

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
 Data File : VX010996.D
 Acq On : 19 Jul 2019 12:44
 Operator : JC/SP
 Sample : VX0720WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 5:22:54 PM

Quant Time: Jul 20 01:23:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340656	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158851	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	122325	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	5.50	113	108134	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
50) Toluene-d8	8.71	98	412052	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.13	95	148906	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46742	19.666	ug/l	100
3) Chloromethane	1.33	50	40205	19.280	ug/l	99
4) Vinyl Chloride	1.41	62	42991	20.212	ug/l	99
5) Bromomethane	1.64	94	25610	21.366	ug/l	99
6) Chloroethane	1.73	64	25630	18.962	ug/l	99
7) Trichlorofluoromethane	1.93	101	72103	20.026	ug/l	100
8) Diethyl Ether	2.19	74	23620	19.040	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40605	19.752	ug/l	99
10) Methyl Iodide	2.51	142	41883	15.525	ug/l	99
11) Tert butyl alcohol	3.04	59	54479	96.968	ug/l	98
12) 1,1-Dichloroethene	2.37	96	39740	19.675	ug/l	99
13) Acrolein	2.29	56	24285	74.814	ug/l	99
14) Allyl chloride	2.73	41	57443	19.579	ug/l	99
15) Acrylonitrile	3.14	53	113392	99.881	ug/l	99
16) Acetone	2.45	43	106336	97.596	ug/l	96
17) Carbon Disulfide	2.57	76	94338	18.208	ug/l	99
18) Methyl Acetate	2.78	43	48439	19.524	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	129194	19.869	ug/l	97
20) Methylene Chloride	2.85	84	44767	19.388	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	41680	19.448	ug/l	99
22) Diisopropyl ether	3.85	45	122701	19.830	ug/l	97
23) Vinyl Acetate	3.81	43	525953	100.319	ug/l	100
24) 1,1-Dichloroethane	3.70	63	69951	19.466	ug/l	100
25) 2-Butanone	4.67	43	158160	101.122	ug/l	98
26) 2,2-Dichloropropane	4.59	77	55947	18.961	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	48802	19.676	ug/l	97
28) Bromochloromethane	5.01	49	30036	17.737	ug/l	100
29) Tetrahydrofuran	5.13	42	98533	99.455	ug/l	99
30) Chloroform	5.21	83	75222	19.366	ug/l	96
31) Cyclohexane	5.58	56	63607	19.419	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	65614	19.525	ug/l	99
36) 1,1-Dichloropropene	5.80	75	54800	19.584	ug/l	99
37) Ethyl Acetate	4.84	43	57265	19.986	ug/l	97
38) Carbon Tetrachloride	5.79	117	57100	19.583	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68283	18.817	ug/l	97
40) Benzene	6.14	78	168213	19.625	ug/l	99
41) Methacrylonitrile	5.04	41	31268	19.224	ug/l	99
42) 1,2-Dichloroethane	6.20	62	58091	19.492	ug/l	100
43) Isopropyl Acetate	6.45	43	91006	19.316	ug/l	99
44) Trichloroethene	7.21	130	49166	19.378	ug/l	91
45) 1,2-Dichloropropane	7.51	63	40915	18.755	ug/l	96
46) Dibromomethane	7.66	93	30664	19.670	ug/l	99
47) Bromodichloromethane	7.90	83	54231	19.543	ug/l	97
48) Methyl methacrylate	7.77	41	44380	19.337	ug/l	98
49) 1,4-Dioxane	7.74	88	25353	394.905	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	304946	99.849	ug/l	100
52) Toluene	8.78	92	109015	19.360	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	57256	19.189	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	64534	19.437	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	45036	19.425	ug/l	99
56) Ethyl methacrylate	9.18	69	66207	19.522	ug/l	98
57) 1,3-Dichloropropane	9.37	76	71876	19.542	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	162191	100.186	ug/l	99
59) 2-Hexanone	9.49	43	239710	101.195	ug/l	100
60) Dibromochloromethane	9.58	129	45458	18.703	ug/l	100
61) 1,2-Dibromoethane	9.67	107	49017	19.922	ug/l	100
64) Tetrachloroethene	9.34	164	47465	19.624	ug/l	97
65) Chlorobenzene	10.13	112	123220	19.512	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	42997	19.373	ug/l	96
67) Ethyl Benzene	10.25	91	212750	19.793	ug/l	100
68) m/p-Xylenes	10.36	106	163021	39.537	ug/l	100
69) o-Xylene	10.69	106	79364	19.722	ug/l	100
70) Styrene	10.71	104	134135	19.996	ug/l	100
71) Bromoform	10.85	173	33359	18.215	ug/l #	99
73) Isopropylbenzene	11.02	105	214595	19.993	ug/l	100
74) N-amyl acetate	10.90	43	80924	19.732	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70188	19.982	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	59007m	20.585	ug/l	
77) Bromobenzene	11.26	156	57209	19.323	ug/l	99
78) n-propylbenzene	11.36	91	238266	20.090	ug/l	99
79) 2-Chlorotoluene	11.42	91	142249	19.967	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	180335	20.107	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	18159	18.752	ug/l	91
82) 4-Chlorotoluene	11.51	91	164369	19.823	ug/l	99
83) tert-Butylbenzene	11.77	119	177987	20.203	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	181298	20.056	ug/l	99
85) sec-Butylbenzene	11.94	105	210957	20.436	ug/l	100
86) p-Isopropyltoluene	12.06	119	193128	20.237	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	102369	19.924	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	102434	19.439	ug/l	99
89) n-Butylbenzene	12.38	91	163075	19.973	ug/l	99
90) Hexachloroethane	12.60	117	28101	18.669	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	101578	19.948	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15379	20.945	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	69289	20.078	ug/l	100
94) Hexachlorobutadiene	13.78	225	33893	19.819	ug/l	98
95) Naphthalene	13.83	128	211513	20.756	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	69610	20.272	ug/l	99

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

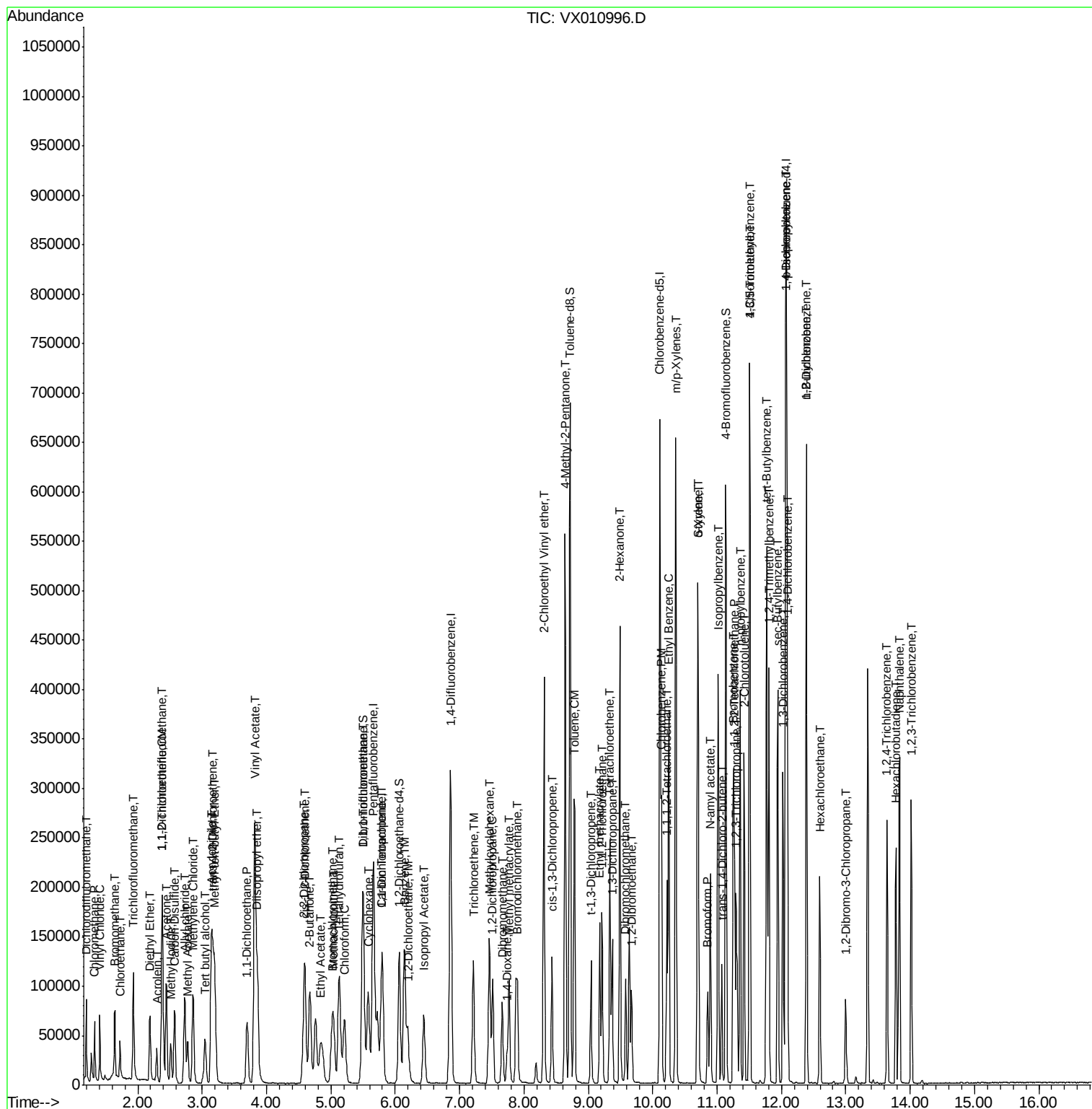
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
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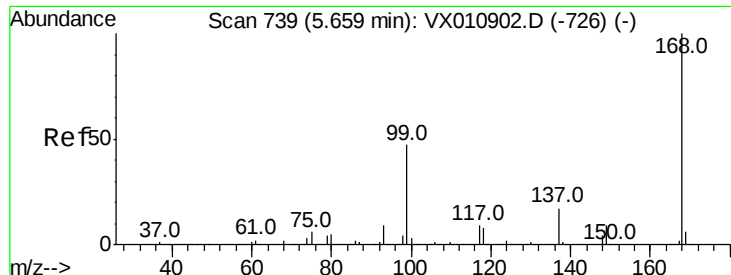
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

Tot Ion:168 Resp: 226762

Ion Ratio Lower Upper

168 100

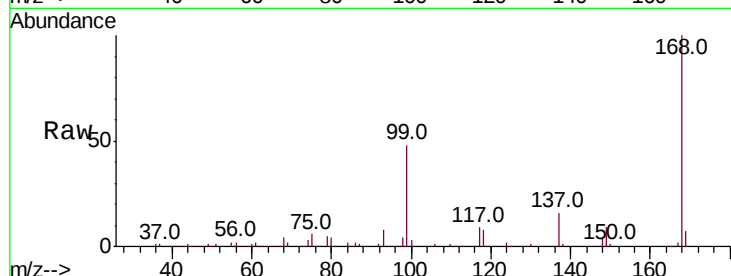
99 47.8 37.6 56.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

40000

20000

0

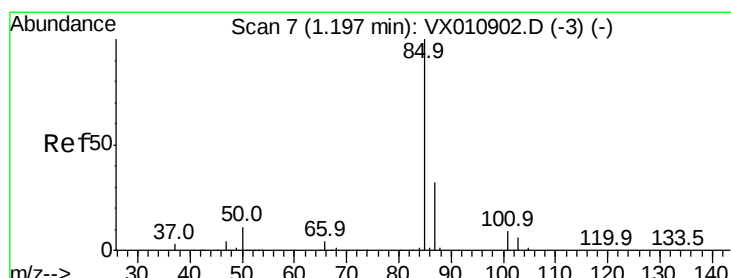
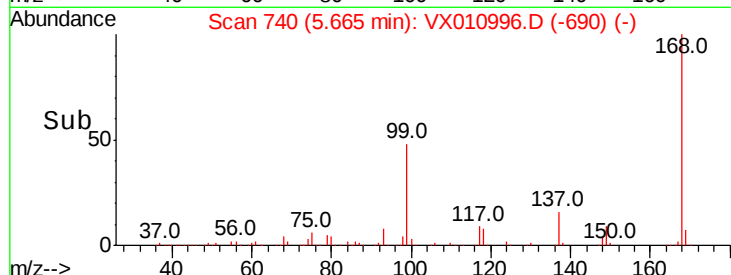
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.666 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010996.D

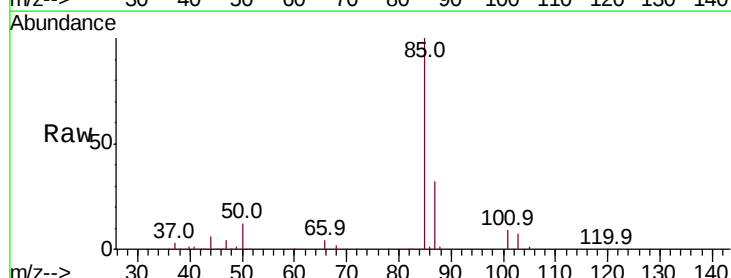
Acq: 19 Jul 2019 12:44

Tgt Ion: 85 Resp: 46742

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

50000

40000

30000

20000

10000

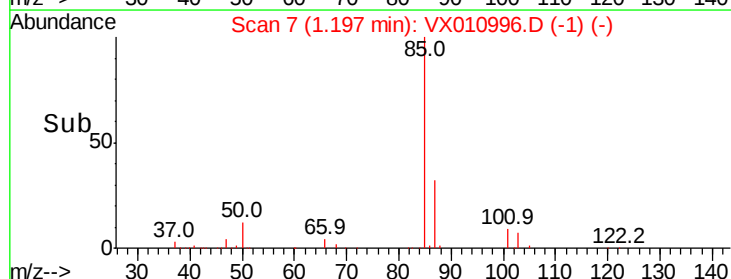
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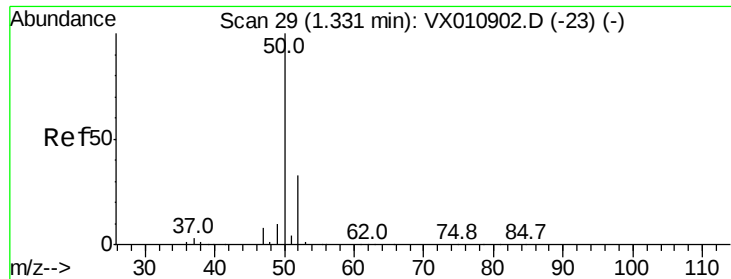
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 19.280 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

Tot Ion: 50 Resp: 40205

Ion Ratio Lower Upper

50 100

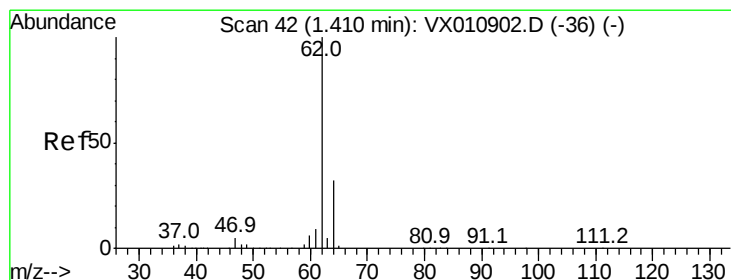
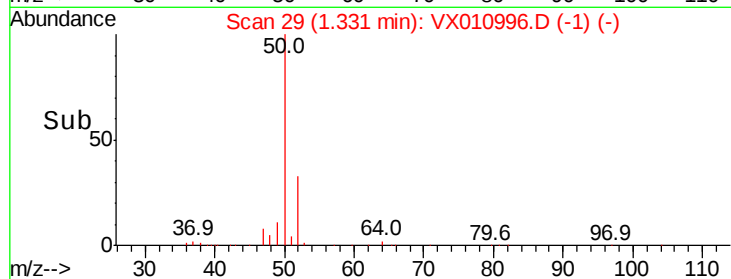
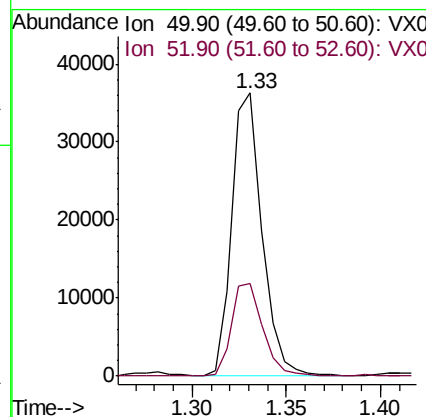
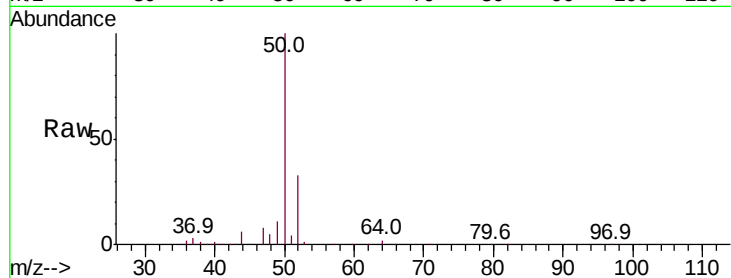
52 32.6 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.212 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010996.D

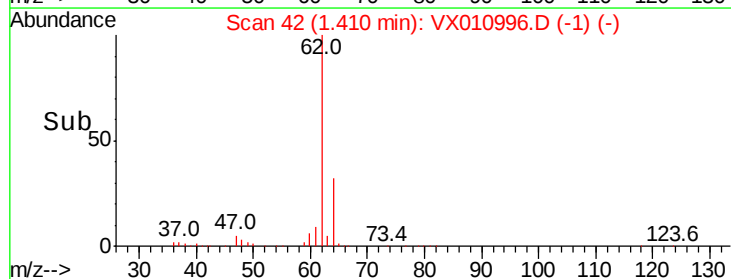
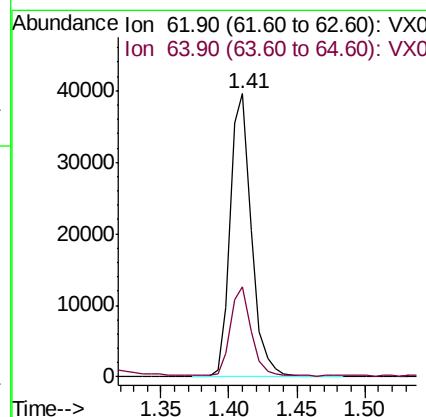
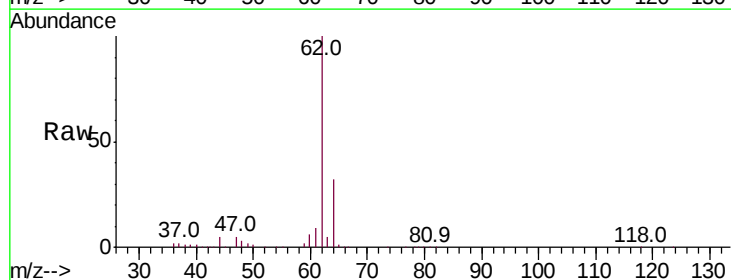
Acq: 19 Jul 2019 12:44

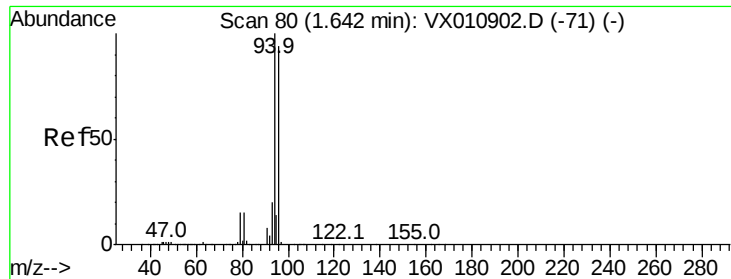
Tgt Ion: 62 Resp: 42991

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





#5

Bromomethane

Concen: 21.366 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

Tot Ion: 94 Resp: 25610

Ion Ratio Lower Upper

94 100

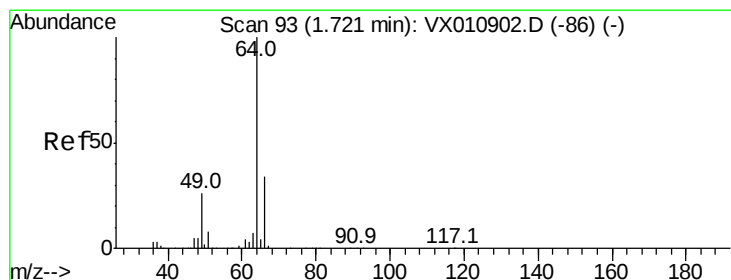
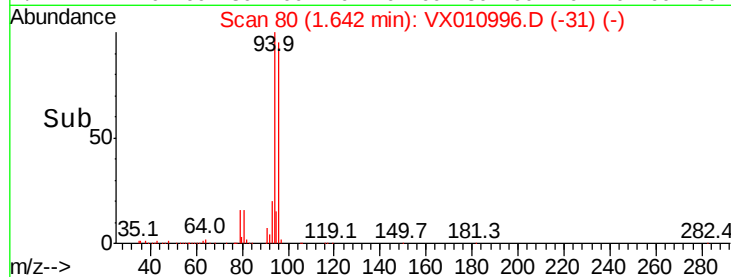
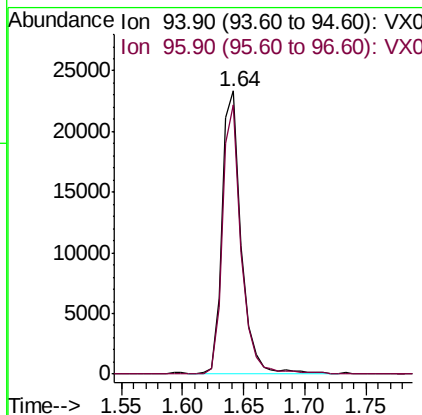
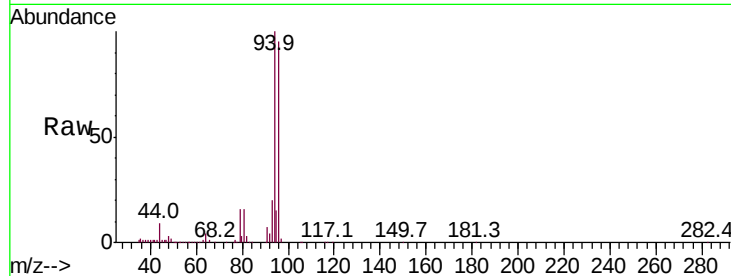
96 95.1 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 18.962 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010996.D

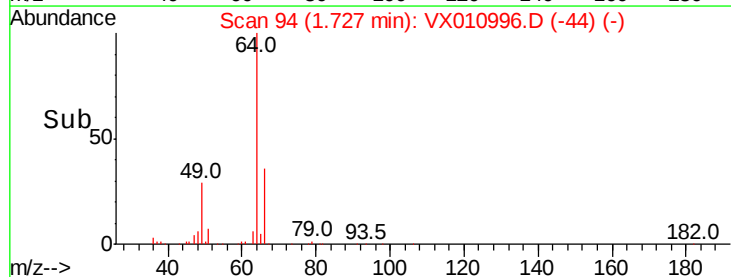
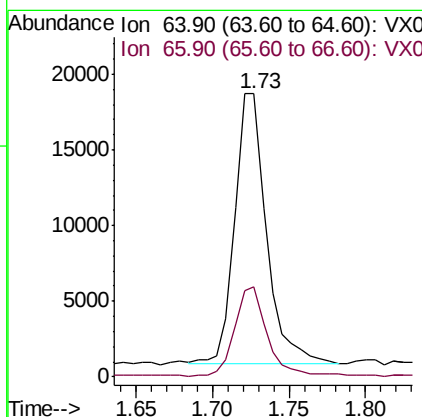
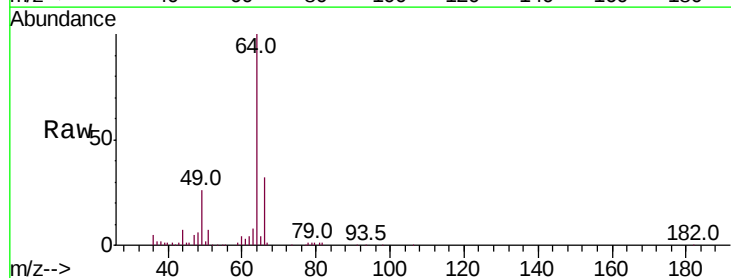
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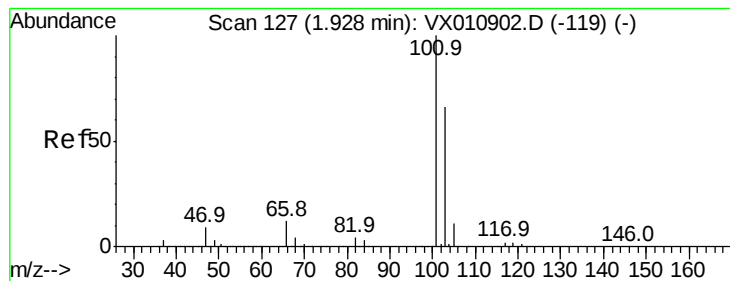
Tgt Ion: 64 Resp: 25630

Ion Ratio Lower Upper

64 100

66 33.2 27.0 40.6





#7

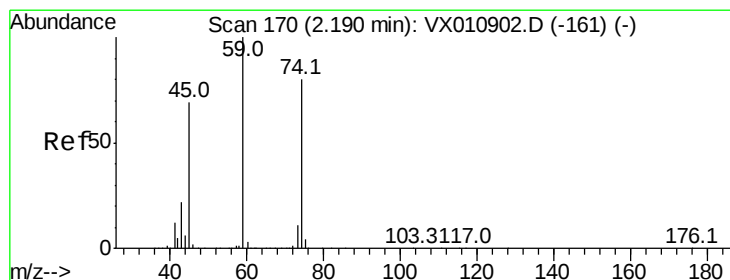
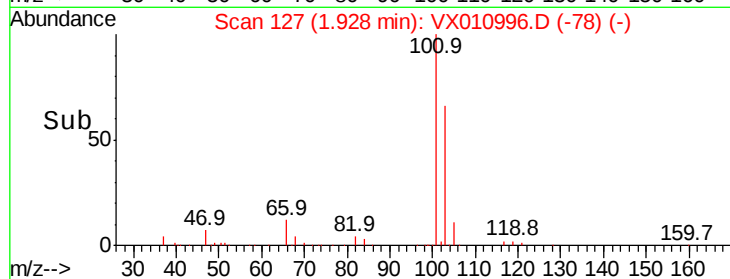
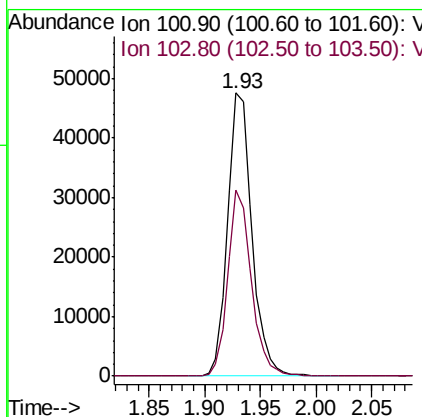
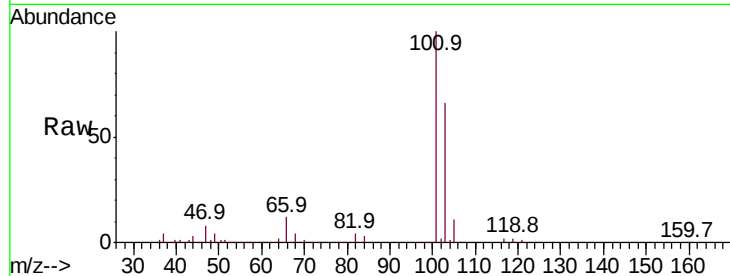
Trichlorofluoromethane
 Concen: 20.026 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.6	78.8

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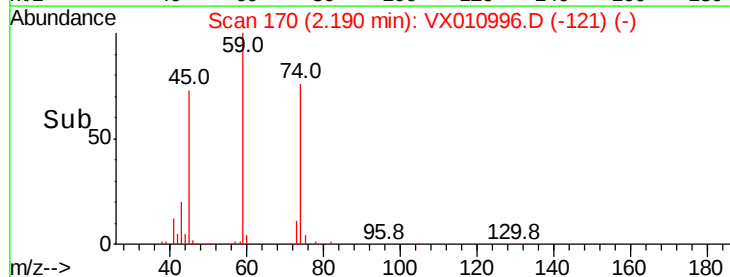
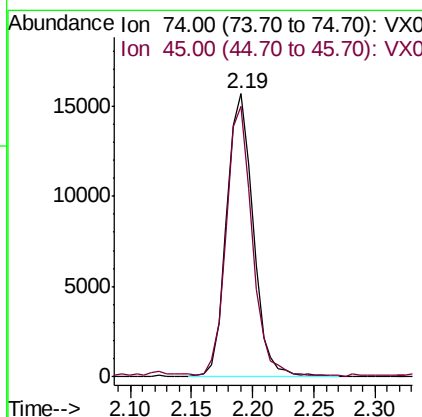
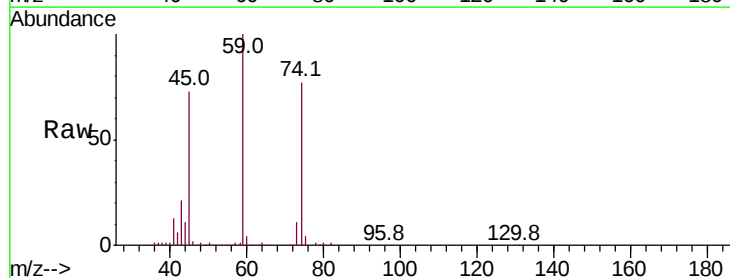
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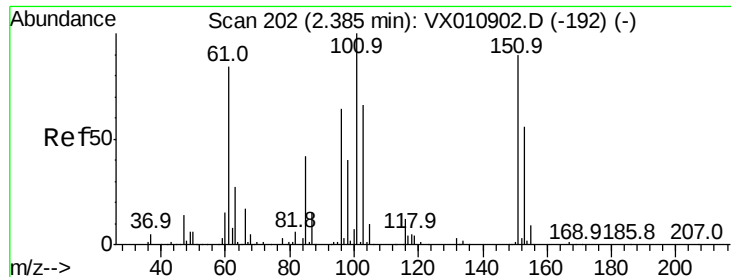


#8

Diethyl Ether
 Concen: 19.040 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.5	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.752 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

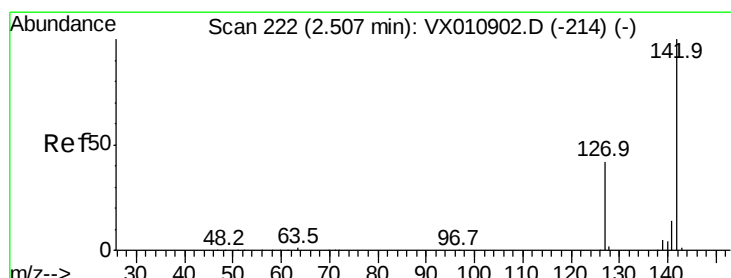
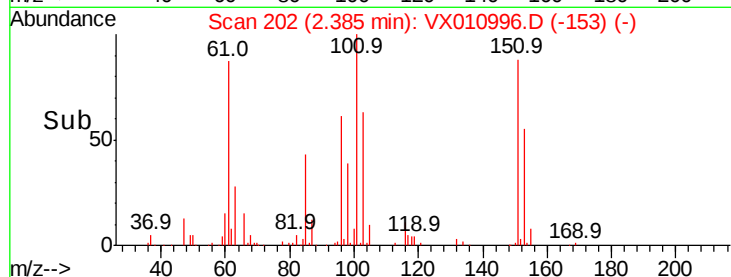
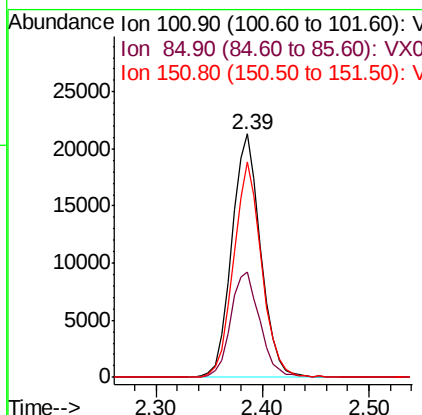
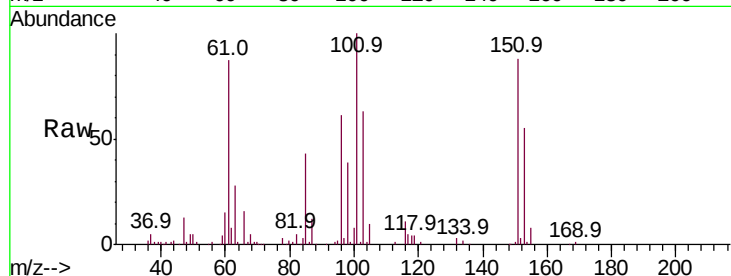
ClientSampleId :

