

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071919\
 Data File : VX010985.D
 Acq On : 19 Jul 2019 02:14
 Operator : JC/SP
 Sample : VX0719WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0719WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/19/2019 3:13:09 PM

Quant Time: Jul 19 03:49:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:27:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	39480	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	213606	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	193382	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	77829	29.08	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.93%
60) 4-Bromofluorobenzene	11.13	95	92413	29.03	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.77%
63) Toluene-d8	8.71	98	260986	30.70	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	51721	19.816	ug/l 95
3) Chloromethane	1.33	50	47421	20.660	ug/l 98
4) Vinyl Chloride	1.41	62	47842	19.988	ug/l 98
5) Bromomethane	1.64	94	31653	24.024	ug/l 99
6) Chloroethane	1.73	64	28426	20.074	ug/l 95
7) Trichlorofluoromethane	1.93	101	76619	19.275	ug/l 96
8) Diethyl Ether	2.19	74	24977	19.134	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	43403	19.755	ug/l 97
10) 1,1-Dichloroethene	2.37	96	43526	19.713	ug/l 99
11) Methyl Iodide	2.51	142	50893	17.164	ug/l 100
12) Methyl Acetate	2.78	43	62201	20.058	ug/l 94
13) Acrolein	2.29	56	35241	94.779	ug/l 97
14) Acrylonitrile	3.14	53	120481	99.266	ug/l 99
15) Acetone	2.44	58	33517	99.170	ug/l 97
16) Carbon Disulfide	2.57	76	108068	19.048	ug/l 98
17) Allyl chloride	2.73	41	59200	18.520	ug/l 98
18) Methylene Chloride	2.86	84	47492	19.317	ug/l 92
19) trans-1,2-Dichloroethene	3.17	96	44446	19.055	ug/l 97
20) Diisopropyl ether	3.86	45	130386	19.322	ug/l 91
21) 1,1-Dichloroethane	3.70	63	75319	19.395	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	51640	19.250	ug/l 99
23) tert-Butyl Alcohol	3.04	59	61831	97.572	ug/l 100
24) Methyl tert-Butyl Ether	3.20	73	136753	19.294	ug/l 99
25) Chloroform	5.21	83	80807	18.999	ug/l 99
26) Cyclohexane	5.58	56	67274	18.932	ug/l # 97
29) 1,1-Dichloropropene	5.80	75	58921	19.614	ug/l 99
30) 2-Butanone	4.67	43	163617	100.904	ug/l 100
31) 2,2-Dichloropropane	4.59	77	44144	16.835	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	68957	19.036	ug/l 99
33) Carbon Tetrachloride	5.79	117	58749	18.653	ug/l 99
34) Benzene	6.14	78	179182	19.885	ug/l 98
35) Methacrylonitrile	5.04	41	32718	19.382	ug/l 97
36) 1,2-Dichloroethane	6.20	62	63285	19.642	ug/l 99
37) Trichloroethene	7.21	130	52188	19.783	ug/l 100
38) Methylcyclohexane	7.46	83	72403	19.098	ug/l 98
39) 1,2-Dichloropropane	7.51	63	44453	19.736	ug/l 97
40) Dibromomethane	7.66	93	33190	20.036	ug/l 98

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Quant Time: Jul 19 03:49:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:27:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	57025	18.913	ug/l	100
42) Vinyl Acetate	3.82	43	516661	96.712	ug/l	100
43) Ethyl Acetate	4.84	43	63193	20.302	ug/l	100
44) Isopropyl Acetate	6.45	43	98957	19.519	ug/l	99
45) 1,4-Dioxane	7.74	88	27259	413.103	ug/l	97
46) Methyl methacrylate	7.77	41	48299	19.628	ug/l	94
47) n-amyl Acetate	10.90	43	85631	18.833	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	57097	17.968	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	64628	18.637	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	49175	20.283	ug/l	96
51) Ethyl methacrylate	9.18	69	69856	18.631	ug/l	98
52) 1,3-Dichloropropane	9.37	76	76051	19.521	ug/l	98
53) Dibromochloromethane	9.58	129	47724	18.227	ug/l	99
54) 1,2-Dibromoethane	9.67	107	52008	19.739	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	153156	96.456	ug/l	99
56) Bromoform	10.85	173	34503	17.693	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	324335	99.310	ug/l	100
59) 2-Hexanone	9.49	43	250352	100.177	ug/l	100
61) Tetrachloroethene	9.33	164	52739	20.655	ug/l	94
62) Toluene	8.78	91	204826	19.938	ug/l	100
64) Chlorobenzene	10.13	112	129245	19.636	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	46338	19.371	ug/l	98
66) Ethyl Benzene	10.25	91	224106	19.378	ug/l	99
67) m/p-Xylenes	10.36	106	173434	39.196	ug/l	98
68) o-Xylene	10.69	106	85185	19.648	ug/l	100
69) Styrene	10.71	104	141857	19.466	ug/l	99
70) Isopropylbenzene	11.02	105	225926	19.569	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	72809	19.558	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	60788m	19.563	ug/l	
73) Bromobenzene	11.26	156	60335	19.370	ug/l	98
74) n-propylbenzene	11.36	91	250422	19.273	ug/l	100
75) 2-Chlorotoluene	11.42	91	150390	19.433	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	191953	19.643	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	17530	17.099	ug/l	96
78) 4-Chlorotoluene	11.51	91	171724	19.322	ug/l	99
79) tert-butylbenzene	11.77	119	182582	19.262	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	189973	19.305	ug/l	99
81) sec-Butylbenzene	11.94	105	217691	19.483	ug/l	99
82) p-Isopropyltoluene	12.06	119	198542	19.149	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	105105	19.113	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	104537	19.126	ug/l	99
85) n-Butylbenzene	12.38	91	166536	18.863	ug/l	99
86) Hexachloroethane	12.59	117	27993	17.119	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	106773	19.832	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	15415	18.809	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	70695	19.037	ug/l	100
90) Hexachlorobutadiene	13.78	225	34285	19.095	ug/l	99
91) Naphthalene	13.83	128	223718	19.744	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	73465	19.738	ug/l	99

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ClientSampleId :
VX0719WBS01

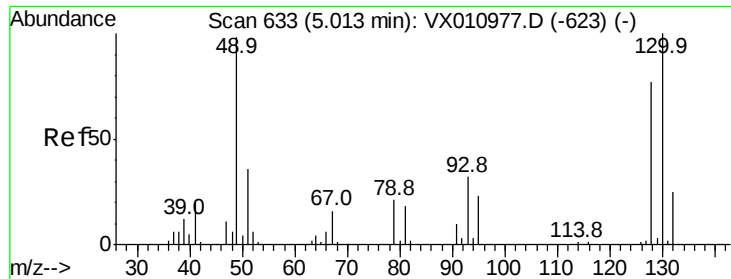
Manual Integrations
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Quant Time: Jul 19 03:49:50 2019
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QLast Update : Fri Jul 19 03:27:28 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

Tot Ion:128 Resp: 39480

Ion Ratio Lower Upper

128 100

49 135.2 0.0 343.5

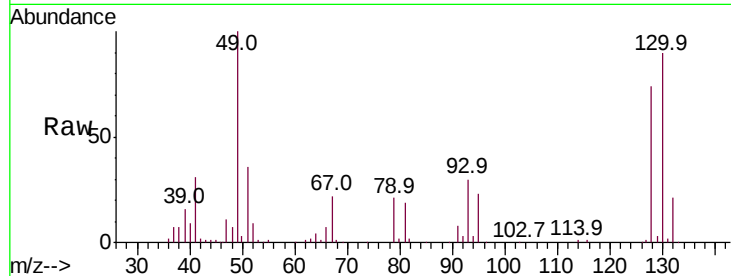
130 128.8 0.0 324.7

Manual Integrations

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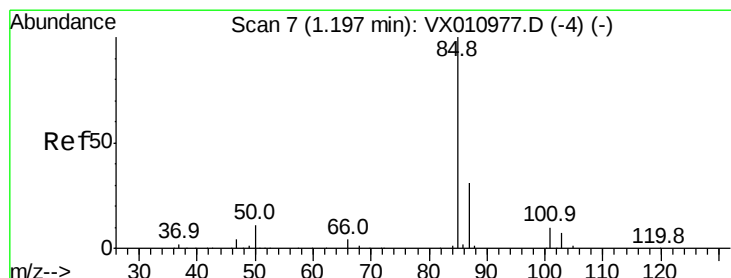
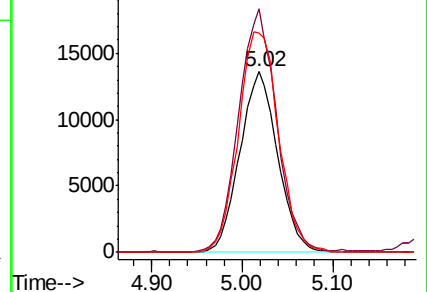
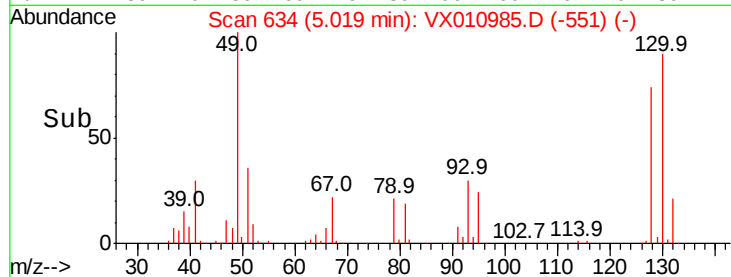
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.816 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010985.D

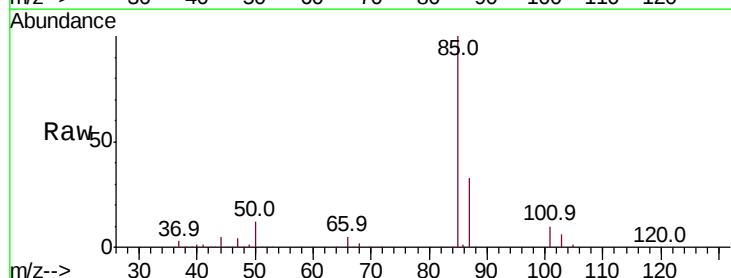
Acq: 19 Jul 2019 02:14

Tgt Ion: 85 Resp: 51721

Ion Ratio Lower Upper

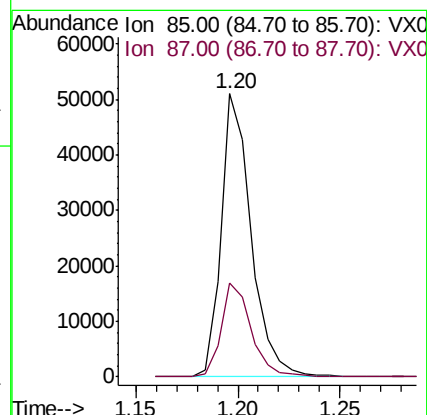
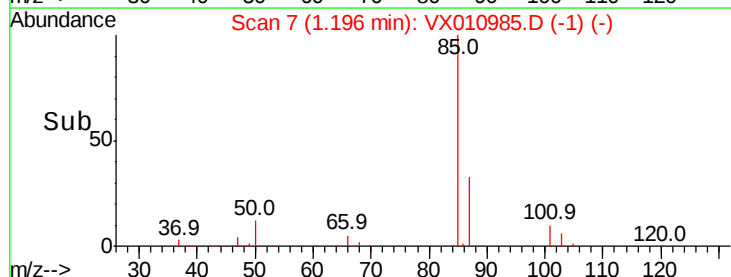
85 100

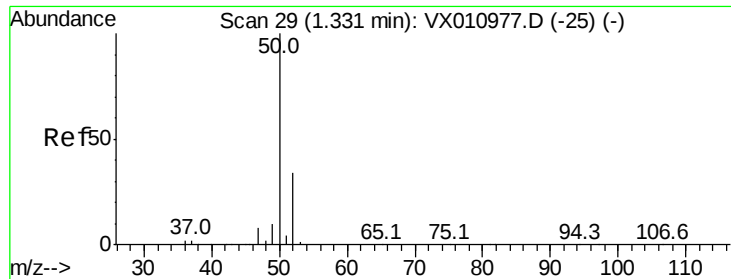
87 33.2 15.4 46.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 20.660 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

Tot Ion: 50 Resp: 47421

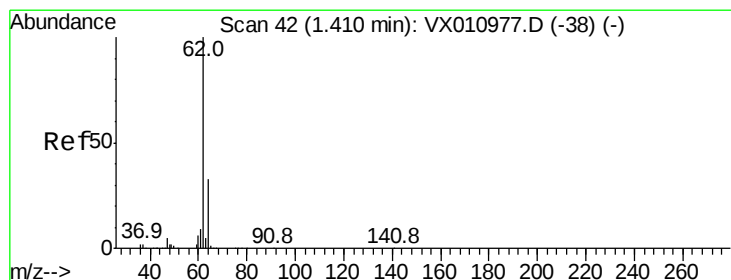
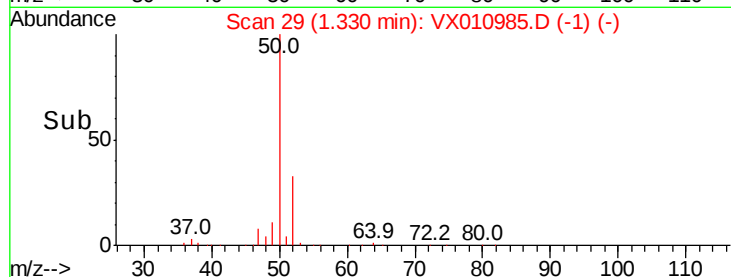
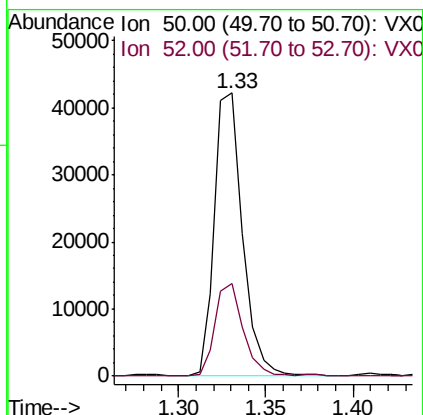
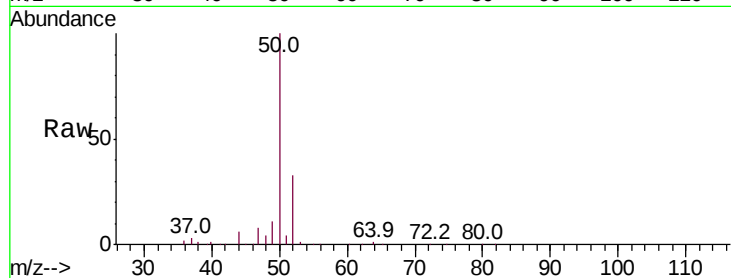
Ion Ratio Lower Upper

50 100

52 32.9 27.3 40.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.988 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010985.D

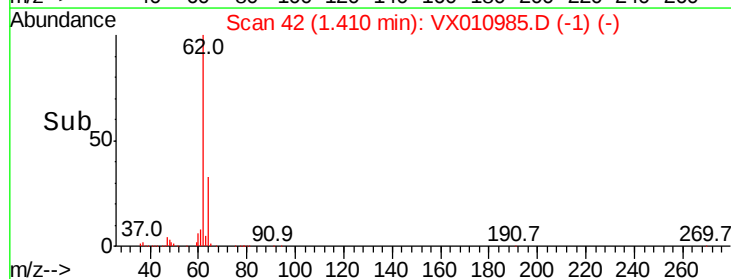
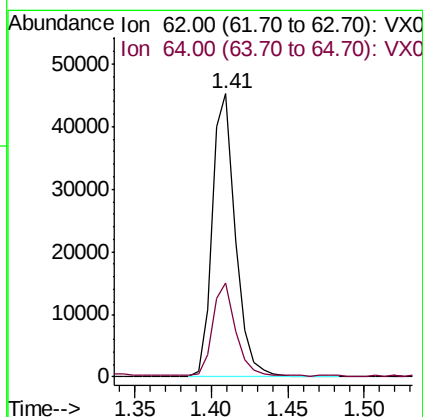
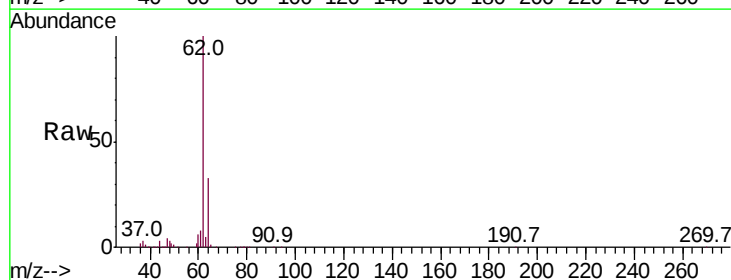
Acq: 19 Jul 2019 02:14

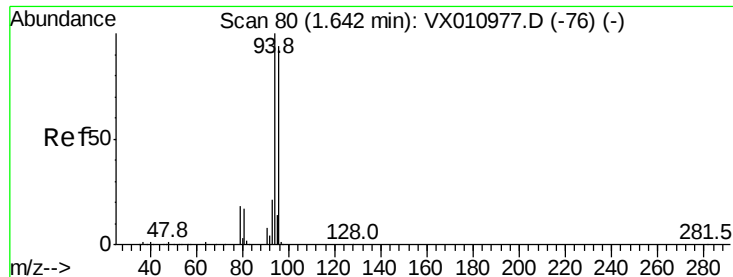
Tgt Ion: 62 Resp: 47842

Ion Ratio Lower Upper

62 100

64 32.6 26.8 40.2





#5

Bromomethane

Concen: 24.024 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

Tot Ion: 94 Resp: 31653

Ion Ratio Lower Upper

94 100

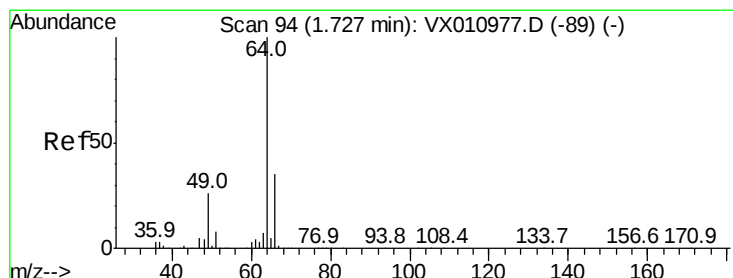
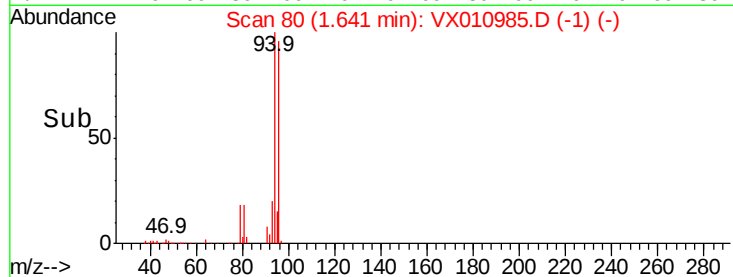
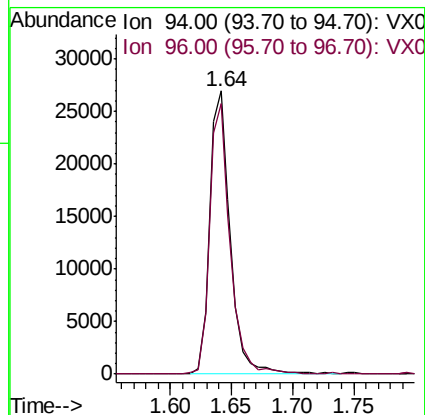
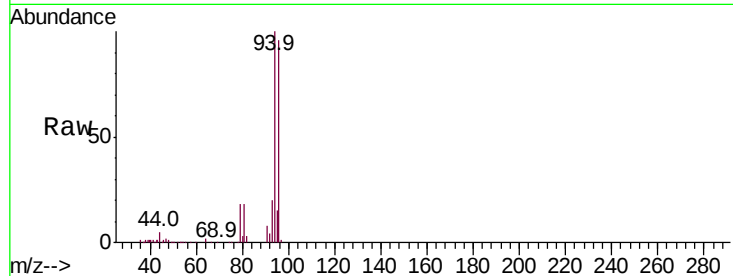
96 95.3 75.4 113.2

Manual Integrations

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#6

Chloroethane

Concen: 20.074 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX010985.D

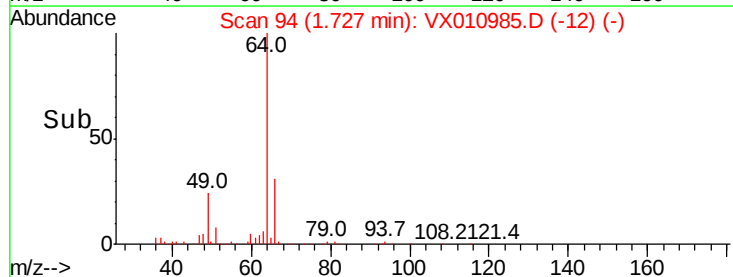
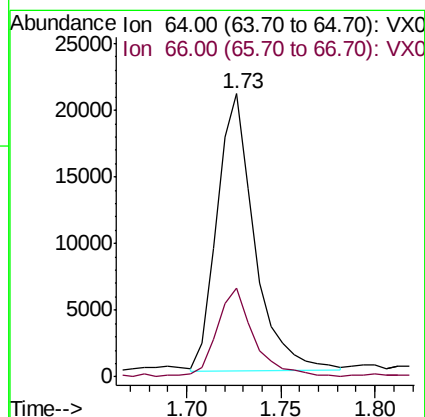
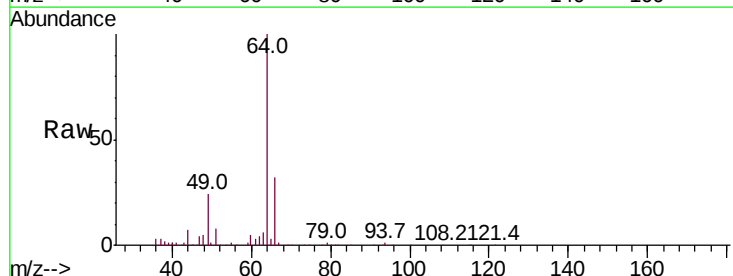
Acq: 19 Jul 2019 02:14

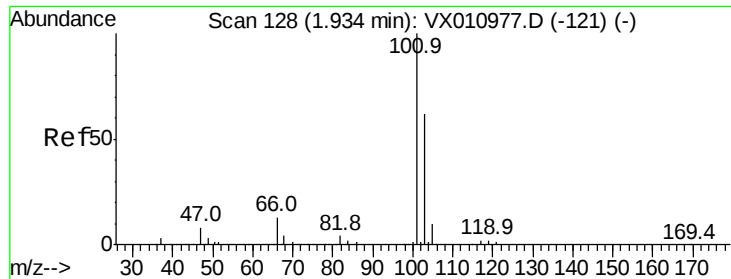
Tgt Ion: 64 Resp: 28426

Ion Ratio Lower Upper

64 100

66 32.1 28.1 42.1





#7

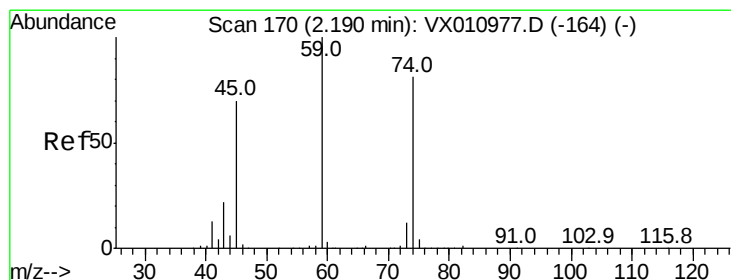
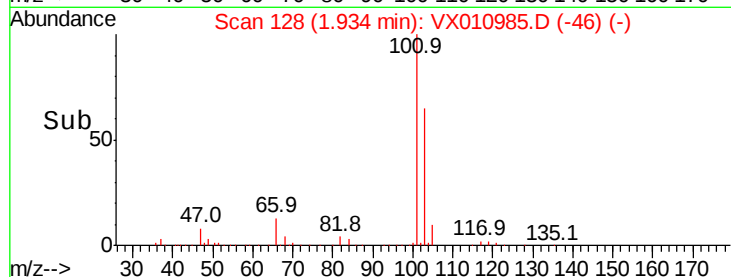
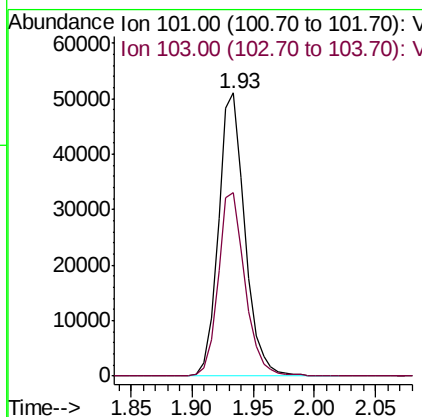
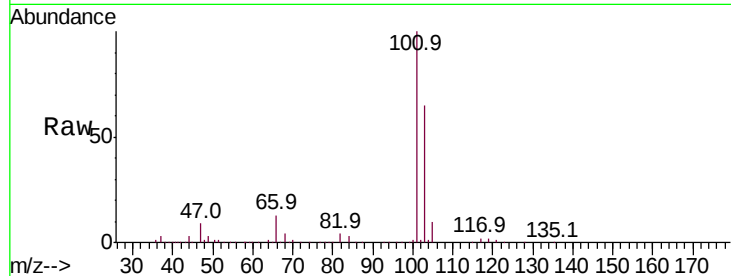
Trichlorofluoromethane
 Concen: 19.275 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Instrument :
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 ClientSampleId :
 VX0719WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	49.6	74.4

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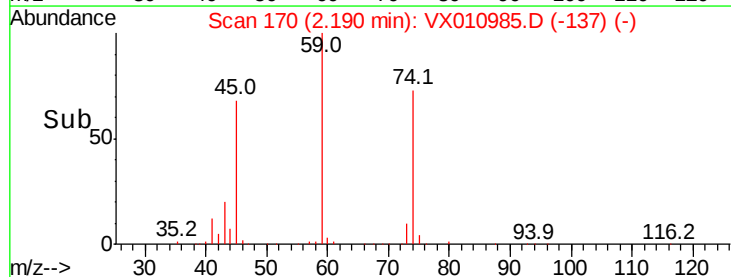
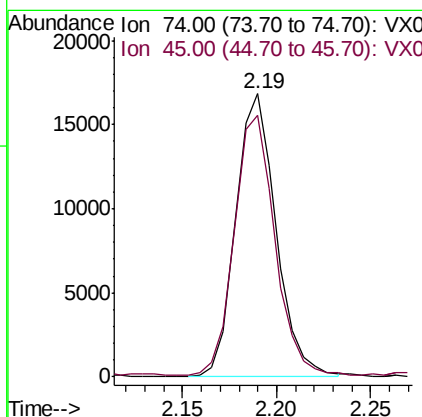
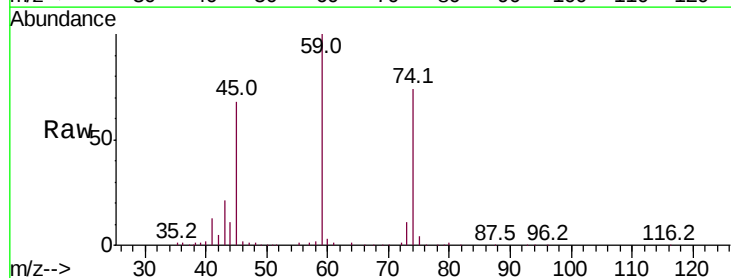
MMDadoda
 7/19/2019 3:13:09 PM

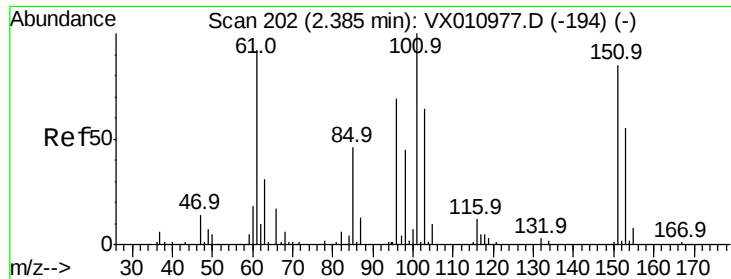


#8

Diethyl Ether
 Concen: 19.134 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.2	18.3	164.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.755 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

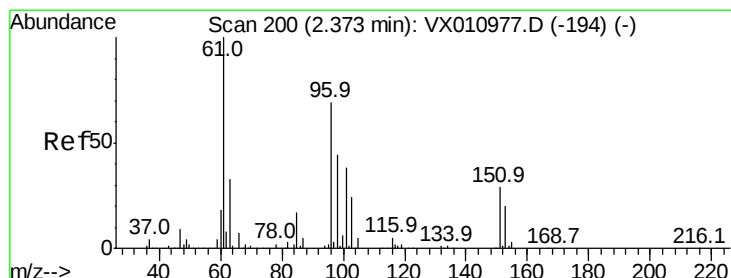
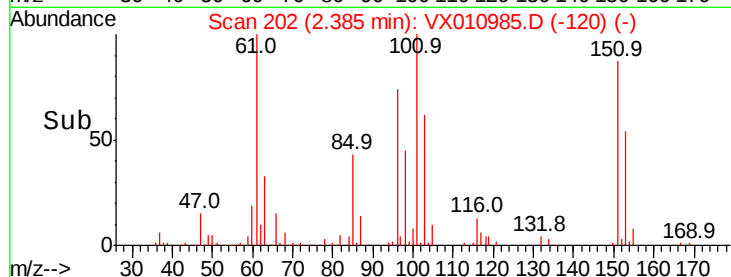
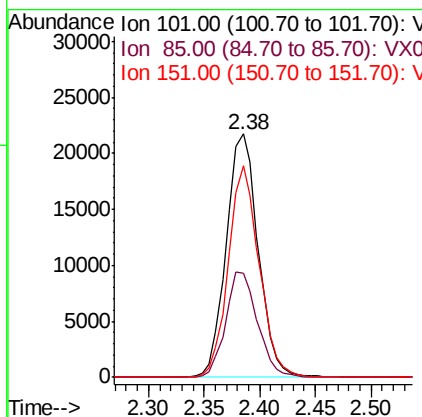
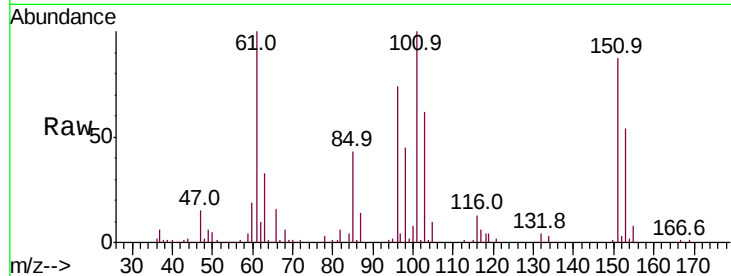
ClientSampleId :

VX0719WBS01

Tot Ion:	101	Resp:	43403
Ion Ratio	Lower	Upper	
101	100		
85	42.8	0.0	89.8
151	83.4	0.0	172.2

