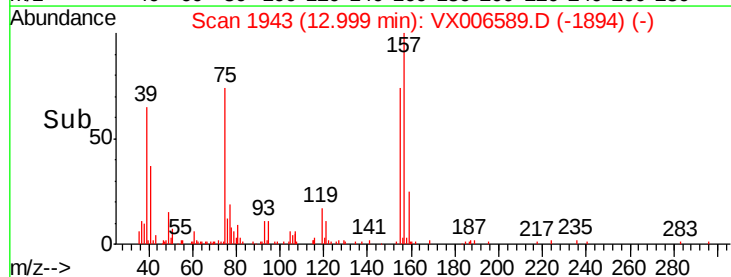
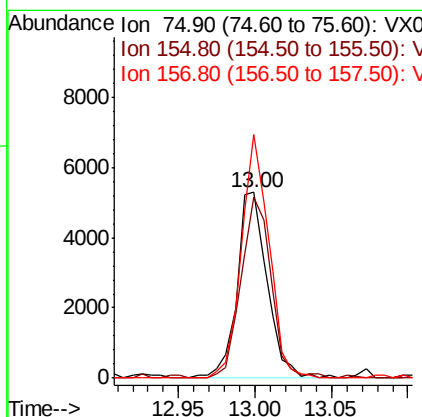
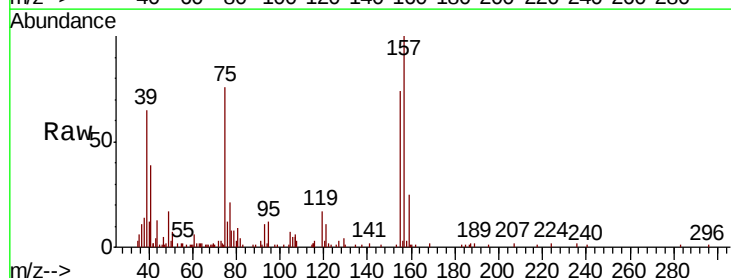
Manual Integrations
 APPROVED

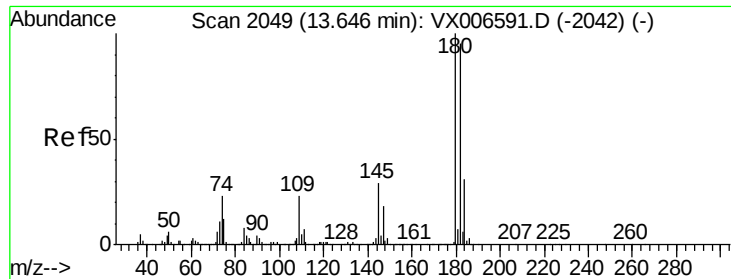
MMDadoda
 12/19/2018 11:21:52 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.154 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006589.D
 Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.3	50.6	151.8
157	119.0	64.6	193.8





