

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071919\
 Data File : VX010980.D
 Acq On : 18 Jul 2019 23:55
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 7/19/2019 9:56:40 AM

Quant Time: Jul 19 03:30:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	38025	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	217015	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	203745	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	81410	26.82	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	89.40%
60) 4-Bromofluorobenzene	11.13	95	105828	31.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	103.47%
63) Toluene-d8	8.71	98	262624	27.63	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	92.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	409891	191.089	ug/l 96
3) Chloromethane	1.32	50	335315	126.813	ug/l 99
4) Vinyl Chloride	1.41	62	363078	137.289	ug/l 97
5) Bromomethane	1.64	94	180594	105.820	ug/l 100
6) Chloroethane	1.70	64	199558	117.686	ug/l 94
7) Trichlorofluoromethane	1.92	101	593188	171.106	ug/l 96
8) Diethyl Ether	2.19	74	192327	127.854	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	327843	157.047	ug/l 99
10) 1,1-Dichloroethene	2.37	96	329200	156.879	ug/l 99
11) Methyl Iodide	2.51	142	504125	212.853	ug/l 97
12) Methyl Acetate	2.78	43	469661	124.383	ug/l 98
13) Acrolein	2.29	56	273848	534.112	ug/l 99
14) Acrylonitrile	3.15	53	906090	564.165	ug/l 98
15) Acetone	2.45	58	248228	543.546	ug/l 97
16) Carbon Disulfide	2.56	76	897055	160.716	ug/l 99
17) Allyl chloride	2.72	41	491559	106.369	ug/l 97
18) Methylene Chloride	2.85	84	358631	143.568	ug/l 97
19) trans-1,2-Dichloroethene	3.16	96	344057	153.747	ug/l 97
20) Diisopropyl ether	3.85	45	1019429	110.947	ug/l 96
21) 1,1-Dichloroethane	3.70	63	588151	128.601	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	400590	150.599	ug/l 97
23) tert-Butyl Alcohol	3.07	59	438350	623.076	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	1075636	135.807	ug/l 99
25) Chloroform	5.21	83	642875	149.792	ug/l 98
26) Cyclohexane	5.57	56	529906	125.029	ug/l # 97
29) 1,1-Dichloropropene	5.80	75	472509	149.654	ug/l 99
30) 2-Butanone	4.68	43	1280344	550.125	ug/l 99
31) 2,2-Dichloropropane	4.58	77	426006	127.976	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	595929	170.608	ug/l 98
33) Carbon Tetrachloride	5.79	117	532362	182.362	ug/l 97
34) Benzene	6.14	78	1389293	143.573	ug/l 97
35) Methacrylonitrile	5.04	41	274405	113.471	ug/l 98
36) 1,2-Dichloroethane	6.19	62	508316	145.785	ug/l 98
37) Trichloroethene	7.21	130	409834	169.005	ug/l 99
38) Methylcyclohexane	7.46	83	591637	150.861	ug/l 100
39) 1,2-Dichloropropane	7.51	63	350345	129.944	ug/l 98
40) Dibromomethane	7.66	93	263543	164.478	ug/l 98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	511040	160.585	ug/l	99
42) Vinyl Acetate	3.82	43	4269253	558.501	ug/l	100
43) Ethyl Acetate	4.84	43	489689	116.486	ug/l	100
44) Isopropyl Acetate	6.45	43	825234	119.785	ug/l	100
45) 1,4-Dioxane	7.74	88	197495	2763.211	ug/l	97
46) Methyl methacrylate	7.77	41	411089	120.457	ug/l	97
47) n-amyl Acetate	10.90	43	780676	125.959	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	563341	154.334	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	585673	145.794	ug/l	100
50) 1,1,2-Trichloroethane	9.21	97	384985	158.266	ug/l	97
51) Ethyl methacrylate	9.18	69	624785	143.998	ug/l	99
52) 1,3-Dichloropropane	9.37	76	609441	143.748	ug/l	99
53) Dibromochloromethane	9.59	129	462109	188.724	ug/l	99
54) 1,2-Dibromoethane	9.67	107	428595	170.009	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	1220446	550.345	ug/l	99
56) Bromoform	10.85	173	368984	197.932	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	2609030	555.044	ug/l	99
59) 2-Hexanone	9.49	43	2000123	544.764	ug/l	99
61) Tetrachloroethene	9.34	164	383015	163.132	ug/l	96
62) Toluene	8.79	91	1597075	146.960	ug/l	99
64) Chlorobenzene	10.13	112	1064161	160.425	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	414110	171.063	ug/l	100
66) Ethyl Benzene	10.25	91	1841837	151.843	ug/l	99
67) m/p-Xylenes	10.36	106	1409350	313.882	ug/l	98
68) o-Xylene	10.69	106	692195	157.052	ug/l	96
69) Styrene	10.71	104	1221257	159.703	ug/l	98
70) Isopropylbenzene	11.02	105	1884967	160.138	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	602050	142.494	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	494121m	137.410	ug/l	
73) Bromobenzene	11.26	156	506445	170.749	ug/l	98
74) n-propylbenzene	11.36	91	2132320	157.119	ug/l	99
75) 2-Chlorotoluene	11.42	91	1268504	156.247	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	1603256	160.419	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	201063	143.450	ug/l	88
78) 4-Chlorotoluene	11.51	91	1468770	158.796	ug/l	99
79) tert-butylbenzene	11.77	119	1574732	163.338	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	1613966	160.956	ug/l	99
81) sec-Butylbenzene	11.94	105	1852304	161.514	ug/l	100
82) p-Isopropyltoluene	12.06	119	1746376	166.764	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	911954	171.966	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	909038	171.477	ug/l	100
85) n-Butylbenzene	12.38	91	1517336	160.167	ug/l	99
86) Hexachloroethane	12.60	117	310828	179.992	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	864254	161.890	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	144386	149.301	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	636004	168.779	ug/l	99
90) Hexachlorobutadiene	13.78	225	295980	158.101	ug/l	98
91) Naphthalene	13.83	128	1934559	159.136	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	624632	163.902	ug/l	99

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VSTDICC150

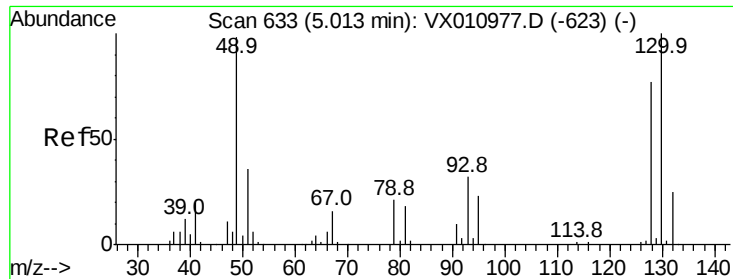
Manual Integrations
APPROVED

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QLast Update : Fri Jul 19 03:13:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

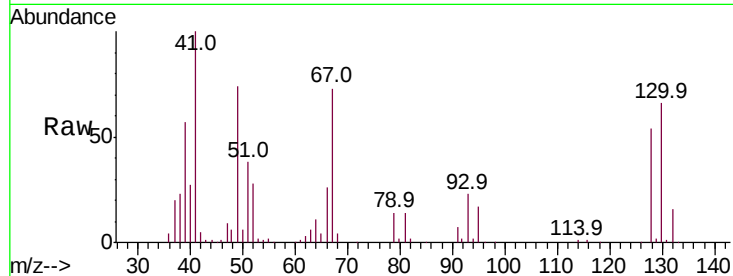
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
49	144.4	0.0	343.5
130	128.3	0.0	324.7

Manual Integrations
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7/19/2019 9:56:40 AM

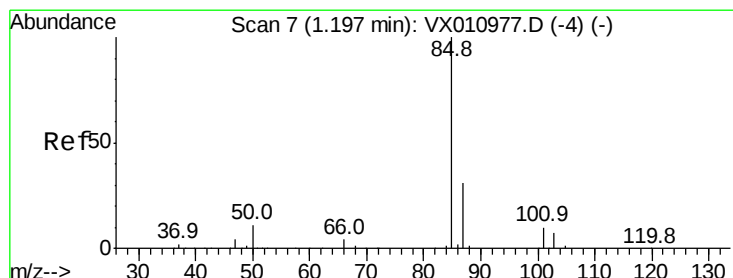
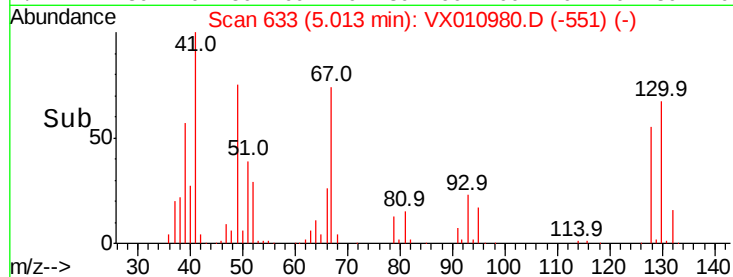
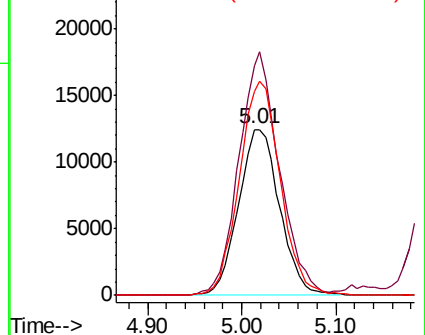


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 191.089 ug/l

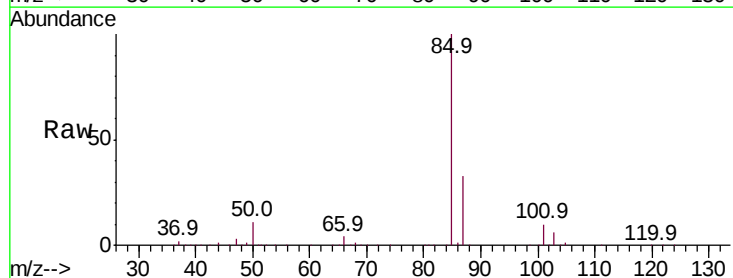
RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

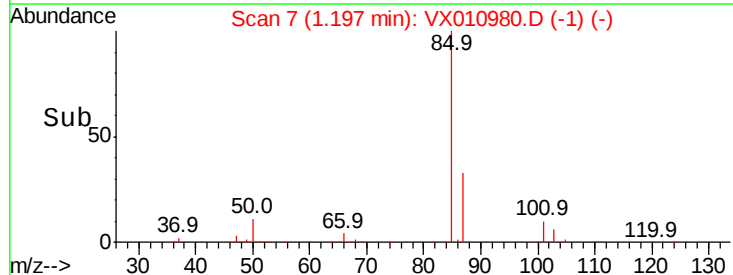
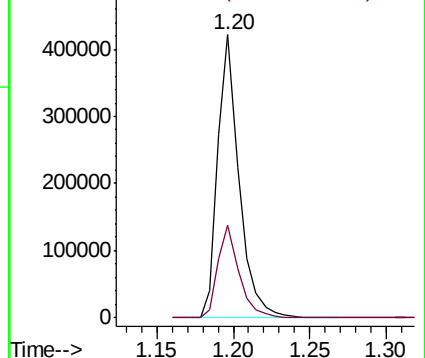
Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	15.4	46.1

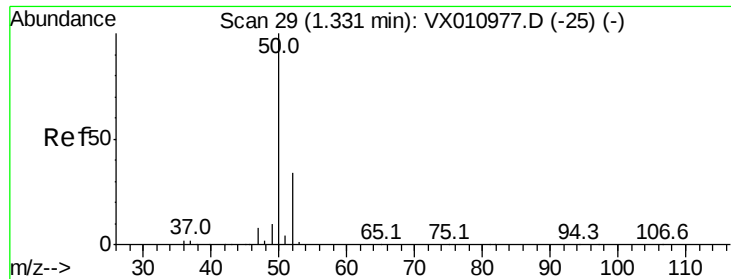


Abundance

Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 126.813 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 335315

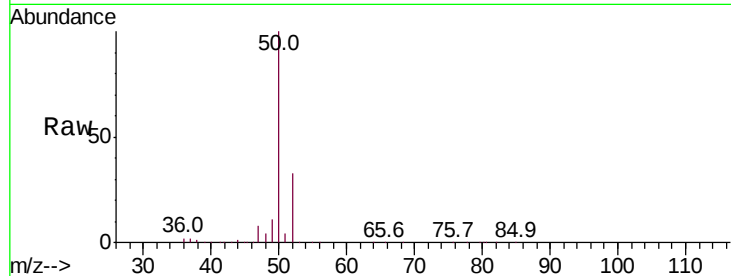
Ion Ratio Lower Upper

50 100

52 33.3 27.3 40.9

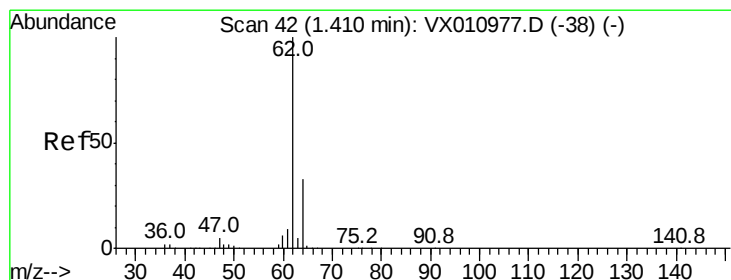
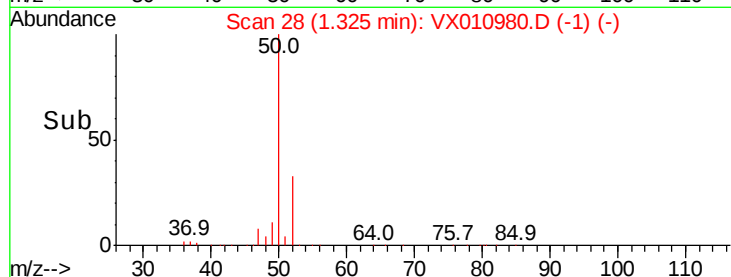
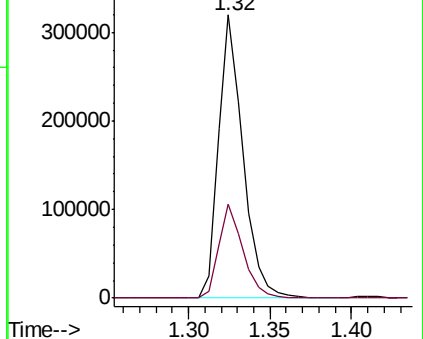
Manual Integrations
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 137.289 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010980.D

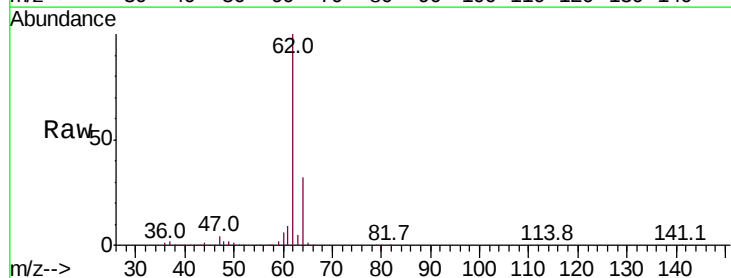
Acq: 18 Jul 2019 23:55

Tgt Ion: 62 Resp: 363078

Ion Ratio Lower Upper

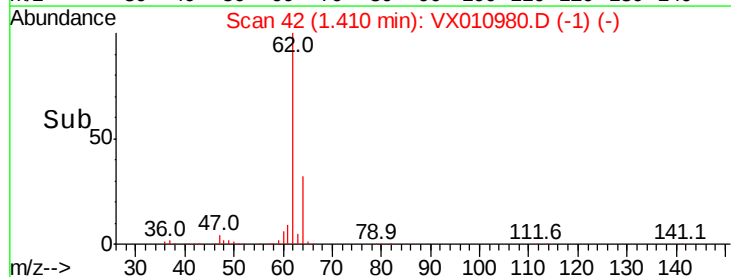
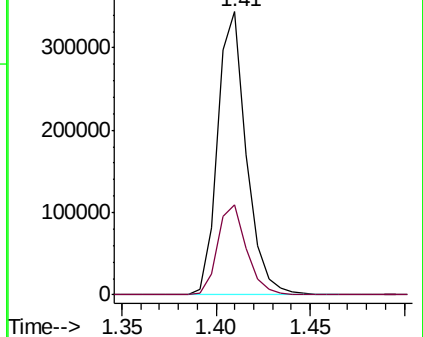
62 100

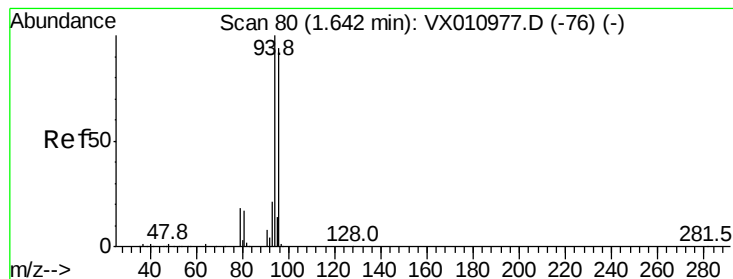
64 31.9 26.8 40.2



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 105.820 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 180594

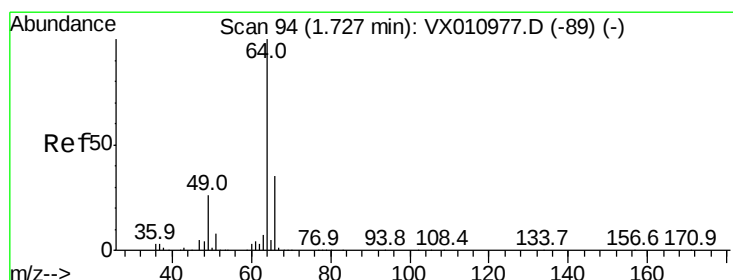
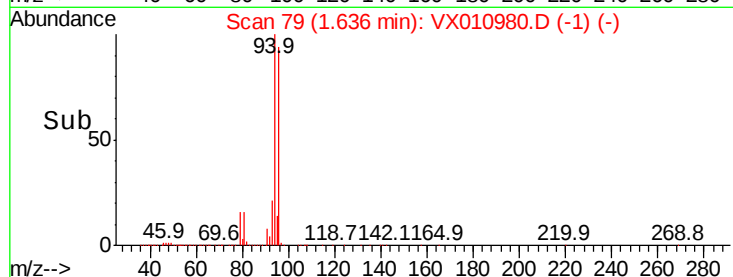
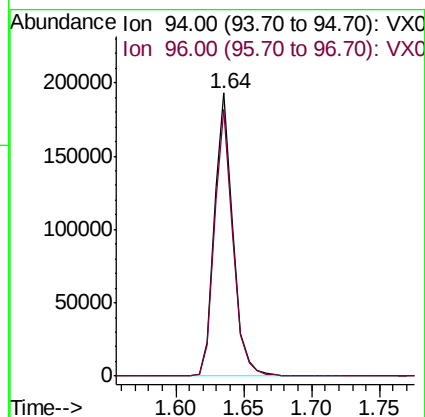
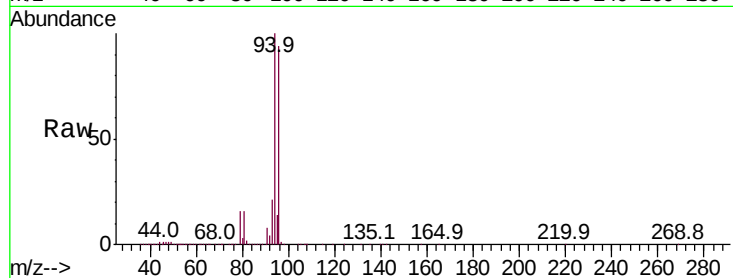
Ion Ratio Lower Upper

94 100

96 94.4 75.4 113.2

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7/19/2019 9:56:40 AM



#6

Chloroethane

Concen: 117.686 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.02 min

Lab File: VX010980.D

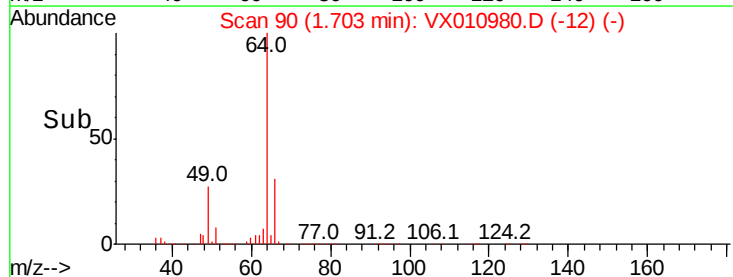
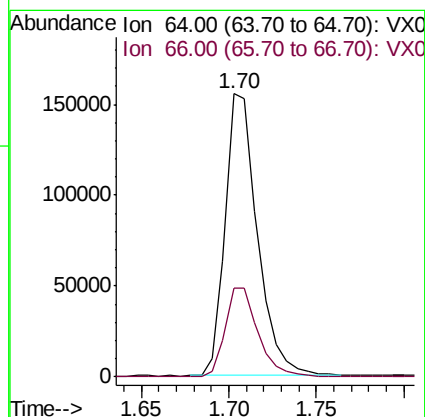
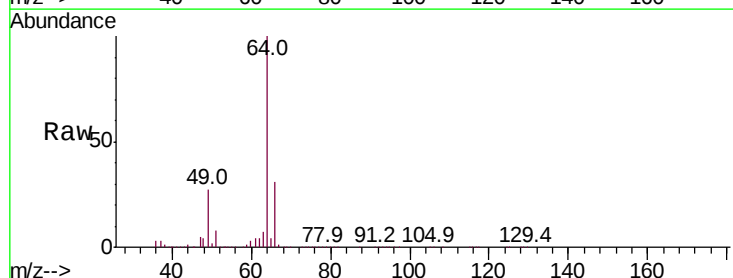
Acq: 18 Jul 2019 23:55

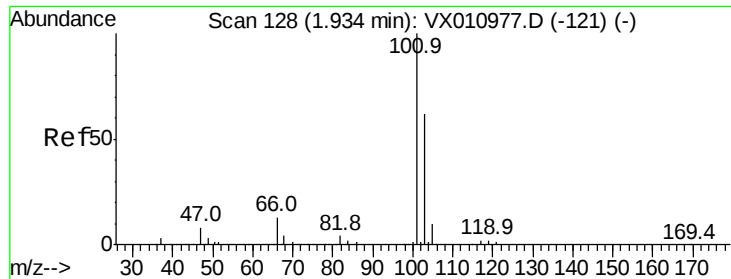
Tgt Ion: 64 Resp: 199558

Ion Ratio Lower Upper

64 100

66 31.3 28.1 42.1





#7

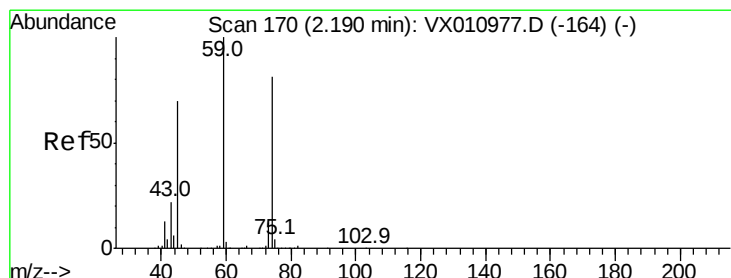
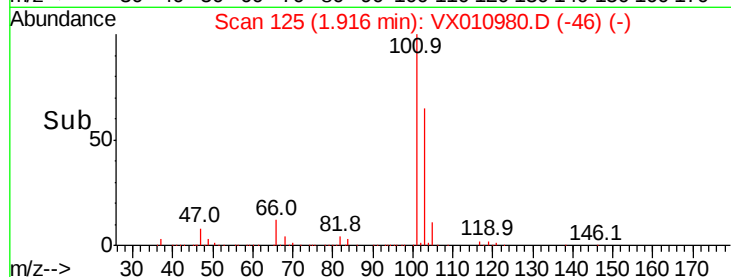
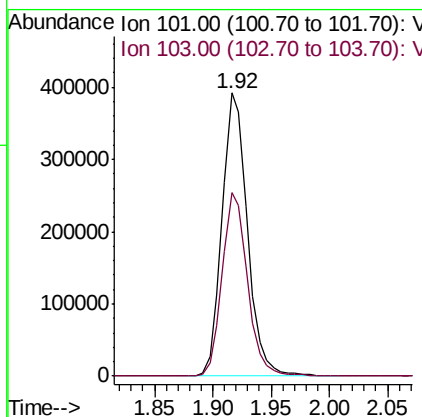
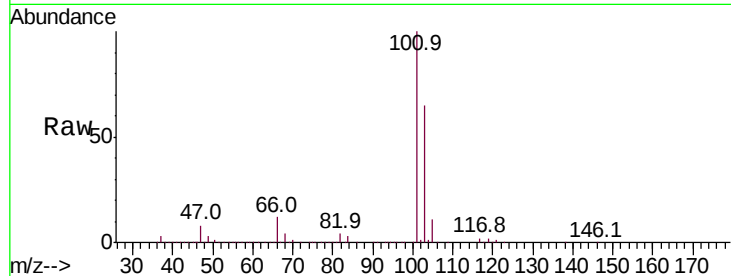
Trichlorofluoromethane
Concen: 171.106 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.02 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

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VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
101	100	593188		
103	64.8	49.6	74.4	

Manual Integrations
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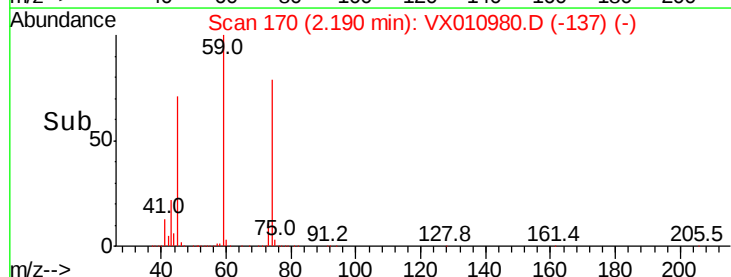
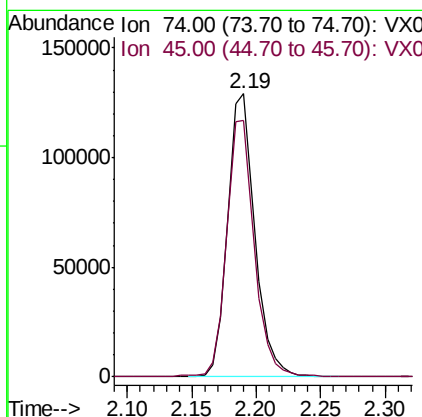
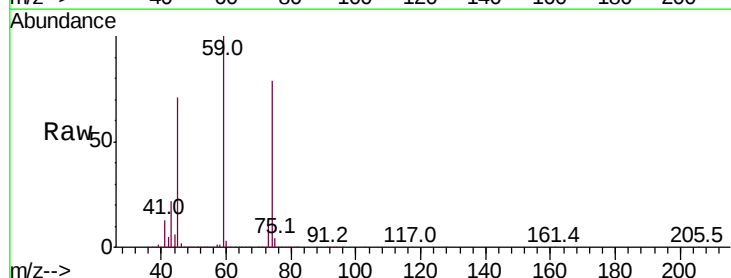
MMDadoda
7/19/2019 9:56:40 AM

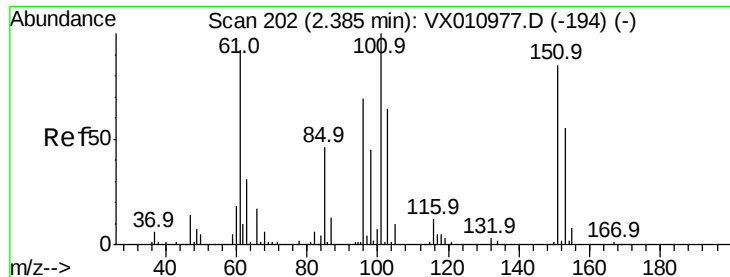


#8

Diethyl Ether
Concen: 127.854 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	192327		
45	91.7	18.3	164.3	





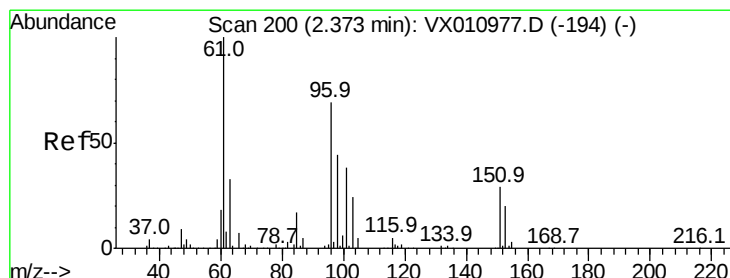
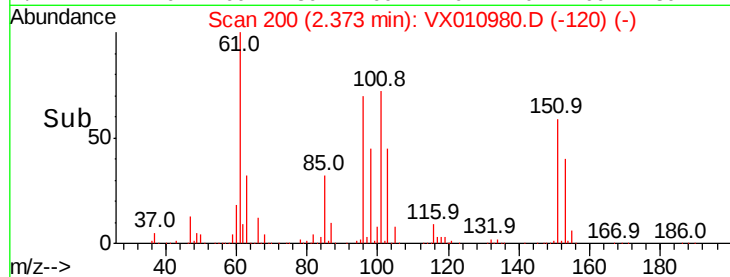
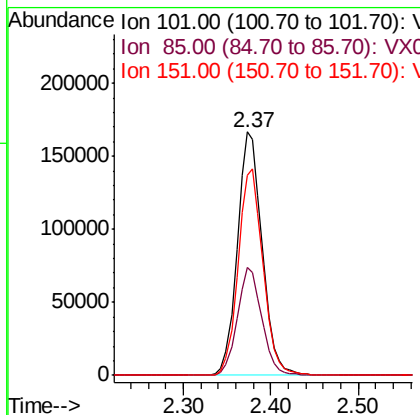
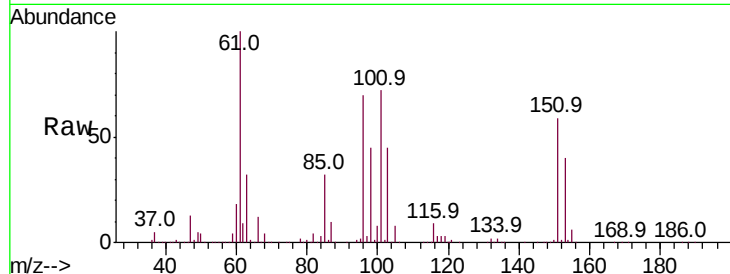
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 157.047 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.01 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
101	100	327843		
85	43.8	0.0	89.8	
151	85.3	0.0	172.2	