VX0720WBSD01

Tot Ion:	101	Resp:	40605
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.6	52.0
151	86.0	69.6	104.4

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#10

Methyl Iodide

Concen: 15.525 ug/l

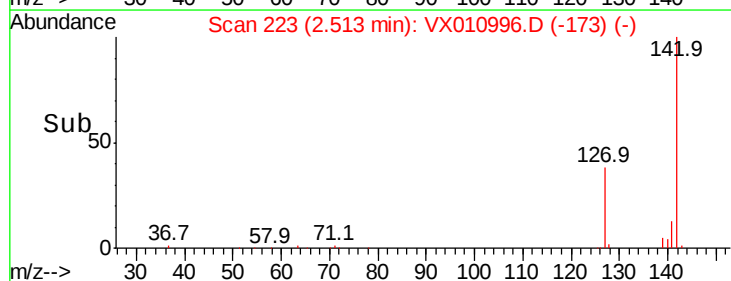
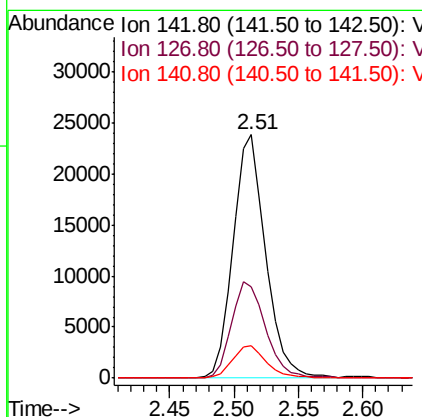
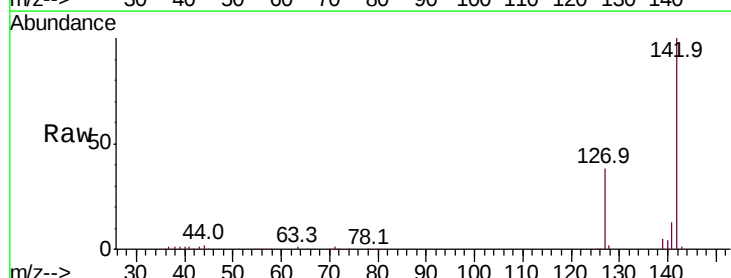
RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Tgt Ion:	142	Resp:	41883
Ion Ratio	Lower	Upper	
142	100		
127	41.9	34.2	51.4
141	14.0	11.7	17.5





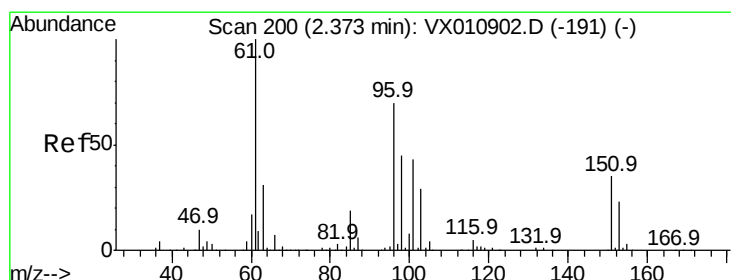
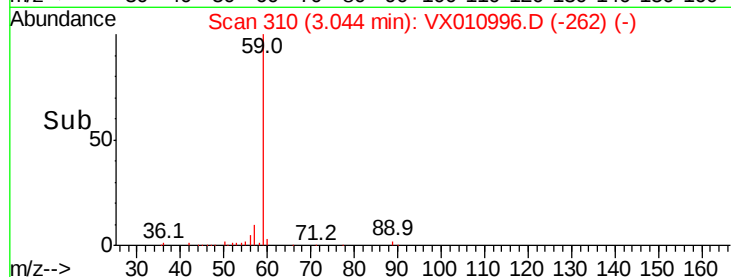
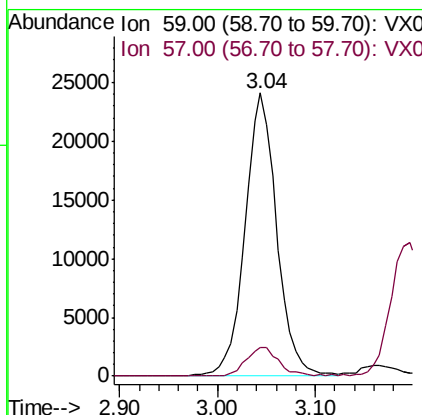
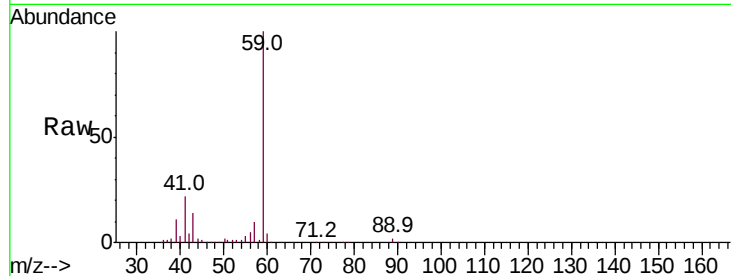
#11
Tert butyl alcohol
Concen: 96.968 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Instrument :
MSVOA_X
ClientSampleID :
VX0720WBSD01

Tot Ion: 59 Resp: 54479
Ion Ratio Lower Upper
59 100
57 10.6 7.9 11.9

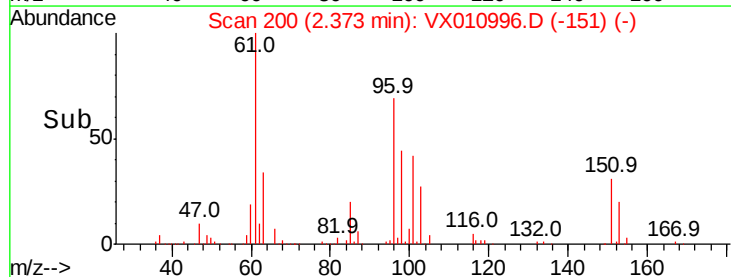
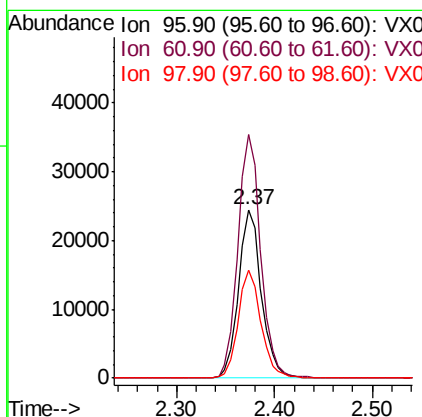
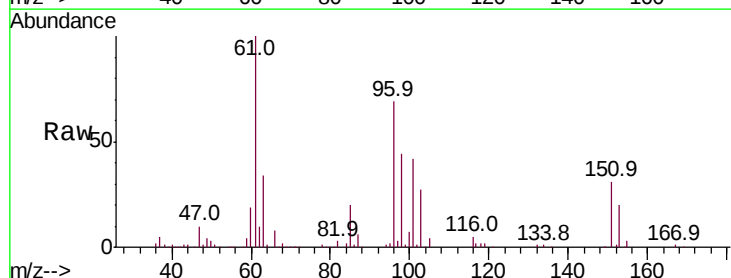
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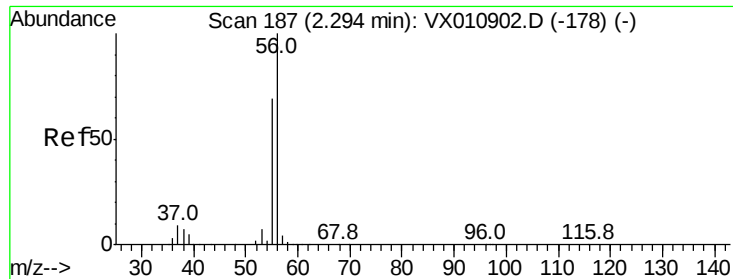
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.675 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion: 96 Resp: 39740
Ion Ratio Lower Upper
96 100
61 144.6 115.0 172.4
98 64.3 52.2 78.2





#13

Acrolein

Concen: 74.814 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampled :

VX0720WBSD01

Tot Ion: 56 Resp: 24285

Ion Ratio Lower Upper

56 100

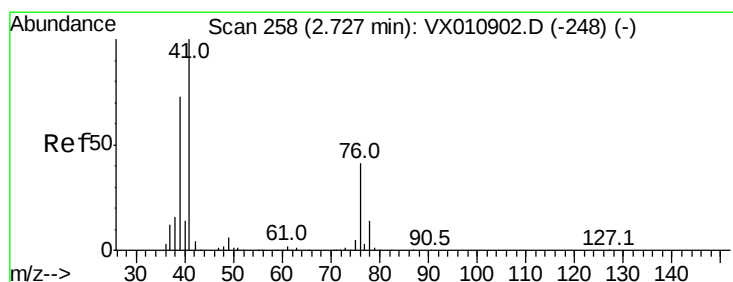
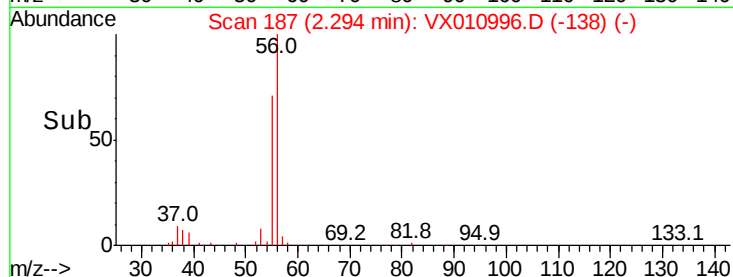
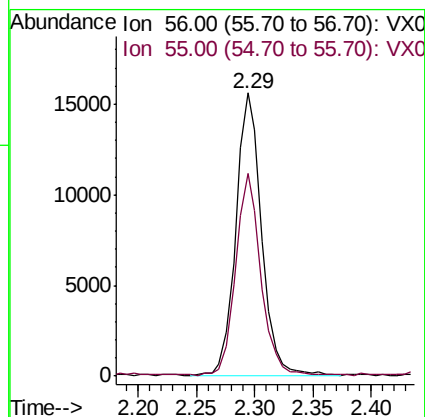
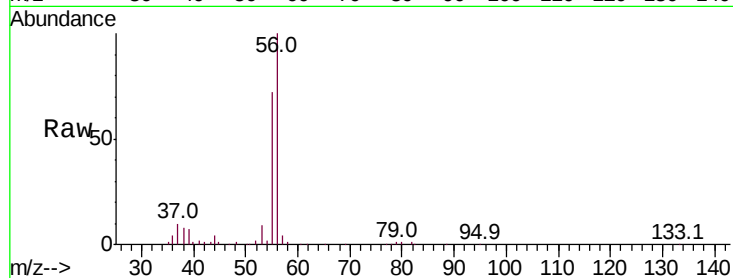
55 70.5 55.9 83.9

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#14

Allyl chloride

Concen: 19.579 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

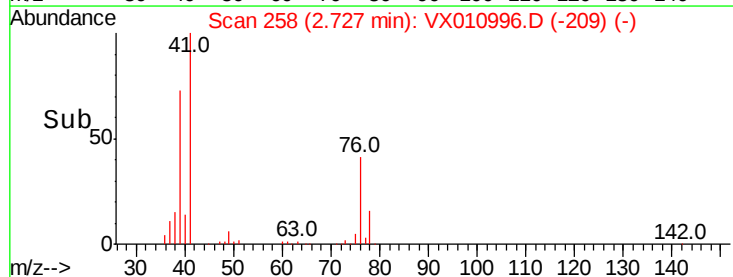
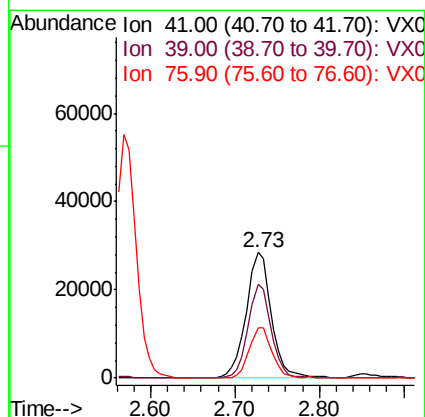
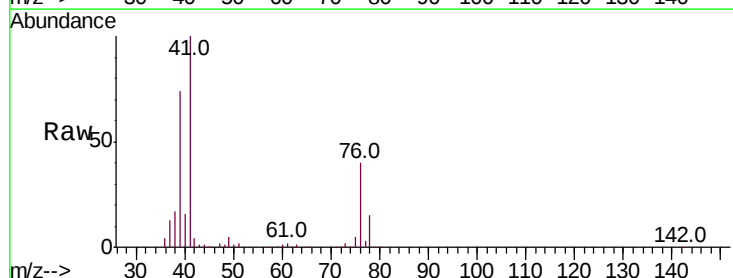
Tgt Ion: 41 Resp: 57443

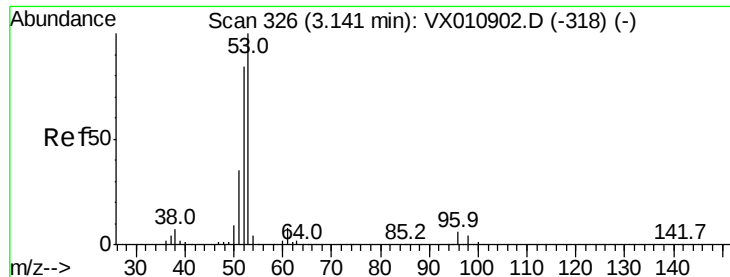
Ion Ratio Lower Upper

41 100

39 66.9 53.6 80.4

76 35.6 29.7 44.5





#15

Acrylonitrile

Concen: 99.881 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

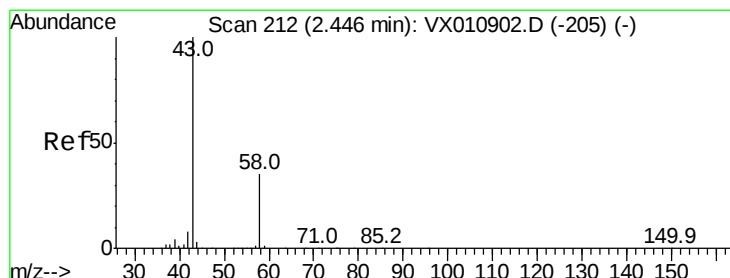
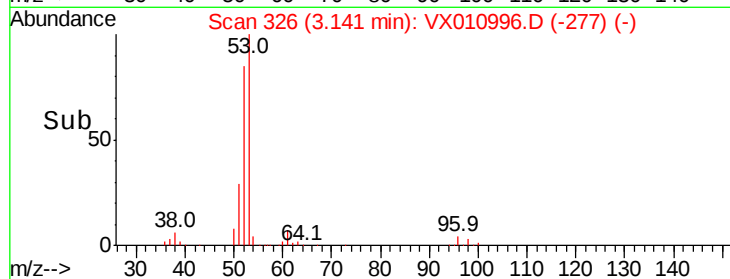
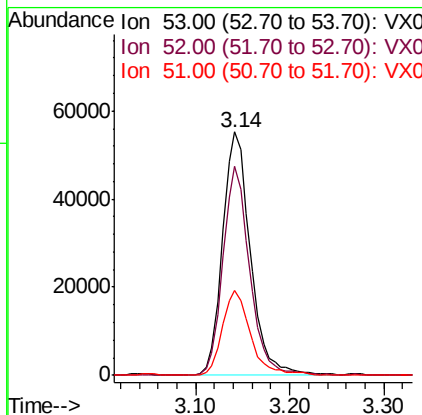
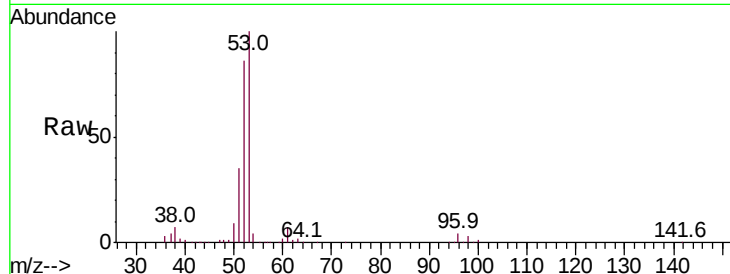
ClientSampleId :

VX0720WBSD01

Tot Ion:	53	Resp:	113392
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.5	99.7
51	35.6	28.2	42.4

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#16

Acetone

Concen: 97.596 ug/l

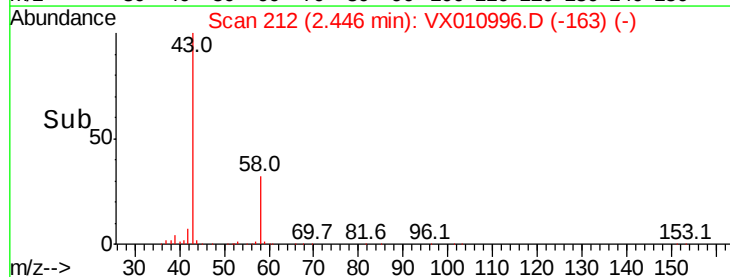
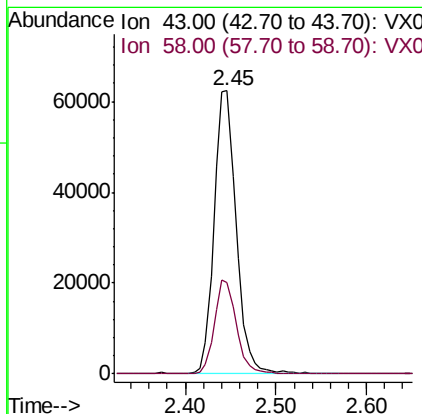
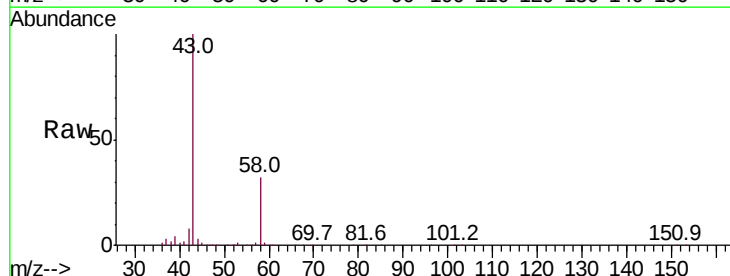
RT: 2.45 min Scan# 212

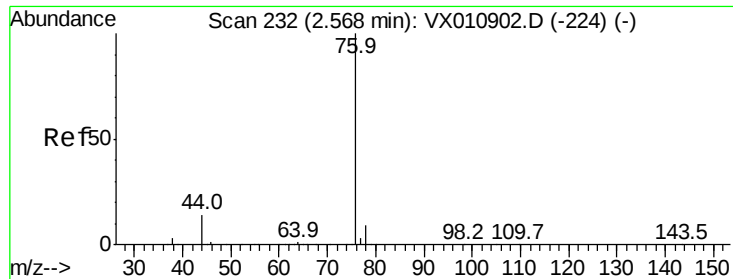
Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Tgt Ion:	43	Resp:	106336
Ion Ratio	Lower	Upper	
43	100		
58	32.4	27.7	41.5





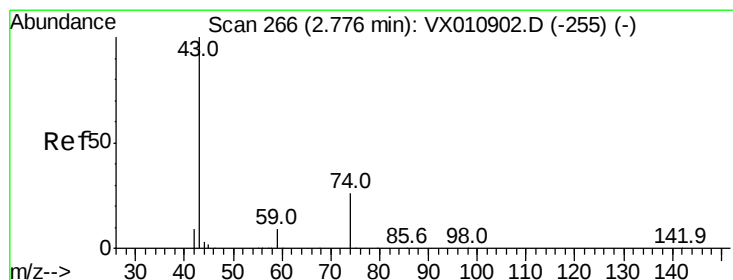
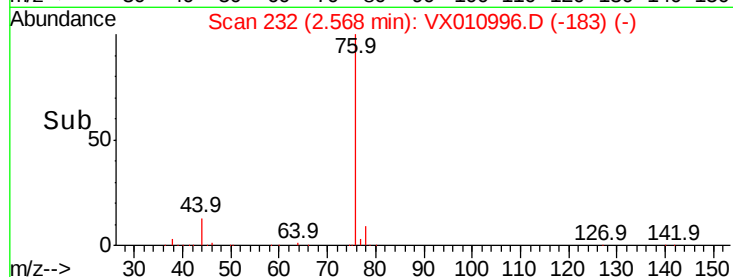
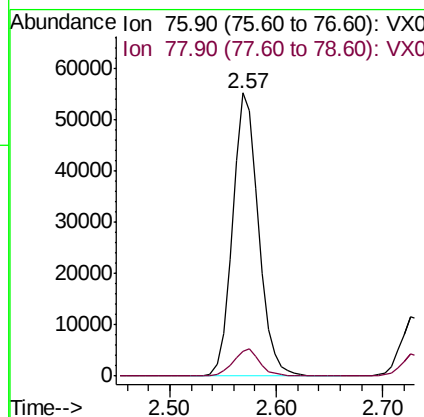
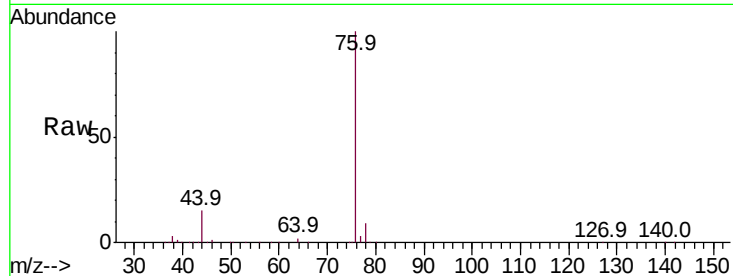
#17
Carbon Disulfide
Concen: 18.208 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0

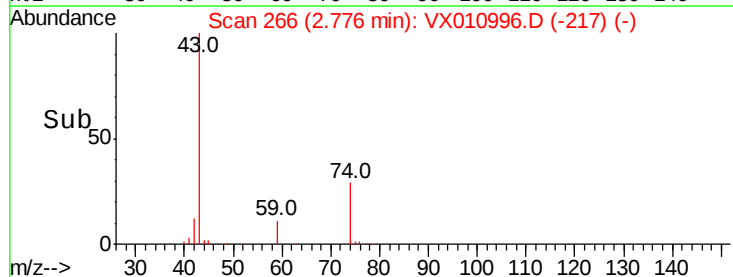
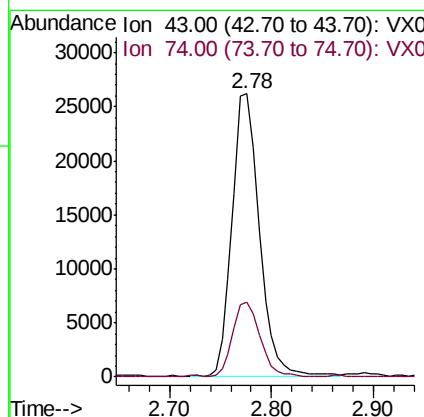
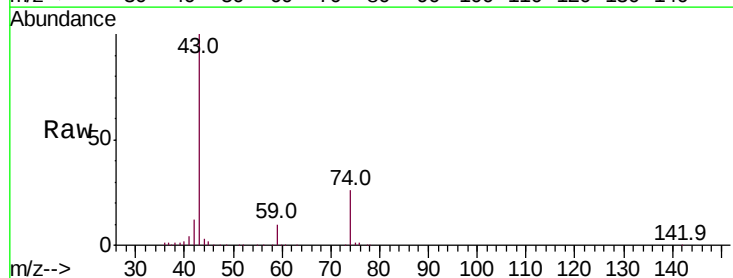
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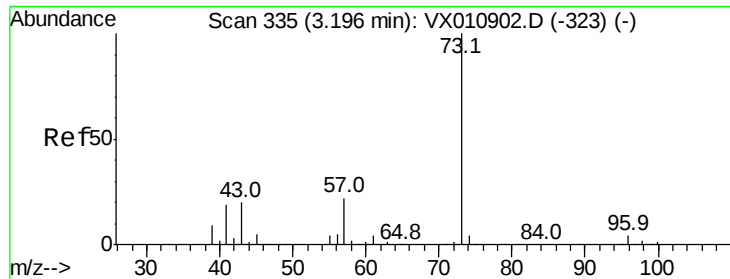
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#18
Methyl Acetate
Concen: 19.524 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.0	21.5	32.3





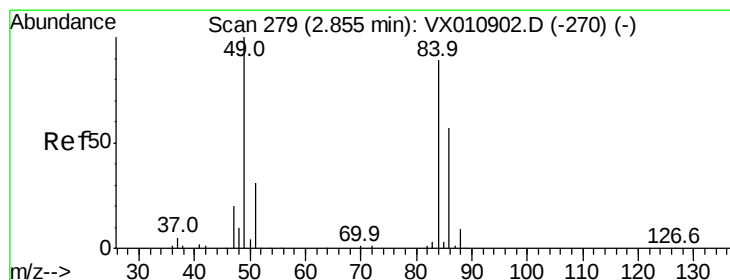
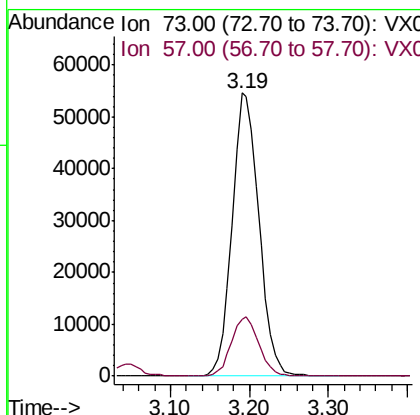
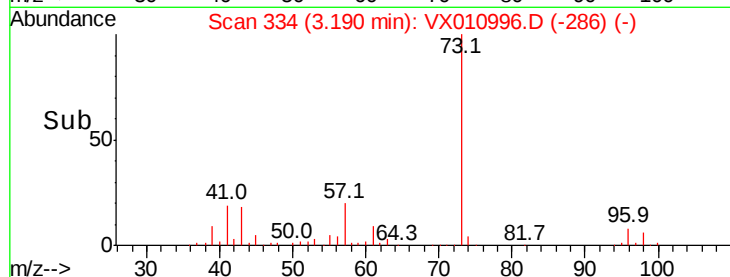
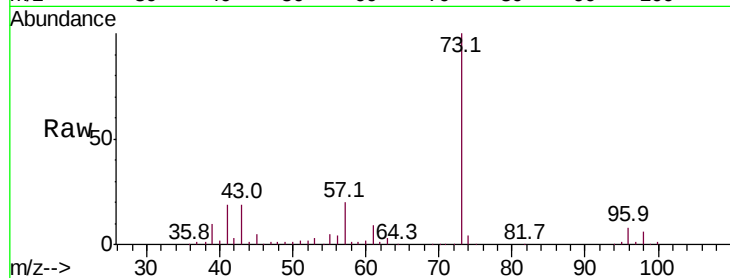
#19
Methvl tert-butvl Ether
Concen: 19.869 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

Tot Ion: 73 Resp: 129194
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9

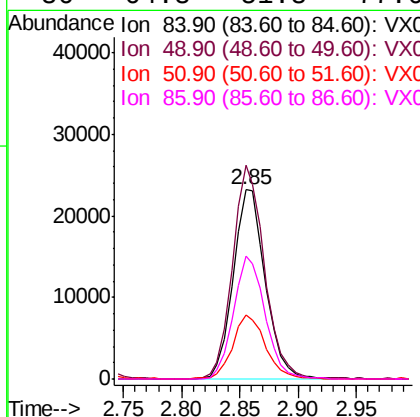
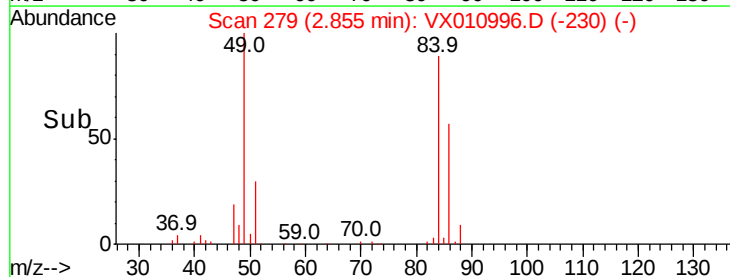
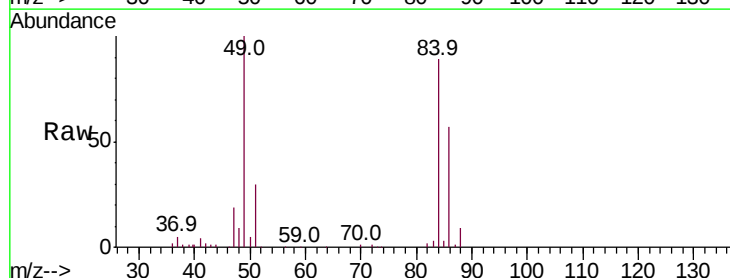
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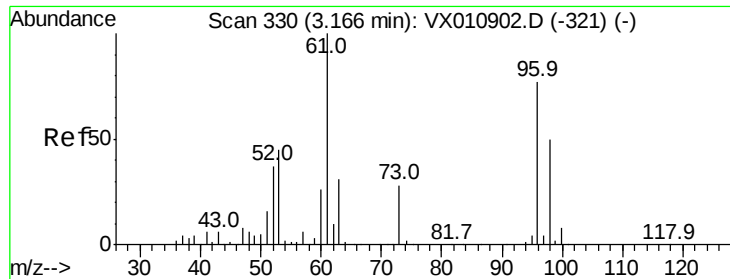
MMDadoda
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#20
Methylene Chloride
Concen: 19.388 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion: 84 Resp: 44767
Ion Ratio Lower Upper
84 100
49 112.9 89.9 134.9
51 33.8 27.8 41.6
86 64.8 51.8 77.6





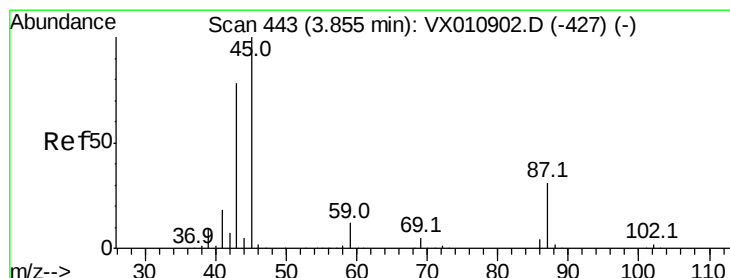
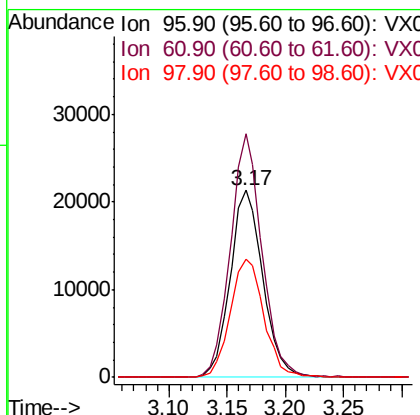
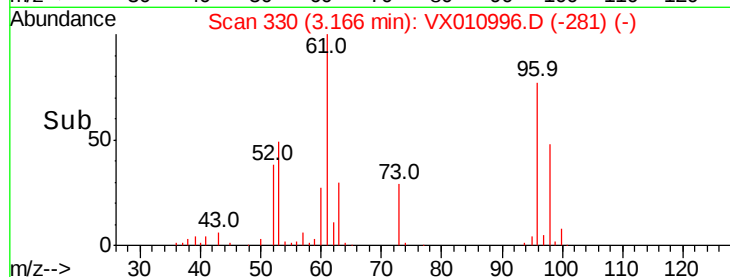
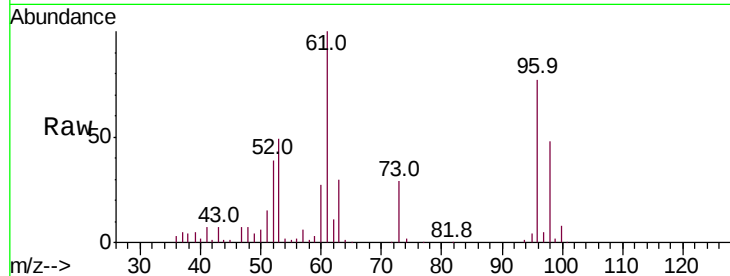
#21
trans-1,2-Dichloroethene
Concen: 19.448 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.8	104.2	156.2
98	62.8	52.2	78.4

