

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072319\
 Data File : VX011051.D
 Acq On : 23 Jul 2019 11:43
 Operator : JC/SP
 Sample : VX0723WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

Manual Integrations
 APPROVED

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 7/25/2019 3:06:56 PM

Quant Time: Jul 24 05:12:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	226093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	331153	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	298867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156641	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	112289	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	
35) Dibromofluoromethane	5.50	113	102286	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
50) Toluene-d8	8.71	98	382392	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	11.13	95	141562	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	44204	18.681	ug/l	99
3) Chloromethane	1.33	50	37318	17.949	ug/l	96
4) Vinyl Chloride	1.41	62	38989	18.385	ug/l	99
5) Bromomethane	1.64	94	22833	19.106	ug/l	99
6) Chloroethane	1.72	64	25149	18.661	ug/l	92
7) Trichlorofluoromethane	1.93	101	70332	19.592	ug/l	95
8) Diethyl Ether	2.19	74	22721	18.370	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40298	19.660	ug/l	99
10) Methyl Iodide	2.51	142	45551	16.935	ug/l	99
11) Tert butyl alcohol	3.04	59	53188	94.950	ug/l	98
12) 1,1-Dichloroethene	2.37	96	38236	18.986	ug/l	98
13) Acrolein	2.29	56	26489	81.846	ug/l	100
14) Allyl chloride	2.73	41	54150	18.511	ug/l	100
15) Acrylonitrile	3.14	53	106283	93.896	ug/l	100
16) Acetone	2.44	43	102723	94.559	ug/l	99
17) Carbon Disulfide	2.57	76	84206	16.301	ug/l	99
18) Methyl Acetate	2.78	43	47687	19.278	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	123639	19.071	ug/l	99
20) Methylene Chloride	2.85	84	42446	18.437	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	39337	18.409	ug/l	98
22) Diisopropyl ether	3.85	45	116816	18.934	ug/l	96
23) Vinyl Acetate	3.81	43	494027	94.508	ug/l	100
24) 1,1-Dichloroethane	3.70	63	67667	18.886	ug/l	99
25) 2-Butanone	4.67	43	149875	96.109	ug/l	99
26) 2,2-Dichloropropane	4.58	77	54660	18.580	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	46179	18.673	ug/l	99
28) Bromochloromethane	5.02	49	30778	18.229	ug/l	99
29) Tetrahydrofuran	5.13	42	92709	93.853	ug/l	99
30) Chloroform	5.21	83	72654	18.760	ug/l	98
31) Cyclohexane	5.58	56	60475	18.518	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	62710	18.716	ug/l	98
36) 1,1-Dichloropropene	5.80	75	52141	19.169	ug/l	100
37) Ethyl Acetate	4.83	43	53689	19.276	ug/l	98
38) Carbon Tetrachloride	5.79	117	53736	18.958	ug/l	94

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 Data File : VX011051.D
 Acq On : 23 Jul 2019 11:43
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 Sample : VX0723WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0723WBS01

Manual Integrations
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Quant Time: Jul 24 05:12:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67189	19.047	ug/l	96
40) Benzene	6.14	78	158756	19.053	ug/l	99
41) Methacrylonitrile	5.04	41	29298	18.529	ug/l	98
42) 1,2-Dichloroethane	6.19	62	56621	19.544	ug/l	100
43) Isopropyl Acetate	6.44	43	86515	18.890	ug/l	100
44) Trichloroethene	7.21	130	46697	18.933	ug/l	94
45) 1,2-Dichloropropane	7.51	63	40759	19.219	ug/l	98
46) Dibromomethane	7.66	93	29604	19.535	ug/l	98
47) Bromodichloromethane	7.90	83	52077	19.305	ug/l	96
48) Methyl methacrylate	7.77	41	41657	18.671	ug/l	98
49) 1,4-Dioxane	7.74	88	23814	381.578	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	289771	97.603	ug/l	99
52) Toluene	8.78	92	105224	19.223	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	54235	18.698	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	61455	19.041	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	42999	19.079	ug/l	98
56) Ethyl methacrylate	9.18	69	63150	19.155	ug/l	98
57) 1,3-Dichloropropane	9.37	76	68928	19.279	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	158246	100.554	ug/l	99
59) 2-Hexanone	9.49	43	228464	99.215	ug/l	100
60) Dibromochloromethane	9.58	129	44936	18.976	ug/l	99
61) 1,2-Dibromoethane	9.67	107	45989	19.227	ug/l	99
64) Tetrachloroethene	9.34	164	47210	20.080	ug/l	99
65) Chlorobenzene	10.13	112	118294	19.271	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	42055	19.493	ug/l	99
67) Ethyl Benzene	10.25	91	204815	19.602	ug/l	99
68) m/p-Xylenes	10.36	106	157104	39.198	ug/l	98
69) o-Xylene	10.69	106	76741	19.619	ug/l	98
70) Styrene	10.71	104	129869	19.917	ug/l	99
71) Bromoform	10.85	173	31283	17.663	ug/l #	99
73) Isopropylbenzene	11.02	105	207861	19.639	ug/l	100
74) N-amyl acetate	10.90	43	77346	19.125	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	67003	19.344	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	55889m	19.772	ug/l	
77) Bromobenzene	11.25	156	54897	18.804	ug/l	99
78) n-propylbenzene	11.36	91	231820	19.823	ug/l	99
79) 2-Chlorotoluene	11.42	91	136807	19.474	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	174256	19.703	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	17644	18.535	ug/l	94
82) 4-Chlorotoluene	11.51	91	160332	19.609	ug/l	98
83) tert-Butylbenzene	11.77	119	170361	19.611	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	175495	19.687	ug/l	100
85) sec-Butylbenzene	11.94	105	202017	19.846	ug/l	100
86) p-Isopropyltoluene	12.06	119	188995	20.083	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	99528	19.644	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	99570	19.162	ug/l	98
89) n-Butylbenzene	12.38	91	159865	19.857	ug/l	99
90) Hexachloroethane	12.60	117	28011	18.872	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	99441	19.804	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14280	19.723	ug/l	94

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Sample : VX0723WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

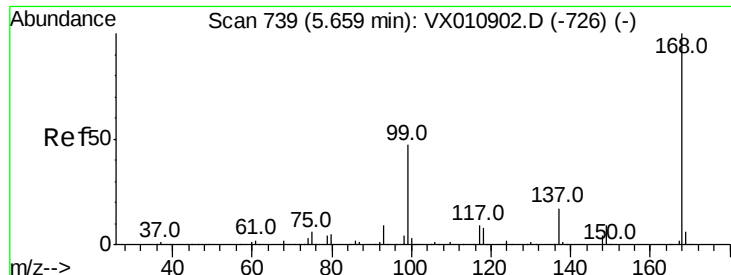
Manual Integrations
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Quant Time: Jul 24 05:12:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 20 04:05:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	67236	19.758	ug/l	99
94) Hexachlorobutadiene	13.78	225	34558	20.493	ug/l	97
95) Naphthalene	13.83	128	199929	19.896	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	68182	20.137	ug/l	99

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



#1

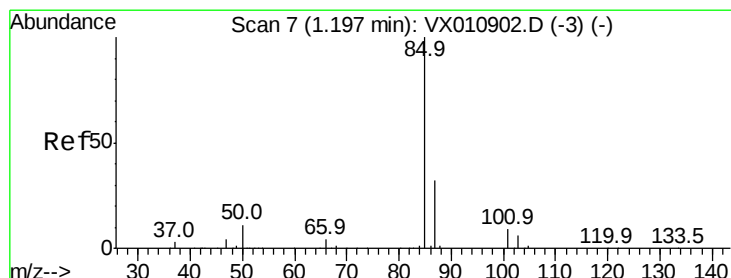
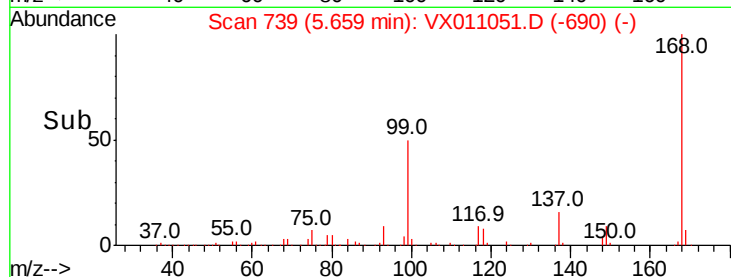
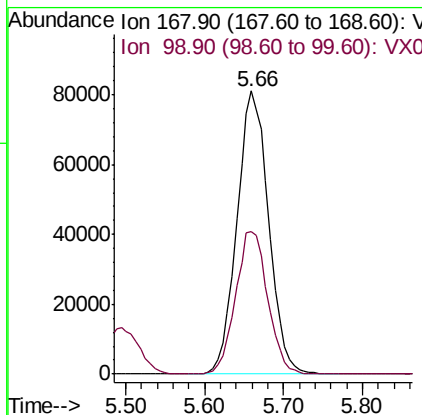
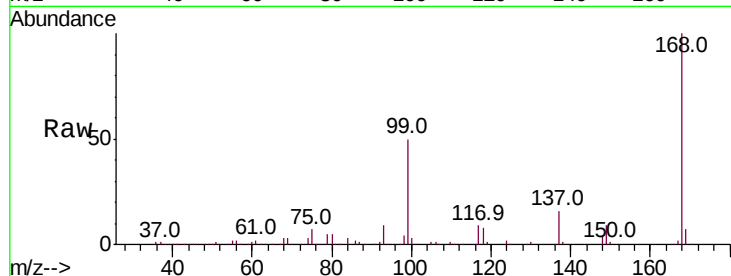
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.1	37.6	56.4

Manual Integrations
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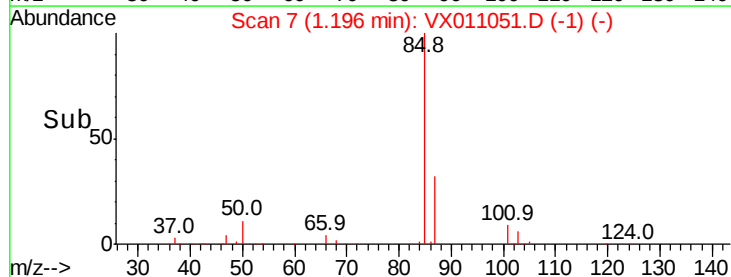
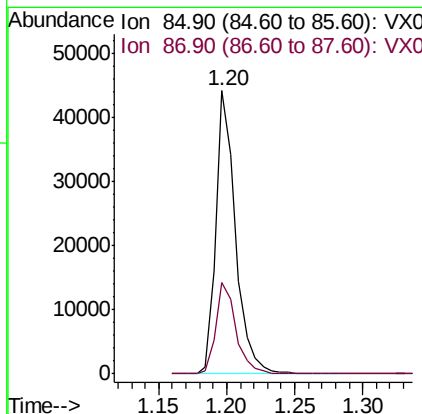
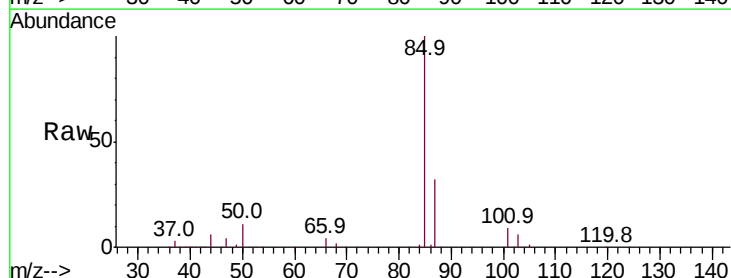
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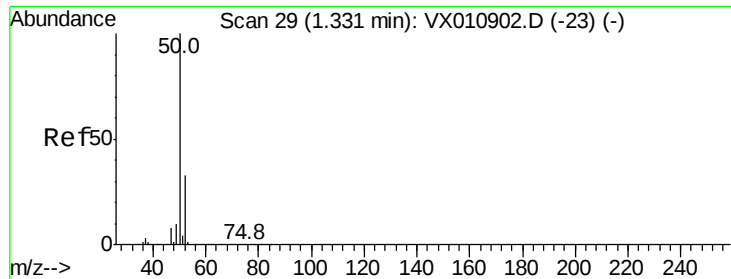


#2

Dichlorodifluoromethane
 Concen: 18.681 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.9	47.7





#3

Chloromethane

Concen: 17.949 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion: 50 Resp: 37318

Ion Ratio Lower Upper

50 100

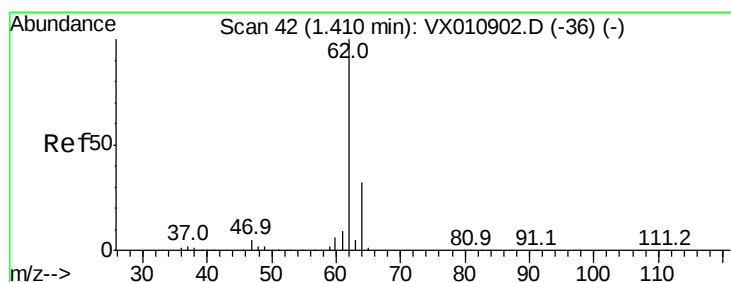
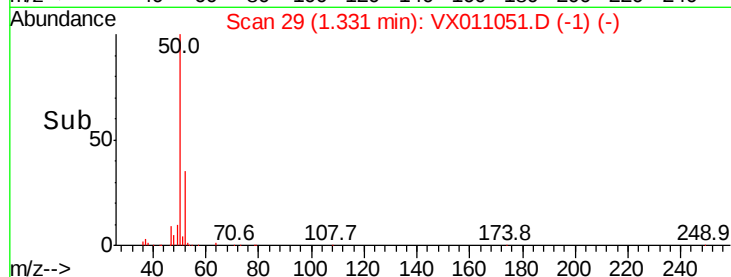
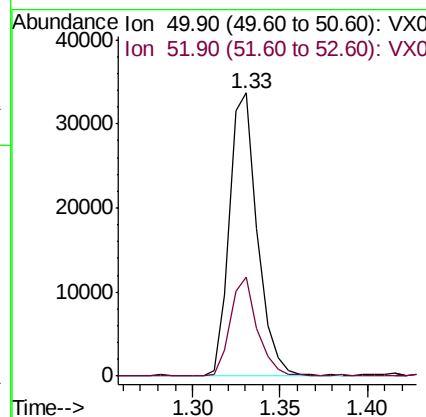
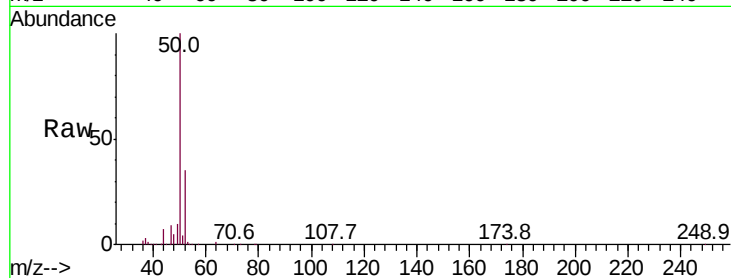
52 35.0 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.385 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011051.D

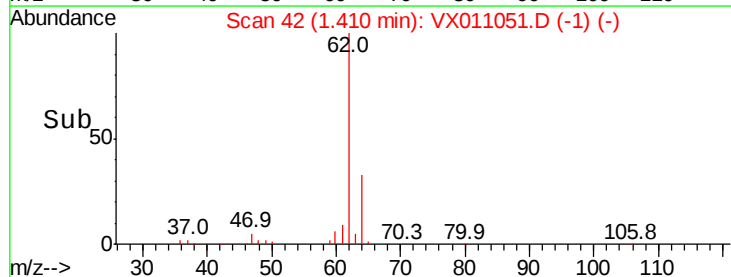
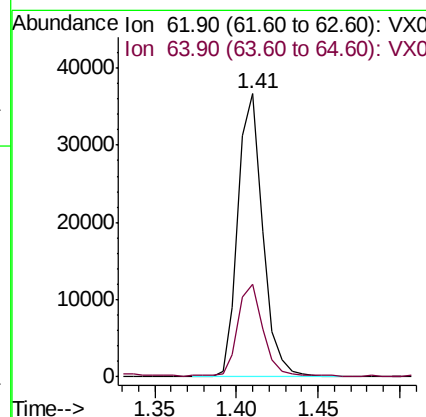
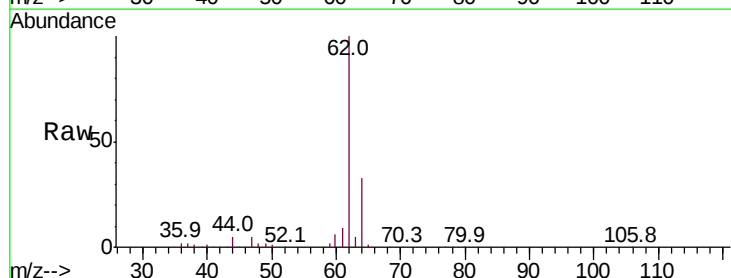
Acq: 23 Jul 2019 11:43

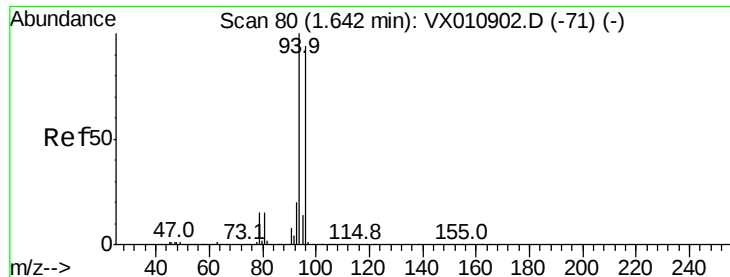
Tgt Ion: 62 Resp: 38989

Ion Ratio Lower Upper

62 100

64 32.6 25.7 38.5





#5

Bromomethane

Concen: 19.106 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion: 94 Resp: 22833