Manual Integrations
APPROVED

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#10

1,1-Dichloroethene

Concen: 19.713 ug/l

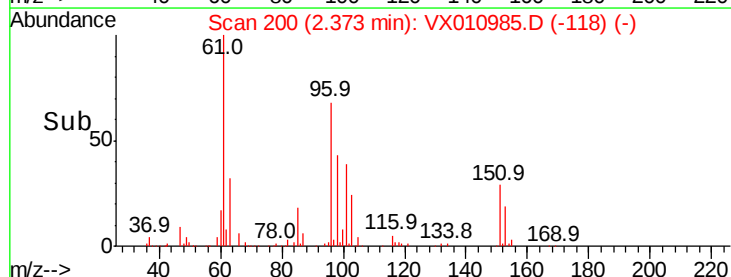
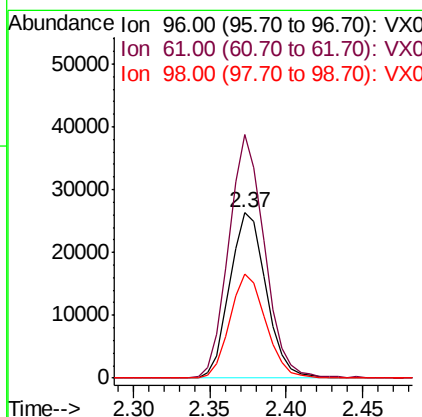
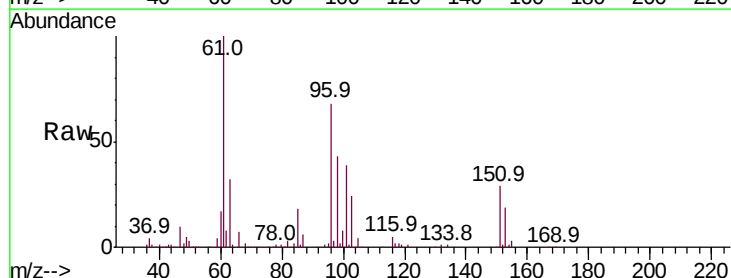
RT: 2.37 min Scan# 200

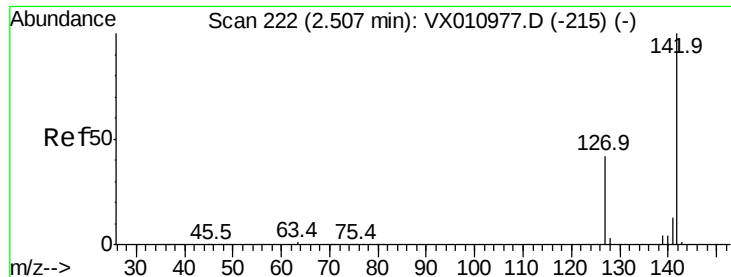
Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Tgt Ion:	96	Resp:	43526
Ion Ratio	Lower	Upper	
96	100		
61	147.1	115.9	173.9
98	63.1	50.6	75.8





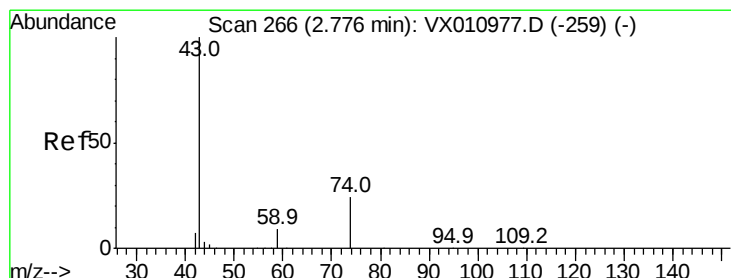
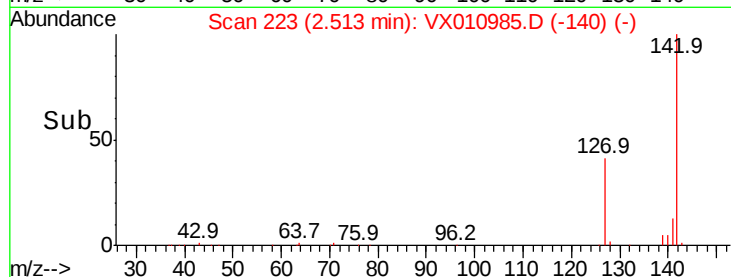
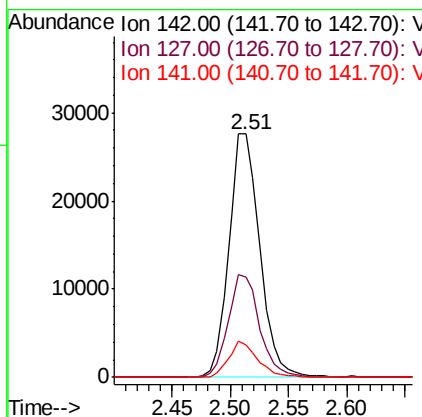
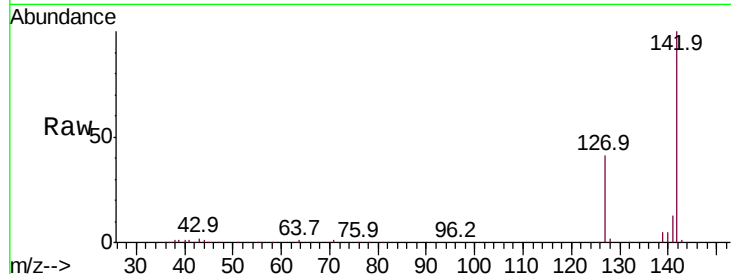
#11
Methvl Iodide
Concen: 17.164 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	41.4	20.7	62.1
141	13.1	6.7	20.0

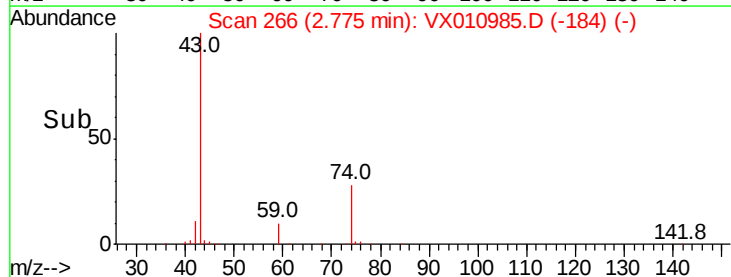
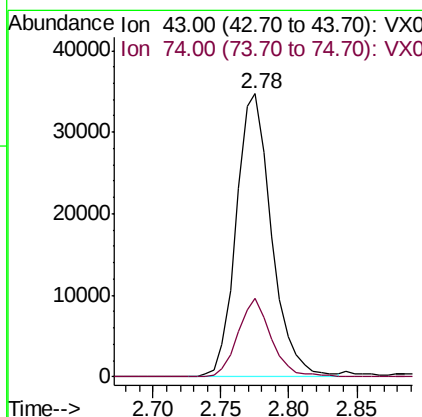
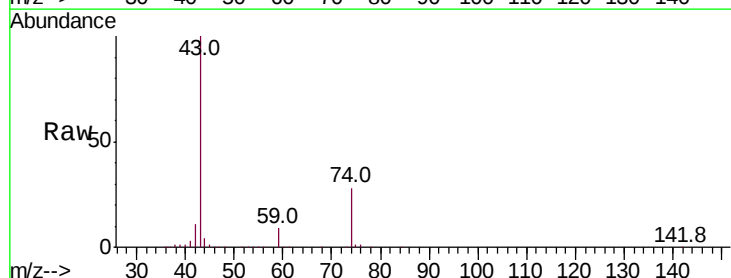
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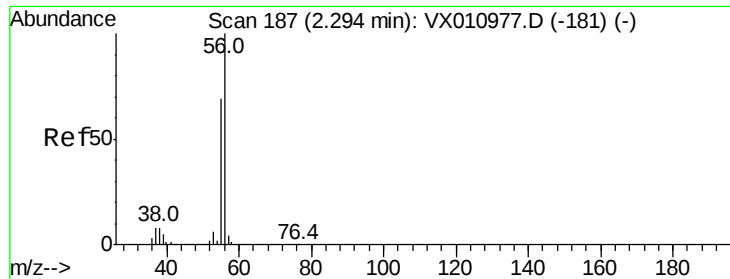
MMDadoda
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#12
Methyl Acetate
Concen: 20.058 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.6	19.8	29.6





#13

Acrolein

Concen: 94.779 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

Tot Ion: 56 Resp: 35241

Ion Ratio Lower Upper

56 100

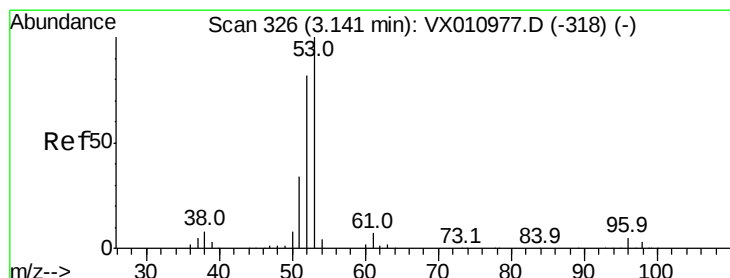
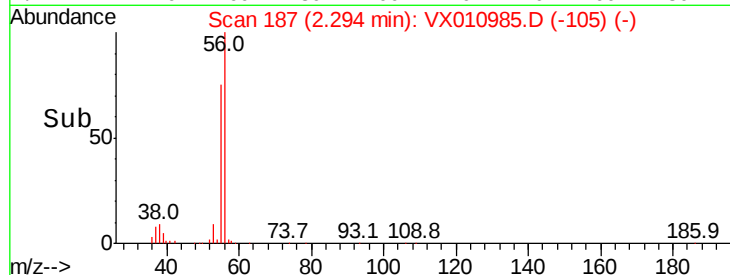
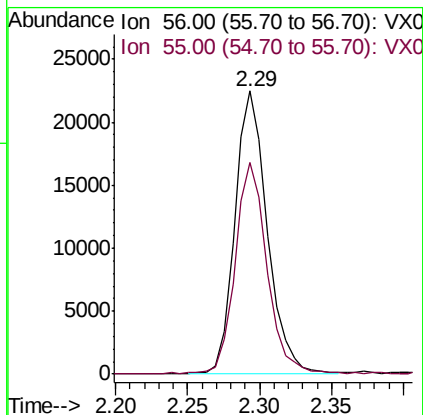
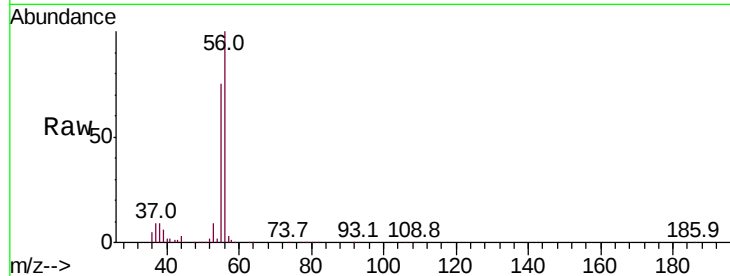
55 72.3 56.1 84.1

Manual Integrations

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#14

Acrylonitrile

Concen: 99.266 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

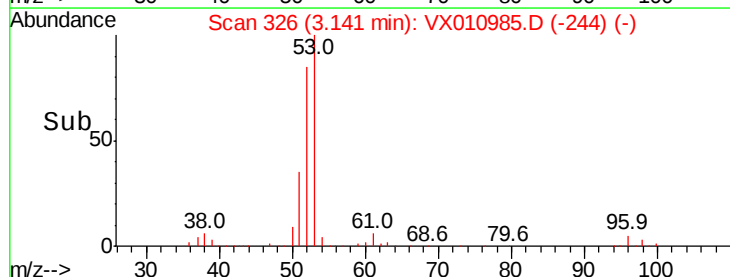
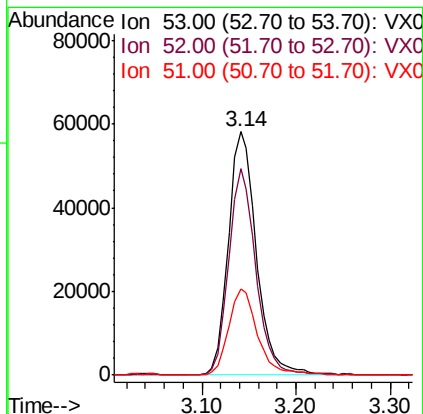
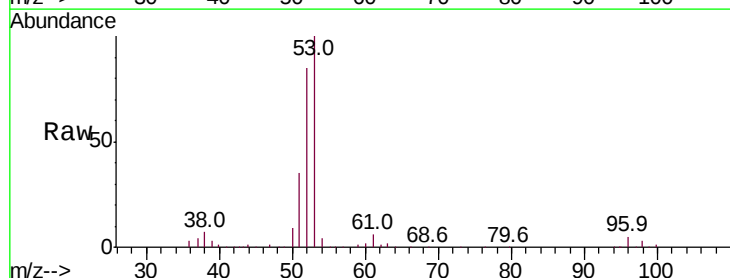
Tgt Ion: 53 Resp: 120481

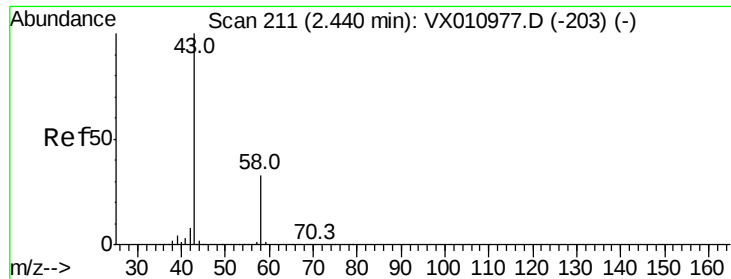
Ion Ratio Lower Upper

53 100

52 81.9 41.1 123.4

51 36.1 17.8 53.3





#15

Acetone

Concen: 99.170 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

Tot Ion: 58 Resp: 33517

Ion Ratio Lower Upper

58 100

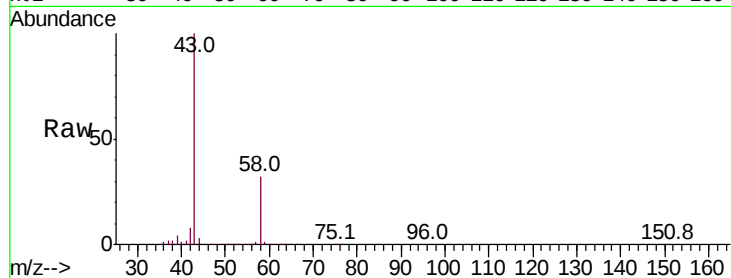
43 311.3 243.8 365.6

Manual Integrations

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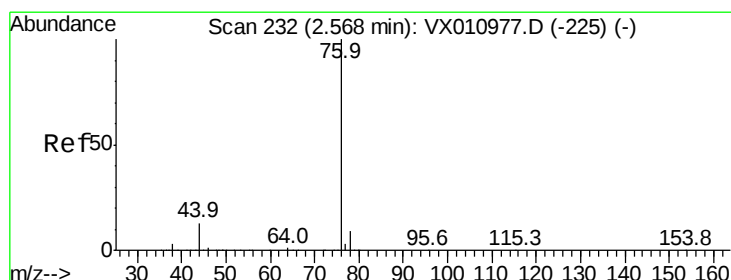
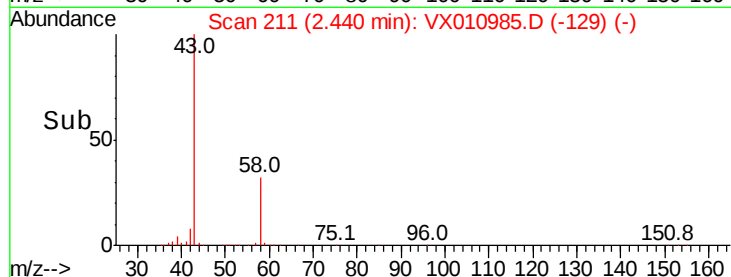
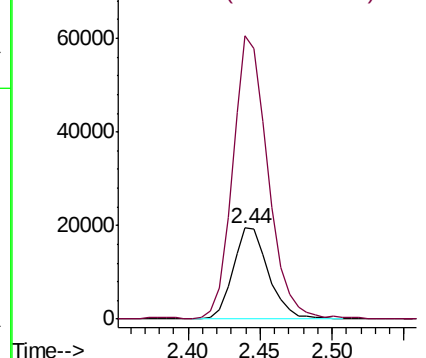
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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.048 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010985.D

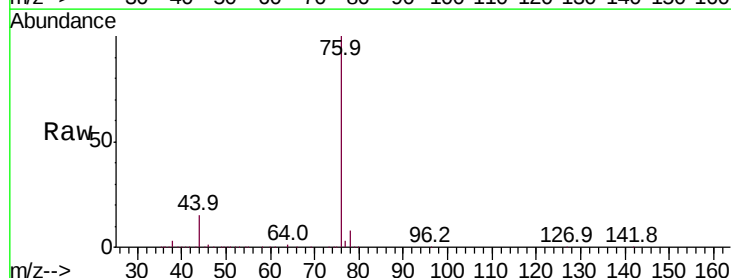
Acq: 19 Jul 2019 02:14

Tgt Ion: 76 Resp: 108068

Ion Ratio Lower Upper

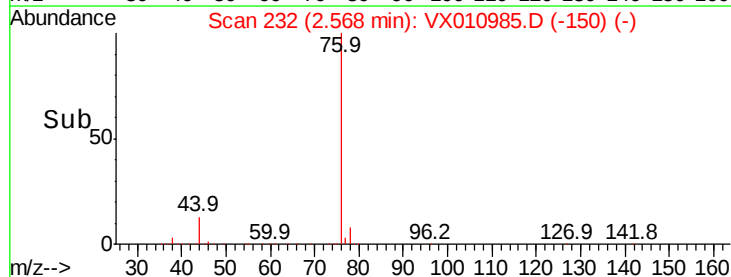
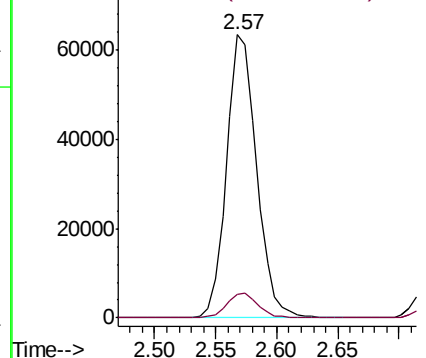
76 100

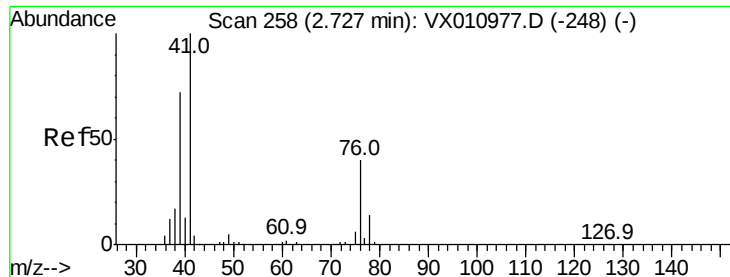
78 8.4 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allvl chloride

Concen: 18.520 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

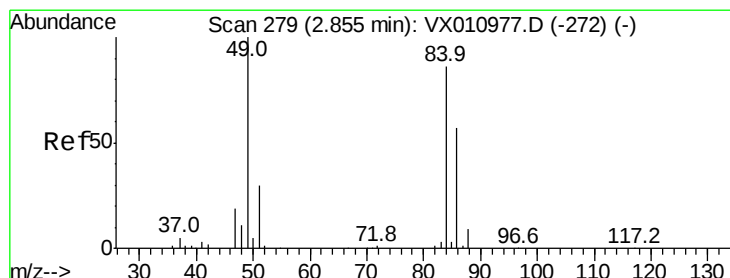
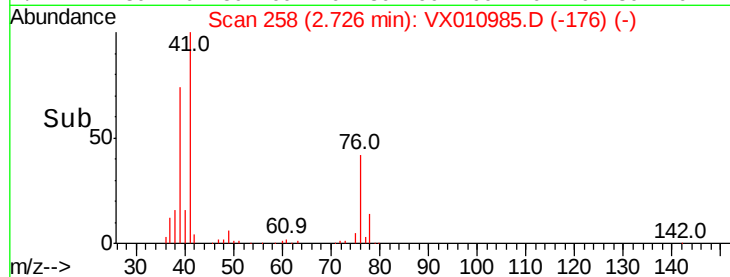
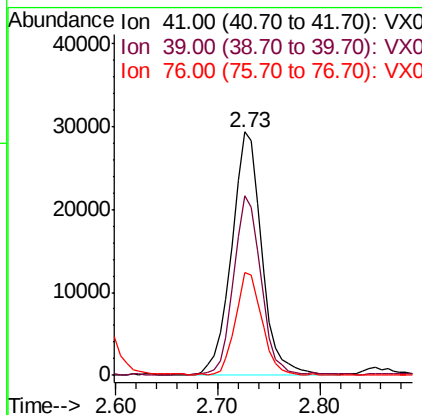
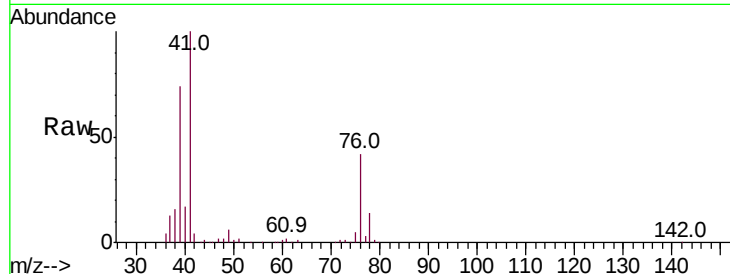
ClientSampleId :

VX0719WBS01

Tot Ion:	41	Resp:	59200
Ion	Ratio	Lower	Upper
41	100		
39	73.9	36.1	108.3
76	42.0	20.2	60.5

Manual Integrations
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#18

Methylene Chloride

Concen: 19.317 ug/l

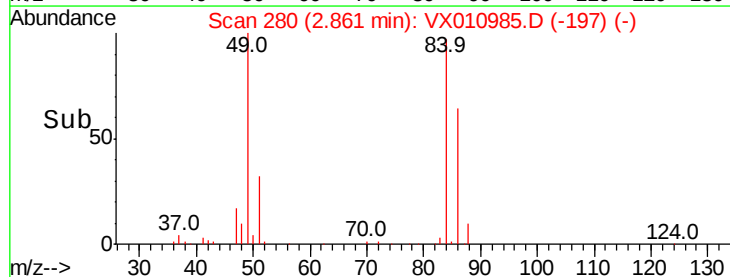
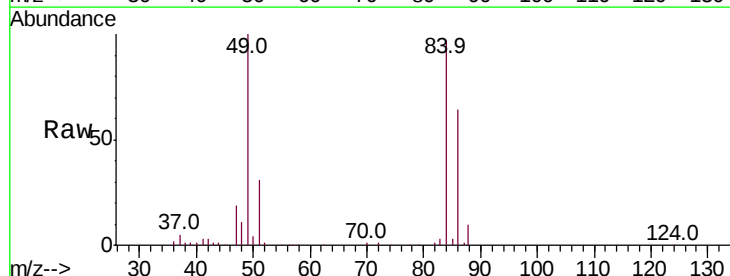
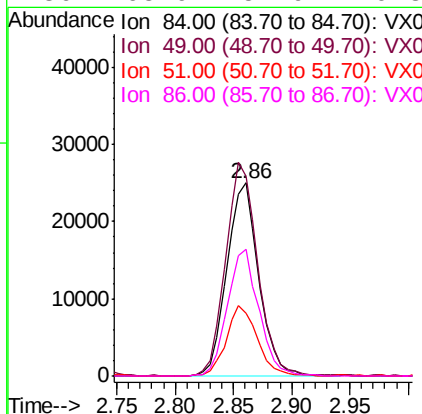
RT: 2.86 min Scan# 280

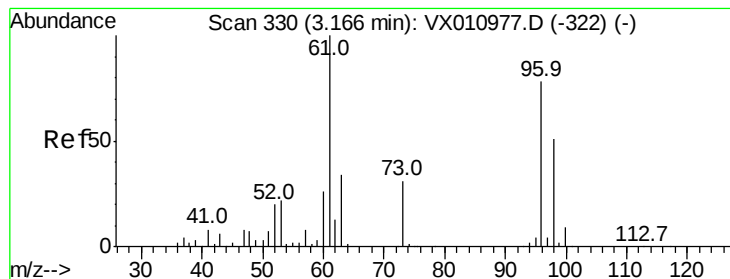
Delta R.T. 0.01 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Tgt Ion:	84	Resp:	47492
Ion	Ratio	Lower	Upper
84	100		
49	103.2	93.2	139.8
51	32.2	28.6	42.8
86	65.9	52.9	79.3





#19

trans-1,2-Dichloroethene

Concen: 19.055 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

Tot Ion: 96 Resp: 44446

Ion Ratio Lower Upper

96 100

61 123.0 102.2 153.4

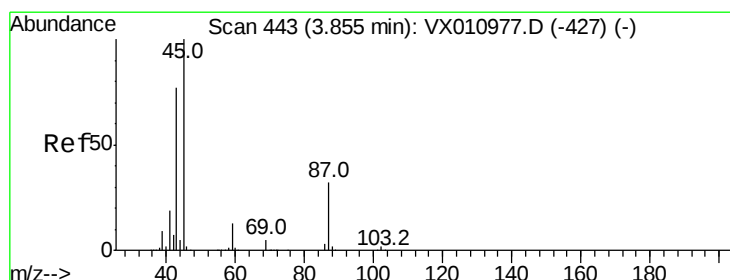
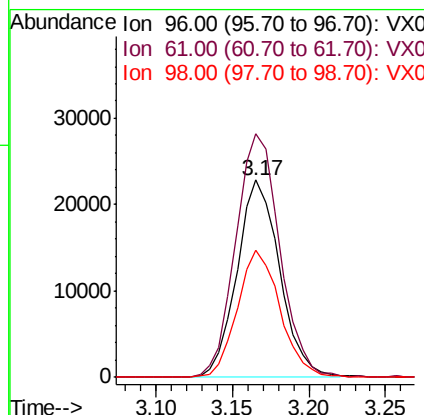
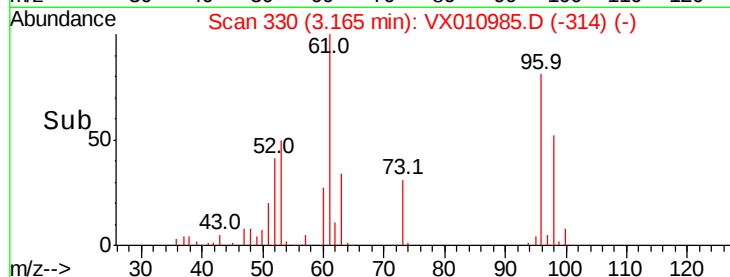
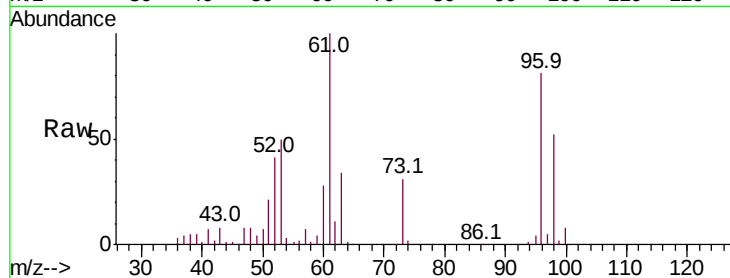
98 64.4 52.2 78.2

Manual Integrations

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#20

Diisopropyl ether

Concen: 19.322 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Tgt Ion: 45 Resp: 130386

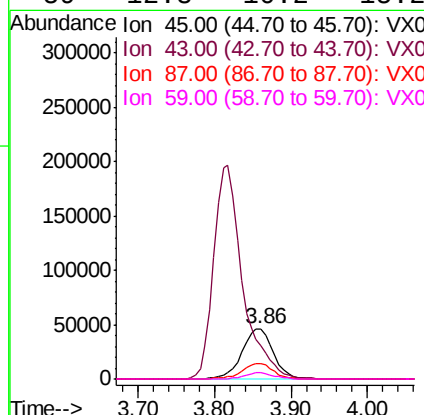
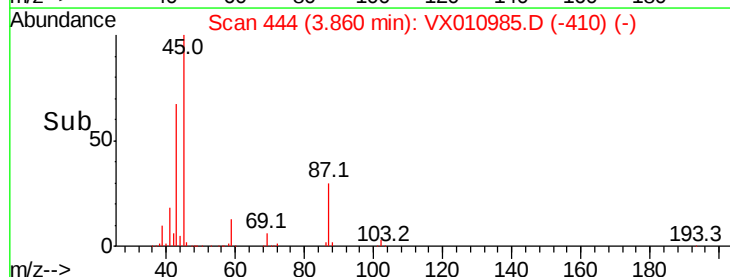
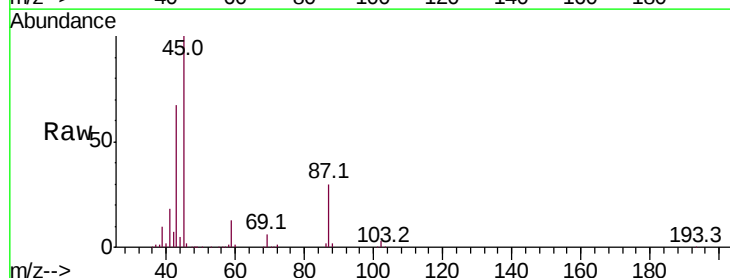
Ion Ratio Lower Upper

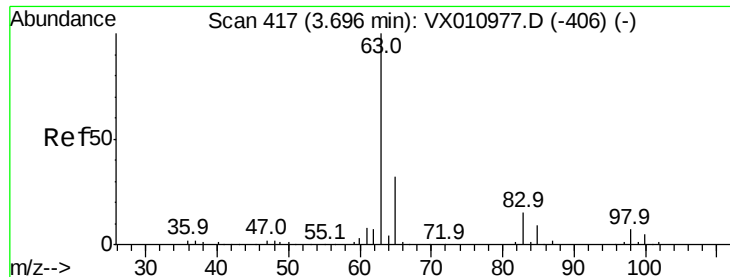
45 100

43 65.8 61.5 92.3

87 30.4 25.4 38.2

59 12.8 10.2 15.2





#21

1,1-Dichloroethane

Concen: 19.395 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

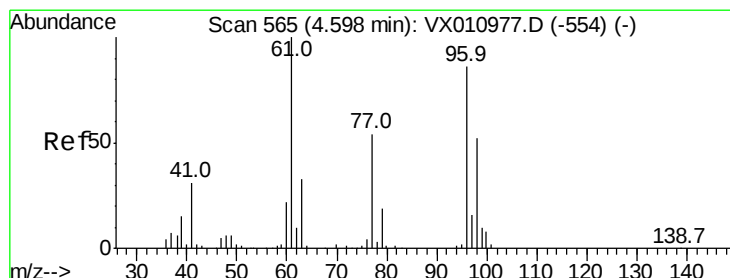
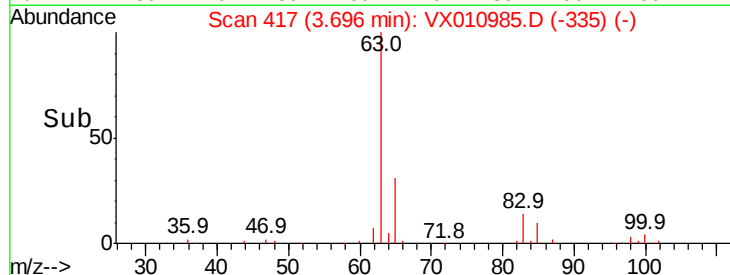
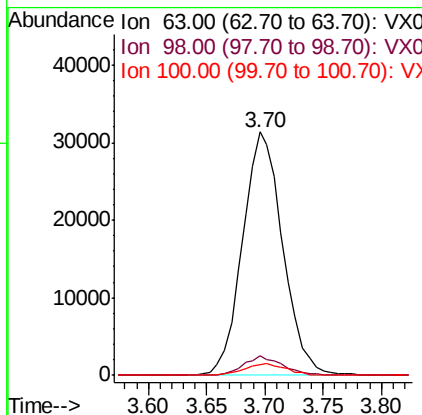
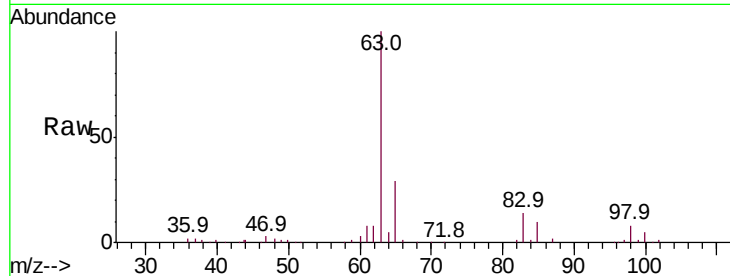
ClientSampleId :