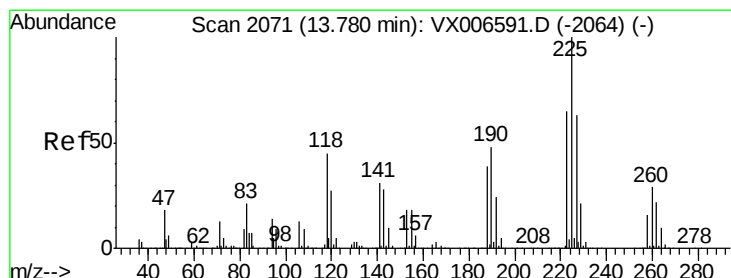
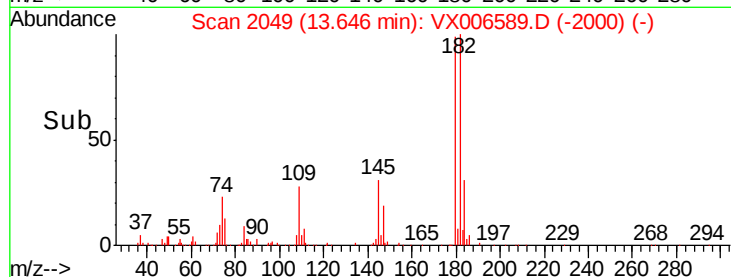
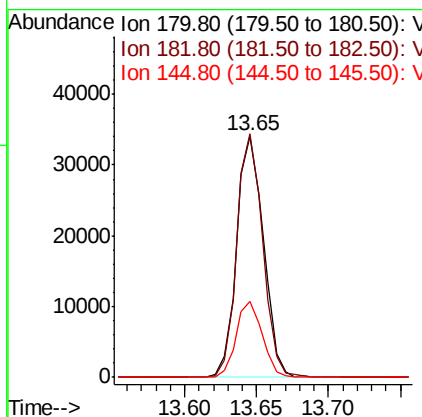
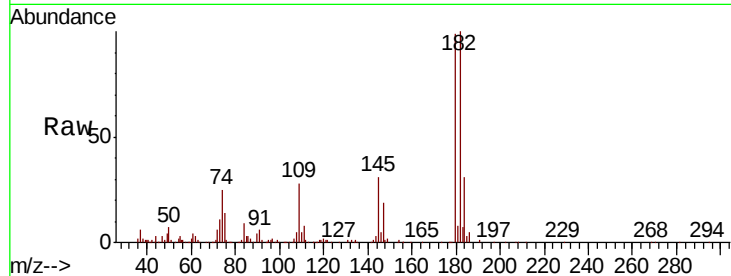
#93
 1,2,4-Trichlorobenzene
 Concen: 4.660 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006589.D
 Acq: 18 Dec 2018 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
180	100	44491		
182	97.0	47.3	142.0	
145	30.9	14.8	44.3	

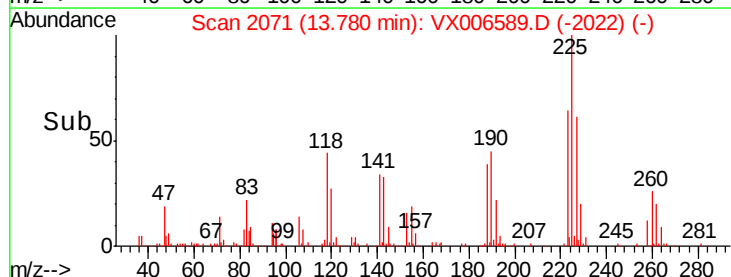
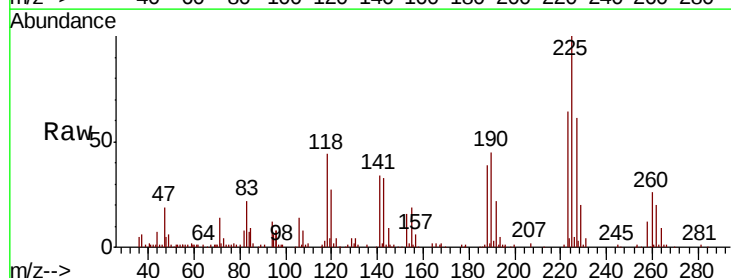
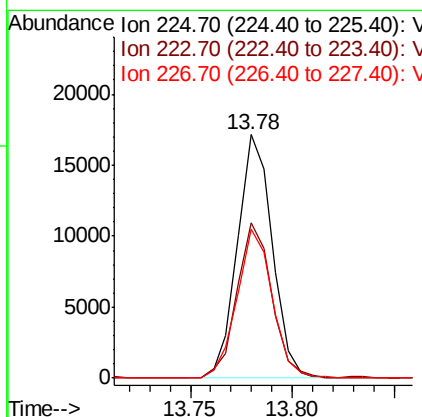
Manual Integrations
 APPROVED