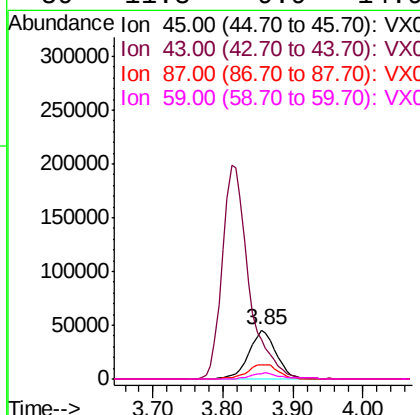
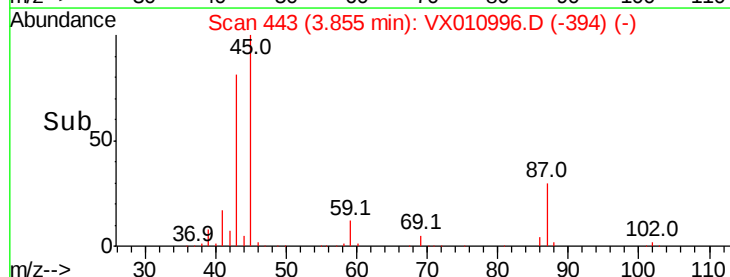
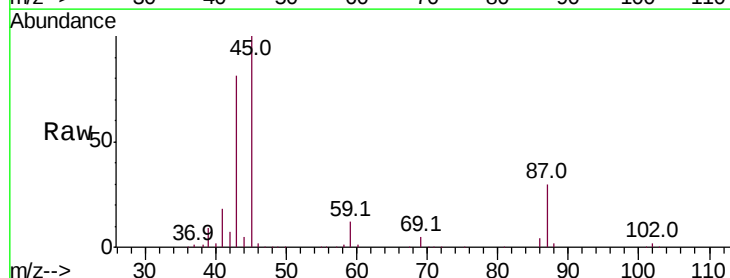
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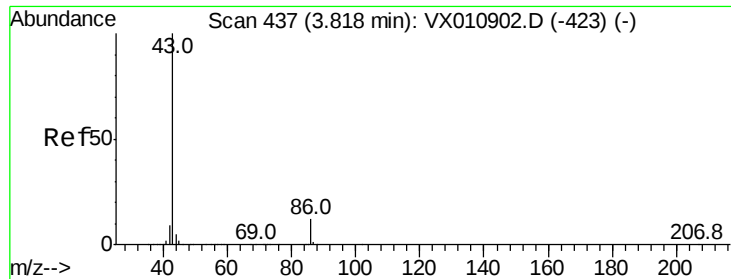
MMDadoda
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#22
Diisopropyl ether
Concen: 19.830 ug/l
RT: 3.85 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion	Ratio	Lower	Upper
45	100		
43	80.6	62.3	93.5
87	30.1	25.0	37.4
59	11.8	9.9	14.9





#23

Vinyl Acetate

Concen: 100.319 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

Tot Ion: 43 Resp: 525953

Ion Ratio Lower Upper

43 100

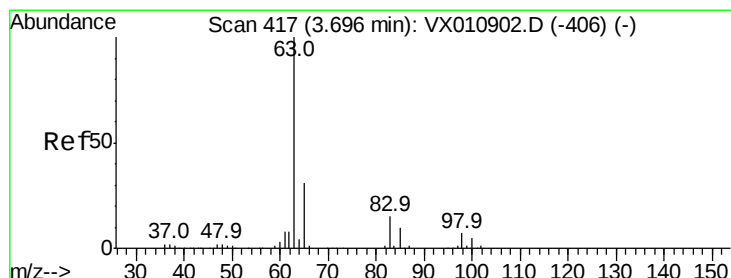
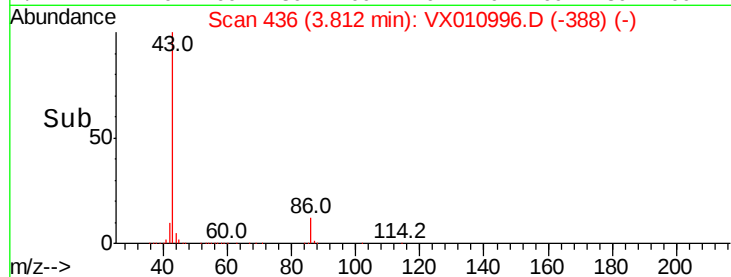
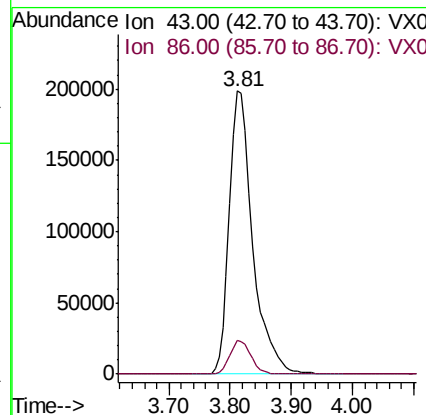
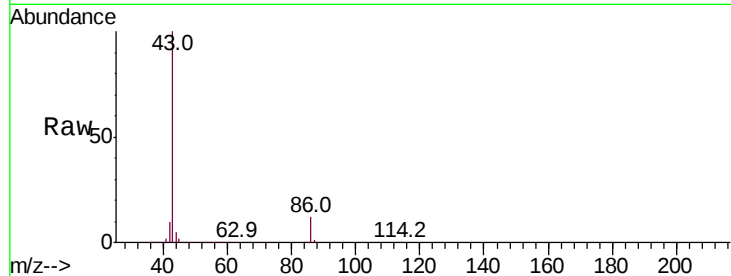
86 11.8 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 19.466 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

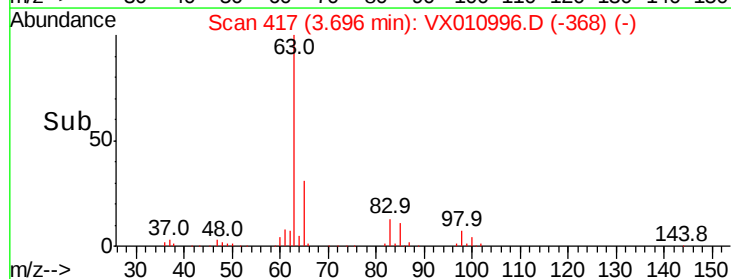
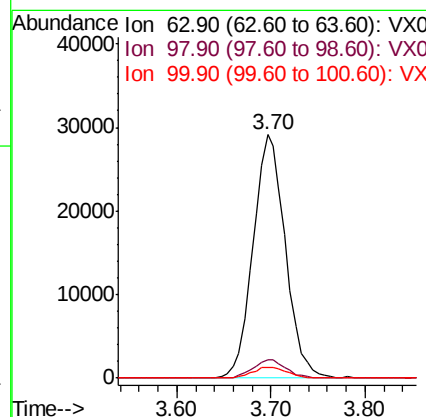
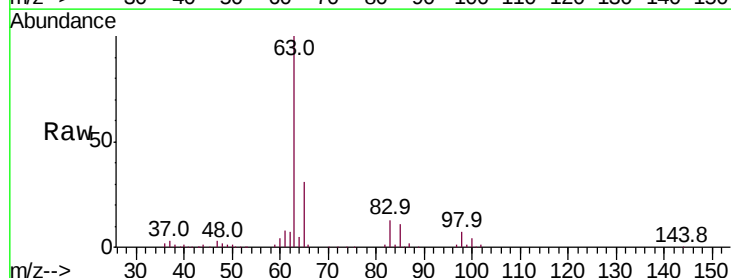
Tgt Ion: 63 Resp: 69951

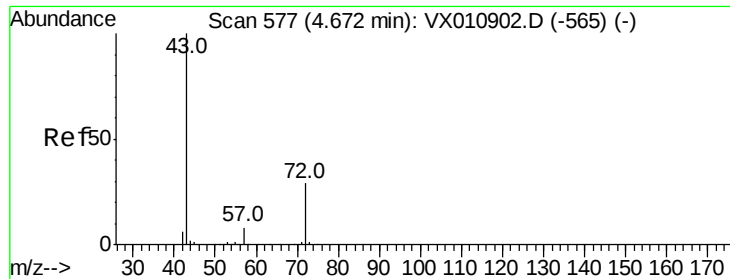
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 101.122 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Tot Ion: 43 Resp: 158160

Ion Ratio Lower Upper

43 100

72 27.7 23.0 34.6

Instrument :

MSVOA_X

ClientSampleId :

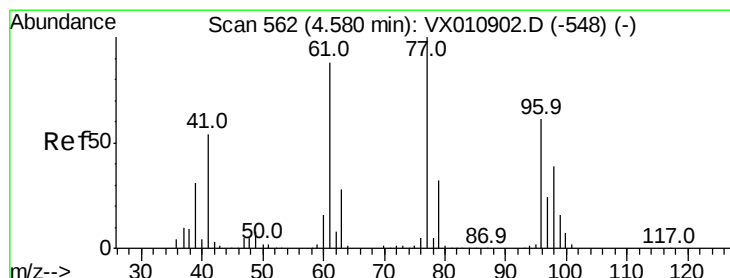
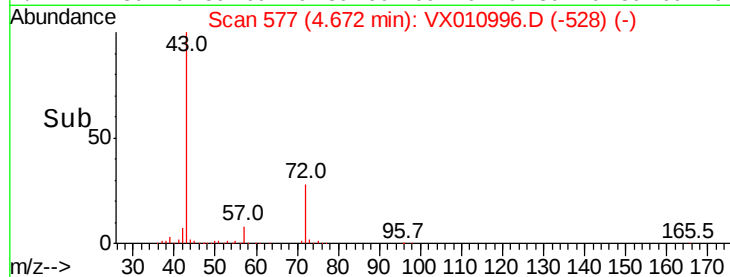
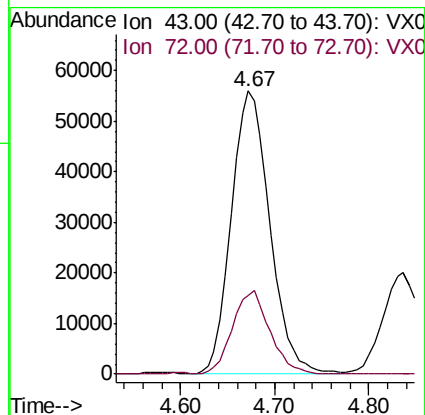
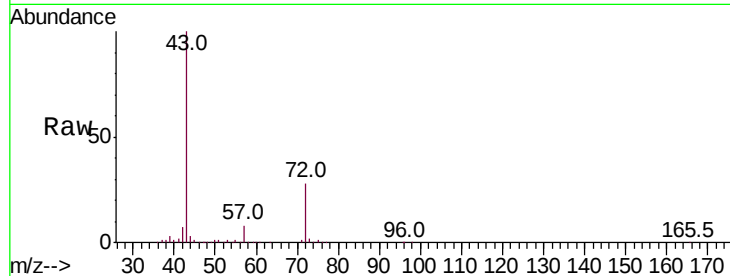
VX0720WBSD01

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#26

2,2-Dichloropropane

Concen: 18.961 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010996.D

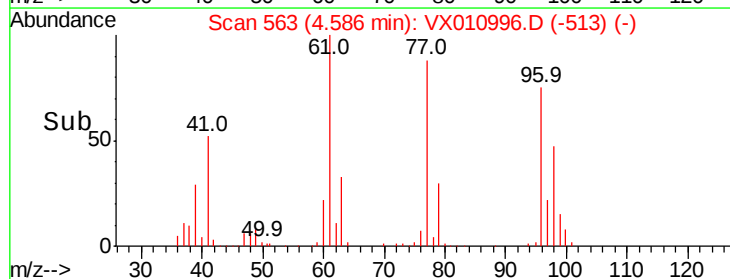
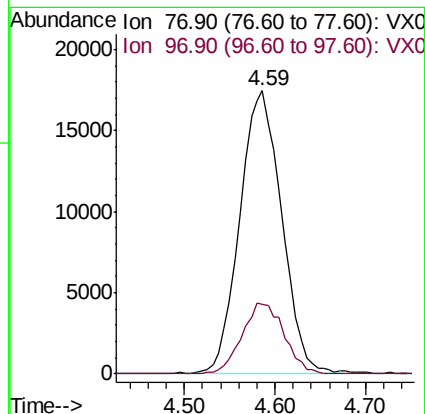
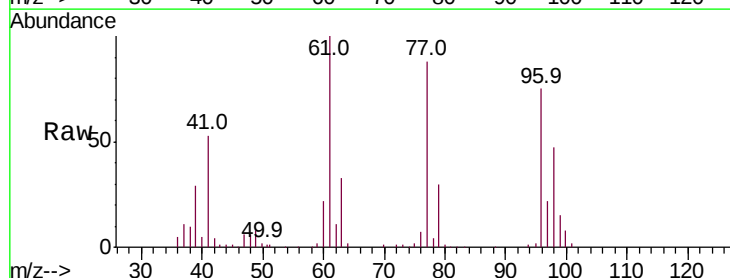
Acq: 19 Jul 2019 12:44

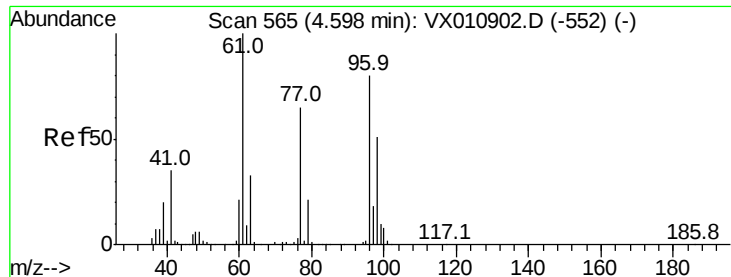
Tgt Ion: 77 Resp: 55947

Ion Ratio Lower Upper

77 100

97 25.0 12.6 37.6





#27

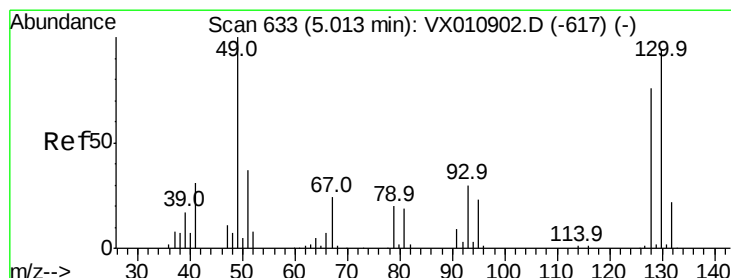
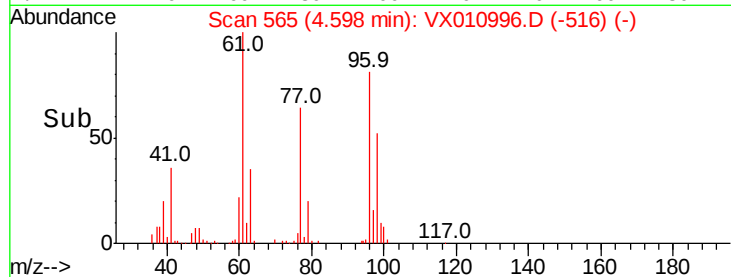
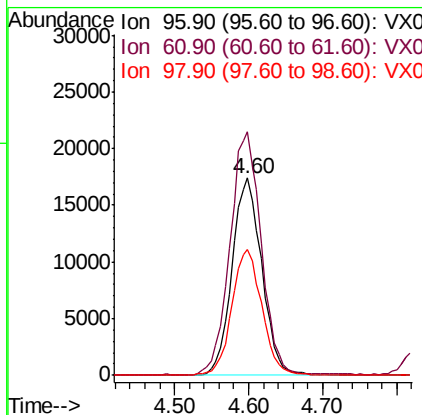
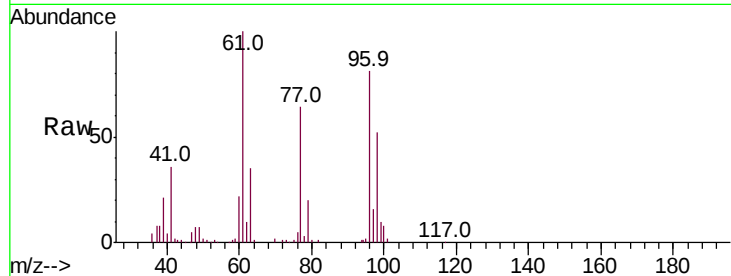
cis-1,2-Dichloroethene
Concen: 19.676 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	48802		
61	129.4	0.0	269.0	
98	64.5	0.0	131.4	

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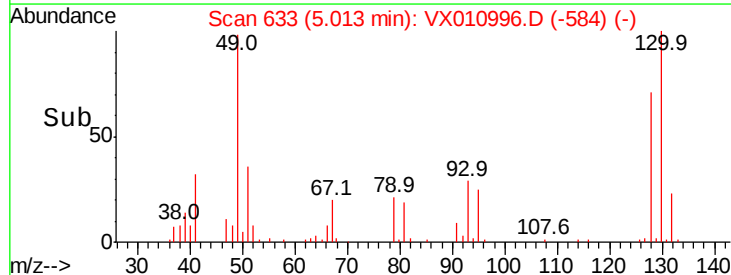
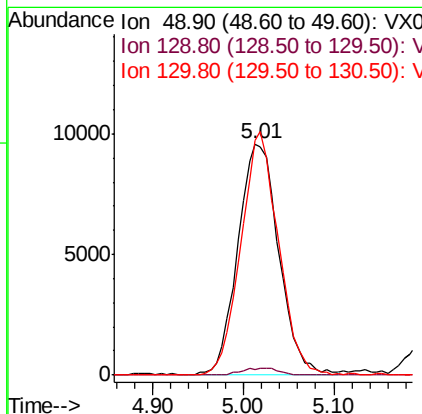
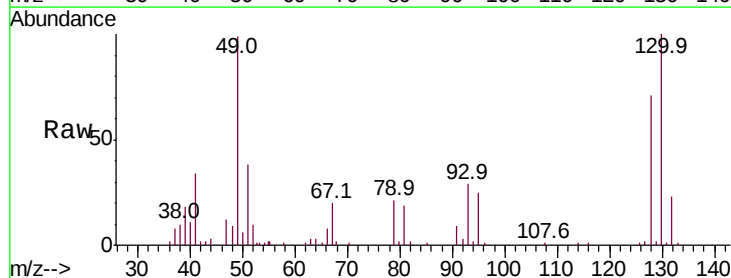
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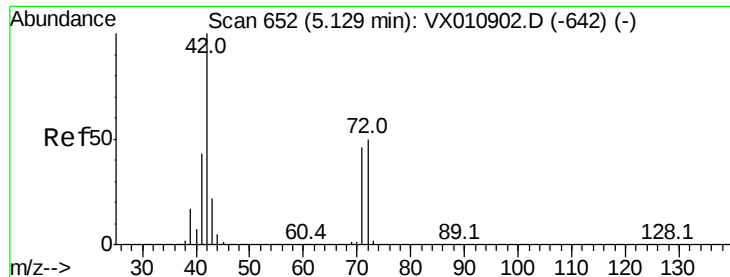


#28

Bromochloromethane
Concen: 17.737 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	30036		
129	2.6	0.0	5.2	
130	96.3	76.9	115.3	





#29

Tetrahydrofuran

Concen: 99.455 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

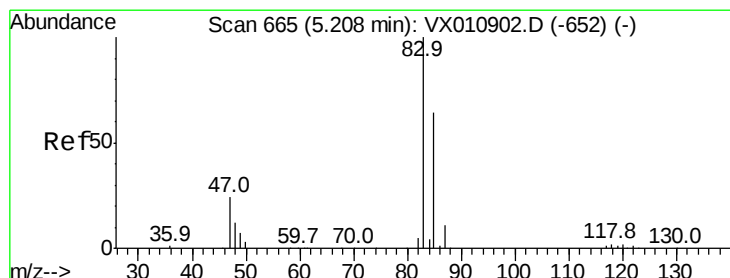
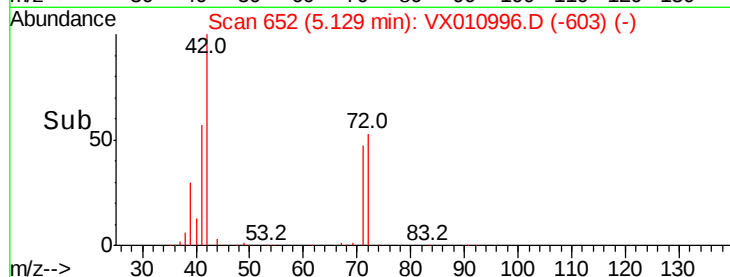
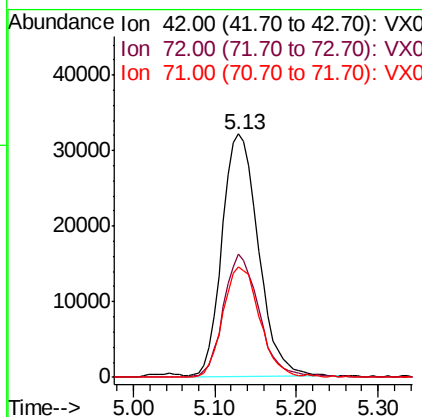
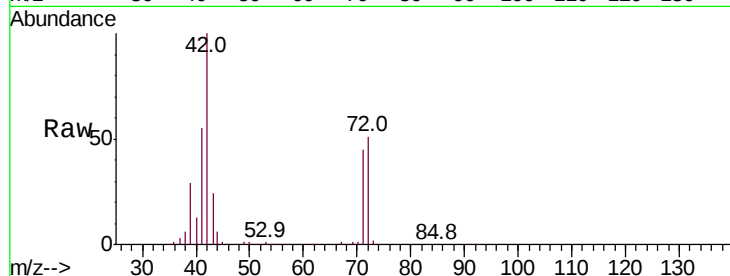
ClientSampleId :

VX0720WBSD01

Tot Ion:	42	Resp:	98533
Ion Ratio	Lower	Upper	
42	100		
72	50.4	39.8	59.8
71	46.0	37.0	55.4

Manual Integrations
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#30

Chloroform

Concen: 19.366 ug/l

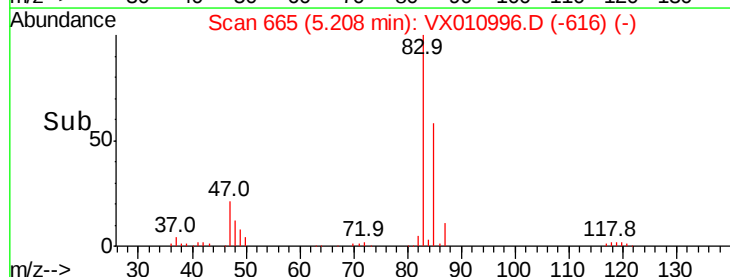
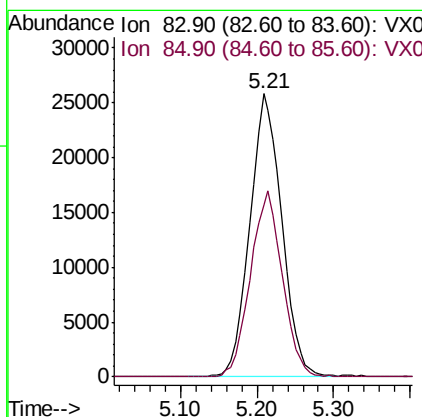
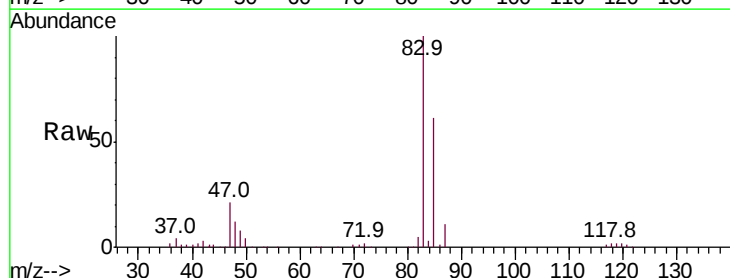
RT: 5.21 min Scan# 665

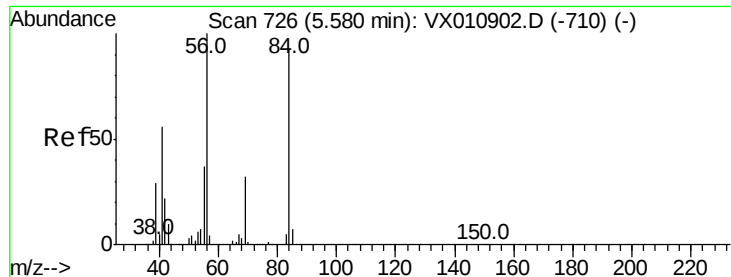
Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Tgt Ion:	83	Resp:	75222
Ion Ratio	Lower	Upper	
83	100		
85	60.9	51.4	77.0





#31

Cyclohexane

Concen: 19.419 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

Tot Ion: 56 Resp: 63607

Ion Ratio Lower Upper

56 100

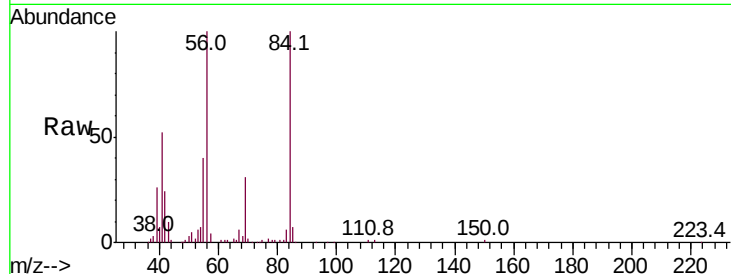
69 30.4 25.8 38.8

84 98.4 73.8 110.6

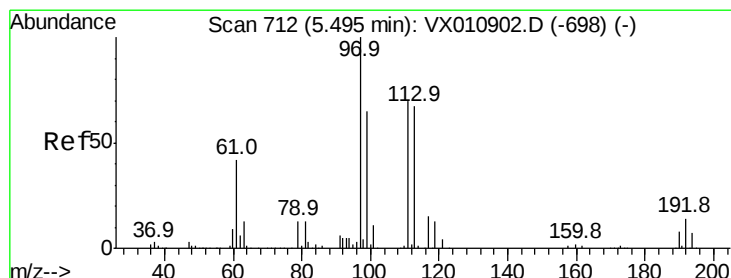
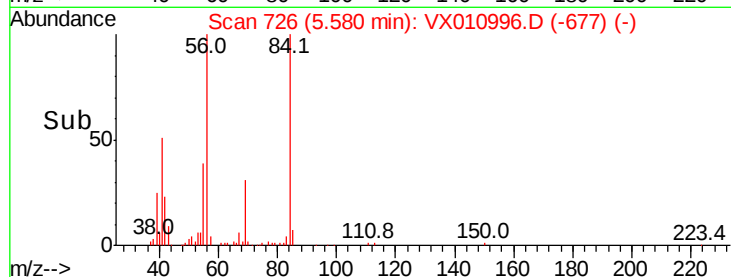
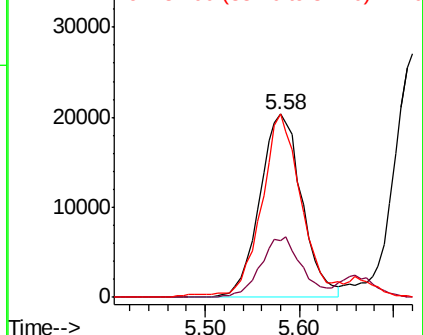
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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.525 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

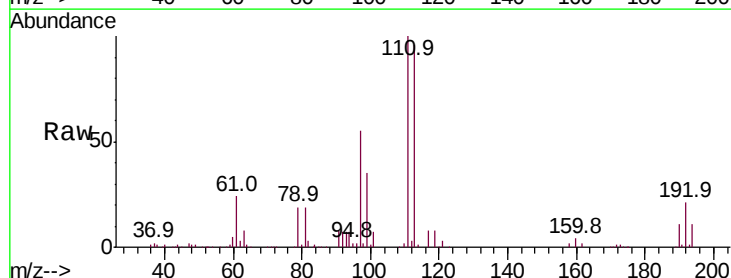
Tgt Ion: 97 Resp: 65614

Ion Ratio Lower Upper

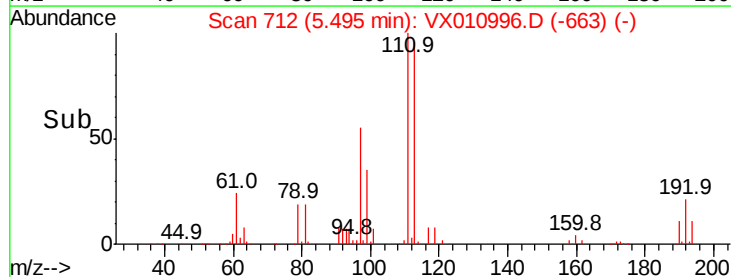
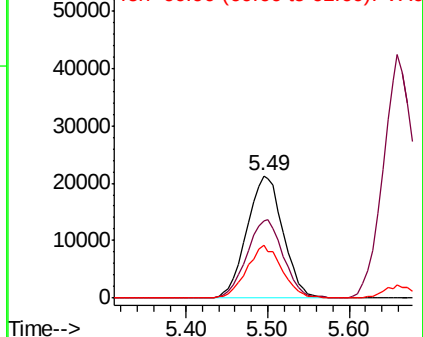
97 100

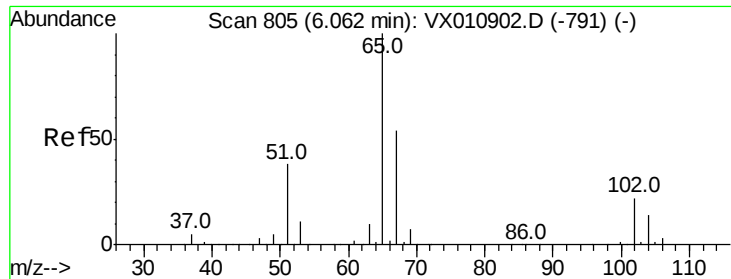
99 64.4 51.4 77.0

61 42.4 33.0 49.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





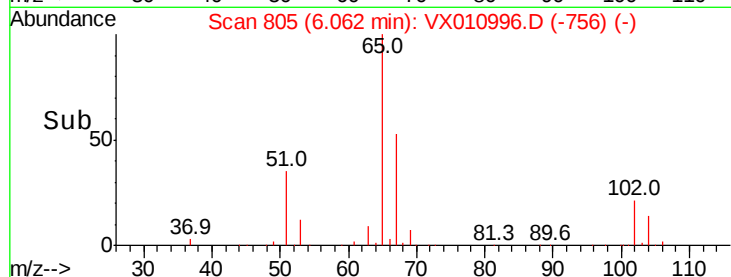
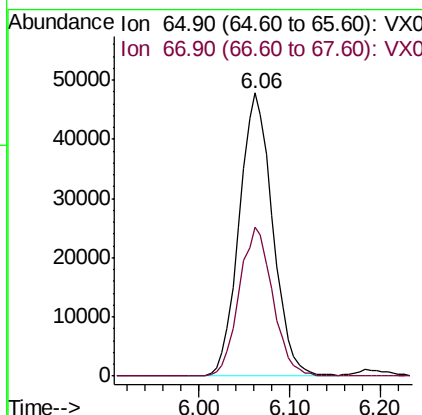
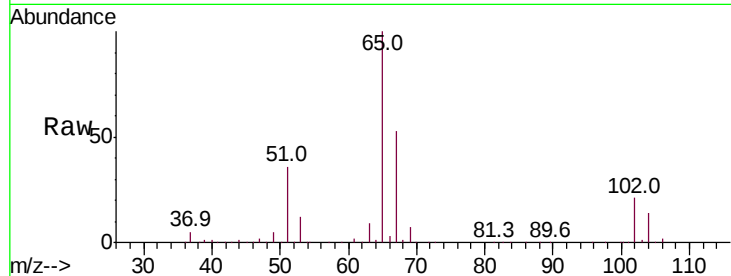
#33
 1,2-Dichloroethane-d4
 Concen: 50.707 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.8	0.0	107.8	