VX0719WBS01

Tot Ion:	63	Resp:	75319
Ion	Ratio	Lower	Upper
63	100		
98	8.0	3.8	11.2
100	4.6	2.5	7.4

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#22

cis-1,2-Dichloroethene

Concen: 19.250 ug/l

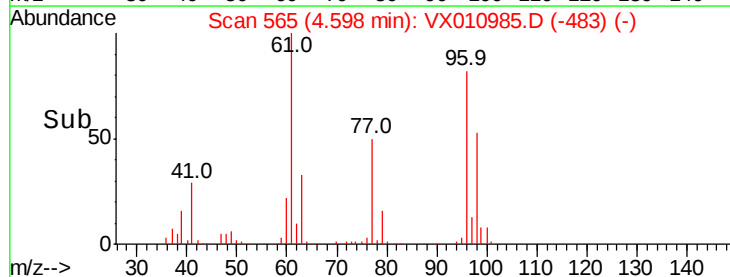
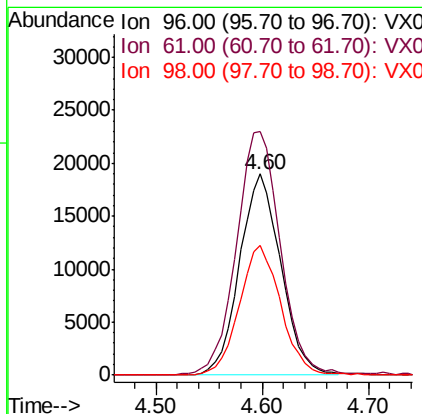
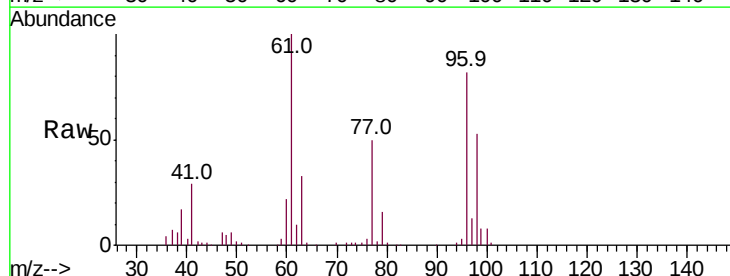
RT: 4.60 min Scan# 565

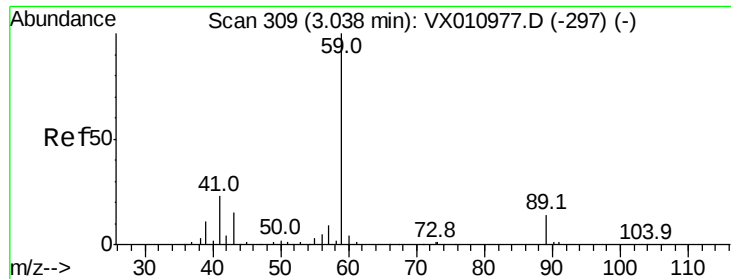
Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Tgt Ion:	96	Resp:	51640
Ion	Ratio	Lower	Upper
96	100		
61	129.1	102.9	154.3
98	64.3	50.9	76.3





#23

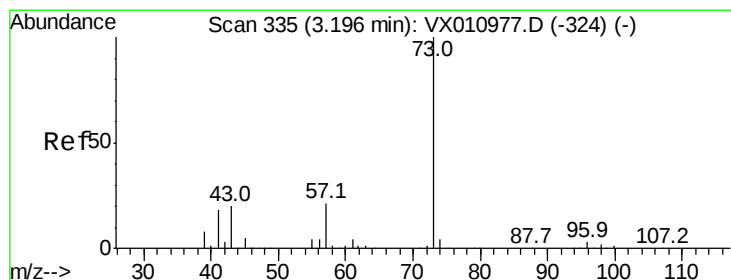
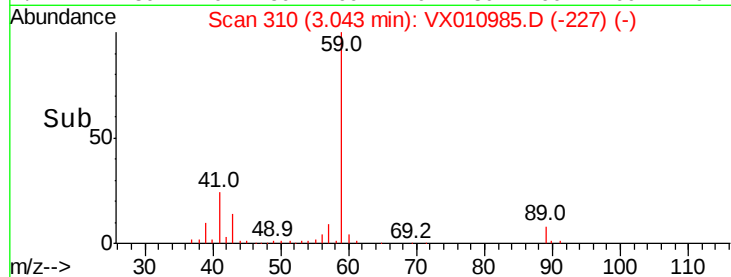
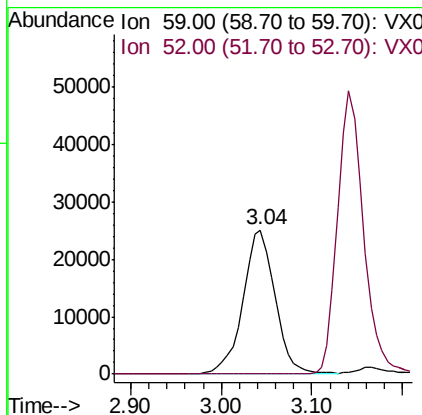
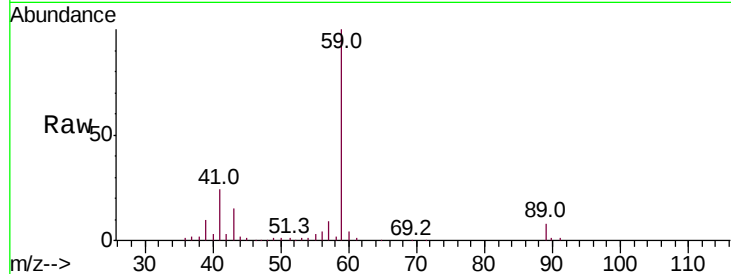
tert-Butyl Alcohol
 Concen: 97.572 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

Tot Ion	59	Ratio	Lower	Upper
59	100			
52	0.4	0.2	0.4	

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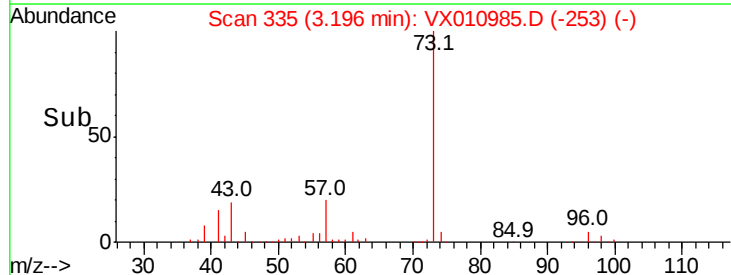
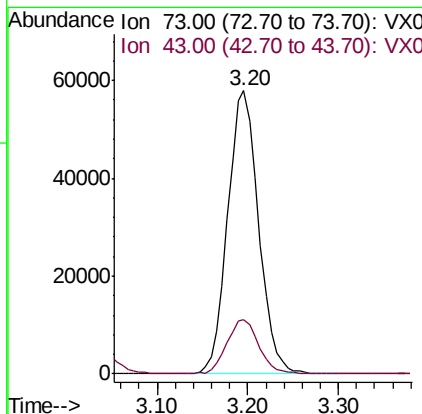
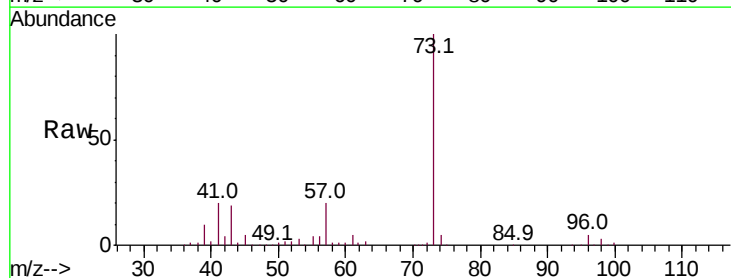
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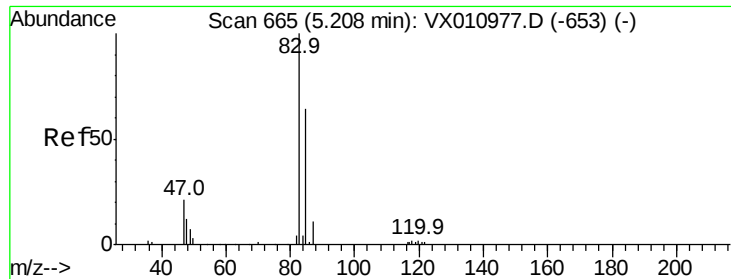


#24

Methyl tert-Butyl Ether
 Concen: 19.294 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion	73	Ratio	Lower	Upper
73	100			
43	19.3	15.8	23.6	





#25

Chloroform

Concen: 18.999 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

Tot Ion: 83 Resp: 80807

Ion Ratio Lower Upper

83 100

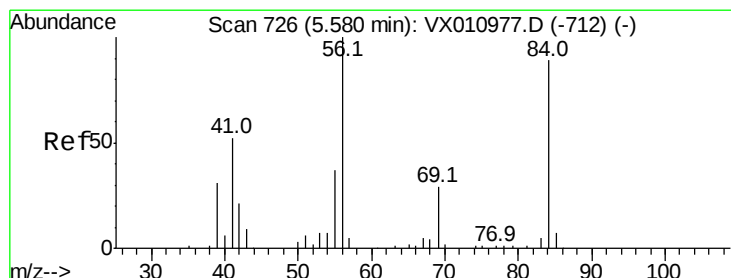
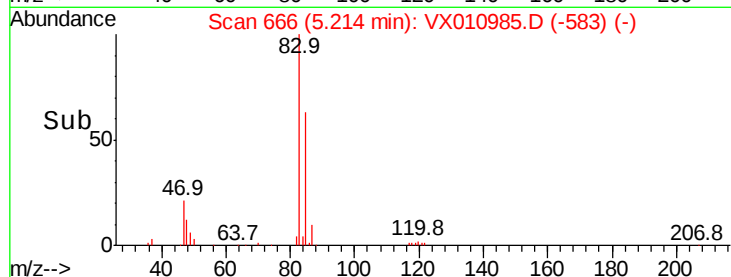
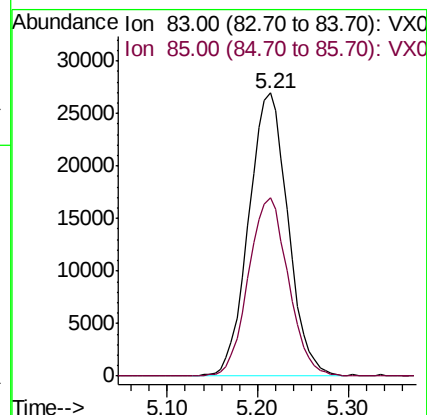
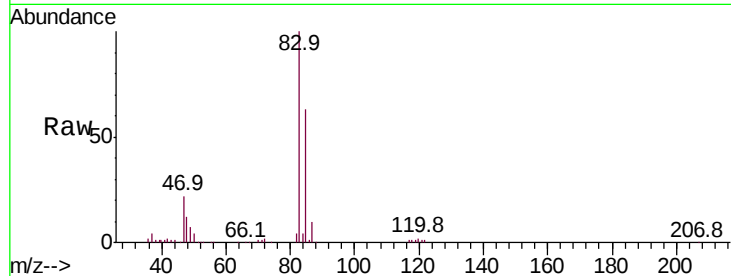
85 62.9 50.9 76.3

Manual Integrations

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#26

Cyclohexane

Concen: 18.932 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

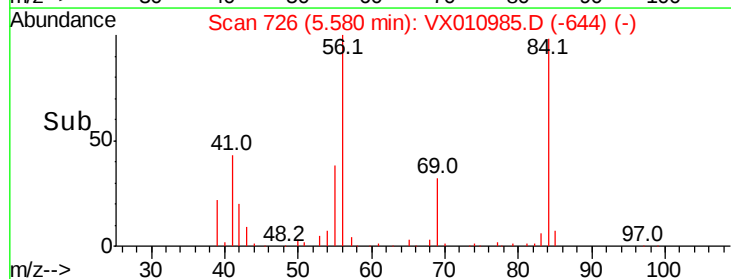
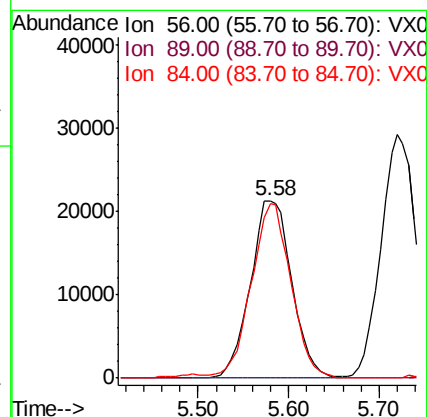
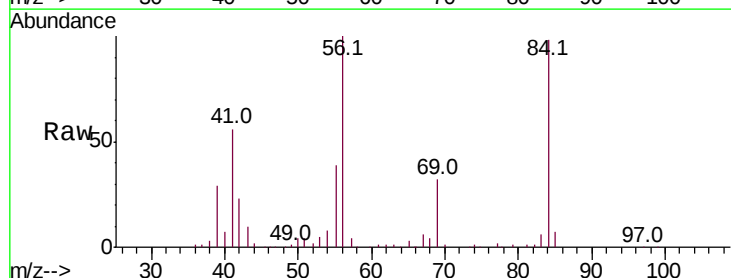
Tgt Ion: 56 Resp: 67274

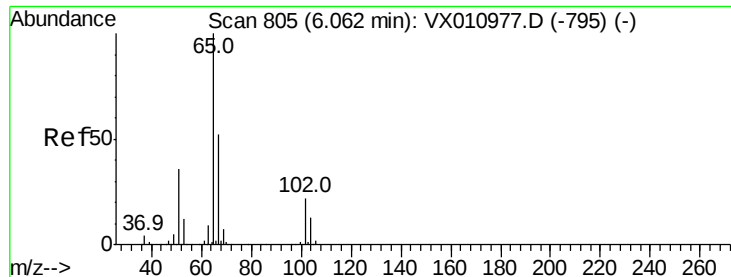
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 94.2 73.0 109.4





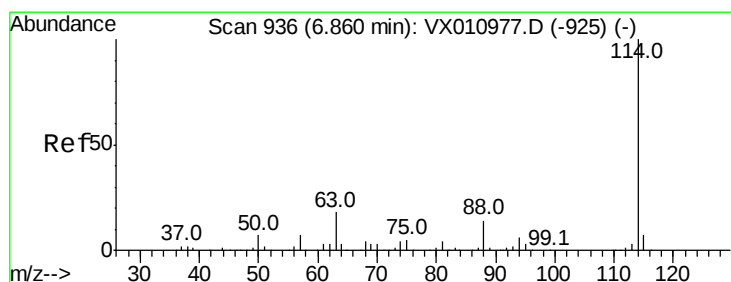
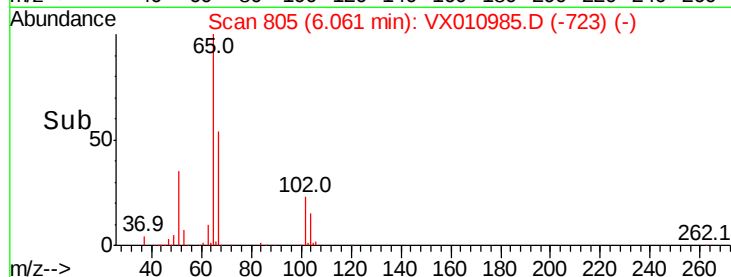
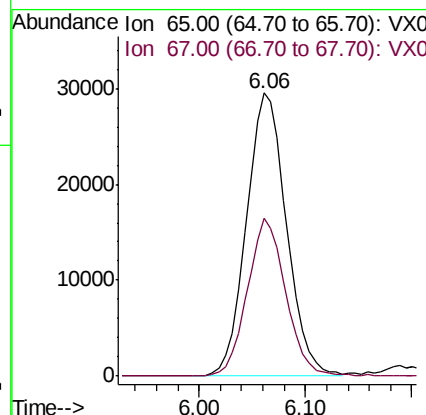
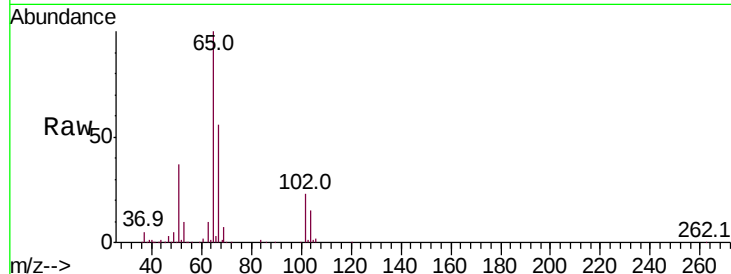
#27
 1,2-Dichloroethane-d4
 Concen: 29.078 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.4	41.7	62.5

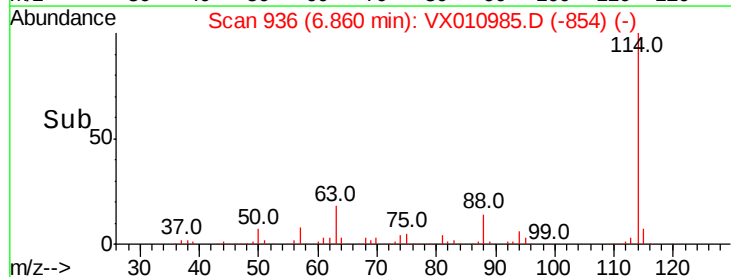
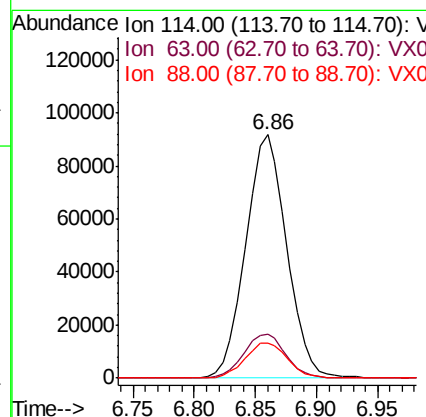
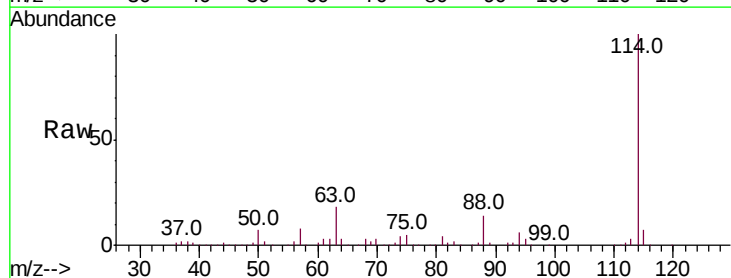
Manual Integrations
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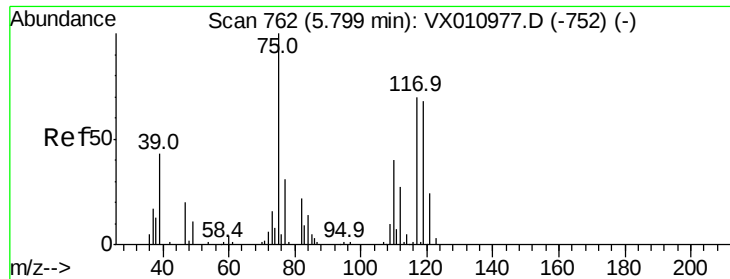
MMDadoda
 7/19/2019 3:13:09 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.7	14.6	22.0
88	15.0	11.8	17.8





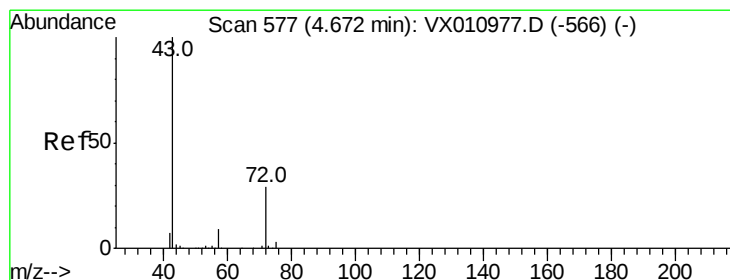
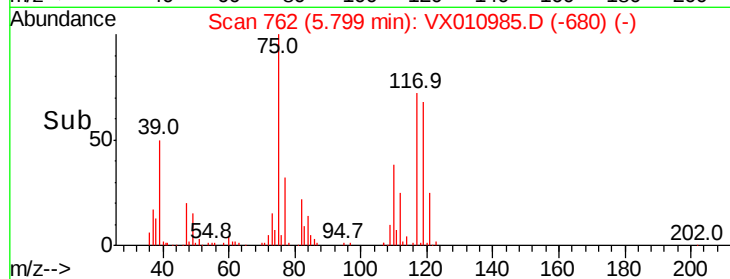
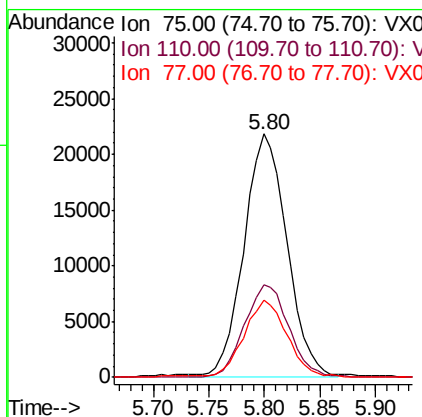
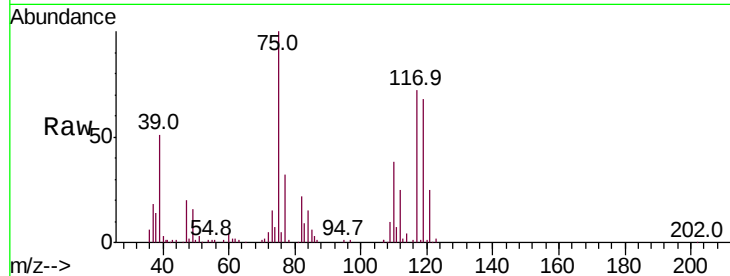
#29
 1,1-Dichloropropene
 Concen: 19.614 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	39.1	0.0	79.8
77	31.8	0.0	62.2

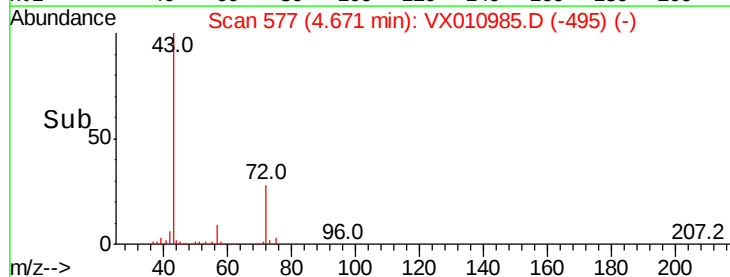
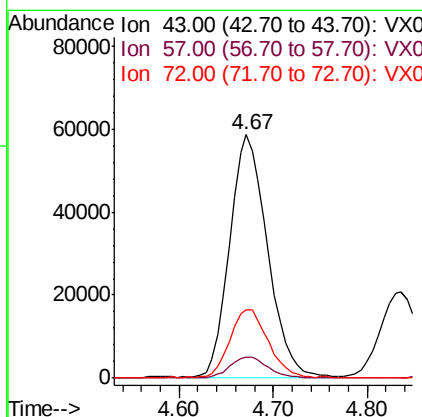
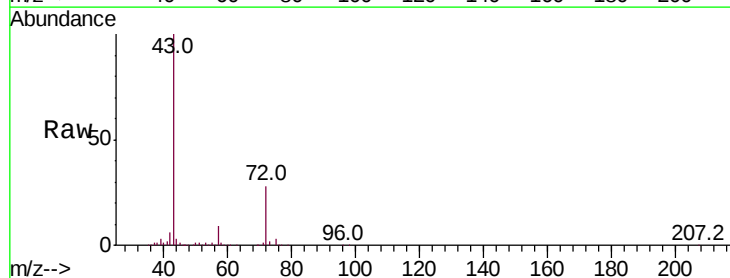
Manual Integrations
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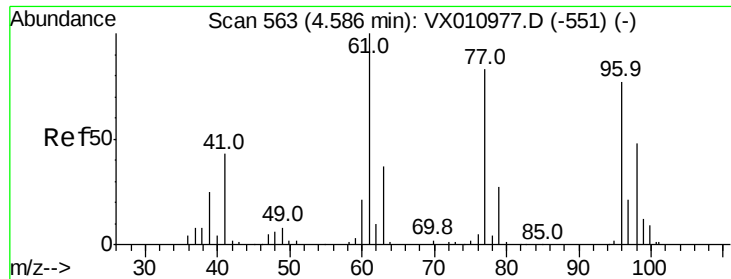
MMDadoda
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#30
 2-Butanone
 Concen: 100.904 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.9	6.8	10.2
72	28.9	23.2	34.8





#31

2,2-Dichloropropane

Concen: 16.835 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

Tot Ion: 77 Resp: 44144

Ion Ratio Lower Upper

77 100

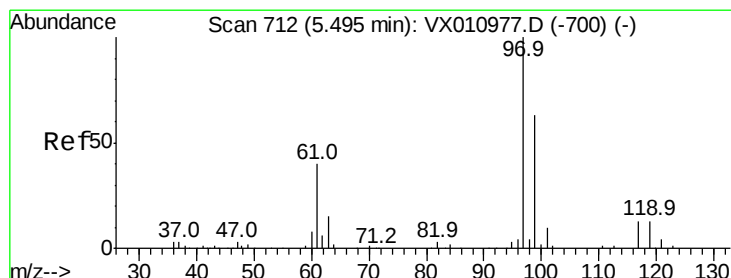
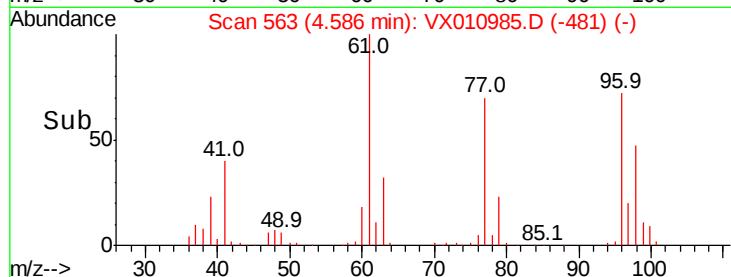
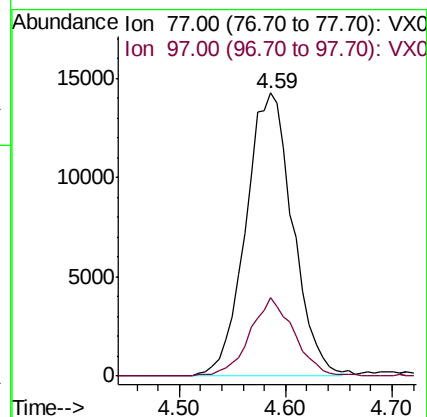
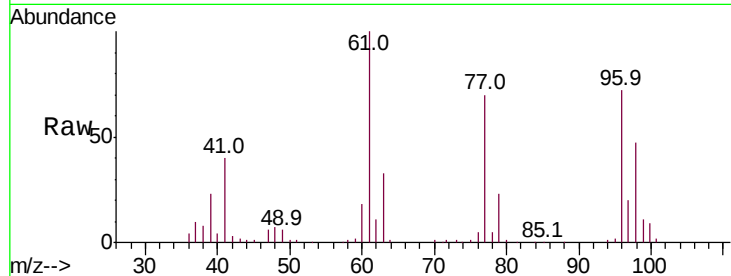
97 25.3 20.9 31.3

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.036 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

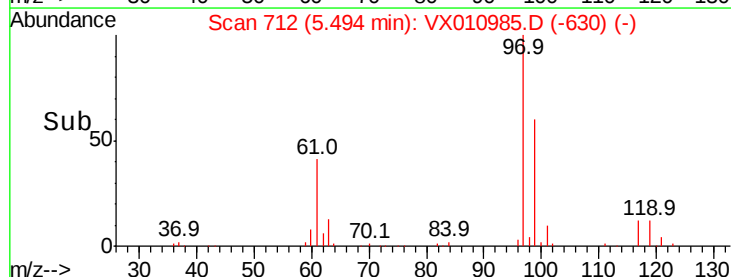
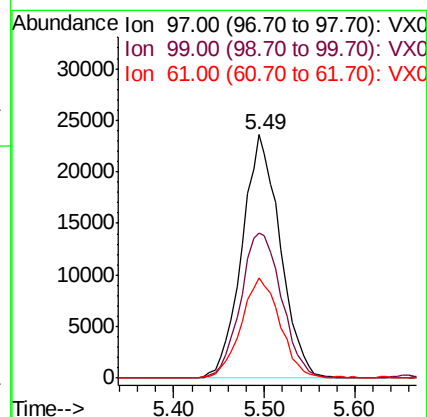
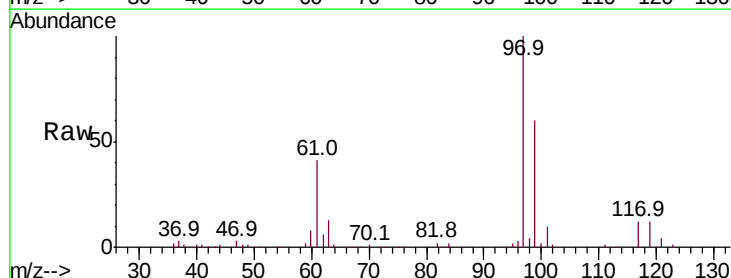
Tgt Ion: 97 Resp: 68957

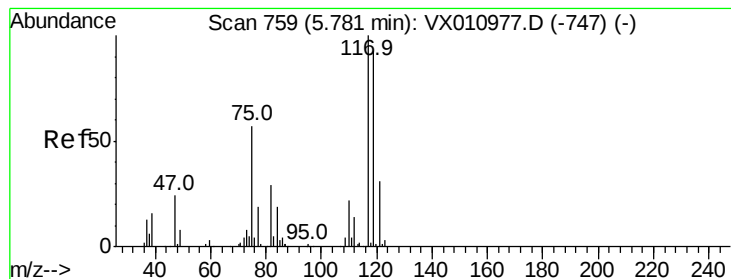
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.6