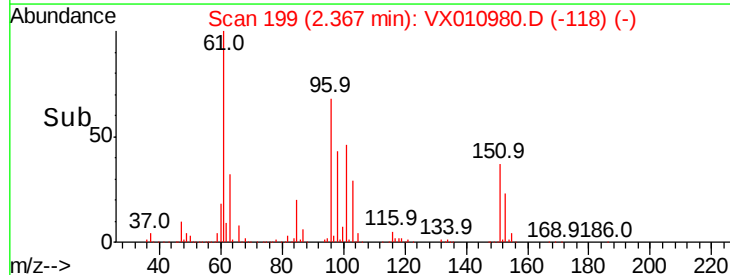
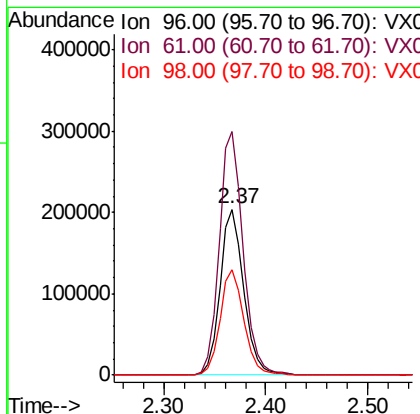
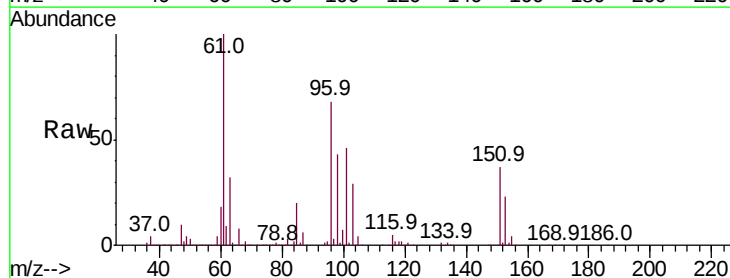
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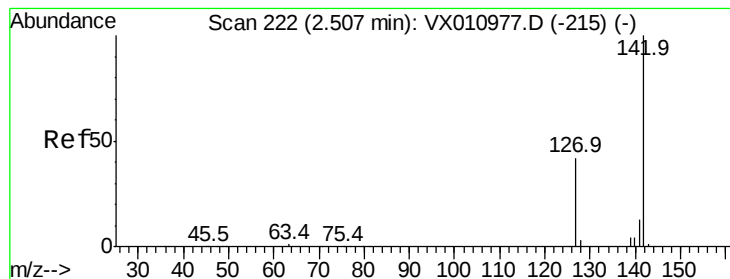
MMDadoda
 7/19/2019 9:56:40 AM



#10
 1,1-Dichloroethene
 Concen: 156.879 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	329200		
61	146.6	115.9	173.9	
98	63.3	50.6	75.8	





#11

Methvl Iodide

Concen: 212.853 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:142 Resp: 504125

Ion Ratio Lower Upper

142 100

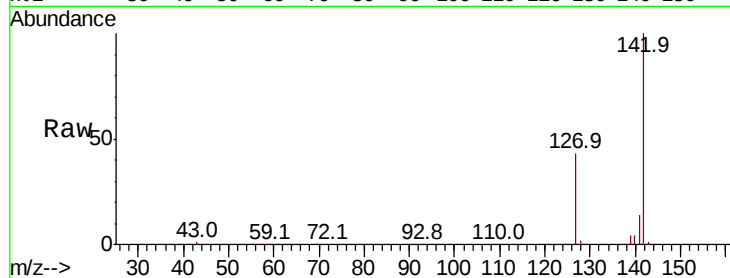
127 43.1 20.7 62.1

141 14.5 6.7 20.0

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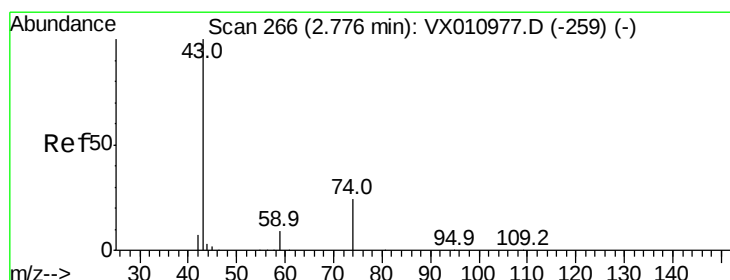
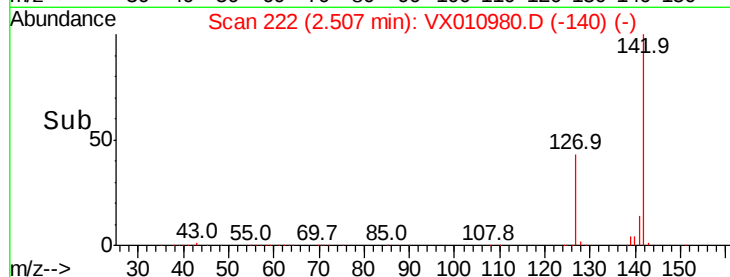
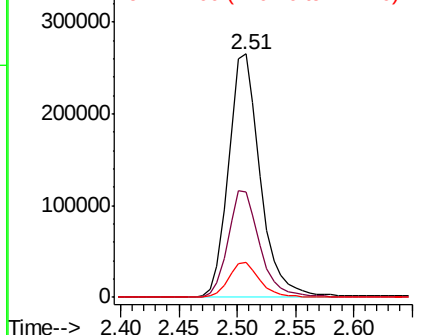
7/19/2019 9:56:40 AM



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 124.383 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010980.D

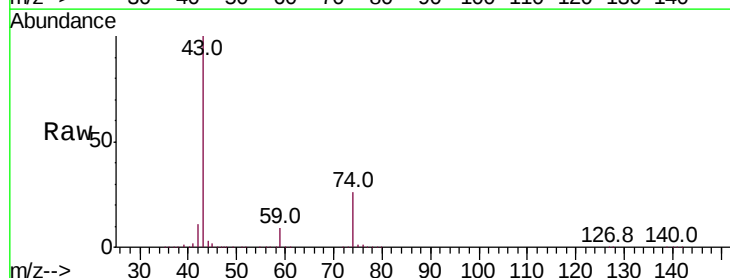
Acq: 18 Jul 2019 23:55

Tgt Ion: 43 Resp: 469661

Ion Ratio Lower Upper

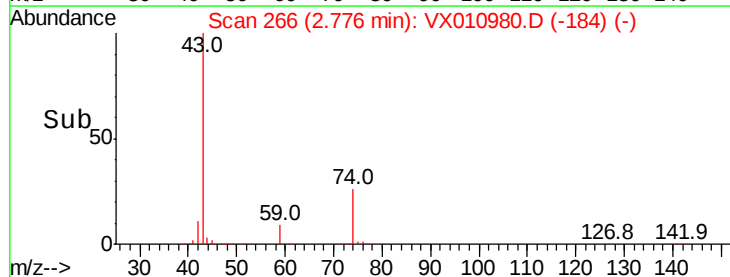
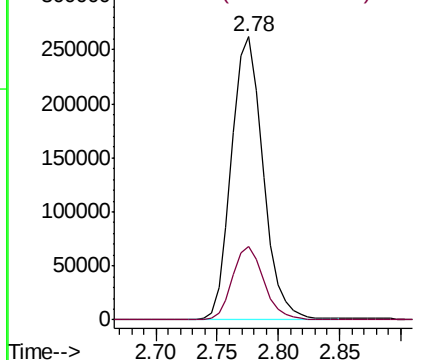
43 100

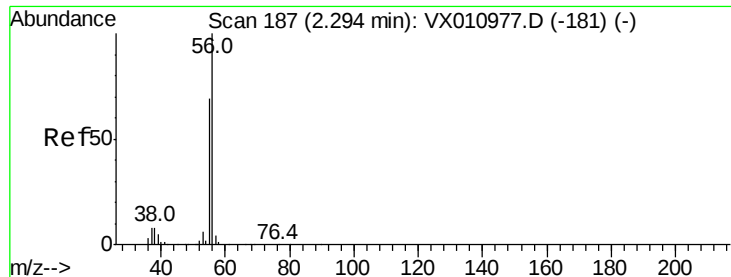
74 25.7 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 534.112 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 273848

Ion Ratio Lower Upper

56 100

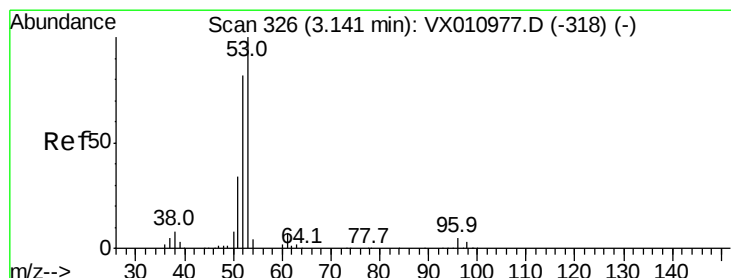
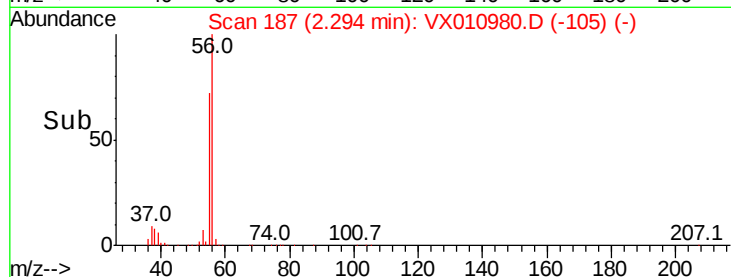
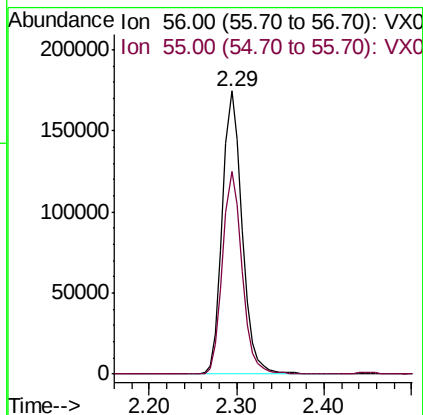
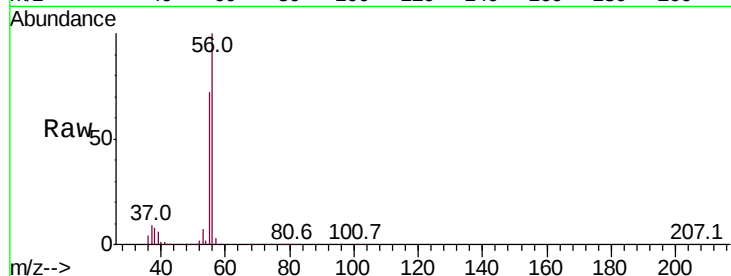
55 70.8 56.1 84.1

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#14

Acrylonitrile

Concen: 564.165 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

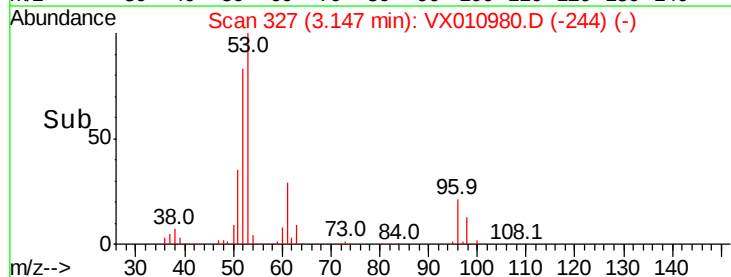
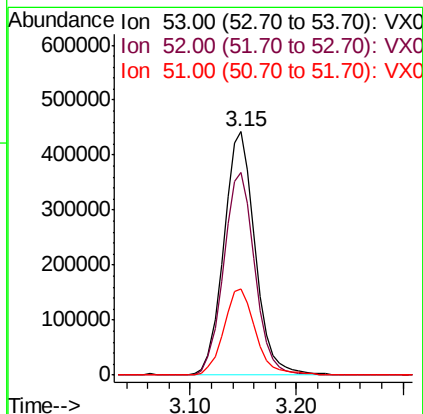
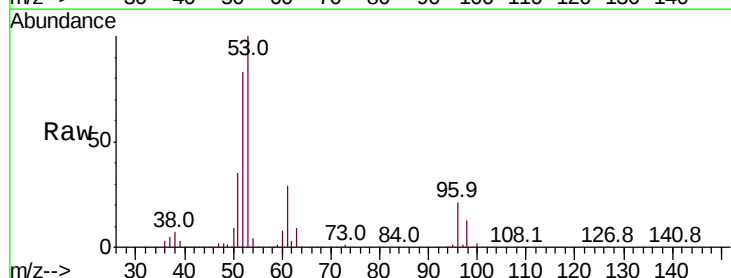
Tgt Ion: 53 Resp: 906090

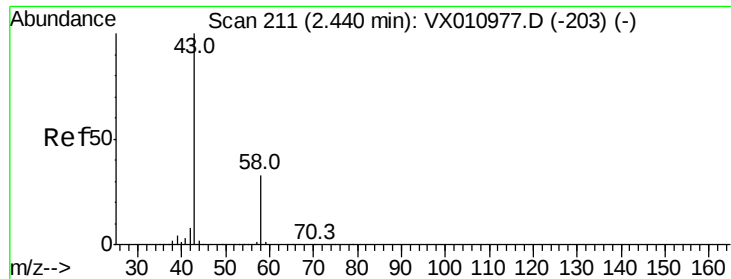
Ion Ratio Lower Upper

53 100

52 83.7 41.1 123.4

51 36.4 17.8 53.3





#15

Acetone

Concen: 543.546 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 58 Resp: 248228

Ion Ratio Lower Upper

58 100

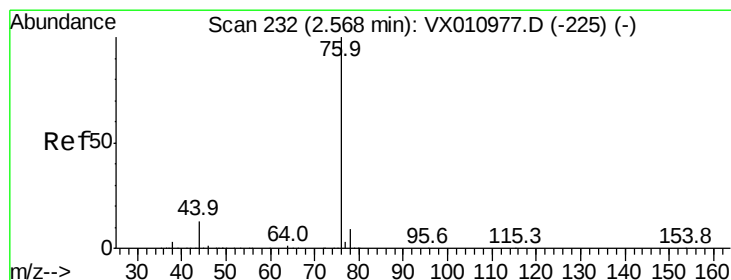
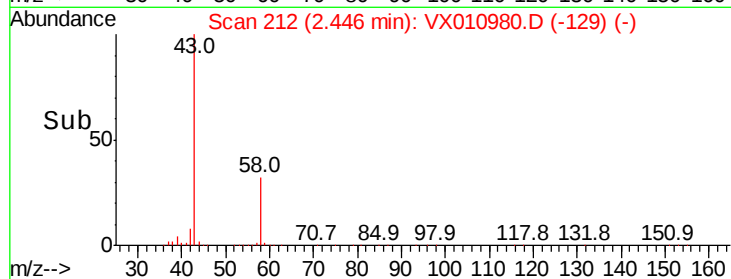
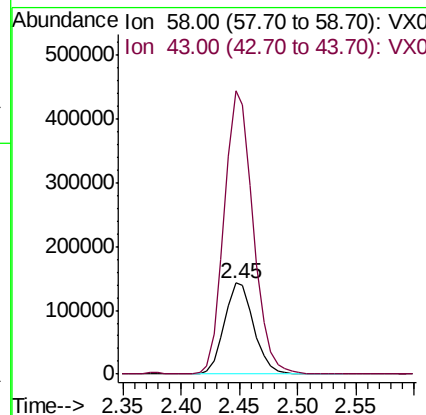
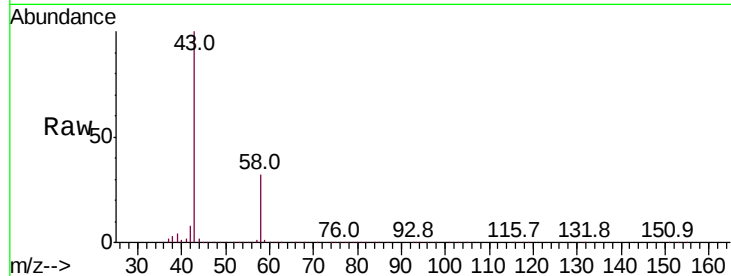
43 310.3 243.8 365.6

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#16

Carbon Disulfide

Concen: 160.716 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX010980.D

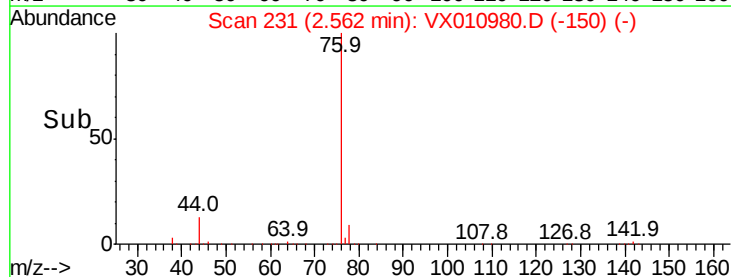
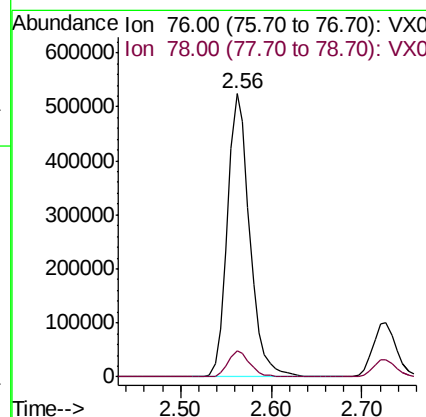
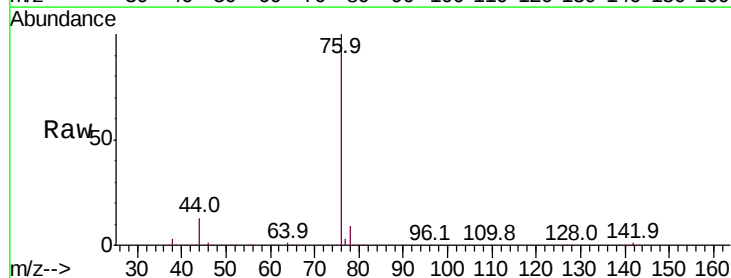
Acq: 18 Jul 2019 23:55

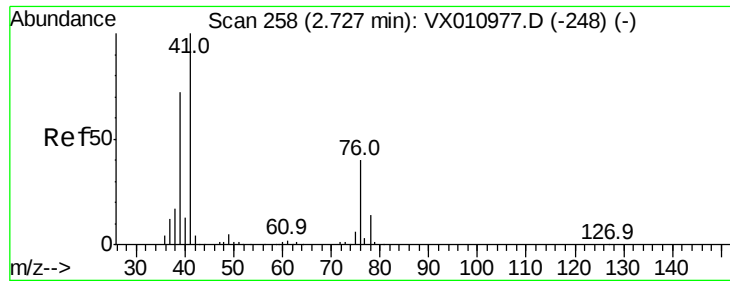
Tgt Ion: 76 Resp: 897055

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9





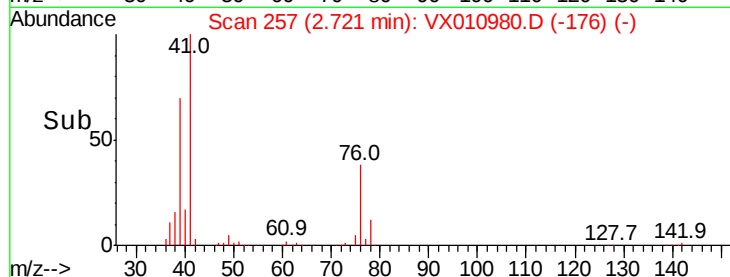
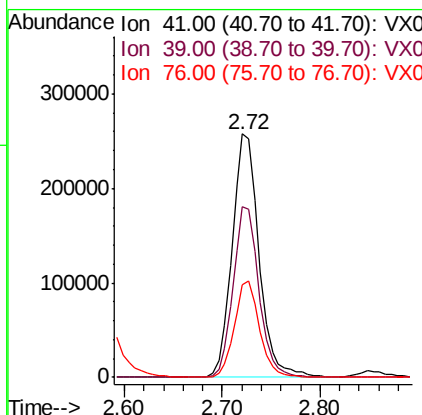
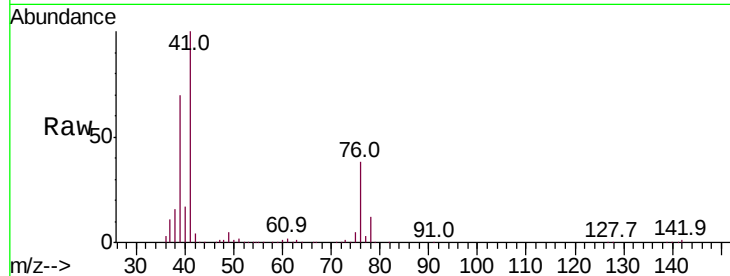
#17
Allvl chloride
Concen: 106.369 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	70.1	36.1	108.3	
76	38.2	20.2	60.5	

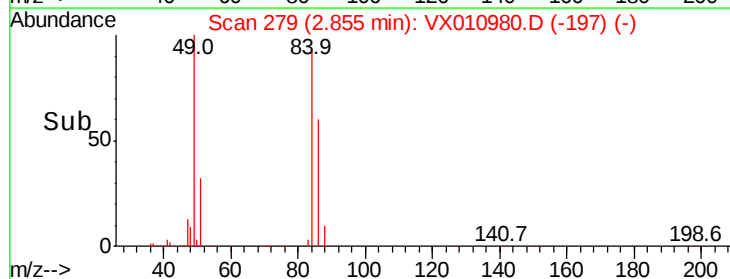
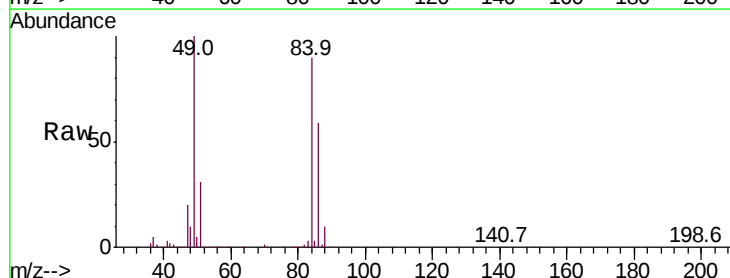
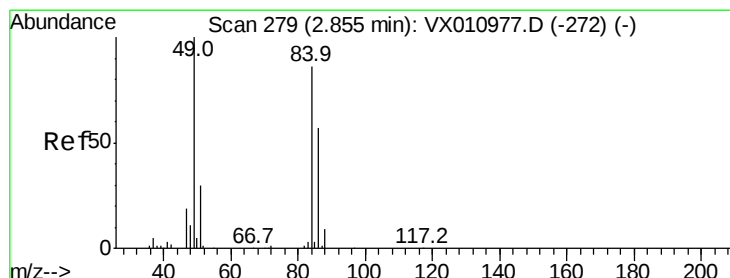
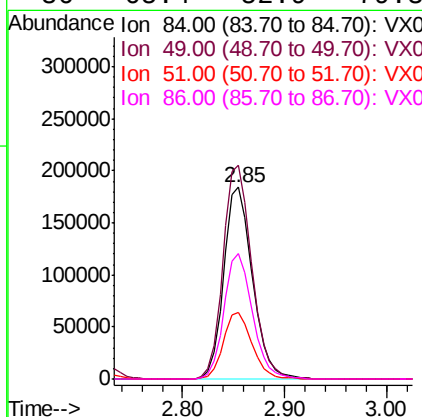
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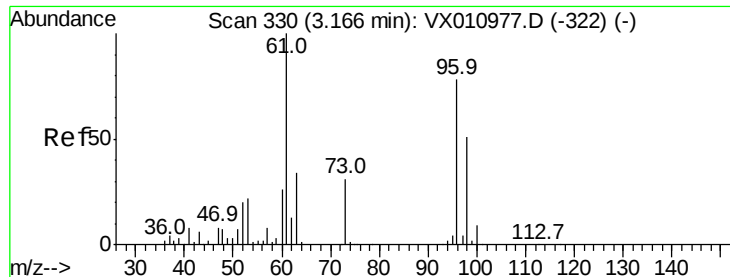
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#18
Methylene Chloride
Concen: 143.568 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
84	100			
49	111.3	93.2	139.8	
51	34.9	28.6	42.8	
86	65.4	52.9	79.3	





#19

trans-1,2-Dichloroethene

Concen: 153.747 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 344057

Ion Ratio Lower Upper

96 100

61 132.7 102.2 153.4

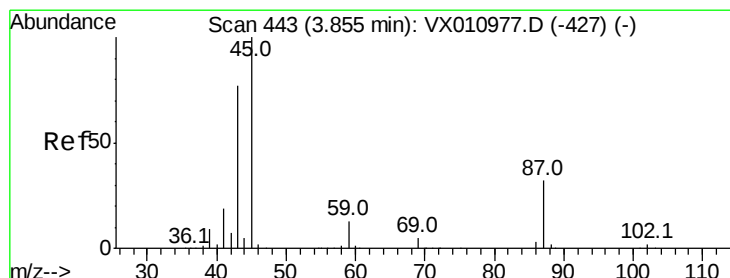
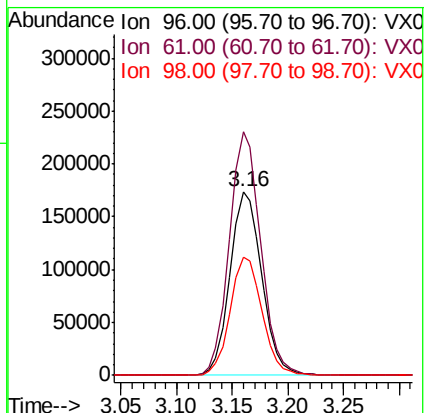
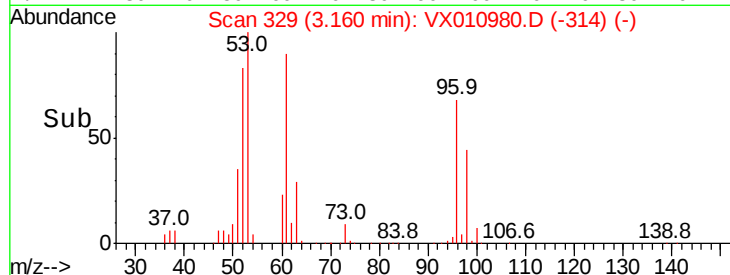
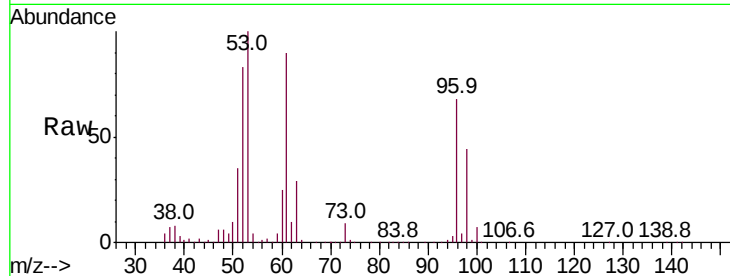
98 64.5 52.2 78.2

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#20

Diisopropyl ether

Concen: 110.947 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Tgt Ion: 45 Resp: 1019429

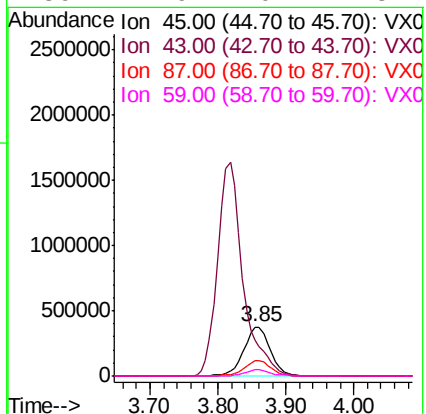
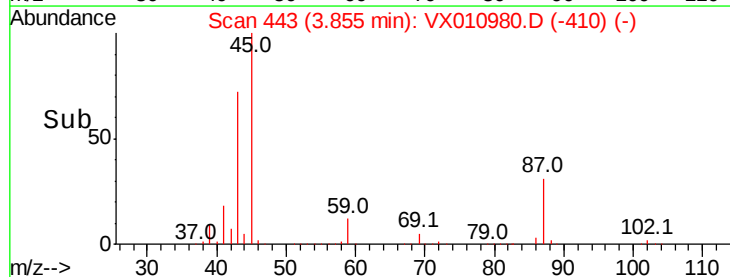
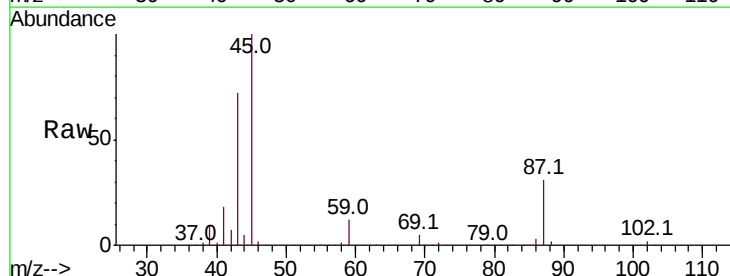
Ion Ratio Lower Upper

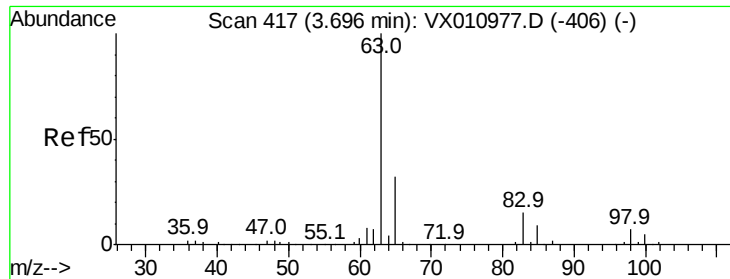
45 100

43 72.2 61.5 92.3

87 31.1 25.4 38.2

59 11.9 10.2 15.2





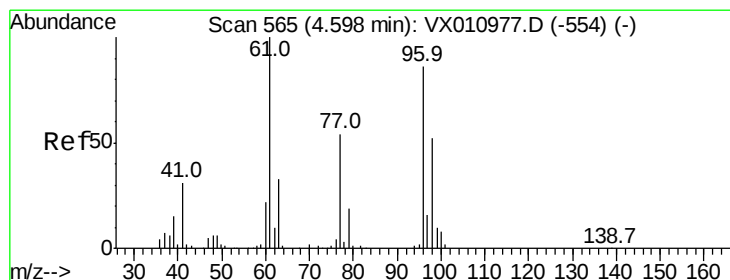
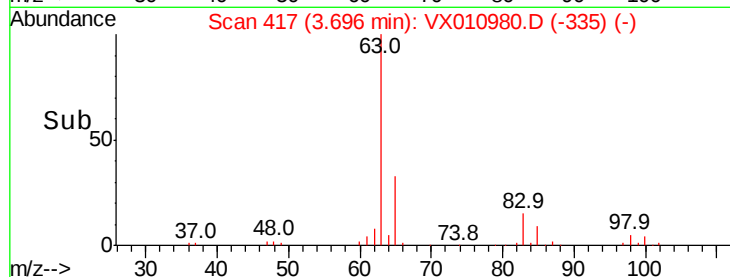
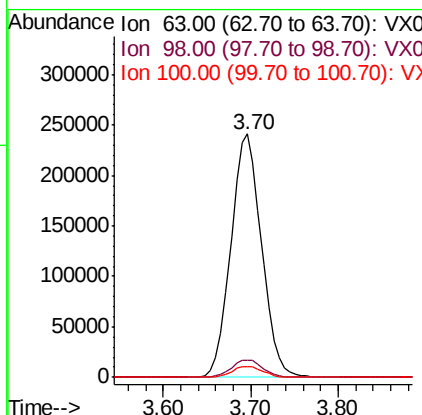
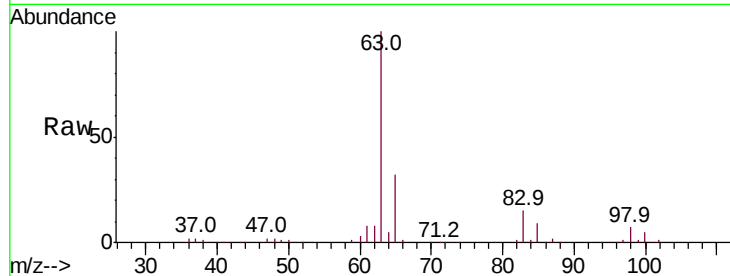
#21
1,1-Dichloroethane
Concen: 128.601 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
63	100	588151		
98	7.1		3.8	11.2
100	4.6		2.5	7.4