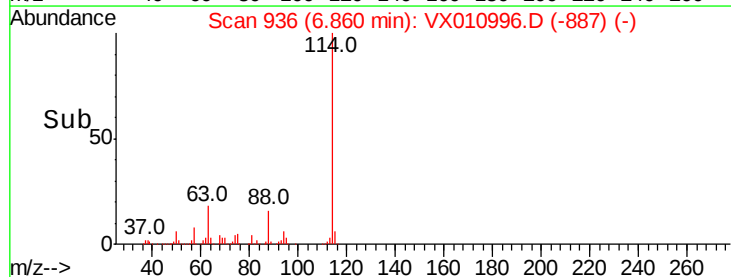
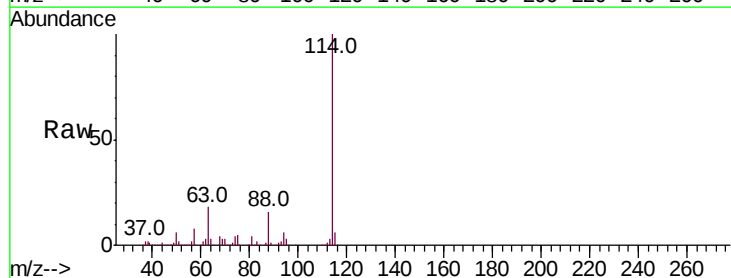
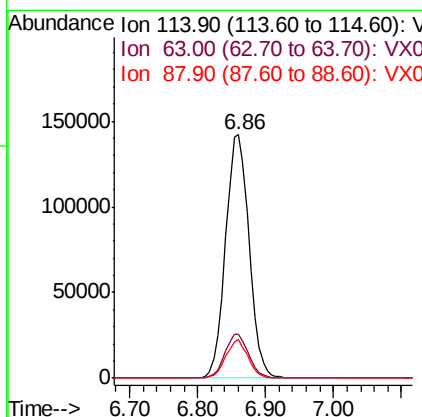
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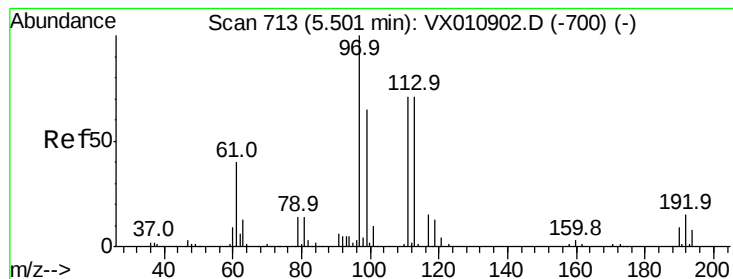
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.1	0.0	35.6	
88	16.1	0.0	29.8	





#35

Dibromofluoromethane

Concen: 50.011 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

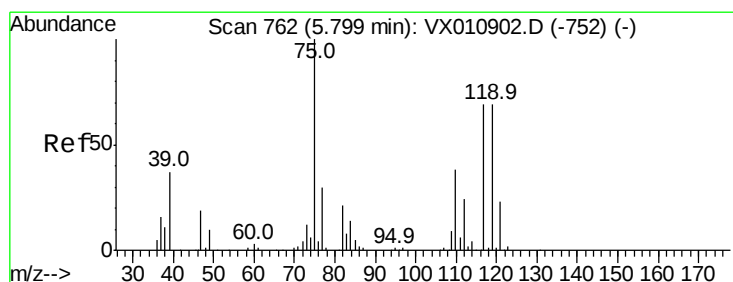
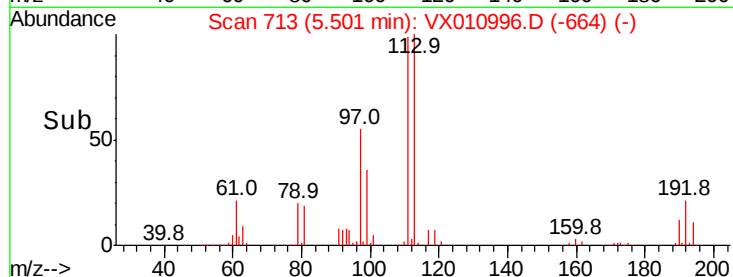
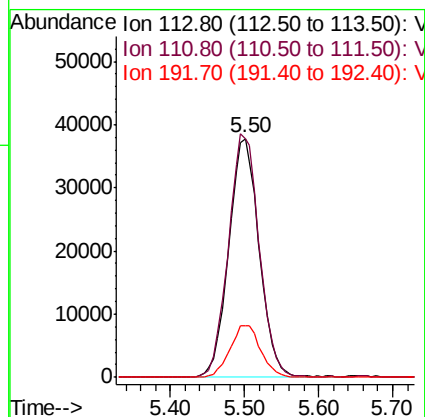
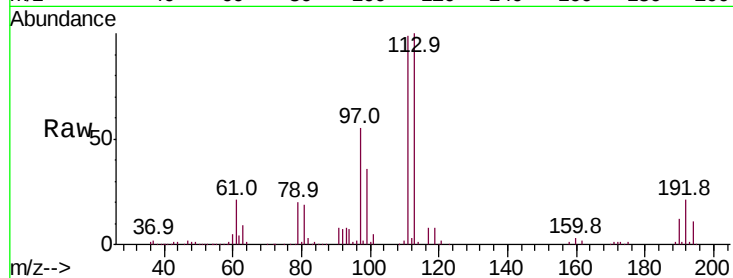
ClientSampleId :

VX0720WBSD01

Tot Ion:	113	Resp:	108134
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.3	123.5
192	22.0	17.4	26.2

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#36

1,1-Dichloropropene

Concen: 19.584 ug/l

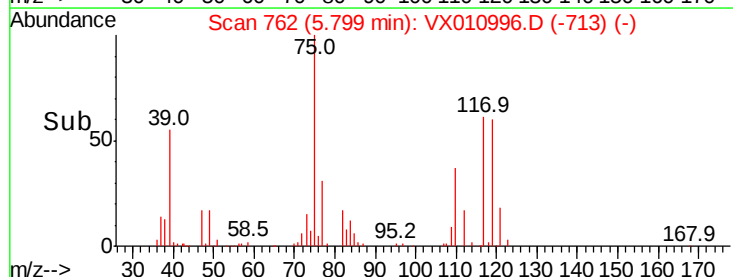
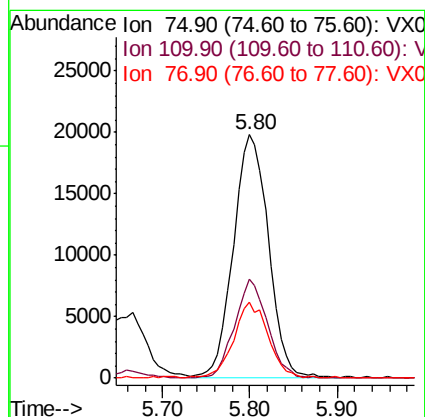
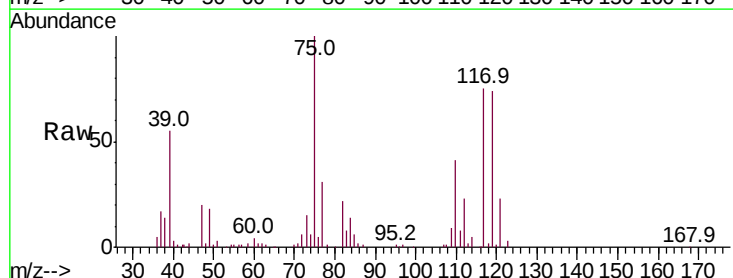
RT: 5.80 min Scan# 762

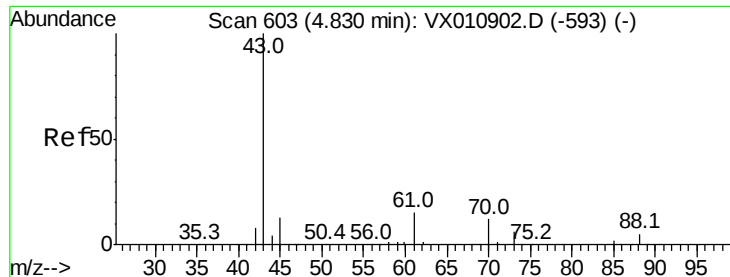
Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Tgt Ion:	75	Resp:	54800
Ion Ratio	Lower	Upper	
75	100		
110	38.5	19.9	59.7
77	31.2	25.0	37.4





#37

Ethyl Acetate

Concen: 19.986 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

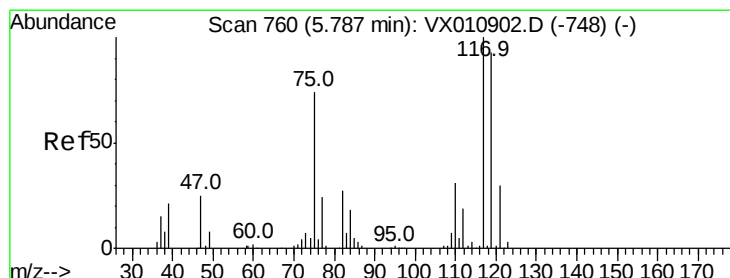
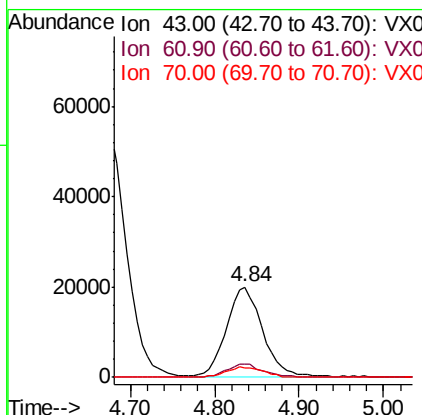
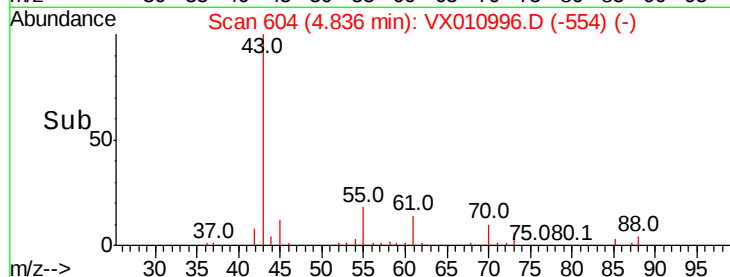
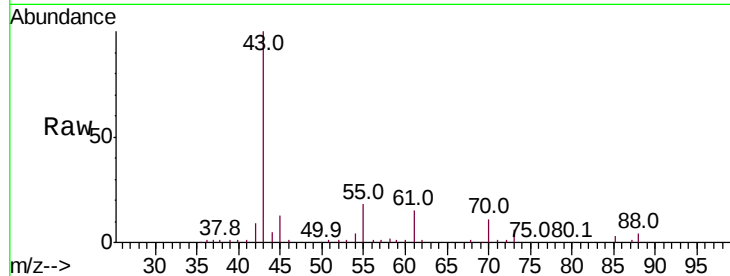
ClientSampleId :

VX0720WBSD01

Tot Ion:	43	Resp:	57265
Ion Ratio	Lower	Upper	
43	100		
61	15.6	11.6	17.4
70	12.3	9.1	13.7

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#38

Carbon Tetrachloride

Concen: 19.583 ug/l

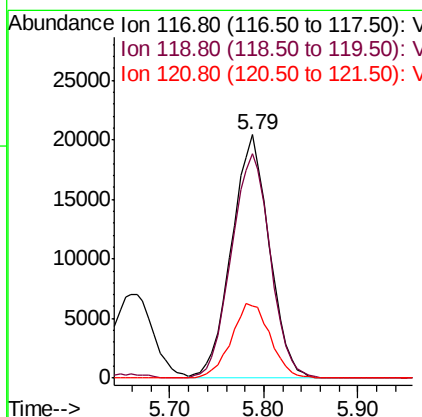
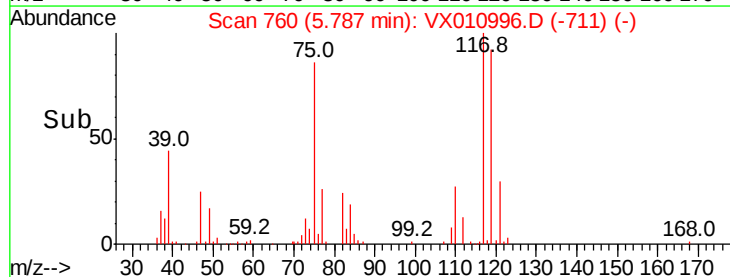
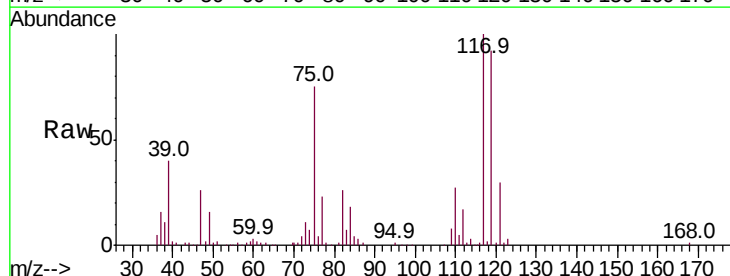
RT: 5.79 min Scan# 760

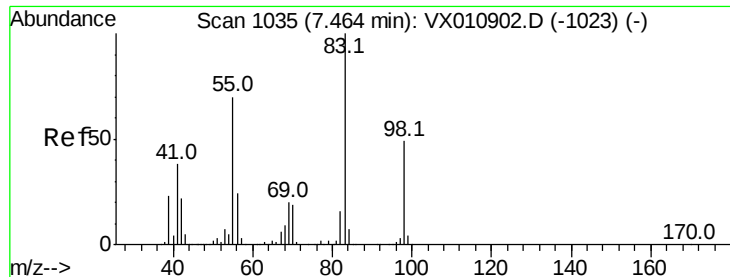
Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Tgt Ion:	117	Resp:	57100
Ion Ratio	Lower	Upper	
117	100		
119	92.1	74.2	111.2
121	29.8	24.2	36.2





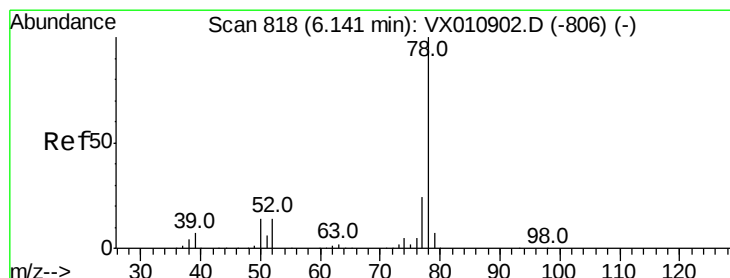
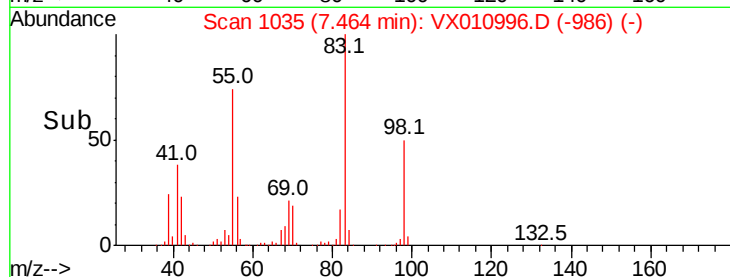
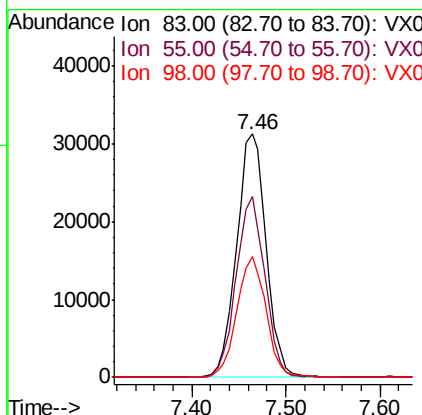
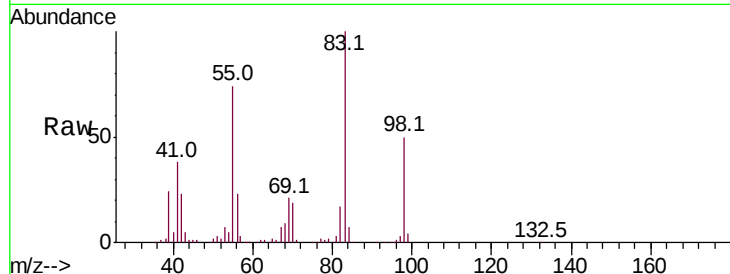
#39
Methvlcvclohexane
Concen: 18.817 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	56.2	84.4
98	49.7	39.0	58.4

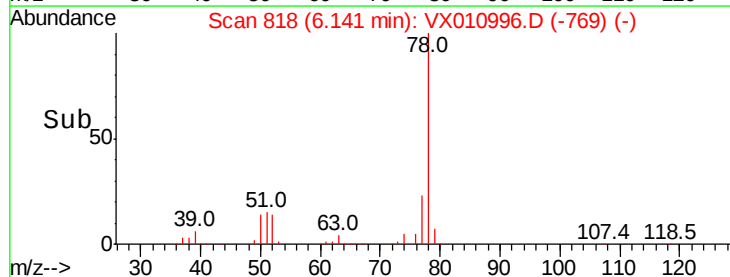
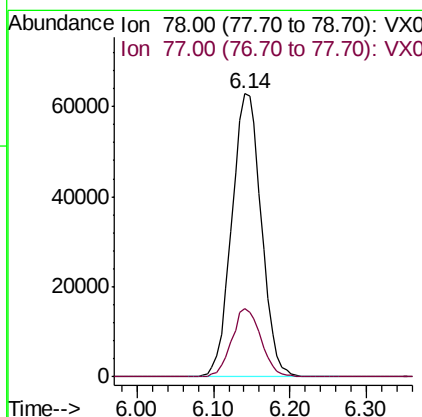
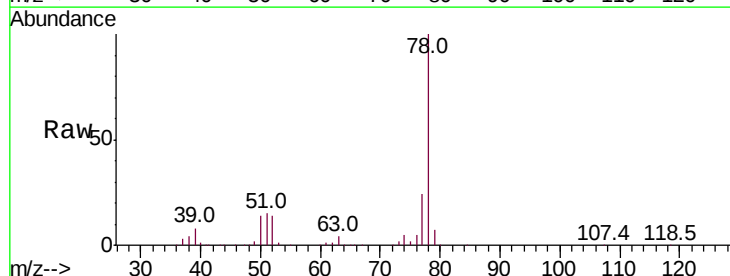
Manual Integrations
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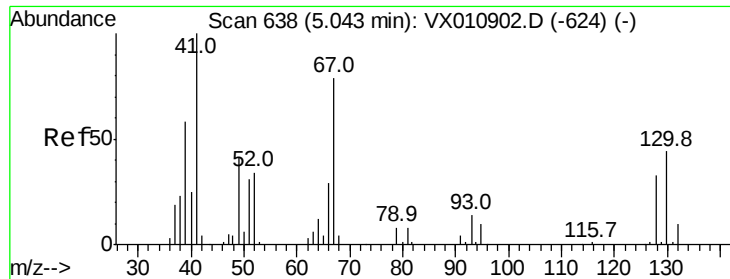
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#40
Benzene
Concen: 19.625 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.6





#41

Methacrylonitrile

Concen: 19.224 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

Tot Ion: 41 Resp: 31268

Ion Ratio Lower Upper

41 100

39 57.1 45.4 68.2

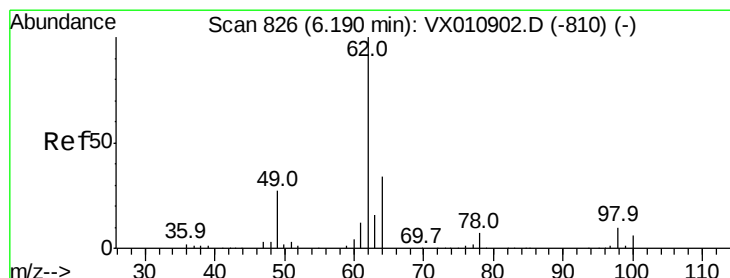
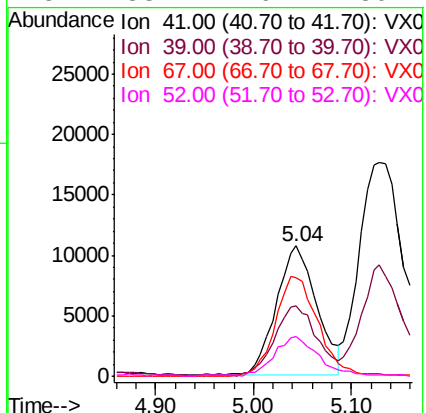
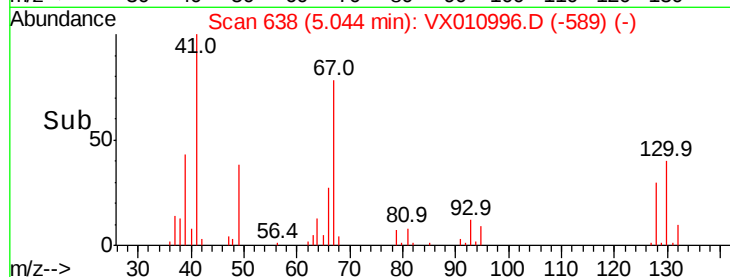
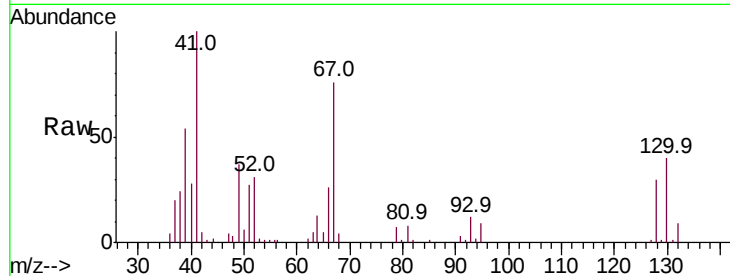
67 80.9 65.9 98.9

52 33.2 26.2 39.2

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.492 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX010996.D

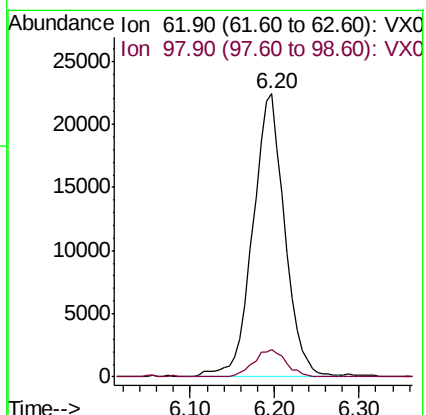
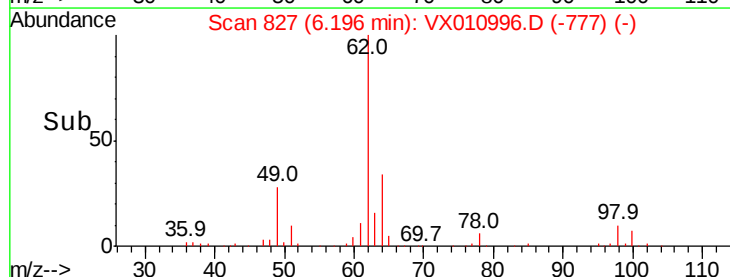
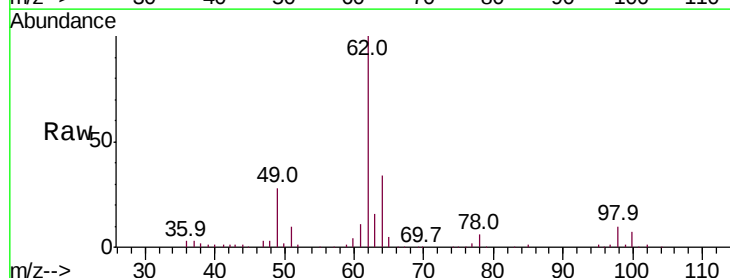
Acq: 19 Jul 2019 12:44

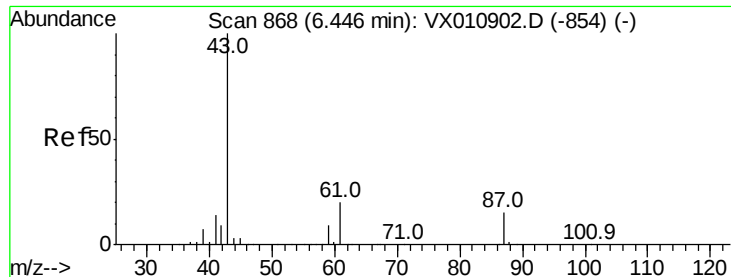
Tgt Ion: 62 Resp: 58091

Ion Ratio Lower Upper

62 100

98 9.9 0.0 20.0





#43

Isopropyl Acetate

Concen: 19.316 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

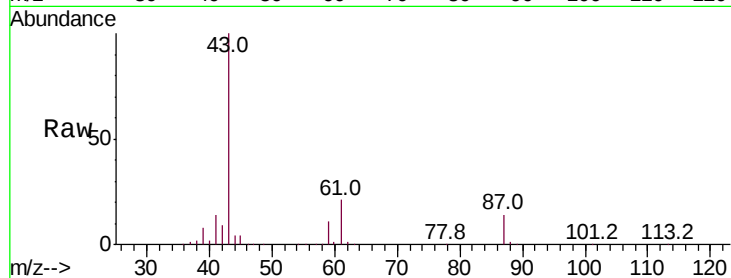
ClientSampleId :

VX0720WBSD01

Tot Ion:	43	Resp:	91006
Ion	Ratio	Lower	Upper
43	100		
61	21.0	17.1	25.7
87	15.4	12.0	18.0

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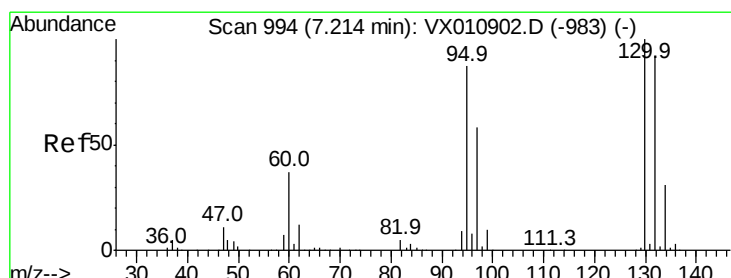
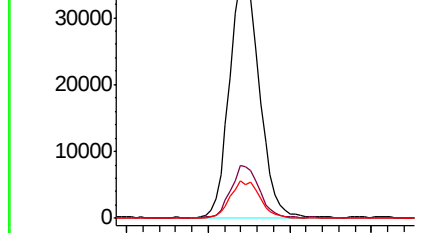
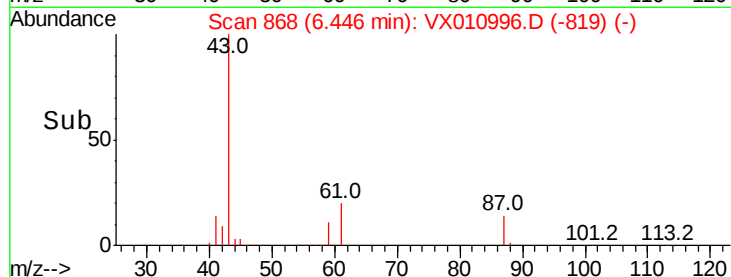


Abundance Ion 43.00 (42.70 to 43.70): VX010902.D (-854) (-)

Ion 61.00 (60.70 to 61.70): VX010902.D (-854) (-)

Ion 87.00 (86.70 to 87.70): VX010902.D (-854) (-)

Time-->



#44

Trichloroethene

Concen: 19.378 ug/l

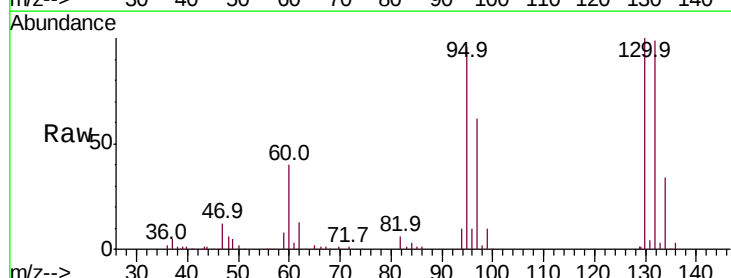
RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

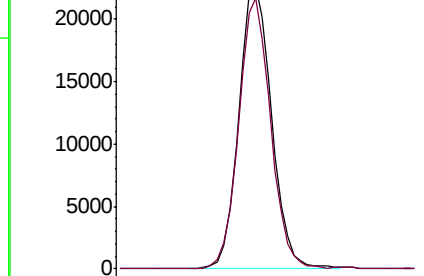
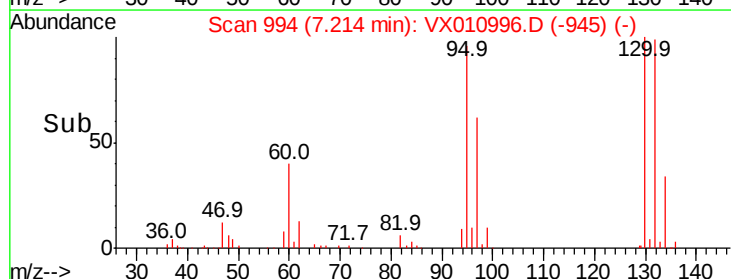
Tgt Ion:	130	Resp:	49166
Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	174.8

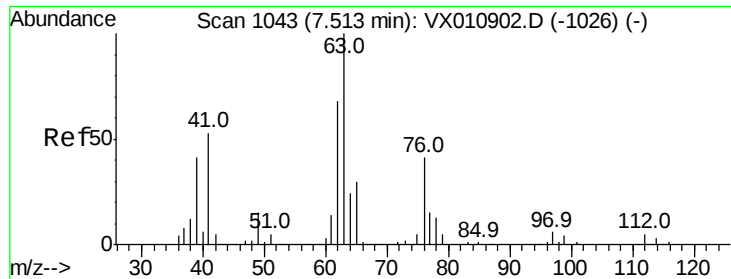


Abundance Ion 129.80 (129.50 to 130.50): VX010902.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX010902.D (-983) (-)

Time-->





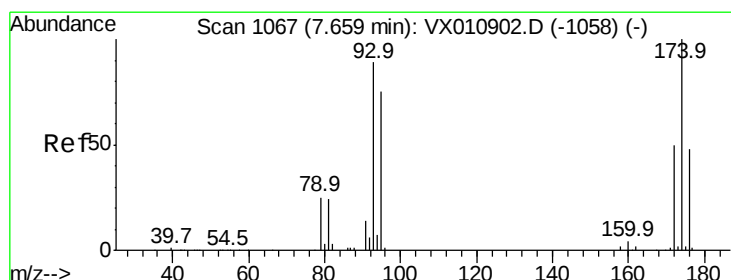
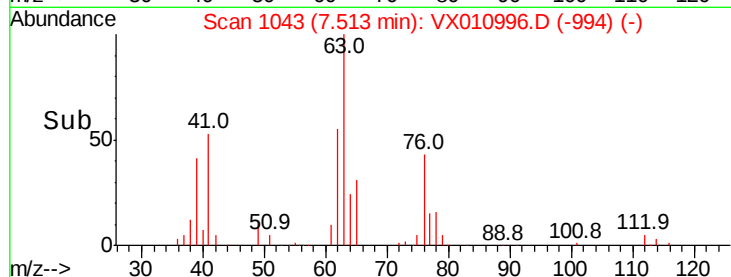
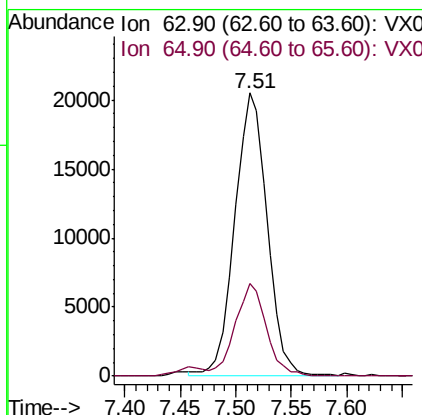
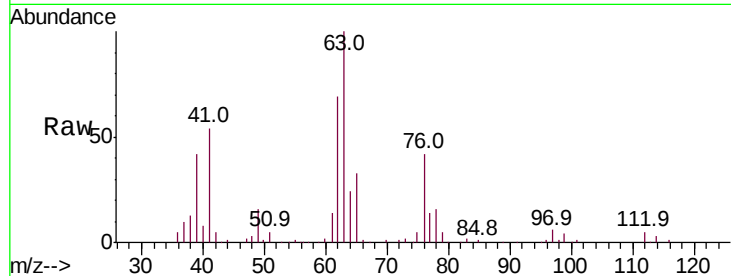
#45
1,2-Dichloropropane
Concen: 18.755 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