61 42.0 34.3 51.5





#33

Carbon Tetrachloride

Concen: 18.653 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

Tot Ion:117 Resp: 58749

Ion Ratio Lower Upper

117 100

119 94.0 74.3 111.5

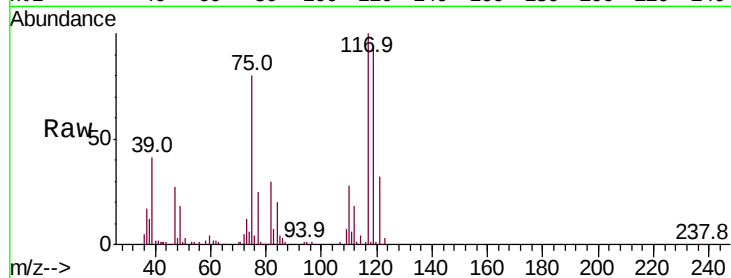
121 32.2 24.9 37.3

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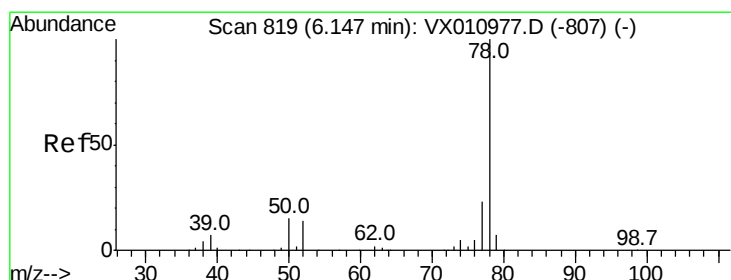
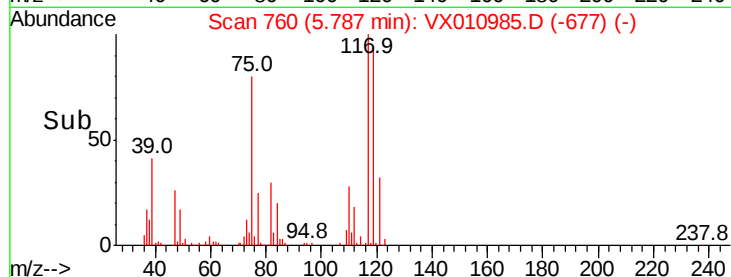
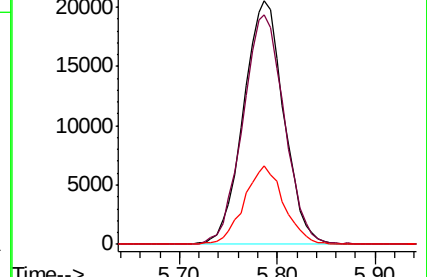
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Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.885 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

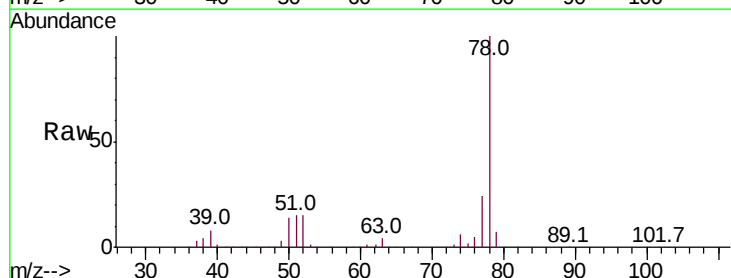
Tgt Ion: 78 Resp: 179182

Ion Ratio Lower Upper

78 100

77 24.2 18.2 27.4

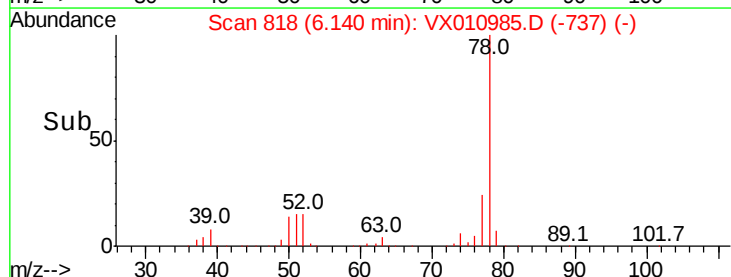
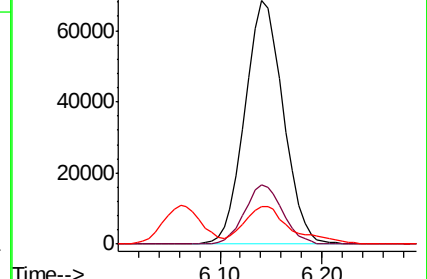
51 14.4 11.4 17.2

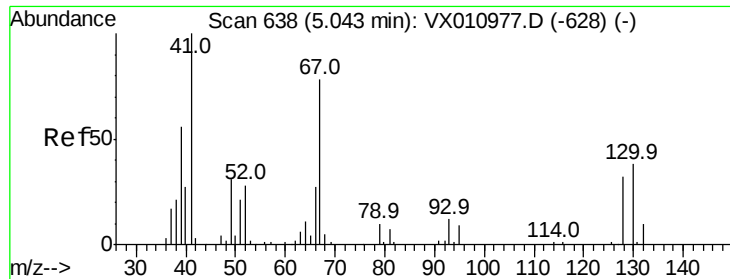


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#35

Methacrylonitrile

Concen: 19.382 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

Tot Ion: 41 Resp: 32718

Ion Ratio Lower Upper

41 100

39 52.7 27.6 82.8

67 79.7 39.1 117.2

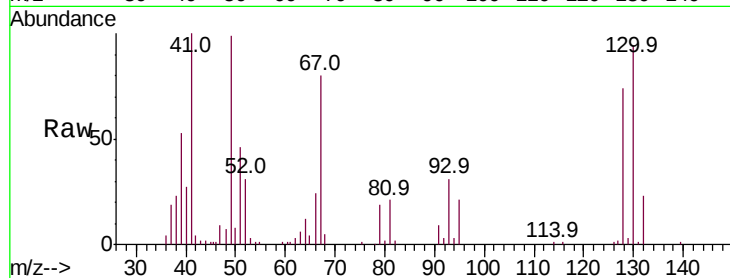
52 30.5 14.0 42.0

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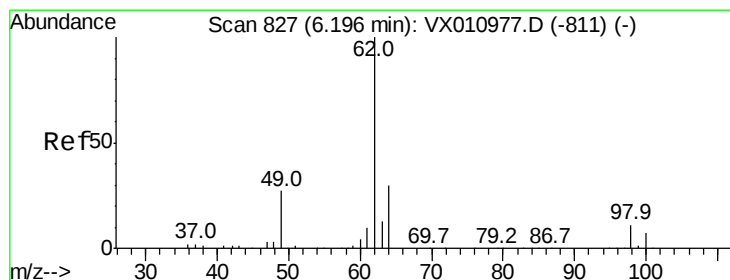
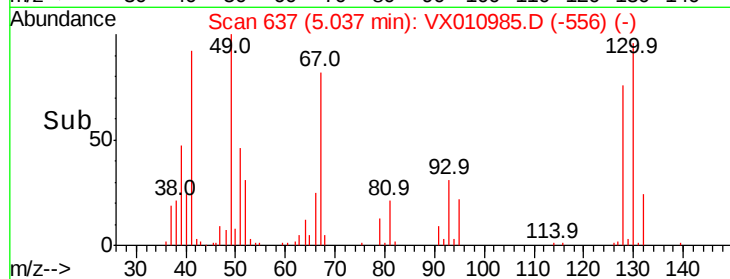
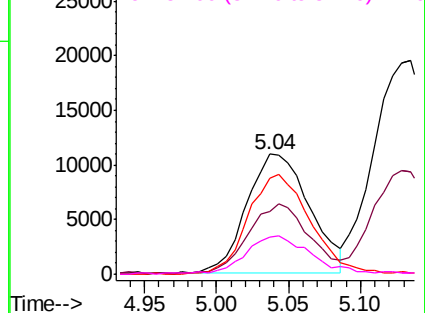


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#36

1,2-Dichloroethane

Concen: 19.642 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX010985.D

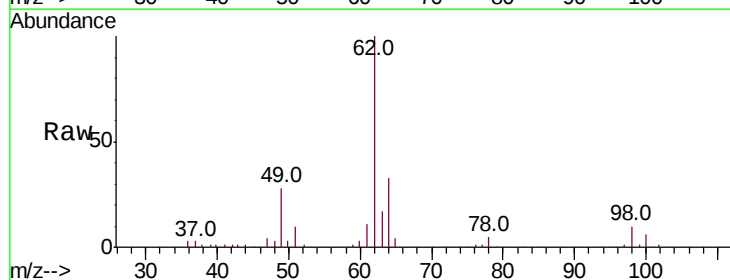
Acq: 19 Jul 2019 02:14

Tgt Ion: 62 Resp: 63285

Ion Ratio Lower Upper

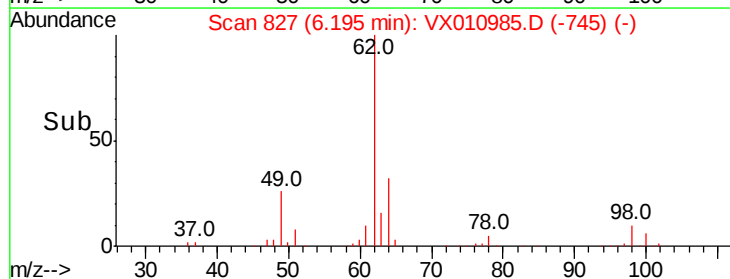
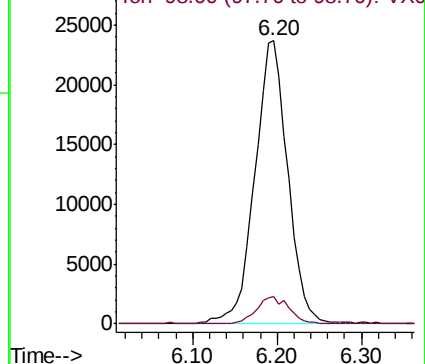
62 100

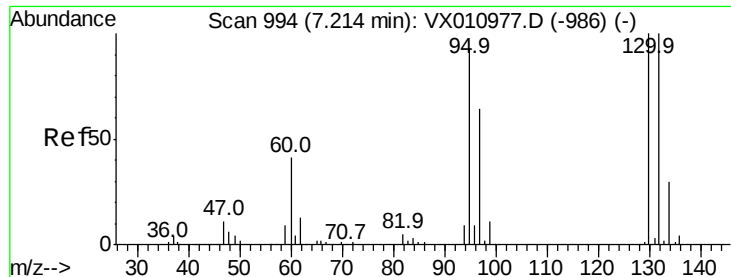
98 9.5 8.0 12.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





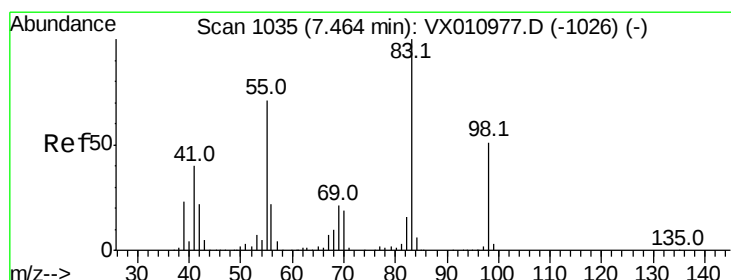
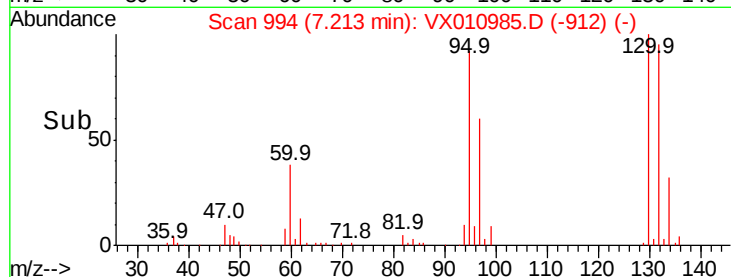
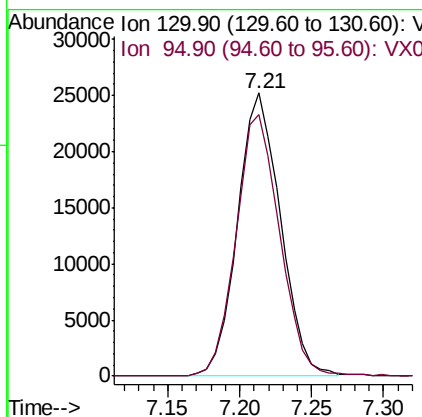
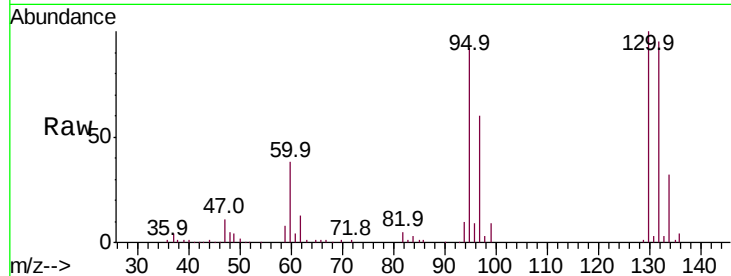
#37
 Trichloroethene
 Concen: 19.783 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

Tot Ion:130 Resp: 52188
 Ion Ratio Lower Upper
 130 100
 95 92.2 74.1 111.1

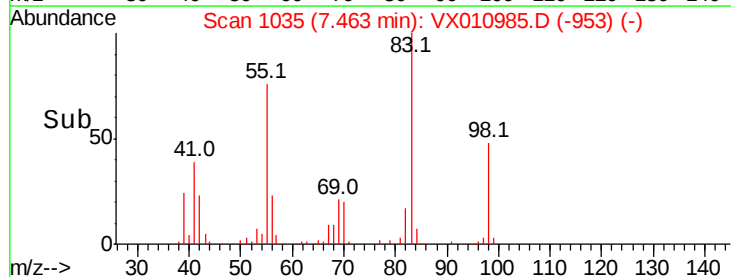
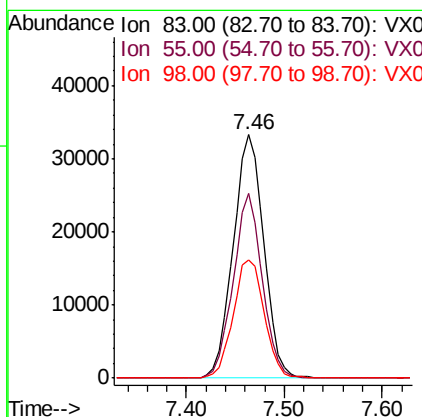
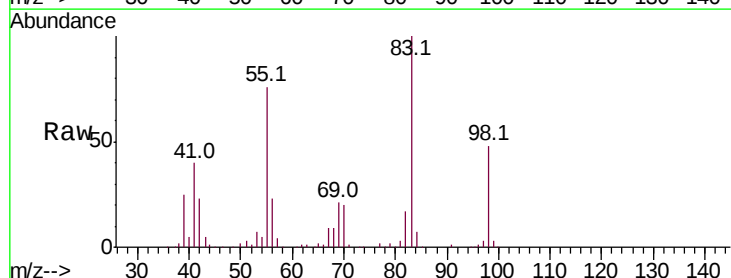
Manual Integrations
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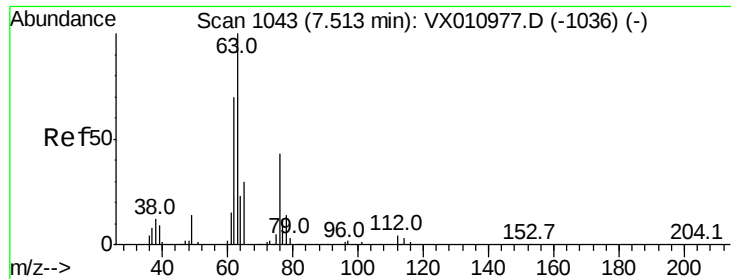
MMDadoda
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#38
 Methylcyclohexane
 Concen: 19.098 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion: 83 Resp: 72403
 Ion Ratio Lower Upper
 83 100
 55 71.9 35.3 105.9
 98 49.2 24.0 72.0





#39

1,2-Dichloropropane

Concen: 19.736 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

Tot Ion: 63 Resp: 44453

Ion Ratio Lower Upper

63 100

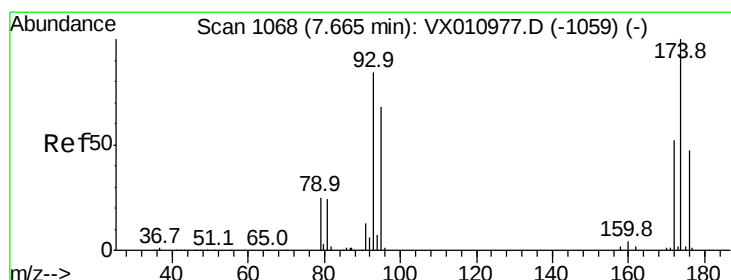
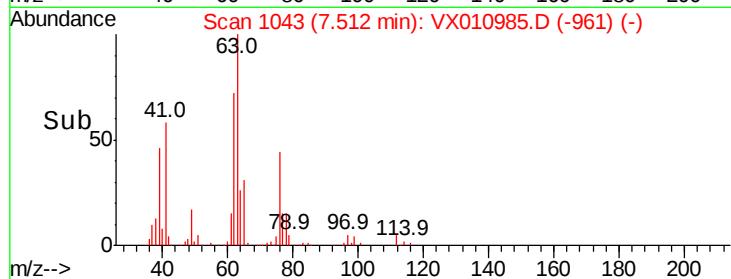
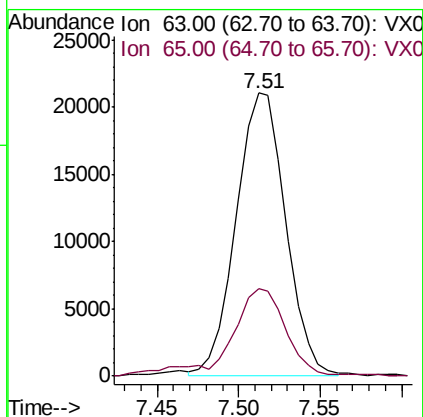
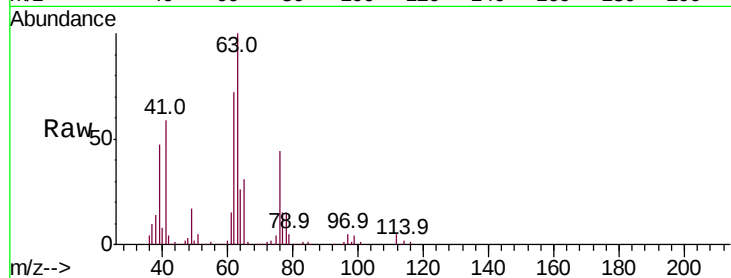
65 30.5 25.6 38.4

Manual Integrations

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#40

Dibromomethane

Concen: 20.036 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

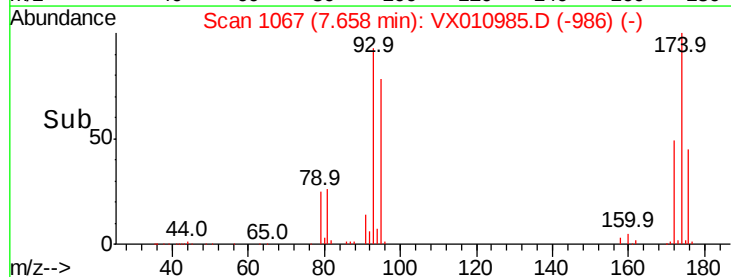
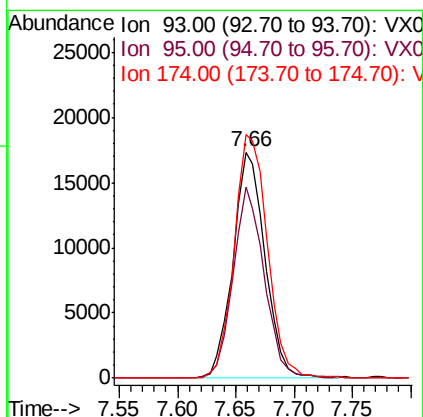
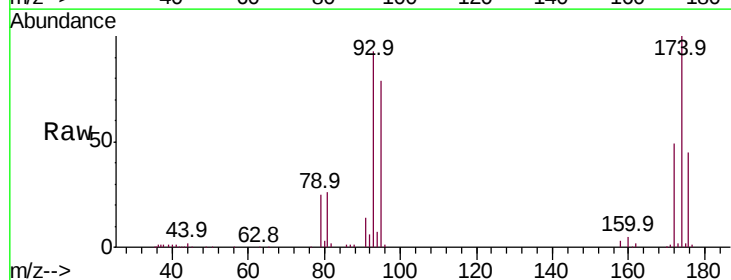
Tgt Ion: 93 Resp: 33190

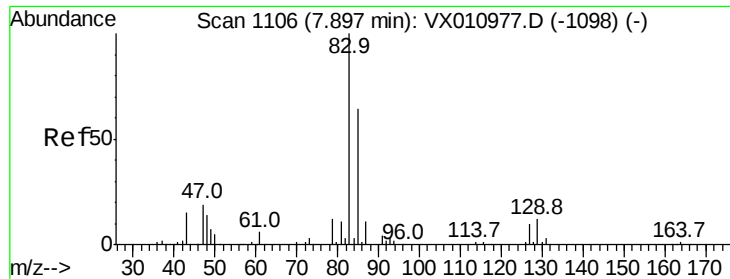
Ion Ratio Lower Upper

93 100

95 82.3 0.0 166.0

174 111.6 0.0 229.2





#41

Bromodichloromethane

Concen: 18.913 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

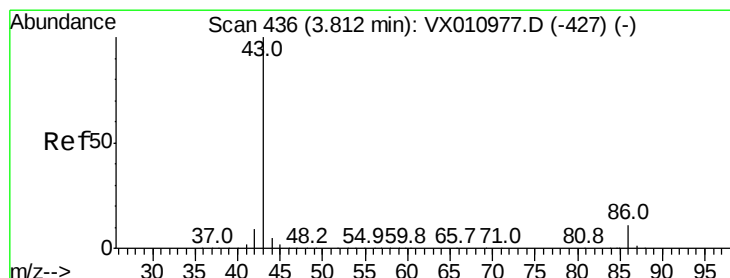
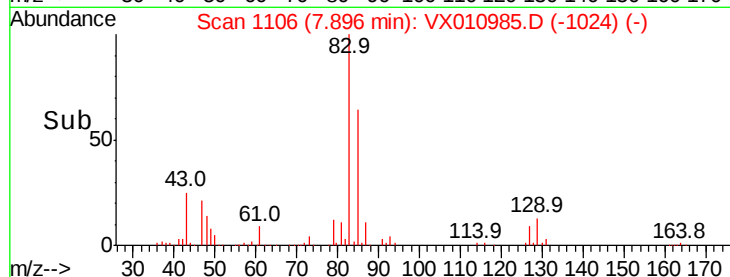
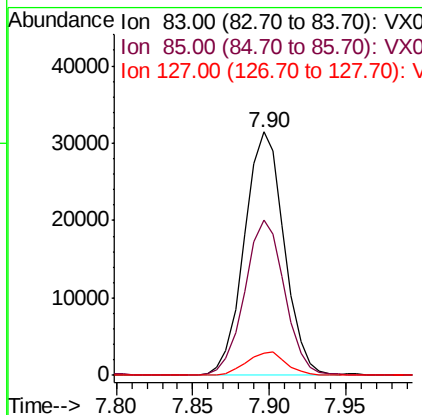
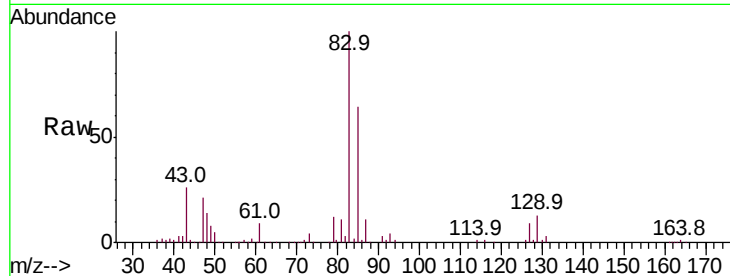
ClientSampleId :

VX0719WBS01

Tot Ion:	83	Resp:	57025
Ion Ratio	Lower	Upper	
83	100		
85	63.9	50.9	76.3
127	9.1	7.7	11.5

Manual Integrations
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#42

Vinyl Acetate

Concen: 96.712 ug/l

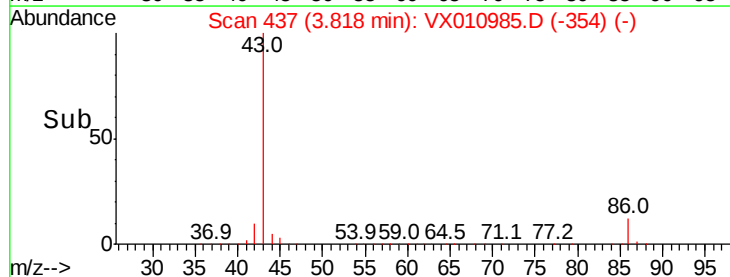
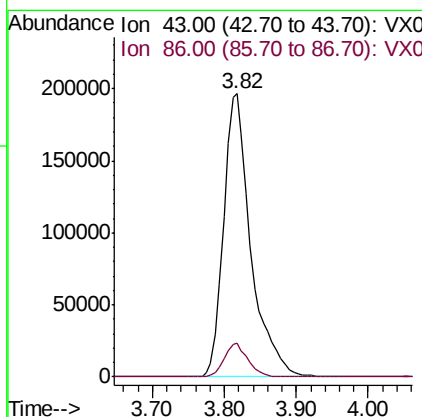
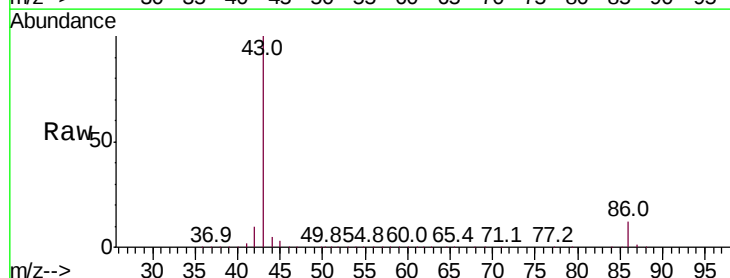
RT: 3.82 min Scan# 437

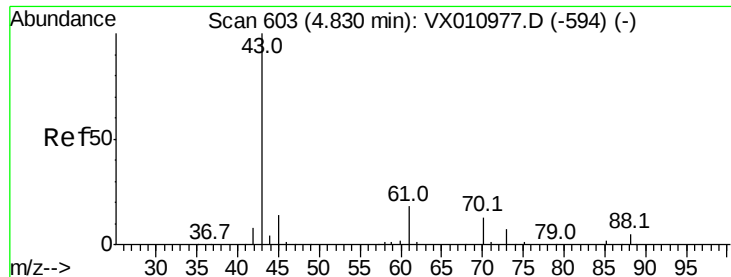
Delta R.T. 0.01 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Tgt Ion:	43	Resp:	516661
Ion Ratio	Lower	Upper	
43	100		
86	10.1	8.2	12.2





#43

Ethyl Acetate

Concen: 20.302 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

Tot Ion: 43 Resp: 63193

Ion Ratio Lower Upper

43 100

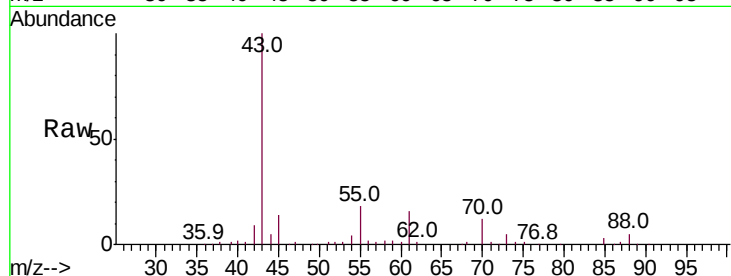
45 15.0 12.1 18.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

40000

30000

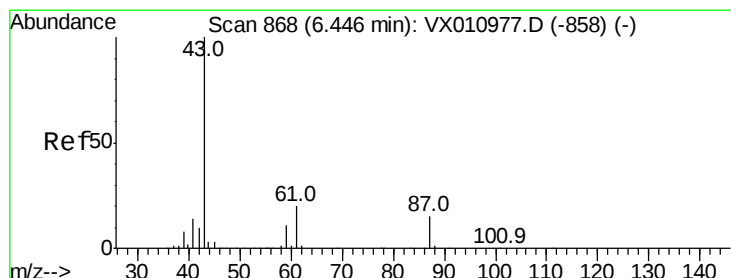
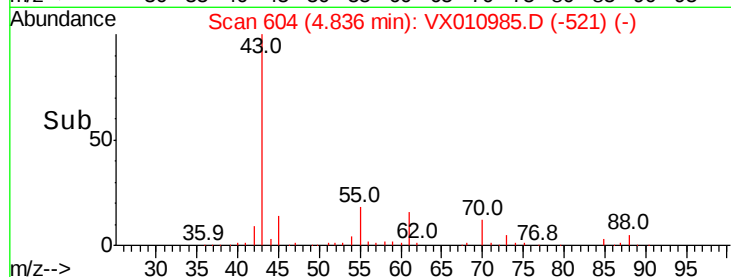
20000