Ion Ratio Lower Upper

94 100

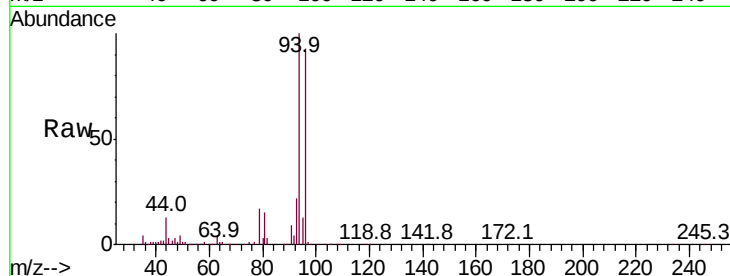
96 93.6 75.6 113.4

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

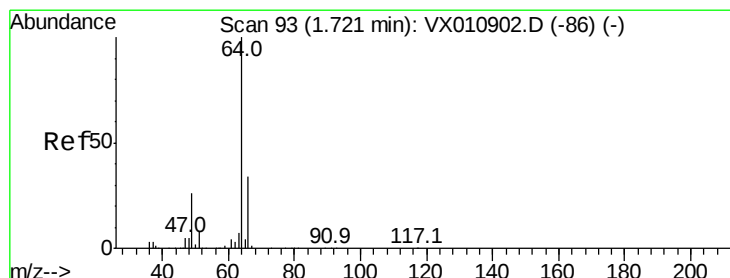
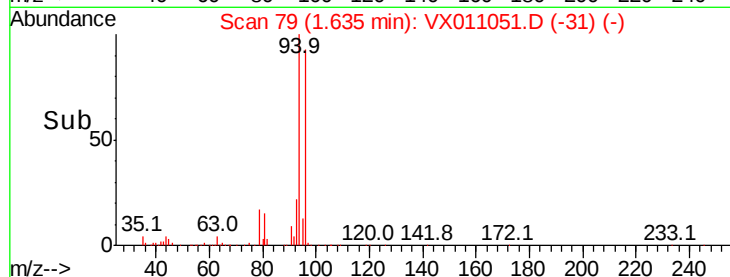
10000

5000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 18.661 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX011051.D

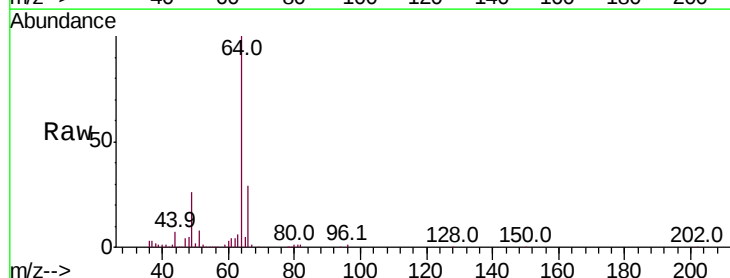
Acq: 23 Jul 2019 11:43

Tgt Ion: 64 Resp: 25149

Ion Ratio Lower Upper

64 100

66 29.3 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

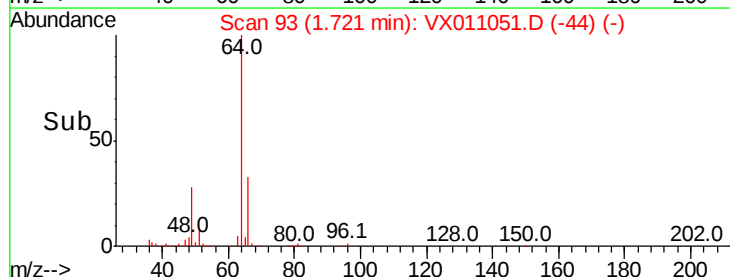
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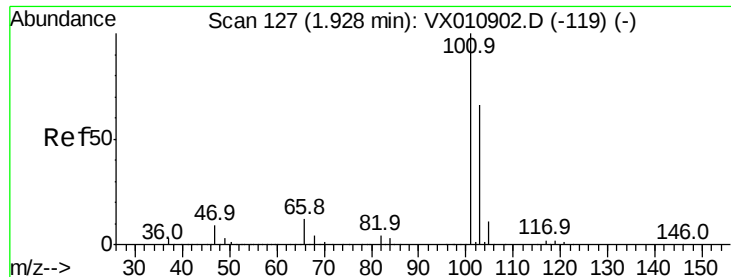
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0

1.65 1.70 1.75 1.80

Time-->





#7

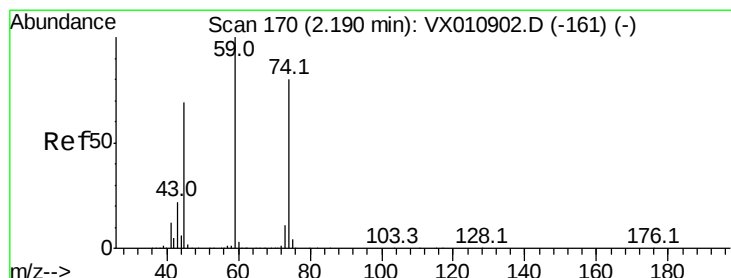
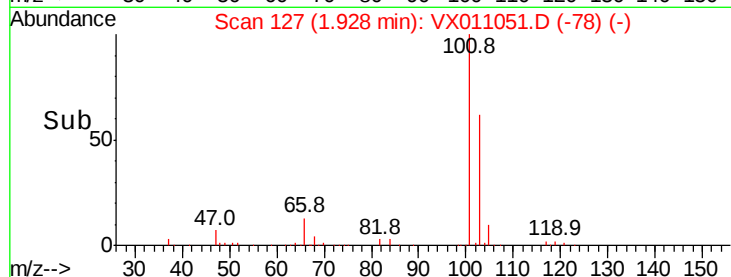
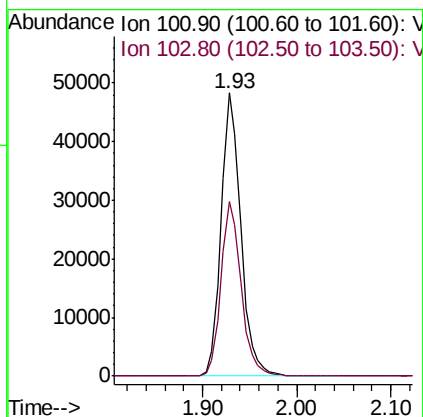
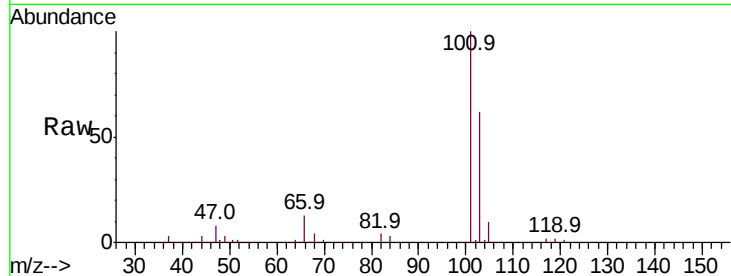
Trichlorofluoromethane
Concen: 19.592 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion:101 Resp: 70332
Ion Ratio Lower Upper
101 100
103 61.5 52.6 78.8

Manual Integrations
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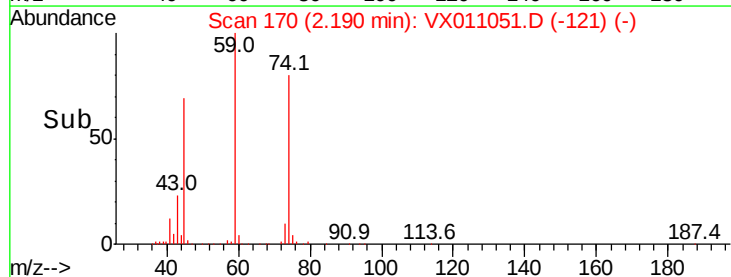
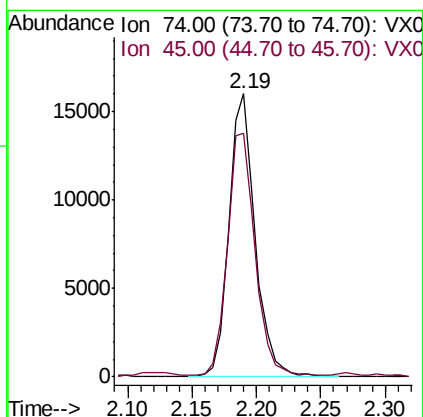
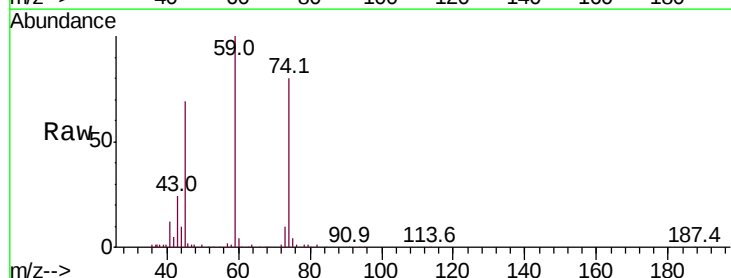
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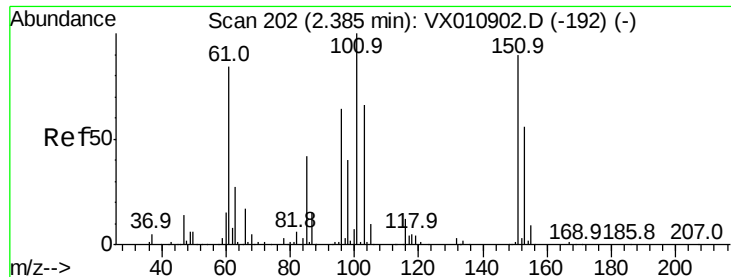


#8

Diethyl Ether
Concen: 18.370 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion: 74 Resp: 22721
Ion Ratio Lower Upper
74 100
45 90.5 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.660 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion:101 Resp: 40298

Ion Ratio Lower Upper

101 100

85 43.0 34.6 52.0

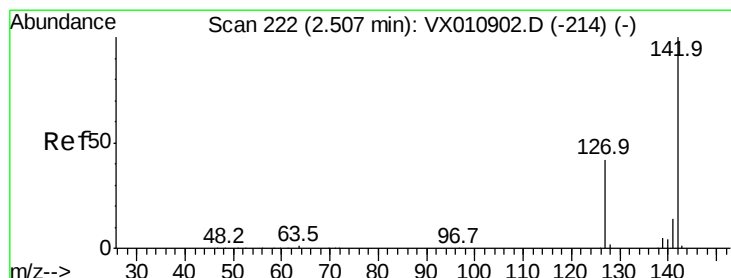
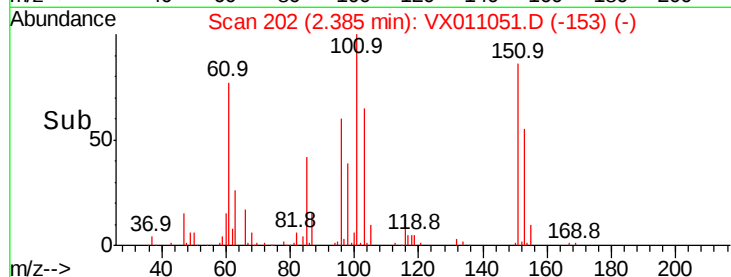
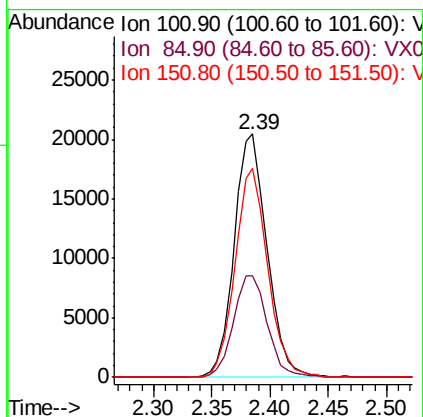
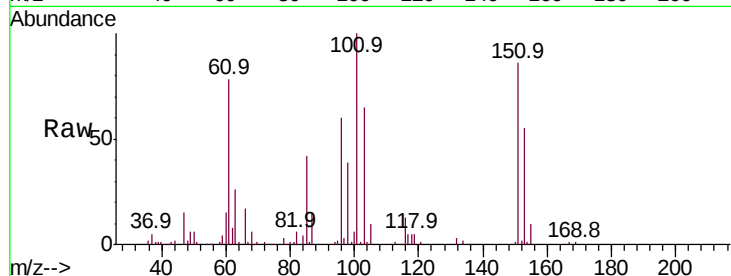
151 85.3 69.6 104.4

Manual Integrations

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#10

Methyl Iodide

Concen: 16.935 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

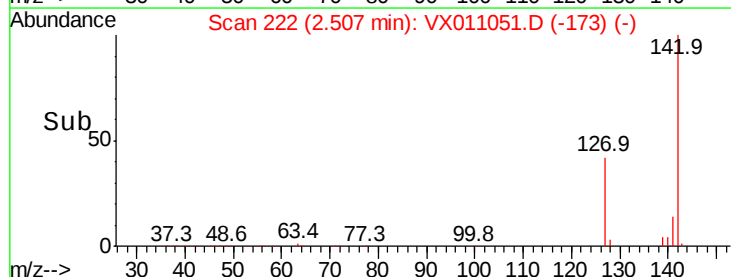
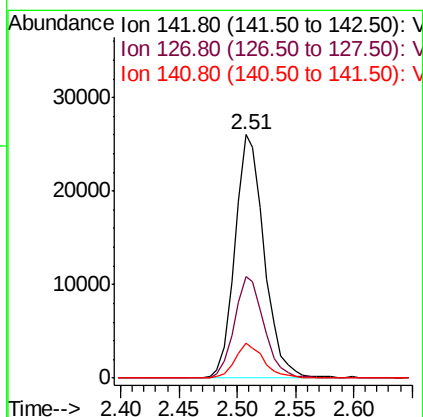
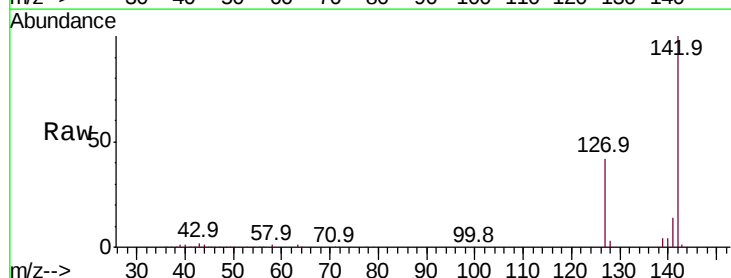
Tgt Ion:142 Resp: 45551

Ion Ratio Lower Upper

142 100

127 42.5 34.2 51.4

141 14.0 11.7 17.5





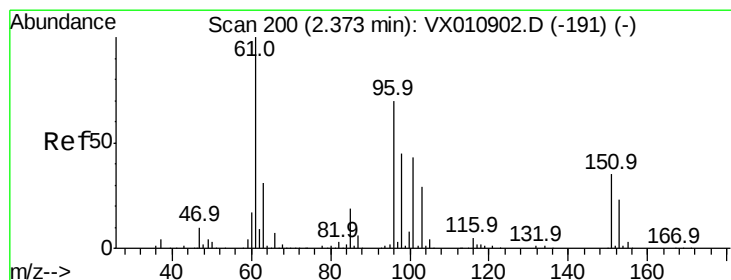
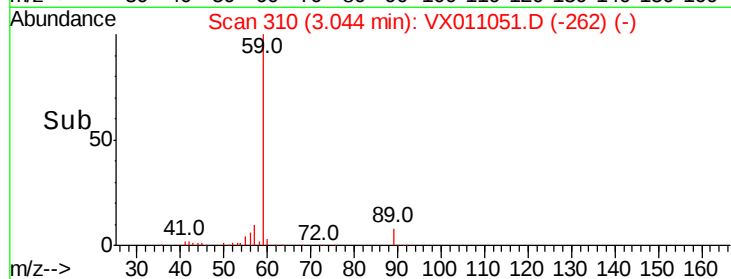
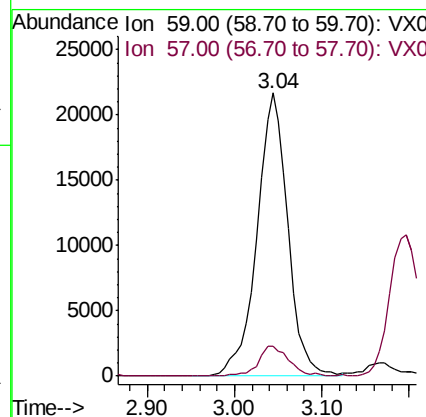
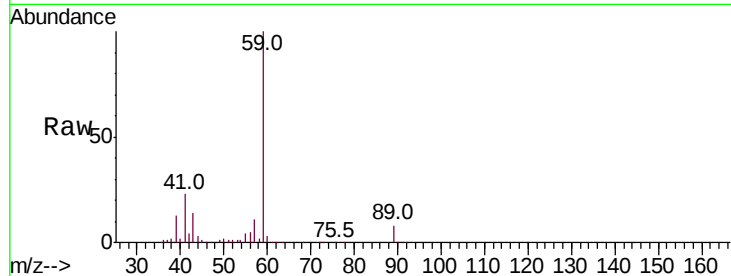
#11
Tert butyl alcohol
Concen: 94.950 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion: 59 Resp: 53188
Ion Ratio Lower Upper
59 100
57 10.5 7.9 11.9

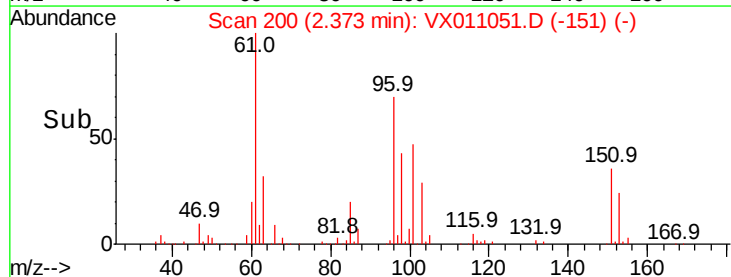
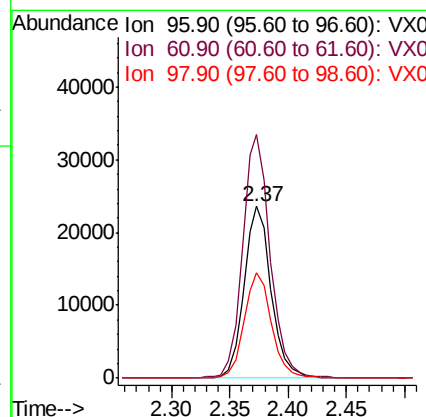
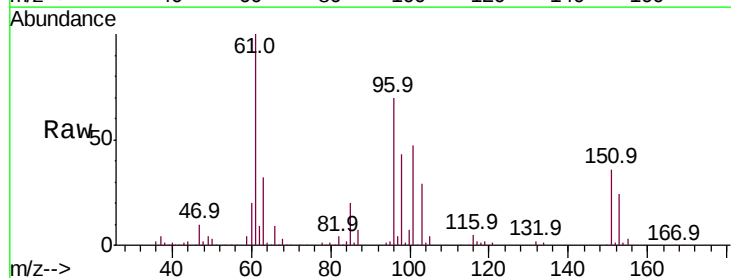
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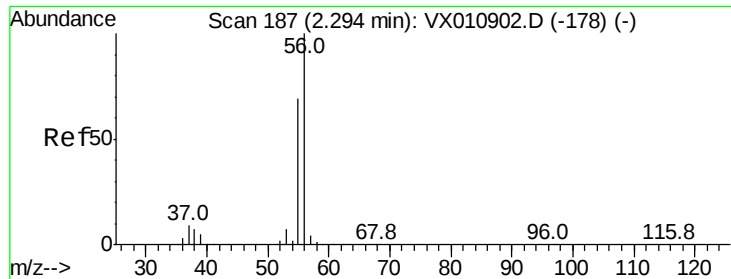
MMDadoda
7/25/2019 3:06:56 PM