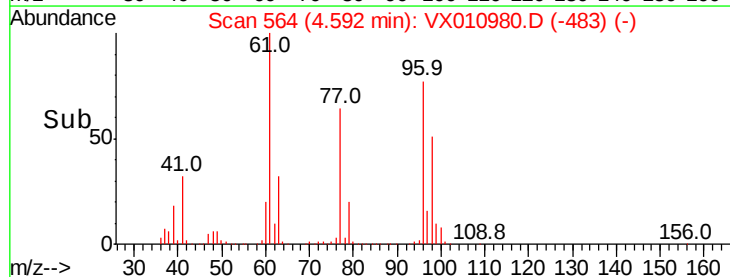
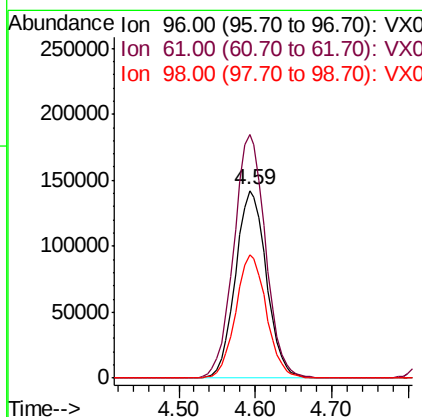
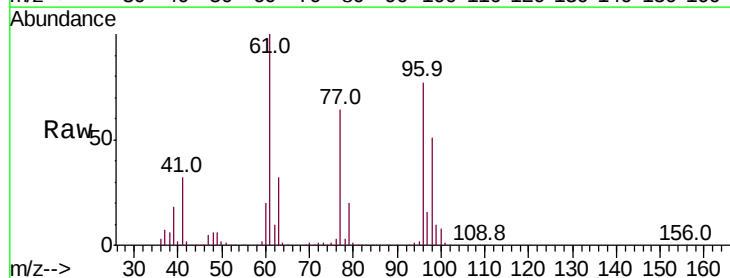
Manual Integrations
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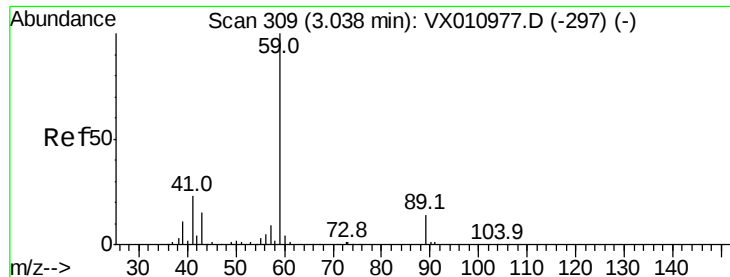
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#22
cis-1,2-Dichloroethene
Concen: 150.599 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	400590		
61	132.8		102.9	154.3
98	64.9		50.9	76.3





#23

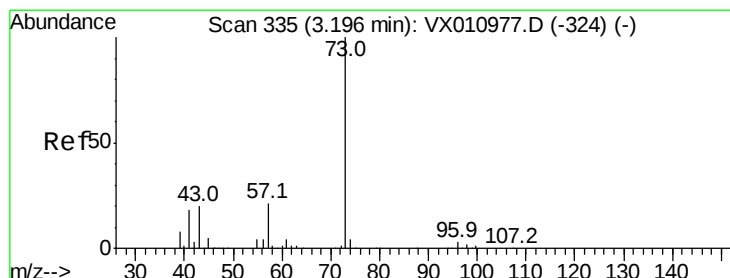
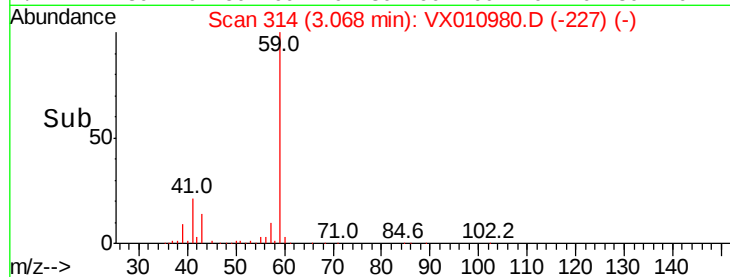
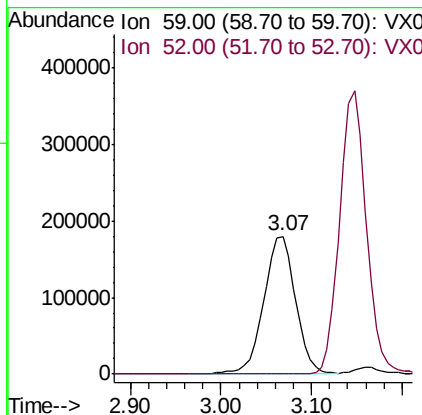
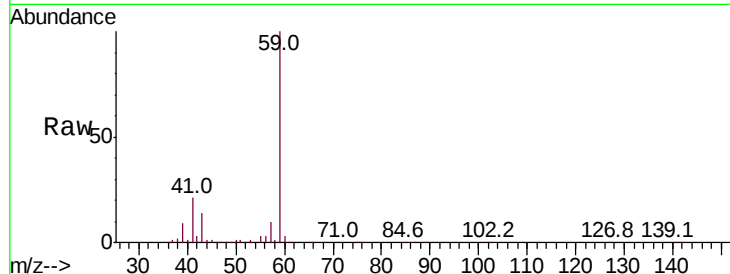
tert-Butyl Alcohol
Concen: 623.076 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.03 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 59 Resp: 438350
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.4#

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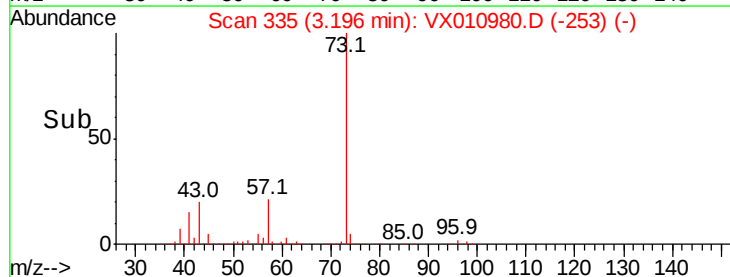
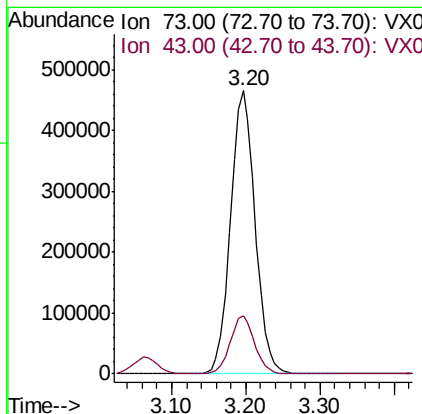
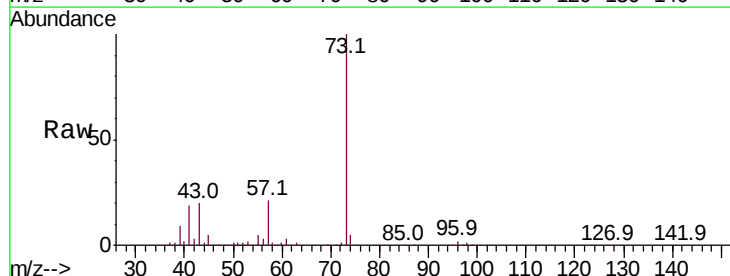
MMDadoda
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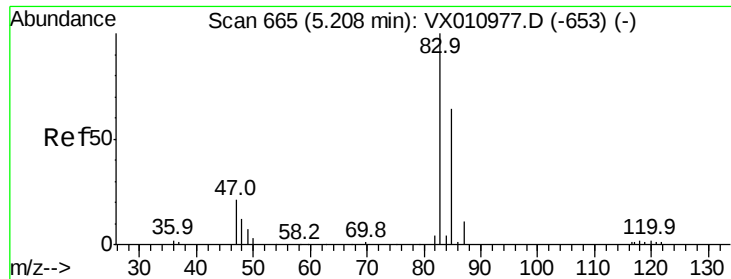


#24

Methyl tert-Butyl Ether
Concen: 135.807 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion: 73 Resp: 1075636
Ion Ratio Lower Upper
73 100
43 20.3 15.8 23.6





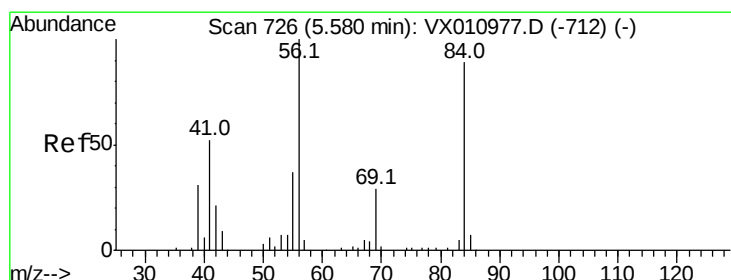
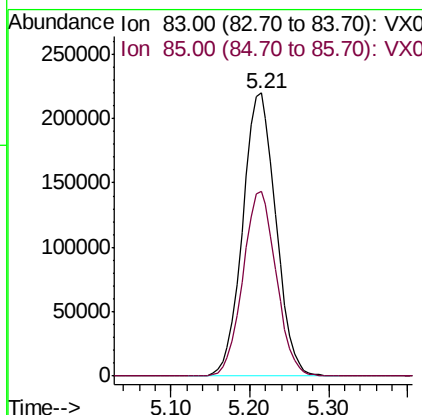
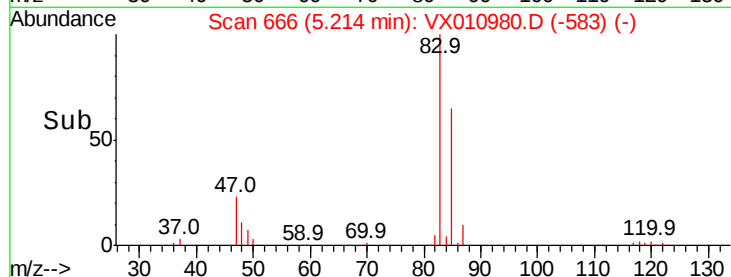
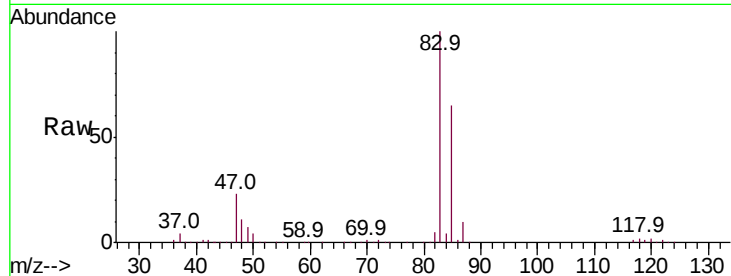
#25
Chloroform
Concen: 149.792 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 642875
Ion Ratio Lower Upper
83 100
85 65.4 50.9 76.3

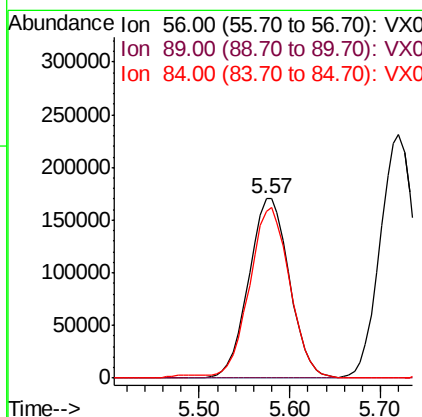
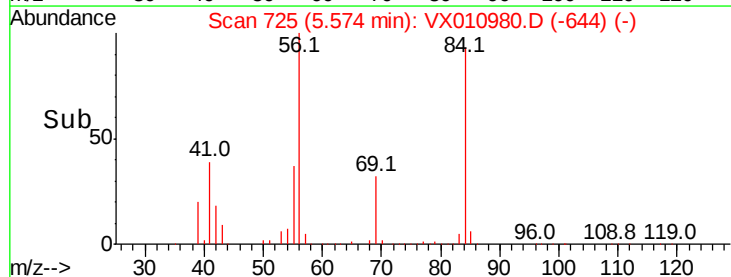
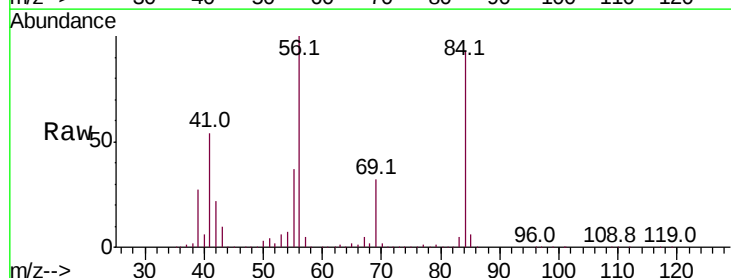
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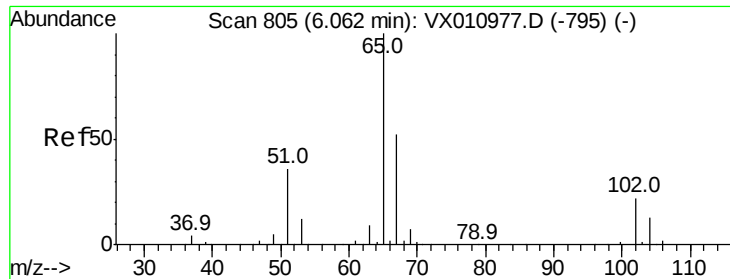
MMDadoda
7/19/2019 9:56:40 AM



#26
Cyclohexane
Concen: 125.029 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion: 56 Resp: 529906
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 94.2 73.0 109.4





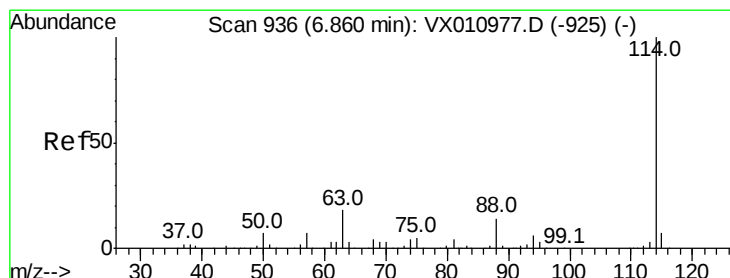
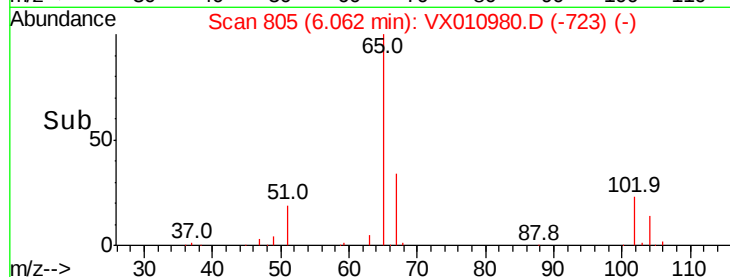
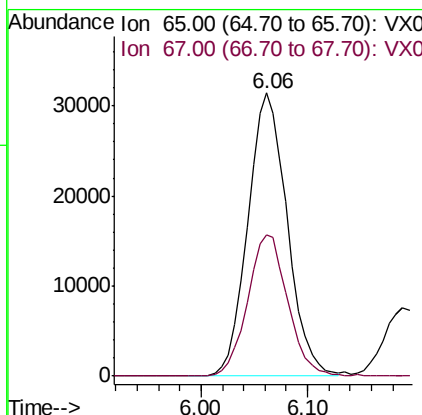
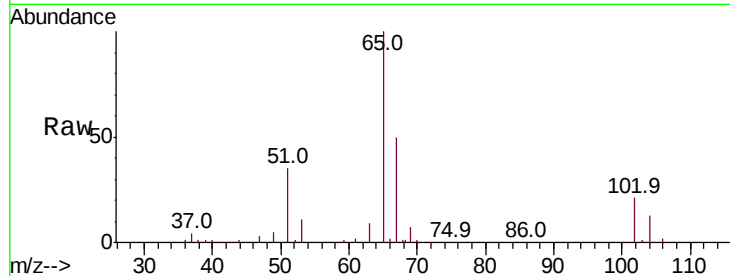
#27
 1,2-Dichloroethane-d4
 Concen: 26.822 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.7	41.7	62.5

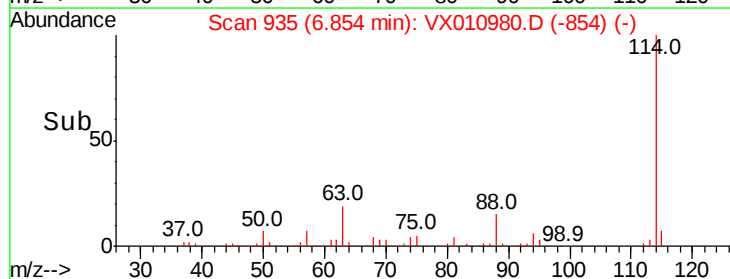
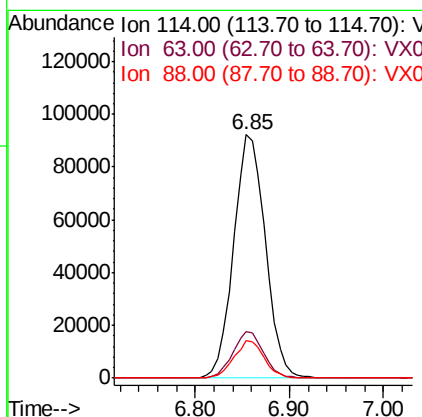
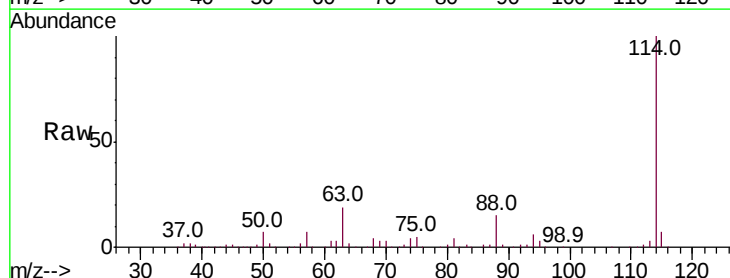
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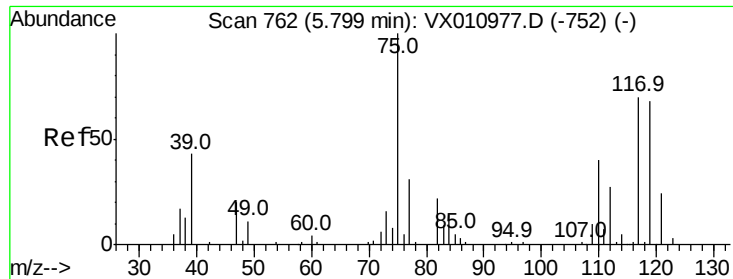
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.6	14.6	22.0
88	14.8	11.8	17.8





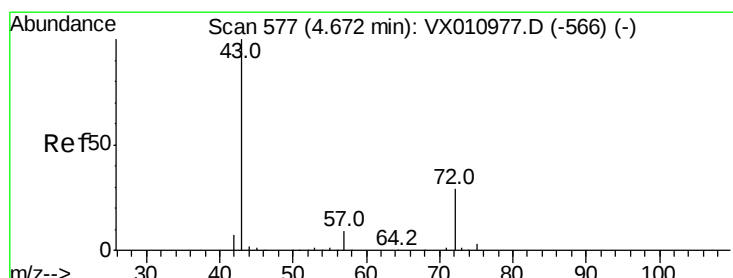
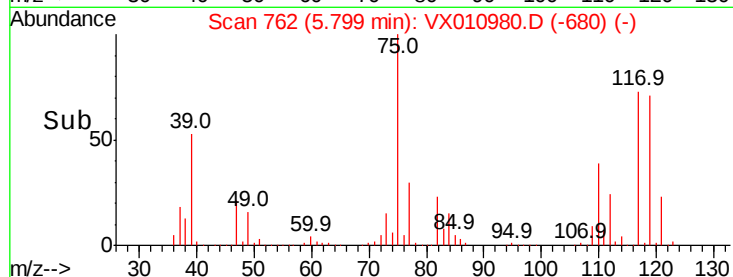
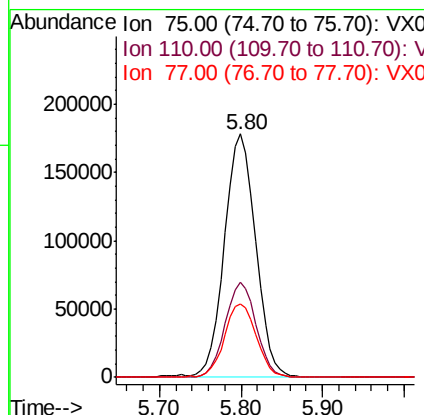
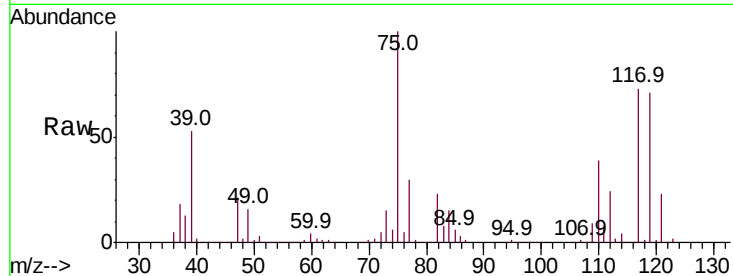
#29
 1,1-Dichloropropene
 Concen: 149.654 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
110	38.7	0.0	79.8
77	30.9	0.0	62.2

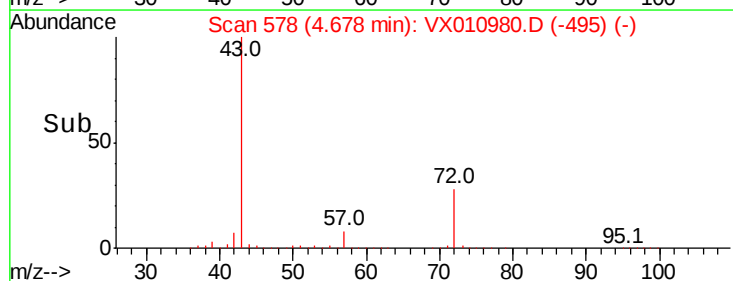
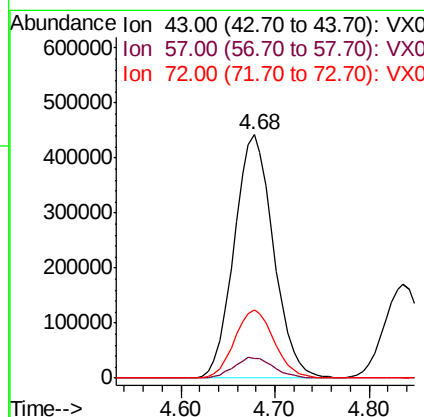
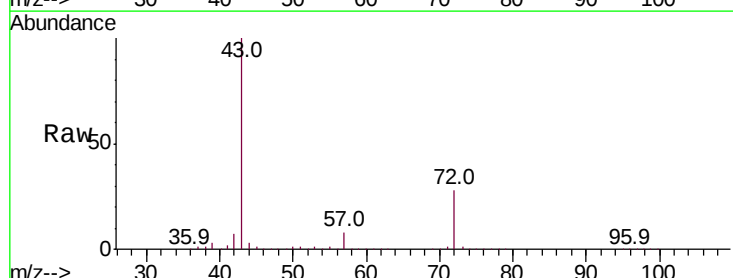
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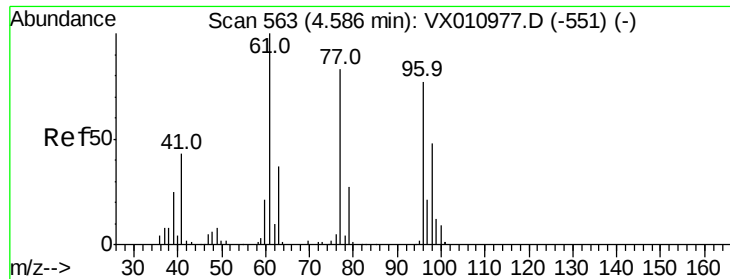
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#30
 2-Butanone
 Concen: 550.125 ug/l
 RT: 4.68 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.5	6.8	10.2
72	28.6	23.2	34.8





#31

2,2-Dichloropropane

Concen: 127.976 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 77 Resp: 426006

Ion Ratio Lower Upper

77 100

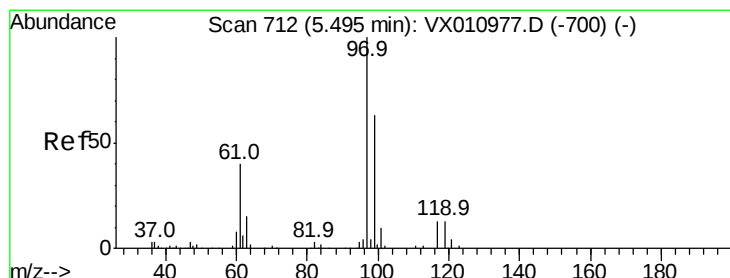
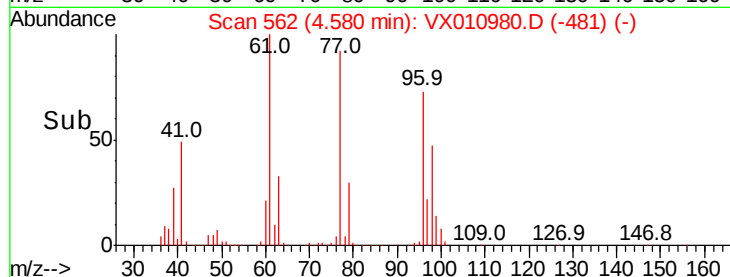
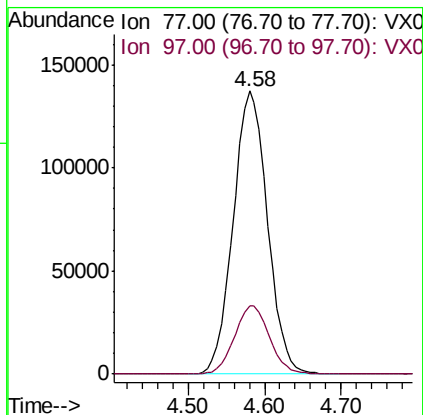
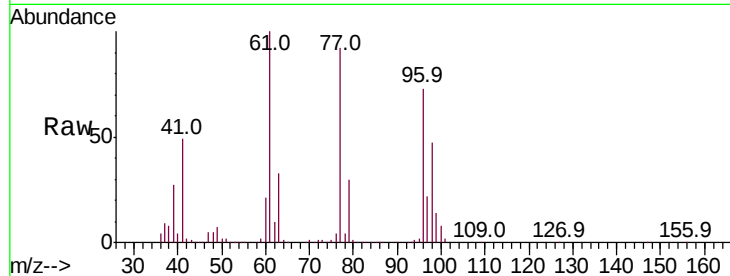
97 24.7 20.9 31.3

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#32

1,1,1-Trichloroethane

Concen: 170.608 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

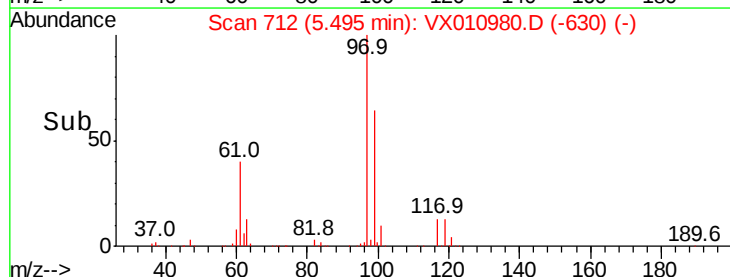
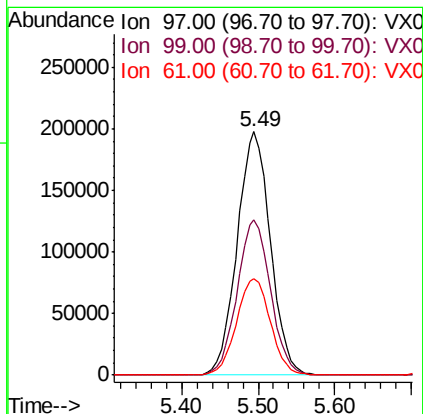
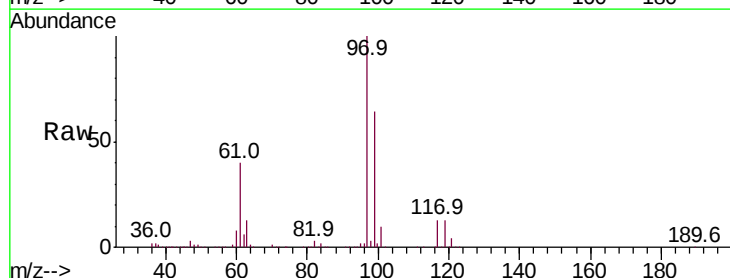
Tgt Ion: 97 Resp: 595929

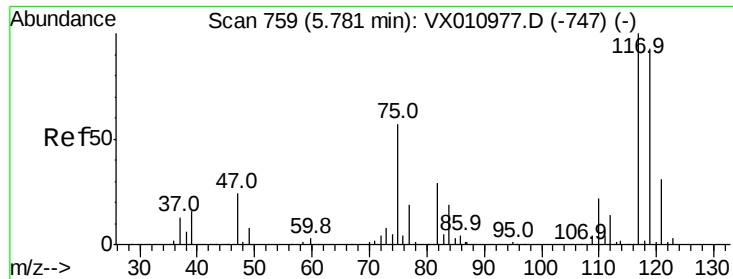
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.6