10000

0

4.70 4.80 4.90 5.00

Time-->



#44

Isopropyl Acetate

Concen: 19.519 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010985.D

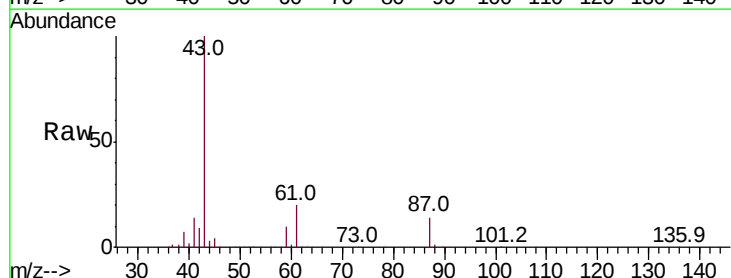
Acq: 19 Jul 2019 02:14

Tgt Ion: 43 Resp: 98957

Ion Ratio Lower Upper

43 100

61 20.4 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

40000

30000

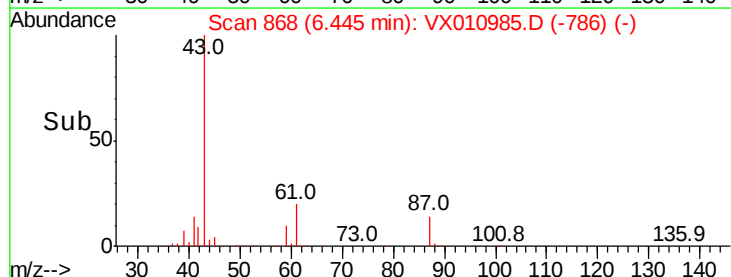
20000

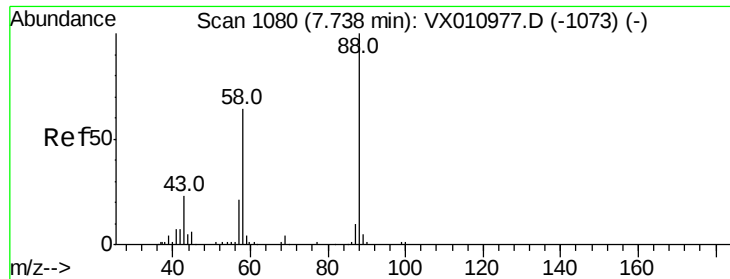
10000

0

6.40 6.50

Time-->





#45

1,4-Dioxane

Concen: 413.103 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

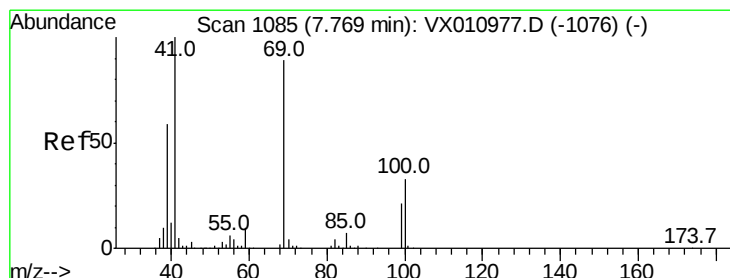
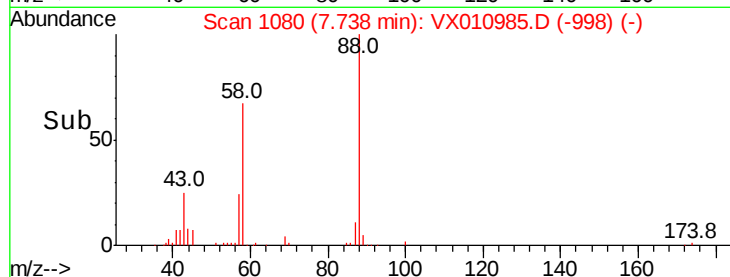
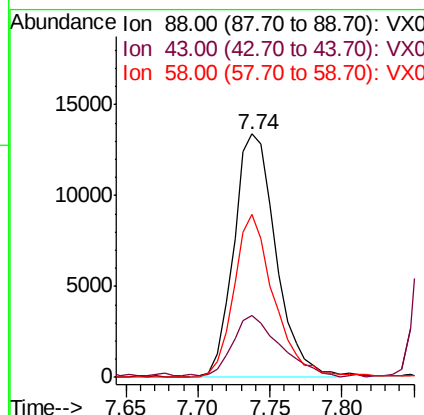
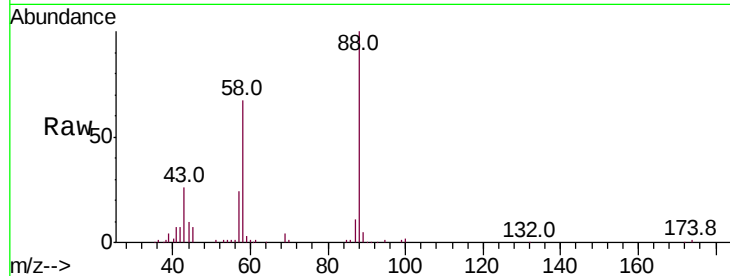
ClientSampleId :

VX0719WBS01

Tot Ion:	88	Resp:	27259
Ion	Ratio	Lower	Upper
88	100		
43	29.2	21.6	32.4
58	63.2	52.2	78.2

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#46

Methyl methacrylate

Concen: 19.628 ug/l

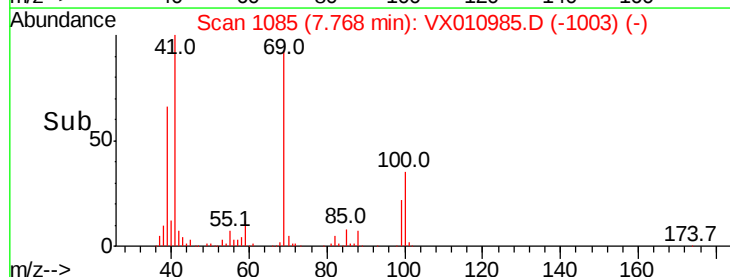
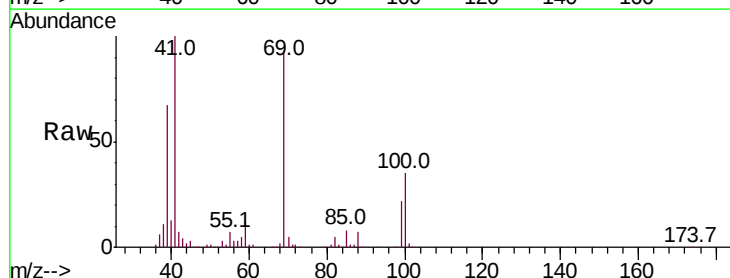
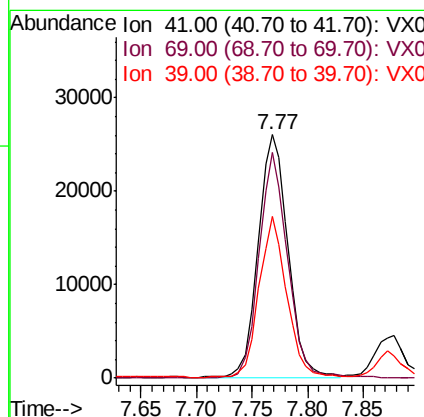
RT: 7.77 min Scan# 1085

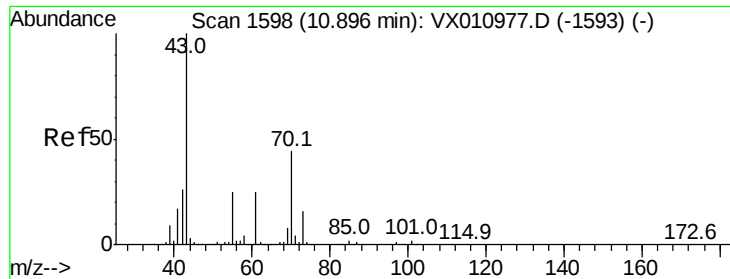
Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Tgt Ion:	41	Resp:	48299
Ion	Ratio	Lower	Upper
41	100		
69	92.9	44.7	134.1
39	66.4	29.4	88.2





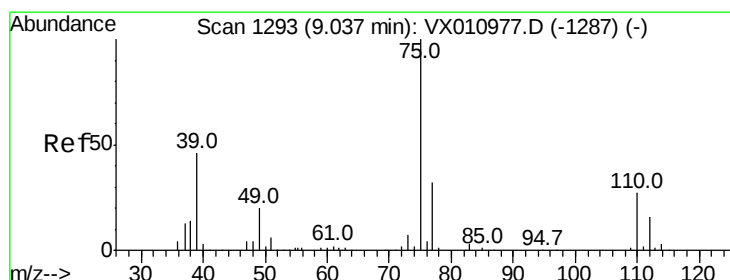
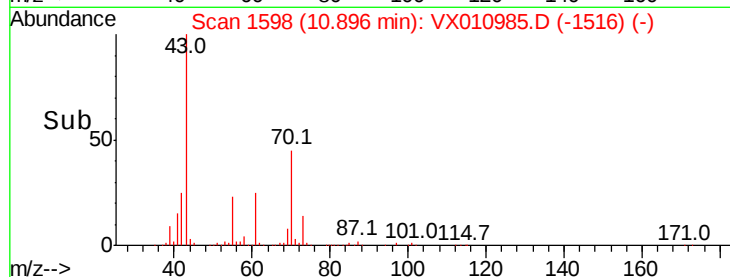
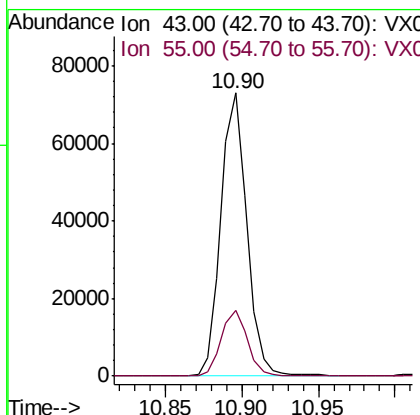
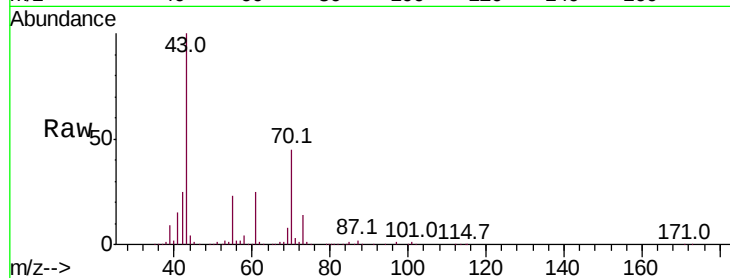
#47
n-amvl Acetate
Concen: 18.833 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

Tot Ion	43	55	Ratio	100	24.1	Resp	85631	Lower	19.6	Upper	29.4
Ion	43	55	Ratio	100	24.1	Resp	85631	Lower	19.6	Upper	29.4

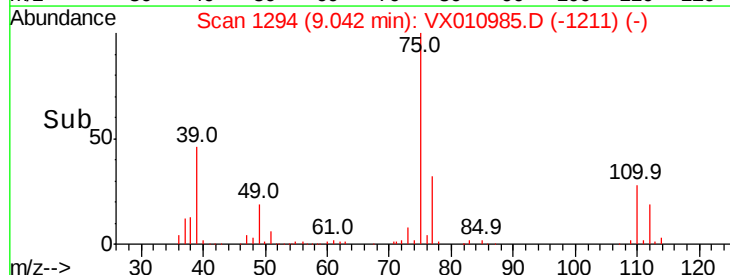
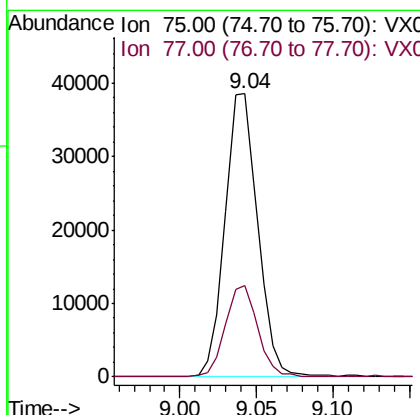
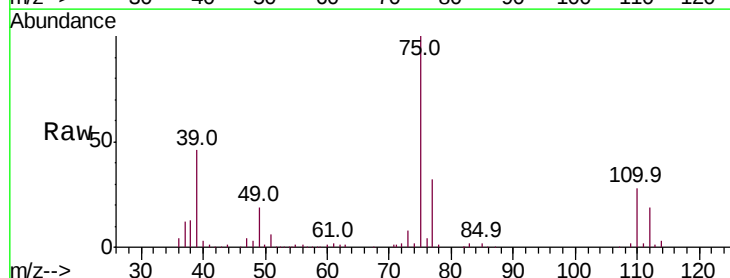
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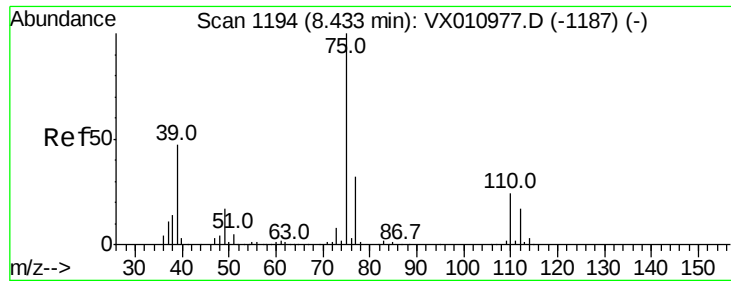
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 17.968 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Tgt Ion	75	77	Ratio	100	32.2	Resp	57097	Lower	25.7	Upper	38.5
Ion	75	77	Ratio	100	32.2	Resp	57097	Lower	25.7	Upper	38.5





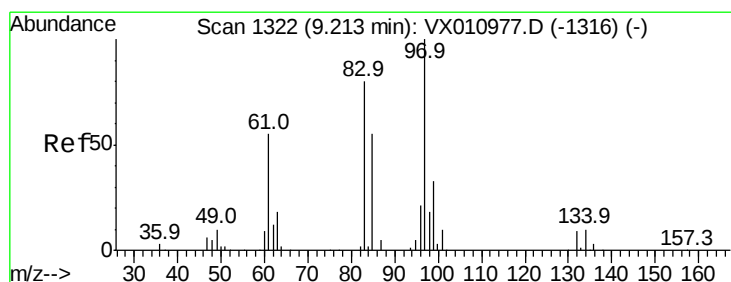
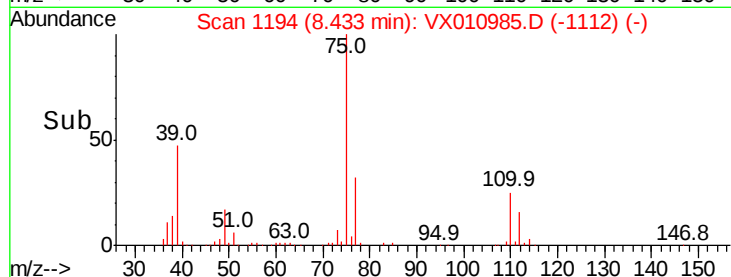
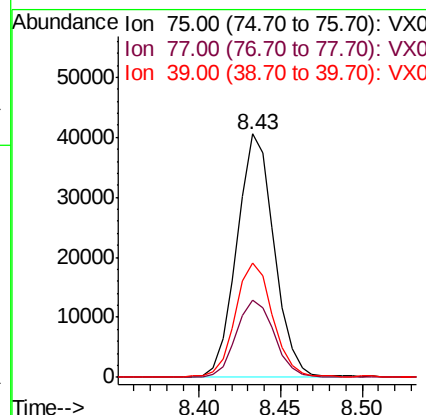
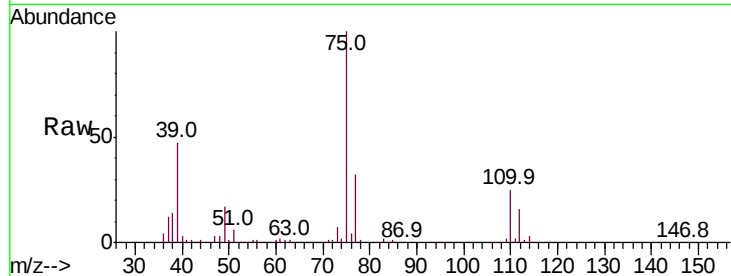
#49
 cis-1,3-Dichloropropene
 Concen: 18.637 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.3	37.9
39	46.6	37.8	56.6

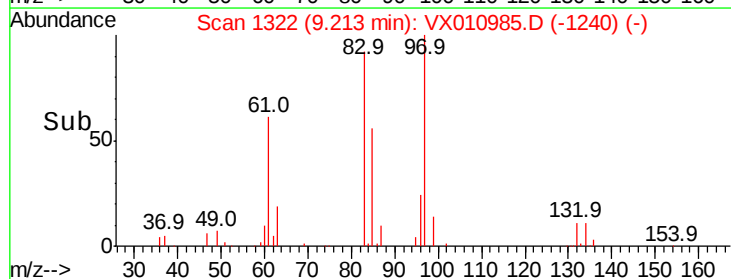
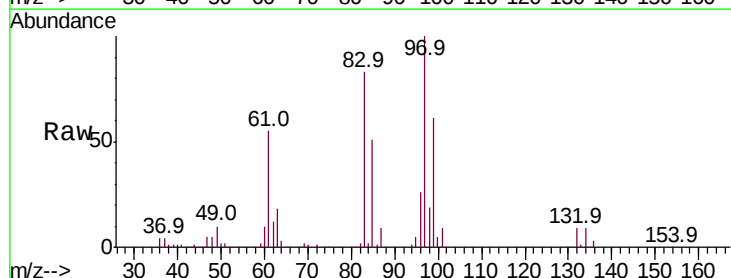
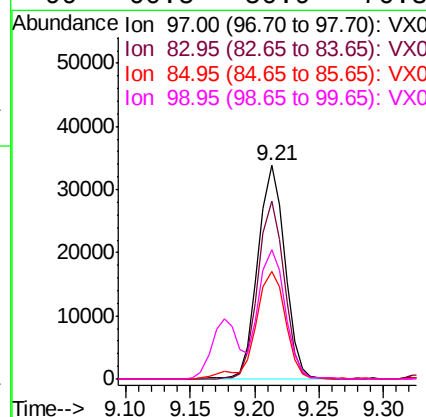
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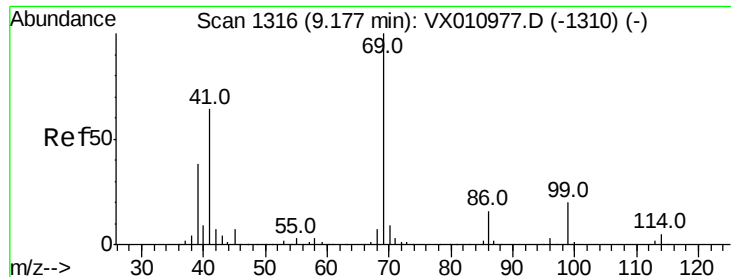
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#50
 1,1,2-Trichloroethane
 Concen: 20.283 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.3	63.9	95.9
85	50.4	43.4	65.2
99	60.5	50.9	76.3





#51

Ethyl methacrylate

Concen: 18.631 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

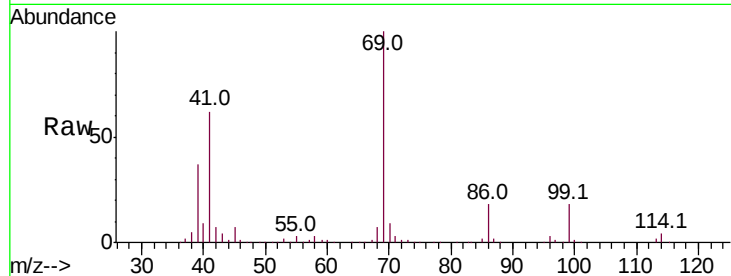
ClientSampleId :

VX0719WBS01

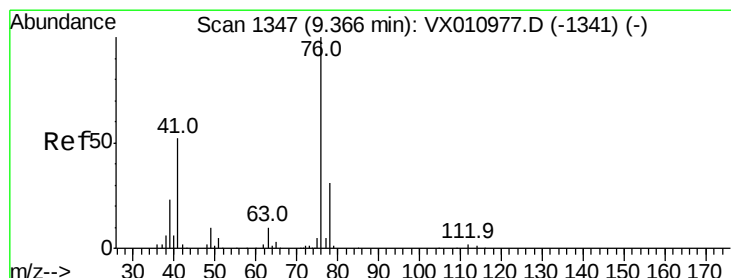
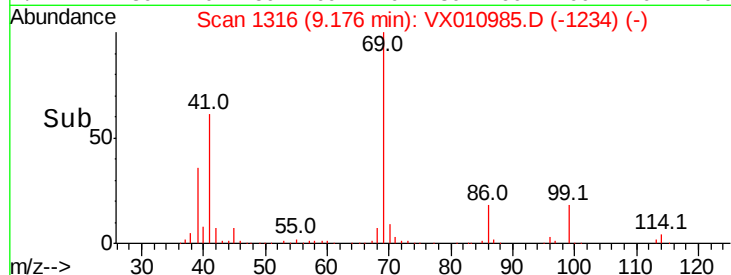
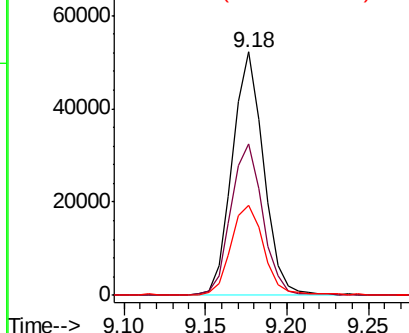
Tot Ion	69	Resp	69856
Ion	Ratio	Lower	Upper
69	100		
41	62.2	32.1	96.3
39	36.8	19.1	57.3

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



#52

1,3-Dichloropropane

Concen: 19.521 ug/l

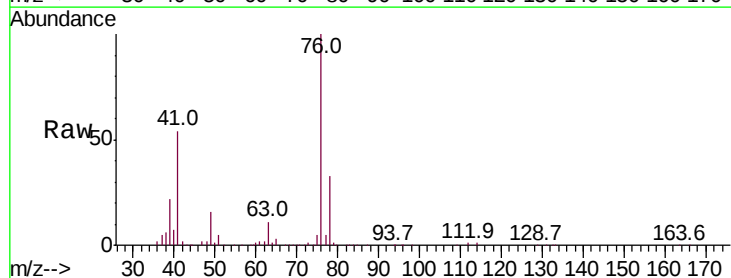
RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

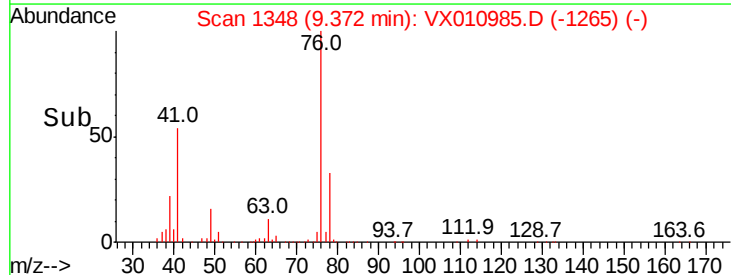
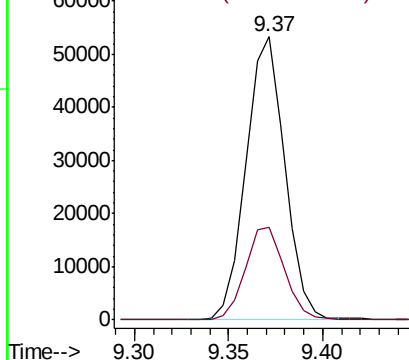
Lab File: VX010985.D

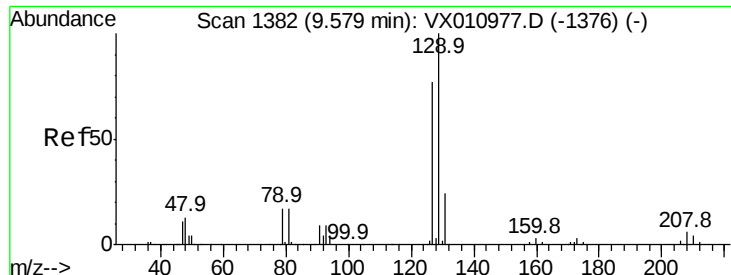
Acq: 19 Jul 2019 02:14

Tgt Ion	76	Resp	76051
Ion	Ratio	Lower	Upper
76	100		
78	33.0	0.0	63.8



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





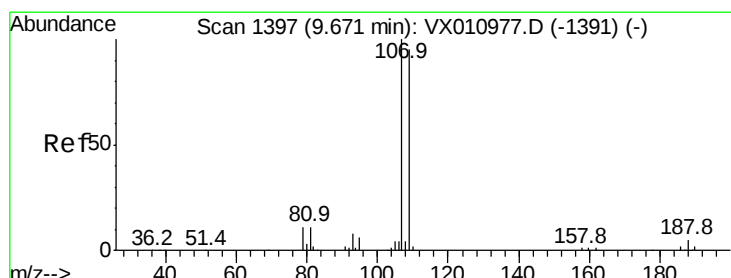
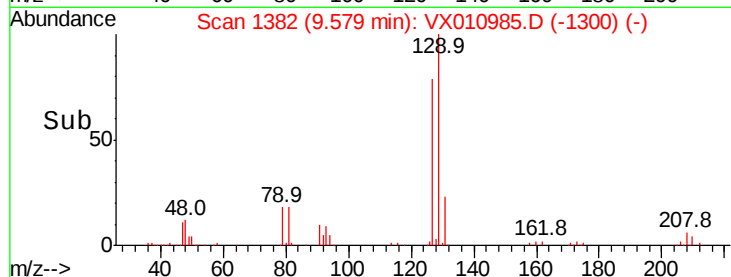
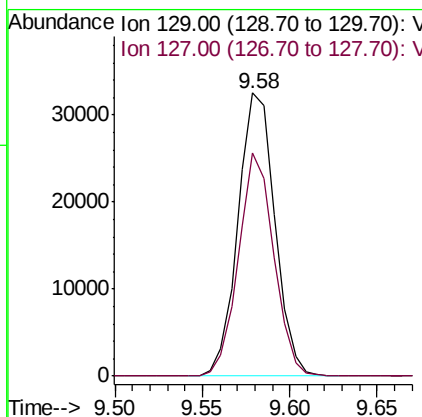
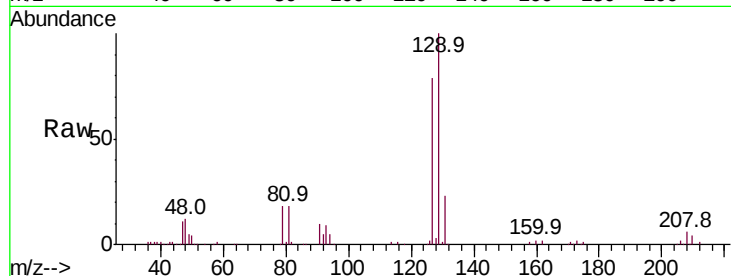
#53
Dibromochloromethane
Concen: 18.227 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

Tot Ion:129 Resp: 47724
Ion Ratio Lower Upper
129 100
127 75.4 38.1 114.3

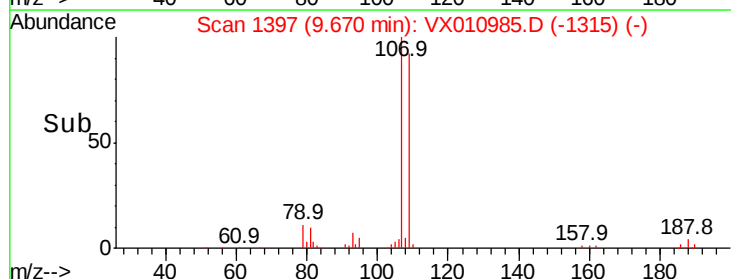
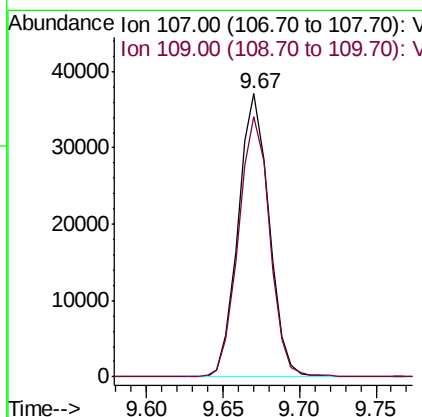
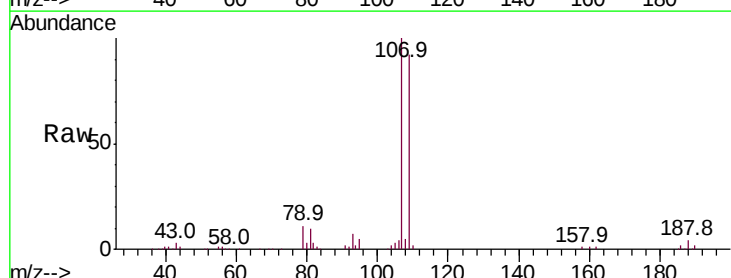
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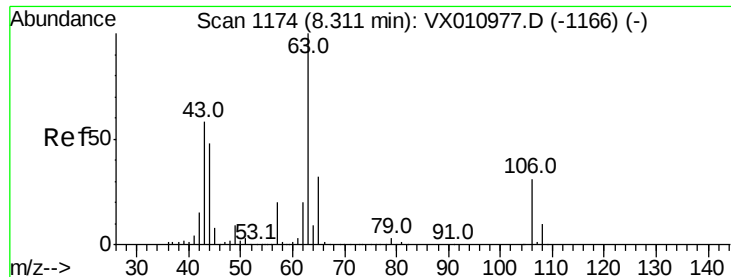
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#54
1,2-Dibromoethane
Concen: 19.739 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Tgt Ion:107 Resp: 52008
Ion Ratio Lower Upper
107 100
109 93.4 77.1 115.7





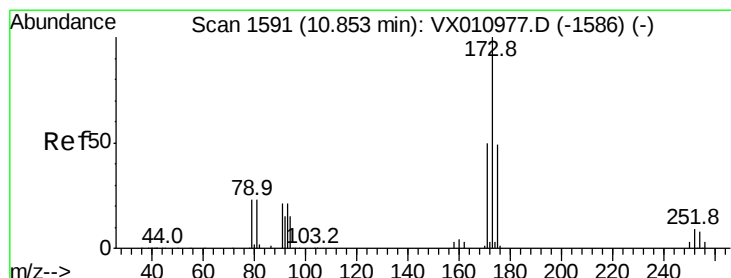
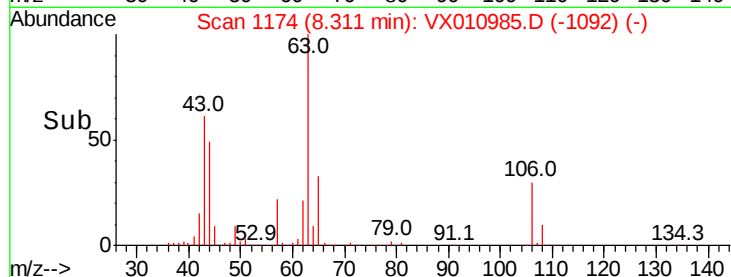
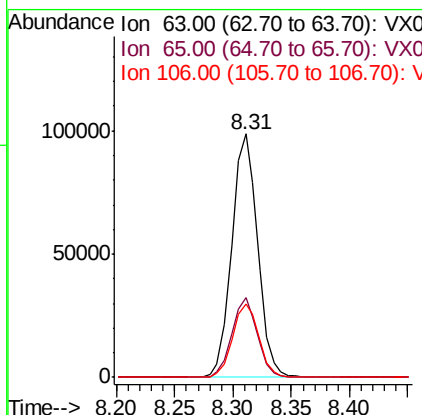
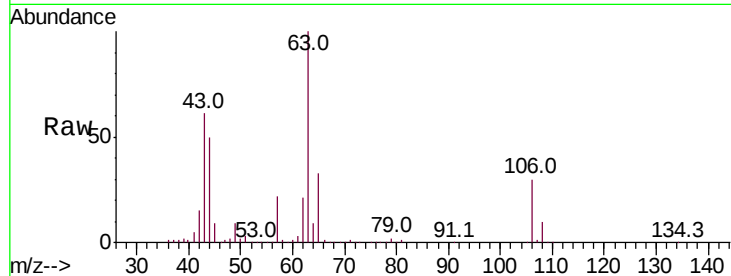
#55
2-Chloroethyl vinyl ether
Concen: 96.456 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.7	38.5
106	30.4	24.8	37.2