#12
1,1-Dichloroethene
Concen: 18.986 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion: 96 Resp: 38236
Ion Ratio Lower Upper
96 100
61 142.0 115.0 172.4
98 61.5 52.2 78.2





#13

Acrolein

Concen: 81.846 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion: 56 Resp: 26489

Ion Ratio Lower Upper

56 100

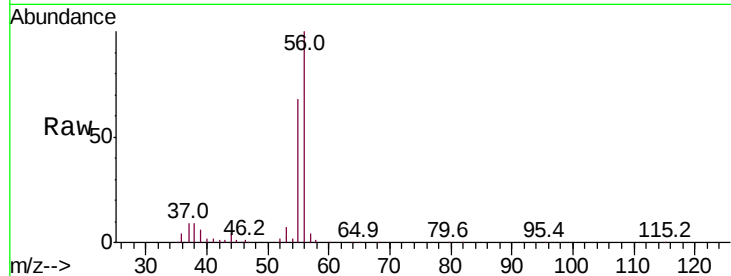
55 69.7 55.9 83.9

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

20000

15000

10000

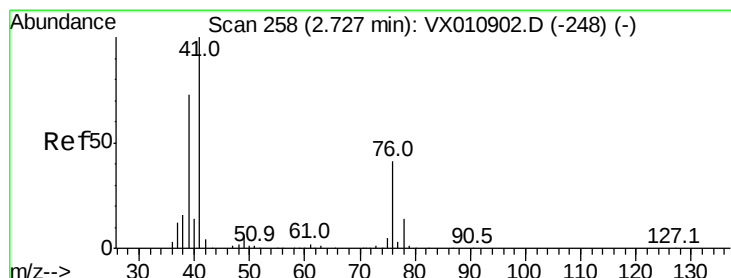
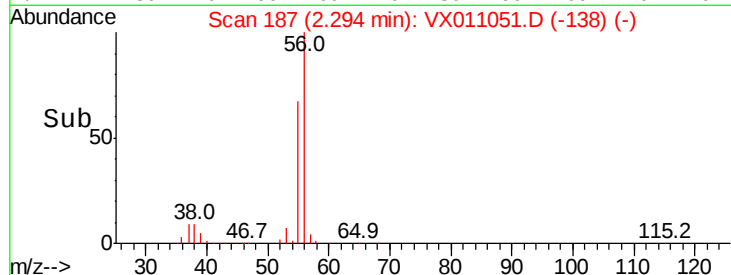
5000

0

Time-->

2.20 2.30 2.40

2.29



#14

Allyl chloride

Concen: 18.511 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

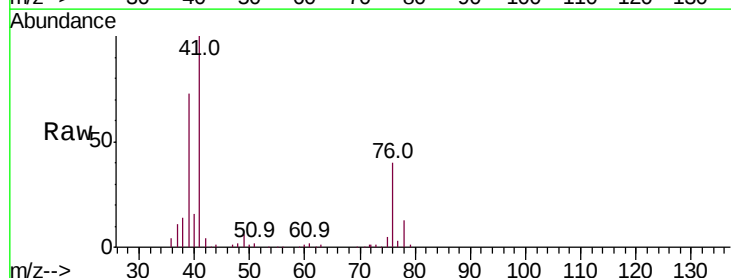
Tgt Ion: 41 Resp: 54150

Ion Ratio Lower Upper

41 100

39 67.3 53.6 80.4

76 37.1 29.7 44.5



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

40000

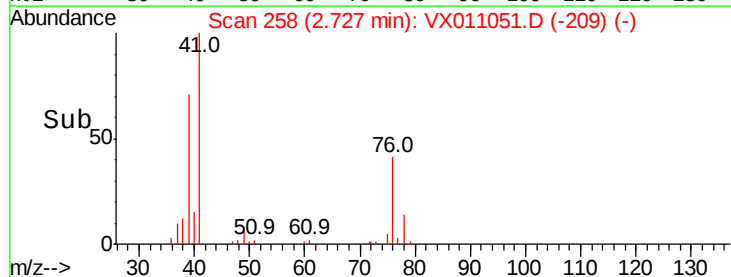
20000

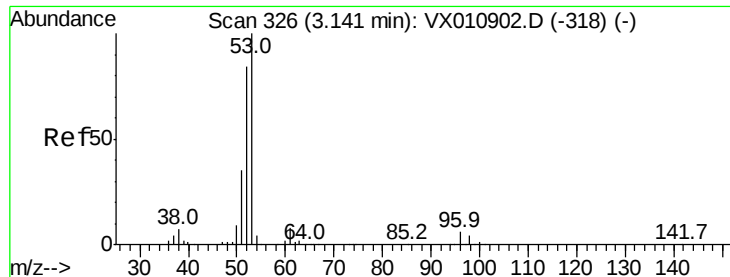
0

Time-->

2.60 2.70 2.80

2.73





#15

Acrylonitrile

Concen: 93.896 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

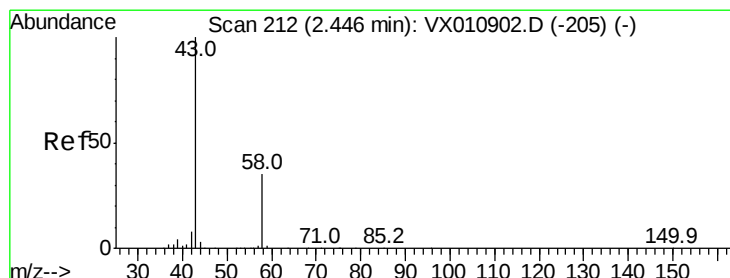
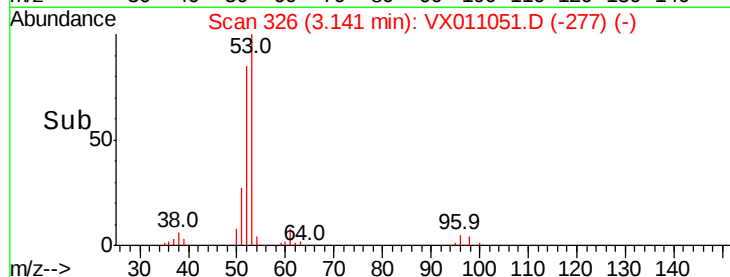
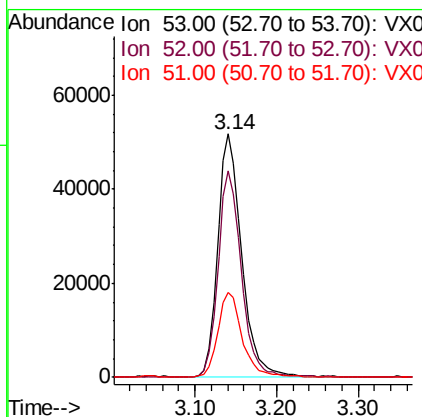
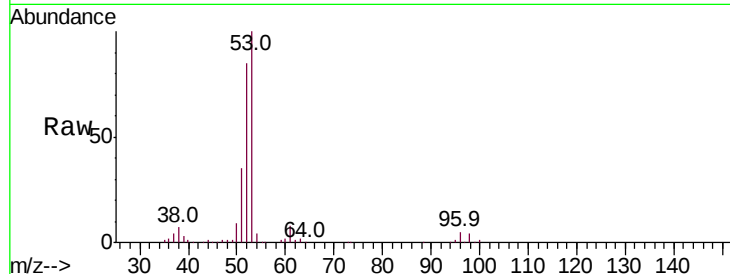
ClientSampleId :

VX0723WBS01

Tot Ion:	53	Resp:	106283
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.5	99.7
51	35.7	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 94.559 ug/l

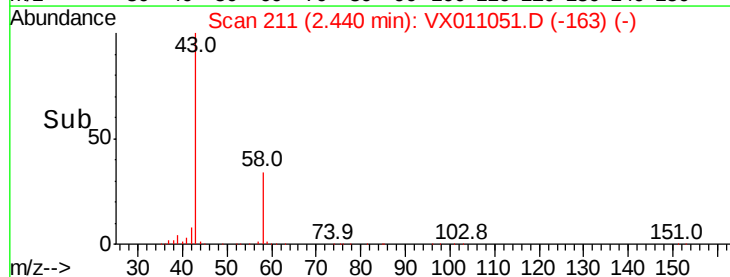
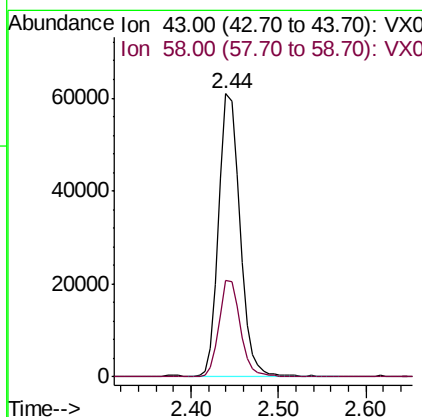
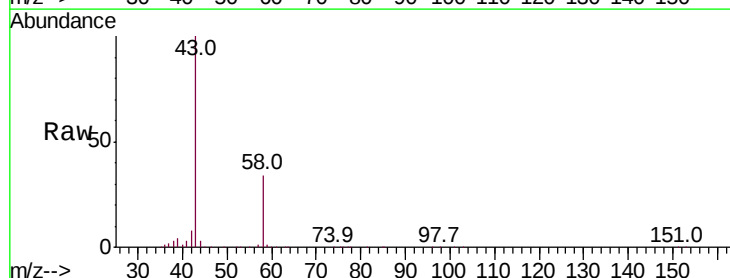
RT: 2.44 min Scan# 211

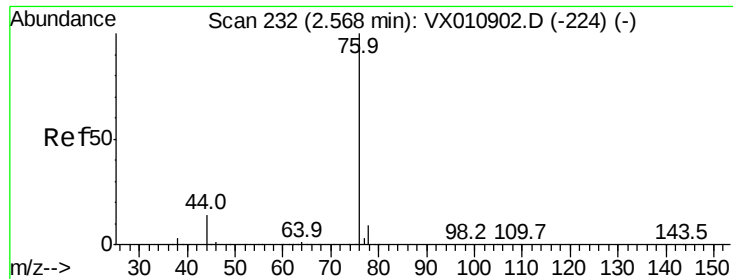
Delta R.T. -0.01 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Tgt Ion:	43	Resp:	102723
Ion Ratio	Lower	Upper	
43	100		
58	34.2	27.7	41.5





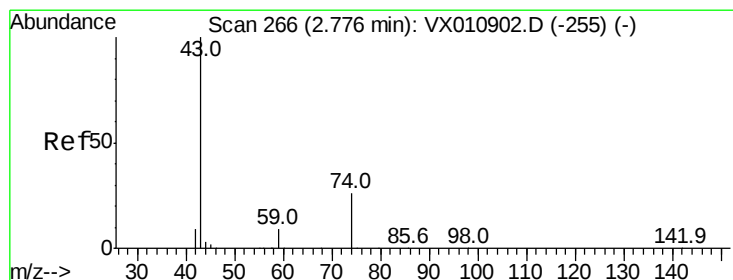
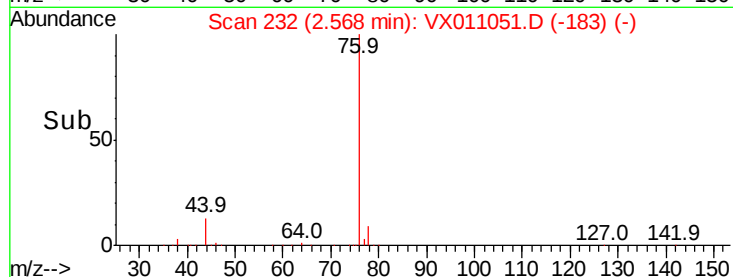
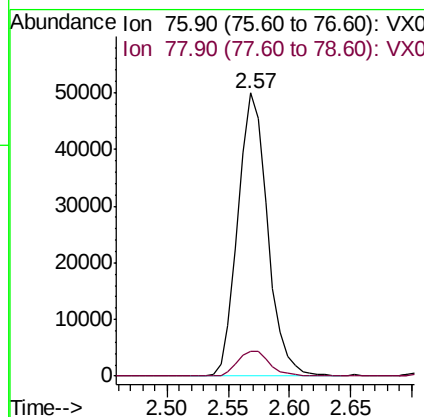
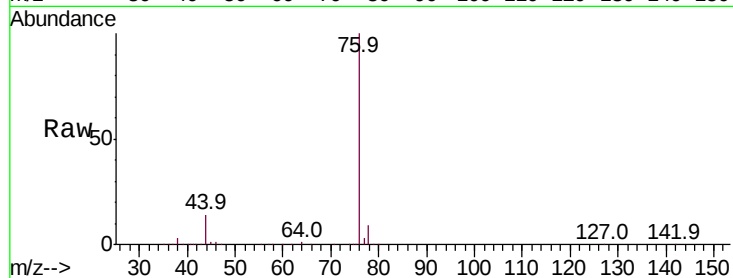
#17
Carbon Disulfide
Concen: 16.301 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.0

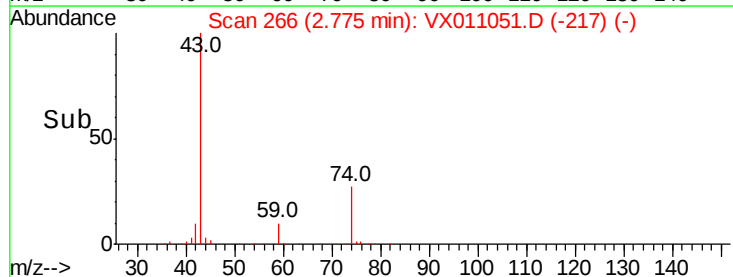
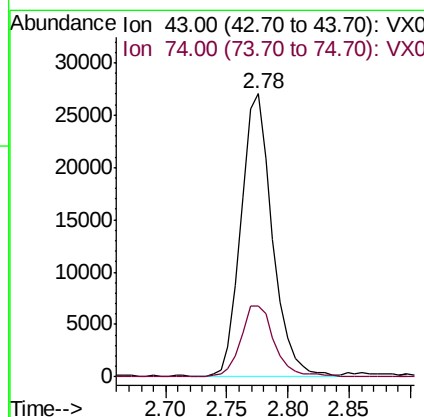
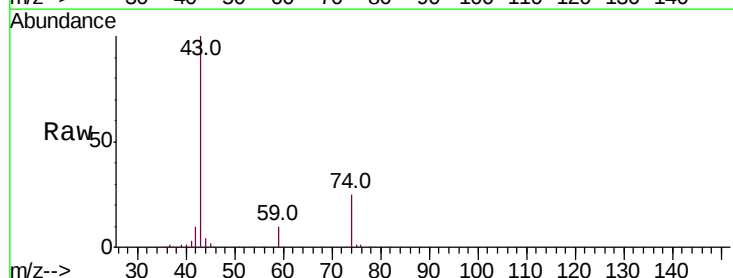
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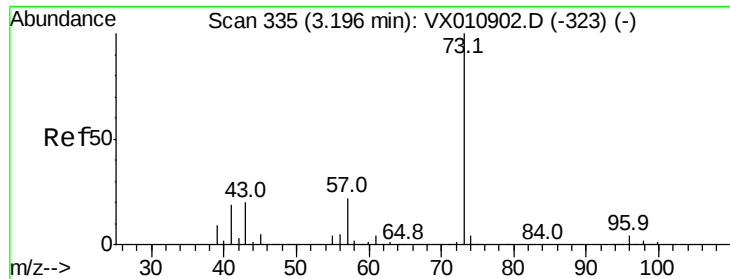
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#18
Methyl Acetate
Concen: 19.278 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.4	21.5	32.3





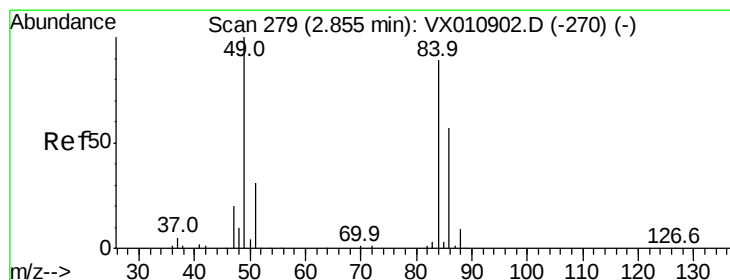
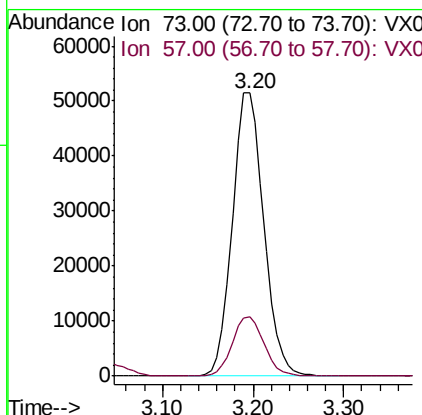
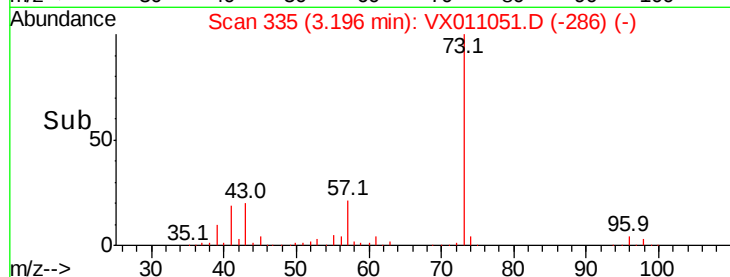
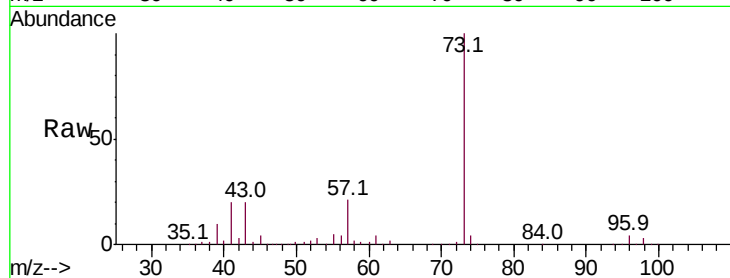
#19
Methvl tert-butvl Ether
Concen: 19.071 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion: 73 Resp: 123639
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