61 40.6 34.3 51.5





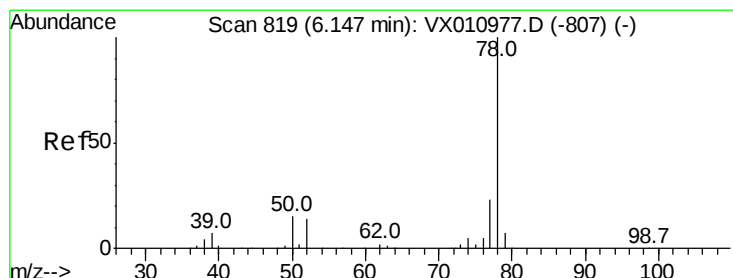
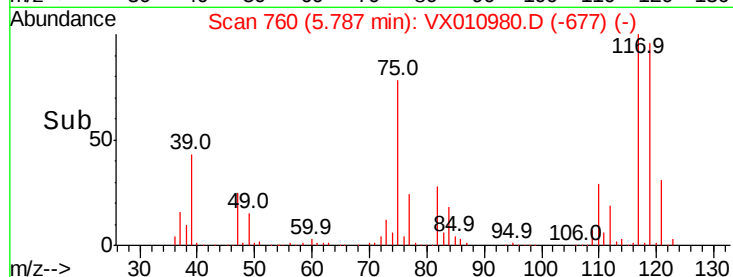
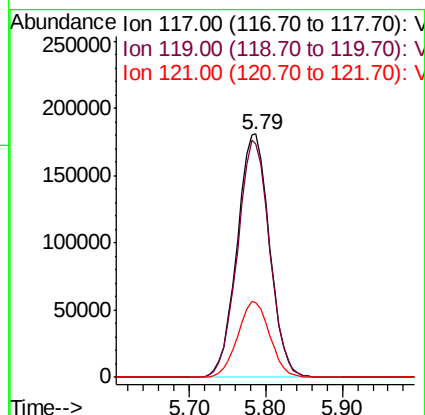
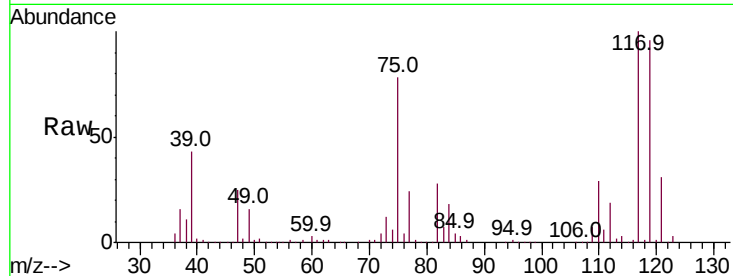
#33
Carbon Tetrachloride
Concen: 182.362 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.9	74.3	111.5
121	30.7	24.9	37.3

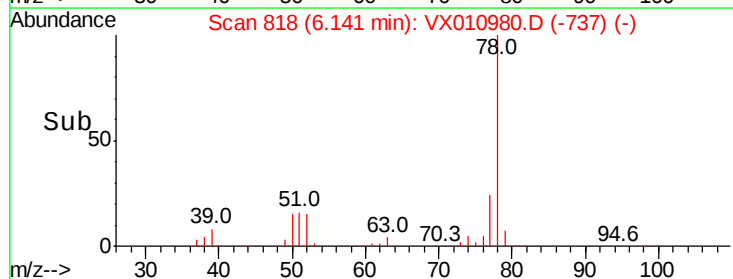
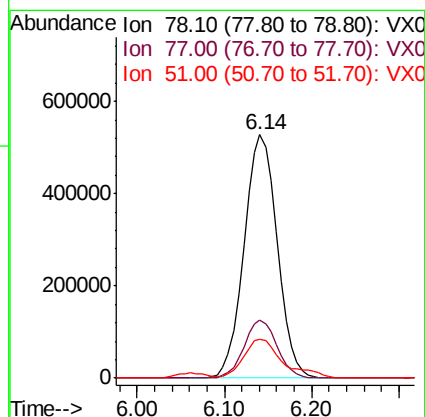
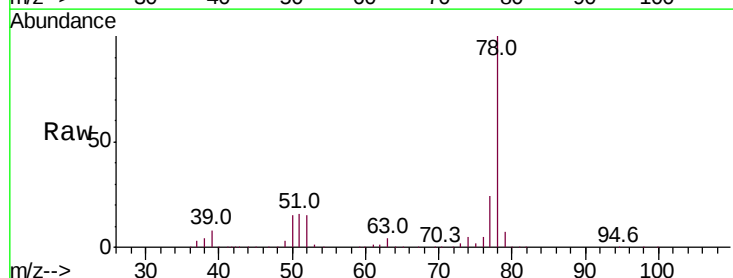
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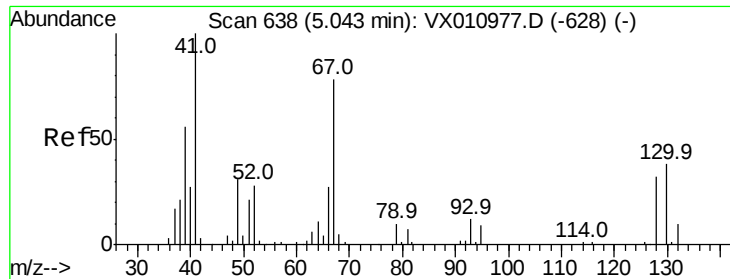
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#34
Benzene
Concen: 143.573 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.2	27.4
51	15.9	11.4	17.2





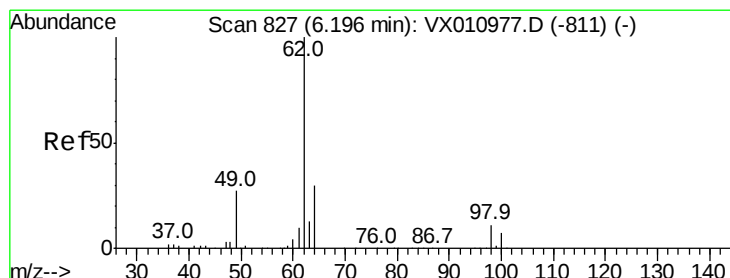
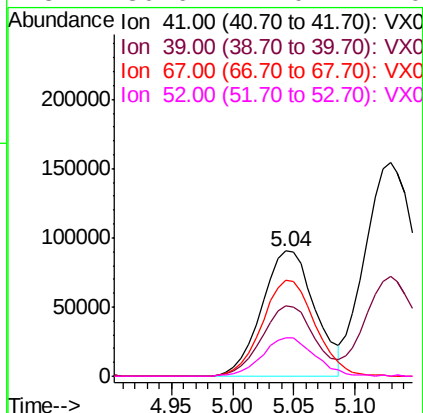
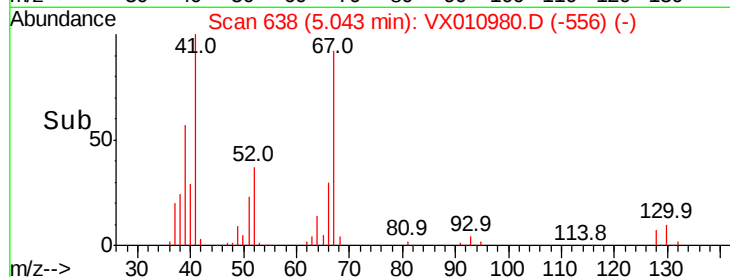
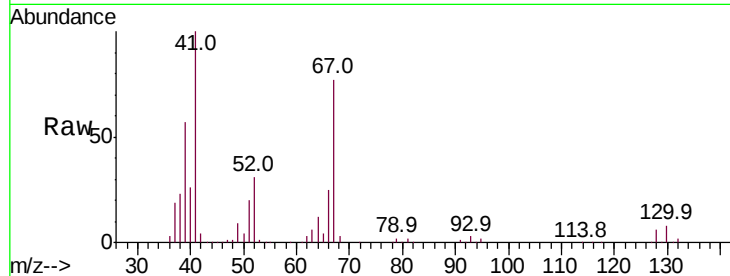
#35
Methacrylonitrile
Concen: 113.471 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.5	27.6	82.8
67	76.9	39.1	117.2
52	30.6	14.0	42.0

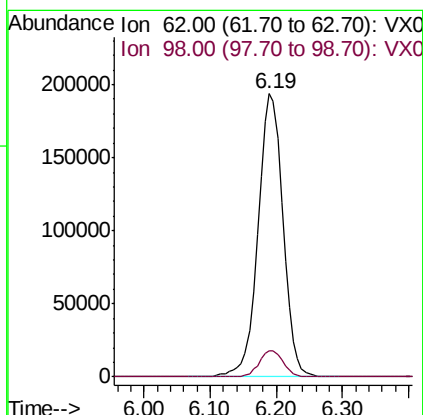
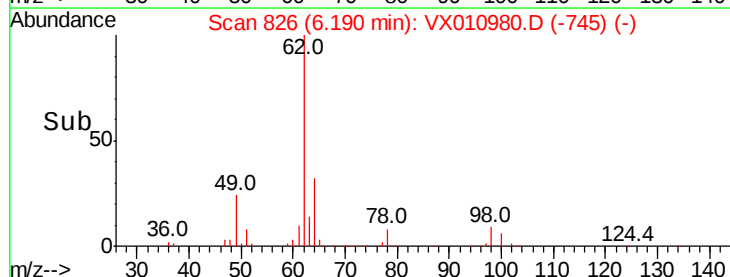
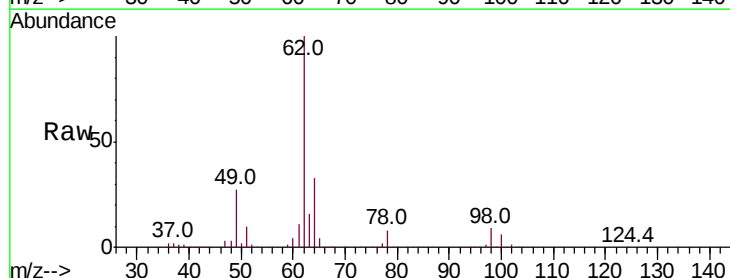
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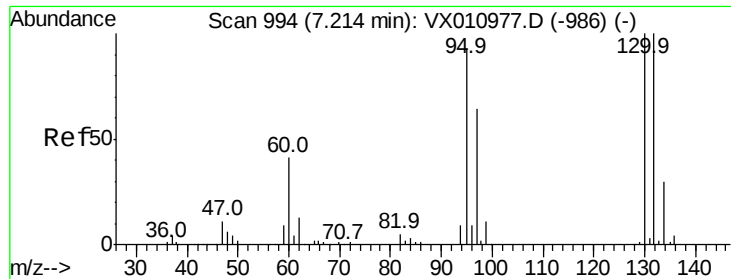
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#36
1,2-Dichloroethane
Concen: 145.785 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	8.0	12.0





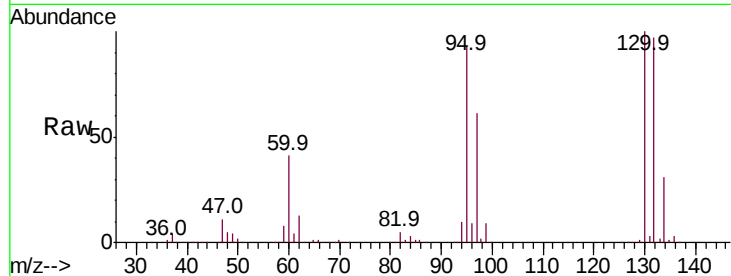
#37
 Trichloroethene
 Concen: 169.005 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

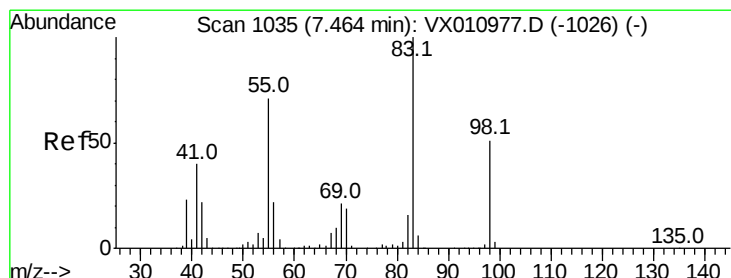
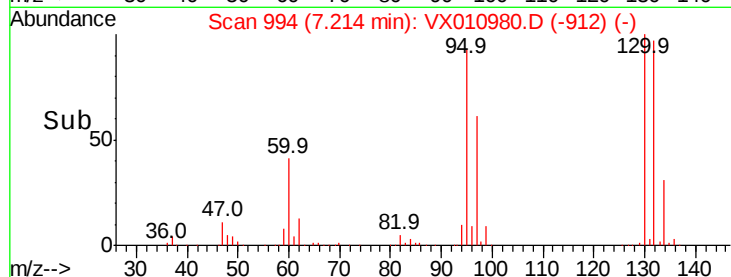
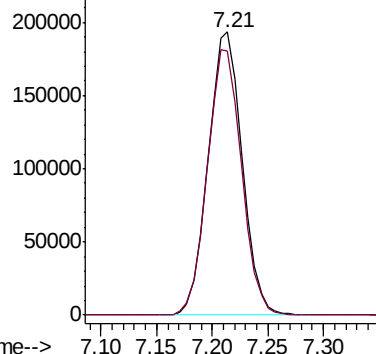
Tot Ion:130 Resp: 409834
 Ion Ratio Lower Upper
 130 100
 95 93.2 74.1 111.1

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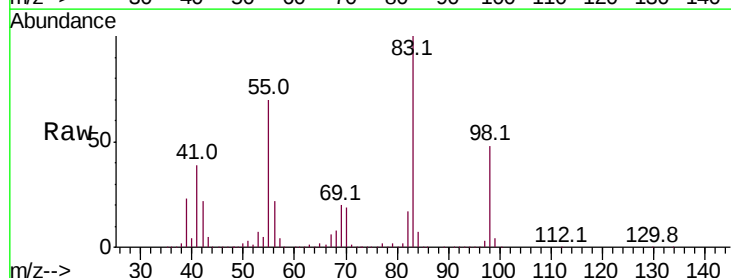


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

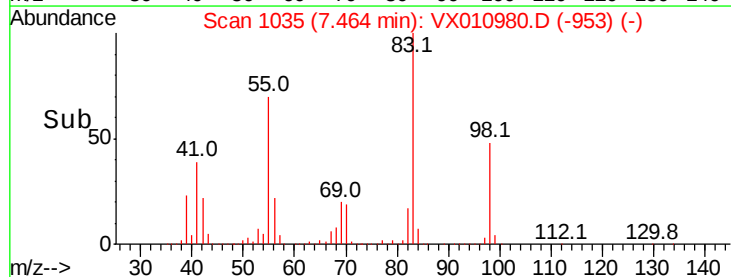
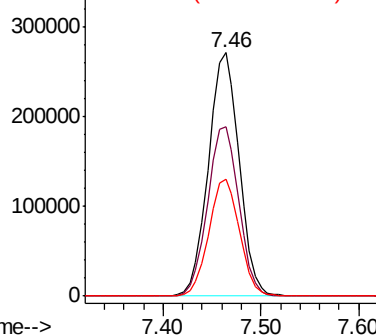


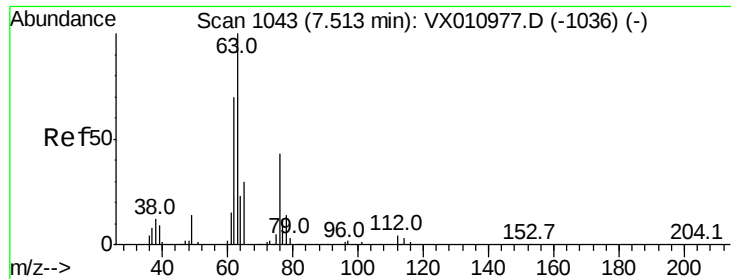
#38
 Methylcyclohexane
 Concen: 150.861 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Tgt Ion: 83 Resp: 591637
 Ion Ratio Lower Upper
 83 100
 55 70.5 35.3 105.9
 98 48.2 24.0 72.0



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





#39

1,2-Dichloropropane

Concen: 129.944 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 63 Resp: 350345

Ion Ratio Lower Upper

63 100

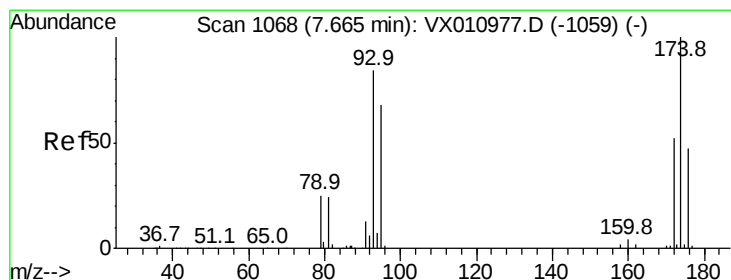
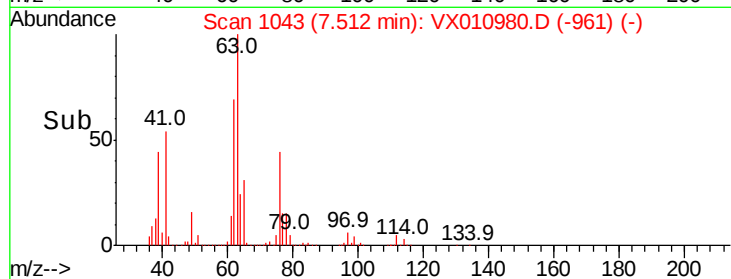
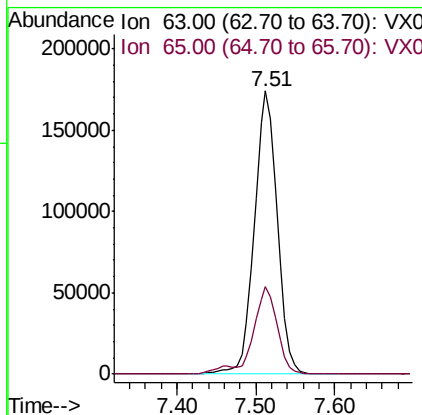
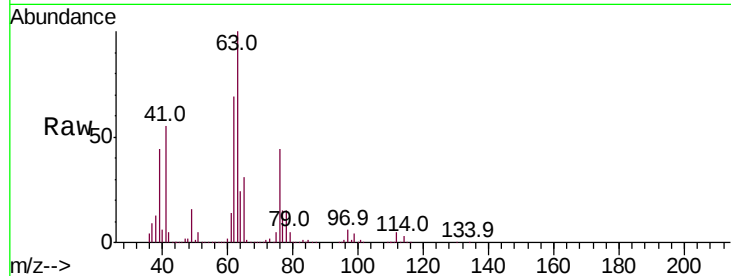
65 30.7 25.6 38.4

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#40

Dibromomethane

Concen: 164.478 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

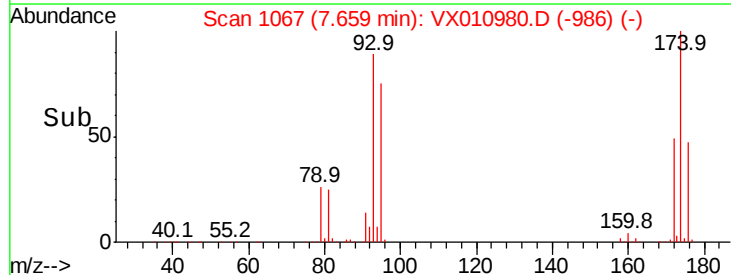
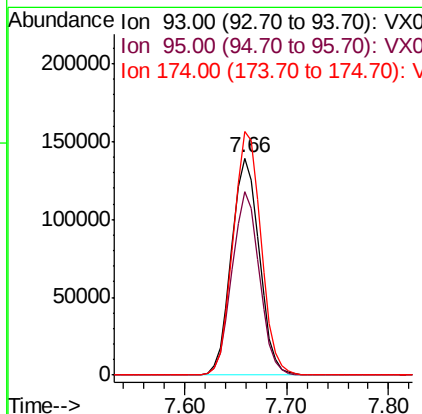
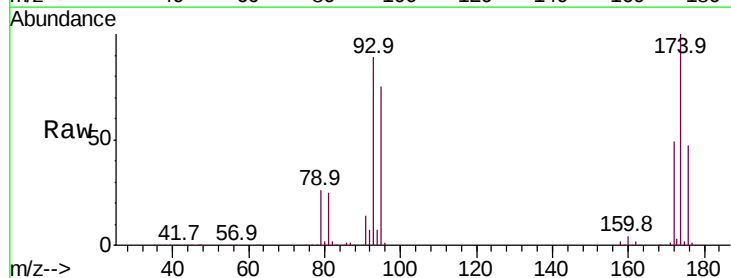
Tgt Ion: 93 Resp: 263543

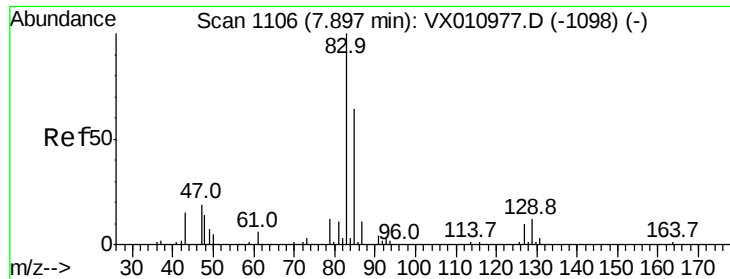
Ion Ratio Lower Upper

93 100

95 82.8 0.0 166.0

174 112.0 0.0 229.2





#41

Bromodichloromethane

Concen: 160.585 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

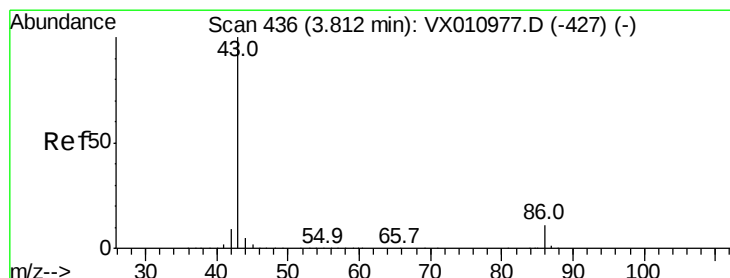
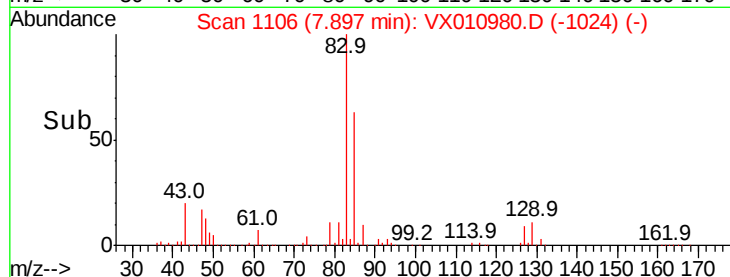
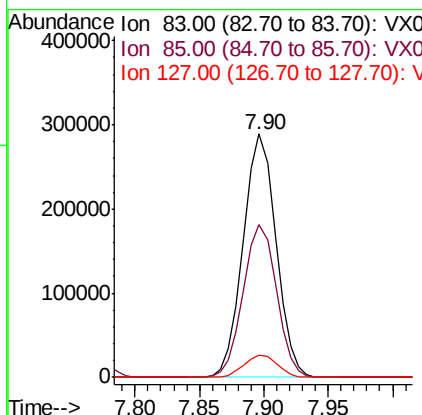
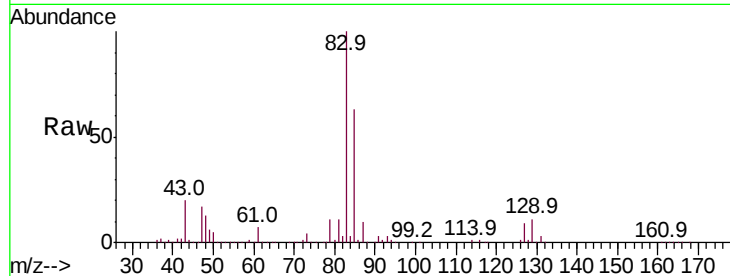
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	511040
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.9	76.3
127	9.2	7.7	11.5

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#42

Vinyl Acetate

Concen: 558.501 ug/l

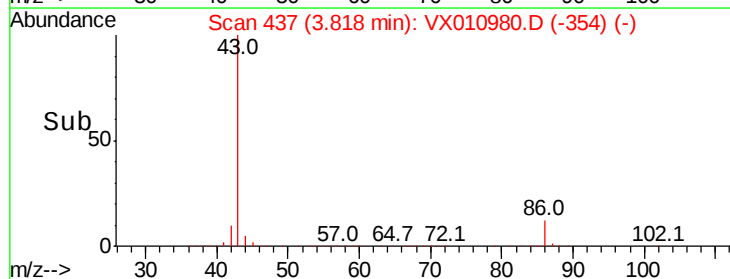
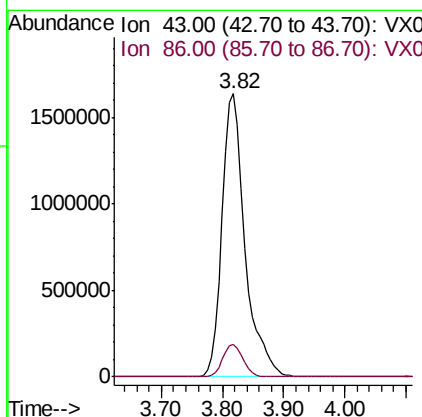
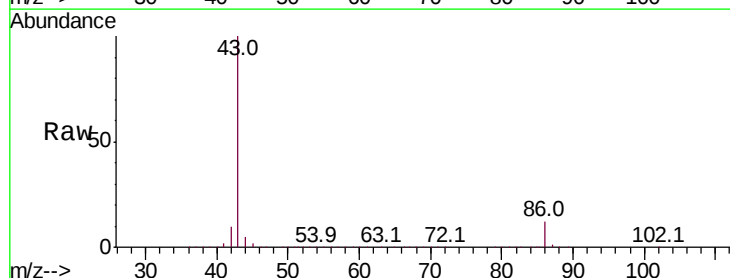
RT: 3.82 min Scan# 437

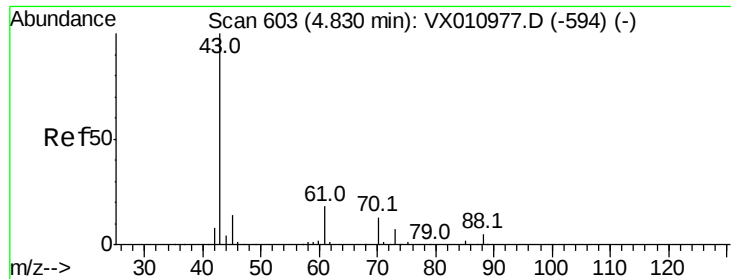
Delta R.T. 0.01 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Tgt Ion:	43	Resp:	4269253
Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.2	12.2





#43

Ethyl Acetate

Concen: 116.486 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 489689

Ion Ratio Lower Upper

43 100

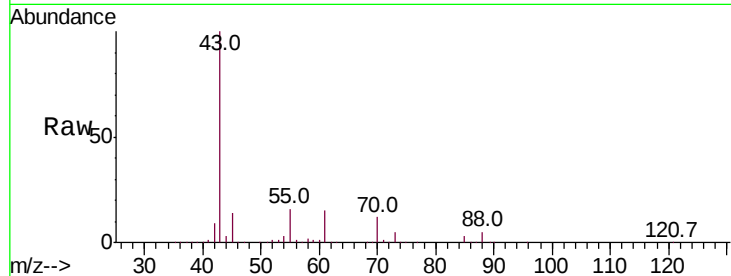
45 14.9 12.1 18.1

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

400000

300000

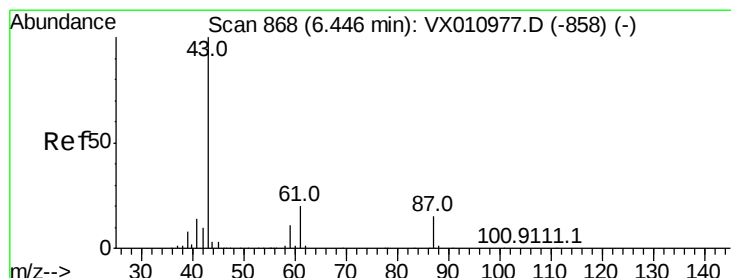
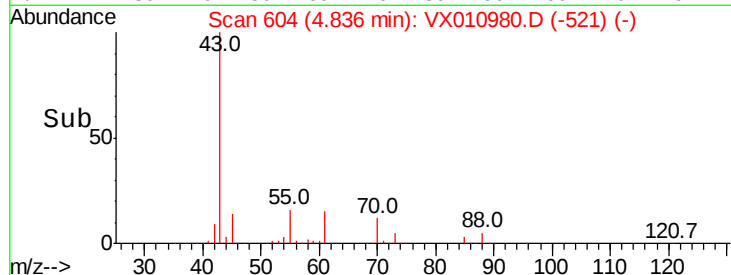
200000

100000

0

4.70 4.80 4.90

Time-->



#44

Isopropyl Acetate

Concen: 119.785 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010980.D

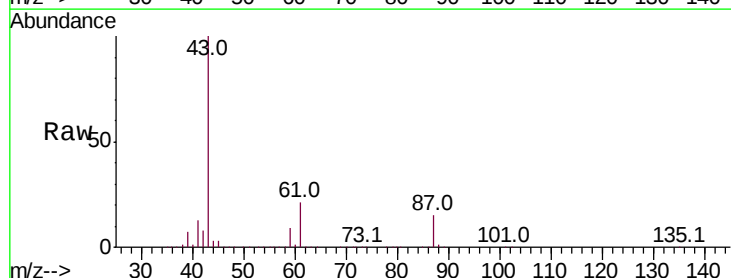
Acq: 18 Jul 2019 23:55

Tgt Ion: 43 Resp: 825234

Ion Ratio Lower Upper

43 100

61 20.8 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

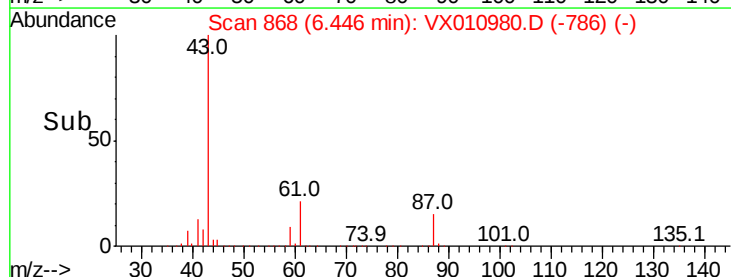
200000

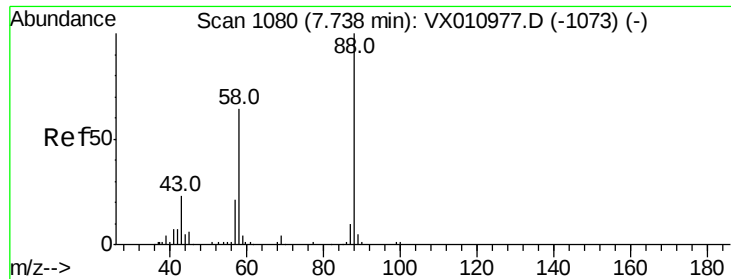
100000

0

6.30 6.40 6.50

Time-->





#45

1,4-Dioxane

Concen: 2763.211 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

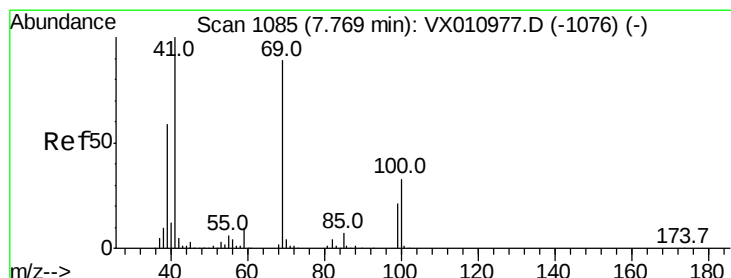
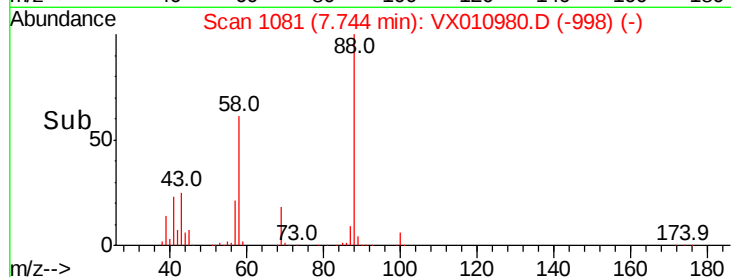
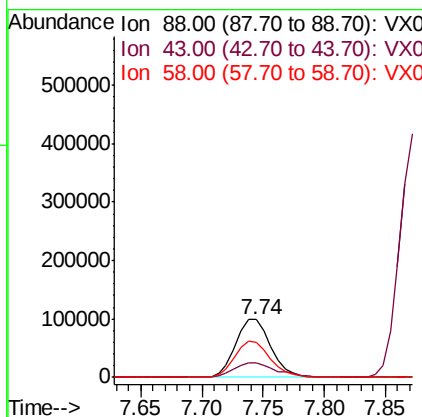
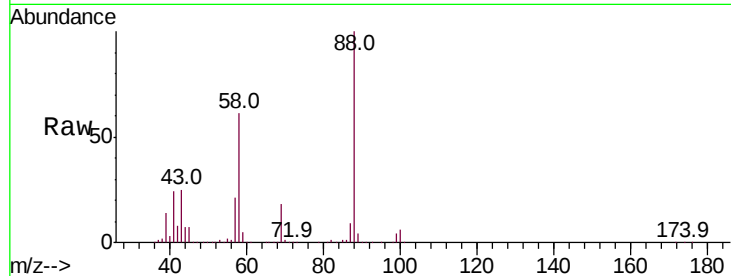
ClientSampleId :