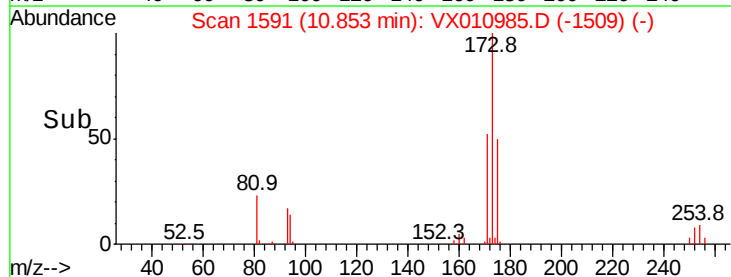
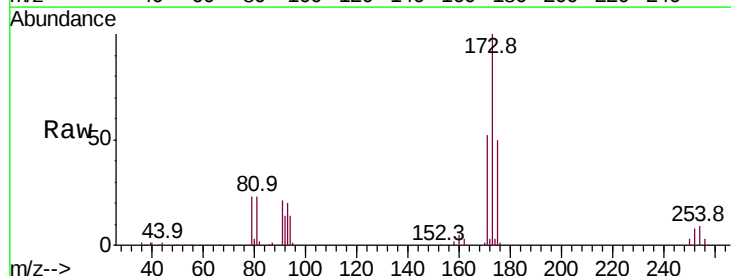
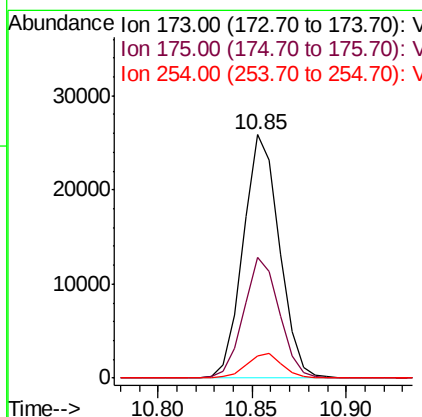
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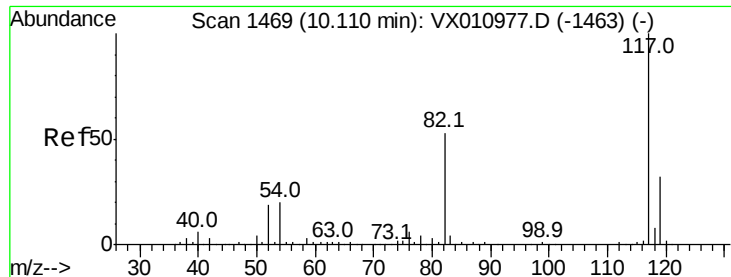
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#56
Bromoform
Concen: 17.693 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	39.0	58.6
254	10.1	7.9	11.9





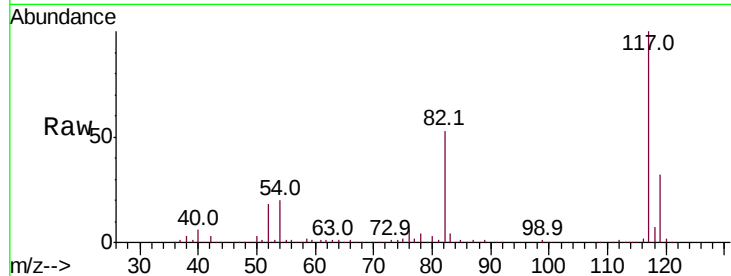
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

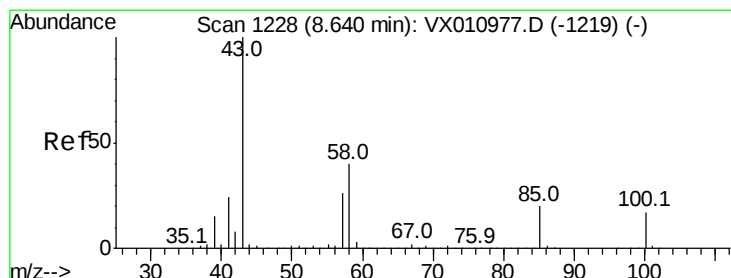
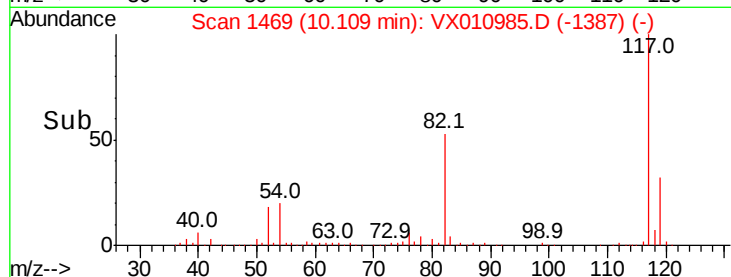
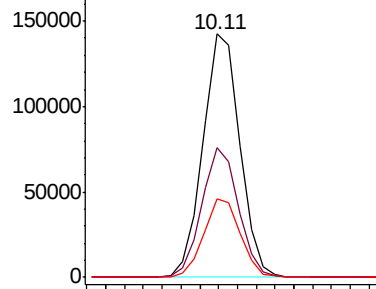
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.6	62.4
119	32.1	26.0	39.0

Manual Integrations
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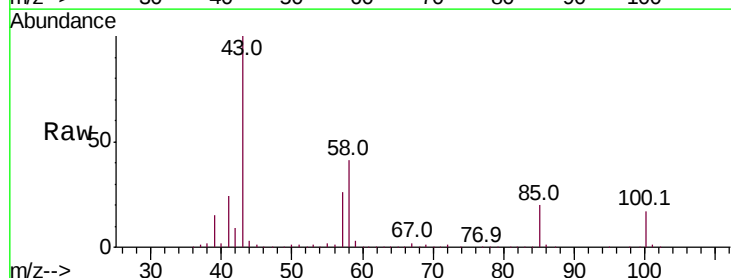


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

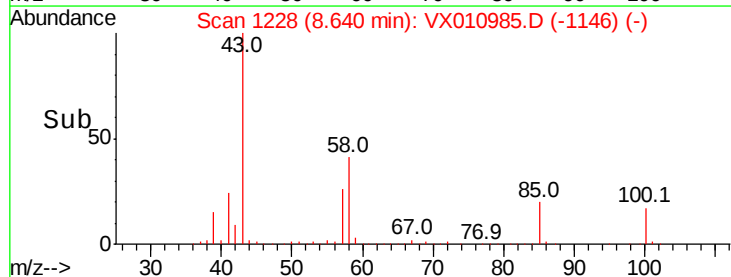
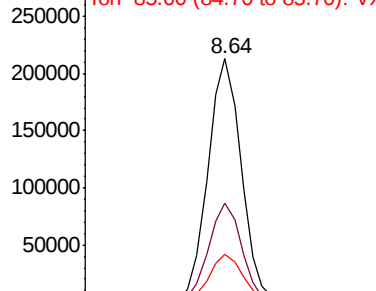


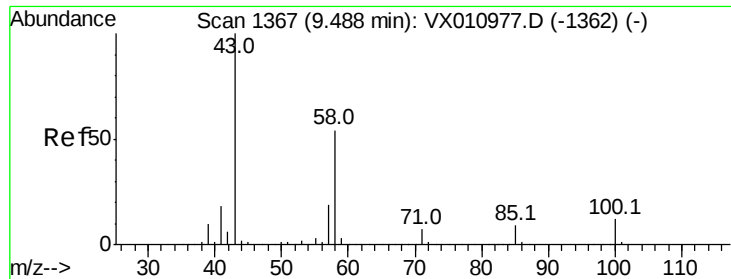
#58
4-Methyl-2-Pentanone
Concen: 99.310 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.5	32.6	48.8
85	19.8	15.8	23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0





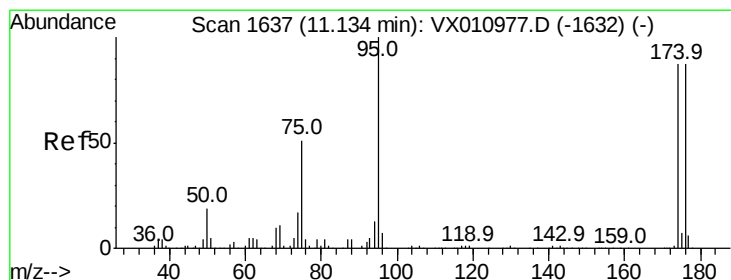
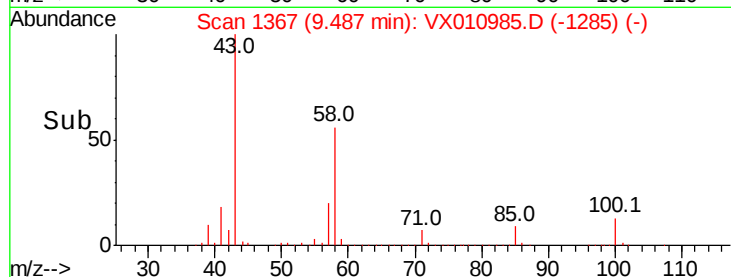
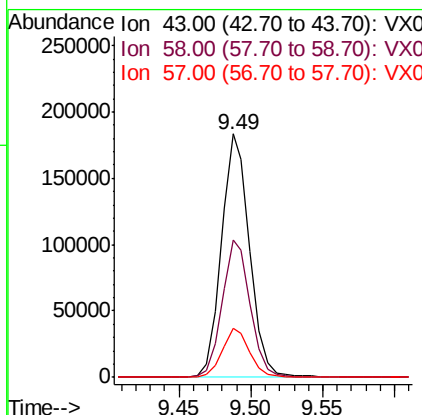
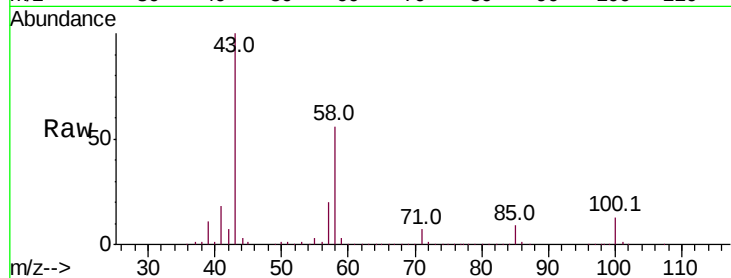
#59
2-Hexanone
Concen: 100.177 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.1	44.7	67.1
57	19.7	15.4	23.2

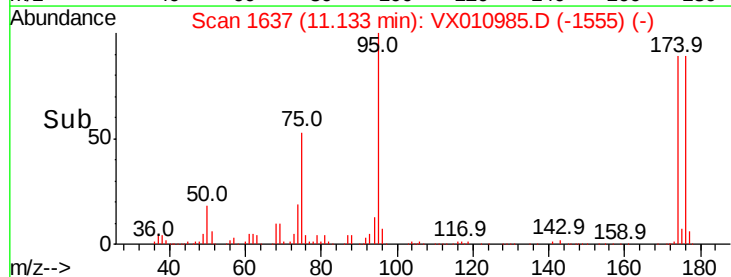
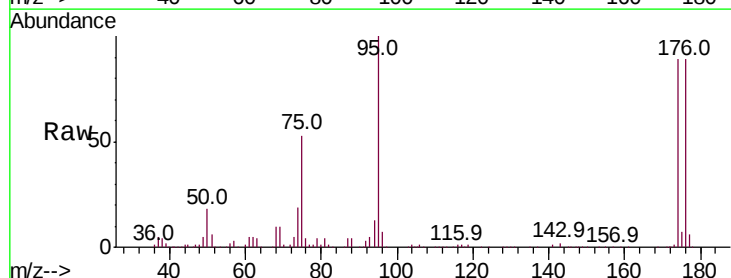
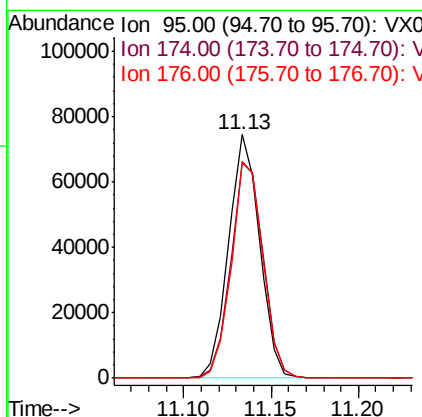
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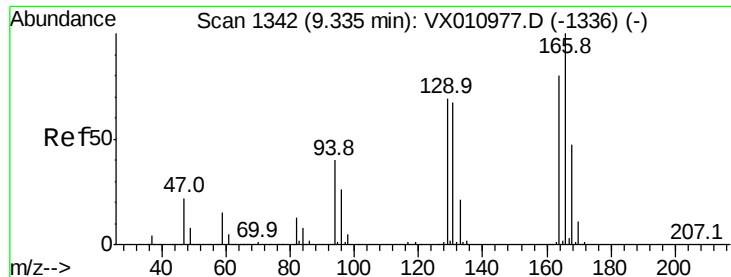
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.035 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.9	73.3	109.9
176	90.0	71.2	106.8





#61

Tetrachloroethene

Concen: 20.655 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

Tot Ion:164 Resp: 52739

Ion Ratio Lower Upper

164 100

166 128.2 100.1 150.1

129 95.5 69.6 104.4

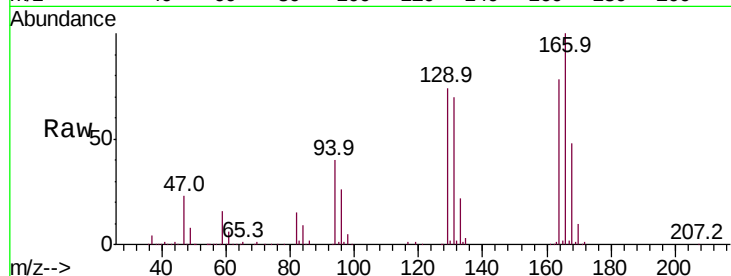
131 90.0 67.0 100.6

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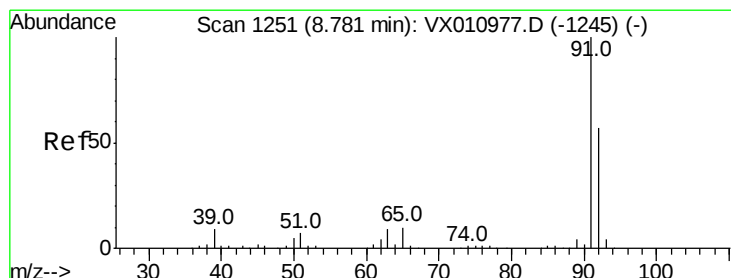
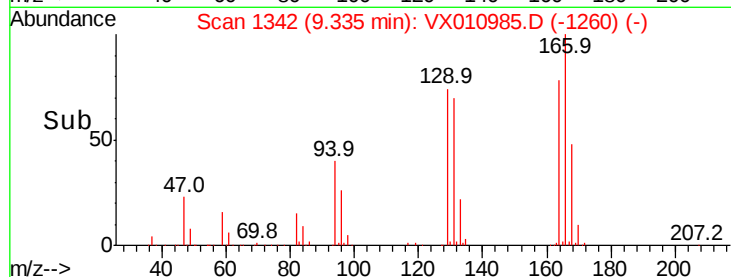
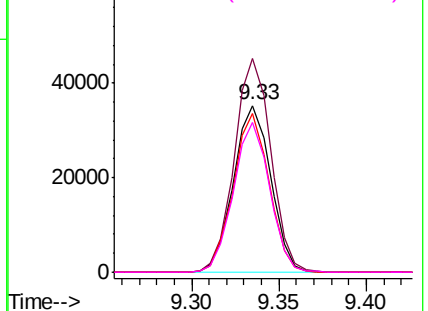


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.938 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010985.D

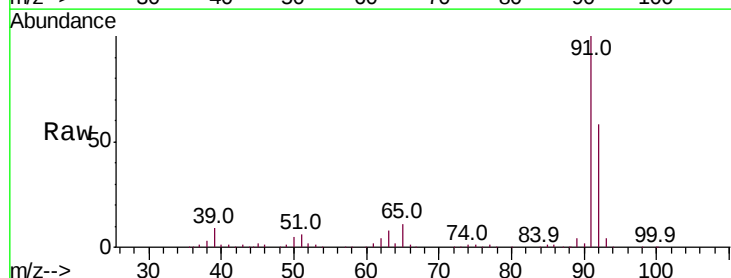
Acq: 19 Jul 2019 02:14

Tgt Ion: 91 Resp: 204826

Ion Ratio Lower Upper

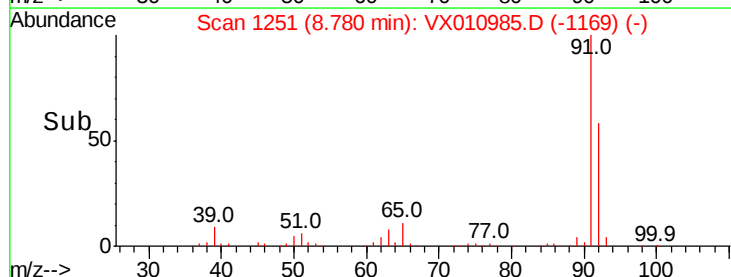
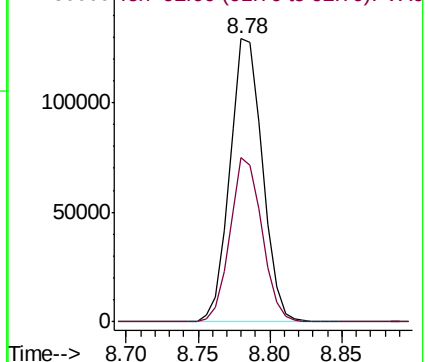
91 100

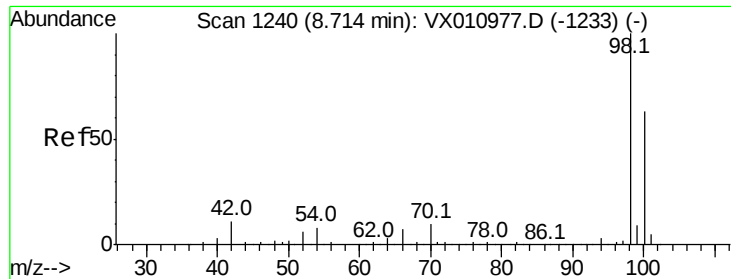
92 56.7 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.705 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

Tot Ion: 98 Resp: 260986

Ion Ratio Lower Upper

98 100

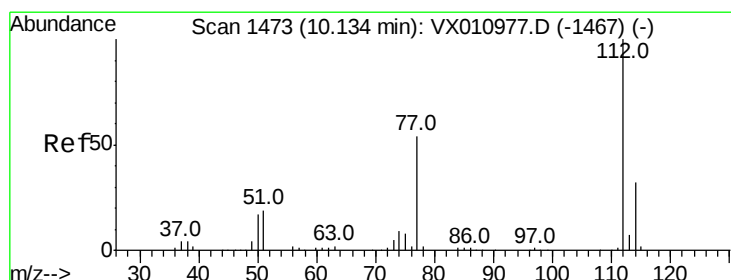
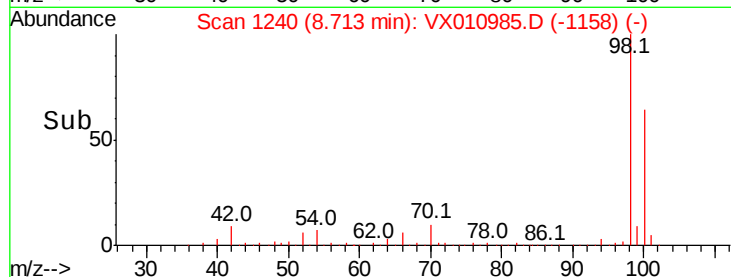
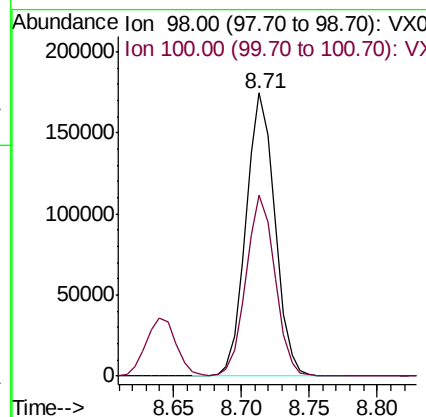
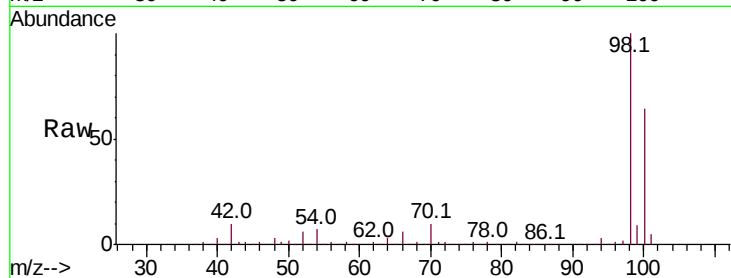
100 63.7 51.4 77.0

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#64

Chlorobenzene

Concen: 19.636 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX010985.D

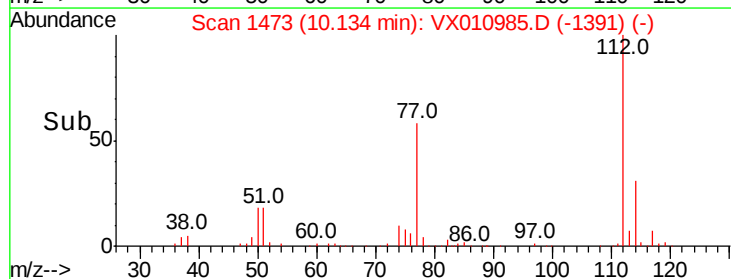
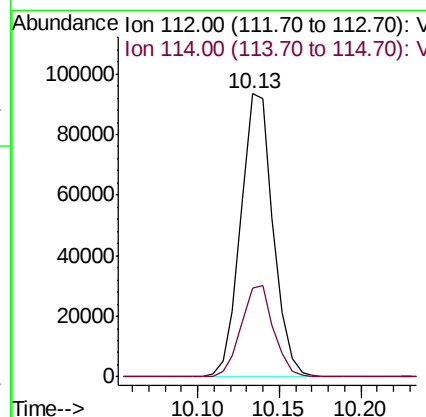
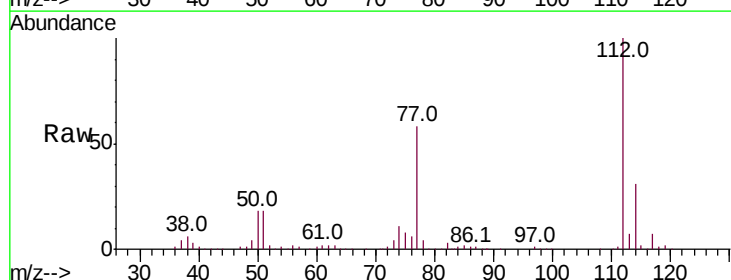
Acq: 19 Jul 2019 02:14

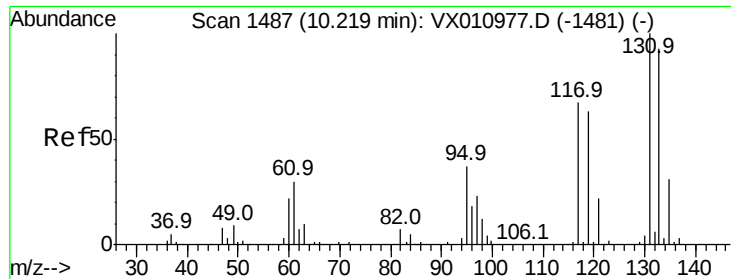
Tgt Ion: 112 Resp: 129245

Ion Ratio Lower Upper

112 100

114 31.5 25.3 37.9





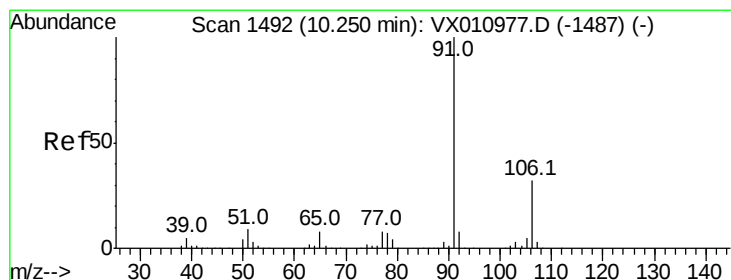
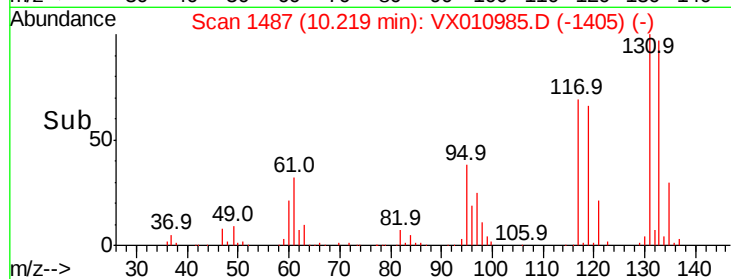
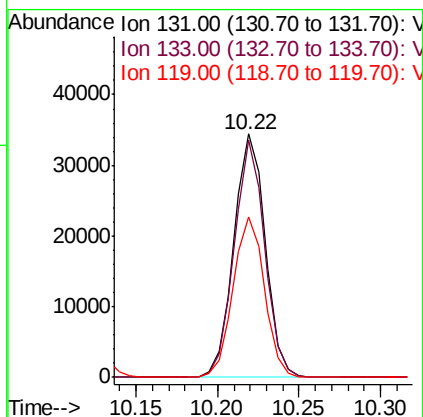
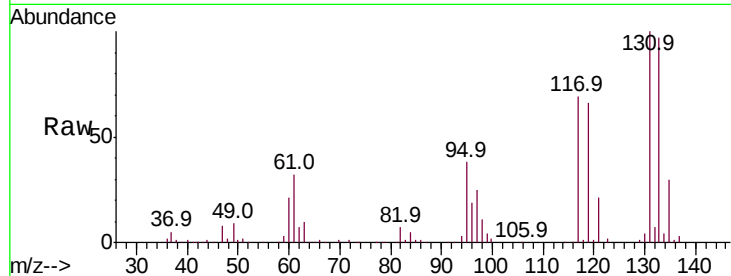
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.371 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.1	0.0	190.2
119	65.4	0.0	127.0

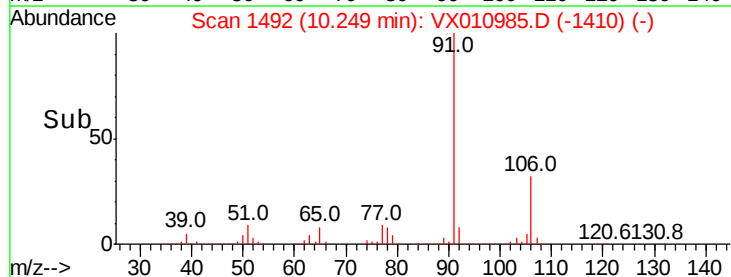
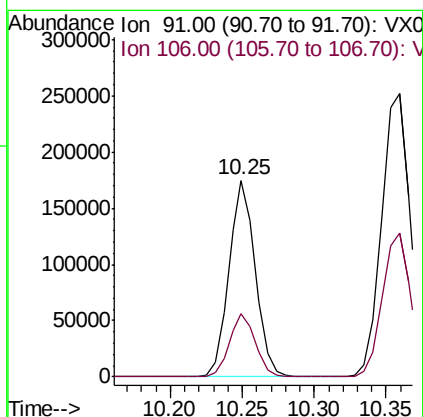
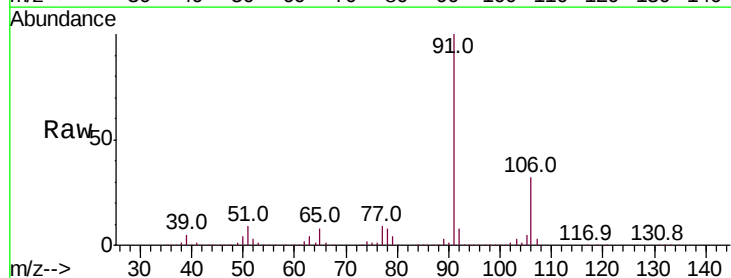
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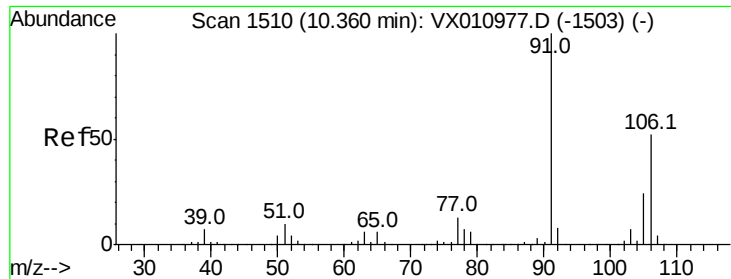
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#66
 Ethyl Benzene
 Concen: 19.378 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.8	38.8





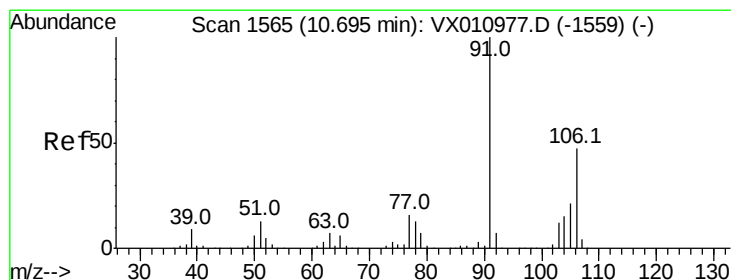
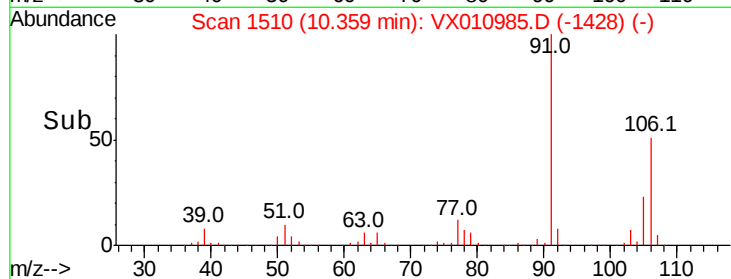
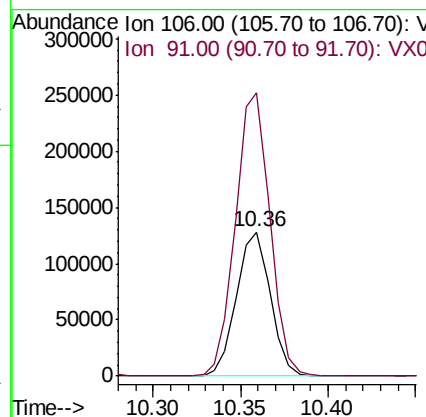
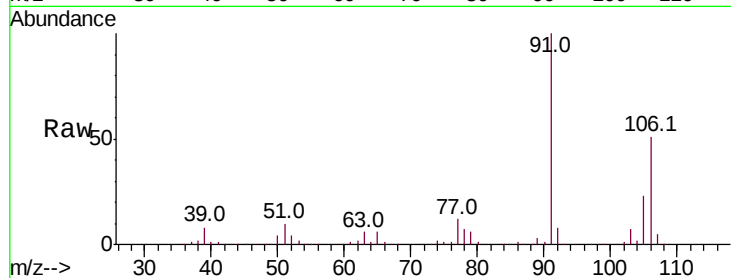
#67
m/p-Xylenes
Concen: 39.196 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