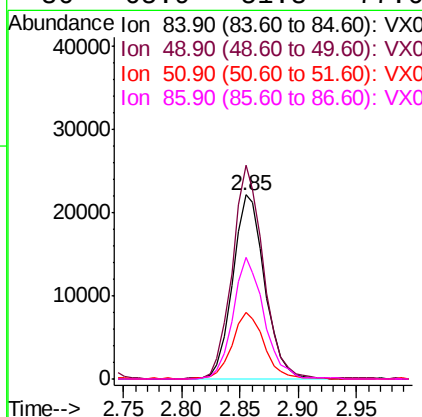
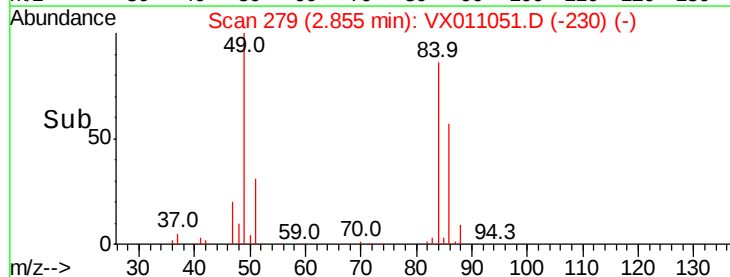
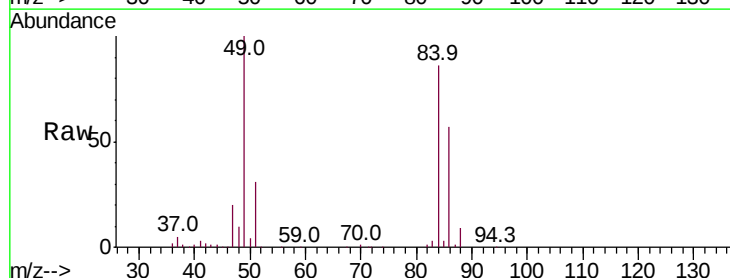
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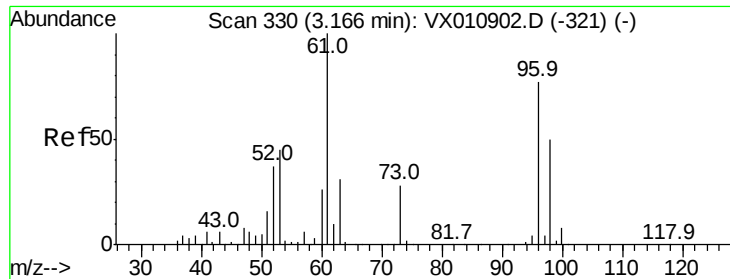
MMDadoda
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#20
Methylene Chloride
Concen: 18.437 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion: 84 Resp: 42446
Ion Ratio Lower Upper
84 100
49 115.6 89.9 134.9
51 36.2 27.8 41.6
86 65.9 51.8 77.6





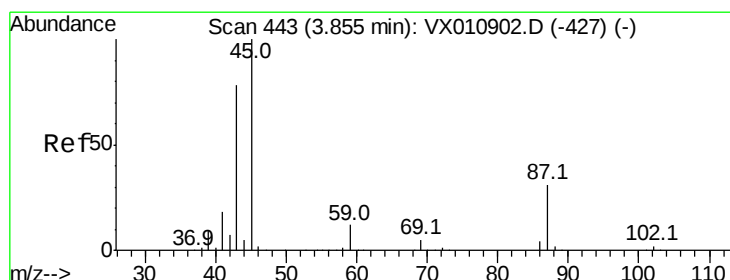
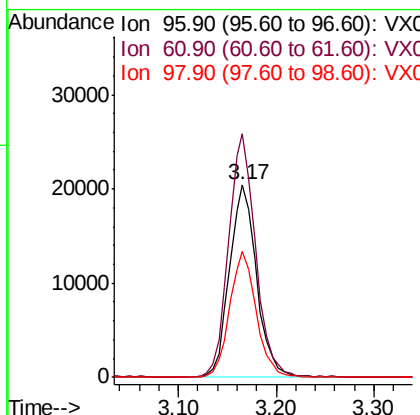
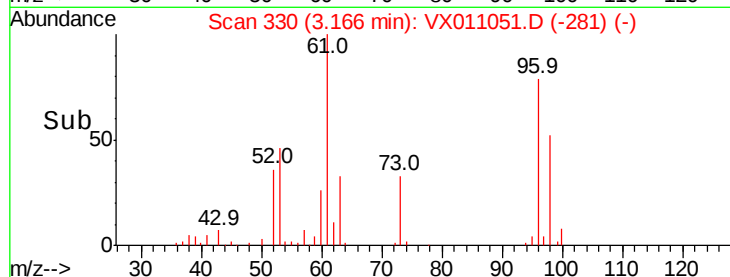
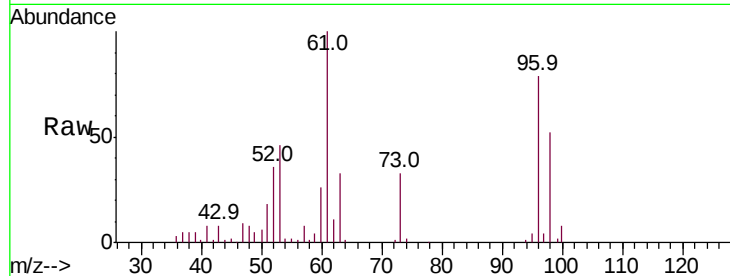
#21
trans-1,2-Dichloroethene
Concen: 18.409 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.2	104.2	156.2
98	65.0	52.2	78.4

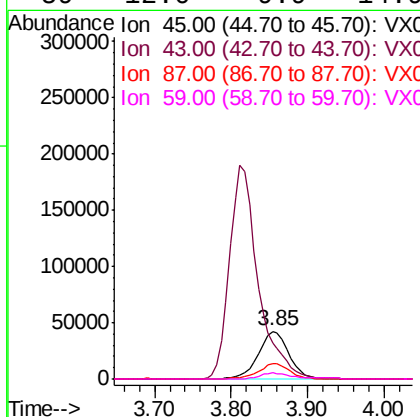
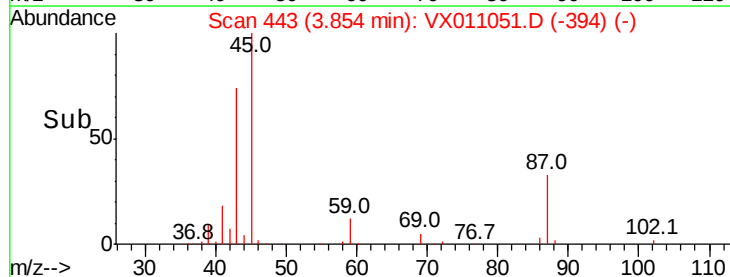
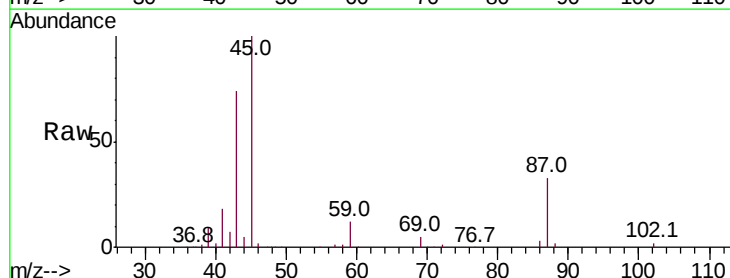
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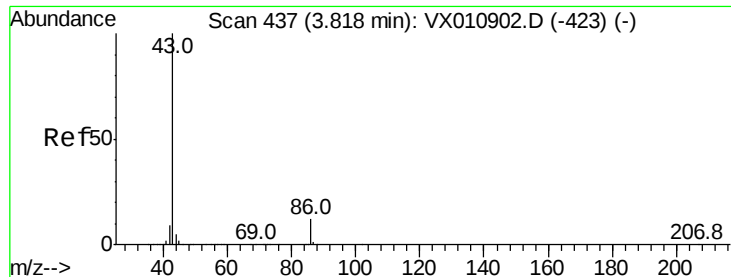
MMDadoda
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#22
Diisopropyl ether
Concen: 18.934 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion	Ratio	Lower	Upper
45	100		
43	73.4	62.3	93.5
87	33.3	25.0	37.4
59	12.0	9.9	14.9





#23

Vinyl Acetate

Concen: 94.508 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion: 43 Resp: 494027

Ion Ratio Lower Upper

43 100

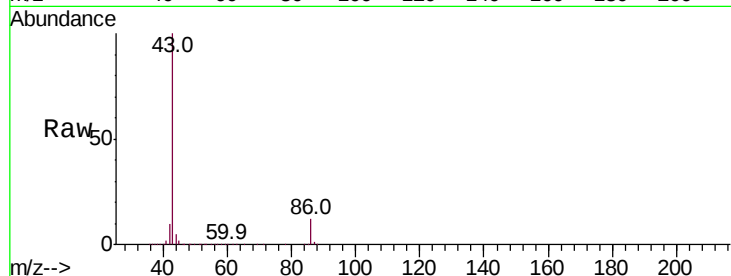
86 11.7 9.4 14.0

Manual Integrations

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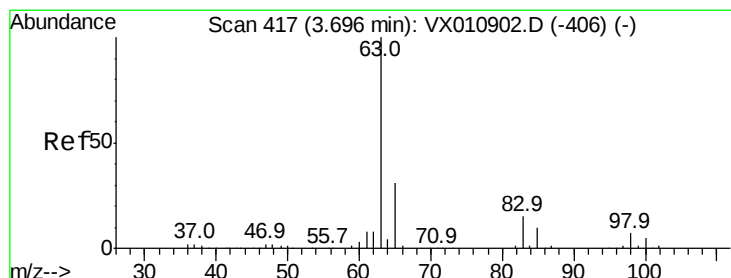
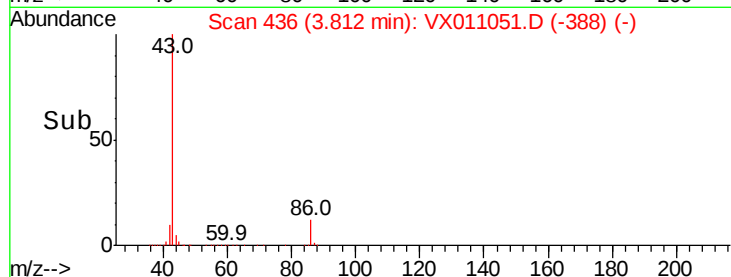
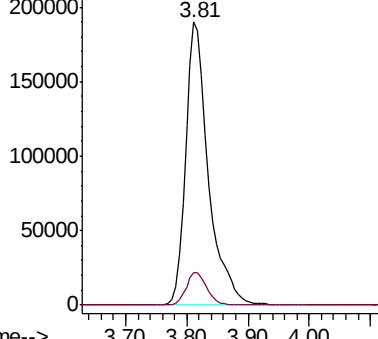
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.886 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

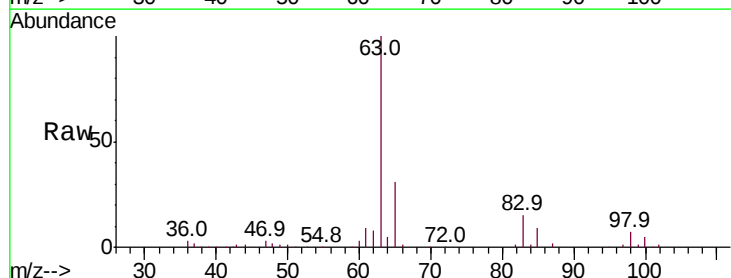
Tgt Ion: 63 Resp: 67667

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.9

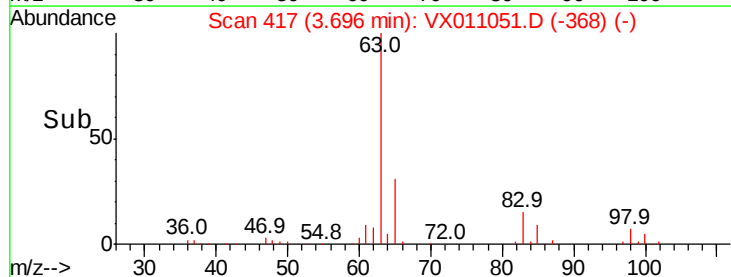
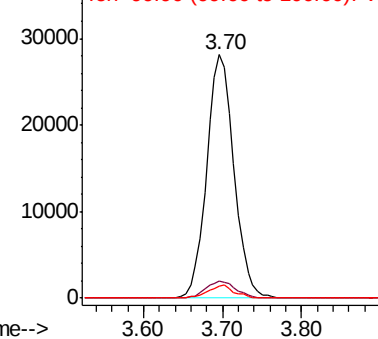
100 4.8 2.4 7.2

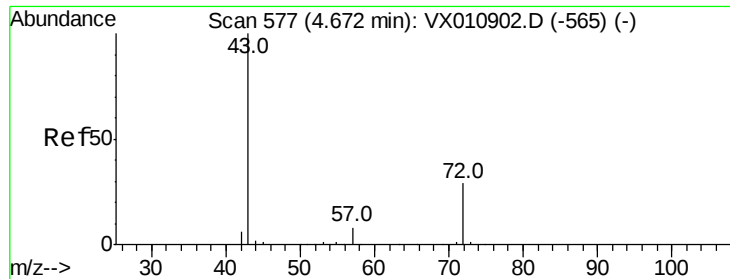


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.109 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion: 43 Resp: 149875

Ion Ratio Lower Upper

43 100

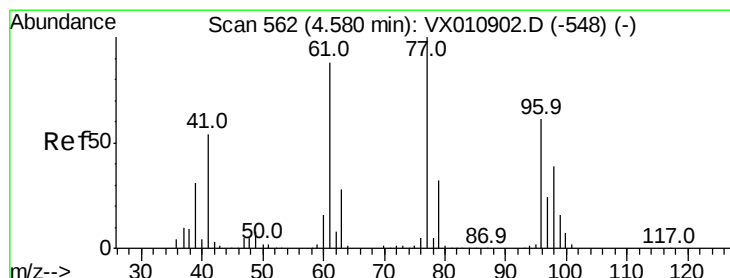
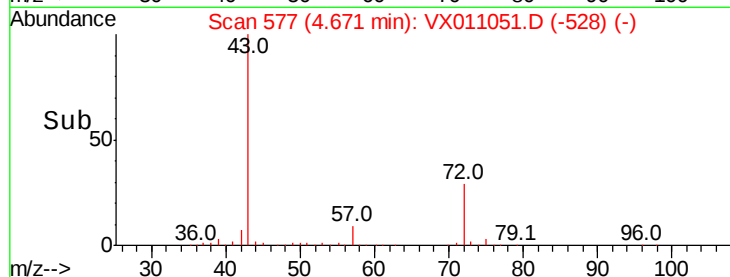
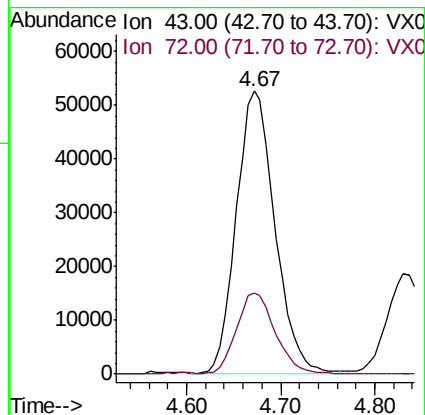
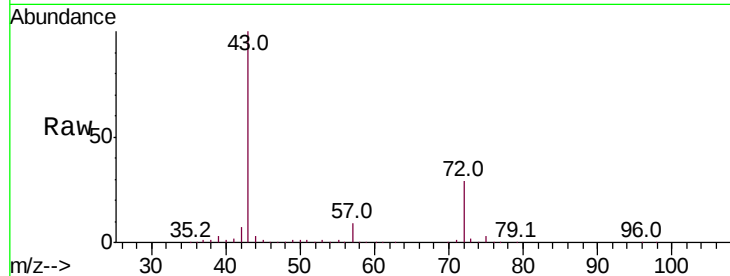
72 28.5 23.0 34.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.580 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX011051.D

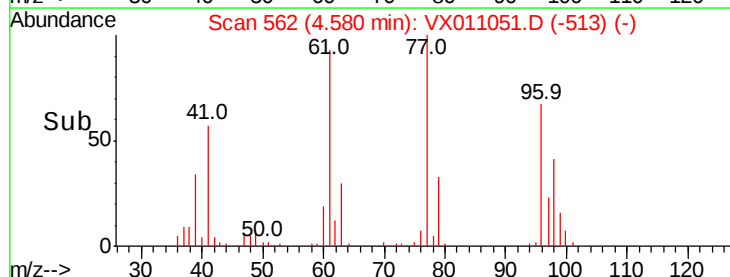
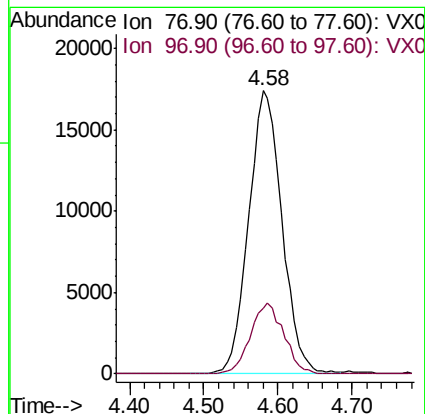
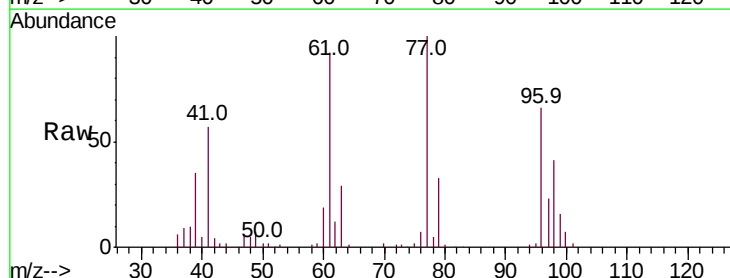
Acq: 23 Jul 2019 11:43