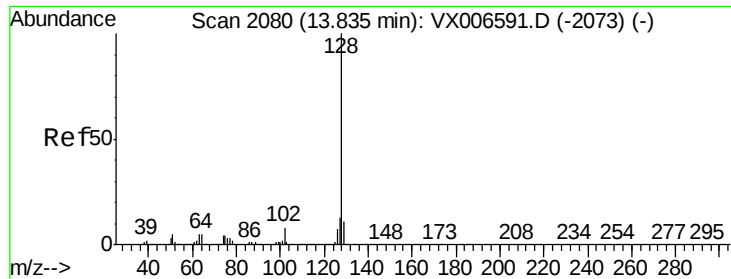
MMDadoda
 12/19/2018 11:21:52 AM



#94
 Hexachlorobutadiene
 Concen: 4.504 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006589.D
 Acq: 18 Dec 2018 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	20267		
223	63.9	32.1	96.3	
227	62.1	32.3	96.8	





#95

Naphthalene

Concen: 4.662 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Instrument :

MSVOA_X

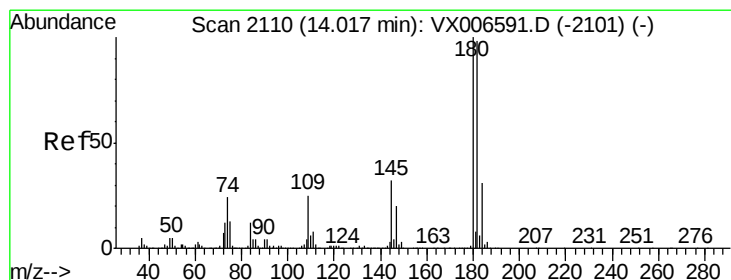
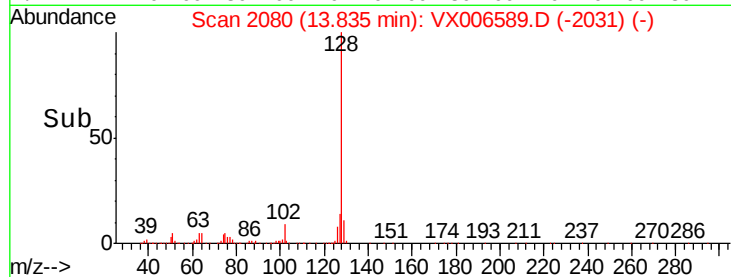
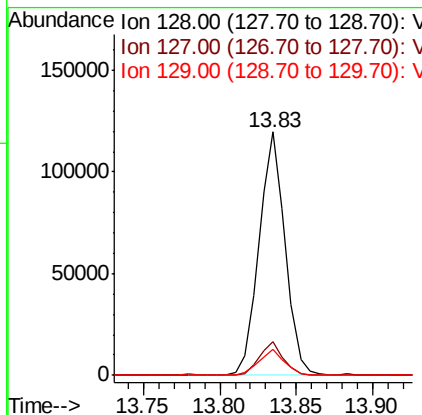
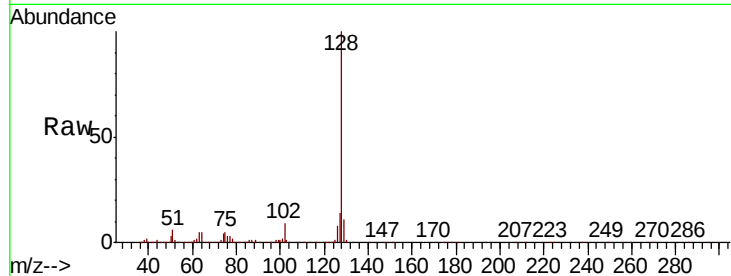
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	142061
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.1	15.1
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
12/19/2018 11:21:52 AM



#96

1,2,3-Trichlorobenzene

Concen: 4.525 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX006589.D

Acq: 18 Dec 2018 11:11

Tgt Ion:	180	Resp:	44608
Ion Ratio	Lower	Upper	
180	100		
182	98.9	48.5	145.5
145	31.2	16.0	47.9