VSTDIC150

Tot Ion:	88	Resp:	197495
Ion	Ratio	Lower	Upper
88	100		
43	29.6	21.6	32.4
58	63.9	52.2	78.2

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#46

Methyl methacrylate

Concen: 120.457 ug/l

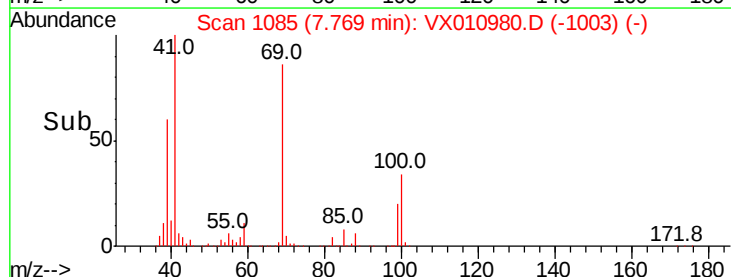
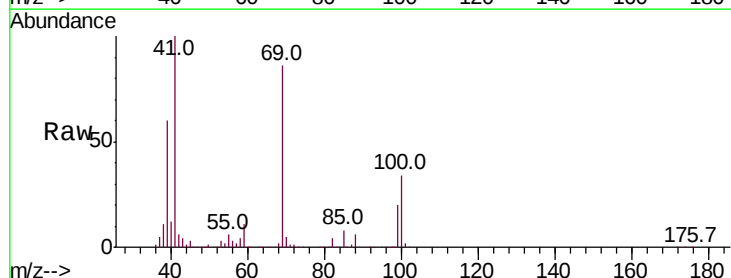
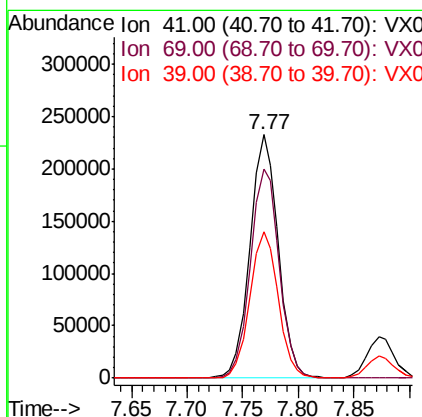
RT: 7.77 min Scan# 1085

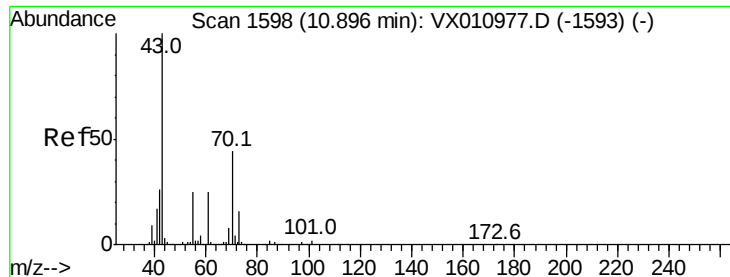
Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Tgt Ion:	41	Resp:	411089
Ion	Ratio	Lower	Upper
41	100		
69	85.7	44.7	134.1
39	60.3	29.4	88.2





#47

n-amvl Acetate

Concen: 125.959 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 780676

Ion Ratio Lower Upper

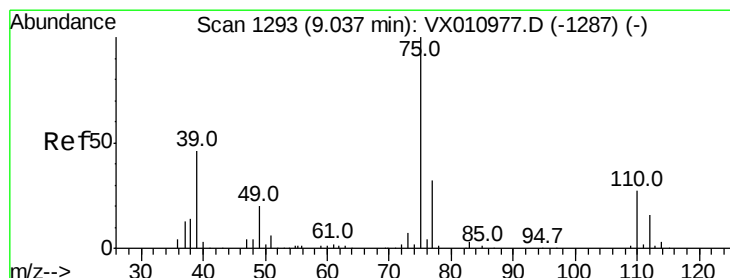
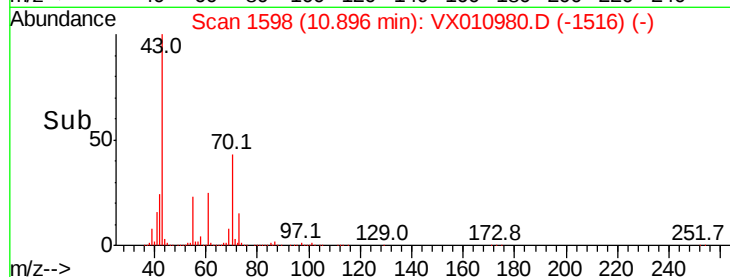
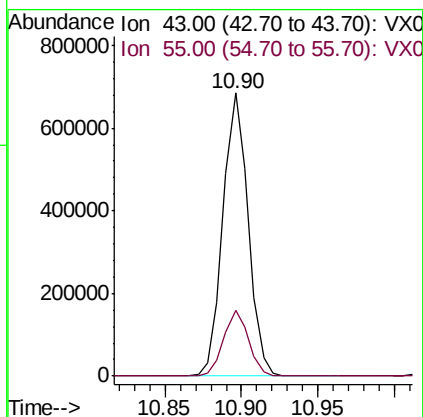
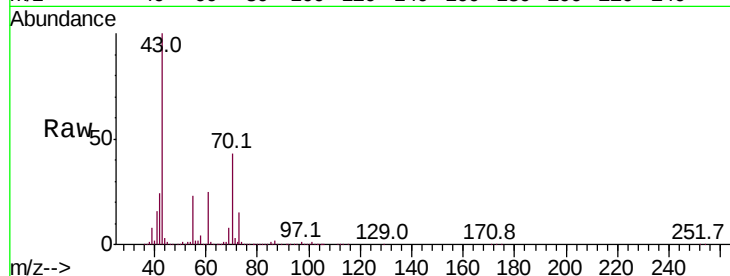
43 100

55 23.3 19.6 29.4

Manual Integrations
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MMDadoda

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#48

t-1,3-Dichloropropene

Concen: 154.334 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010980.D

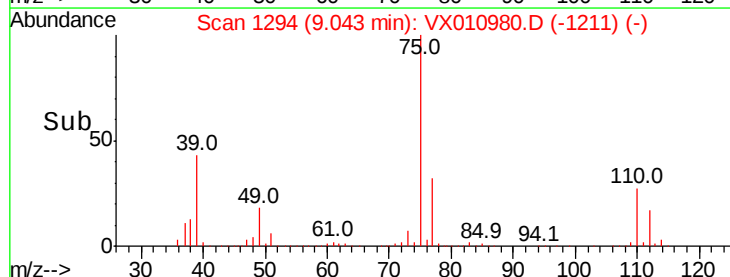
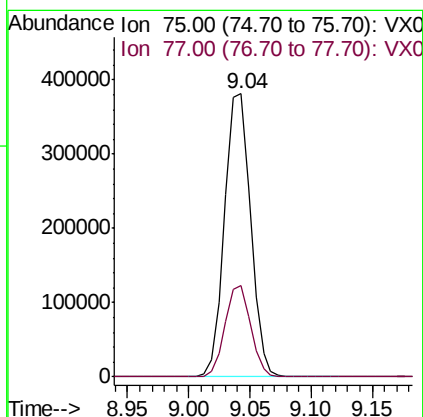
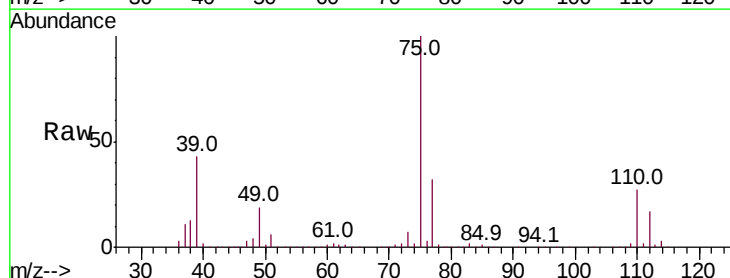
Acq: 18 Jul 2019 23:55

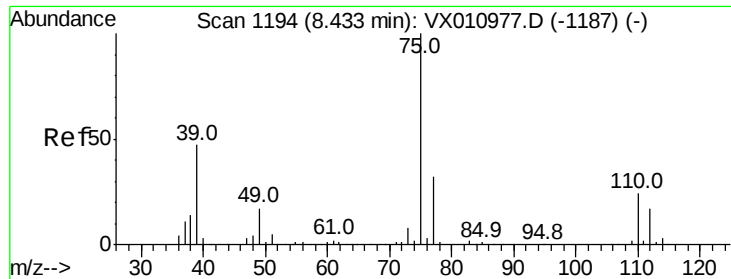
Tgt Ion: 75 Resp: 563341

Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5





#49

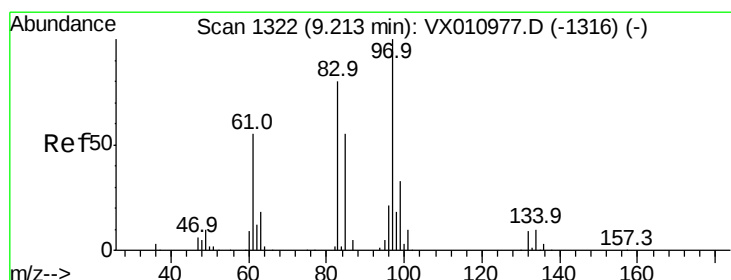
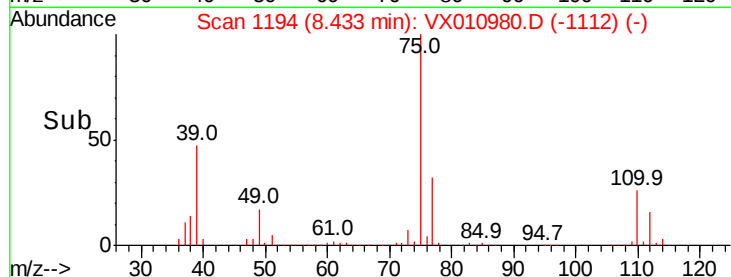
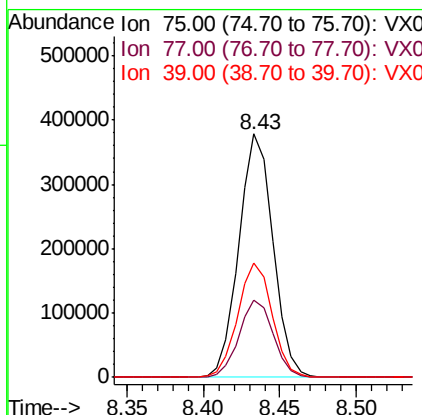
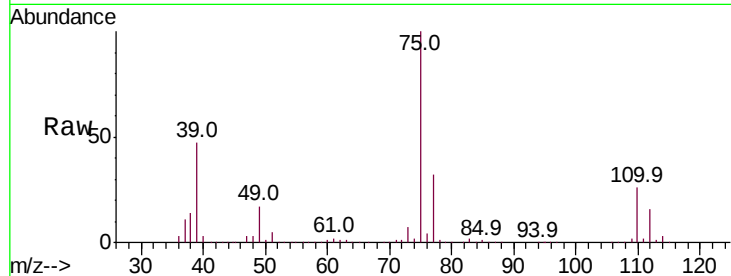
cis-1,3-Dichloropropene
Concen: 145.794 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.3	37.9
39	46.9	37.8	56.6

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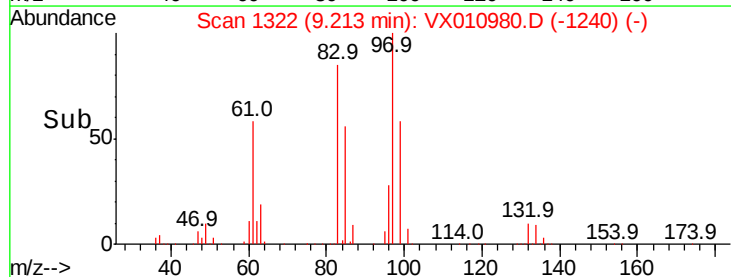
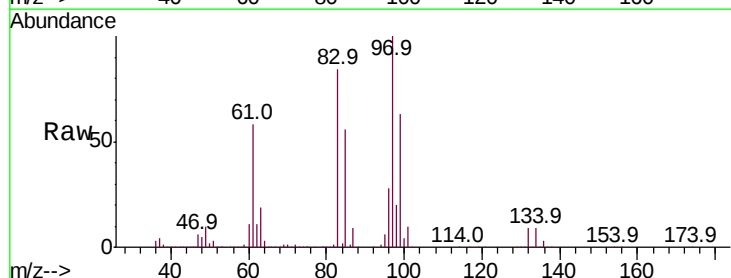
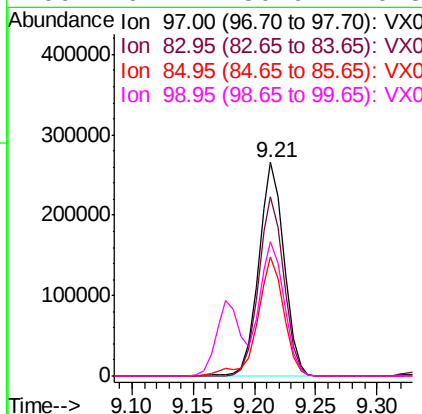
MMDadoda
7/19/2019 9:56:40 AM

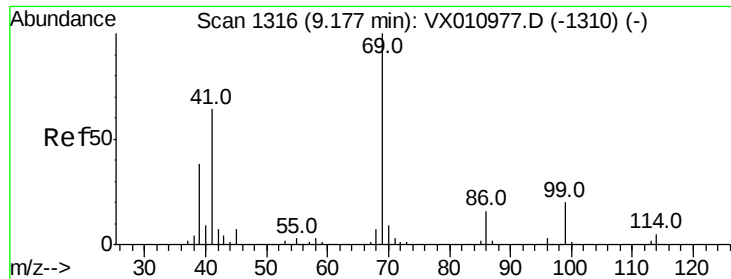


#50

1,1,2-Trichloroethane
Concen: 158.266 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.1	63.9	95.9
85	55.6	43.4	65.2
99	62.7	50.9	76.3





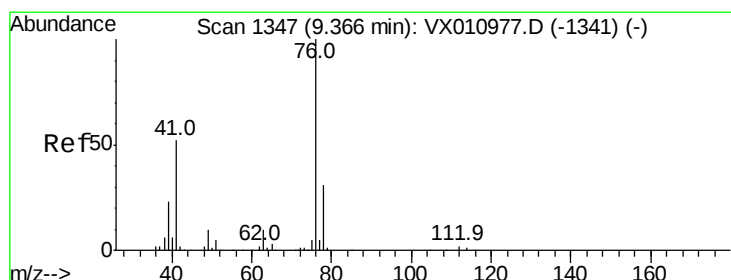
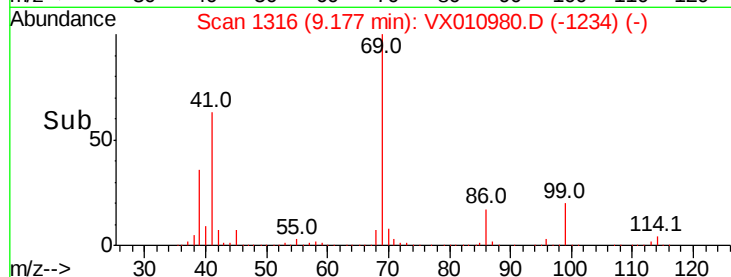
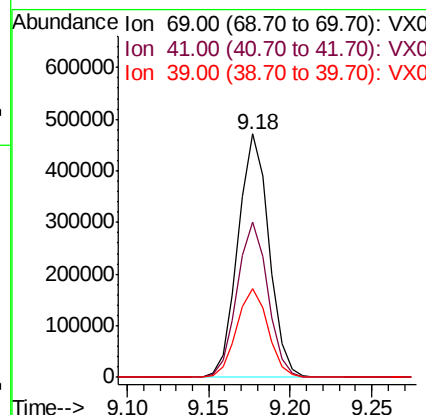
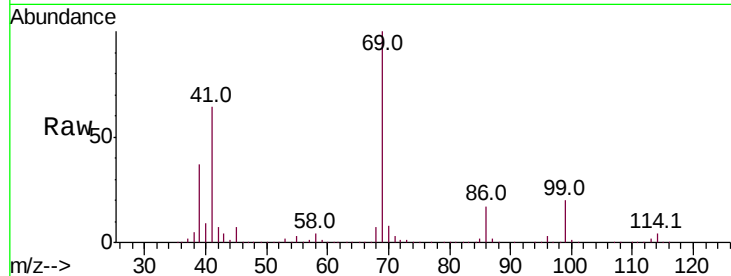
#51
Ethyl methacrylate
Concen: 143.998 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
69	100		
41	63.8	32.1	96.3
39	36.6	19.1	57.3

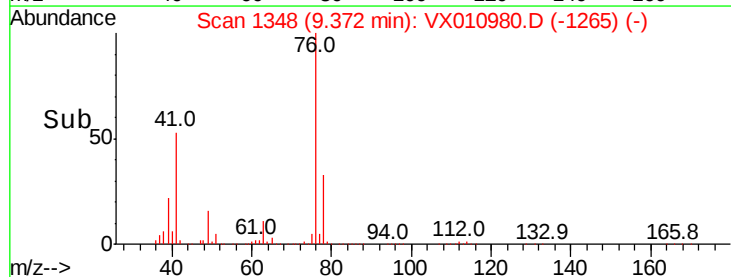
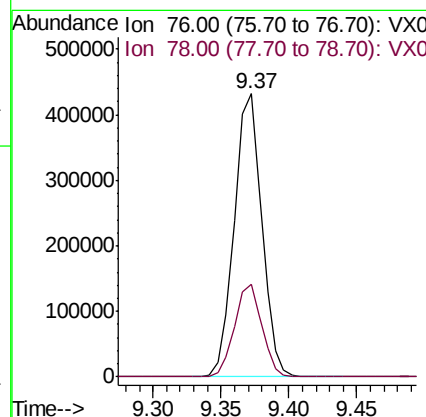
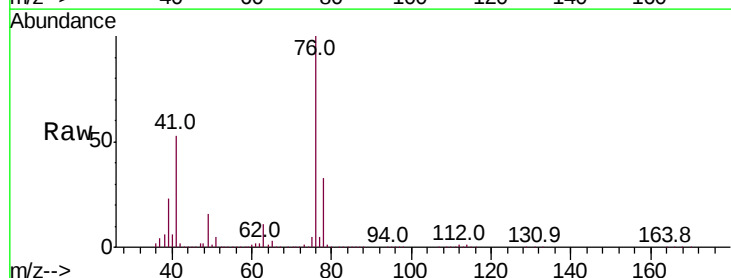
Manual Integrations
APPROVED

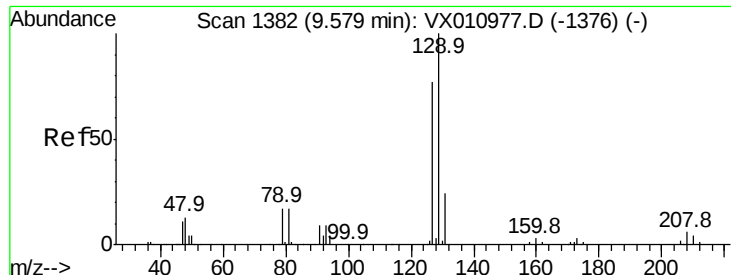
MMDadoda
7/19/2019 9:56:40 AM



#52
1,3-Dichloropropane
Concen: 143.748 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. 0.01 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	63.8





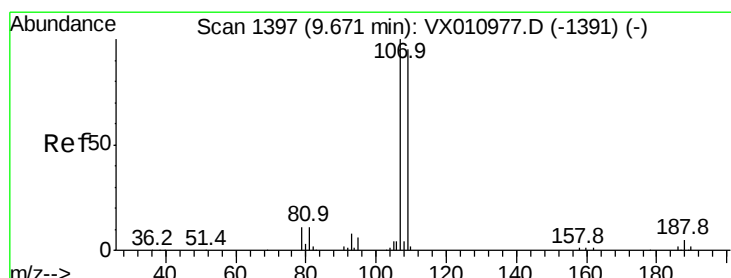
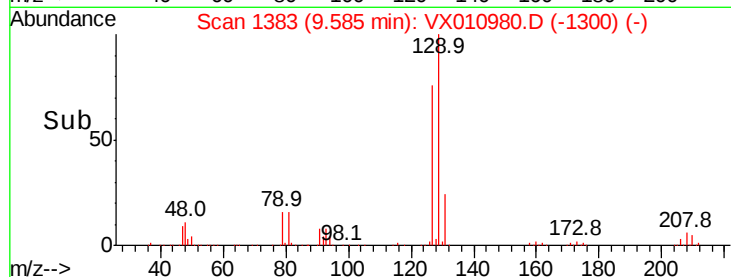
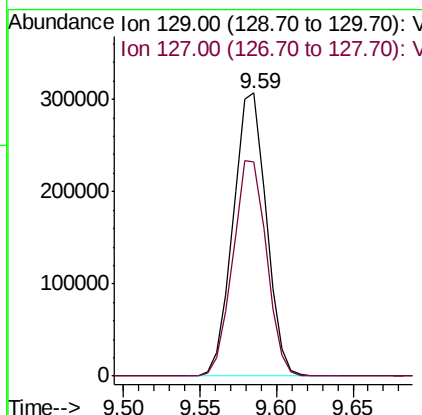
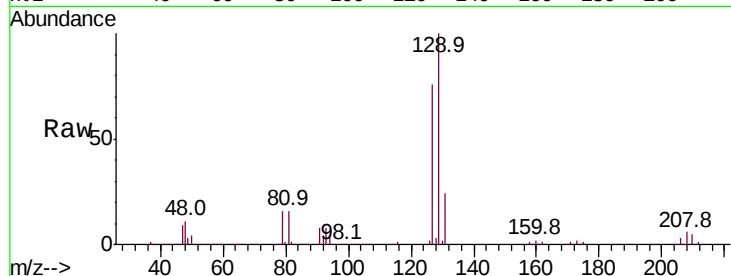
#53
Dibromochloromethane
Concen: 188.724 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.1	114.3

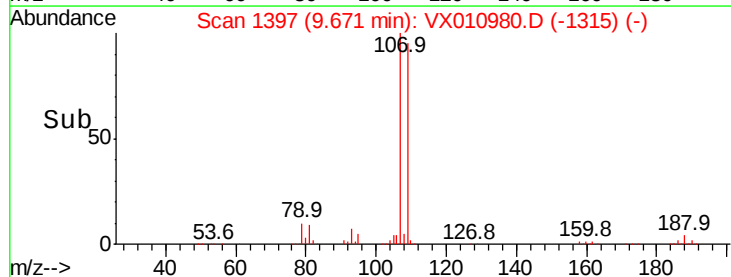
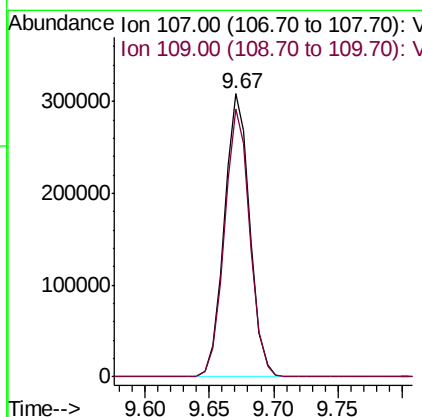
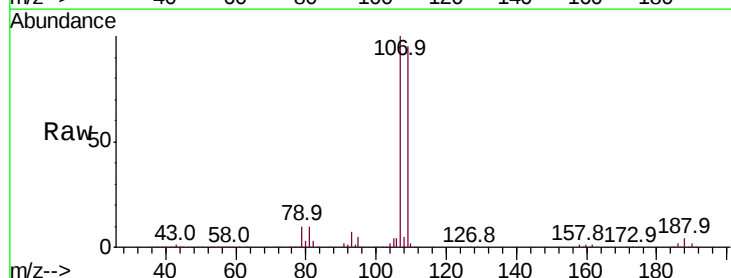
Manual Integrations
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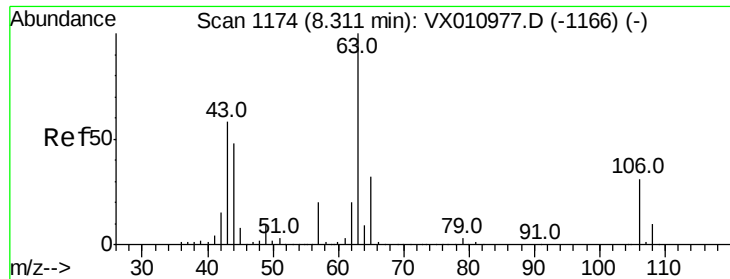
MMDadoda
7/19/2019 9:56:40 AM



#54
1,2-Dibromoethane
Concen: 170.009 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.4	77.1	115.7





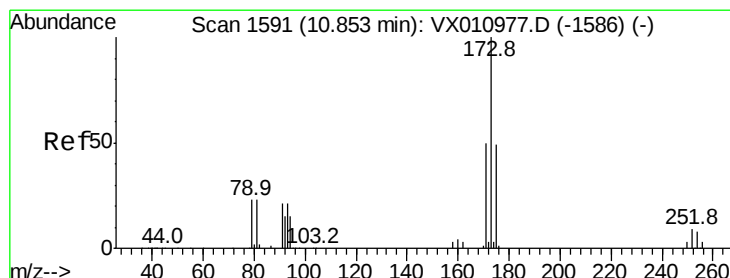
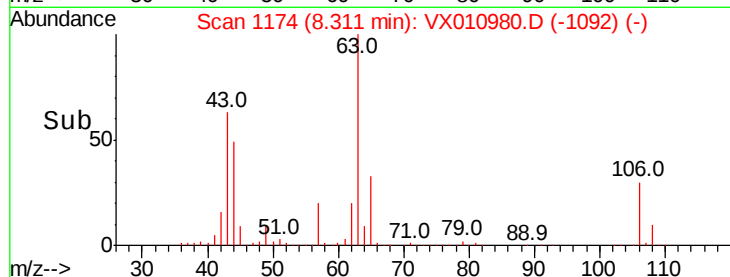
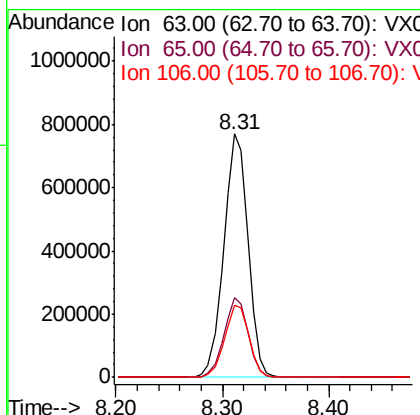
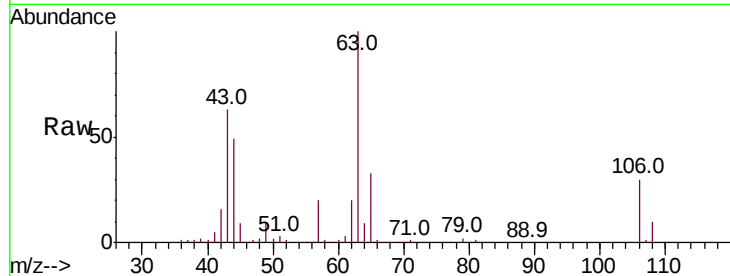
#55
2-Chloroethyl vinyl ether
Concen: 550.345 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 63 Resp: 1220446
Ion Ratio Lower Upper
63 100
65 32.5 25.7 38.5
106 30.1 24.8 37.2

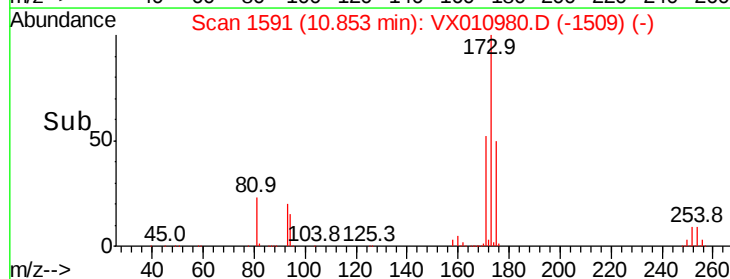
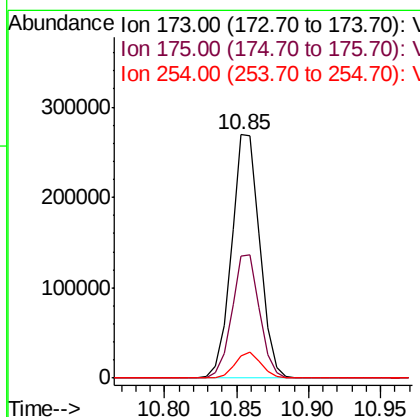
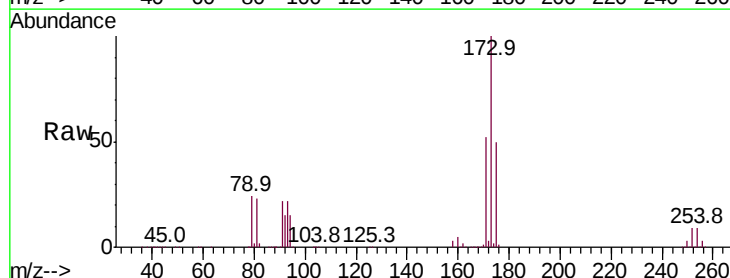
Manual Integrations
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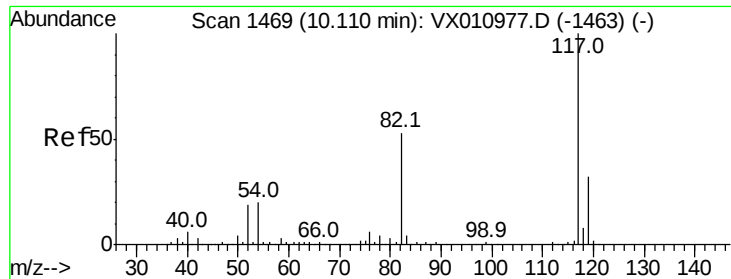
MMDadoda
7/19/2019 9:56:40 AM



#56
Bromoform
Concen: 197.932 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion: 173 Resp: 368984
Ion Ratio Lower Upper
173 100
175 49.3 39.0 58.6
254 10.0 7.9 11.9