Tgt Ion: 77 Resp: 54660

Ion Ratio Lower Upper

77 100

97 25.1 12.6 37.6





#27

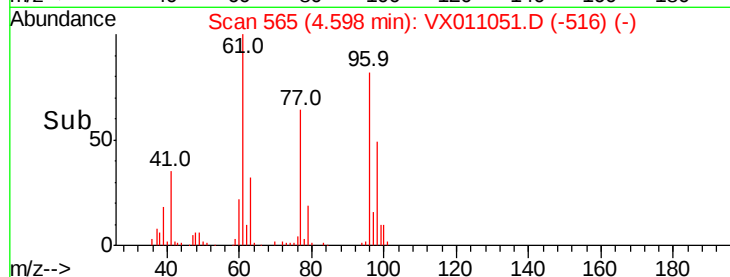
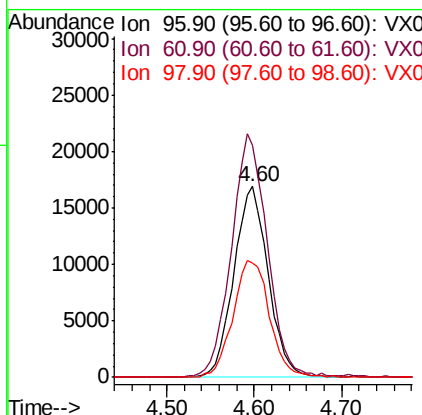
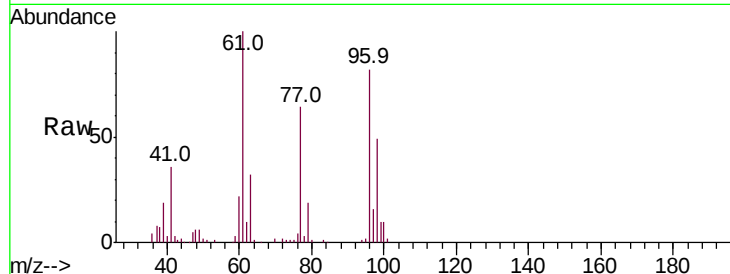
cis-1,2-Dichloroethene
 Concen: 18.673 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.7	0.0	269.0
98	64.9	0.0	131.4

Manual Integrations
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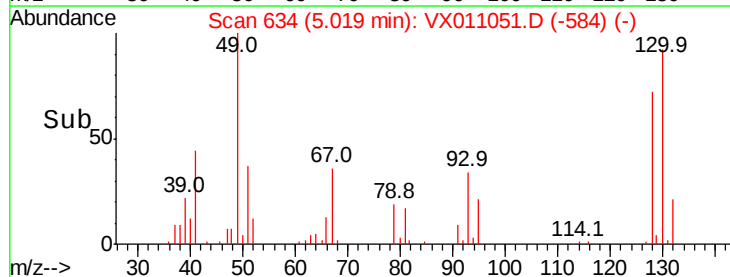
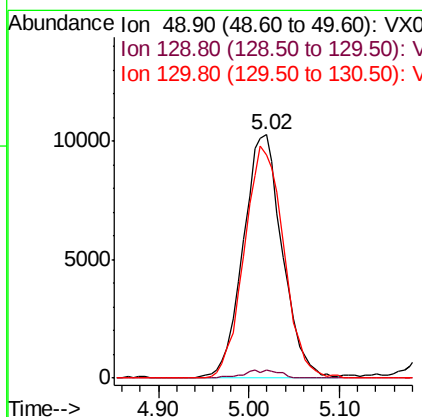
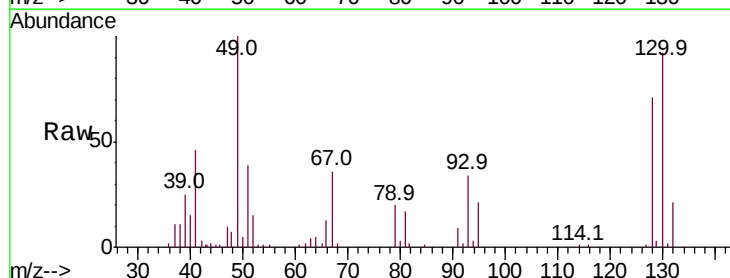
MMDadoda
 7/25/2019 3:06:56 PM

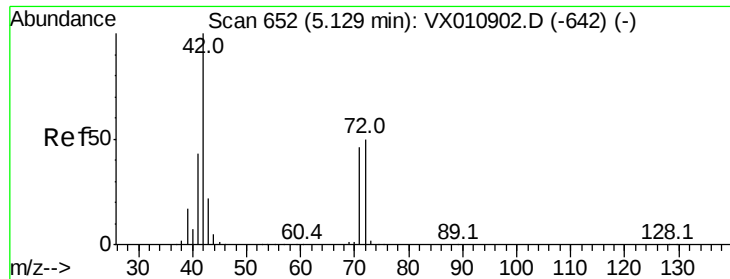


#28

Bromochloromethane
 Concen: 18.229 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	5.2
130	95.5	76.9	115.3





#29

Tetrahydrofuran

Concen: 93.853 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

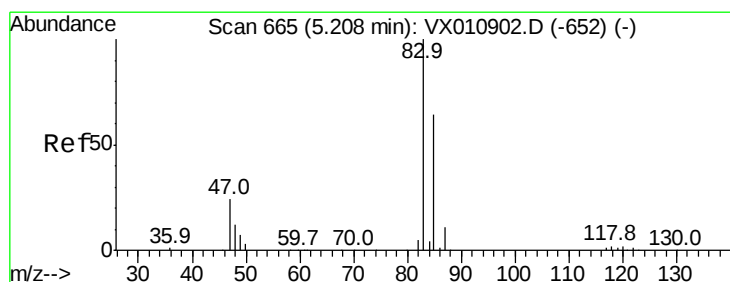
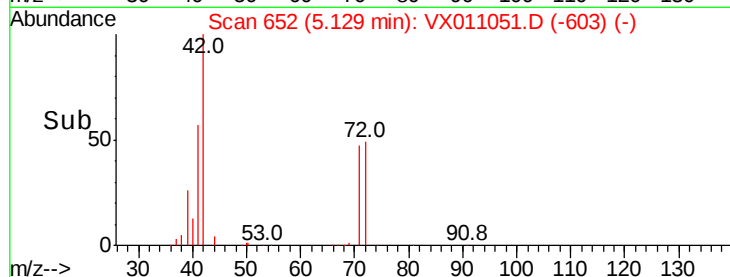
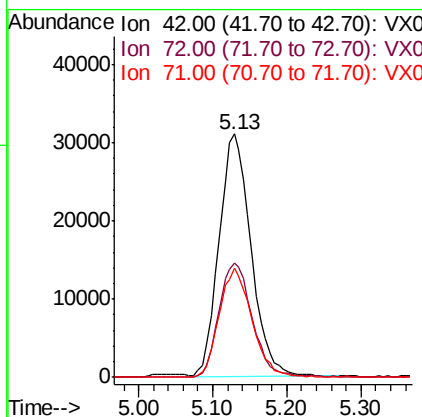
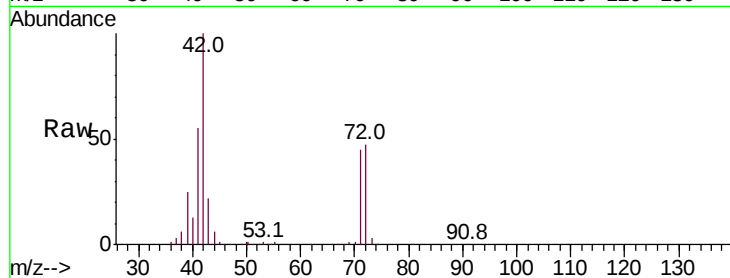
ClientSampleId :

VX0723WBS01

Tot Ion:	42	Resp:	92709
Ion Ratio	Lower	Upper	
42	100		
72	49.3	39.8	59.8
71	45.9	37.0	55.4

Manual Integrations
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#30

Chloroform

Concen: 18.760 ug/l

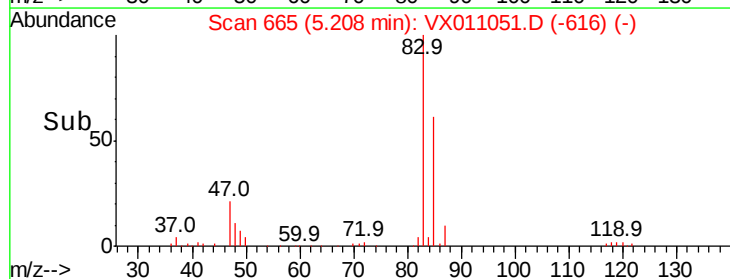
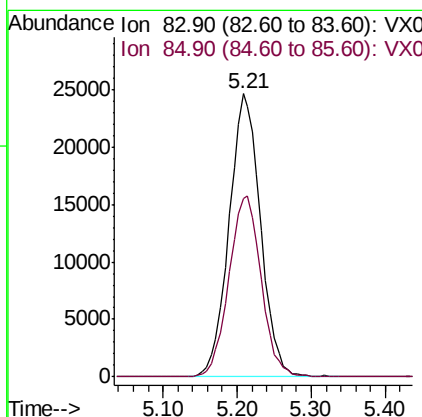
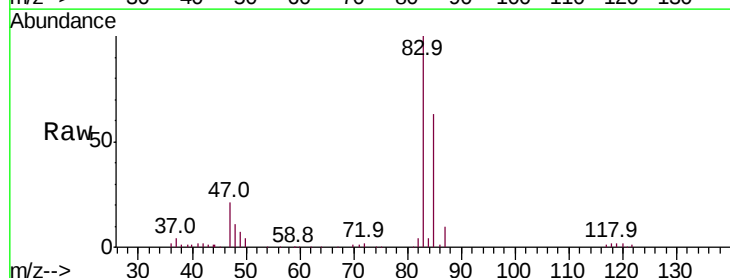
RT: 5.21 min Scan# 665

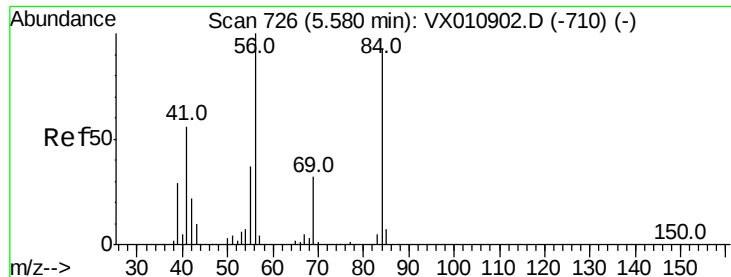
Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Tgt Ion:	83	Resp:	72654
Ion Ratio	Lower	Upper	
83	100		
85	62.9	51.4	77.0





#31

Cyclohexane

Concen: 18.518 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

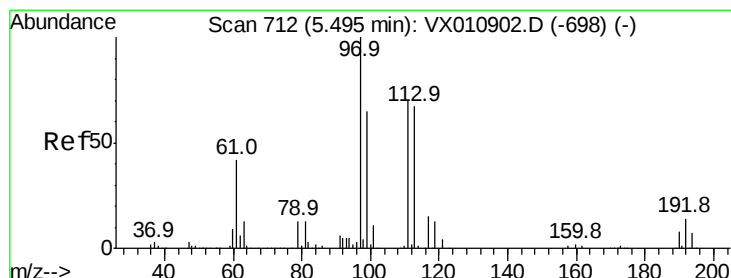
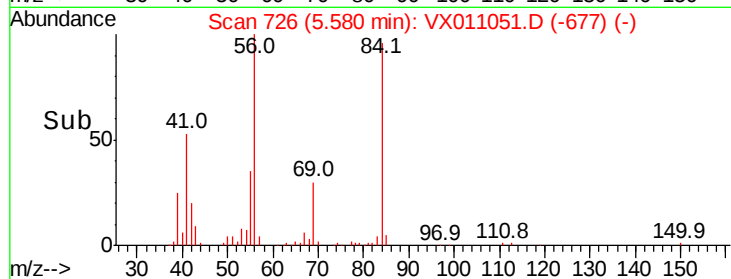
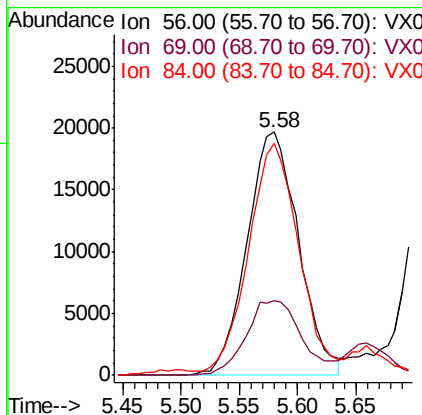
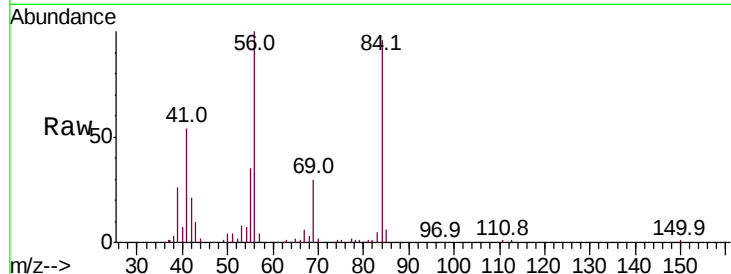
ClientSampled :

VX0723WBS01

Tot Ion:	56	Resp:	60475
Ion Ratio	Lower	Upper	
56	100		
69	30.0	25.8	38.8
84	93.5	73.8	110.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.716 ug/l

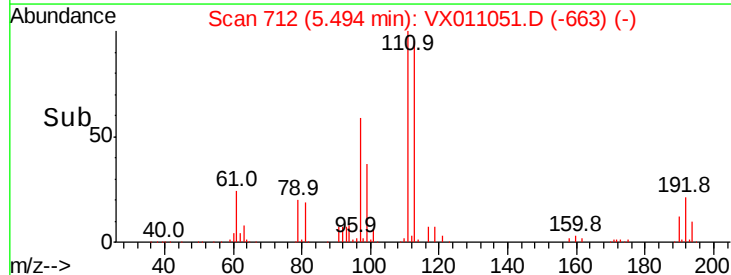
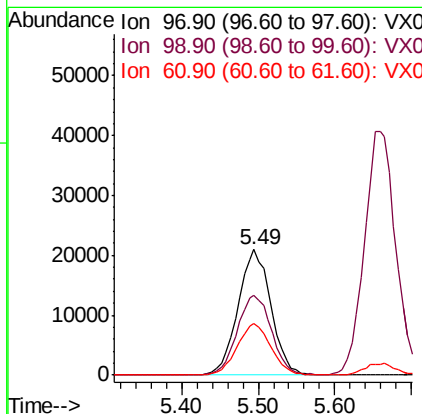
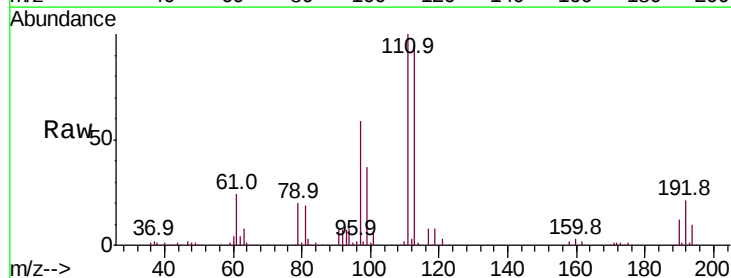
RT: 5.49 min Scan# 712

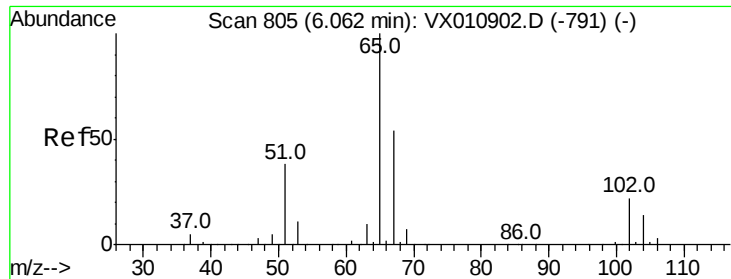
Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Tgt Ion:	97	Resp:	62710
Ion Ratio	Lower	Upper	
97	100		
99	65.9	51.4	77.0
61	42.3	33.0	49.6





#33

1,2-Dichloroethane-d4

Concen: 46.684 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion: 65 Resp: 112289

Ion Ratio Lower Upper

65 100

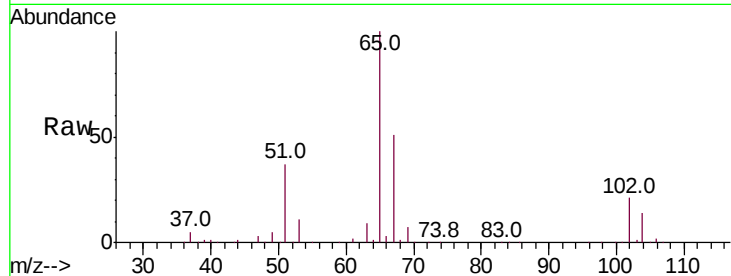
67 52.9 0.0 107.8

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

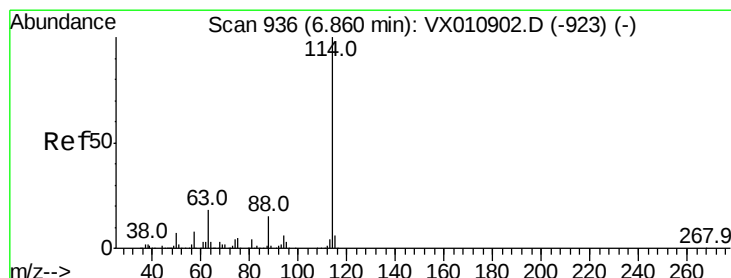
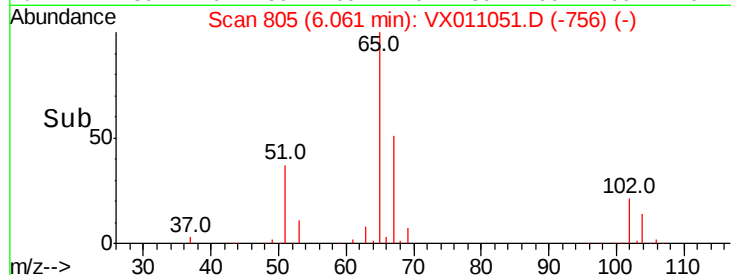
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