Tot Ion:106 Resp: 173434
Ion Ratio Lower Upper
106 100
91 199.2 156.6 235.0

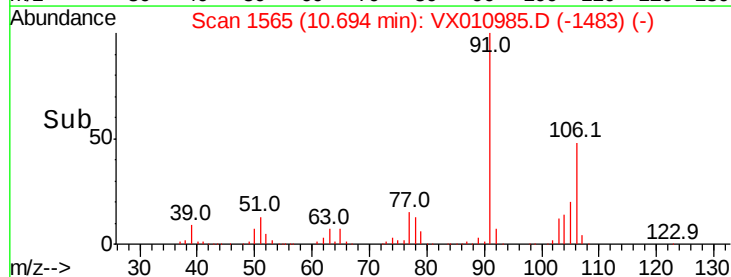
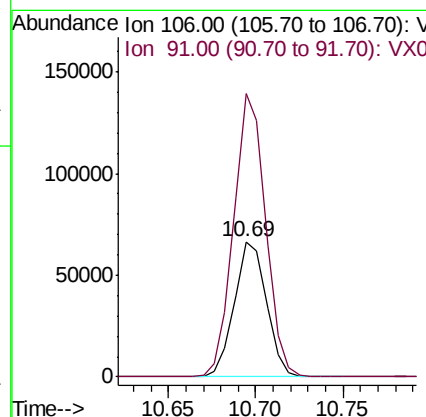
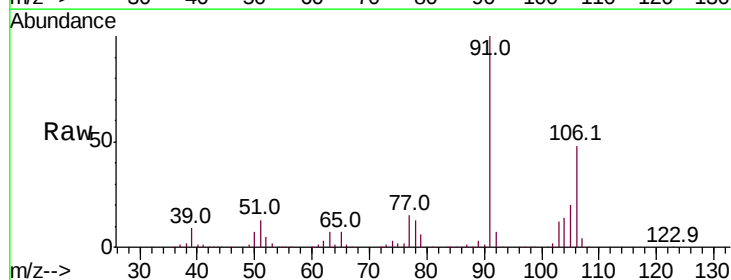
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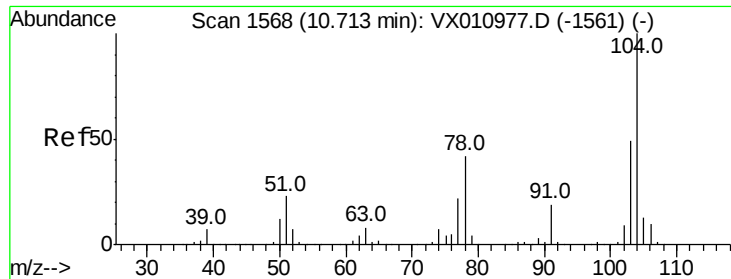
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#68
o-Xylene
Concen: 19.648 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Tgt Ion:106 Resp: 85185
Ion Ratio Lower Upper
106 100
91 208.1 104.0 312.0





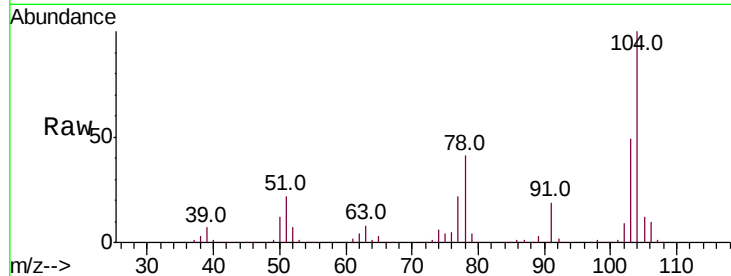
#69
Stvrene
Concen: 19.466 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Instrument :
MSVOA_X
ClientSampled :
VX0719WBS01

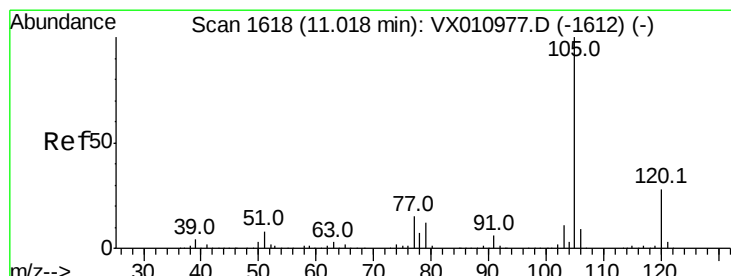
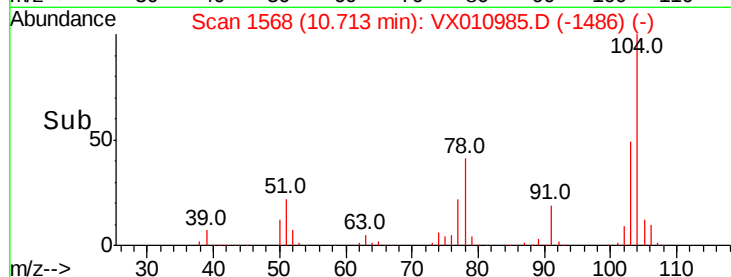
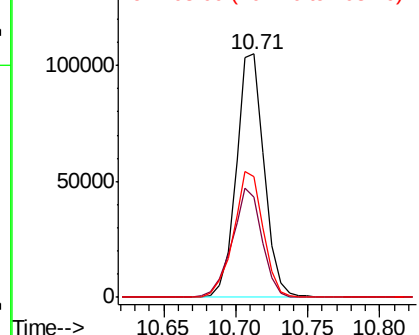
Tot Ion	Ratio	Lower	Upper
104	100		
78	48.3	38.5	57.7
103	55.0	44.6	67.0

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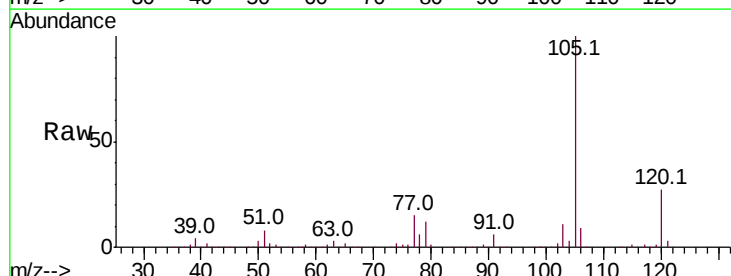


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

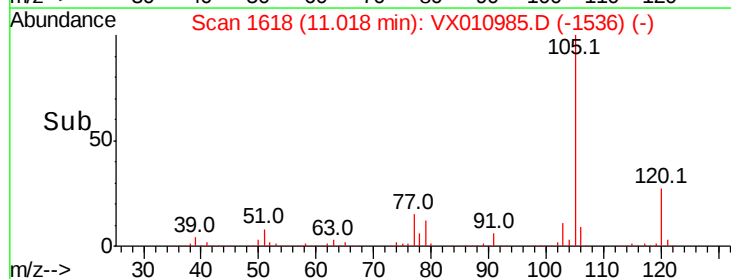
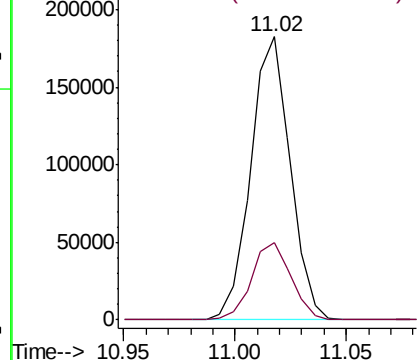


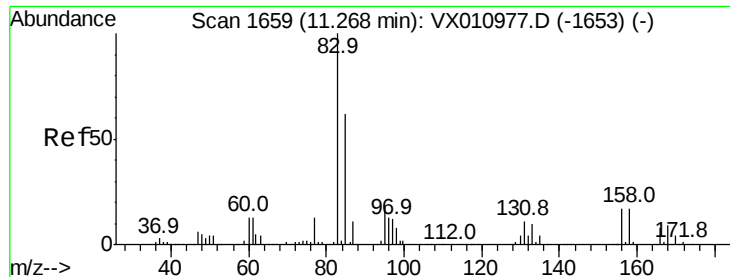
#70
Isopropylbenzene
Concen: 19.569 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.4	19.4	36.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





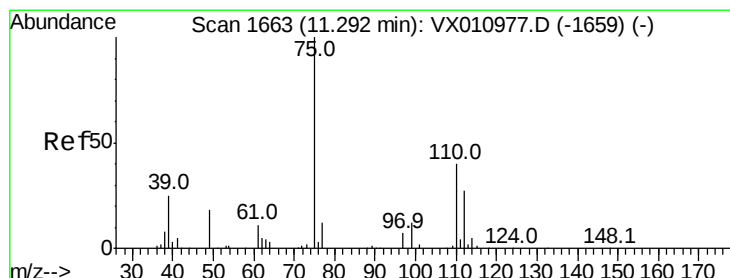
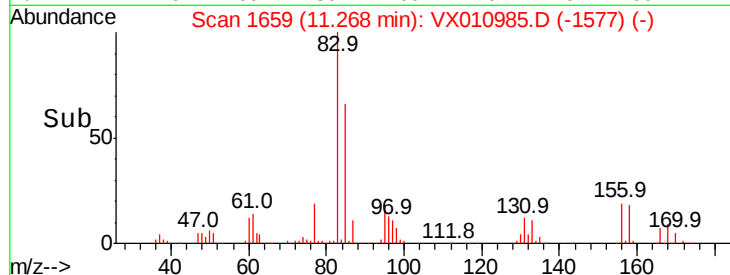
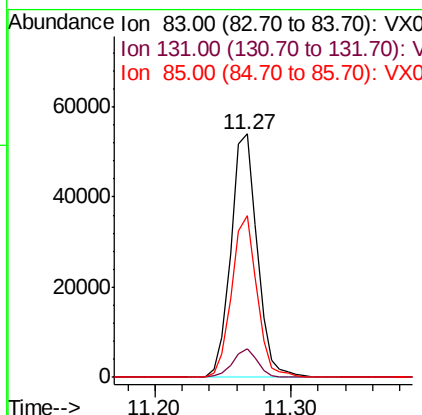
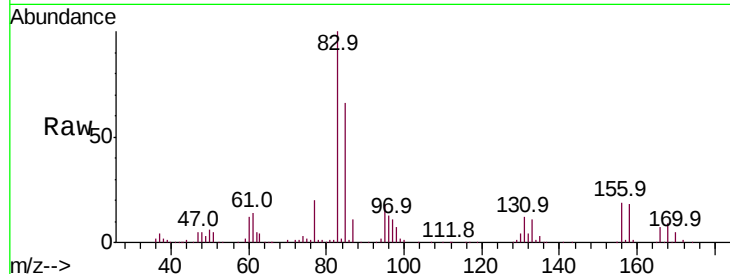
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.558 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.5	16.4
85	64.1	32.1	96.3

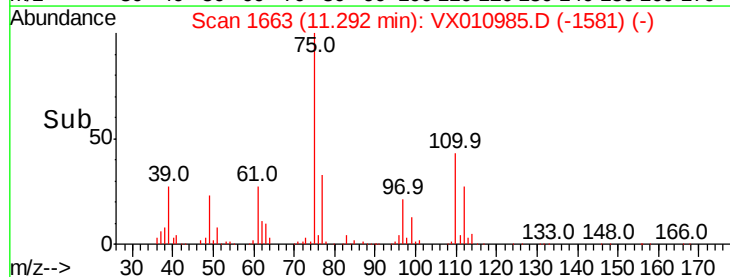
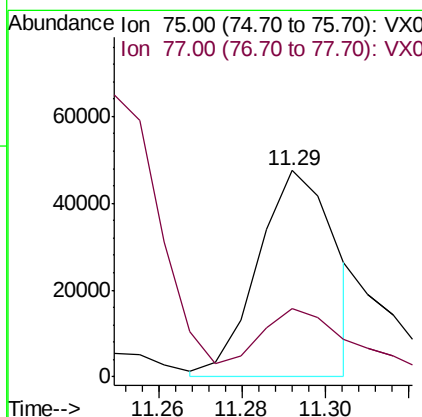
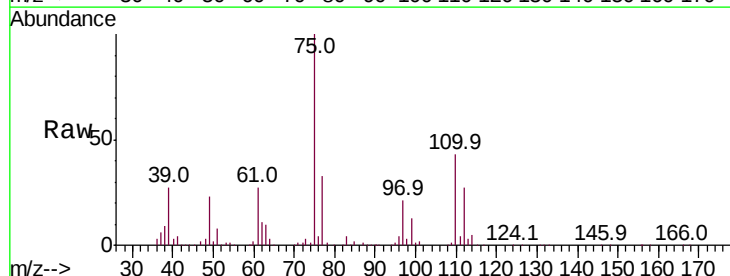
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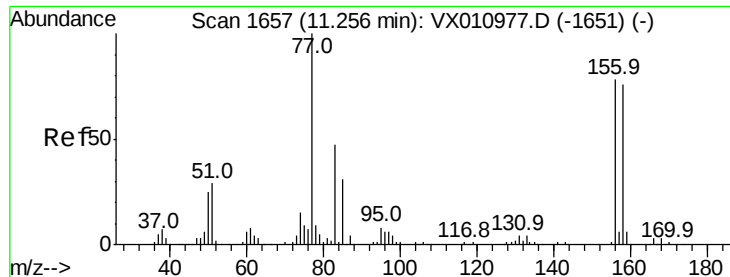
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#72
 1,2,3-Trichloropropane
 Concen: 19.563 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	41.1	0.0	84.0





#73

Bromobenzene

Concen: 19.370 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

Tot Ion:156 Resp: 60335

Ion Ratio Lower Upper

156 100

77 140.2 0.0 275.8

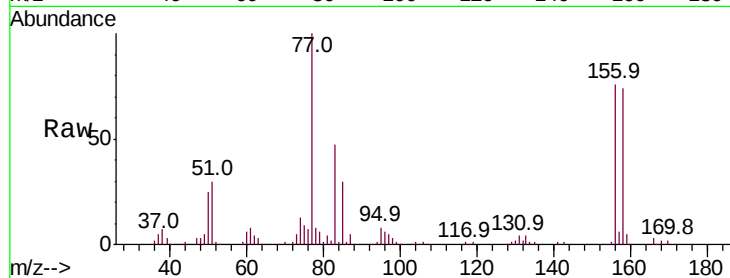
158 96.3 0.0 195.2

Manual Integrations

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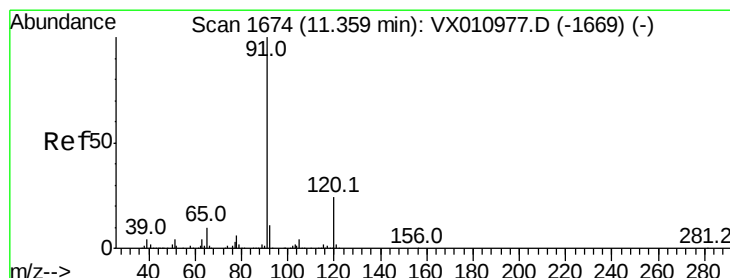
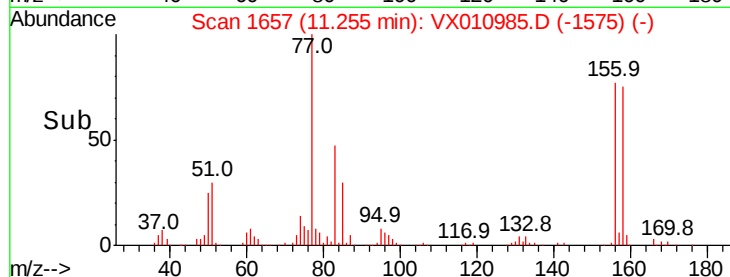
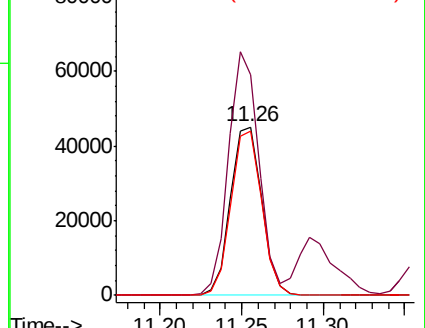
7/19/2019 3:13:09 PM



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: 19.273 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010985.D

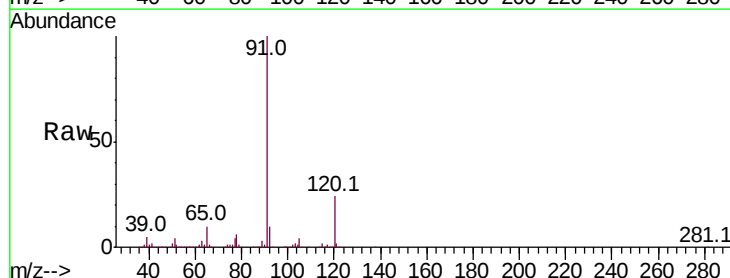
Acq: 19 Jul 2019 02:14

Tgt Ion: 91 Resp: 250422

Ion Ratio Lower Upper

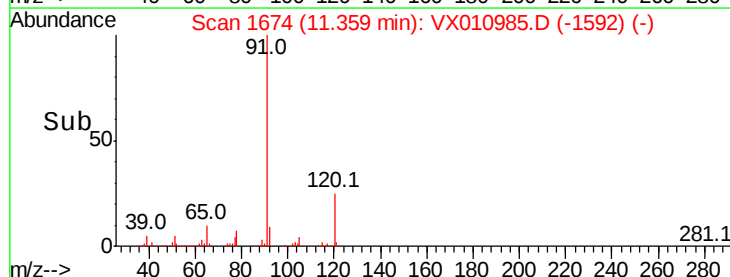
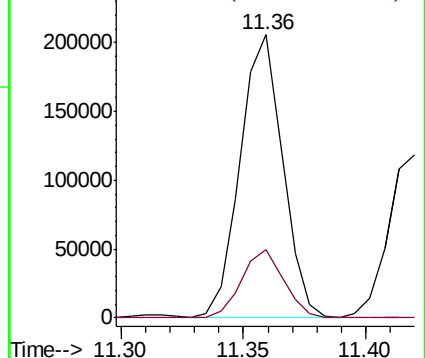
91 100

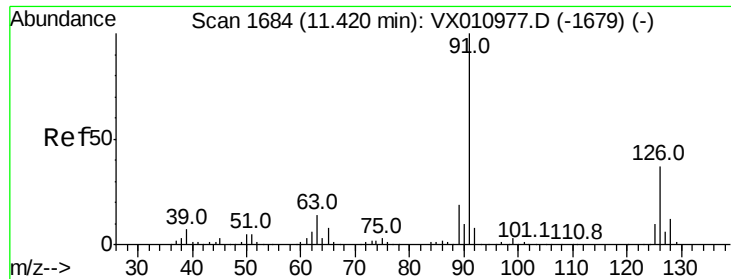
120 24.0 0.0 47.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.433 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

Tot Ion: 91 Resp: 150390

Ion Ratio Lower Upper

91 100

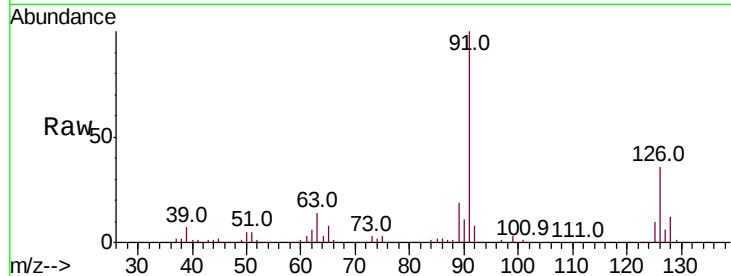
126 35.1 0.0 72.4

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Abundance Ion 91.00 (90.70 to 91.70): VX010977.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX010977.D (-1679) (-)

200000

150000

100000

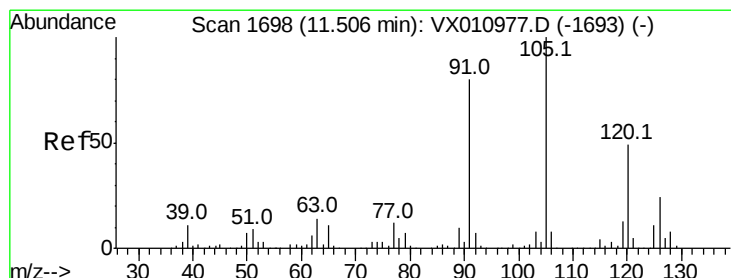
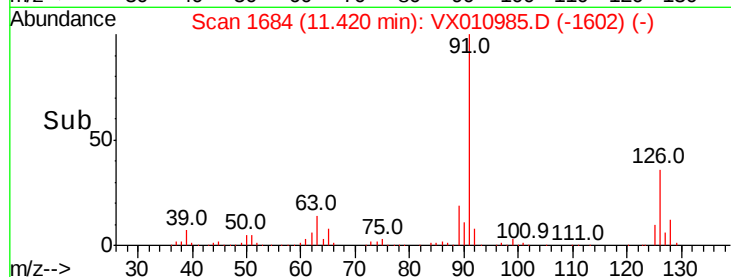
50000

0

11.42

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 19.643 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010985.D

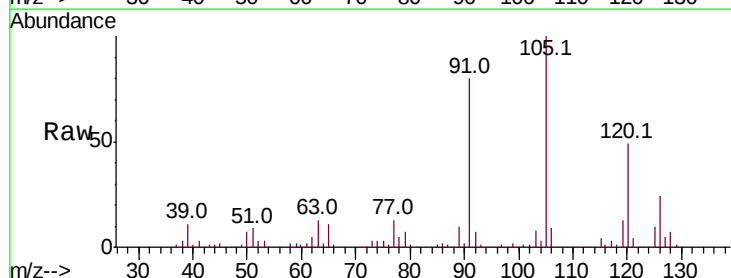
Acq: 19 Jul 2019 02:14

Tgt Ion: 105 Resp: 191953

Ion Ratio Lower Upper

105 100

120 49.0 0.0 96.6



Abundance Ion 105.00 (104.70 to 105.70): VX010977.D (-1693) (-)

Ion 120.00 (119.70 to 120.70): VX010977.D (-1693) (-)

150000

100000

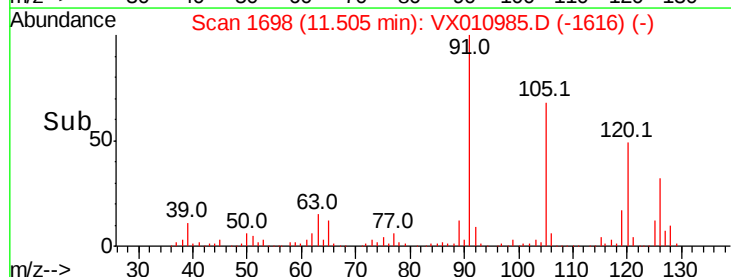
50000

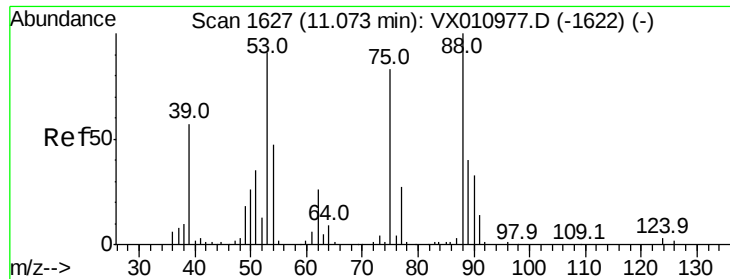
0

11.51

11.60

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 17.099 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

Tot Ion: 75 Resp: 17530

Ion Ratio Lower Upper

75 100

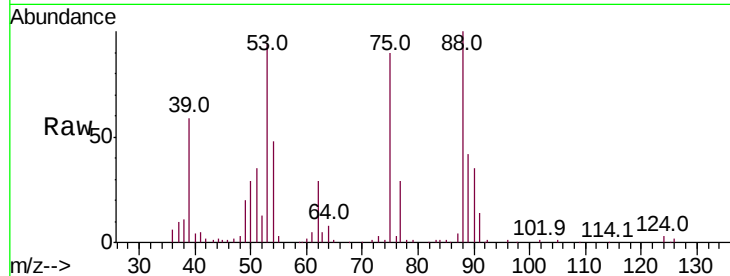
53 104.1 54.8 164.3

89 47.1 24.6 73.6

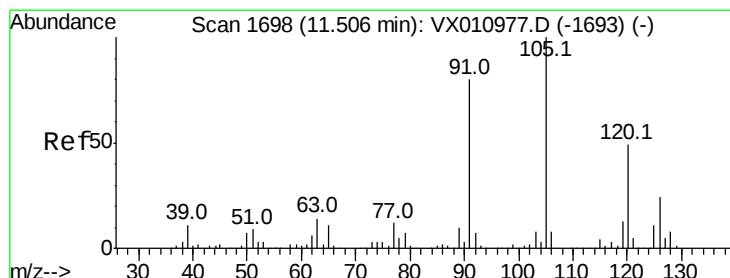
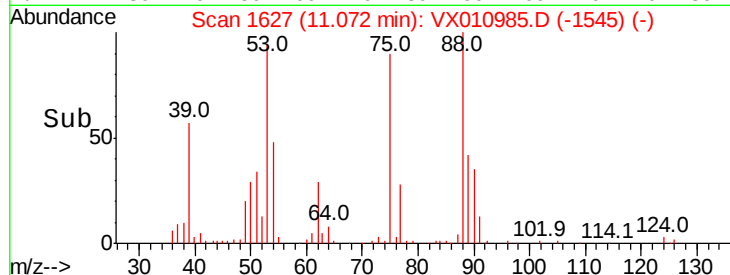
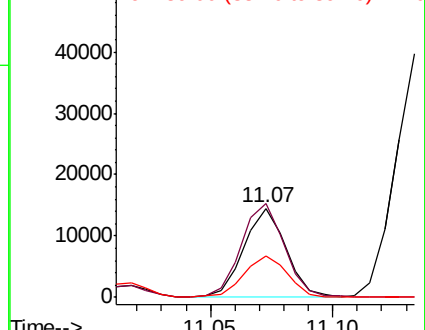
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Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.322 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010985.D

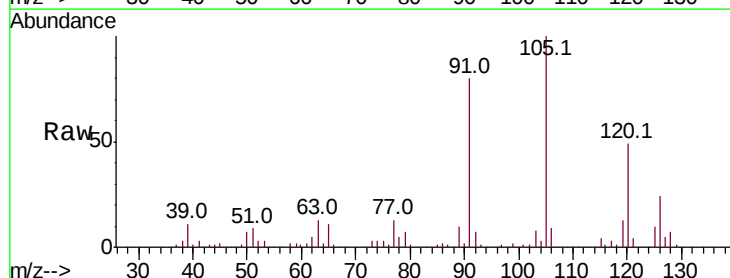
Acq: 19 Jul 2019 02:14

Tgt Ion: 91 Resp: 171724

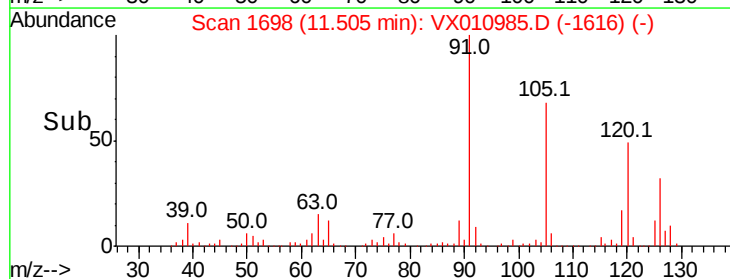
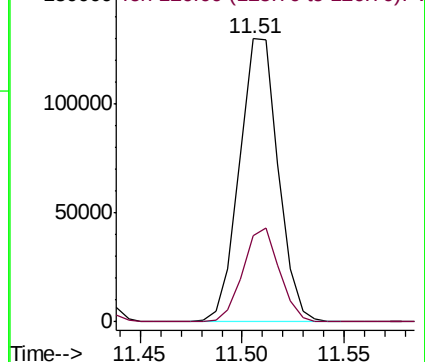
Ion Ratio Lower Upper

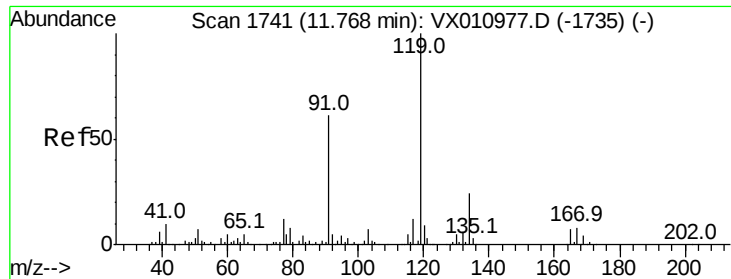
91 100

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: 19.262 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

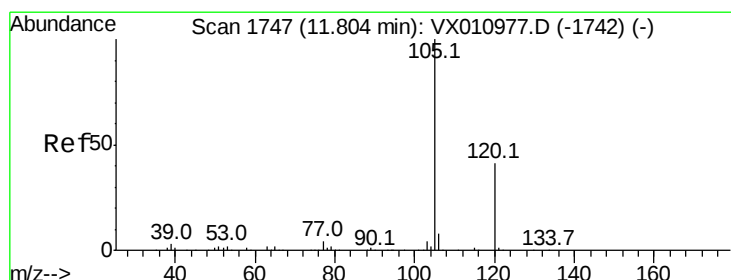
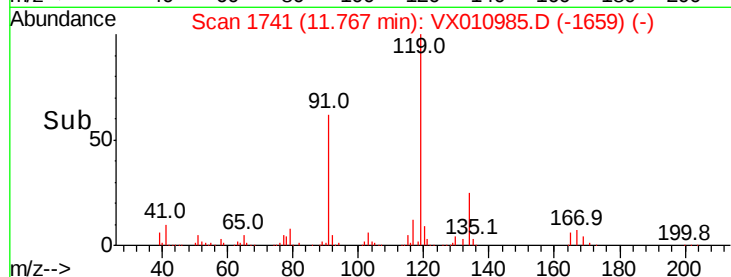
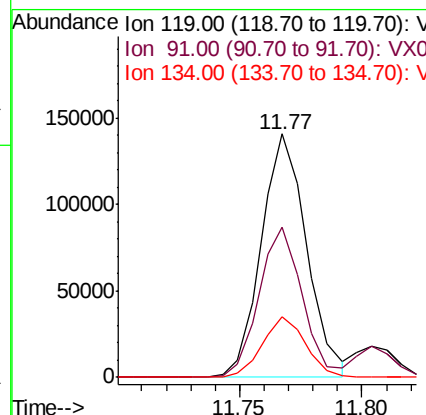
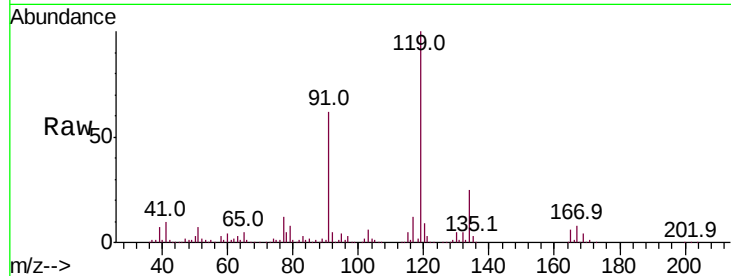
ClientSampleId :

VX0719WBS01

Tot Ion:	119	Resp:	182582
Ion Ratio	Lower	Upper	
119	100		
91	59.0	0.0	118.4
134	23.7	0.0	47.4

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#80

1,2,4-Trimethylbenzene

Concen: 19.305 ug/l

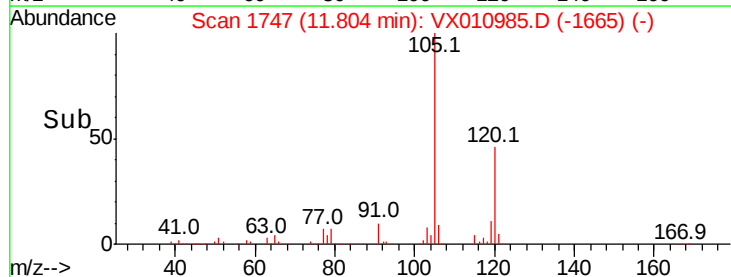
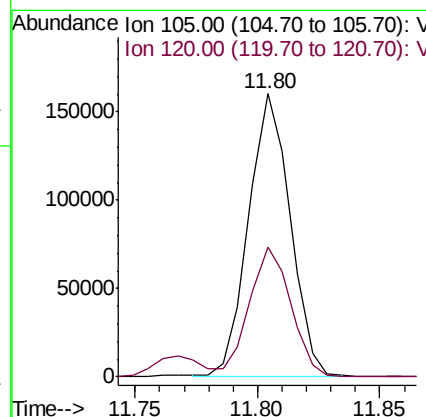
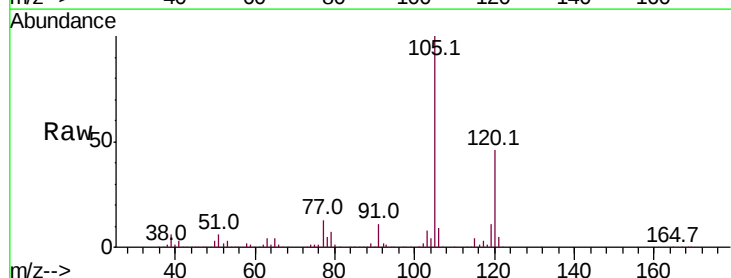
RT: 11.80 min Scan# 1747