Tot Ion: 63 Resp: 40915
Ion Ratio Lower Upper
63 100
65 32.7 24.4 36.6

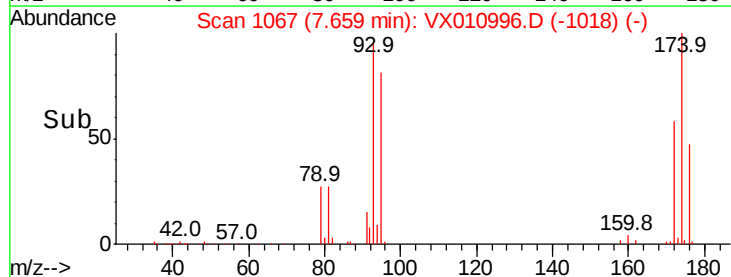
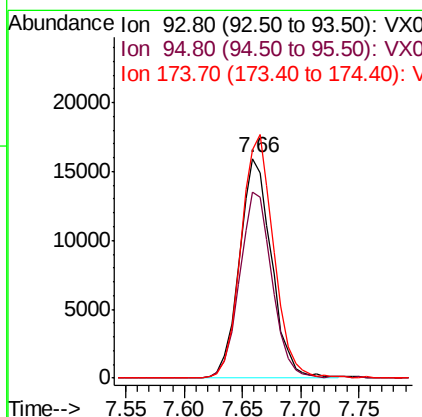
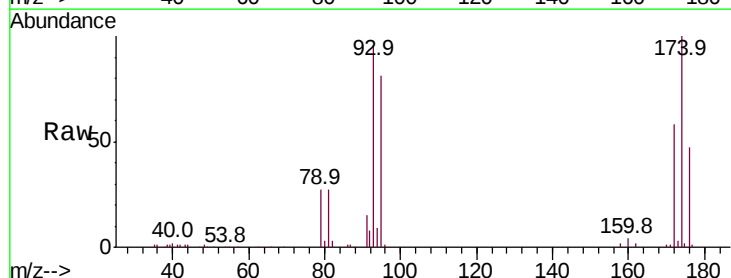
Manual Integrations
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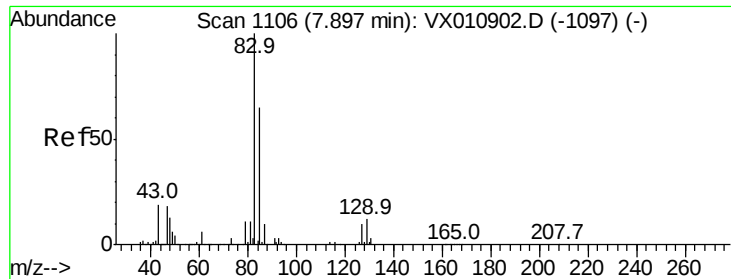
MMDadoda
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#46
Dibromomethane
Concen: 19.670 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion: 93 Resp: 30664
Ion Ratio Lower Upper
93 100
95 85.1 67.2 100.8
174 112.5 90.6 135.8





#47

Bromodichloromethane

Concen: 19.543 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

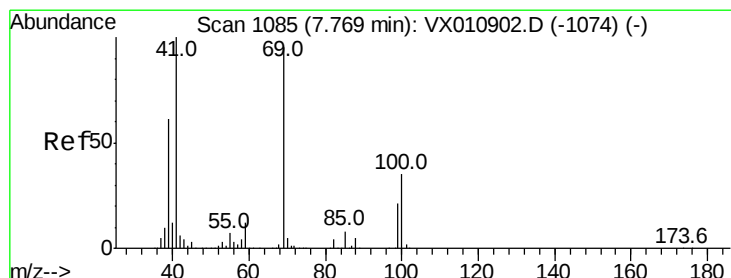
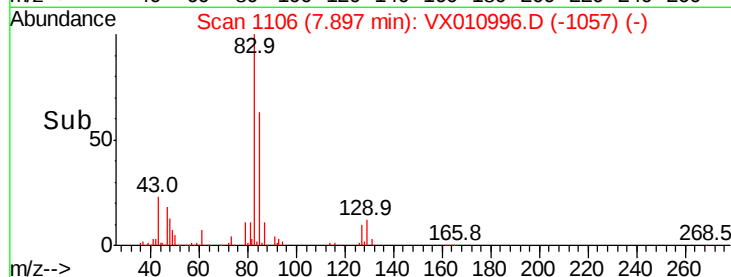
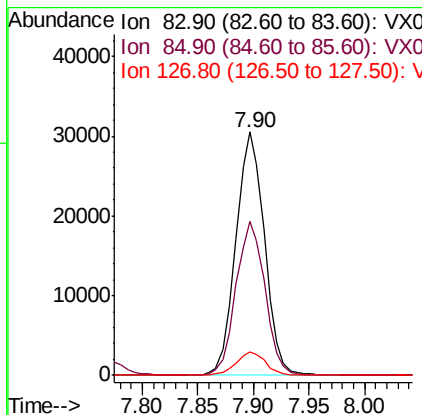
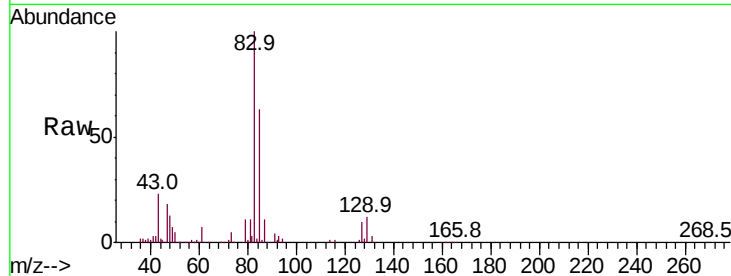
ClientSampleId :

VX0720WBSD01

Tot Ion:	83	Resp:	54231
Ion Ratio	Lower	Upper	
83	100		
85	63.1	52.5	78.7
127	9.7	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.337 ug/l

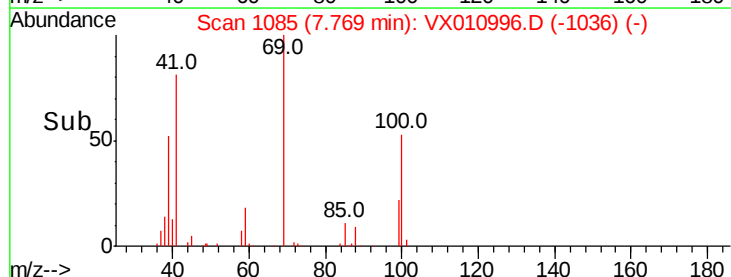
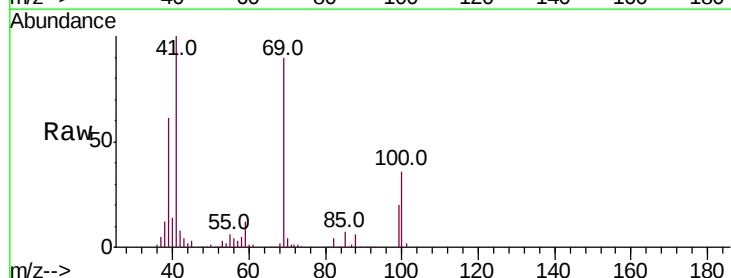
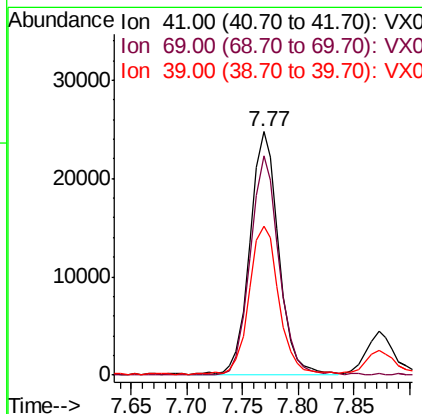
RT: 7.77 min Scan# 1085

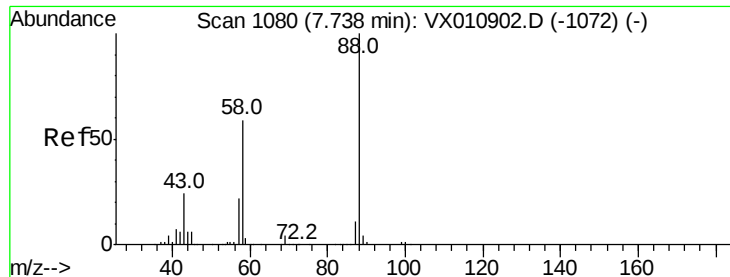
Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Tgt Ion:	41	Resp:	44380
Ion Ratio	Lower	Upper	
41	100		
69	91.0	74.4	111.6
39	62.1	48.9	73.3





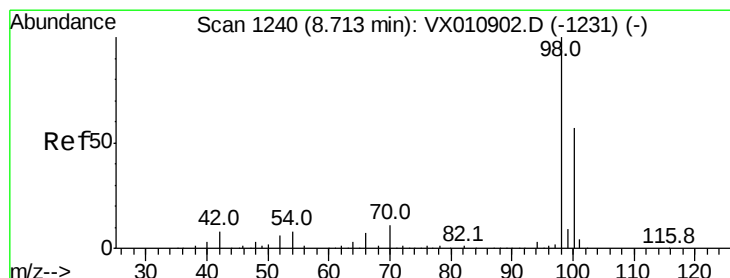
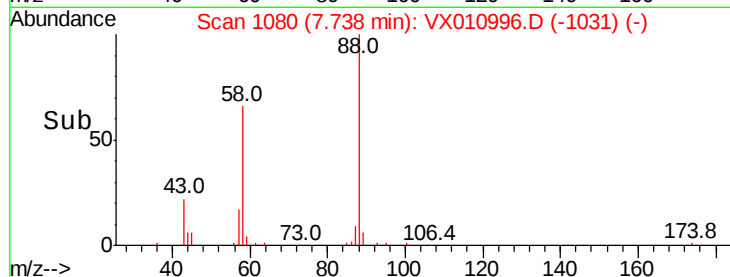
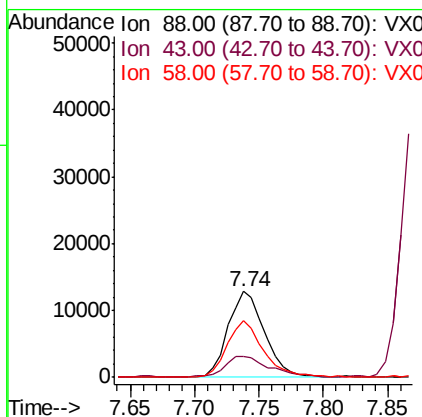
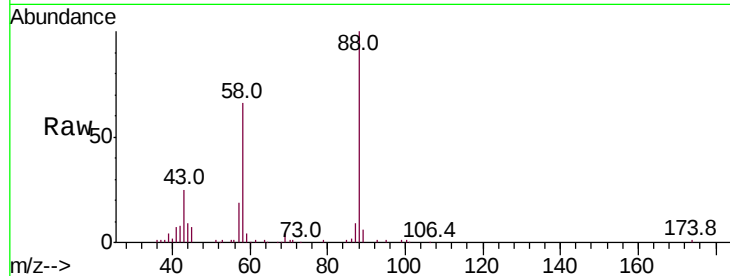
#49
1,4-Dioxane
Concen: 394.905 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.5	22.9	34.3
58	66.6	49.8	74.8

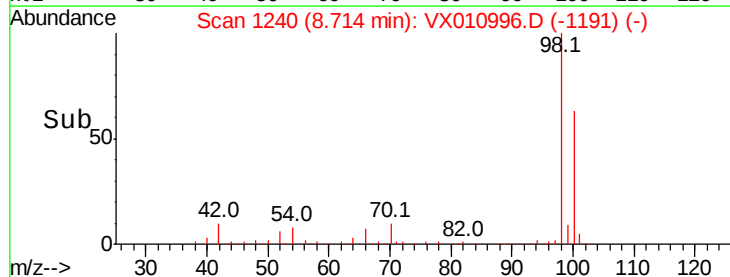
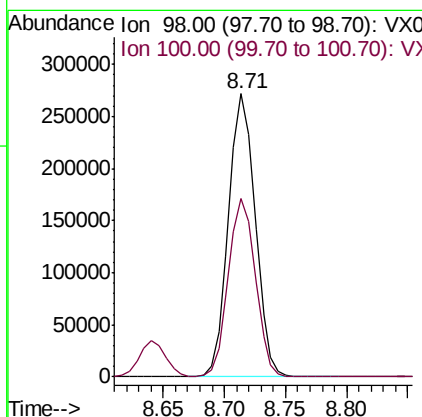
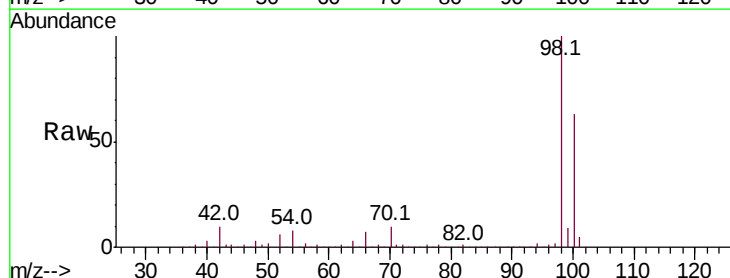
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#50
Toluene-d8
Concen: 50.810 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.6	75.8





#51

4-Methyl-2-Pentanone

Concen: 99.849 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

Tot Ion: 43 Resp: 304946

Ion Ratio Lower Upper

43 100

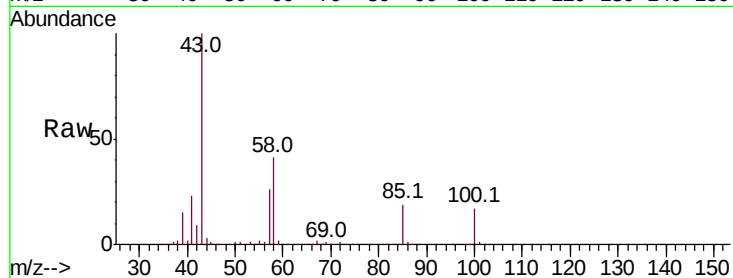
58 40.6 32.2 48.4

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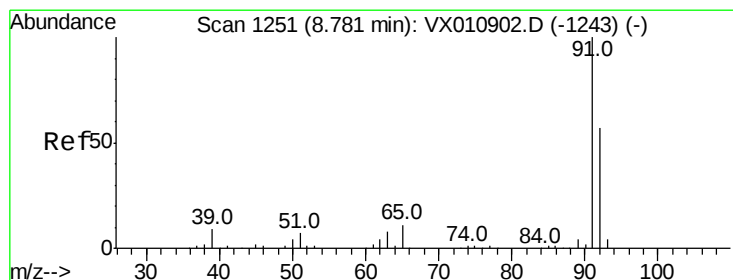
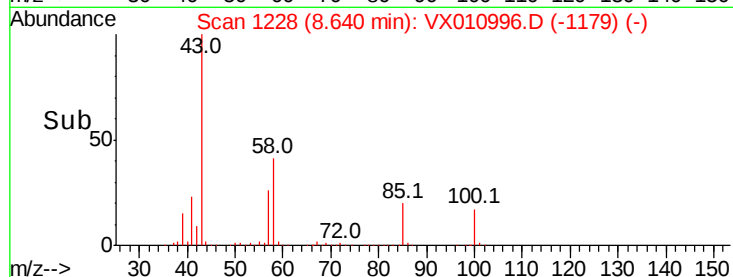
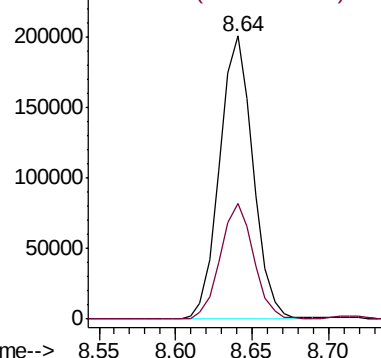
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.360 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX010996.D

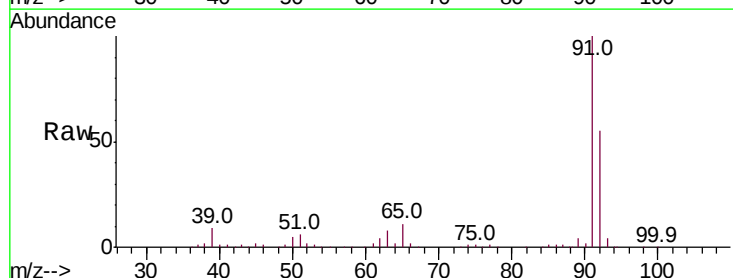
Acq: 19 Jul 2019 12:44

Tgt Ion: 92 Resp: 109015

Ion Ratio Lower Upper

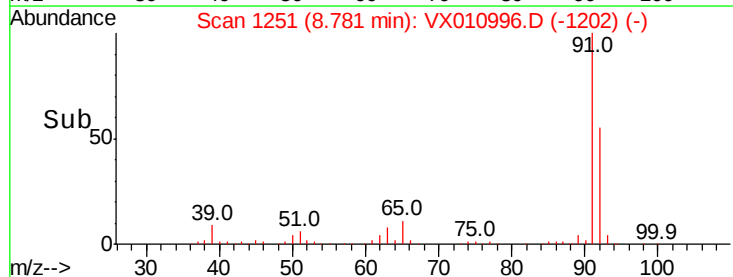
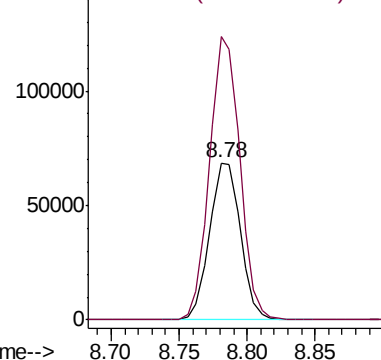
92 100

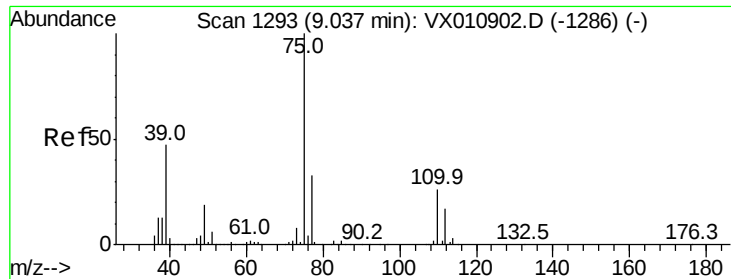
91 177.2 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





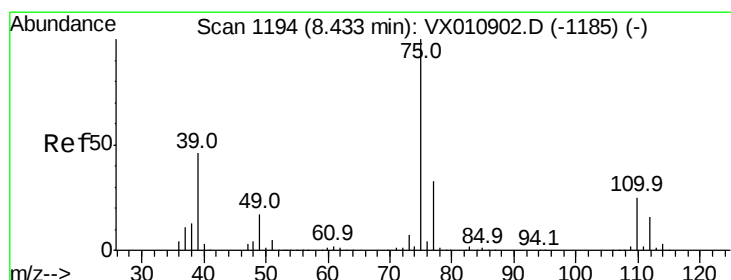
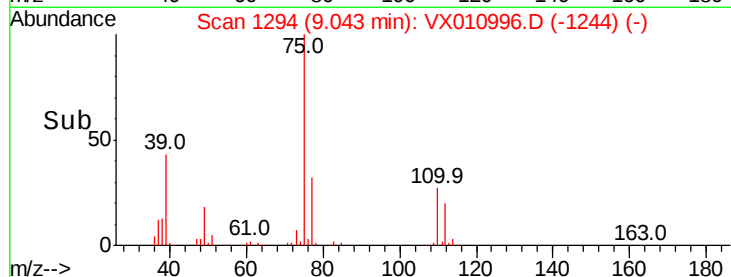
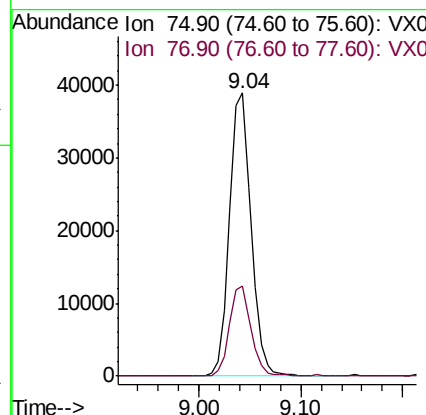
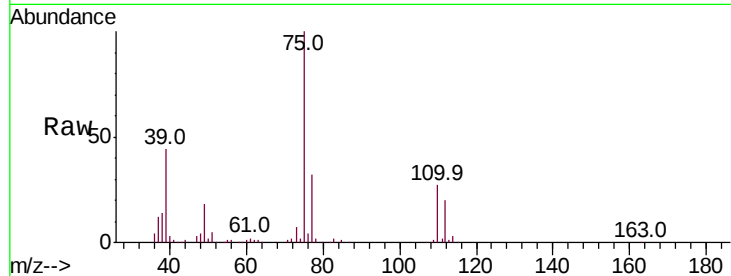
#53
 t-1,3-Dichloropropene
 Concen: 19.189 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

Tot Ion: 75 Resp: 57256
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.2 39.2

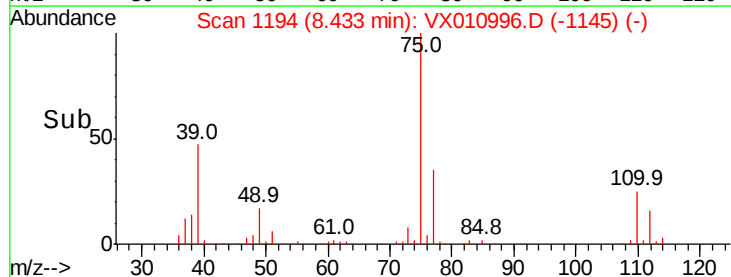
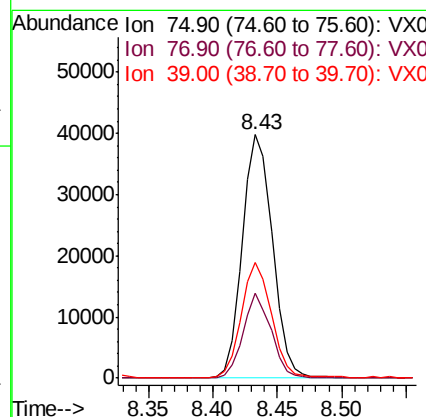
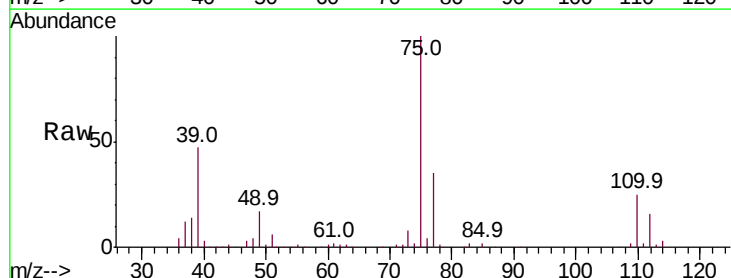
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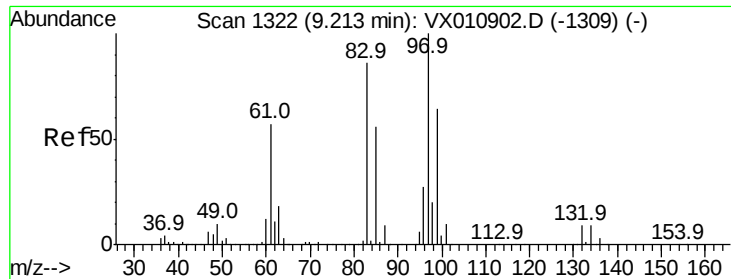
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#54
 cis-1,3-Dichloropropene
 Concen: 19.437 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Tgt Ion: 75 Resp: 64534
 Ion Ratio Lower Upper
 75 100
 77 34.7 26.1 39.1
 39 47.1 36.6 54.8





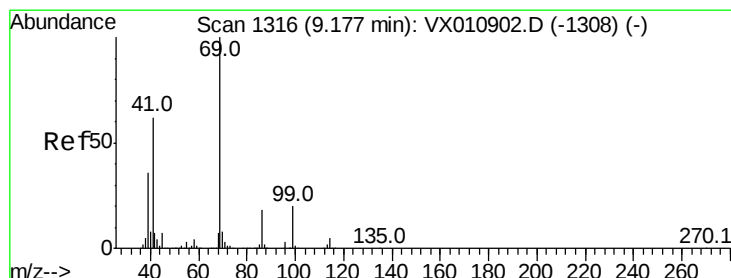
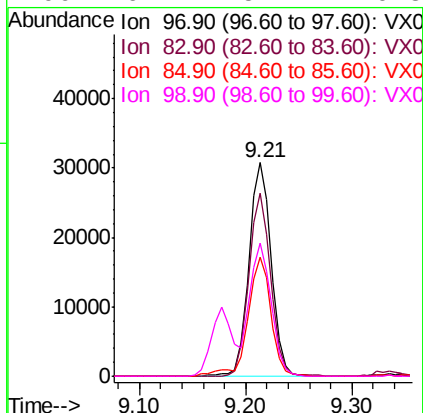
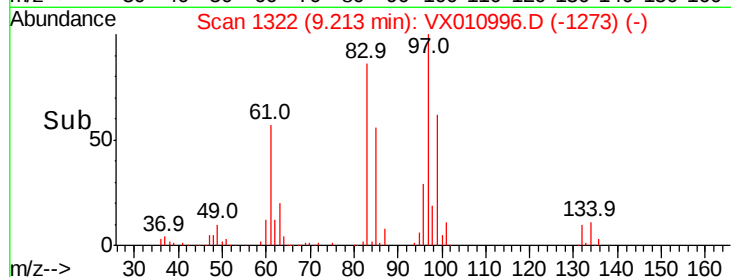
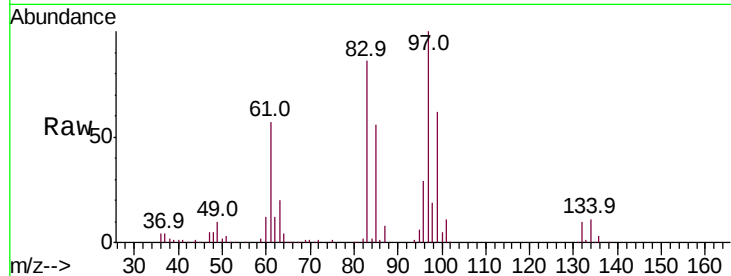
#55
 1,1,2-Trichloroethane
 Concen: 19.425 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

Tot Ion:	97	Resp:	45036
Ion	Ratio	Lower	Upper
97	100		
83	86.0	69.2	103.8
85	55.4	44.6	66.8
99	62.1	51.2	76.8

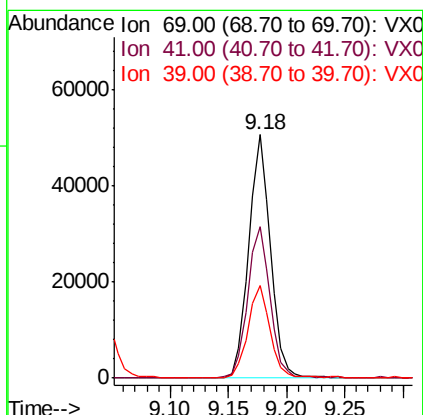
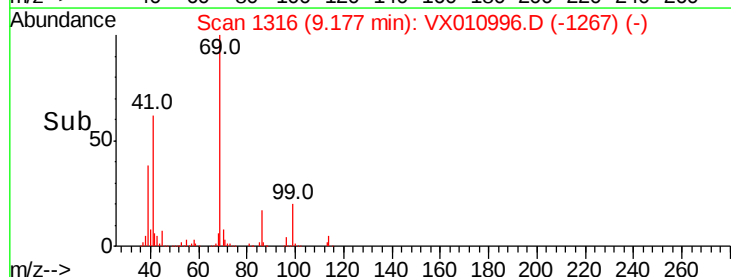
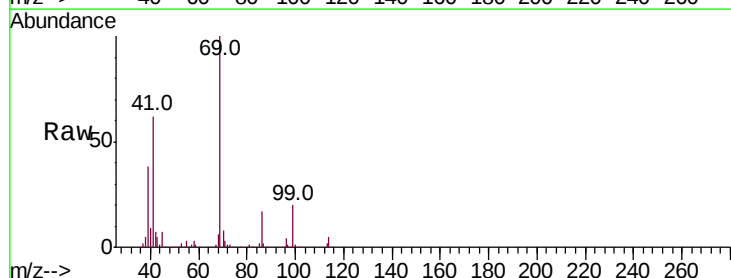
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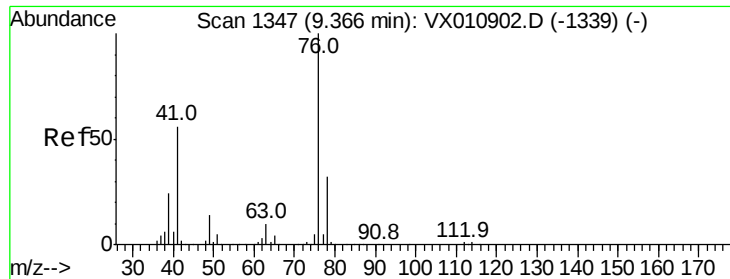
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#56
 Ethyl methacrylate
 Concen: 19.522 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Tgt Ion:	69	Resp:	66207
Ion	Ratio	Lower	Upper
69	100		
41	63.6	49.7	74.5
39	37.8	29.6	44.4





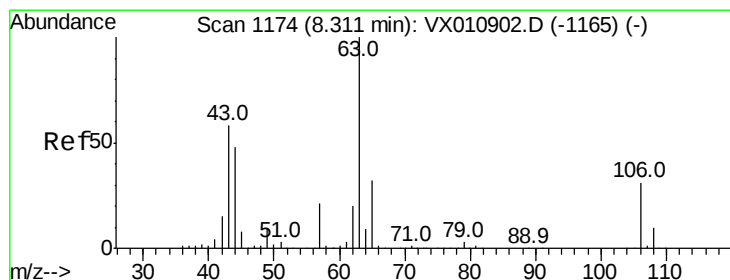
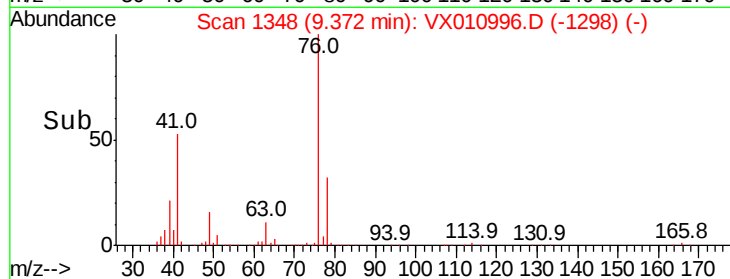
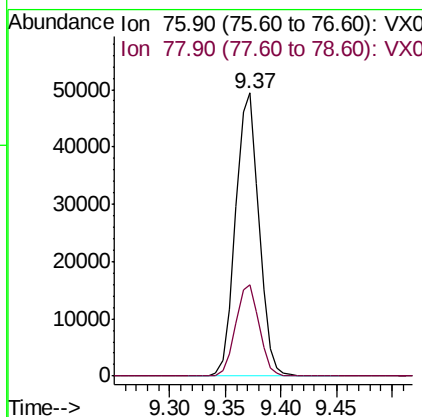
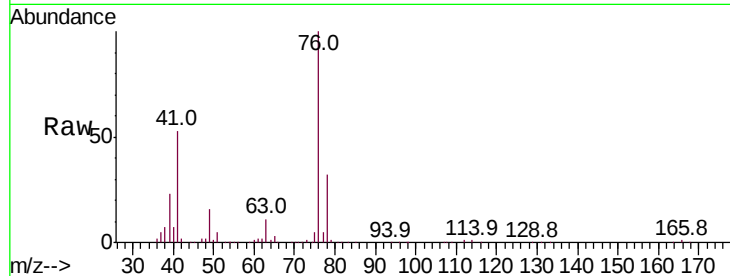
#57
 1,3-Dichloropropane
 Concen: 19.542 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