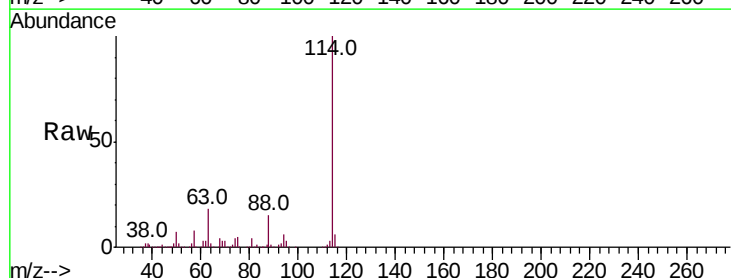
Tgt Ion:114 Resp: 331153

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

88 14.7 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

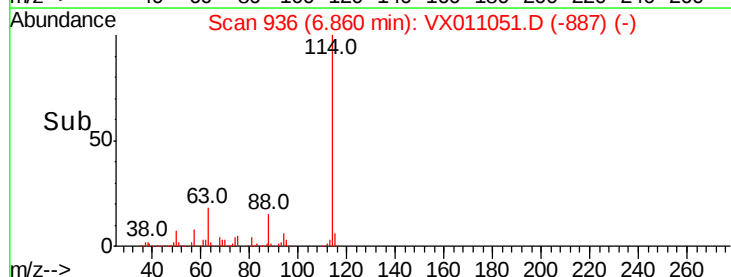
150000

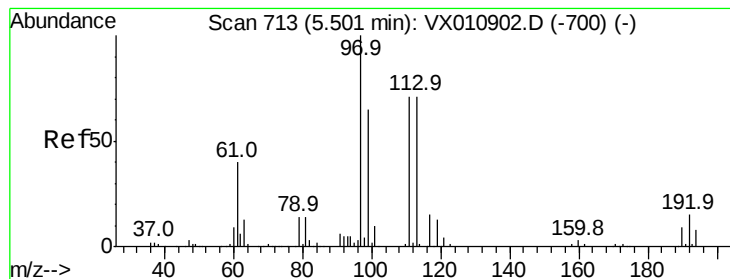
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.664 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

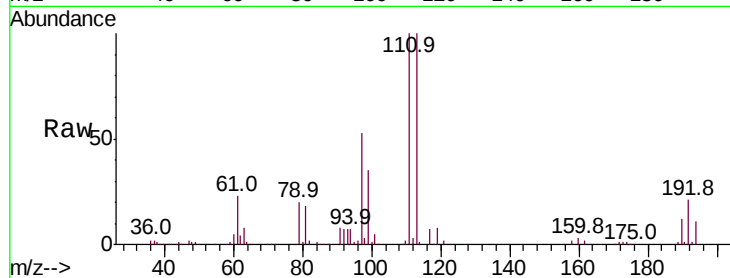
ClientSampleId :

VX0723WBS01

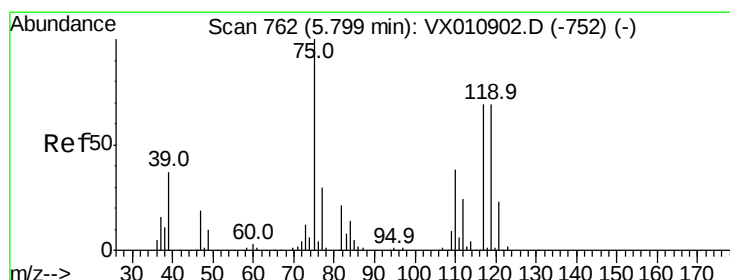
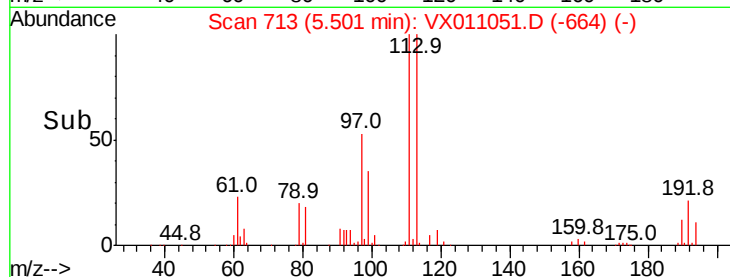
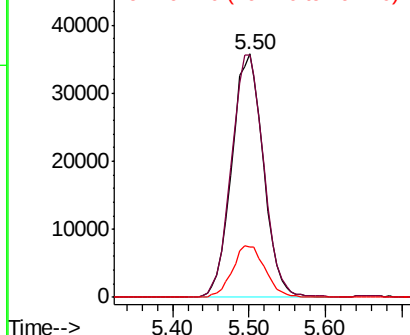
Tot Ion:	113	Resp:	102286
Ion Ratio	Lower	Upper	
113	100		
111	101.5	82.3	123.5
192	21.9	17.4	26.2

Manual Integrations
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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.169 ug/l

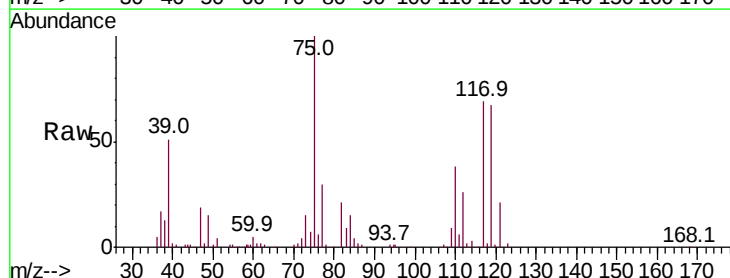
RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

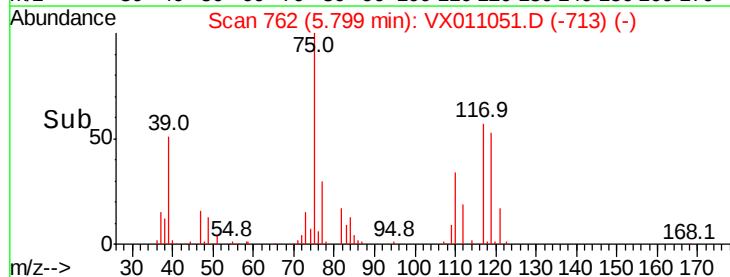
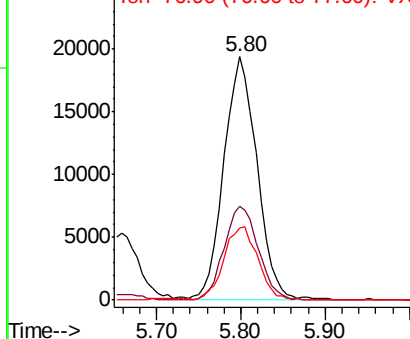
Lab File: VX011051.D

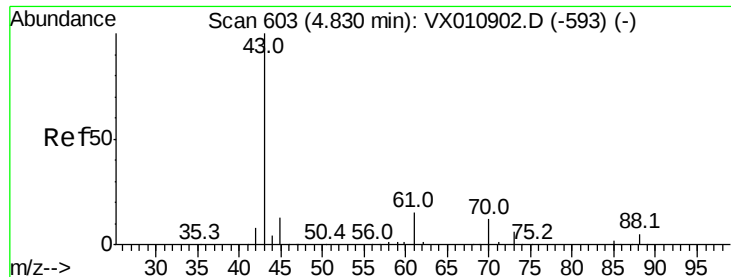
Acq: 23 Jul 2019 11:43

Tgt Ion:	75	Resp:	52141
Ion Ratio	Lower	Upper	
75	100		
110	39.8	19.9	59.7
77	31.2	25.0	37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





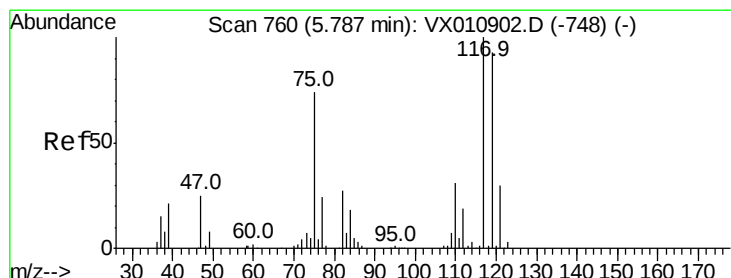
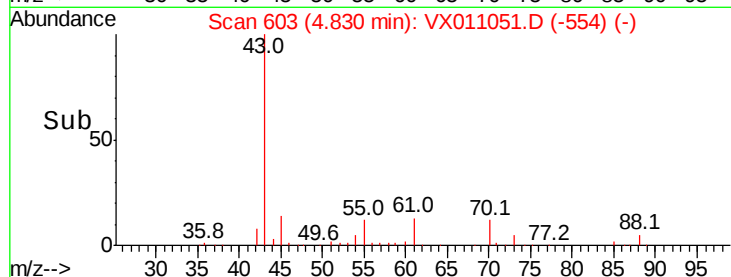
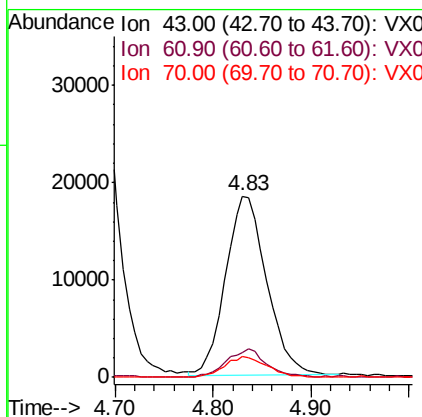
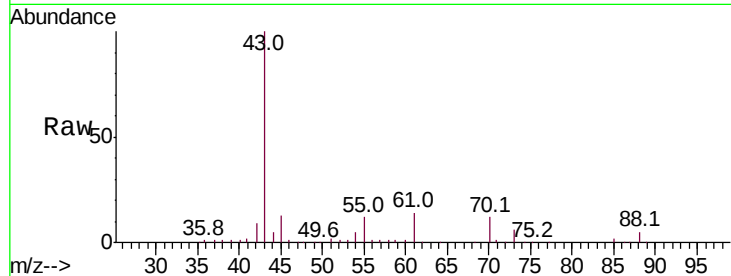
#37
Ethyl Acetate
Concen: 19.276 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.6	17.4
70	12.1	9.1	13.7

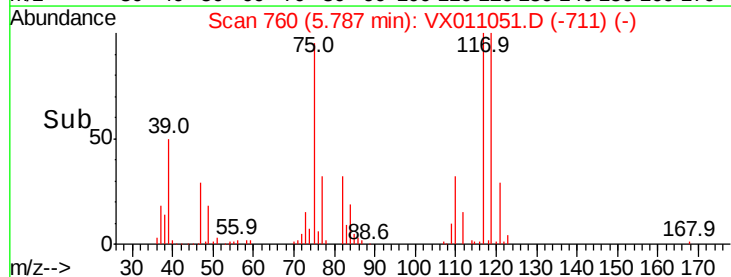
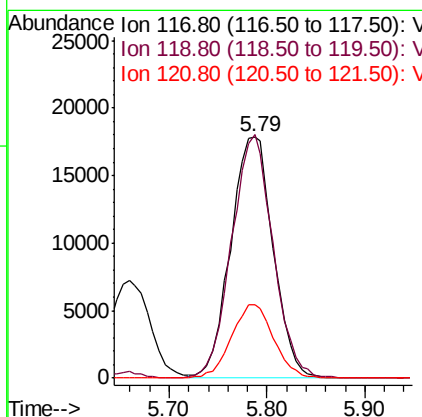
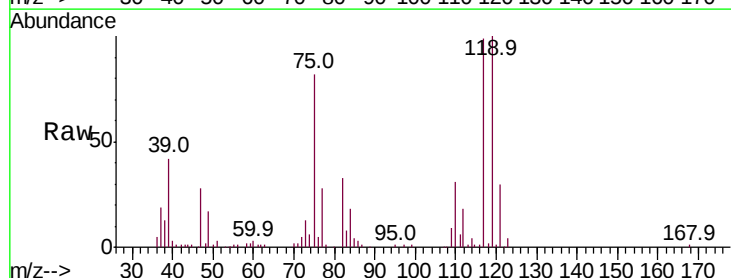
Manual Integrations
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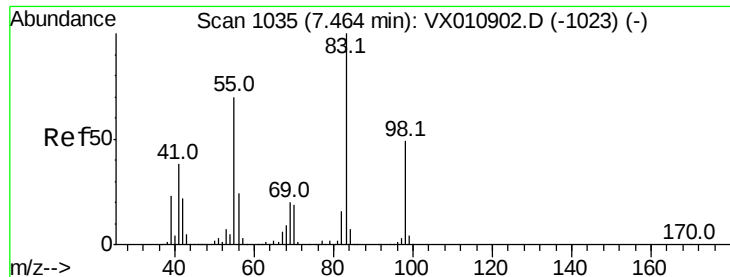
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.958 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.9	74.2	111.2
121	30.3	24.2	36.2





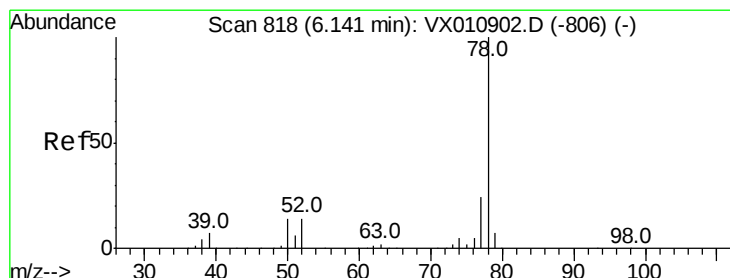
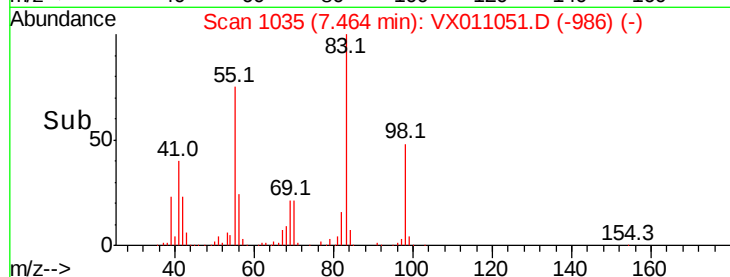
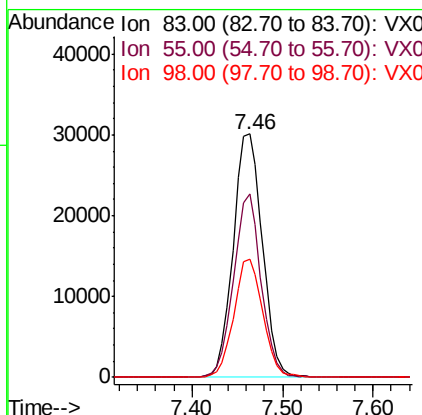
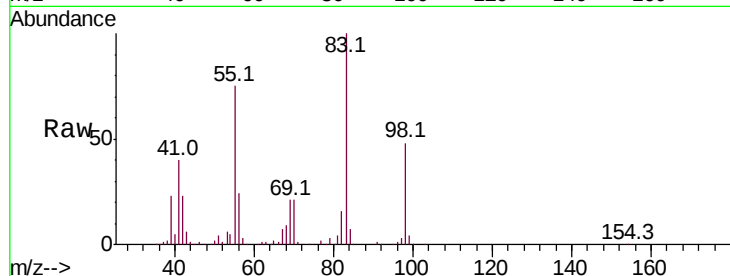
#39
Methvlcvclohexane
Concen: 19.047 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.1	56.2	84.4
98	48.4	39.0	58.4

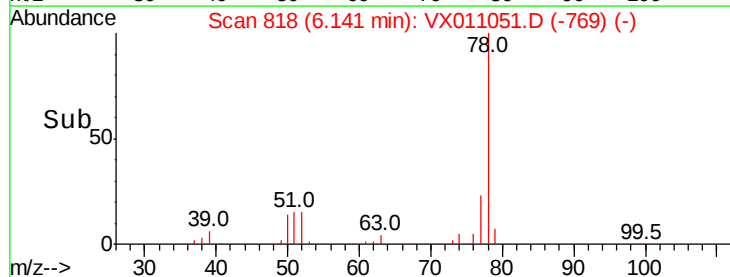
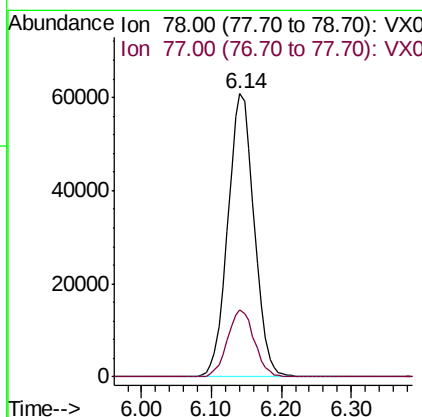
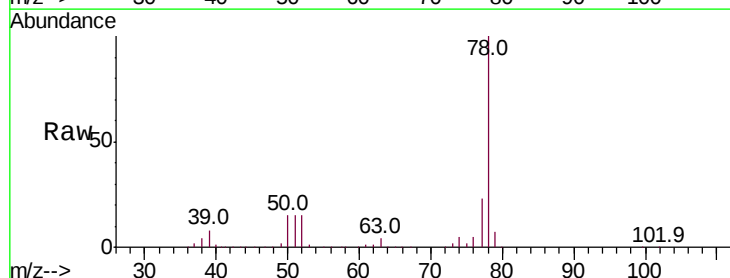
Manual Integrations
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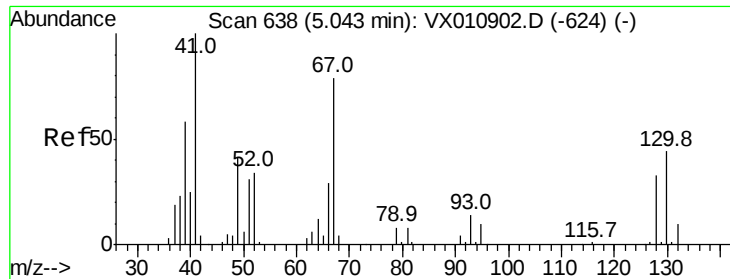
MMDadoda
7/25/2019 3:06:56 PM



#40
Benzene
Concen: 19.053 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.6