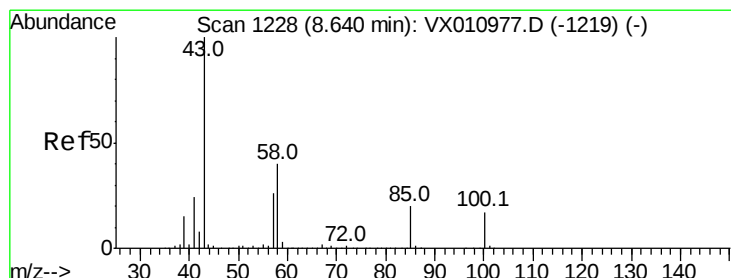
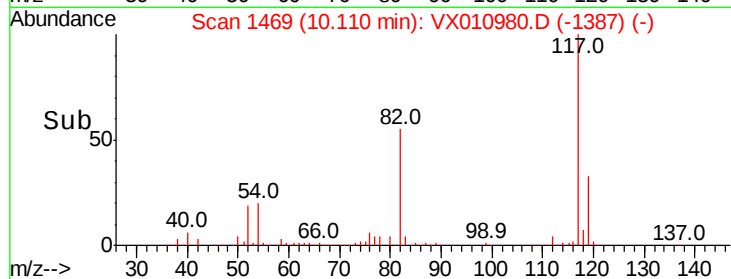
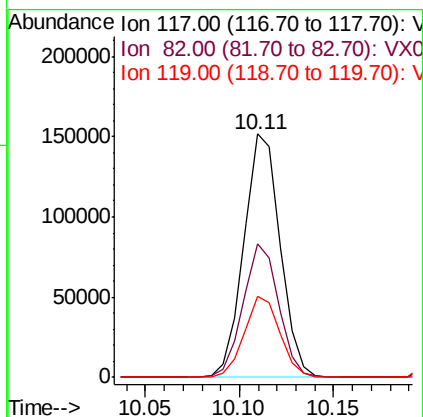
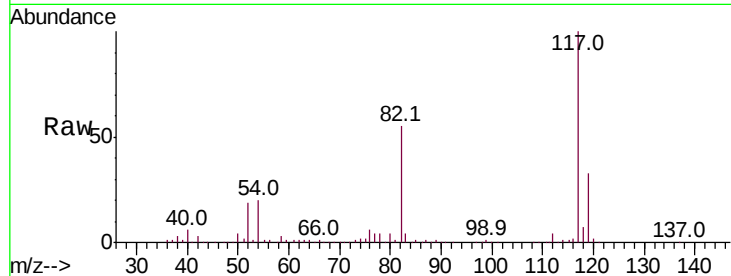
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	41.6	62.4
119	32.7	26.0	39.0

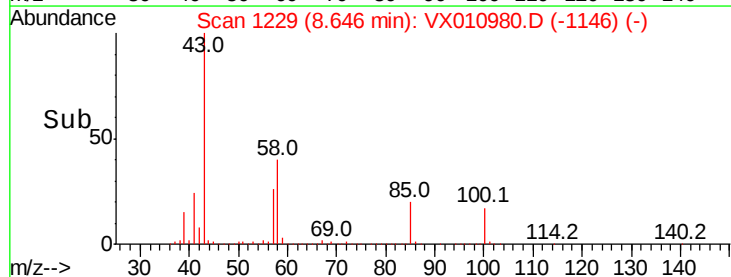
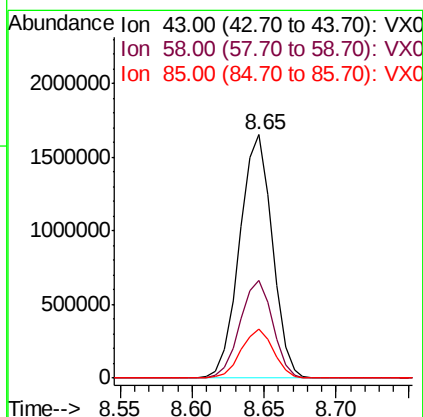
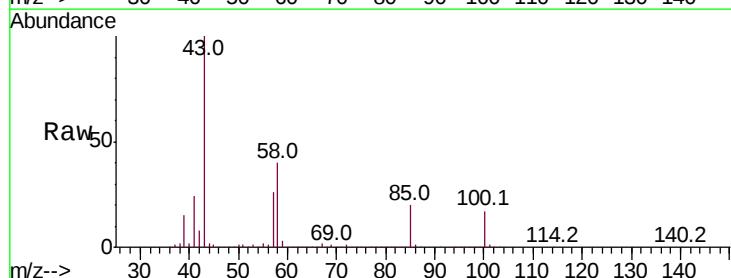
Manual Integrations
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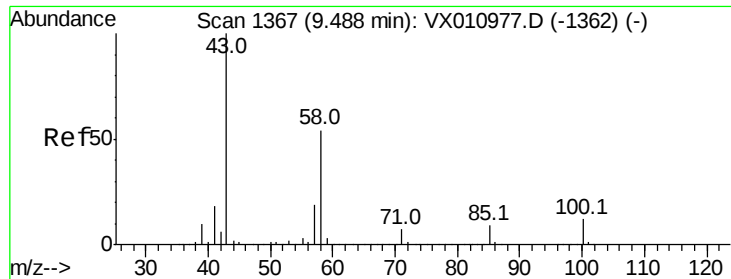
MMDadoda
7/19/2019 9:56:40 AM



#58
4-Methyl-2-Pentanone
Concen: 555.044 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.3	32.6	48.8
85	19.9	15.8	23.6





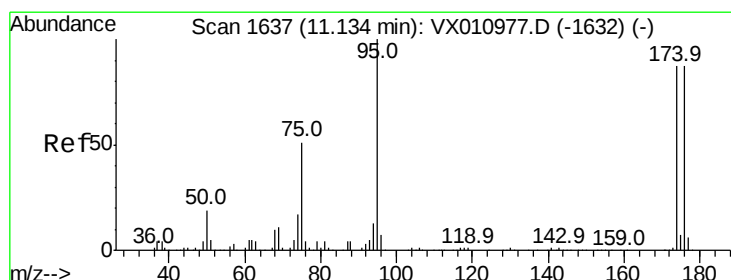
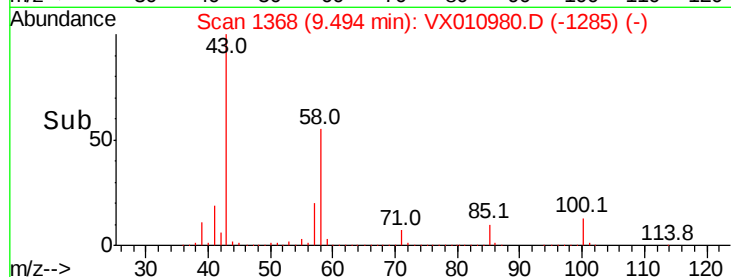
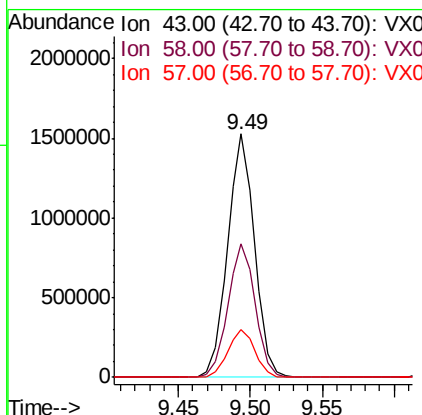
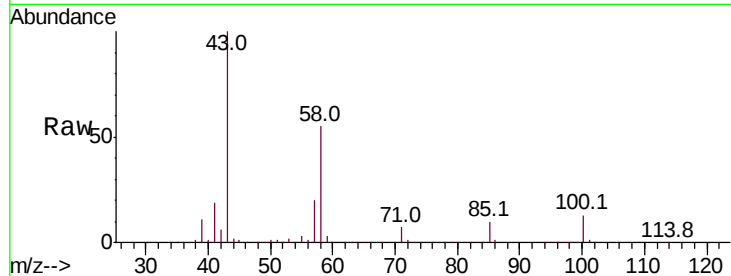
#59
2-Hexanone
Concen: 544.764 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2000123
Ion Ratio Lower Upper
43 100
58 55.6 44.7 67.1
57 19.9 15.4 23.2

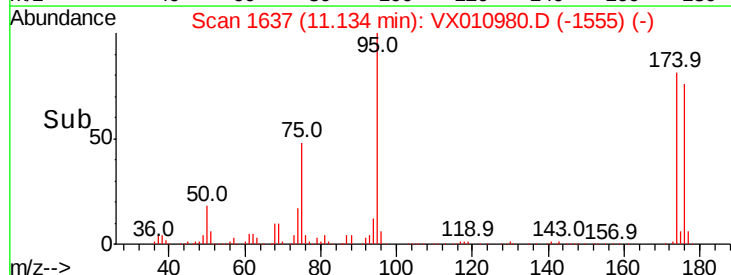
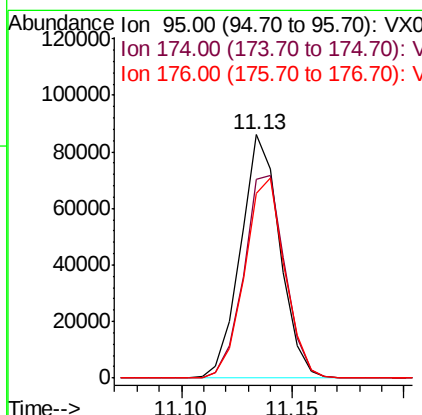
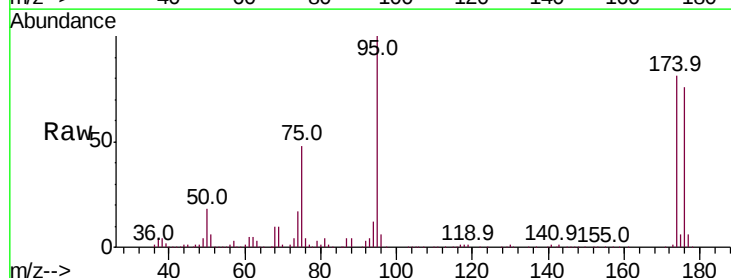
Manual Integrations
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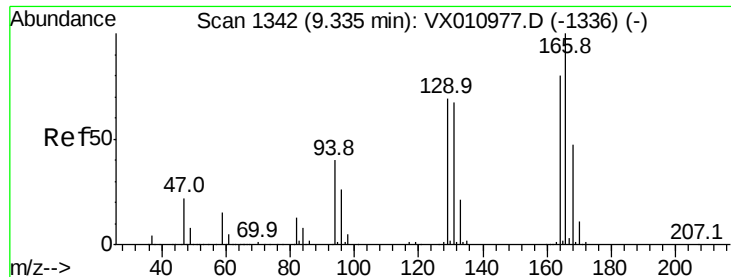
MMDadoda
7/19/2019 9:56:40 AM



#60
4-Bromofluorobenzene
Concen: 31.042 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion: 95 Resp: 105828
Ion Ratio Lower Upper
95 100
174 87.2 73.3 109.9
176 84.1 71.2 106.8





#61

Tetrachloroethene

Concen: 163.132 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:164 Resp: 383015

Ion Ratio Lower Upper

164 100

166 127.7 100.1 150.1

129 92.0 69.6 104.4

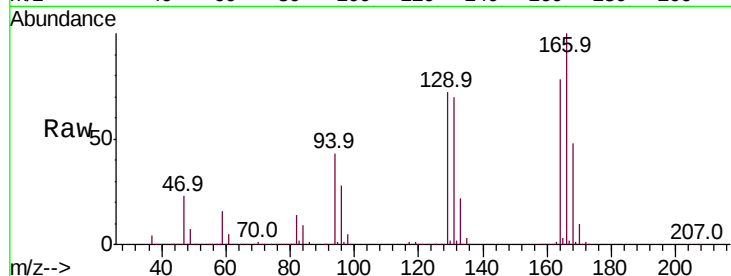
131 89.0 67.0 100.6

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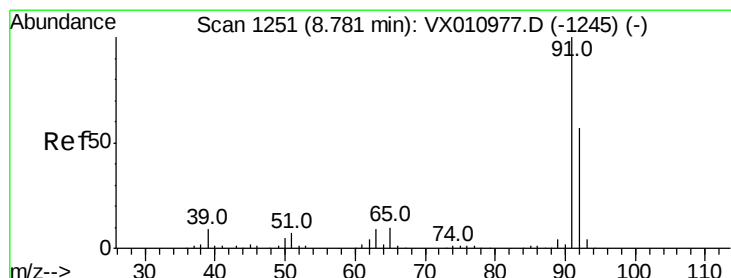
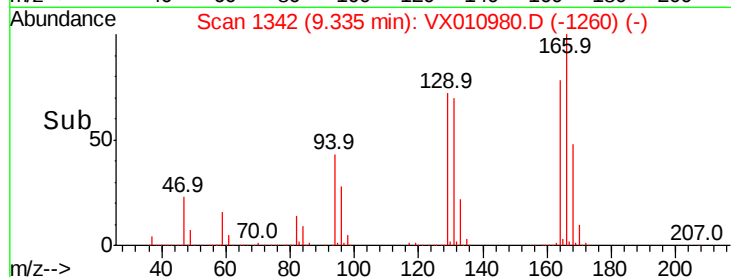
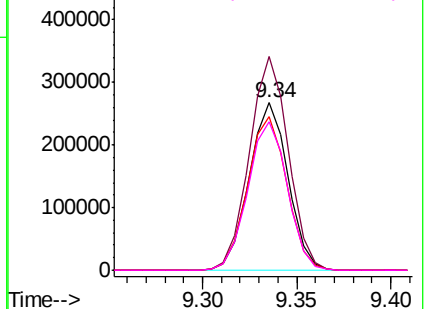
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 146.960 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010980.D

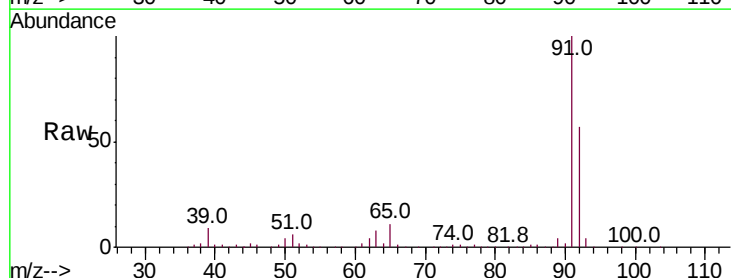
Acq: 18 Jul 2019 23:55

Tgt Ion: 91 Resp: 1597075

Ion Ratio Lower Upper

91 100

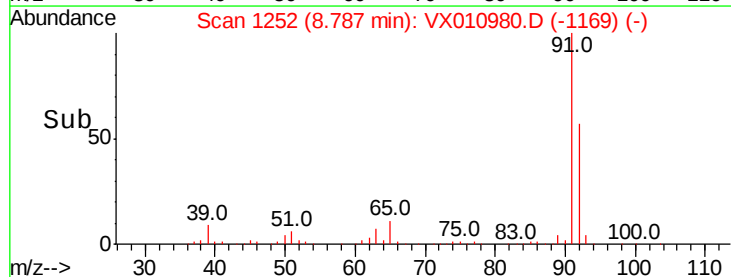
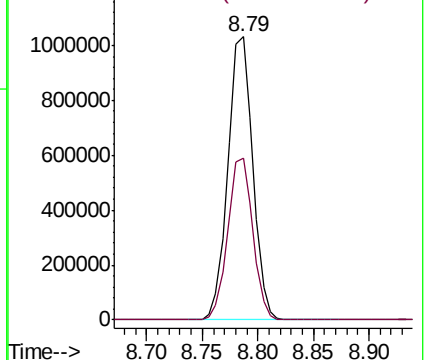
92 57.6 45.4 68.2

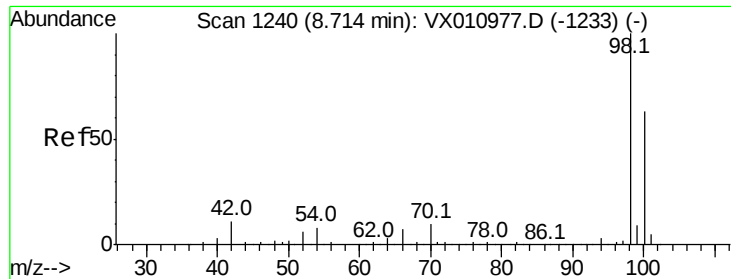


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





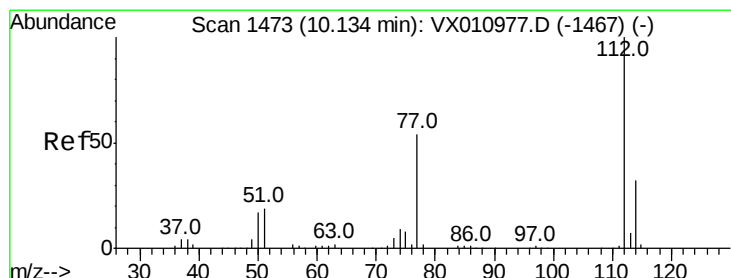
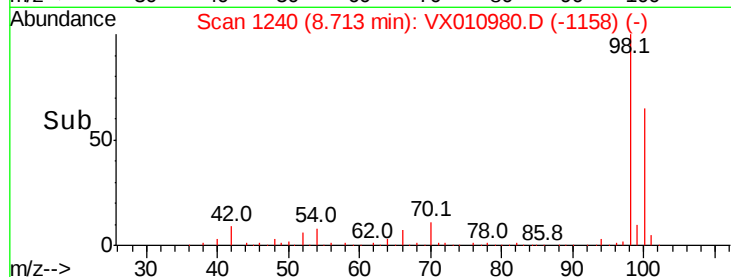
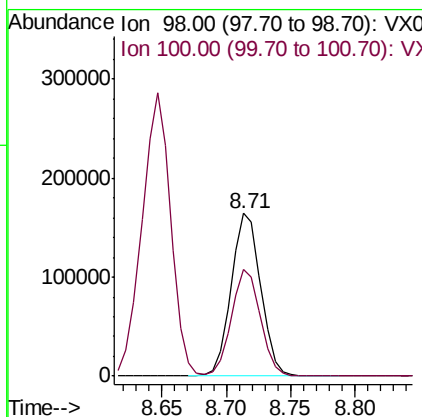
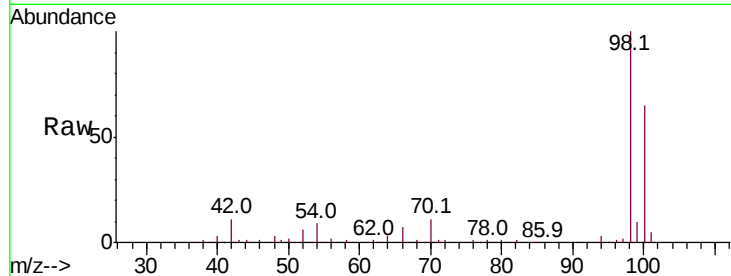
#63
Toluene-d8
Concen: 27.627 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 98 Resp: 262624
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0

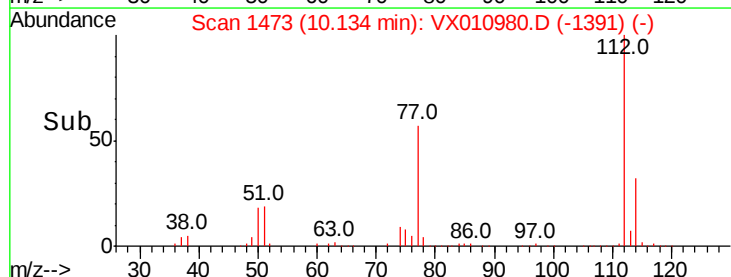
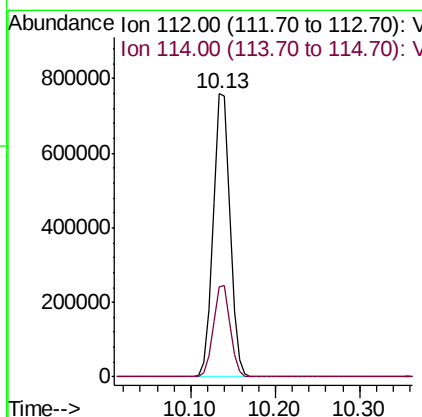
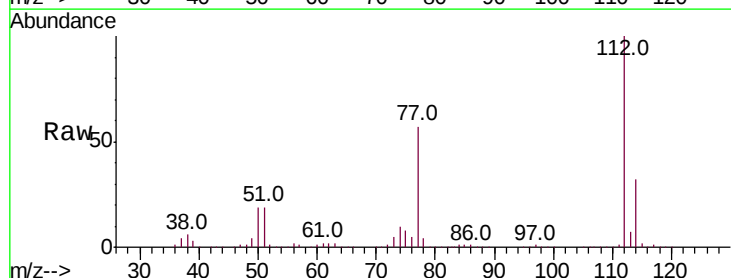
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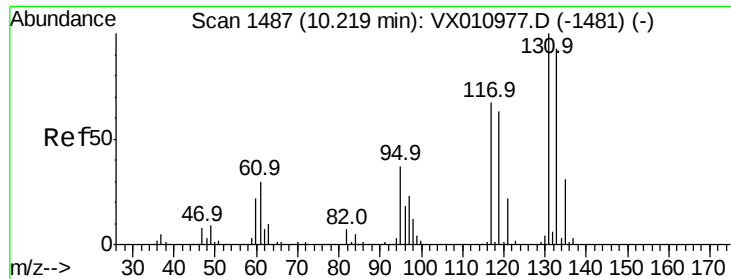
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#64
Chlorobenzene
Concen: 160.425 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion: 112 Resp: 1064161
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9





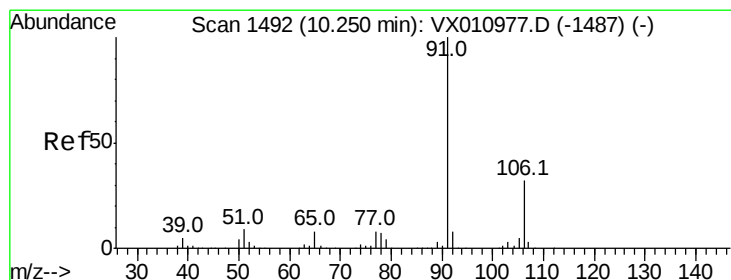
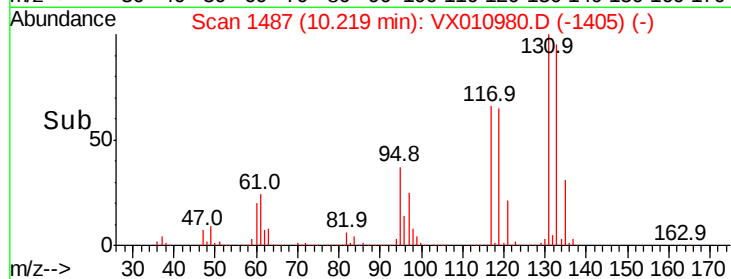
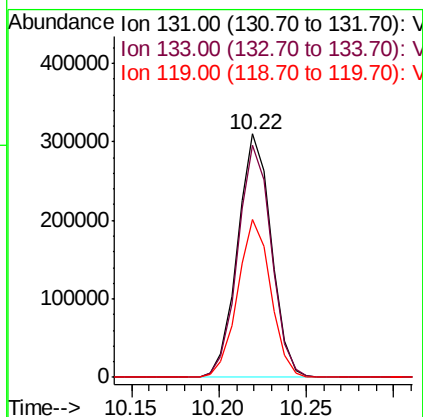
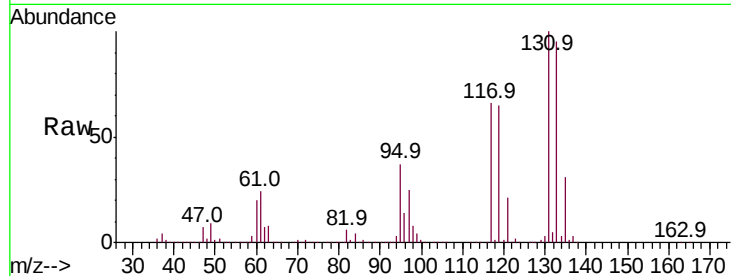
#65
1,1,1,2-Tetrachloroethane
Concen: 171.063 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
131	100	414110		
133	95.3	0.0	190.2	
119	64.0	0.0	127.0	

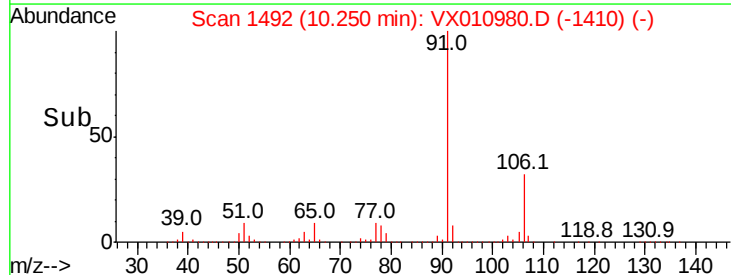
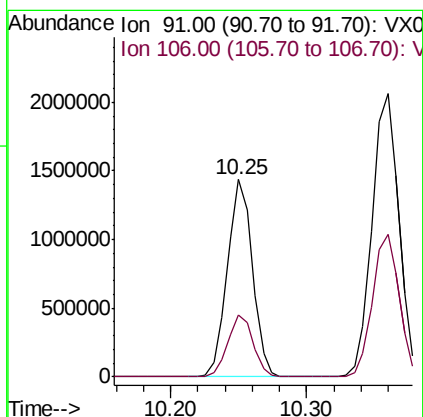
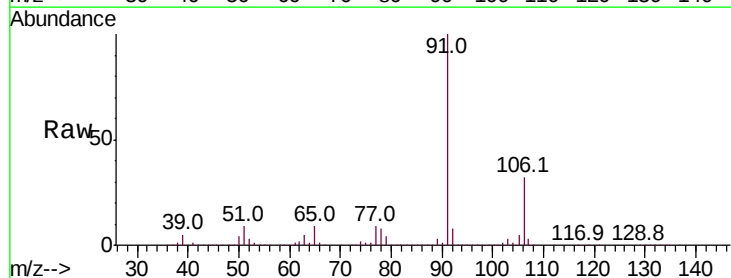
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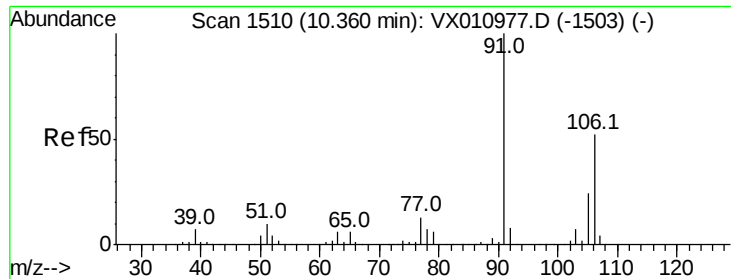
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#66
Ethyl Benzene
Concen: 151.843 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1841837		
106	31.6	25.8	38.8	





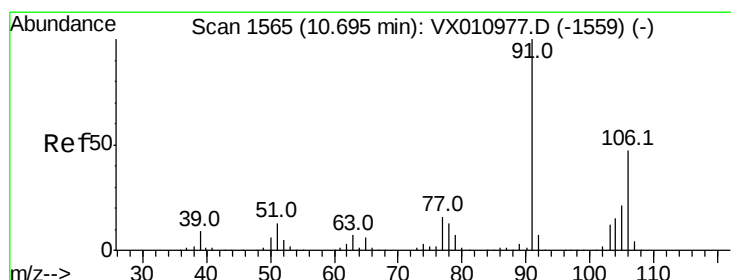
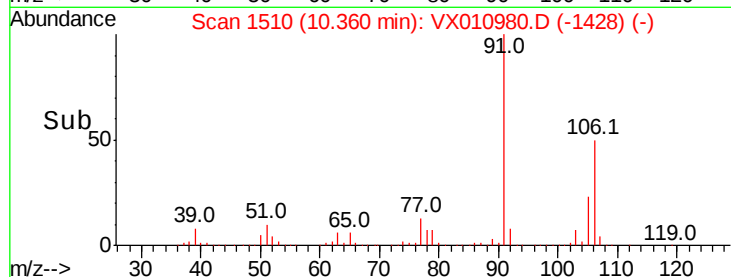
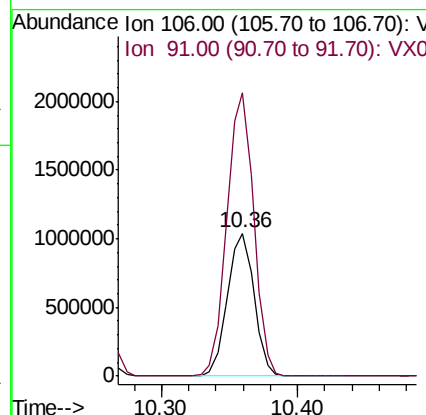
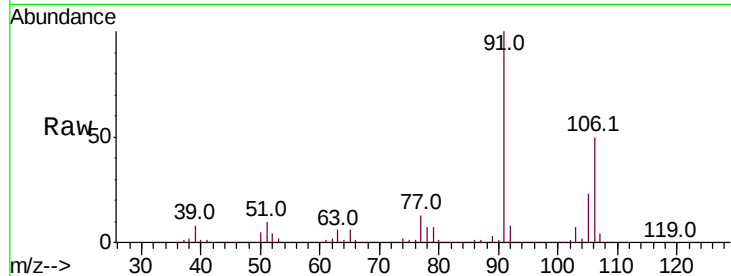
#67
m/p-Xylenes
Concen: 313.882 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1409350
Ion Ratio Lower Upper
106 100
91 199.1 156.6 235.0

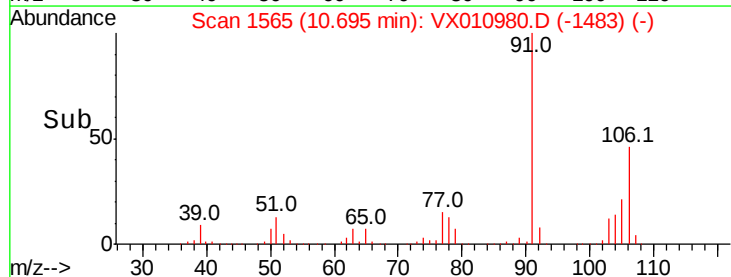
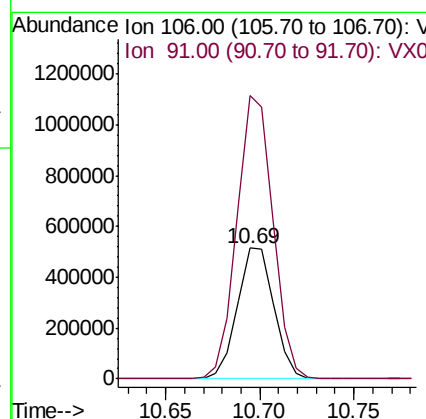
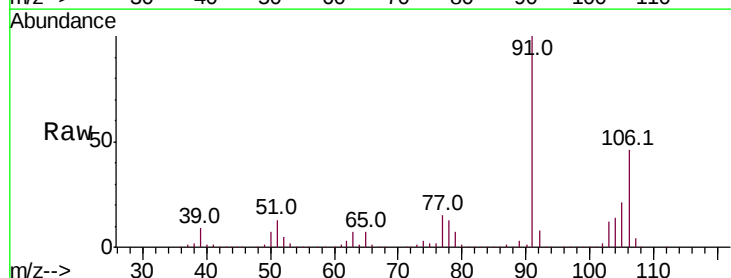
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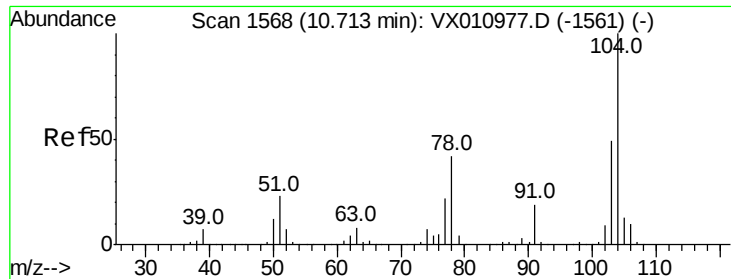
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#68
o-Xylene
Concen: 157.052 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion:106 Resp: 692195
Ion Ratio Lower Upper
106 100
91 213.5 104.0 312.0