Tot Ion: 76 Resp: 71876
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4

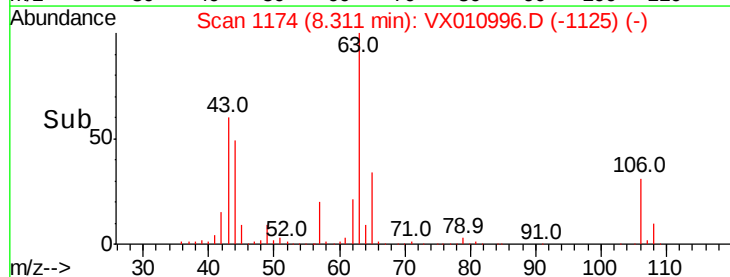
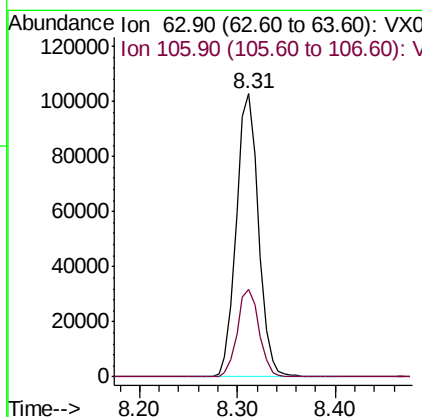
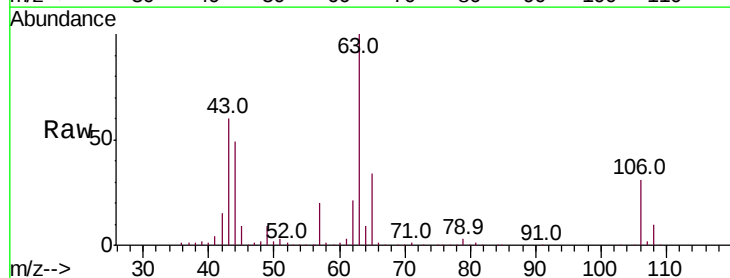
Manual Integrations
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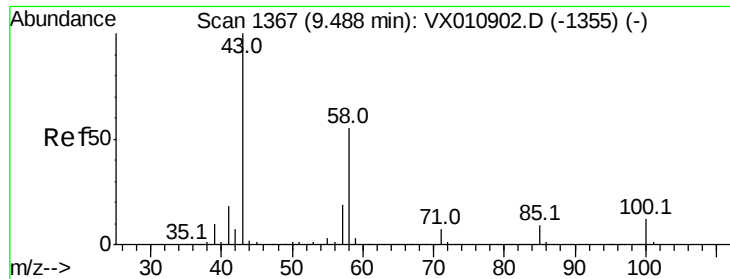
MMDadoda
 7/22/2019 5:22:54 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.186 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Tgt Ion: 63 Resp: 162191
 Ion Ratio Lower Upper
 63 100
 106 30.4 24.0 36.0





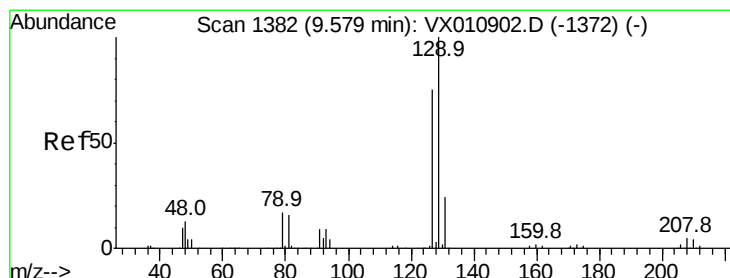
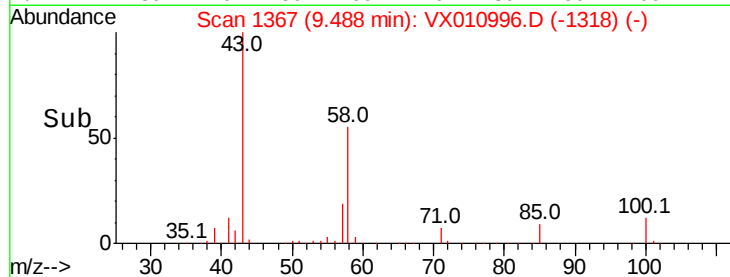
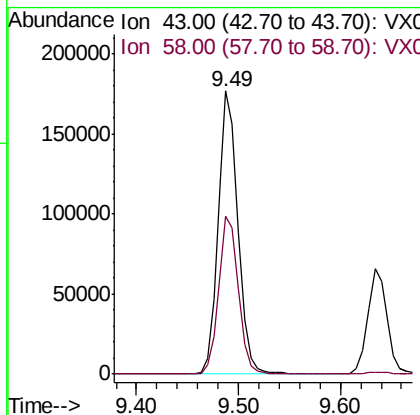
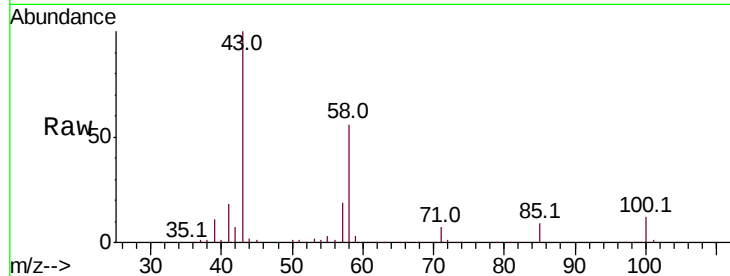
#59
2-Hexanone
Concen: 101.195 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

Tot Ion: 43 Resp: 239710
Ion Ratio Lower Upper
43 100
58 56.1 28.0 83.9

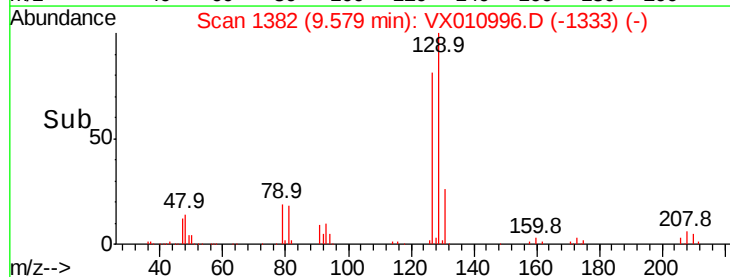
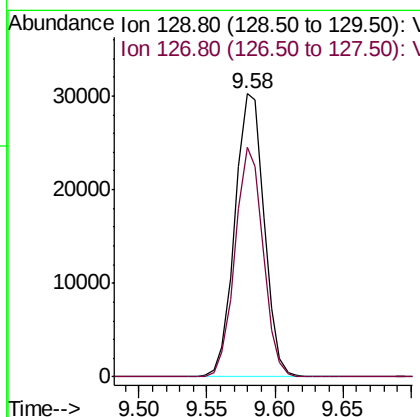
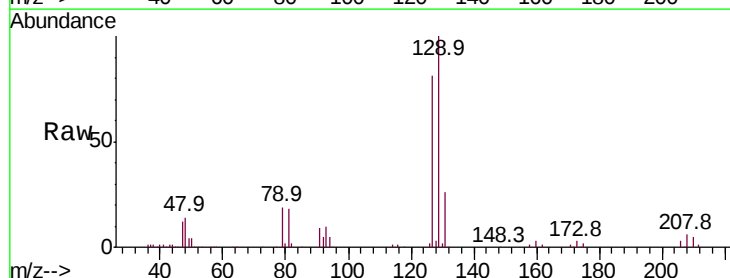
Manual Integrations
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#60
Dibromochloromethane
Concen: 18.703 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion: 129 Resp: 45458
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.922 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

Tot Ion:107 Resp: 49017

Ion Ratio Lower Upper

107 100

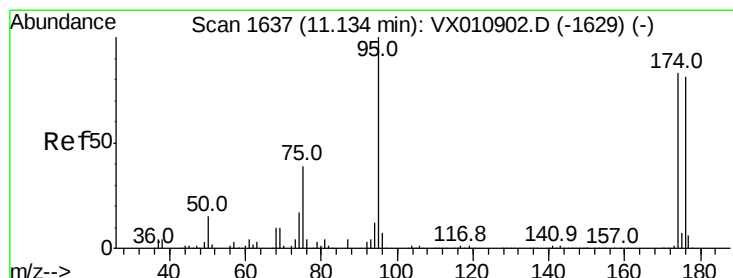
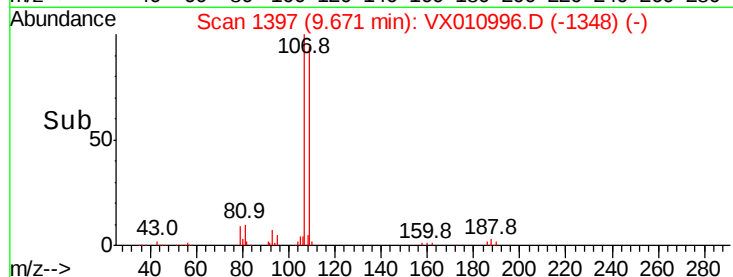
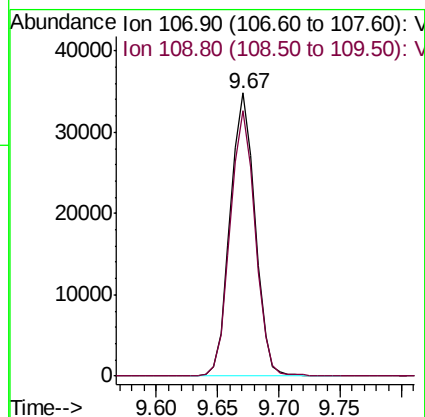
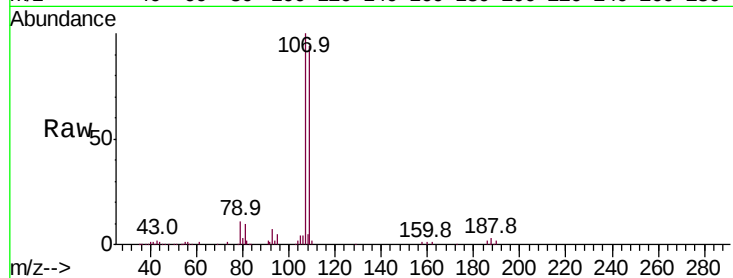
109 94.2 75.4 113.0

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#62

4-Bromofluorobenzene

Concen: 49.954 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

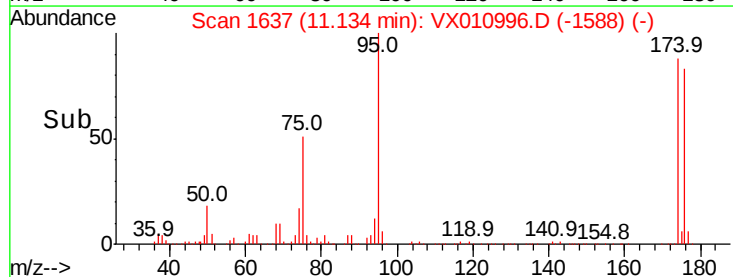
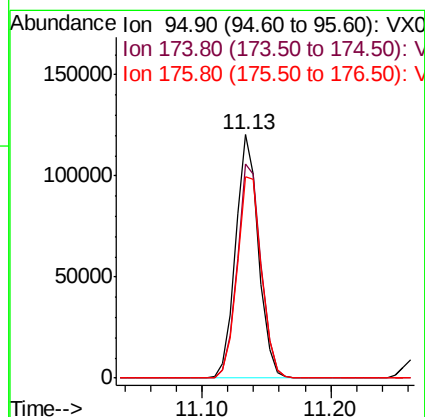
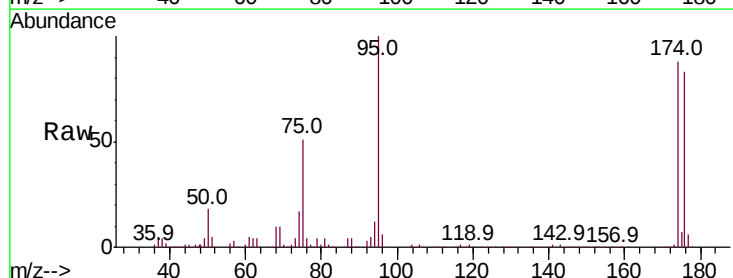
Tgt Ion: 95 Resp: 148906

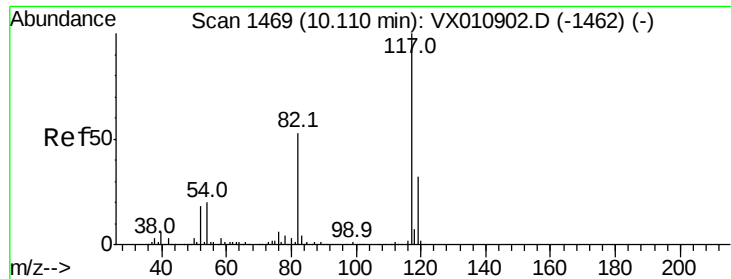
Ion Ratio Lower Upper

95 100

174 91.3 0.0 180.6

176 88.3 0.0 173.8





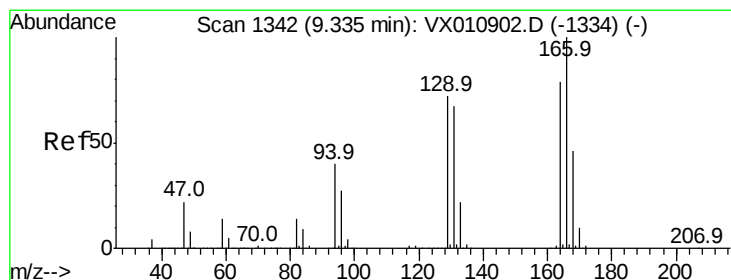
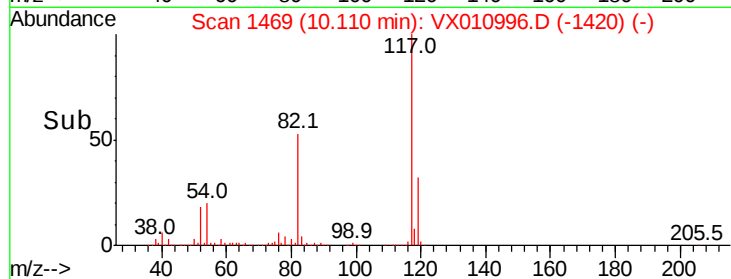
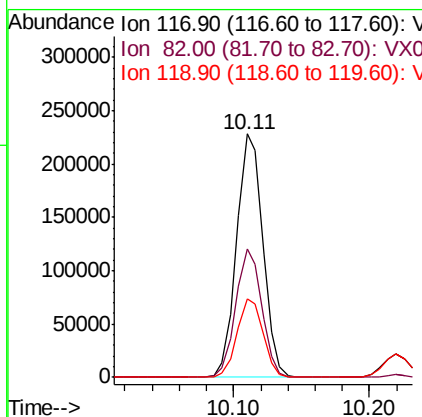
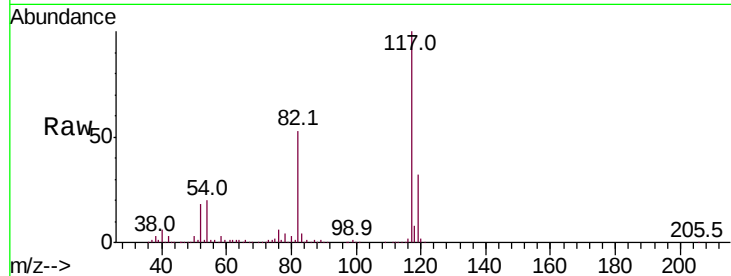
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.6	63.8
119	32.1	25.9	38.9

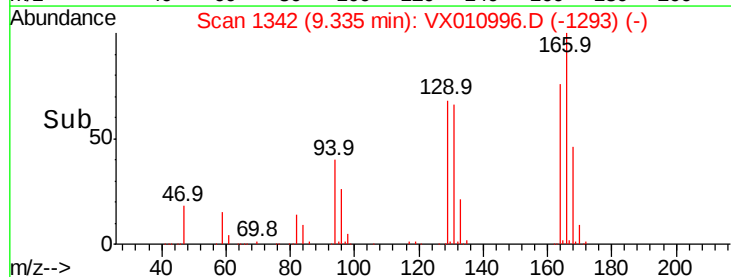
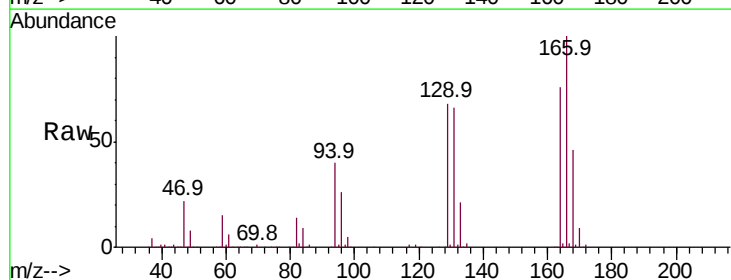
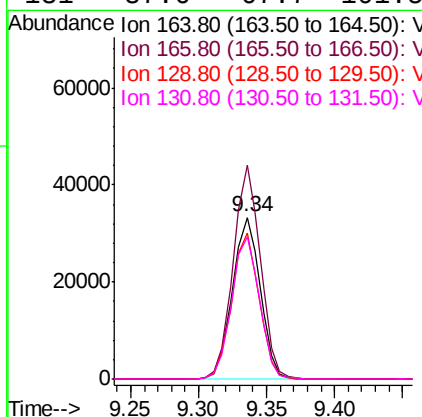
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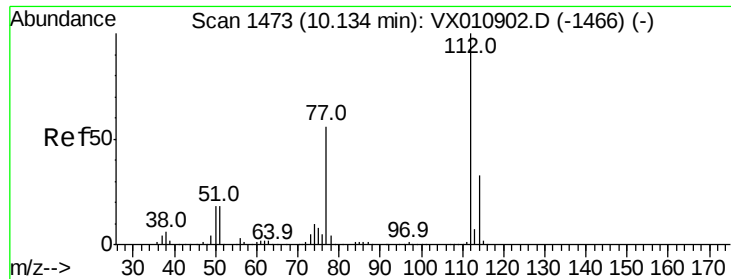
MMDadoda
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#64
Tetrachloroethene
Concen: 19.624 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.0	100.8	151.2
129	90.4	72.6	109.0
131	87.6	67.7	101.5





#65

Chlorobenzene

Concen: 19.512 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

Tot Ion:112 Resp: 123220

Ion Ratio Lower Upper

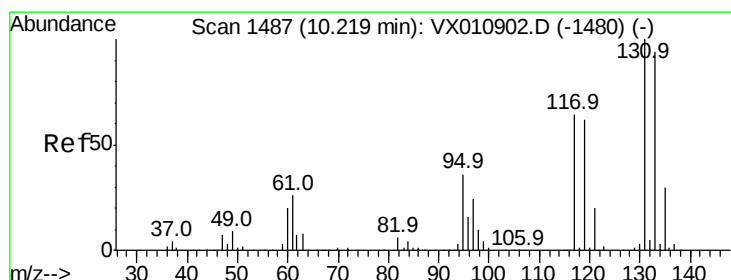
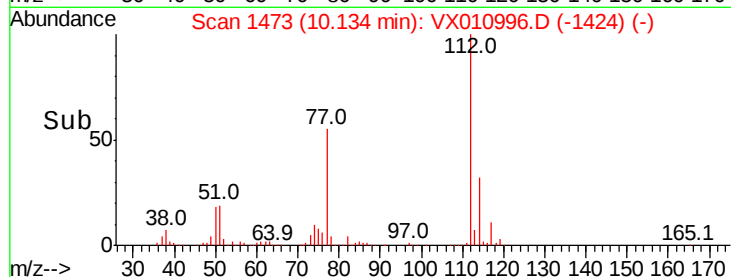
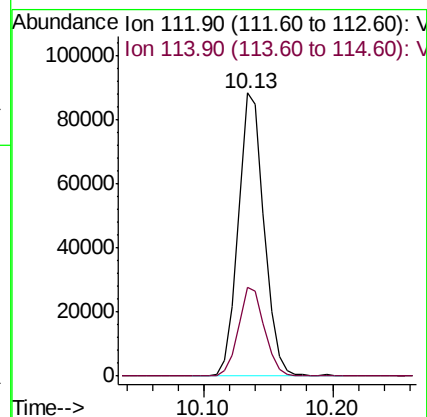
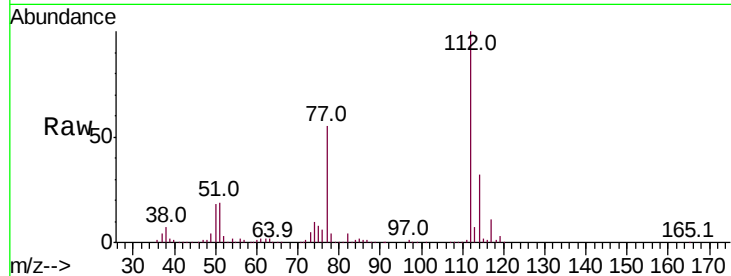
112 100

114 31.6 26.2 39.4

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.373 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

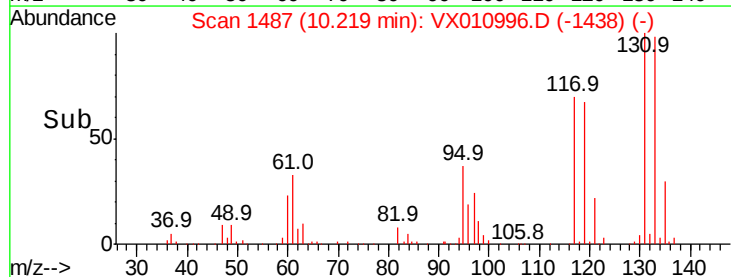
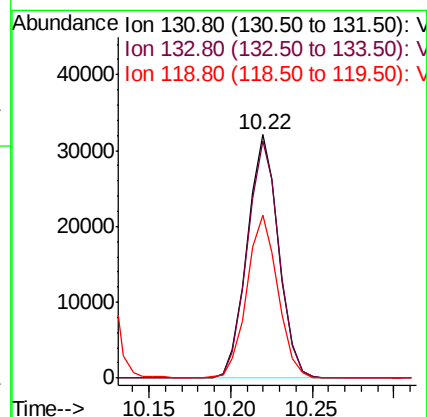
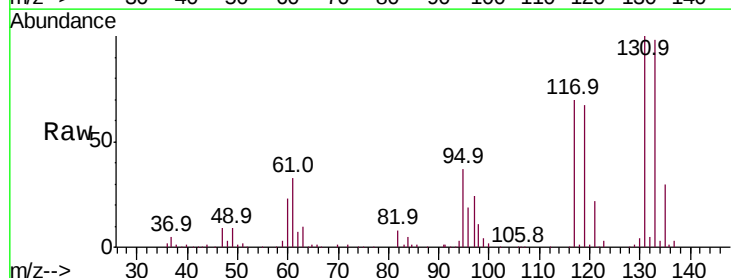
Tgt Ion:131 Resp: 42997

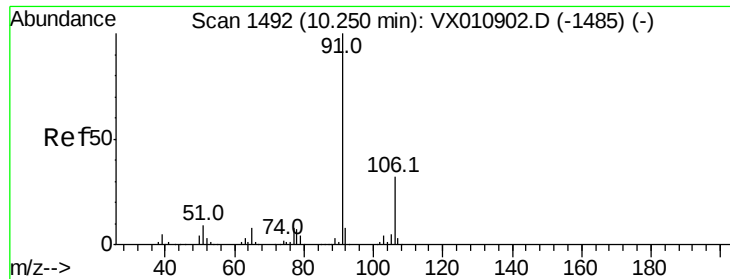
Ion Ratio Lower Upper

131 100

133 98.3 47.1 141.4

119 66.3 31.9 95.7





#67

Ethyl Benzene

Concen: 19.793 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleID :

VX0720WBSD01

Tot Ion: 91 Resp: 212750

Ion Ratio Lower Upper

91 100

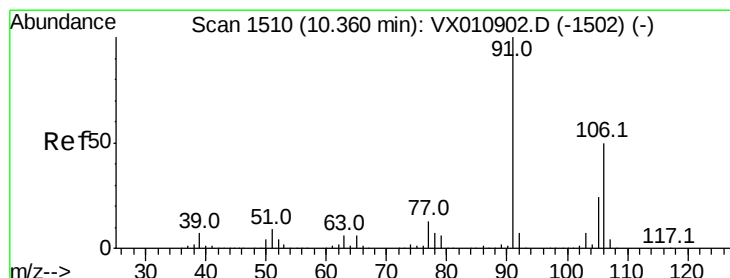
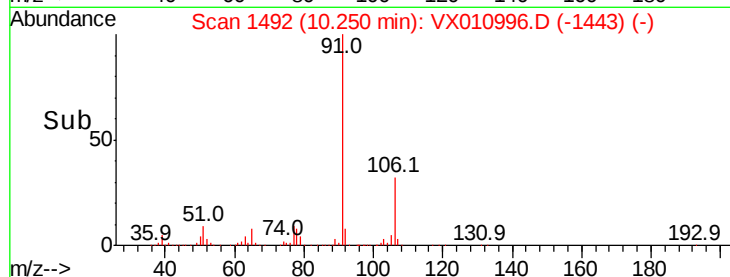
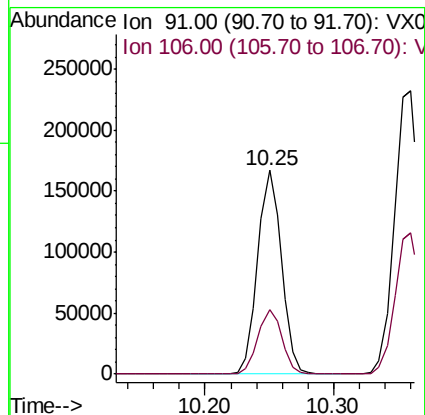
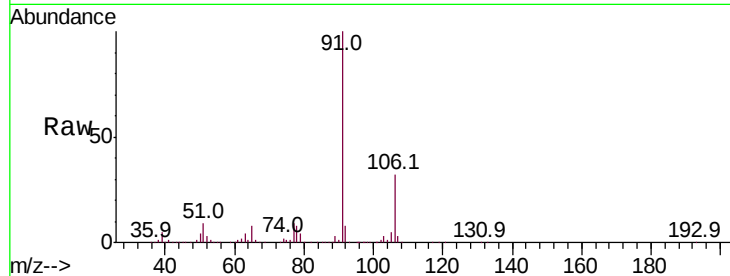
106 31.6 25.4 38.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 39.537 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010996.D

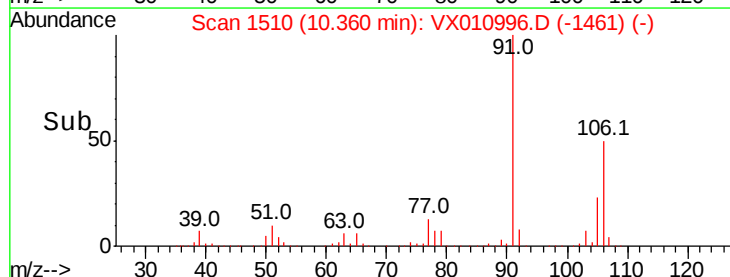
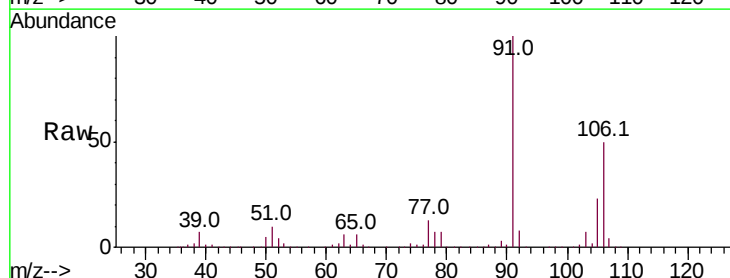
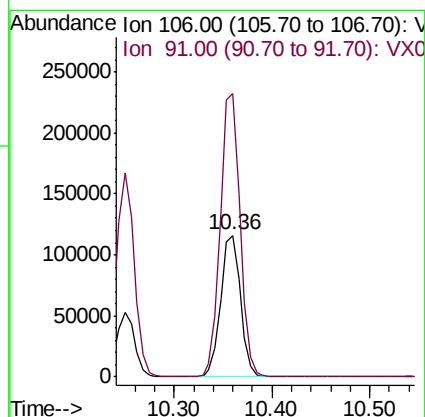
Acq: 19 Jul 2019 12:44

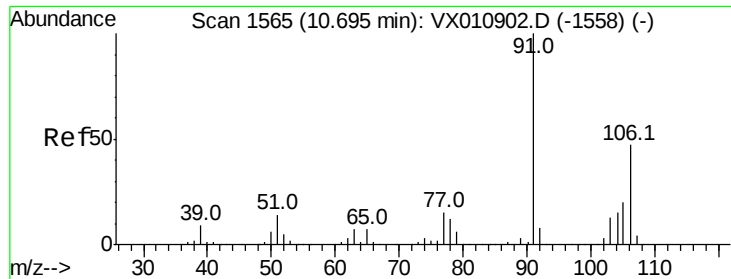
Tgt Ion: 106 Resp: 163021

Ion Ratio Lower Upper

106 100

91 199.9 160.1 240.1





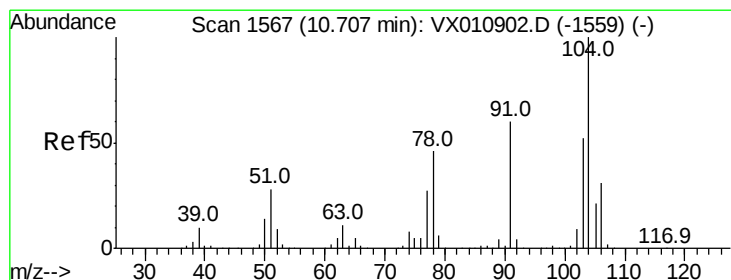
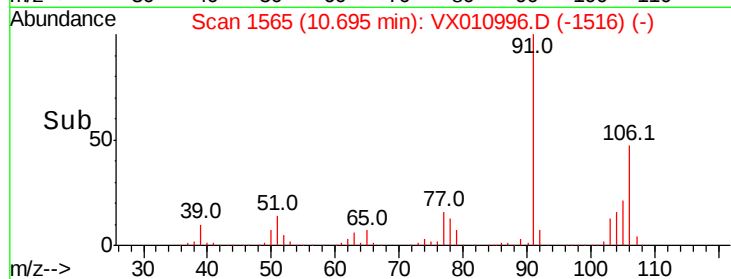
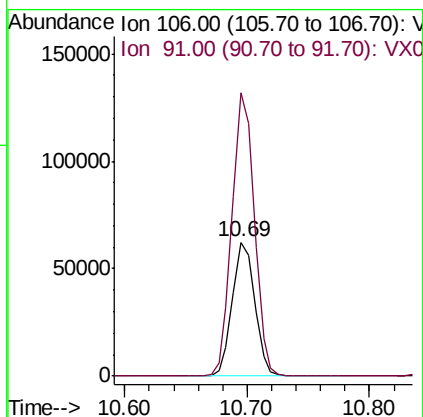
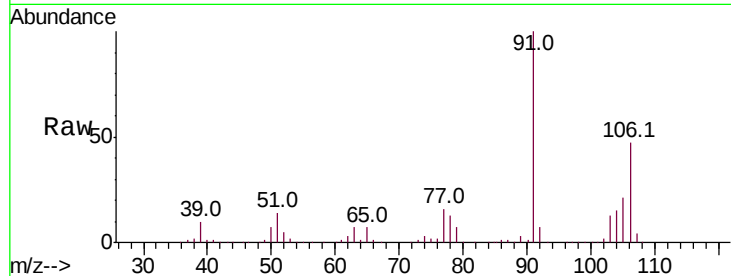
#69
o-Xylene
Concen: 19.722 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

Tot Ion:106 Resp: 79364
Ion Ratio Lower Upper
106 100
91 210.0 105.1 315.3

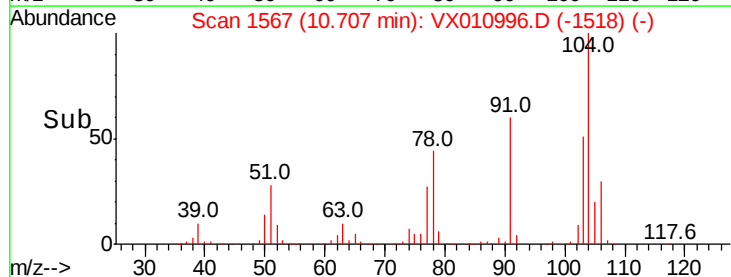
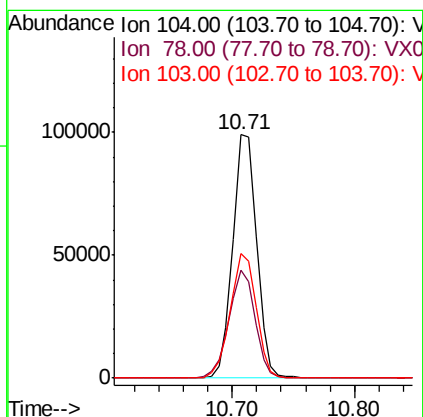
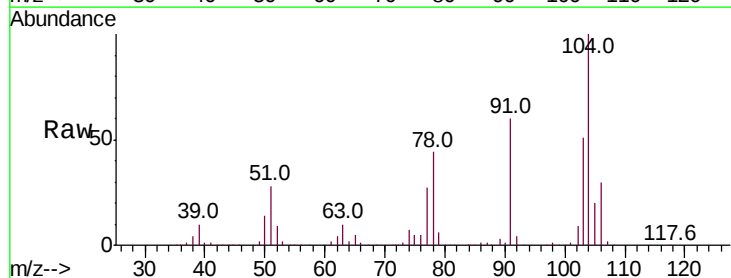
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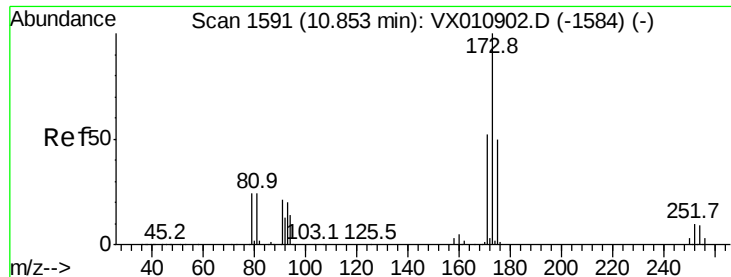
MMDadoda
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#70
Styrene
Concen: 19.996 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion:104 Resp: 134135
Ion Ratio Lower Upper
104 100
78 48.2 38.8 58.2
103 55.5 44.2 66.4