#41

Methacrylonitrile

Concen: 18.529 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX011051.D

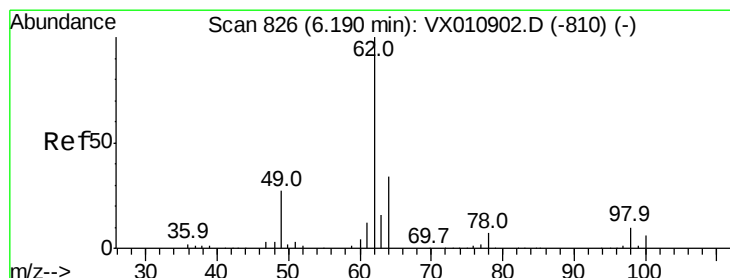
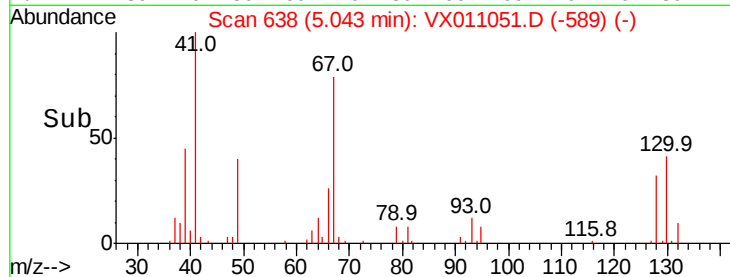
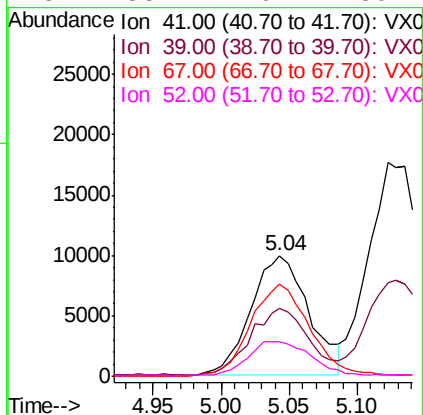
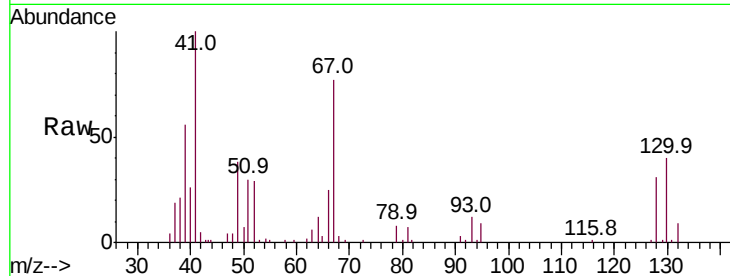
Acq: 23 Jul 2019 11:43

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.3	45.4	68.2	
67	79.5	65.9	98.9	
52	33.1	26.2	39.2	

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Manual Integrations
APPROVED

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7/25/2019 3:06:56 PM



#42

1,2-Dichloroethane

Concen: 19.544 ug/l

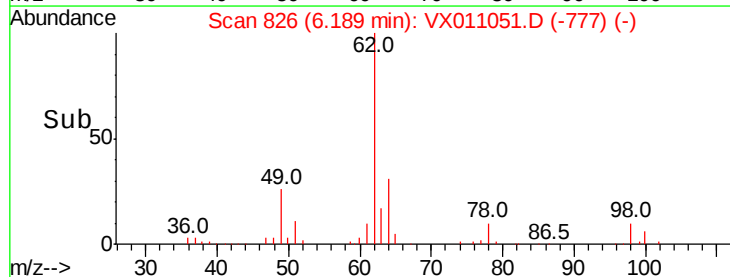
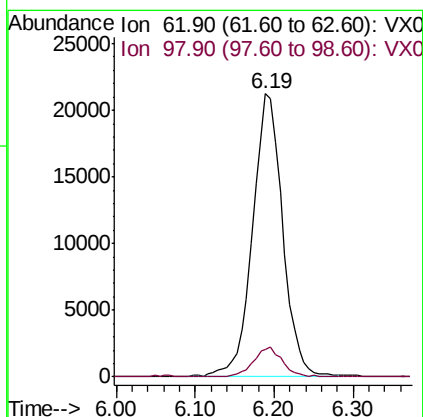
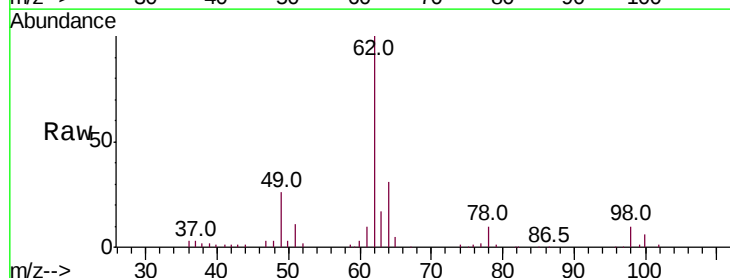
RT: 6.19 min Scan# 826

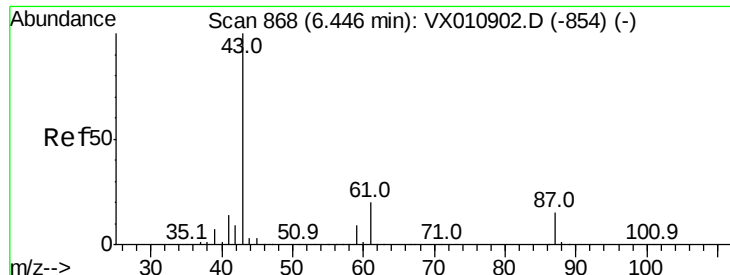
Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	20.0	





#43

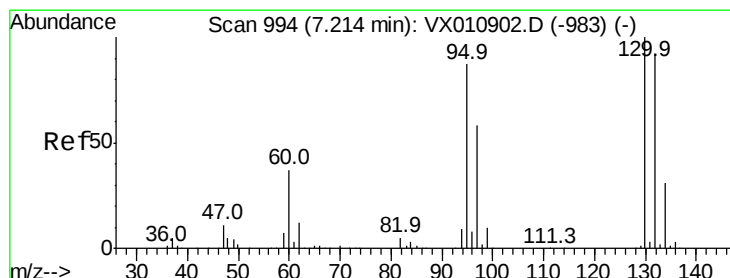
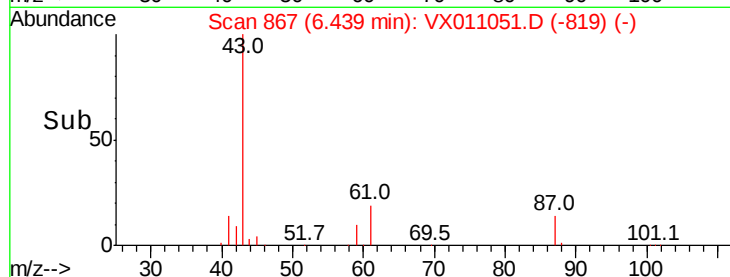
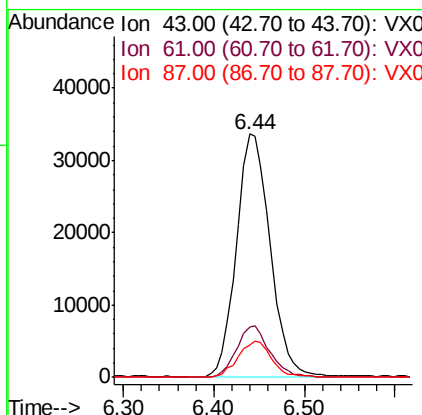
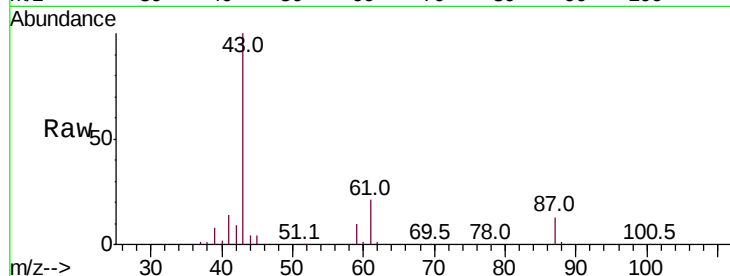
Isopropyl Acetate
 Concen: 18.890 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.1	25.7
87	15.0	12.0	18.0

Manual Integrations
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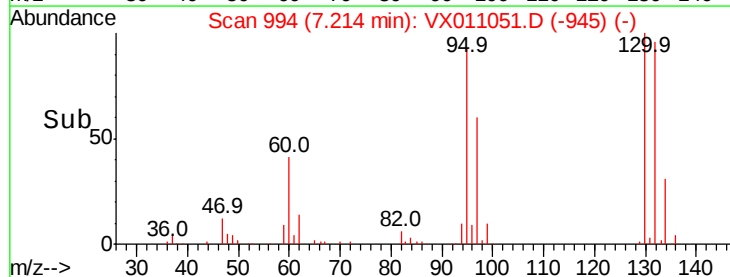
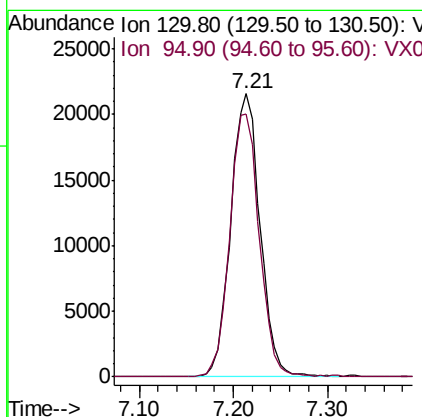
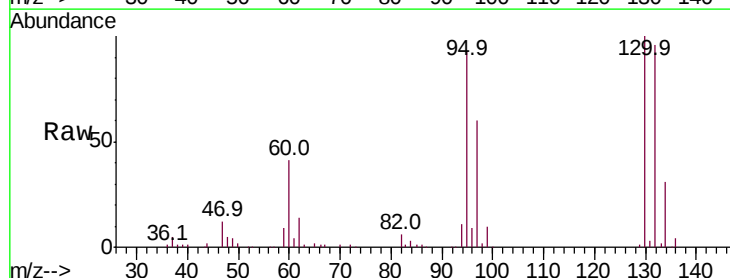
MMDadoda
 7/25/2019 3:06:56 PM

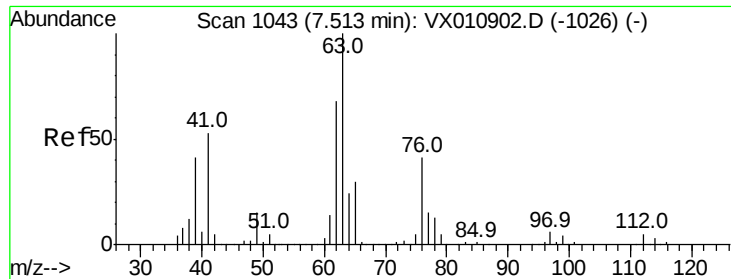


#44

Trichloroethene
 Concen: 18.933 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	174.8





#45

1,2-Dichloropropane

Concen: 19.219 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion: 63 Resp: 40759

Ion Ratio Lower Upper

63 100

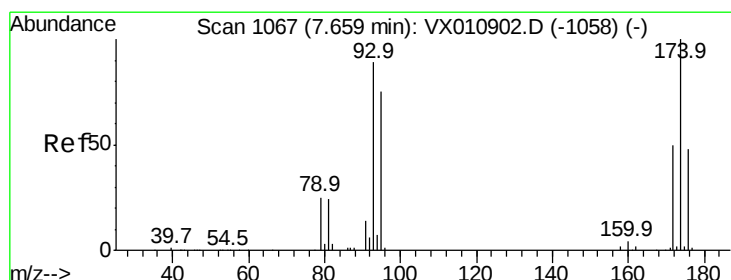
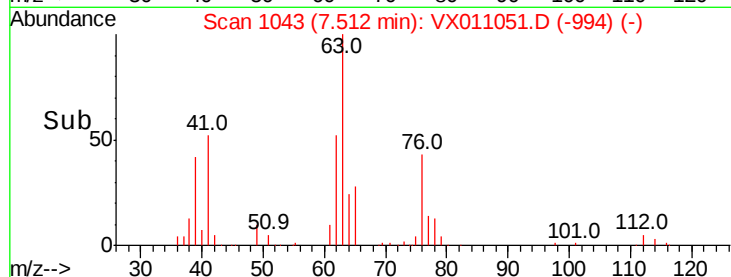
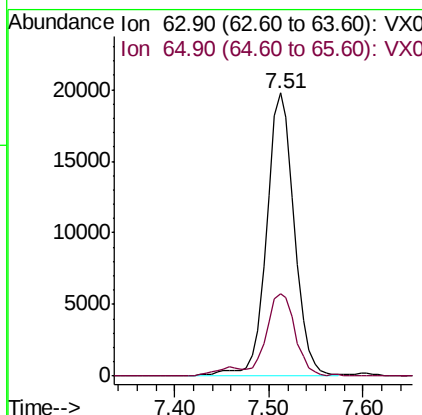
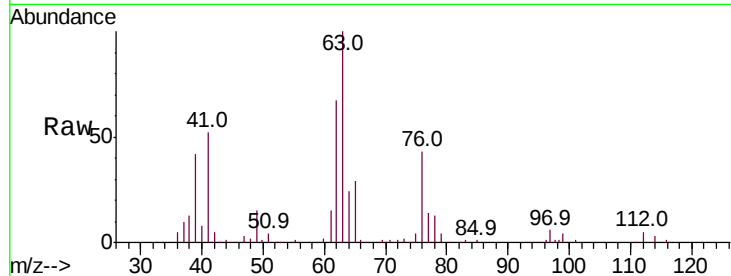
65 29.3 24.4 36.6

Manual Integrations

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7/25/2019 3:06:56 PM



#46

Dibromomethane

Concen: 19.535 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

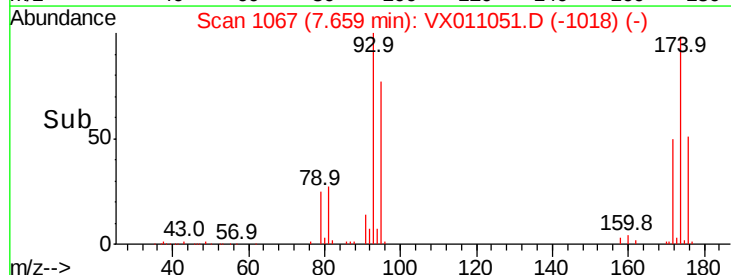
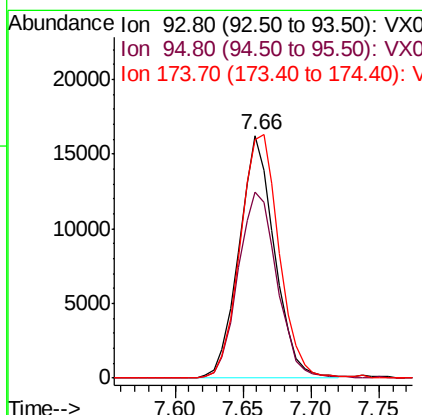
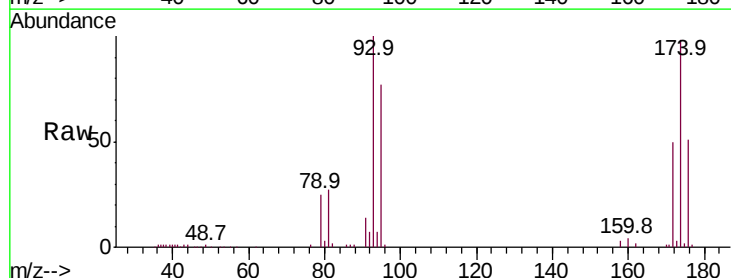
Tgt Ion: 93 Resp: 29604

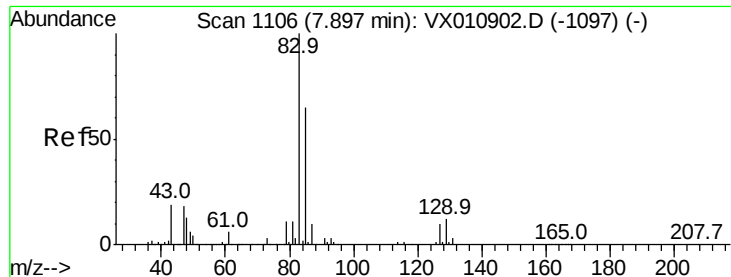
Ion Ratio Lower Upper

93 100

95 84.1 67.2 100.8

174 110.4 90.6 135.8





#47

Bromodichloromethane

Concen: 19.305 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

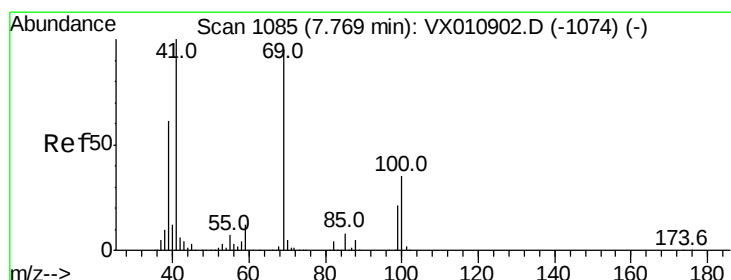
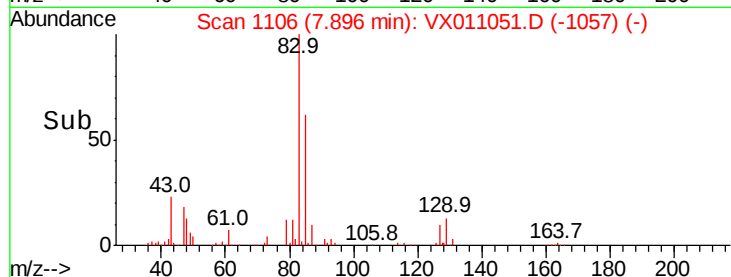
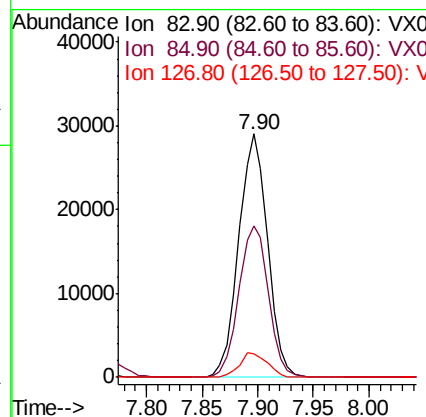
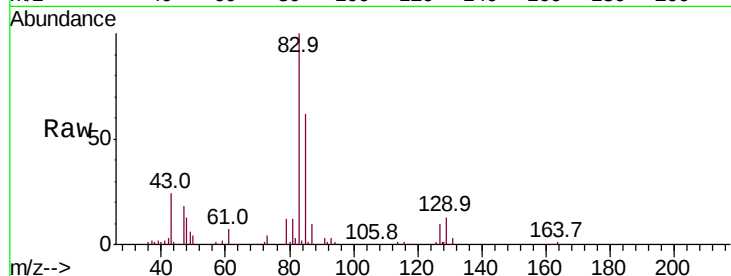
ClientSampleId :

VX0723WBS01

Tot Ion:	83	Resp:	52077
Ion	Ratio	Lower	Upper
83	100		
85	62.3	52.5	78.7
127	9.8	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.671 ug/l