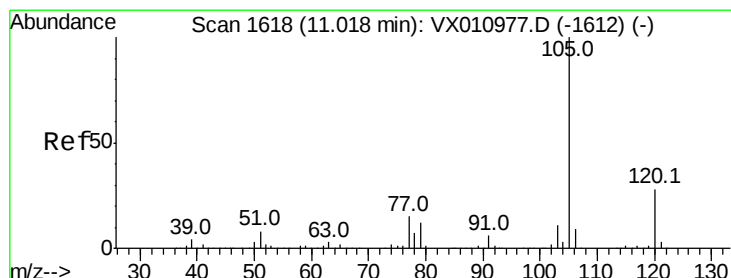
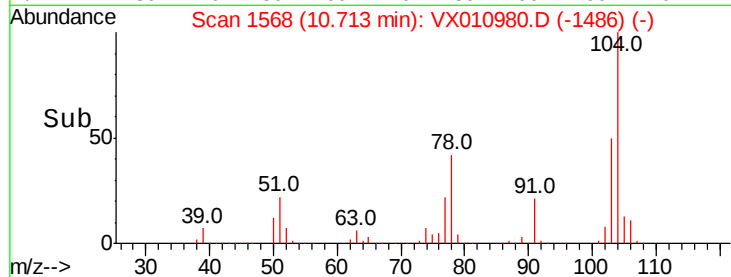
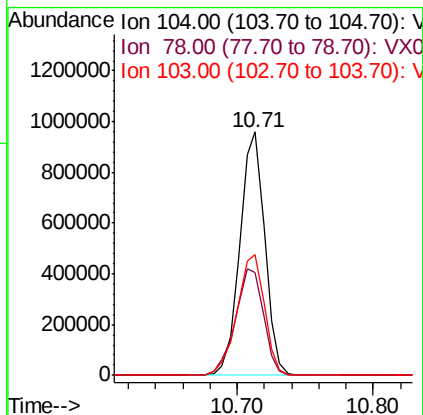
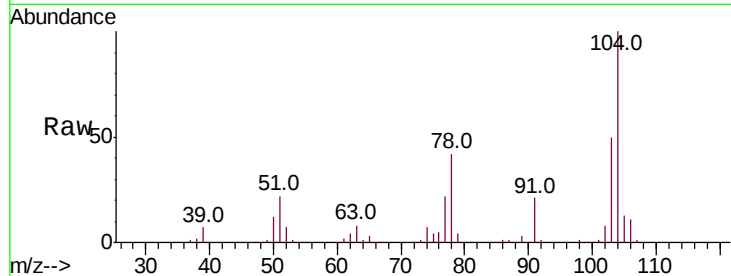
#69
Stvrene
Concen: 159.703 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.7	38.5	57.7
103	55.0	44.6	67.0

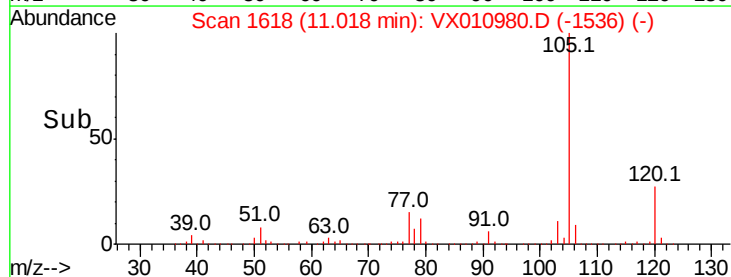
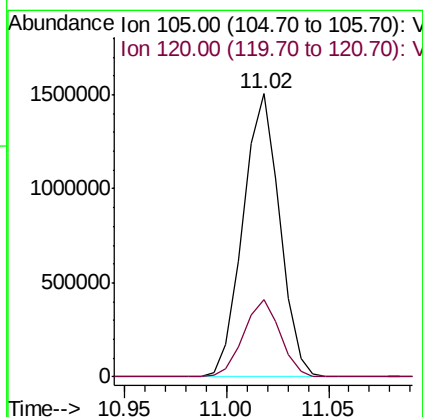
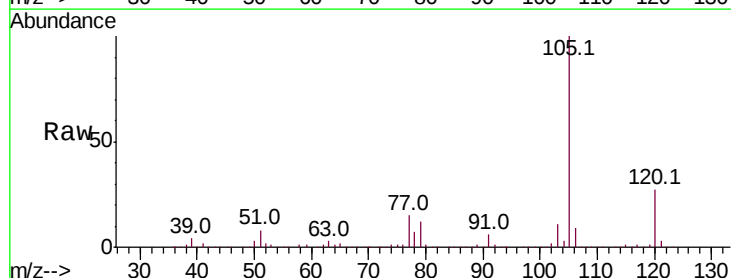
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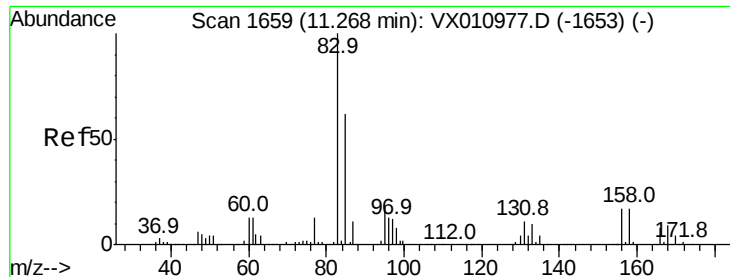
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#70
Isopropylbenzene
Concen: 160.138 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	19.4	36.0





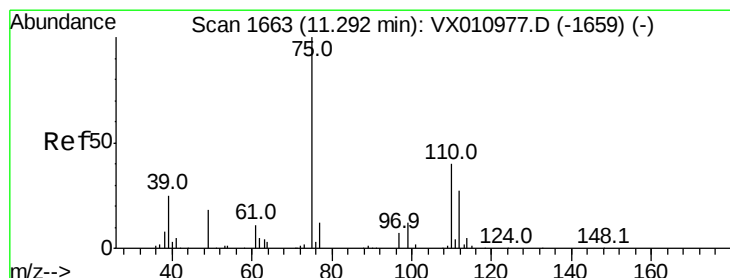
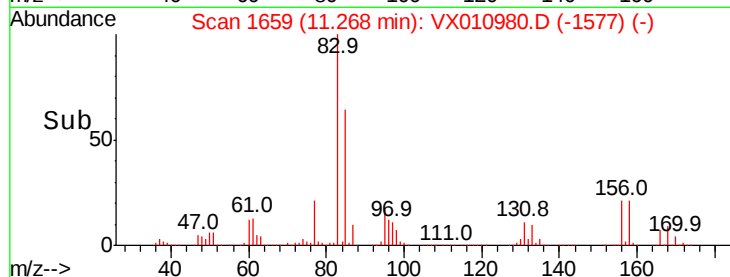
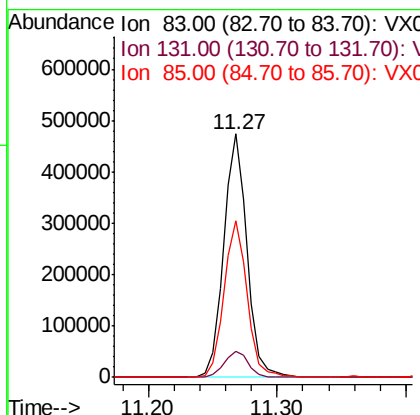
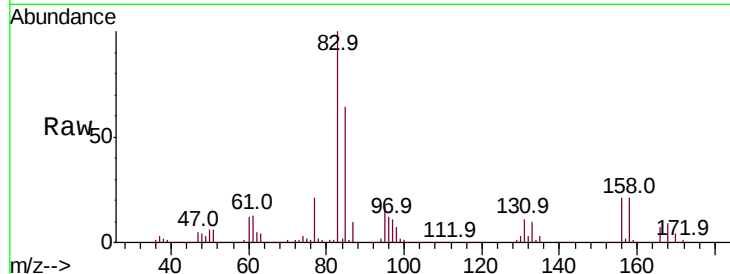
#71
 1,1,2,2-Tetrachloroethane
 Concen: 142.494 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	11.3	5.5	16.4	
85	64.2	32.1	96.3	

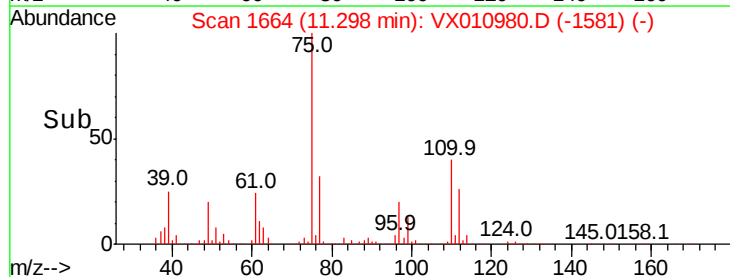
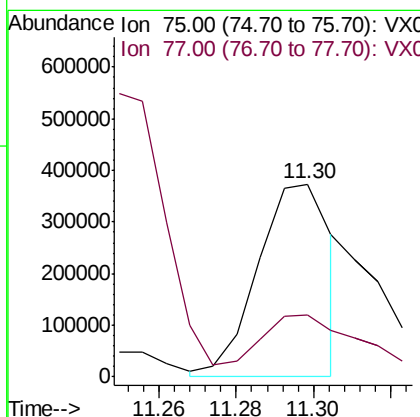
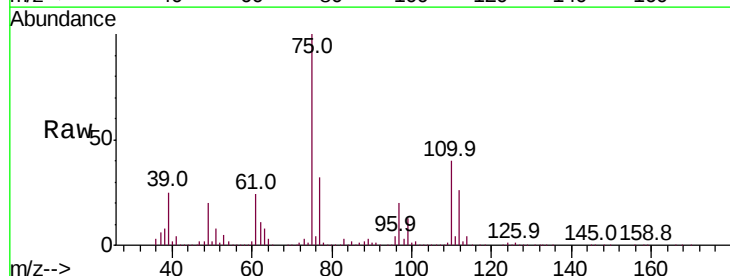
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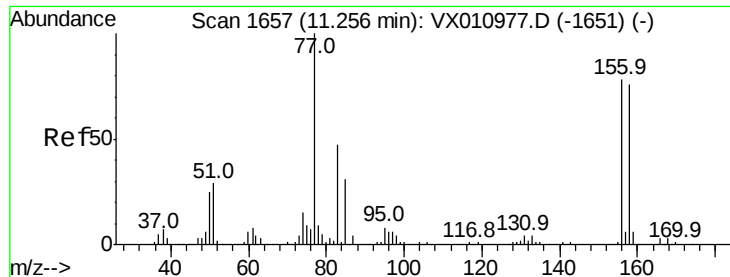
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#72
 1,2,3-Trichloropropane
 Concen: 137.410 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	45.2	0.0	84.0	





#73

Bromobenzene

Concen: 170.749 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

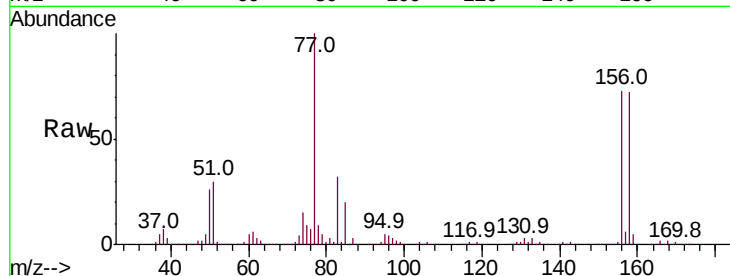
ClientSampleId :

VSTDIC150

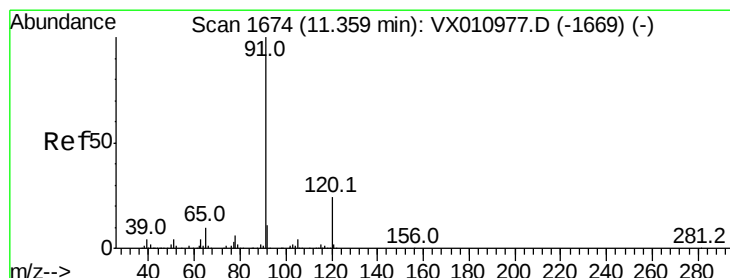
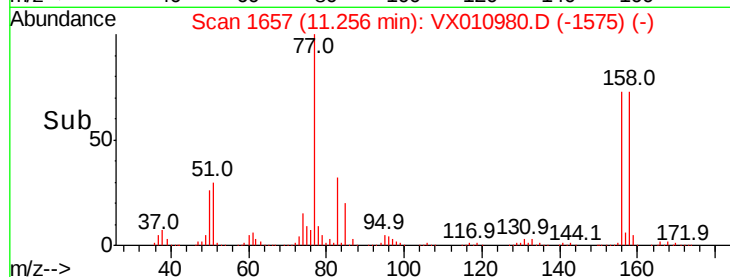
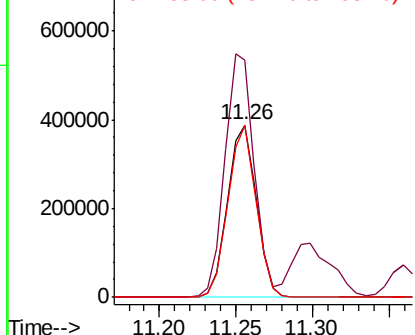
Tot Ion:	156	Resp:	506445
Ion Ratio	Lower	Upper	
156	100		
77	142.6	0.0	275.8
158	97.1	0.0	195.2

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Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 157.119 ug/l

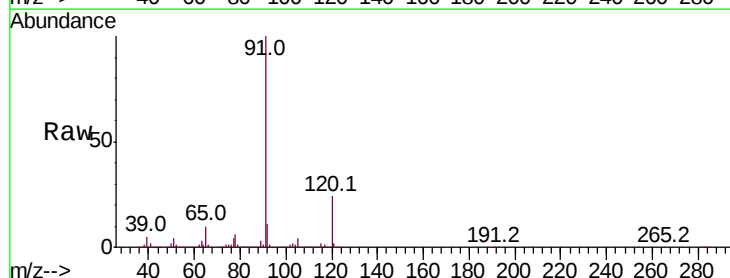
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

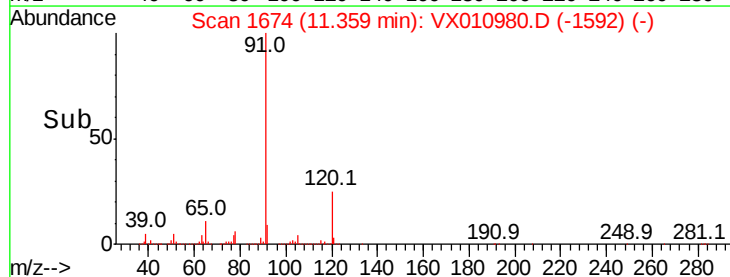
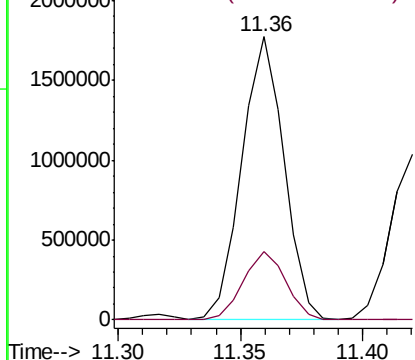
Lab File: VX010980.D

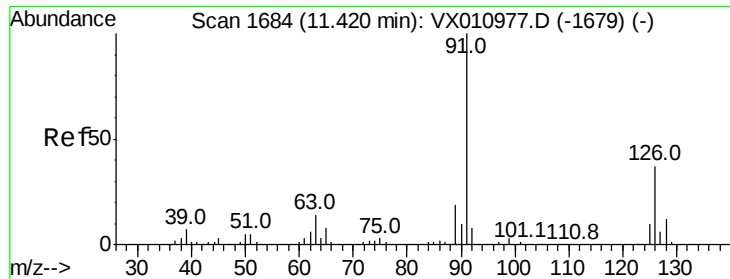
Acq: 18 Jul 2019 23:55

Tgt Ion:	91	Resp:	2132320
Ion Ratio	Lower	Upper	
91	100		
120	24.1	0.0	47.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 156.247 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1268504

Ion Ratio Lower Upper

91 100

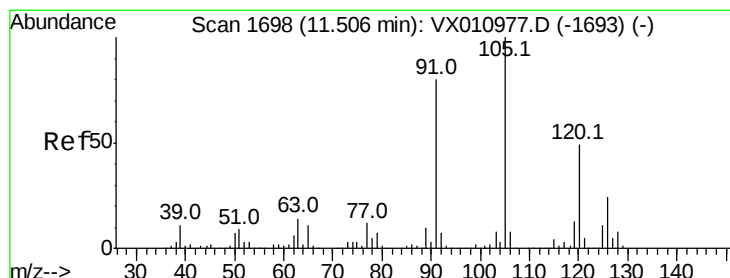
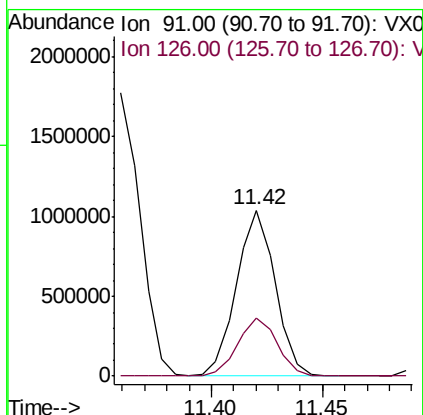
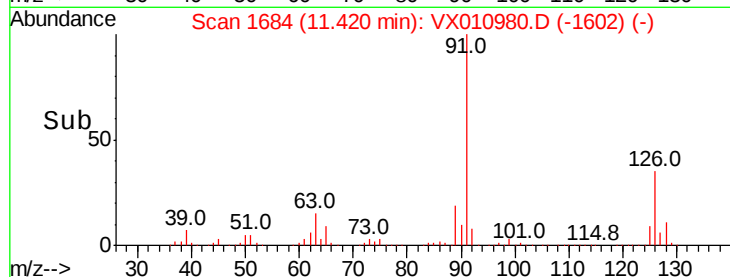
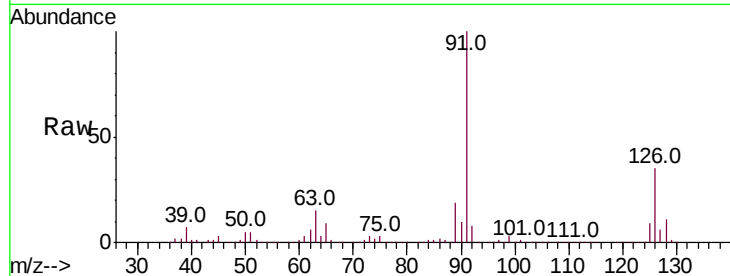
126 35.3 0.0 72.4

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 160.419 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010980.D

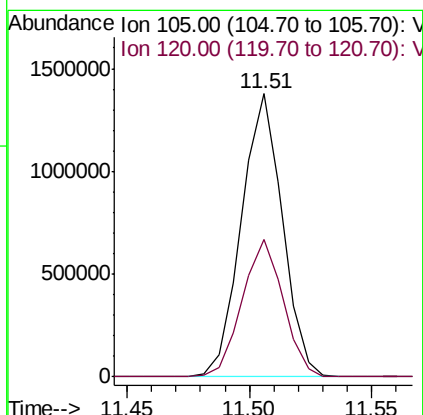
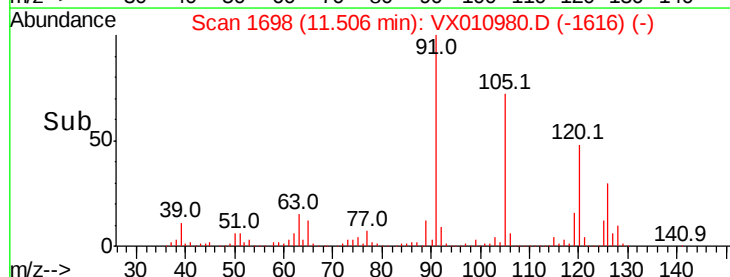
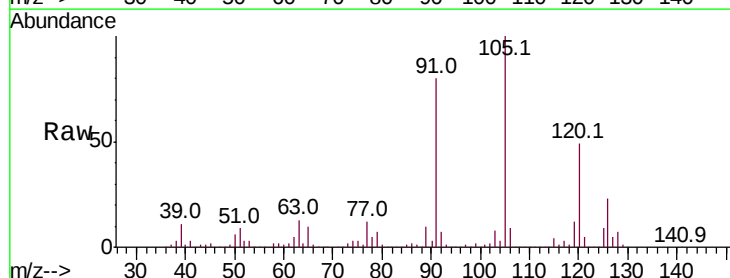
Acq: 18 Jul 2019 23:55

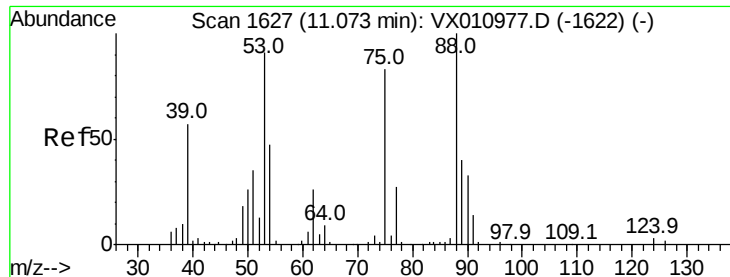
Tgt Ion: 105 Resp: 1603256

Ion Ratio Lower Upper

105 100

120 48.7 0.0 96.6





#77

t-1,4-Dichloro-2-butene

Concen: 143.450 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 201063

Ion Ratio Lower Upper

75 100

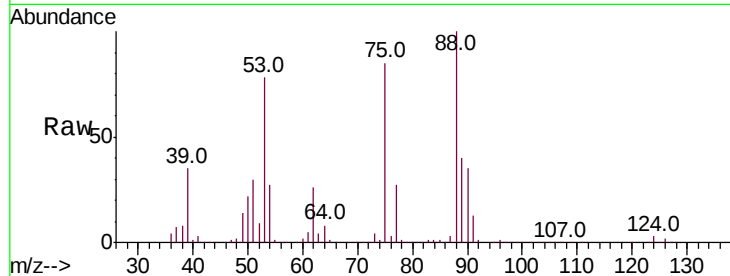
53 92.5 54.8 164.3

89 47.1 24.6 73.6

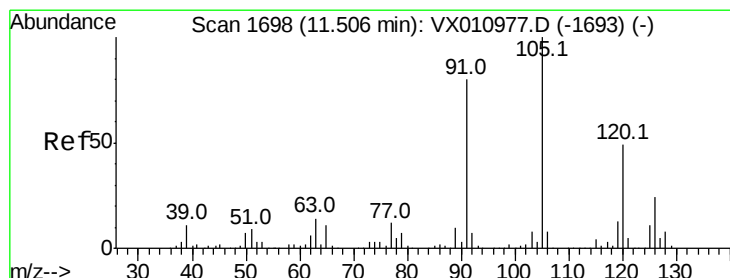
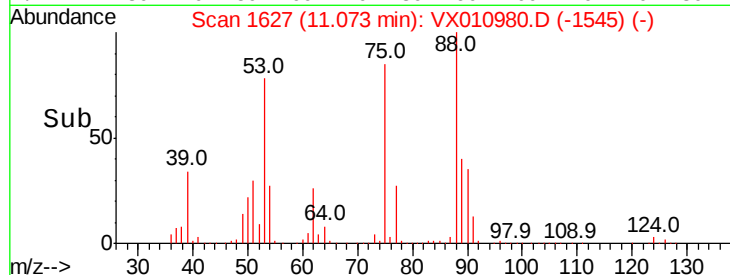
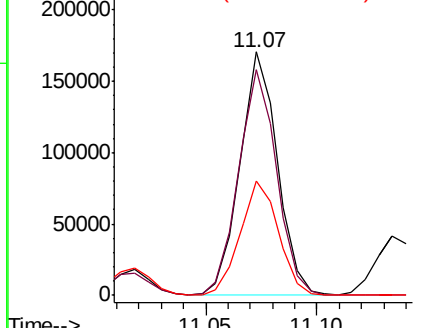
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Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 158.796 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX010980.D

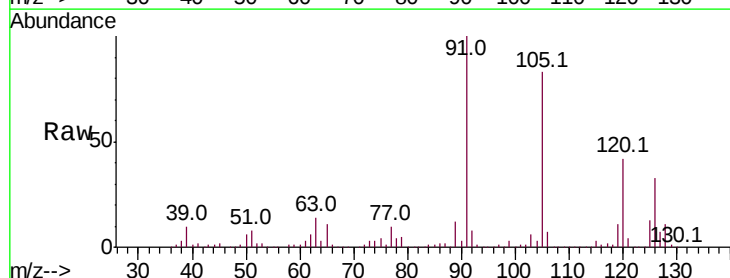
Acq: 18 Jul 2019 23:55

Tgt Ion: 91 Resp: 1468770

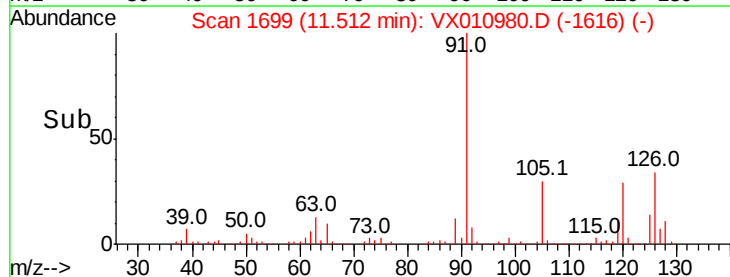
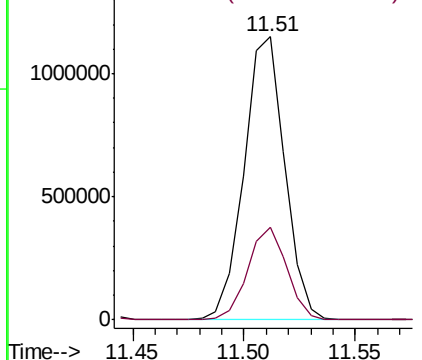
Ion Ratio Lower Upper

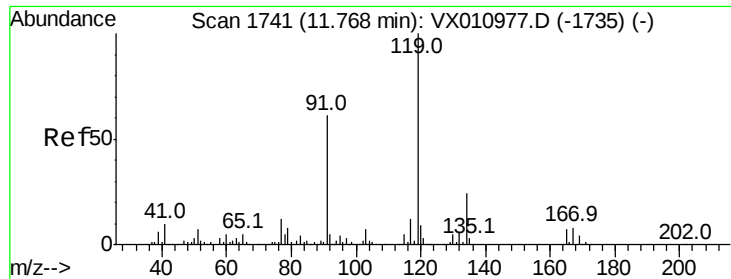
91 100

126 31.2 0.0 63.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V





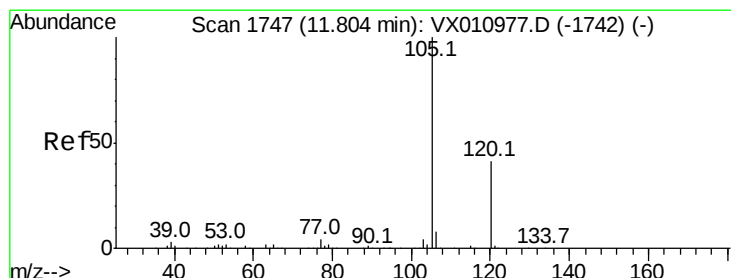
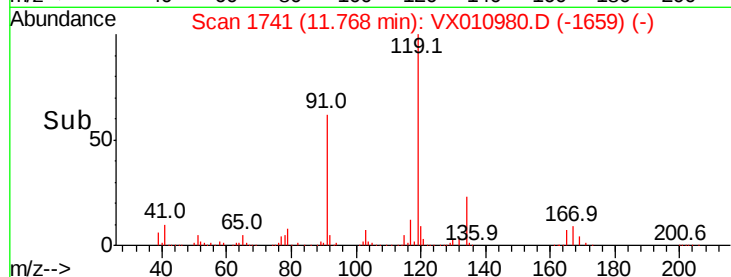
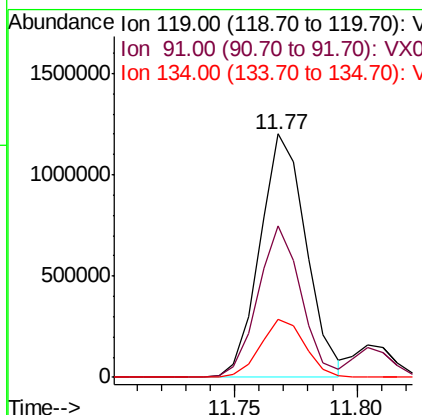
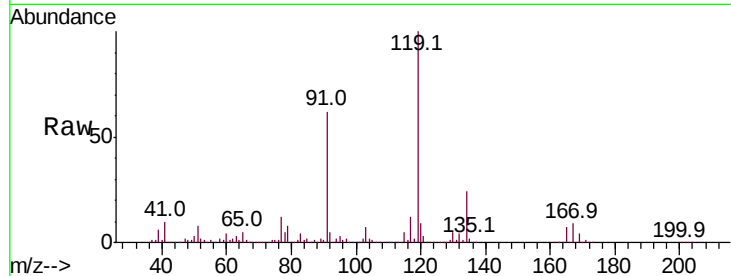
#79
tert-butylbenzene
Concen: 163.338 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.2	0.0	118.4
134	23.1	0.0	47.4