#71

Bromoform

Concen: 18.215 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

Tot Ion:173 Resp: 33359

Ion Ratio Lower Upper

173 100

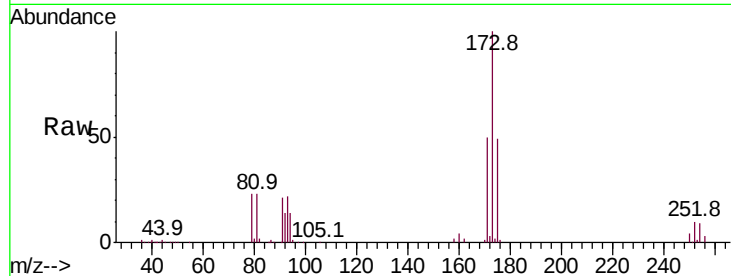
175 48.2 24.6 73.6

254 0.0 0.1 0.1#

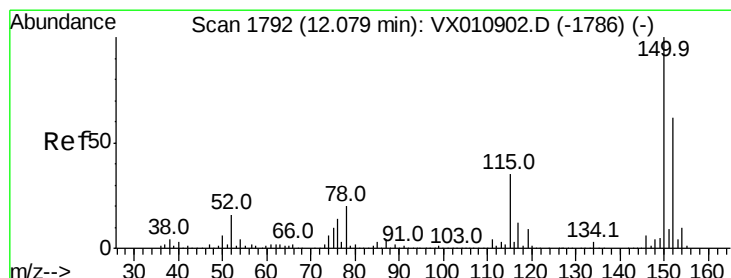
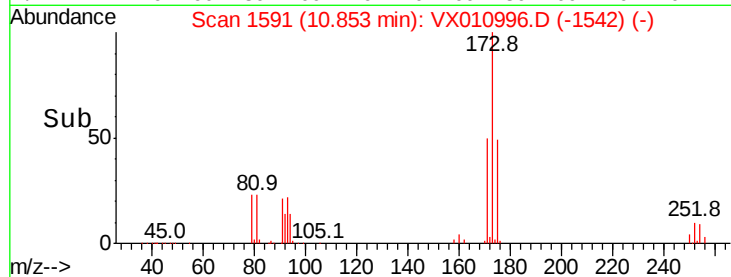
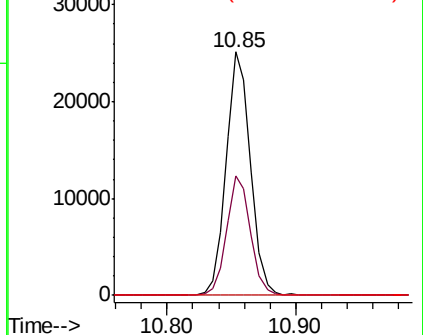
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

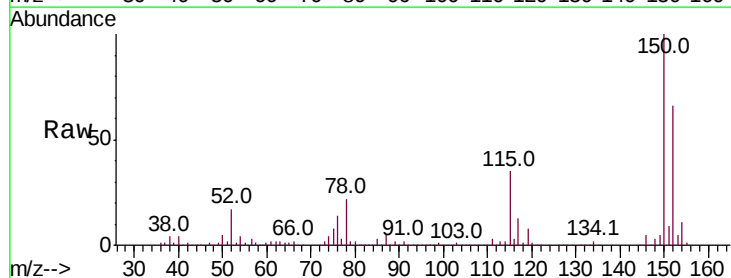
Tgt Ion:152 Resp: 158851

Ion Ratio Lower Upper

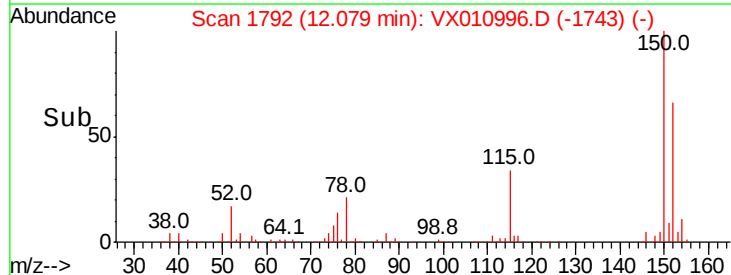
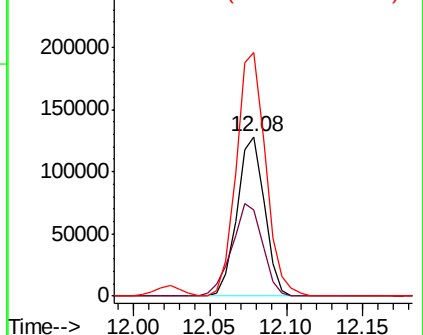
152 100

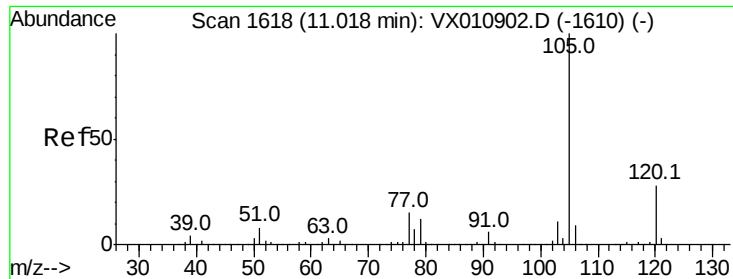
115 65.0 39.7 119.1

150 163.3 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.993 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

Tot Ion: 105 Resp: 214595

Ion Ratio Lower Upper

105 100

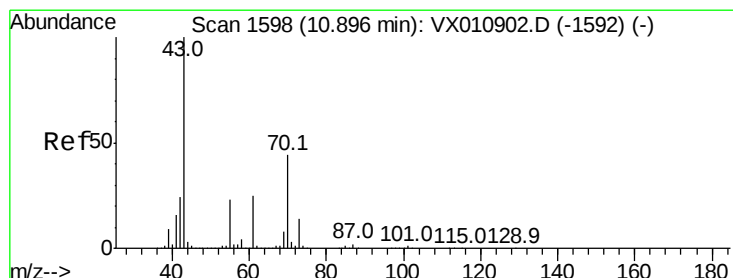
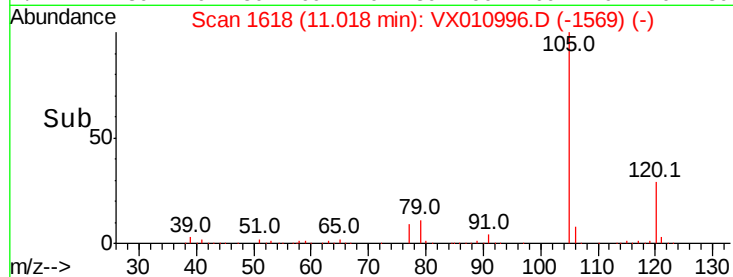
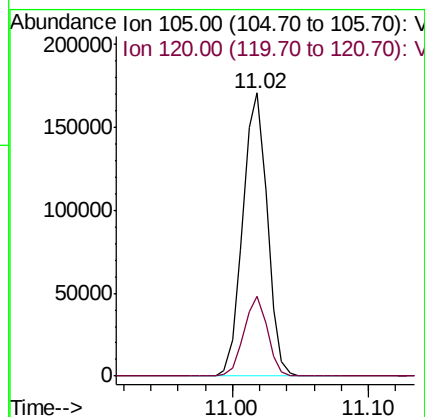
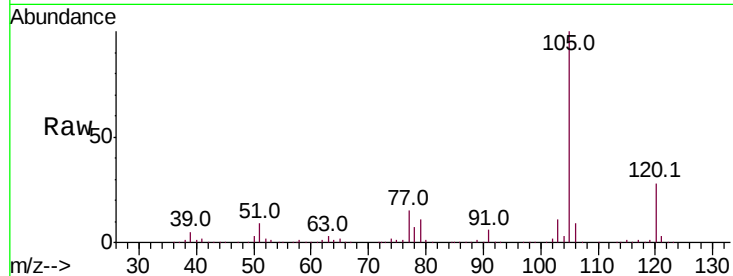
120 27.2 13.7 41.1

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#74

N-ethyl acetate

Concen: 19.732 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Tgt Ion: 43 Resp: 80924

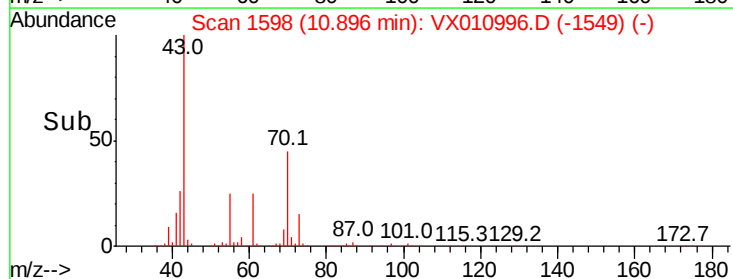
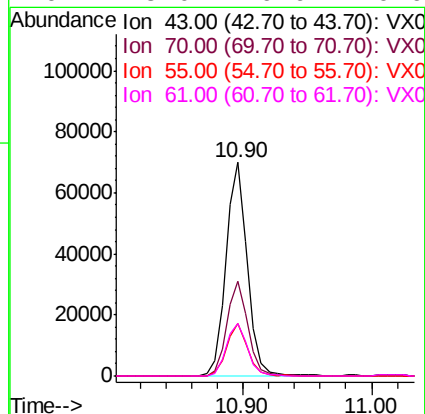
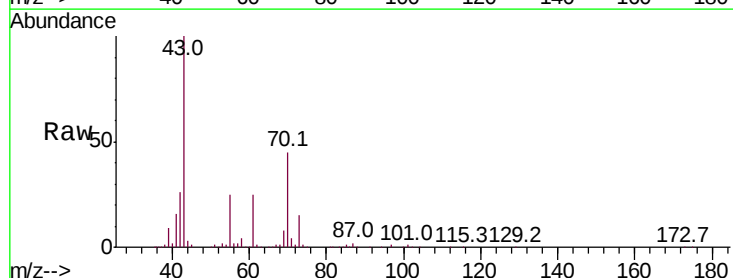
Ion Ratio Lower Upper

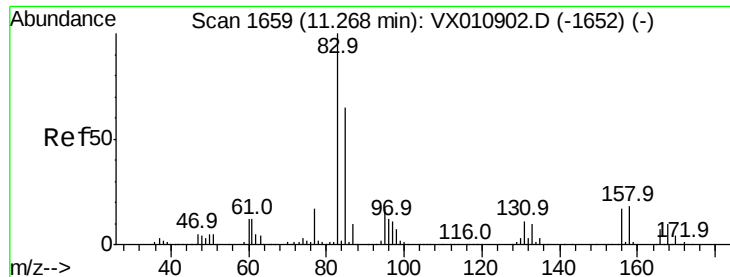
43 100

70 44.4 34.7 52.1

55 24.6 19.1 28.7

61 25.0 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.982 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

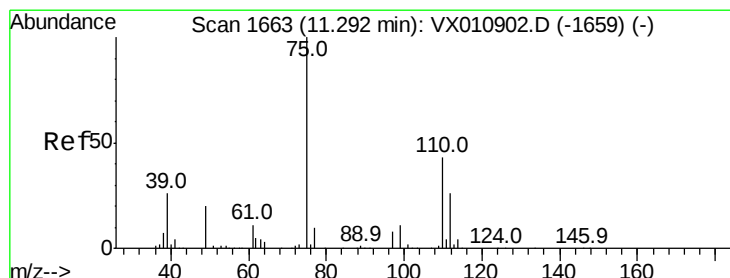
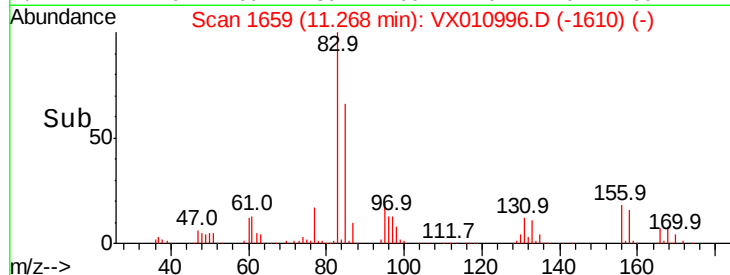
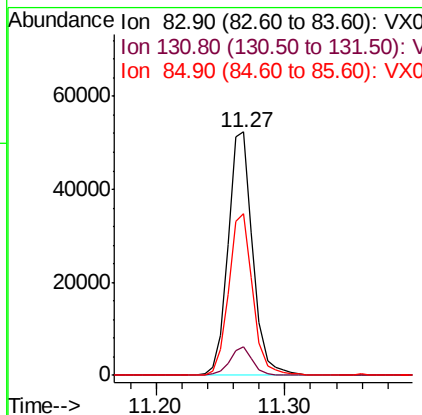
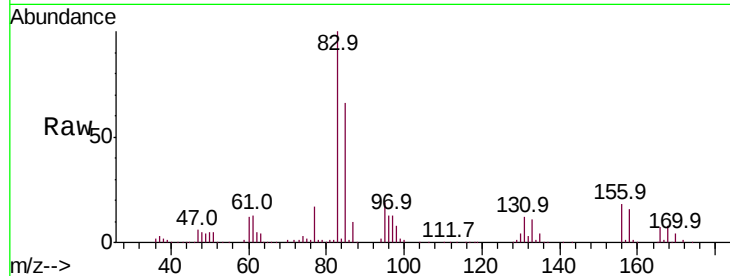
ClientSampled :

VX0720WBSD01

Tot Ion:	83	Resp:	70188
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.5	16.4
85	65.2	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 20.585 ug/l m

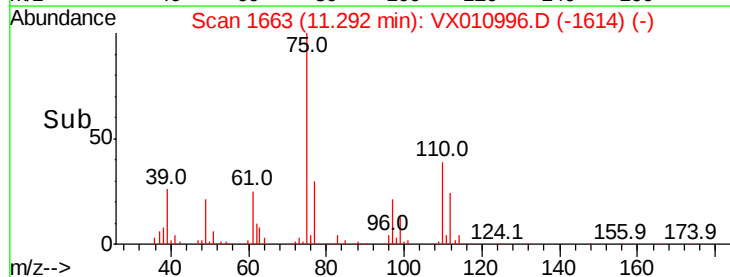
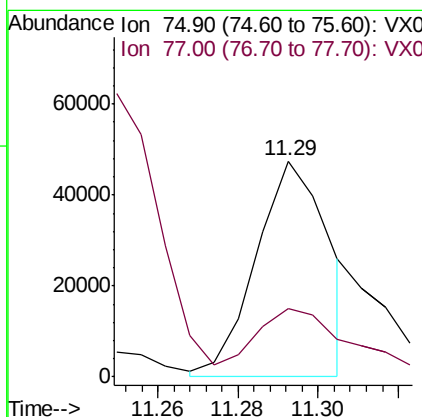
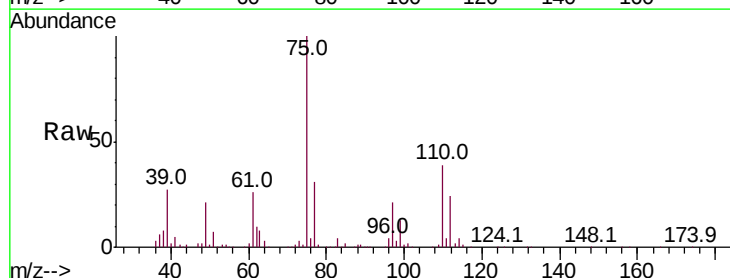
RT: 11.29 min Scan# 1663

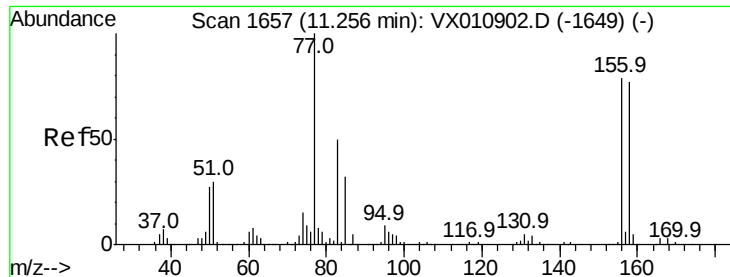
Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Tgt Ion:	75	Resp:	59007
Ion Ratio	Lower	Upper	
75	100		
77	42.5	21.3	64.0





#77

Bromobenzene

Concen: 19.323 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

Tot Ion:156 Resp: 57209

Ion Ratio Lower Upper

156 100

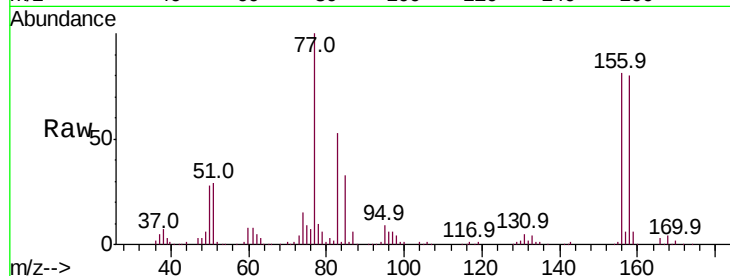
77 137.9 68.7 206.1

158 97.5 47.9 143.7

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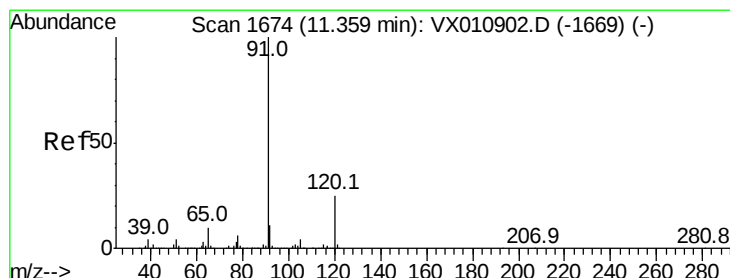
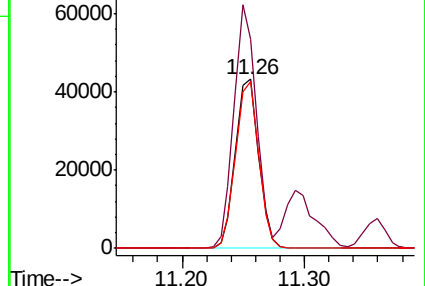
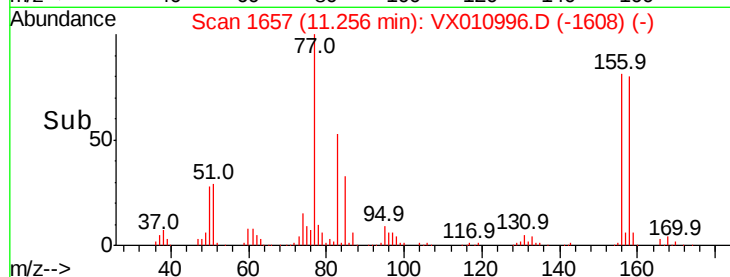
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.090 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010996.D

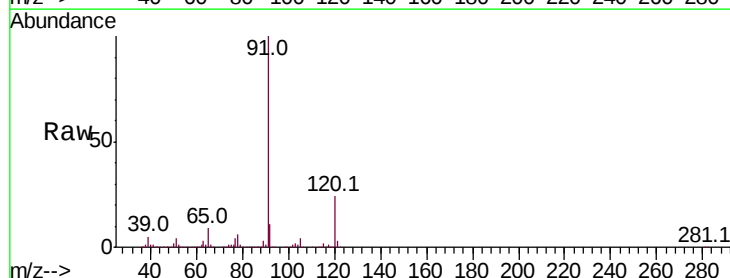
Acq: 19 Jul 2019 12:44

Tgt Ion: 91 Resp: 238266

Ion Ratio Lower Upper

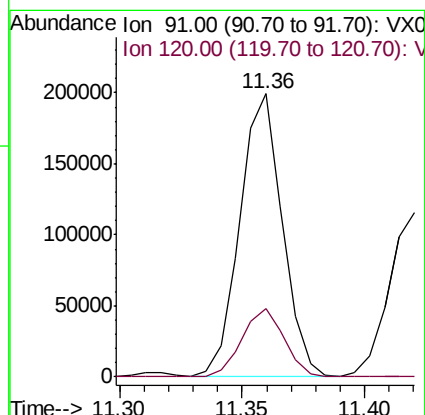
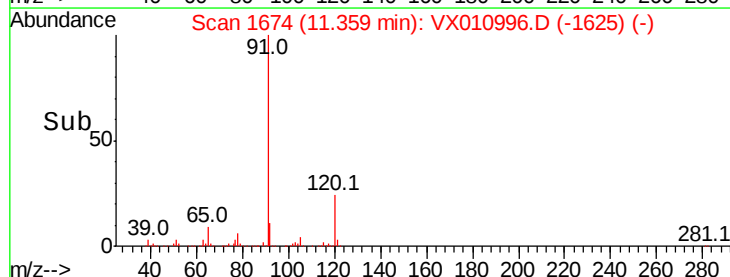
91 100

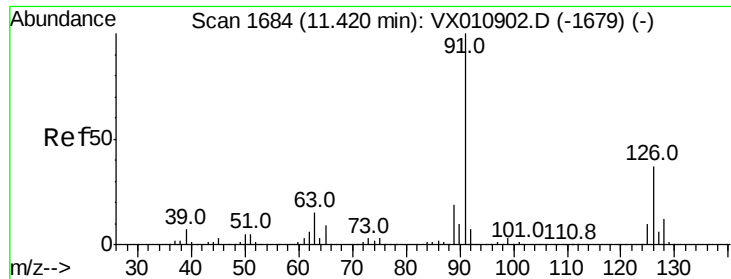
120 24.2 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.967 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

Tot Ion: 91 Resp: 142249

Ion Ratio Lower Upper

91 100

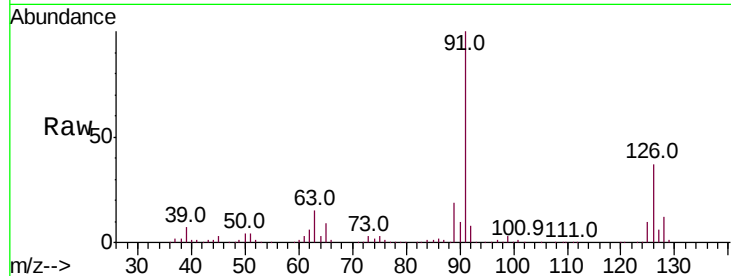
126 36.6 18.0 54.0

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Abundance Ion 91.00 (90.70 to 91.70): VX010902.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010902.D (-1679) (-)

200000

150000

100000

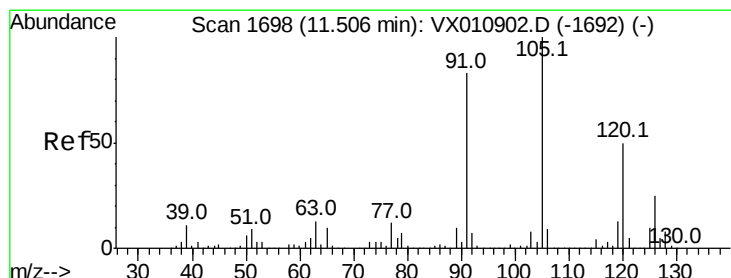
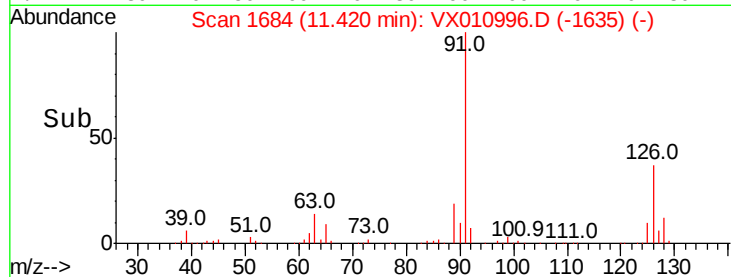
50000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.107 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010996.D

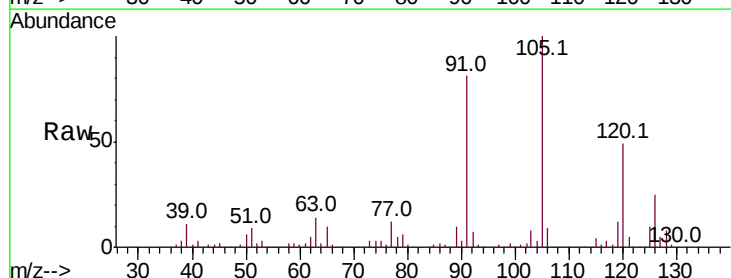
Acq: 19 Jul 2019 12:44

Tgt Ion:105 Resp: 180335

Ion Ratio Lower Upper

105 100

120 49.1 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX010996.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX010996.D (-1649) (-)

150000

100000

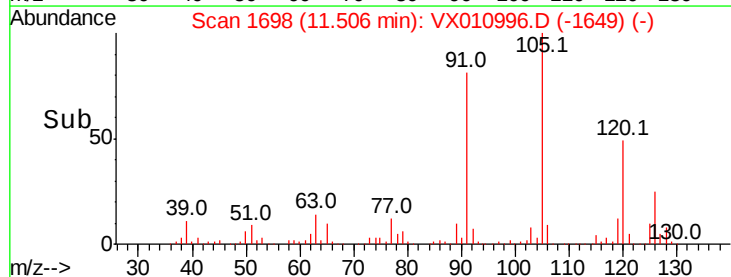
50000

0

11.51

11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.752 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

Tot Ion: 75 Resp: 18159

Ion Ratio Lower Upper

75 100

53 107.1 76.7 115.1

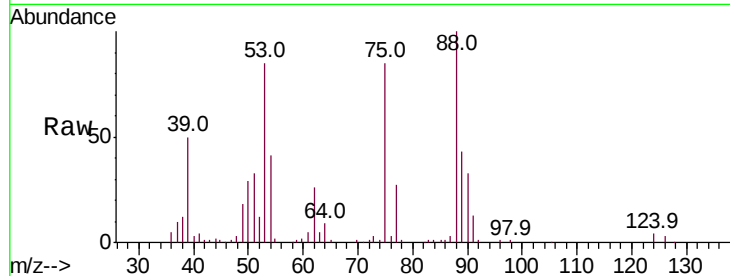
89 49.8 38.5 57.7

Manual Integrations

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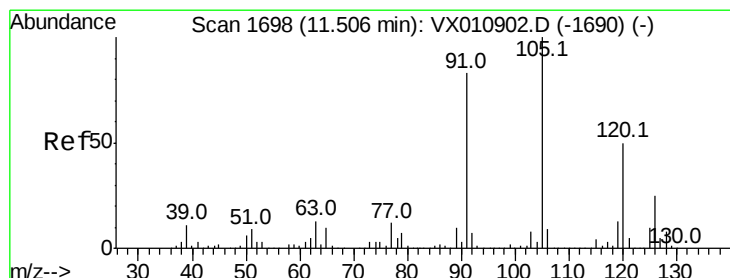
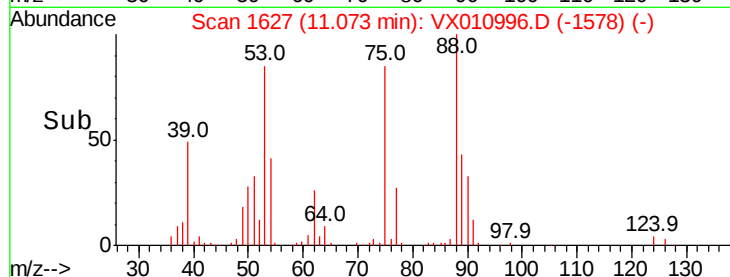
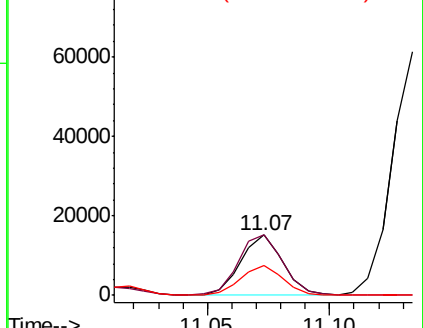
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.823 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010996.D

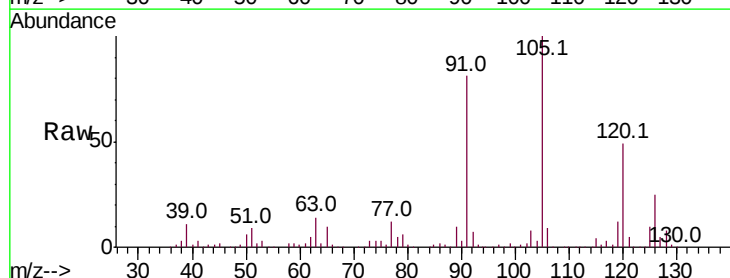
Acq: 19 Jul 2019 12:44

Tgt Ion: 91 Resp: 164369

Ion Ratio Lower Upper

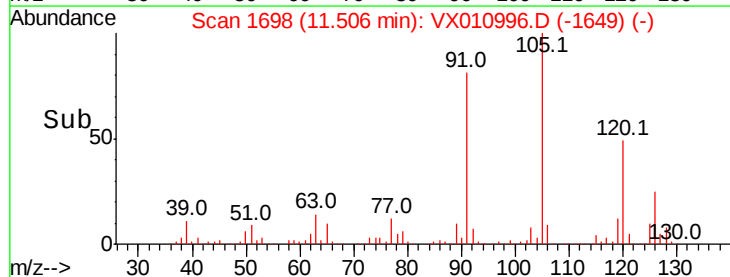
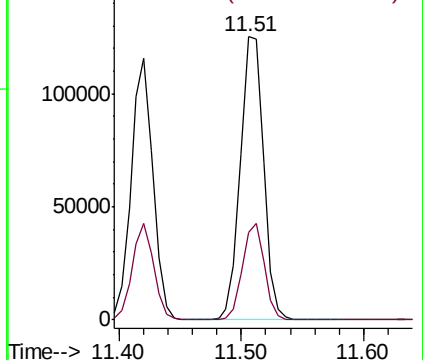
91 100

126 32.1 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





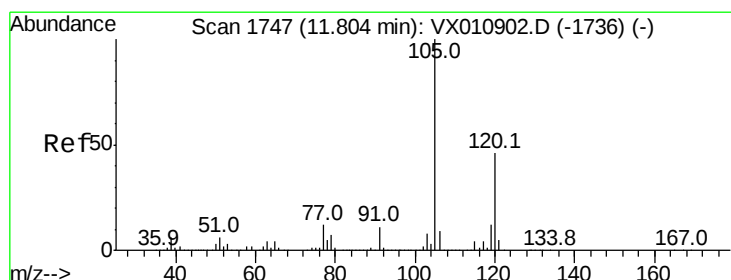
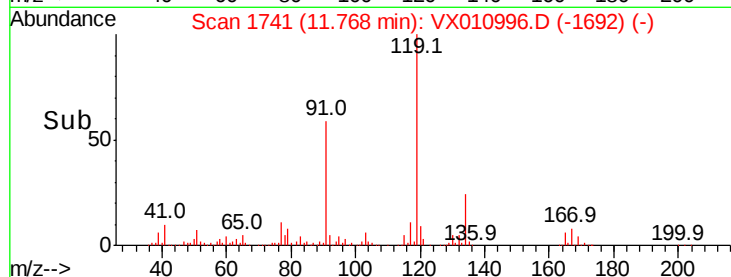
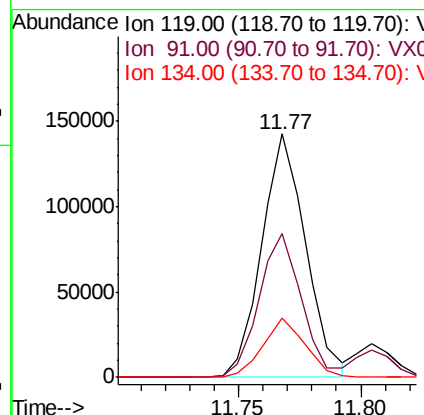
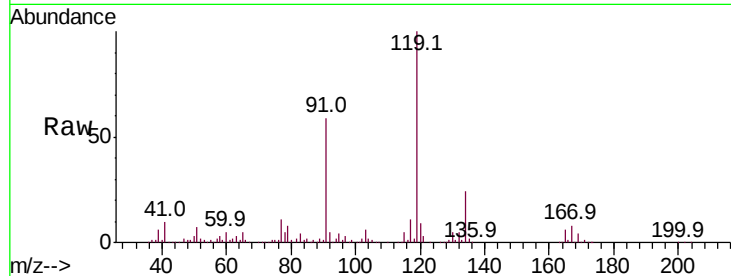
#83
tert-Butylbenzene
Concen: 20.203 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	177987		
91	57.7	28.6	85.8	
134	23.5	11.6	34.8	