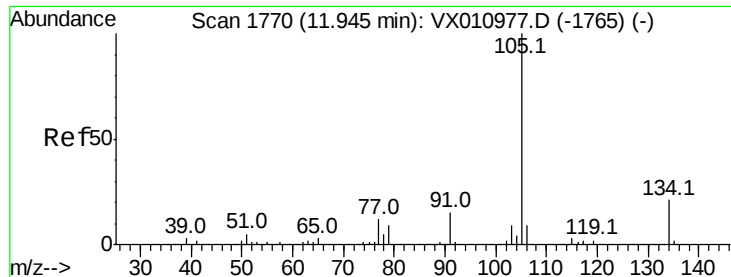
Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Tgt Ion:	105	Resp:	189973
Ion Ratio	Lower	Upper	
105	100		
120	45.2	0.0	91.6





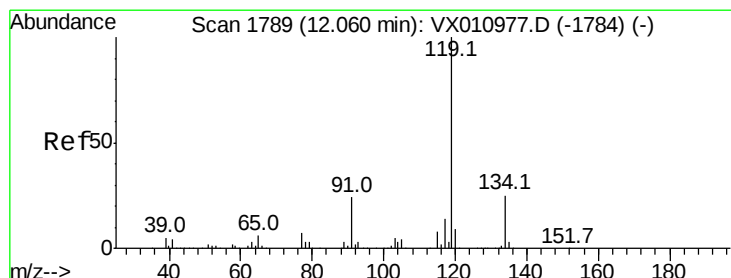
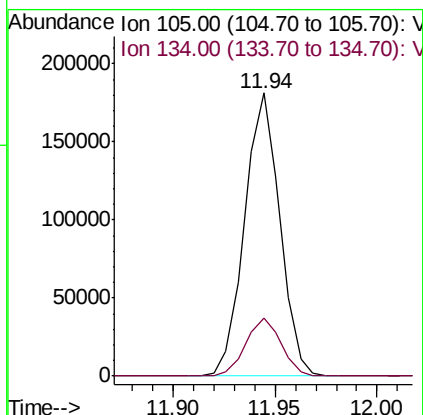
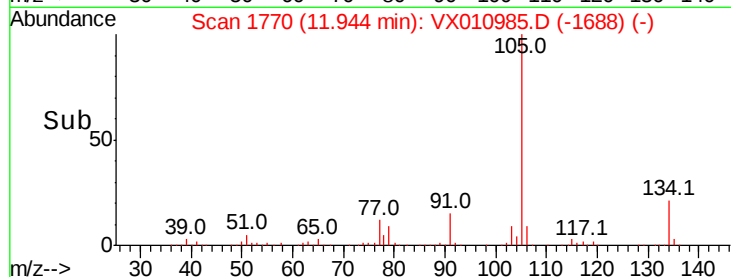
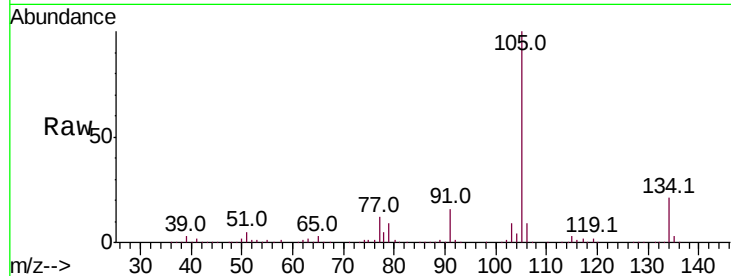
#81
 sec-Butylbenzene
 Concen: 19.483 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	0.0	41.8

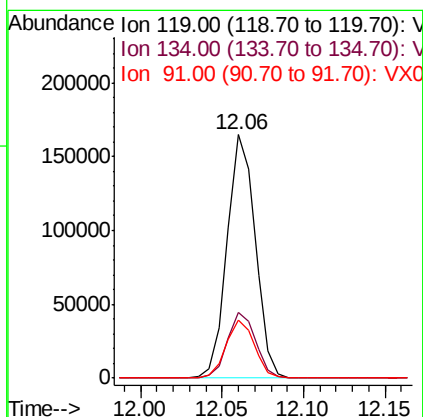
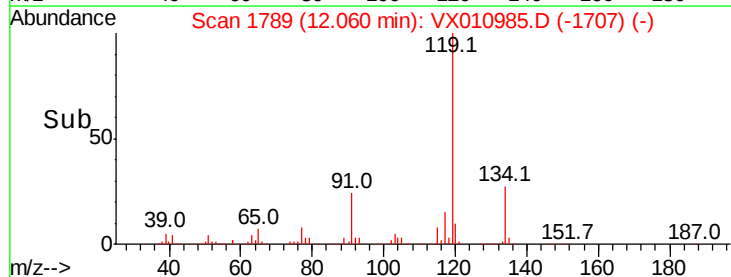
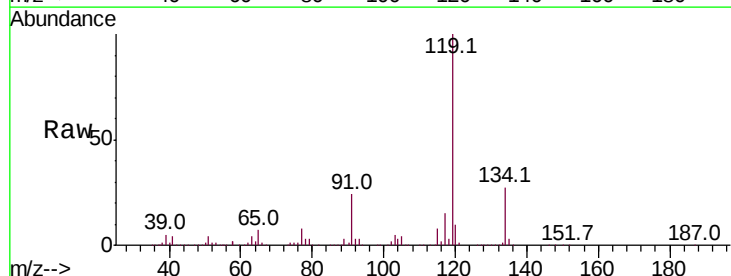
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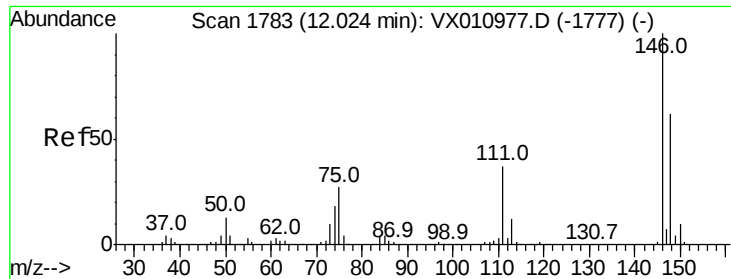
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#82
 p-Isopropyltoluene
 Concen: 19.149 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	0.0	52.8
91	23.9	0.0	47.0





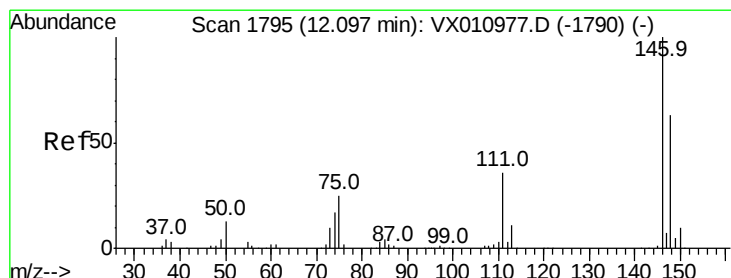
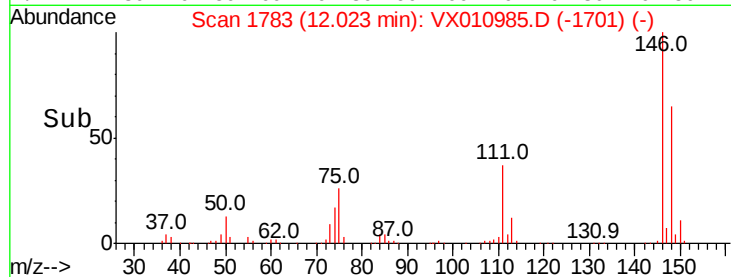
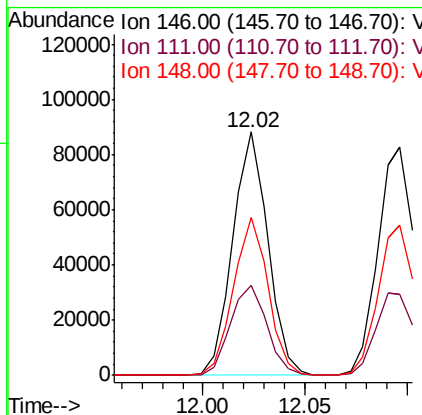
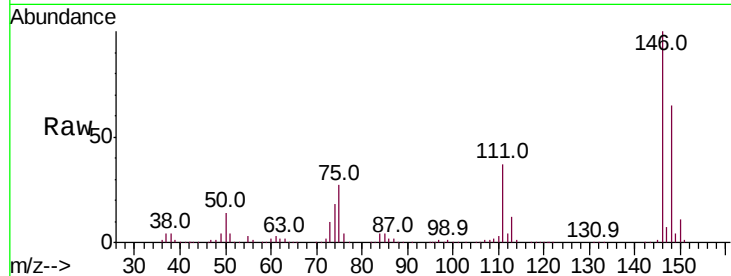
#83
 1,3-Dichlorobenzene
 Concen: 19.113 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.9
148	63.6	31.4	94.0

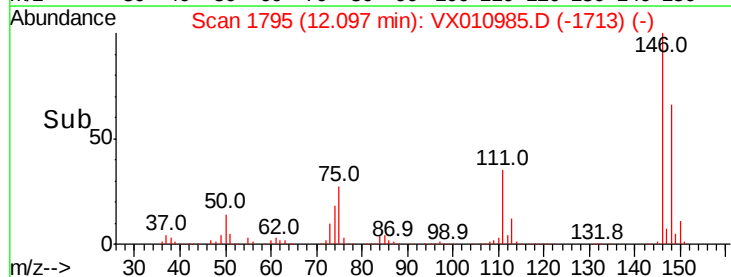
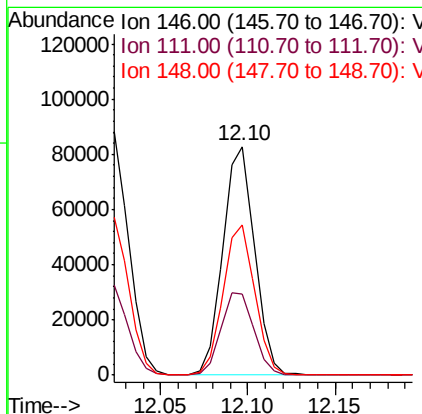
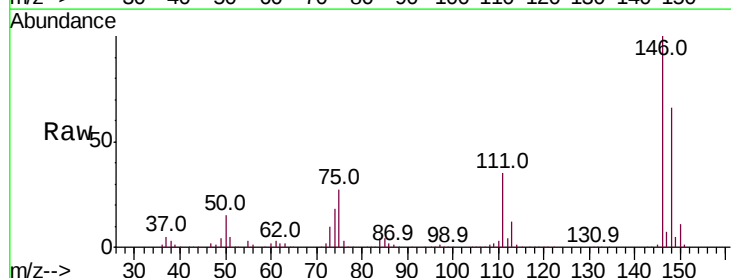
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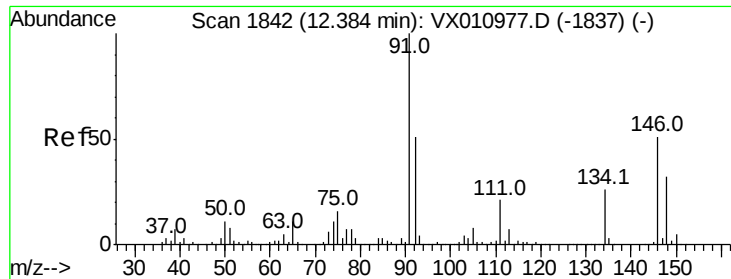
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#84
 1,4-Dichlorobenzene
 Concen: 19.126 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.5	55.5
148	65.5	32.0	96.0





#85

n-Butylbenzene

Concen: 18.863 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010985.D

Acq: 19 Jul 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBS01

Tot Ion: 91 Resp: 166536

Ion Ratio Lower Upper

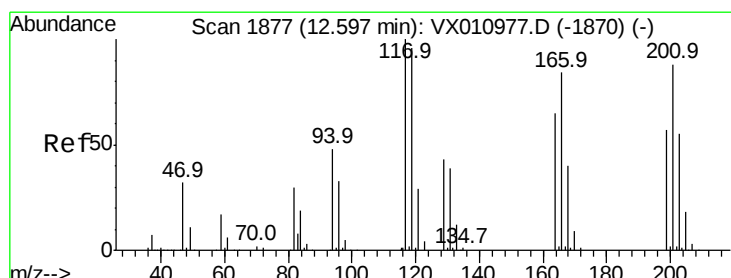
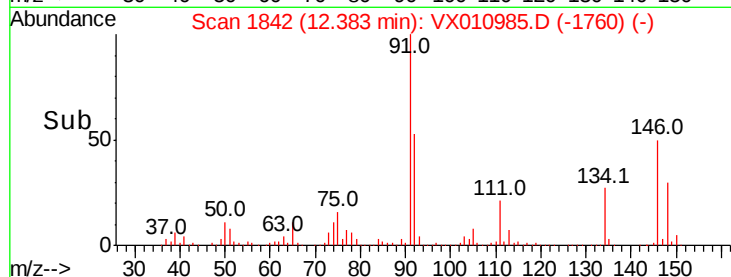
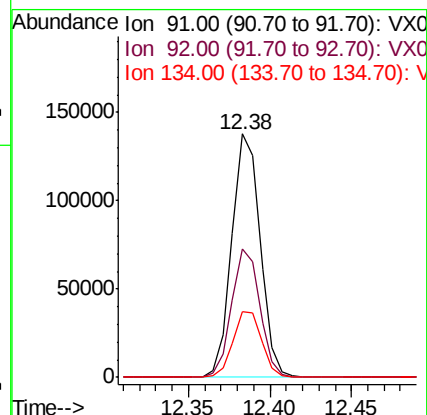
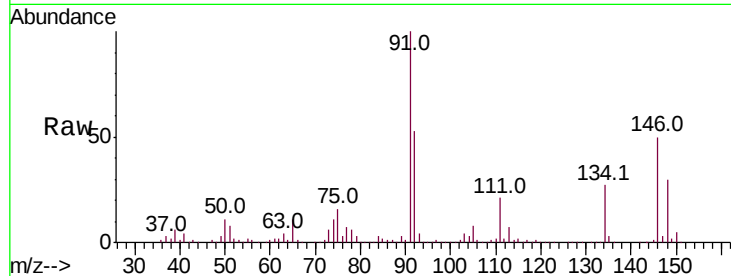
91 100

92 52.6 0.0 103.6

134 27.6 0.0 54.2

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#86

Hexachloroethane

Concen: 17.119 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX010985.D

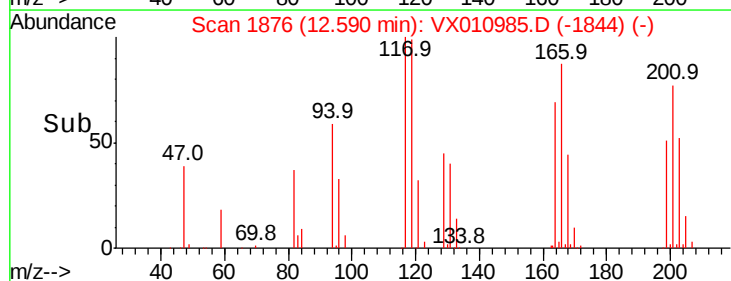
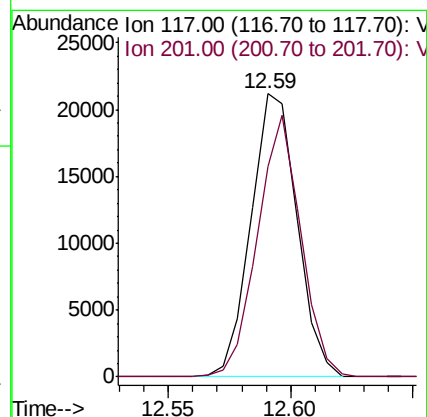
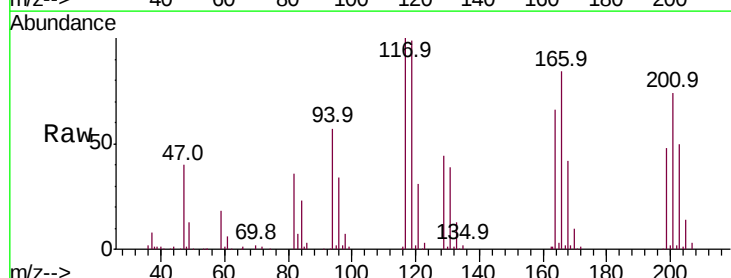
Acq: 19 Jul 2019 02:14

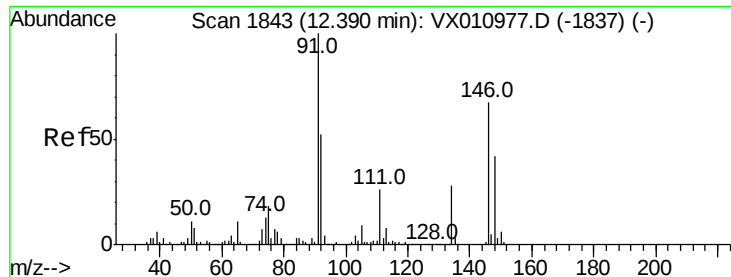
Tgt Ion: 117 Resp: 27993

Ion Ratio Lower Upper

117 100

201 86.5 42.1 126.3





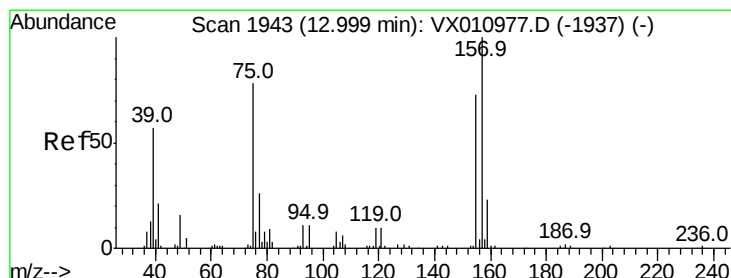
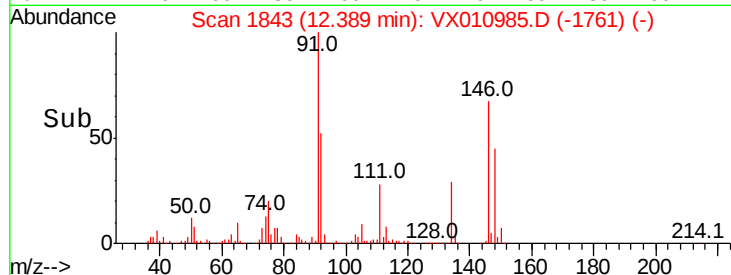
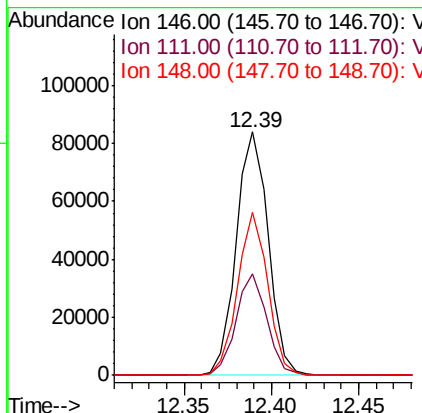
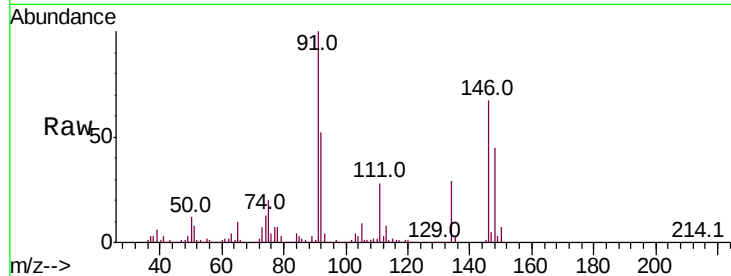
#87
 1,2-Dichlorobenzene
 Concen: 19.832 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.5	58.5
148	63.1	31.5	94.5

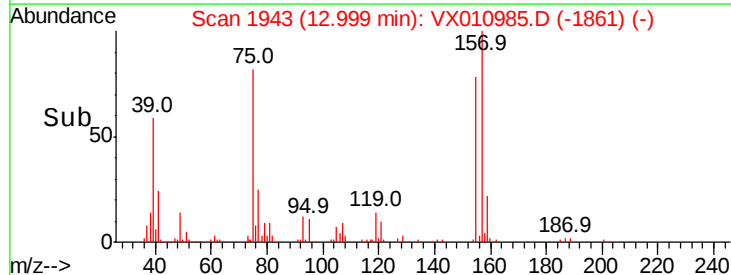
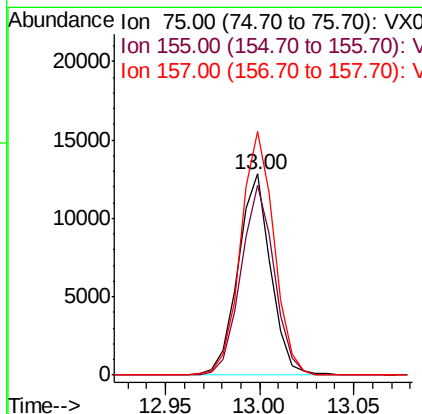
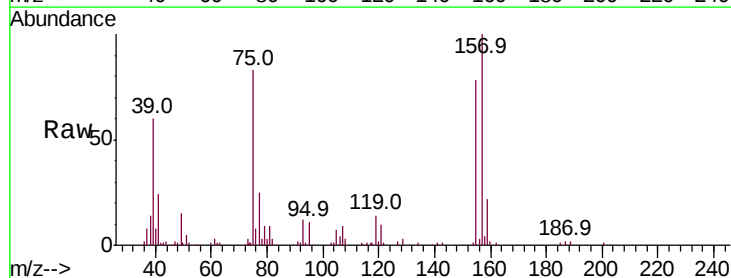
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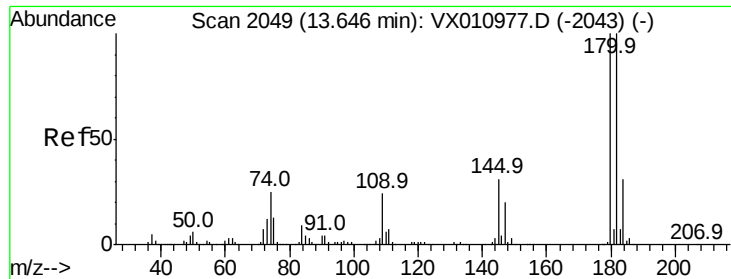
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.809 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.0	76.6	115.0
157	123.3	101.0	151.4





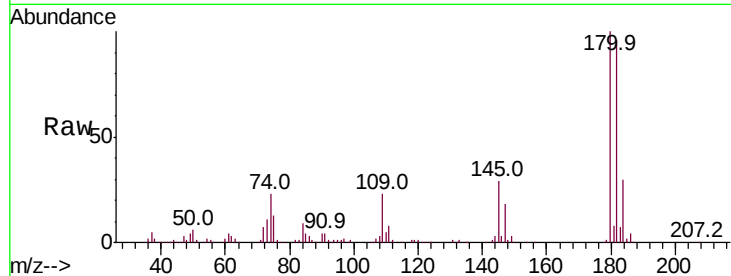
#89
 1,2,4-Trichlorobenzene
 Concen: 19.037 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.6	116.4
145	30.0	23.8	35.6

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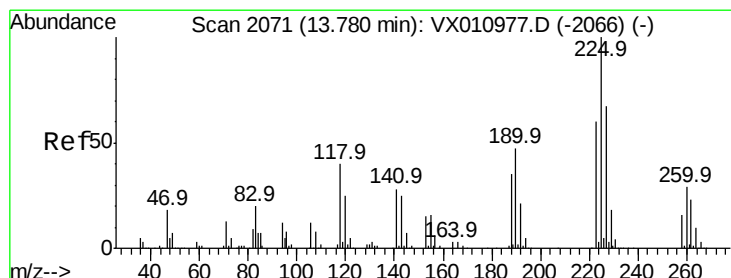
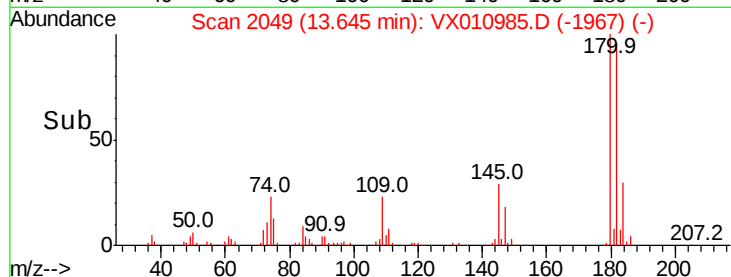
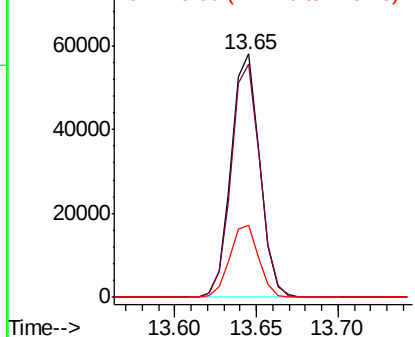


Abundance

Ion 180.00 (179.70 to 180.70): V

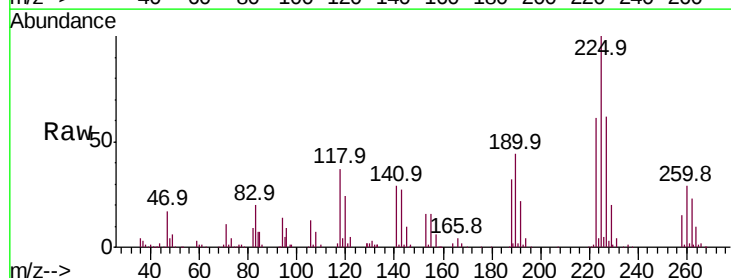
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 19.095 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010985.D
 Acq: 19 Jul 2019 02:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	0.0	121.4
227	63.1	0.0	126.6

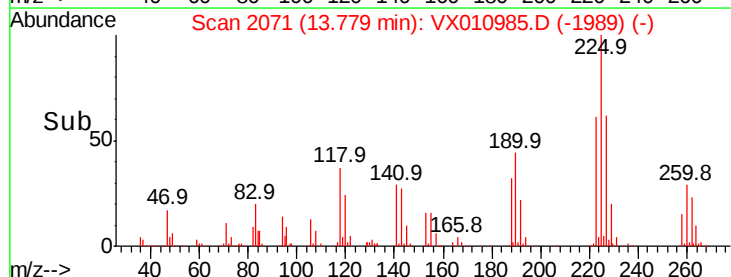
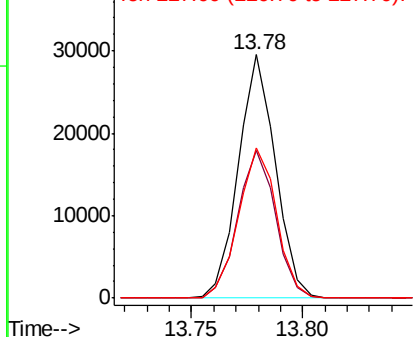


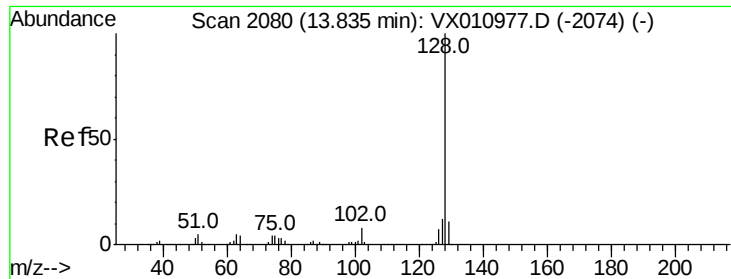
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





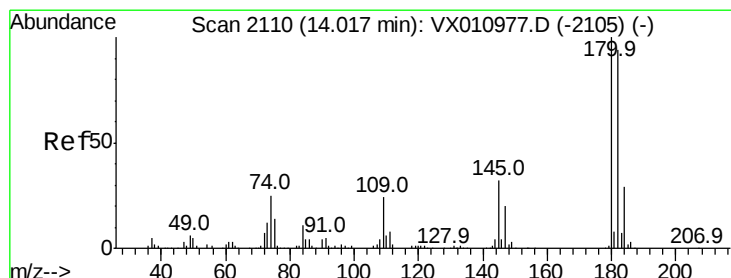
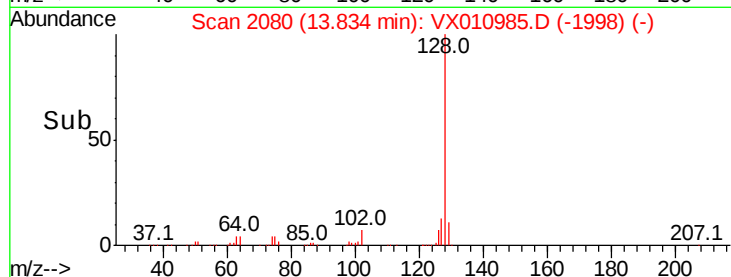
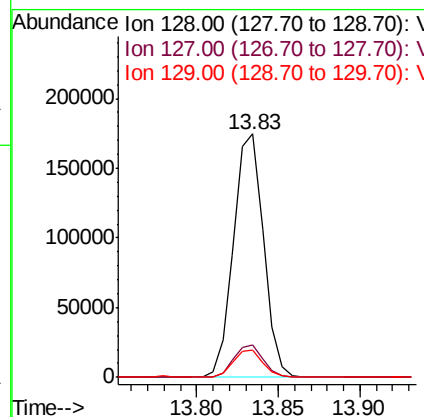
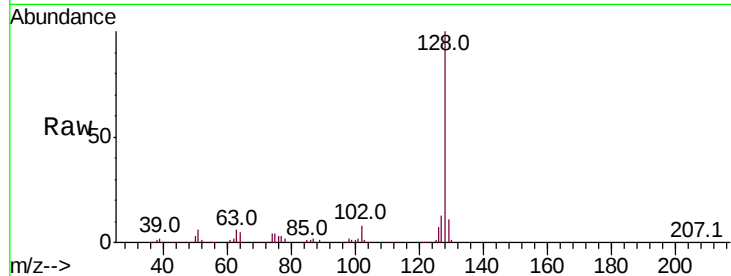
#91
Naphthalene
Concen: 19.744 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	11.0	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
7/19/2019 3:13:09 PM



#92
1,2,3-Trichlorobenzene
Concen: 19.738 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010985.D
Acq: 19 Jul 2019 02:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	0.0	190.2
145	30.5	0.0	63.8