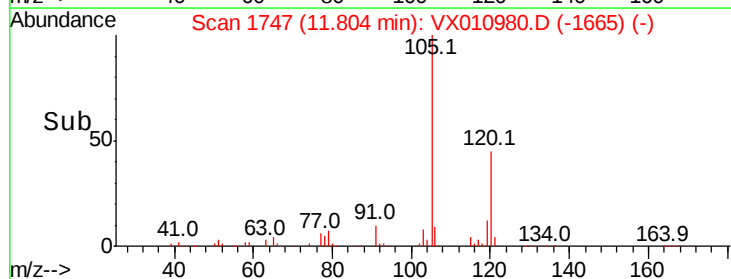
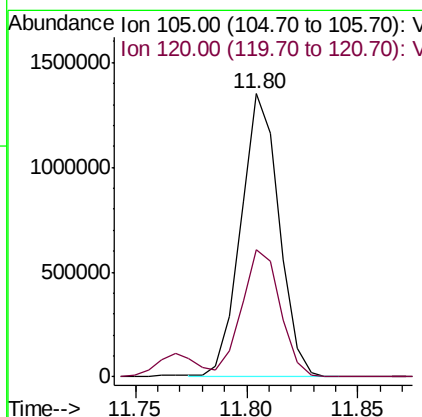
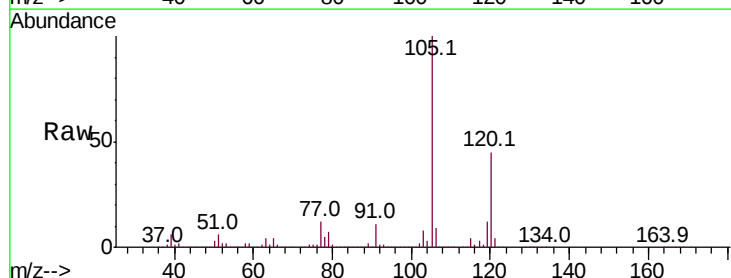
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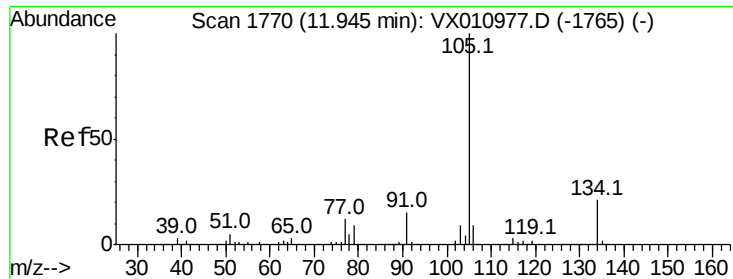
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#80
1,2,4-Trimethylbenzene
Concen: 160.956 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	0.0	91.6





#81

sec-Butylbenzene

Concen: 161.514 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1852304

Ion Ratio Lower Upper

105 100

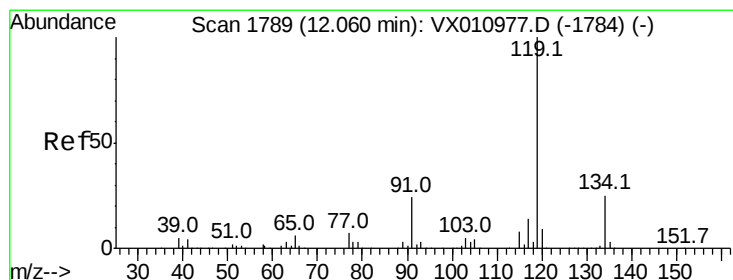
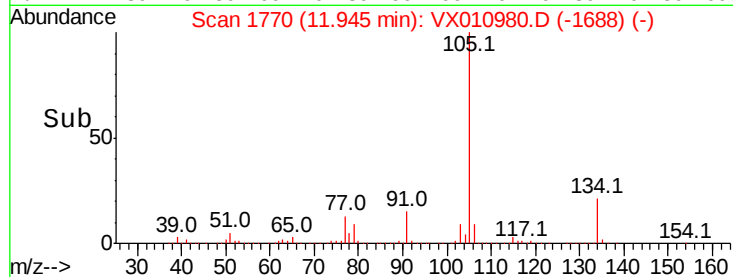
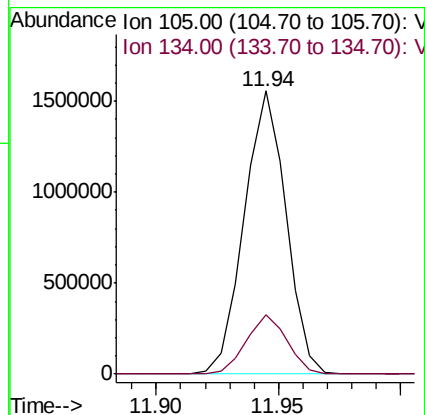
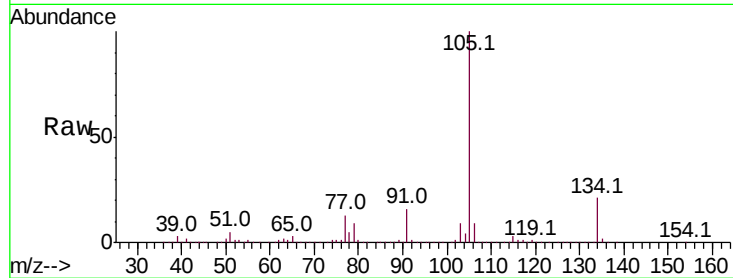
134 20.7 0.0 41.8

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#82

p-Isopropyltoluene

Concen: 166.764 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

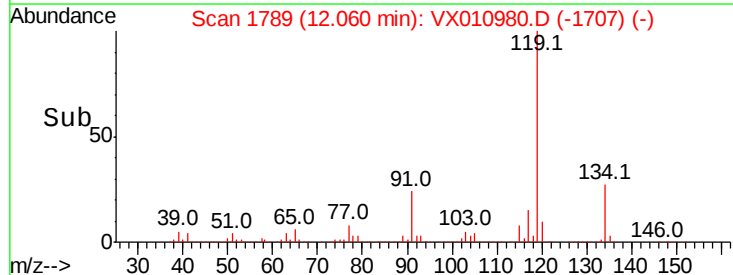
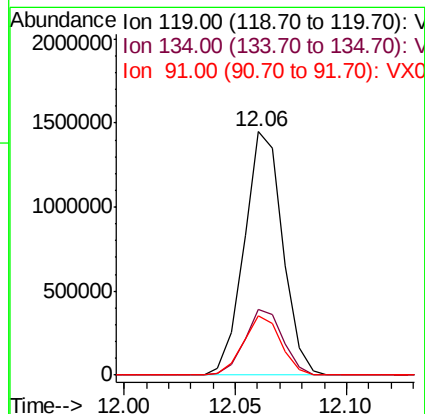
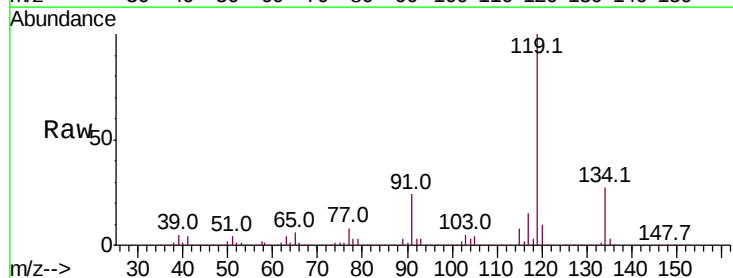
Tgt Ion:119 Resp: 1746376

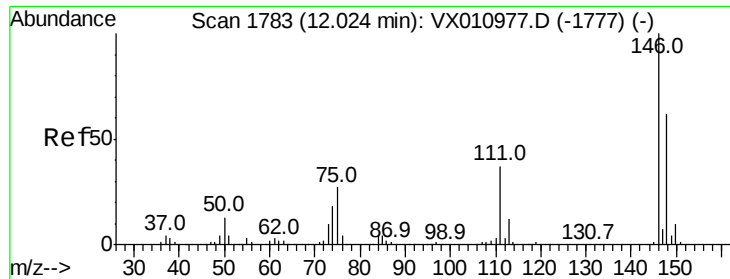
Ion Ratio Lower Upper

119 100

134 26.8 0.0 52.8

91 23.7 0.0 47.0





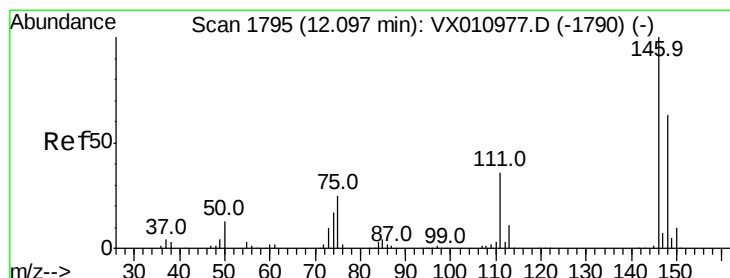
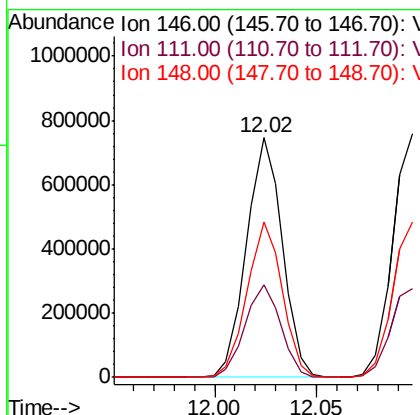
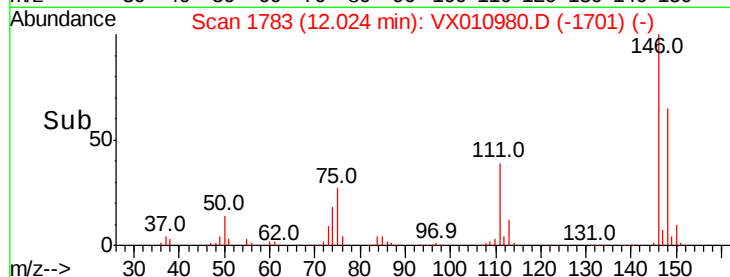
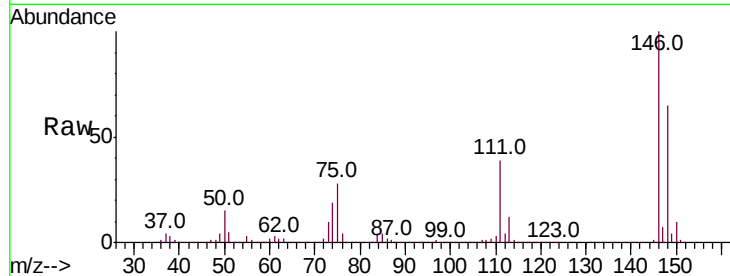
#83
 1,3-Dichlorobenzene
 Concen: 171.966 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.9	56.9
148	63.9	31.4	94.0

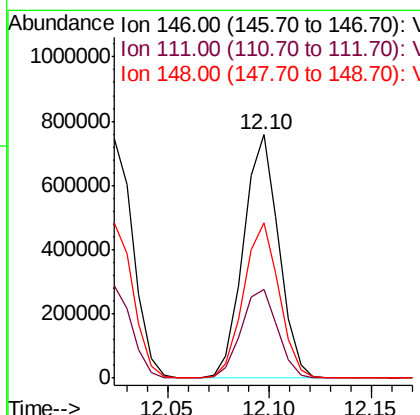
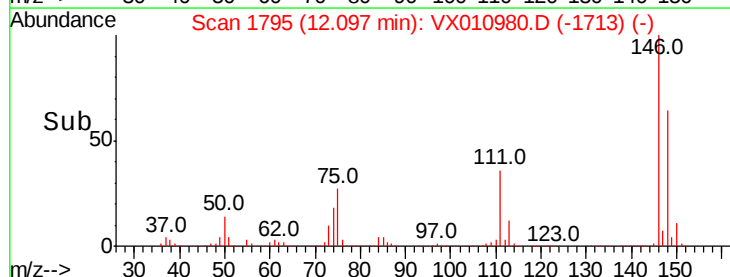
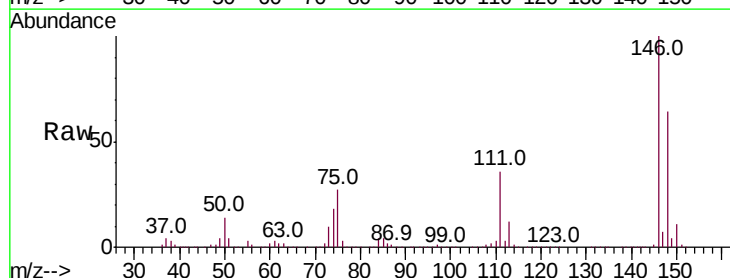
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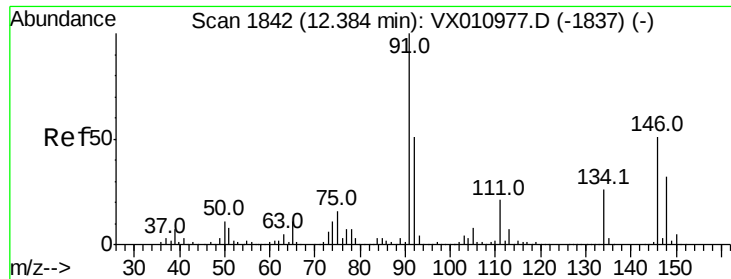
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#84
 1,4-Dichlorobenzene
 Concen: 171.477 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.5	55.5
148	64.1	32.0	96.0





#85

n-Butylbenzene

Concen: 160.167 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010980.D

Acq: 18 Jul 2019 23:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1517336

Ion Ratio Lower Upper

91 100

92 53.0 0.0 103.6

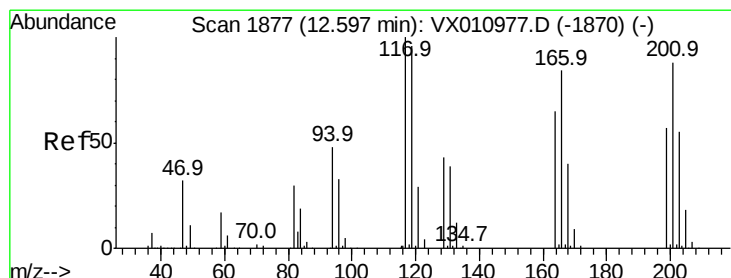
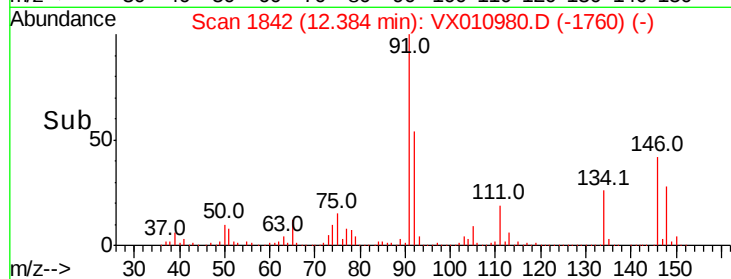
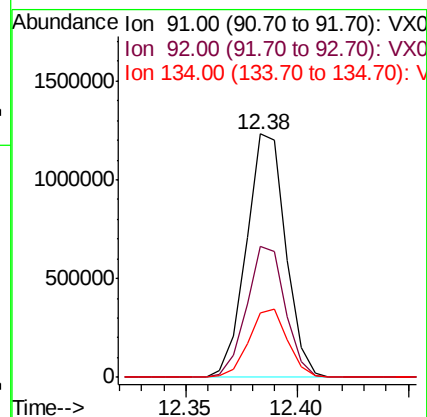
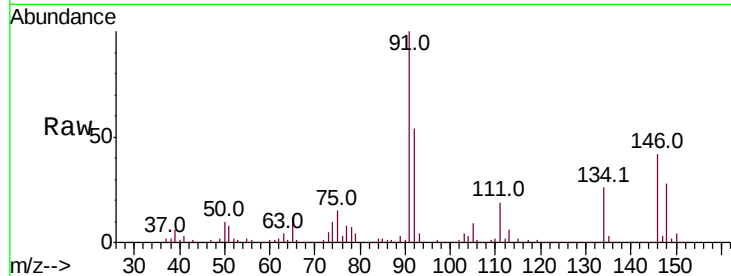
134 27.6 0.0 54.2

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#86

Hexachloroethane

Concen: 179.992 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX010980.D

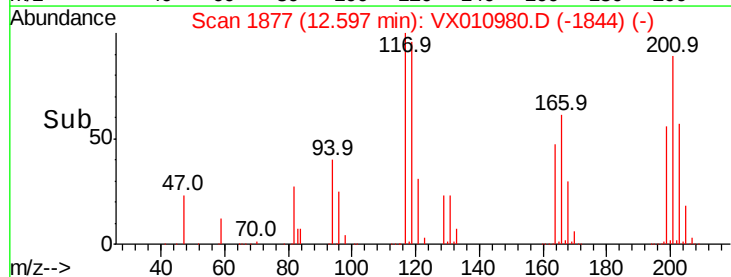
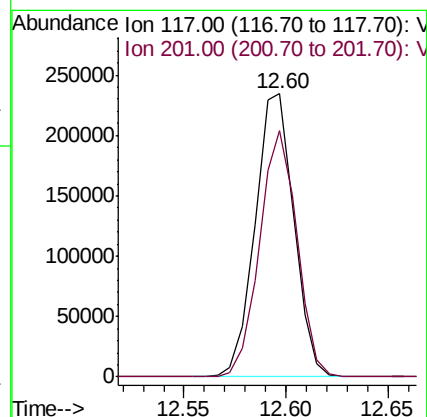
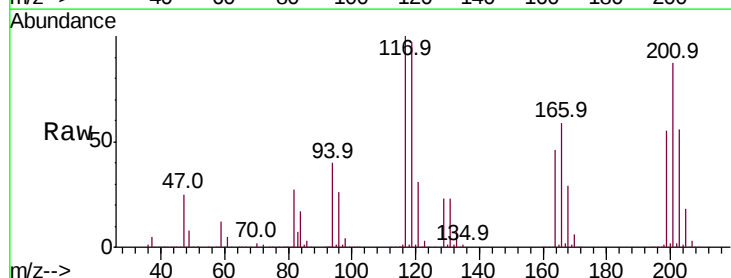
Acq: 18 Jul 2019 23:55

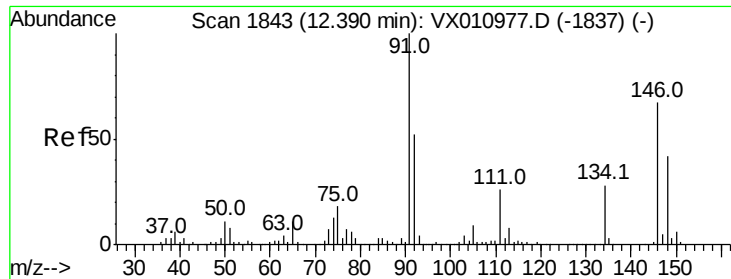
Tgt Ion: 117 Resp: 310828

Ion Ratio Lower Upper

117 100

201 83.9 42.1 126.3





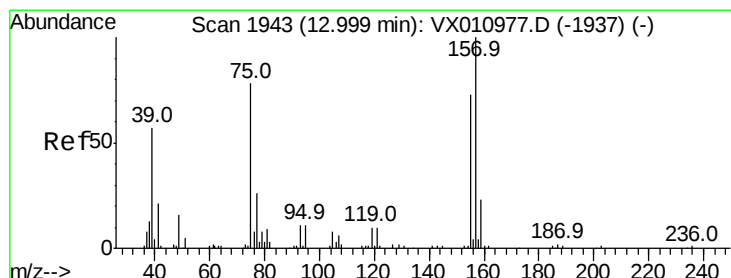
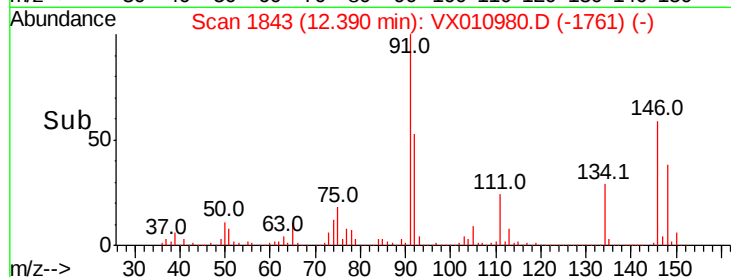
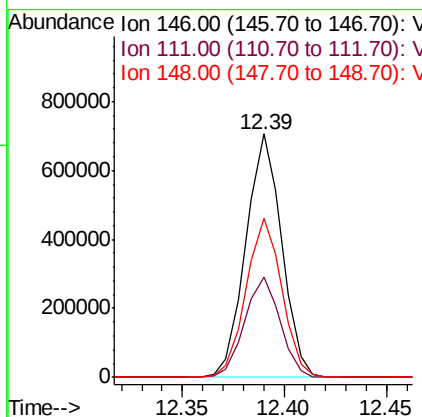
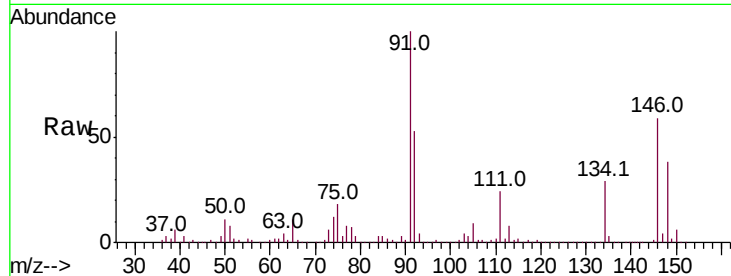
#87
 1,2-Dichlorobenzene
 Concen: 161.890 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.5	58.5
148	65.2	31.5	94.5

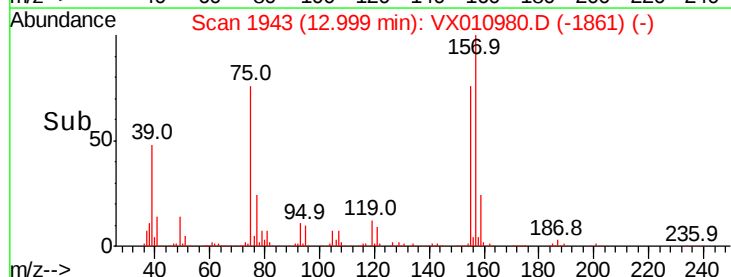
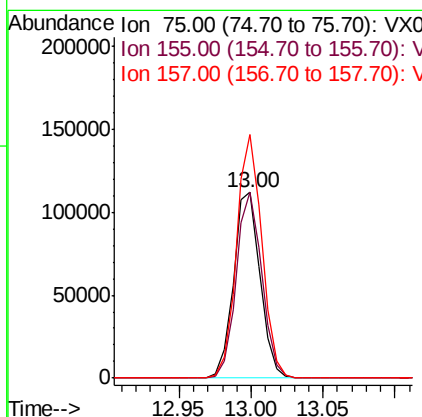
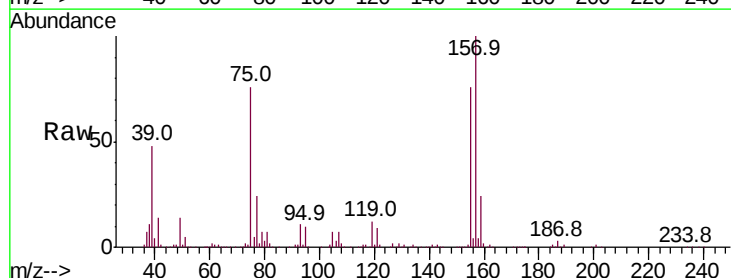
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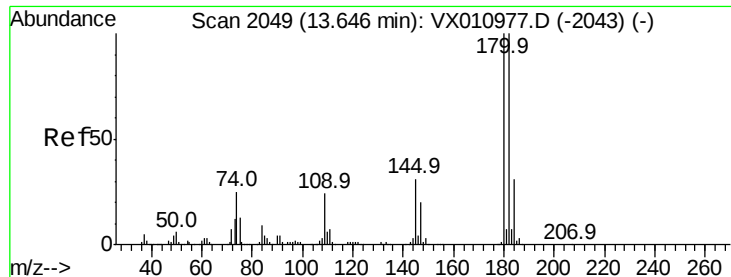
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 149.301 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.9	76.6	115.0
157	124.3	101.0	151.4





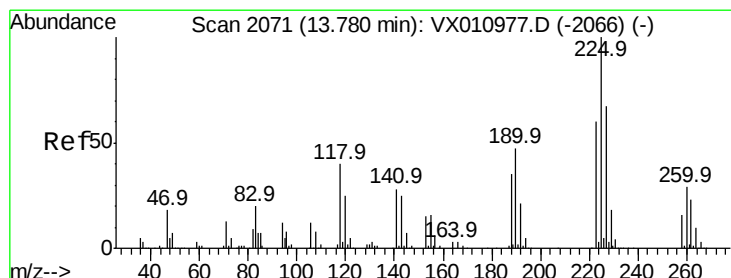
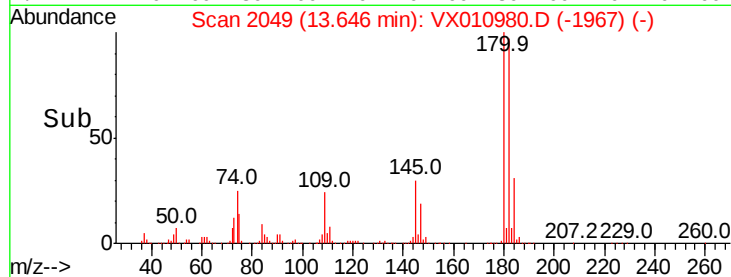
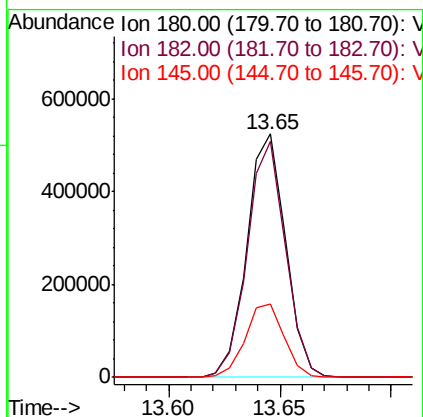
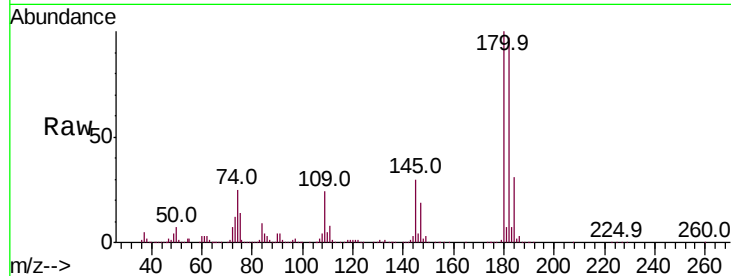
#89
 1,2,4-Trichlorobenzene
 Concen: 168.779 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	636004		
182	95.6	77.6	116.4	
145	30.3	23.8	35.6	

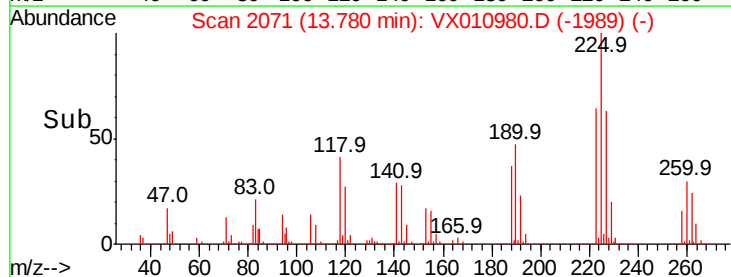
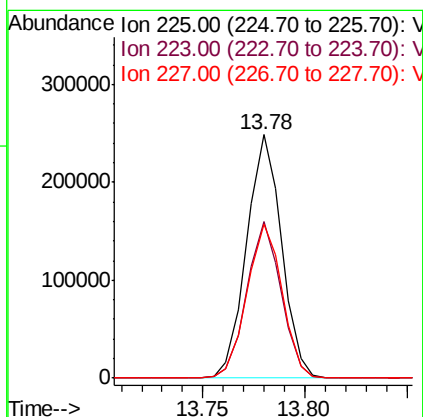
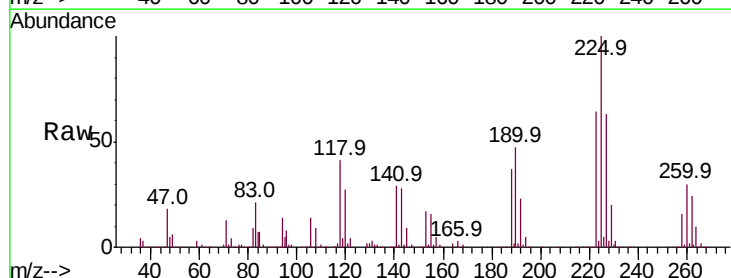
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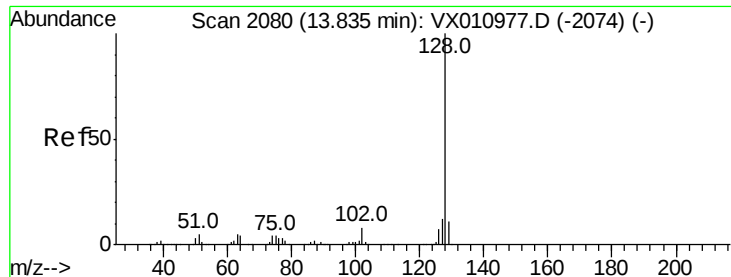
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#90
 Hexachlorobutadiene
 Concen: 158.101 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010980.D
 Acq: 18 Jul 2019 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	295980		
223	63.2	0.0	121.4	
227	63.9	0.0	126.6	





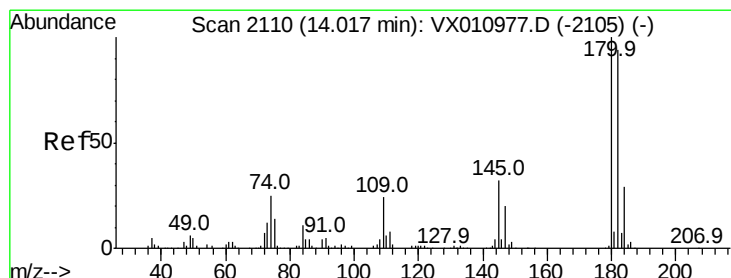
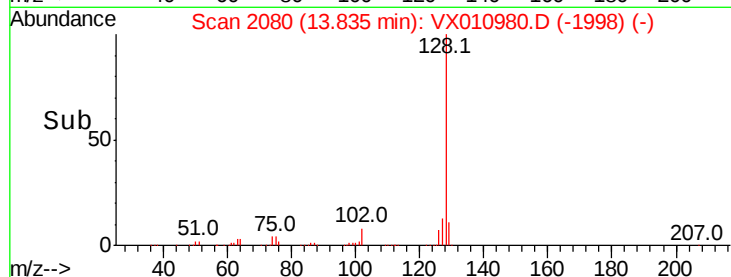
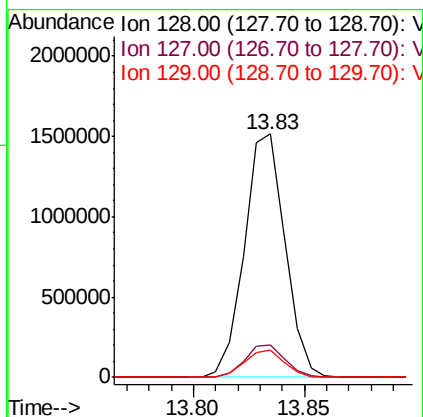
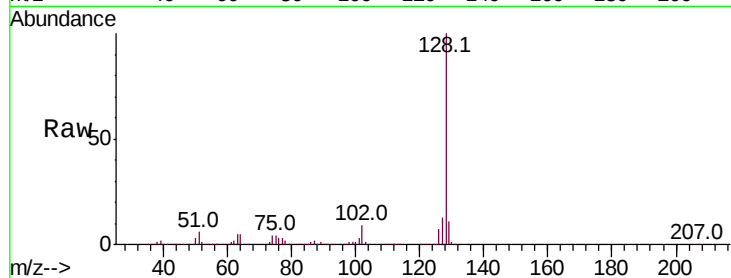
#91
Naphthalene
Concen: 159.136 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.9	8.5	12.7

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#92
1,2,3-Trichlorobenzene
Concen: 163.902 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010980.D
Acq: 18 Jul 2019 23:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	0.0	190.2
145	32.0	0.0	63.8