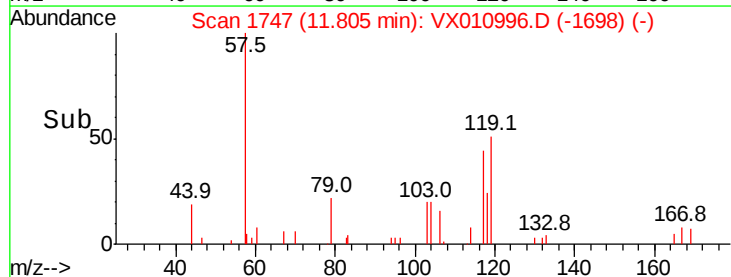
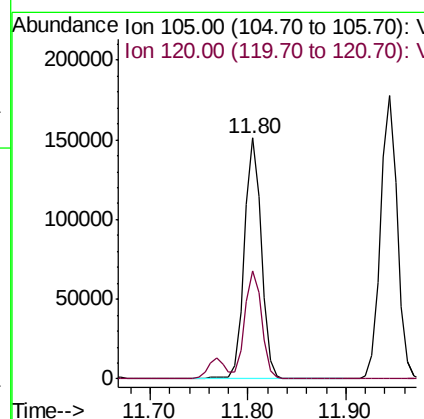
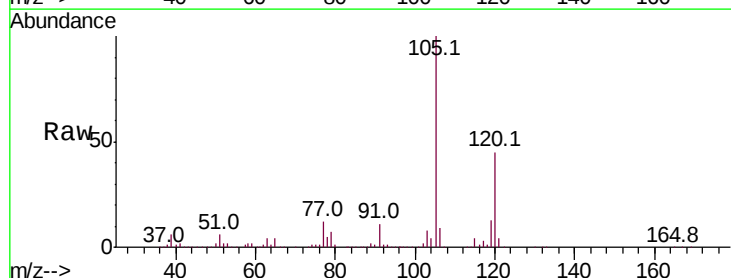
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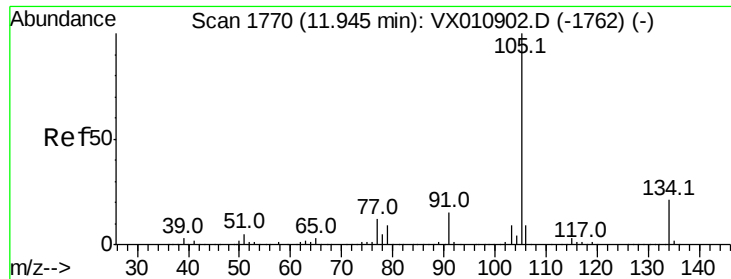
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#84
1,2,4-Trimethylbenzene
Concen: 20.056 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	181298		
120	45.1	22.9	68.5	





#85

sec-Butylbenzene

Concen: 20.436 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD01

Tot Ion:105 Resp: 210957

Ion Ratio Lower Upper

105 100

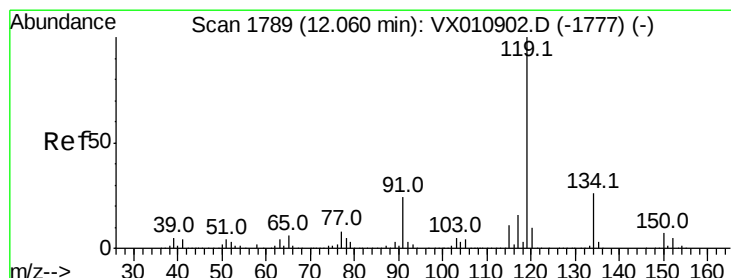
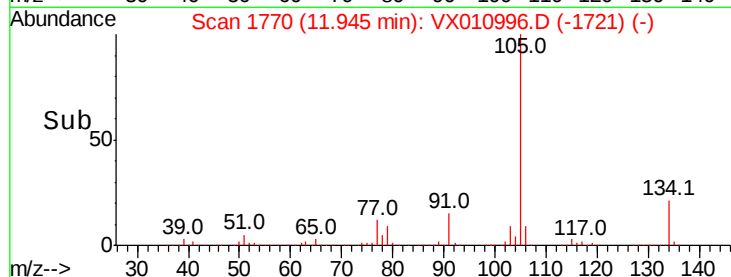
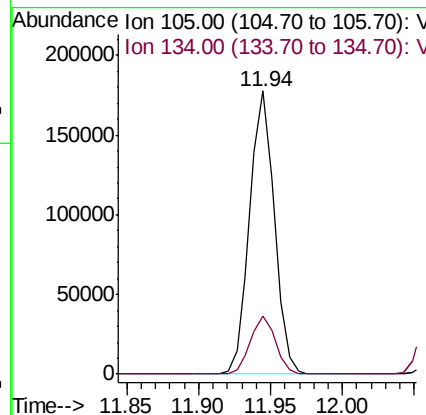
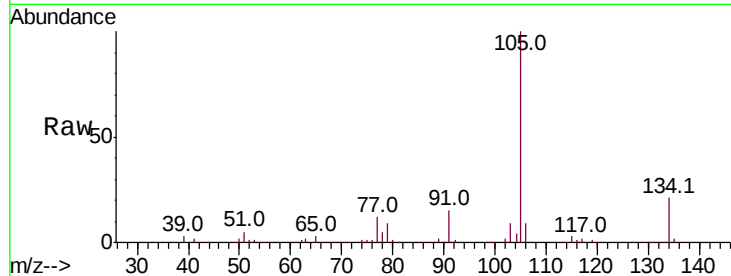
134 20.7 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 20.237 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

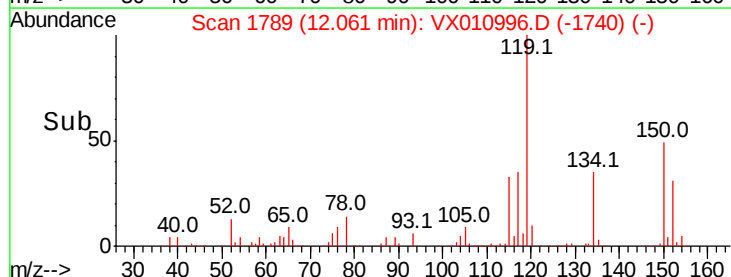
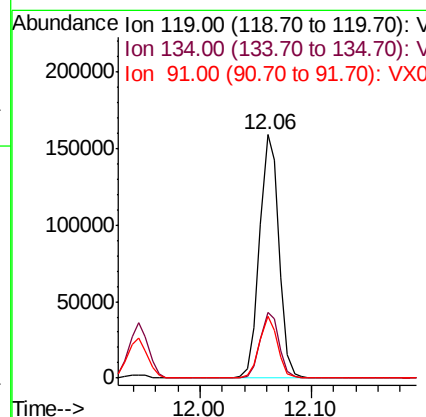
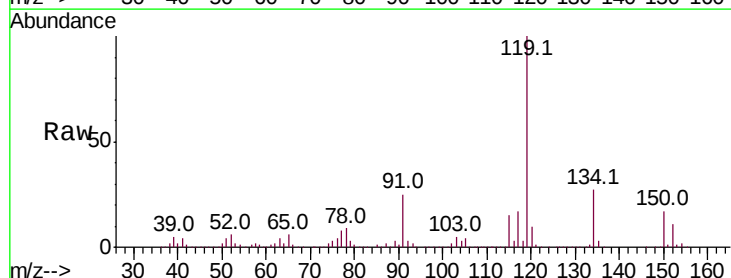
Tgt Ion:119 Resp: 193128

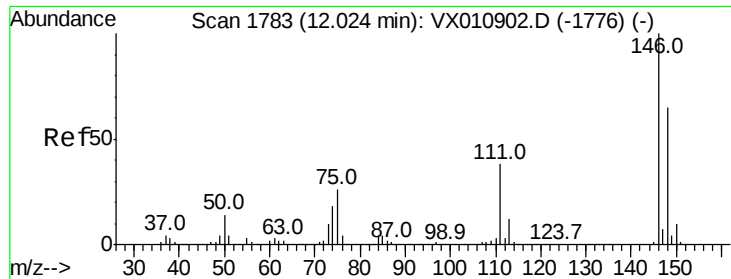
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 24.0 11.8 35.4





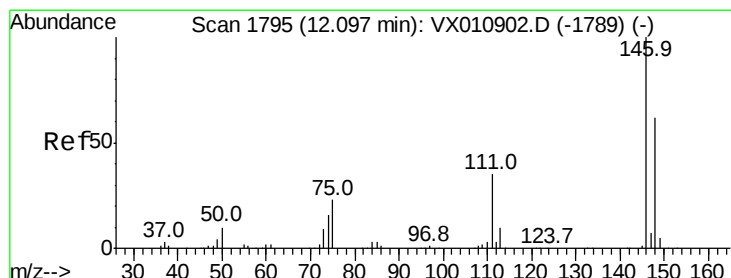
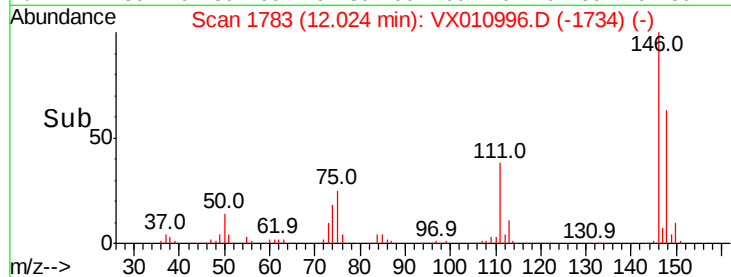
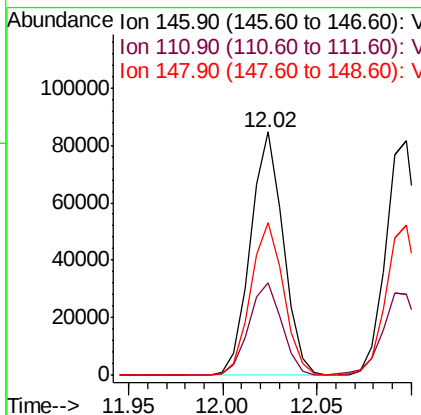
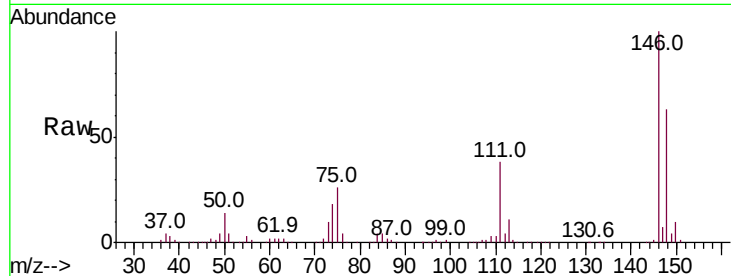
#87
 1,3-Dichlorobenzene
 Concen: 19.924 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.9
148	62.9	32.2	96.6

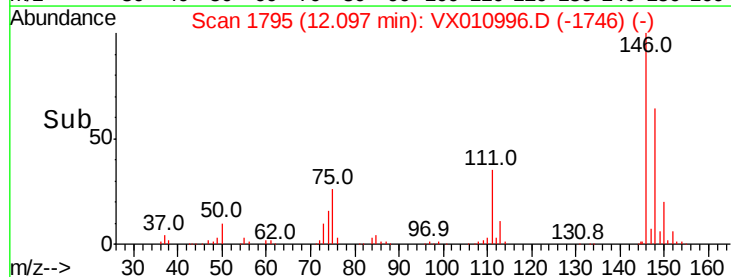
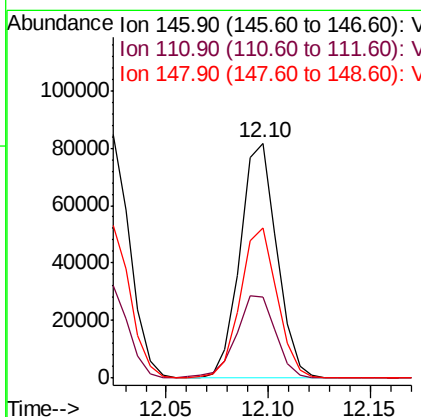
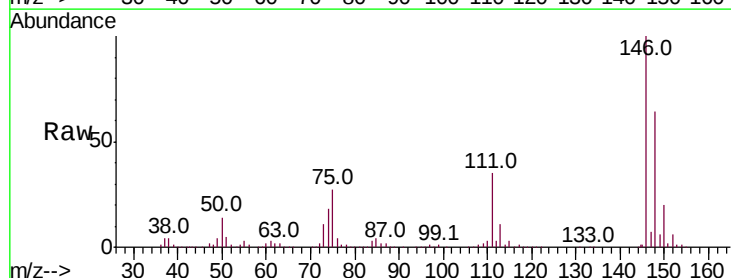
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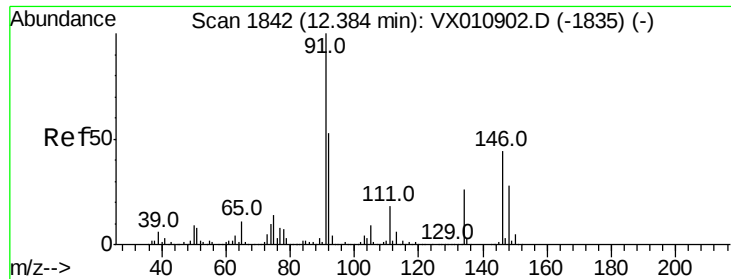
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#88
 1,4-Dichlorobenzene
 Concen: 19.439 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.6	55.8
148	64.1	31.6	94.7





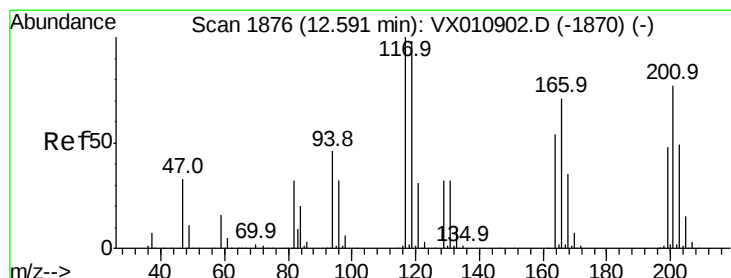
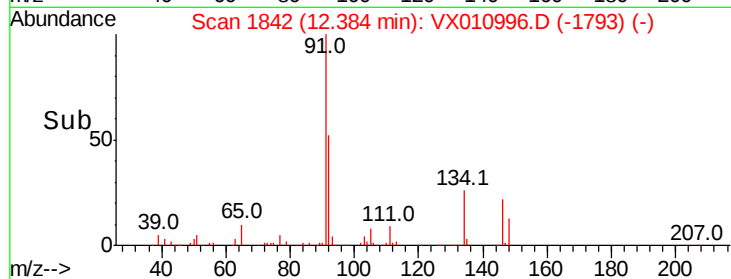
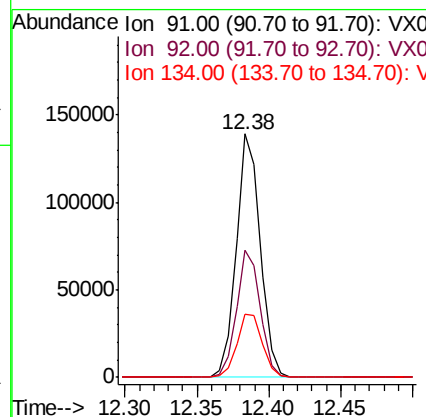
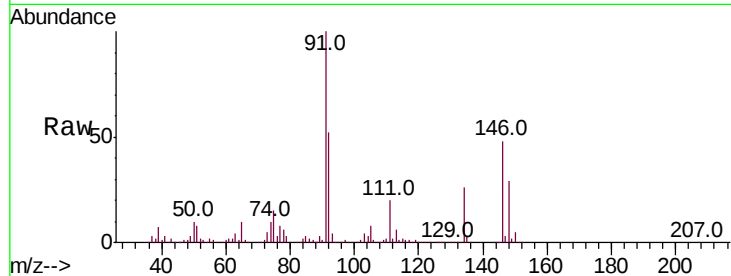
#89
n-Butylbenzene
Concen: 19.973 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.2	78.5
134	27.2	13.8	41.3

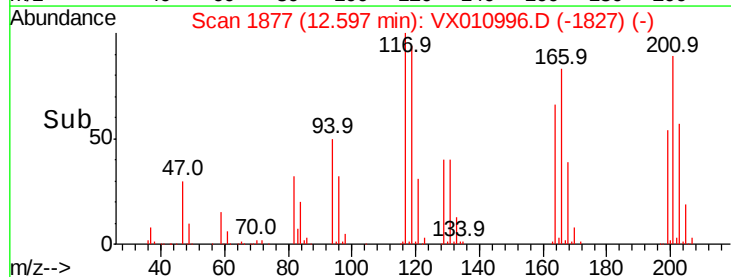
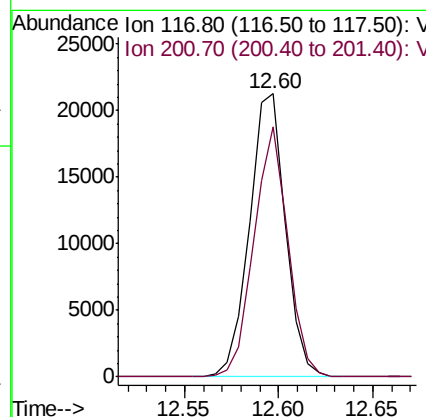
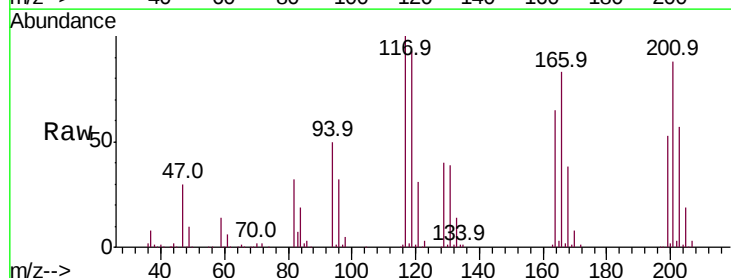
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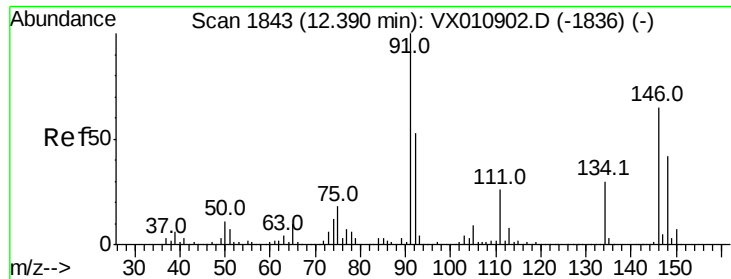
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#90
Hexachloroethane
Concen: 18.669 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.3	43.3	129.8





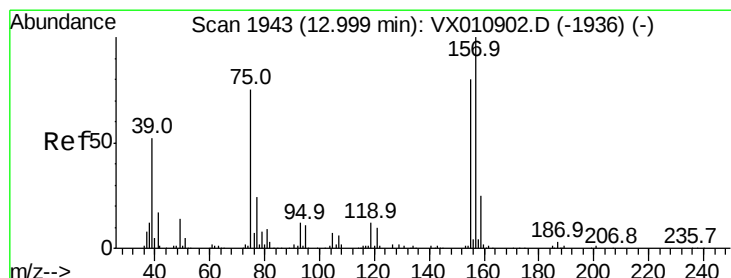
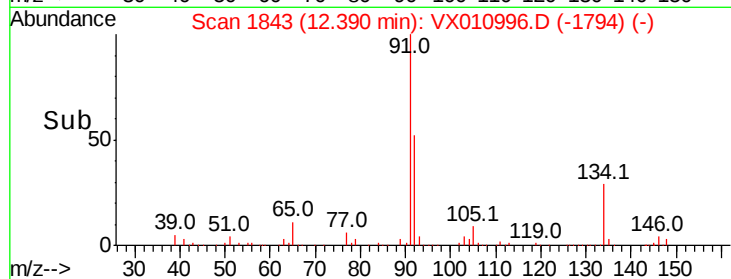
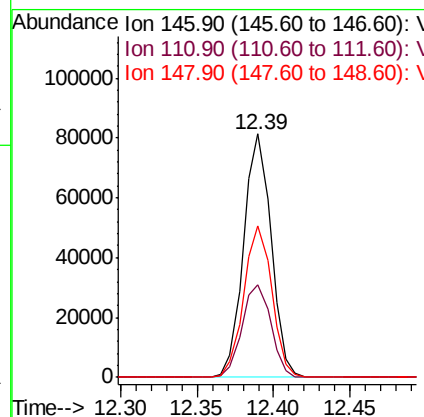
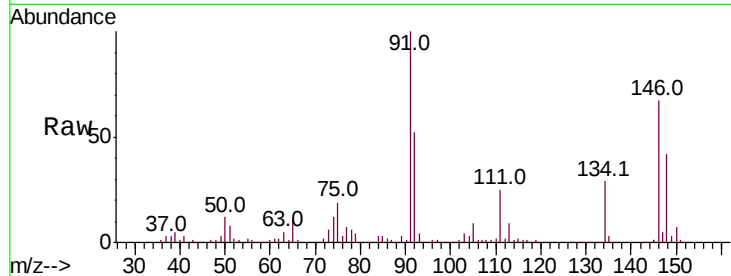
#91
 1,2-Dichlorobenzene
 Concen: 19.948 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0720WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.7
148	63.7	32.0	96.2

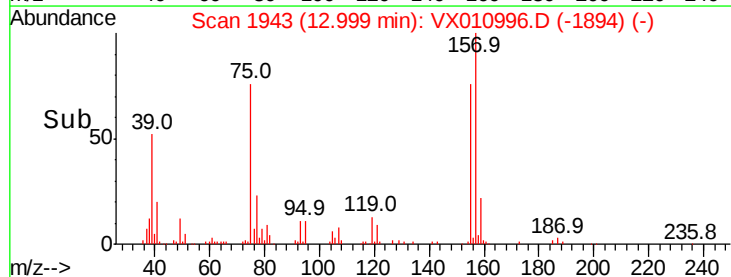
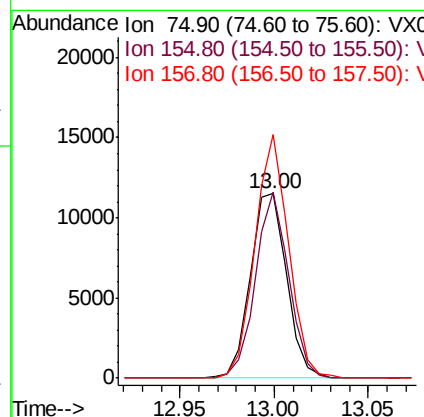
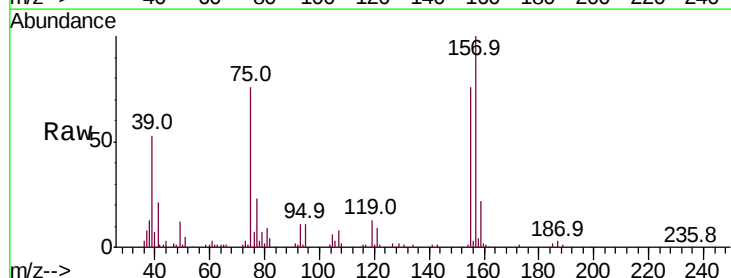
Manual Integrations
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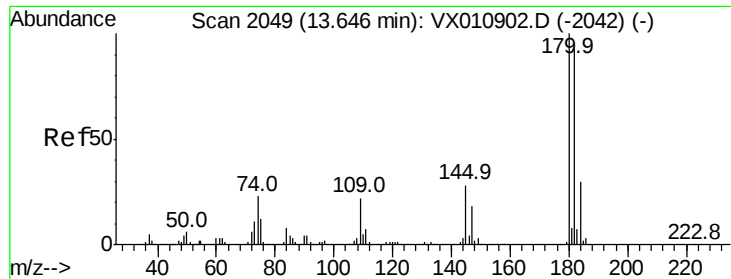
MMDadoda
 7/22/2019 5:22:54 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.945 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010996.D
 Acq: 19 Jul 2019 12:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.0	48.7	146.1
157	121.7	62.5	187.6





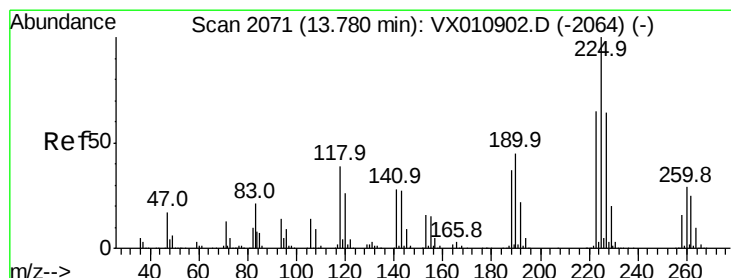
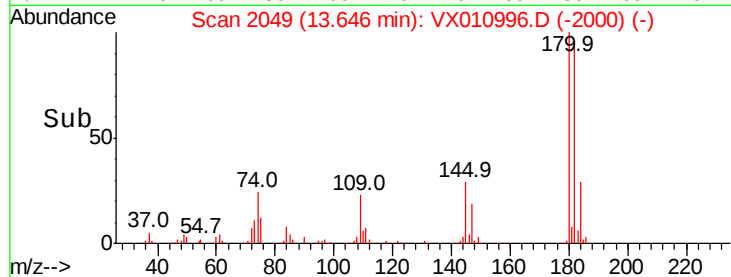
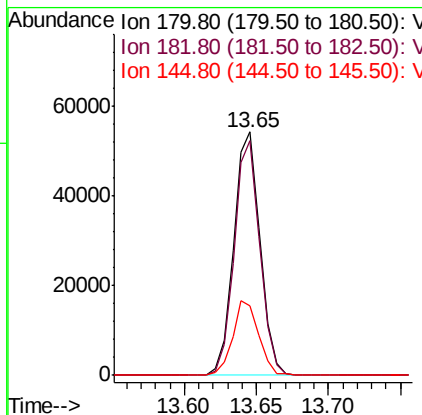
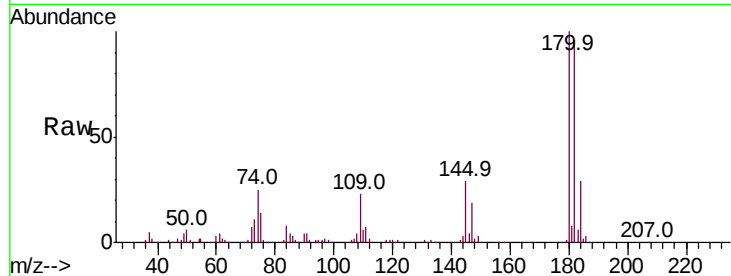
#93
1,2,4-Trichlorobenzene
Concen: 20.078 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	69289		
182	94.2	47.1	141.3	
145	30.3	14.8	44.4	

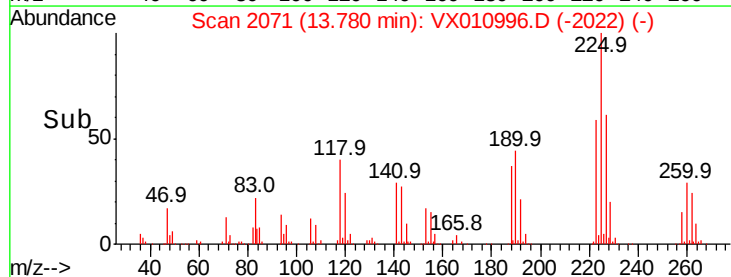
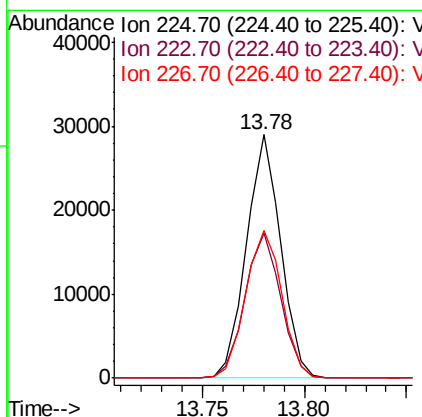
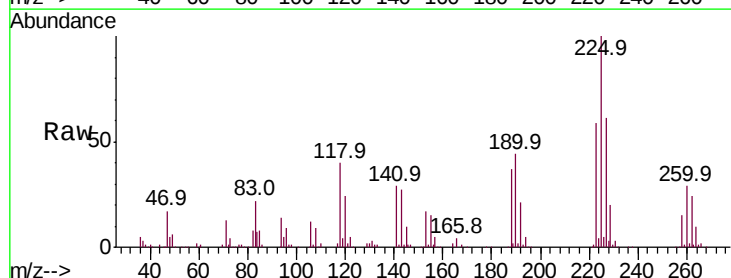
Manual Integrations
APPROVED

MMDadoda
7/22/2019 5:22:54 PM



#94
Hexachlorobutadiene
Concen: 19.819 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX010996.D
Acq: 19 Jul 2019 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	33893		
223	62.0	31.9	95.9	
227	64.4	32.5	97.4	





#95

Naphthalene

Concen: 20.756 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Instrument :

MSVOA_X

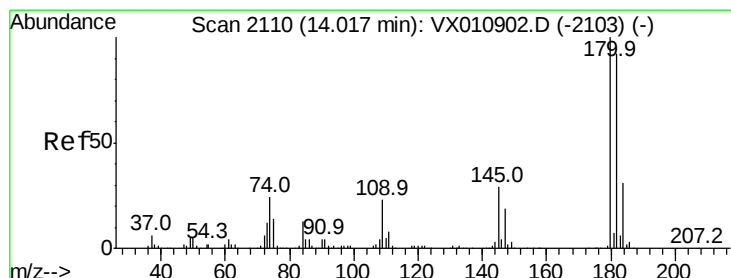
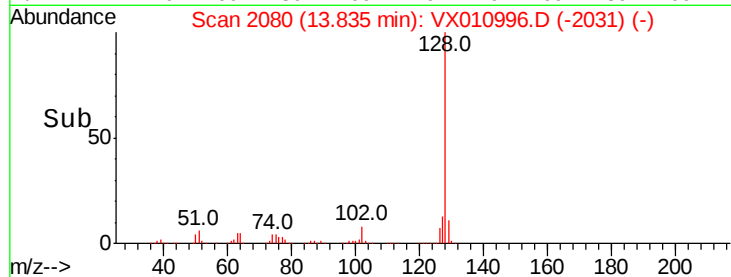
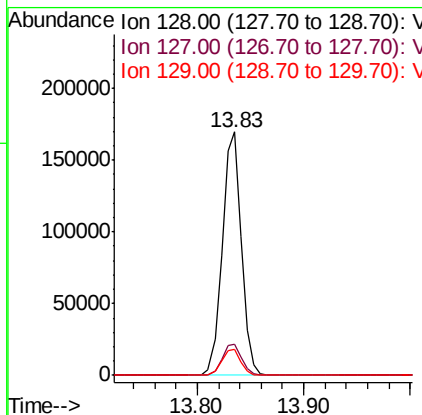
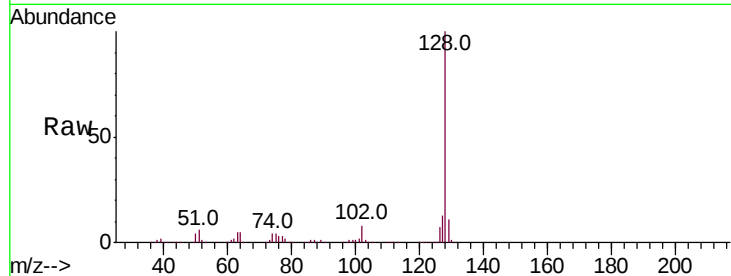
ClientSampleId :

VX0720WBSD01

Tot Ion:	128	Resp:	211513
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.7	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/22/2019 5:22:54 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.272 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010996.D

Acq: 19 Jul 2019 12:44

Tgt Ion:	180	Resp:	69610
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.4	142.3
145	31.3	15.1	45.3