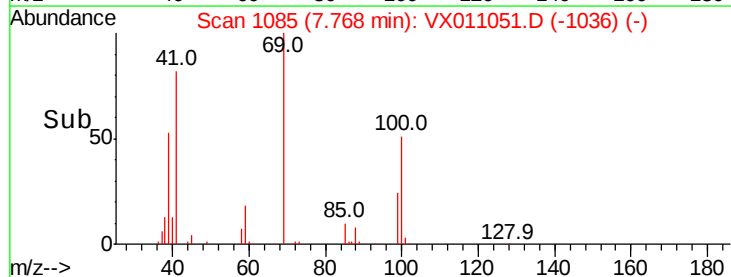
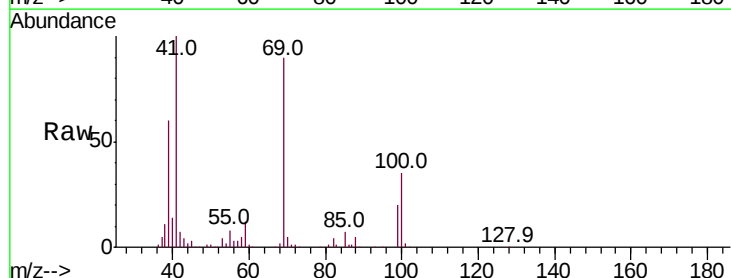
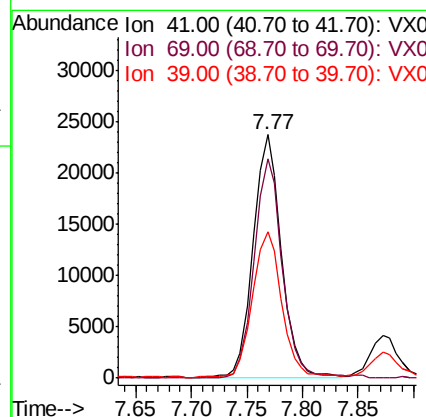
RT: 7.77 min Scan# 1085

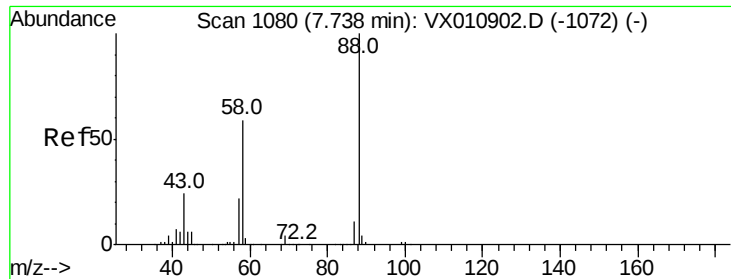
Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Tgt Ion:	41	Resp:	41657
Ion	Ratio	Lower	Upper
41	100		
69	90.5	74.4	111.6
39	61.6	48.9	73.3





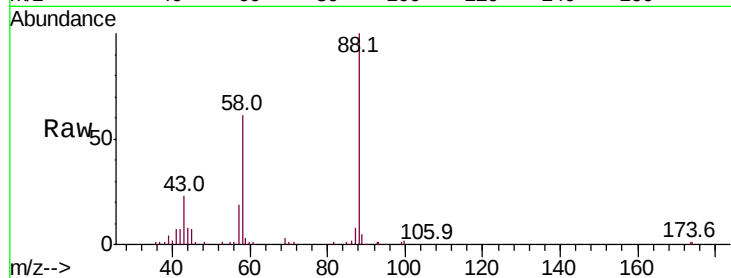
#49
1,4-Dioxane
Concen: 381.578 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.4	22.9	34.3
58	62.6	49.8	74.8

Manual Integrations
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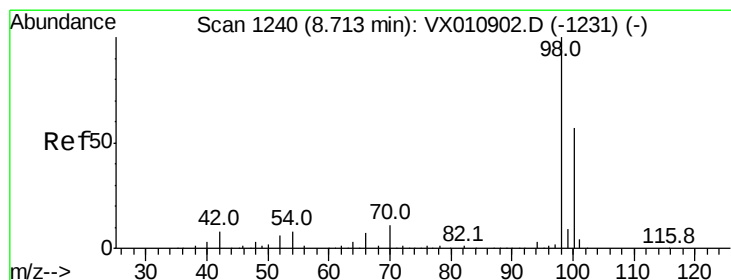
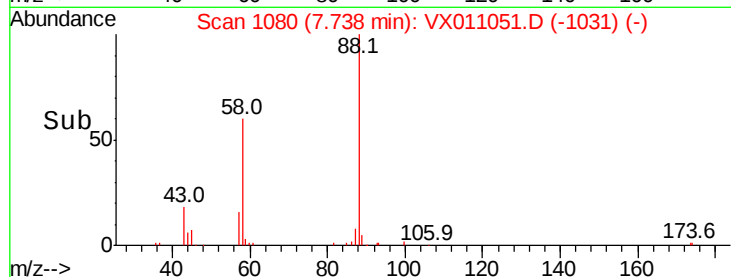
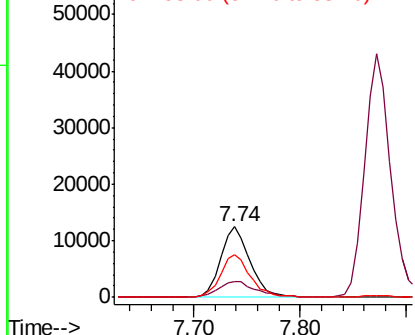


Abundance

Ion 88.00 (87.70 to 88.70): VX0

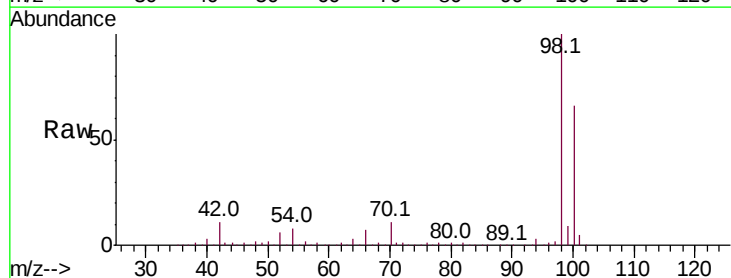
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 48.506 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

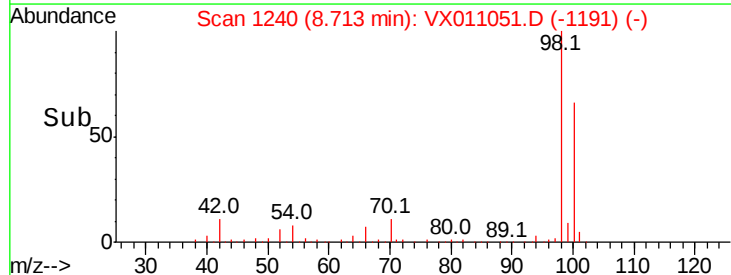
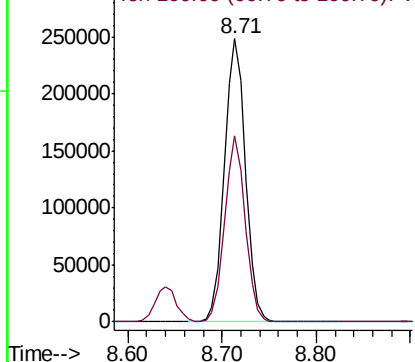
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.6	75.8



Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 97.603 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion: 43 Resp: 289771

Ion Ratio Lower Upper

43 100

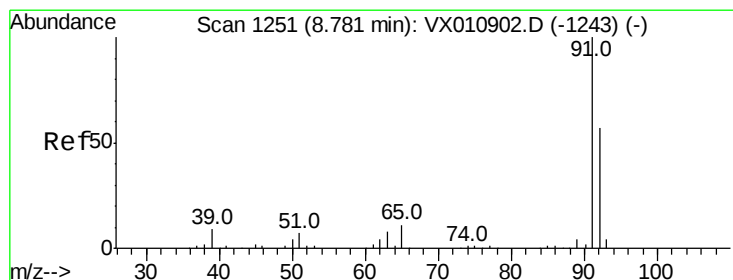
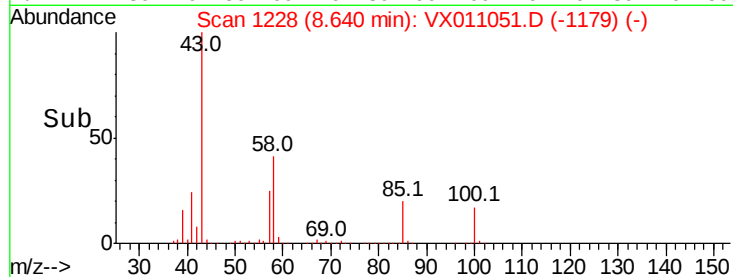
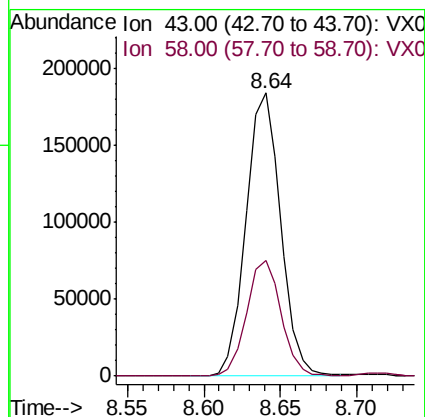
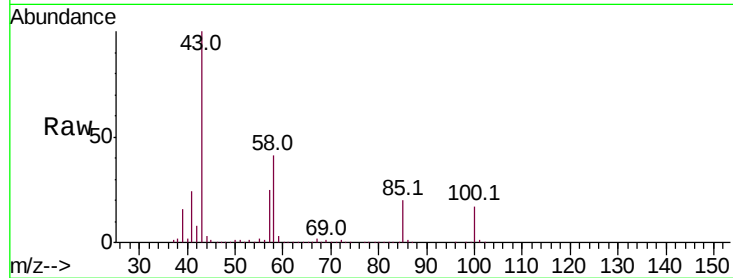
58 40.8 32.2 48.4

Manual Integrations

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7/25/2019 3:06:56 PM



#52

Toluene

Concen: 19.223 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011051.D

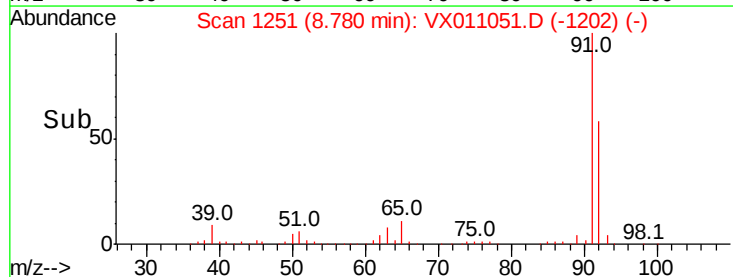
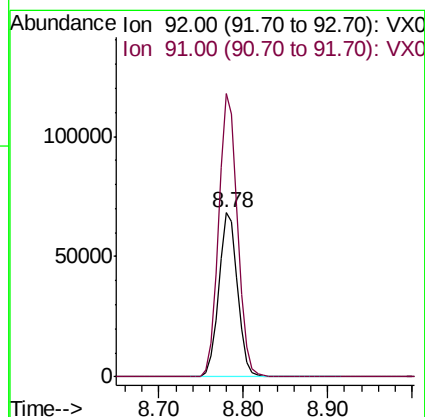
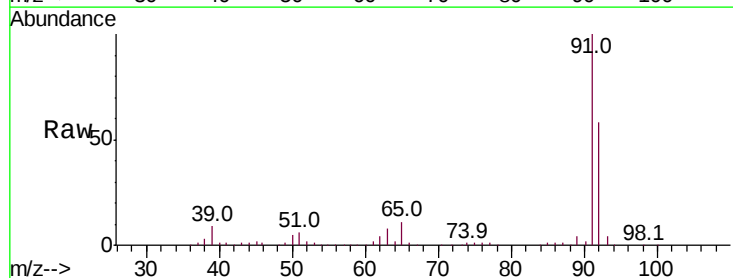
Acq: 23 Jul 2019 11:43

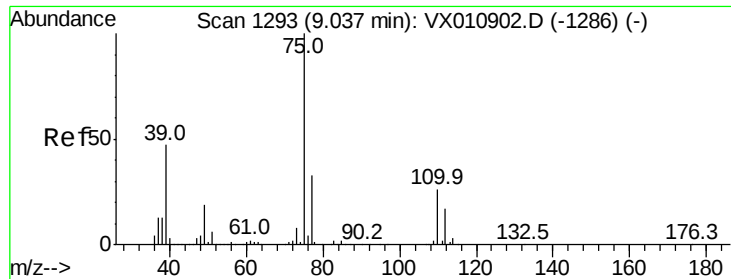
Tgt Ion: 92 Resp: 105224

Ion Ratio Lower Upper

92 100

91 173.7 139.4 209.0





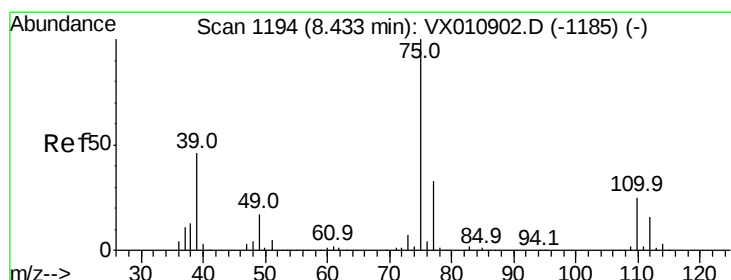
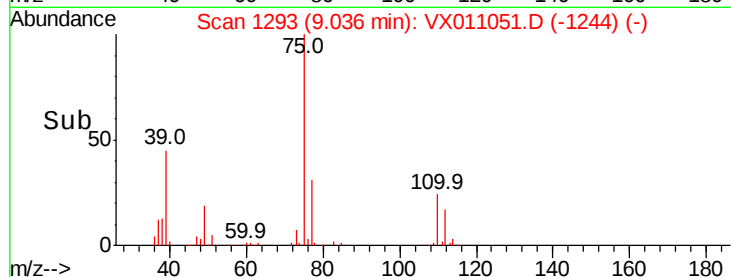
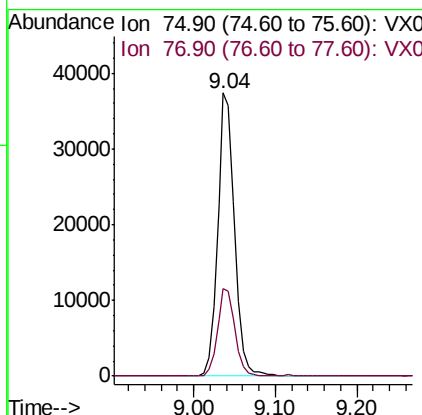
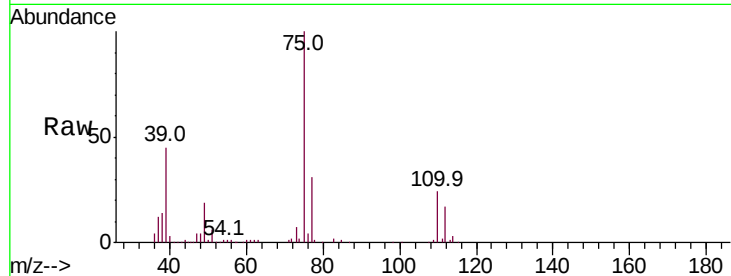
#53
t-1,3-Dichloropropene
Concen: 18.698 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion: 75 Resp: 54235
Ion Ratio Lower Upper
75 100
77 30.7 26.2 39.2

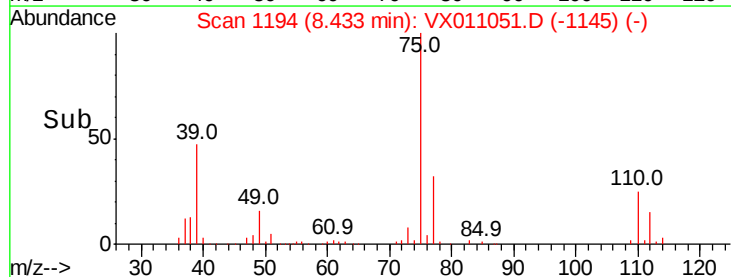
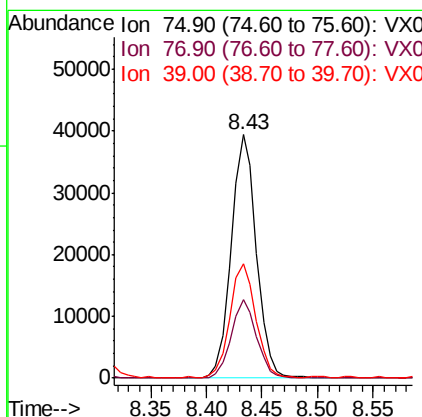
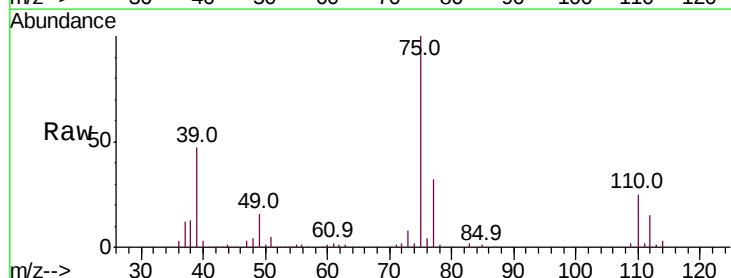
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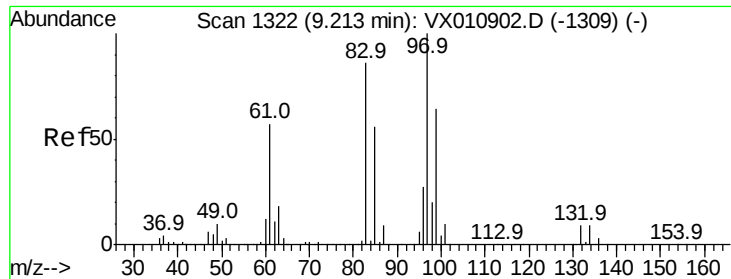
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7/25/2019 3:06:56 PM



#54
cis-1,3-Dichloropropene
Concen: 19.041 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion: 75 Resp: 61455
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1
39 46.9 36.6 54.8





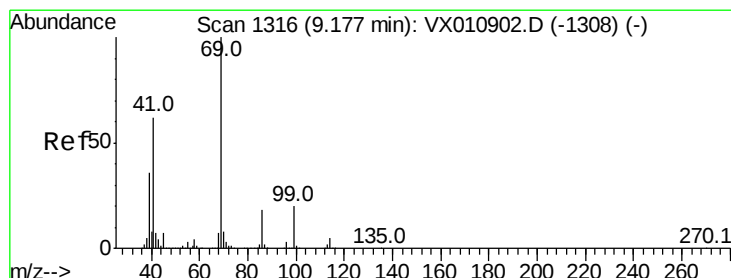
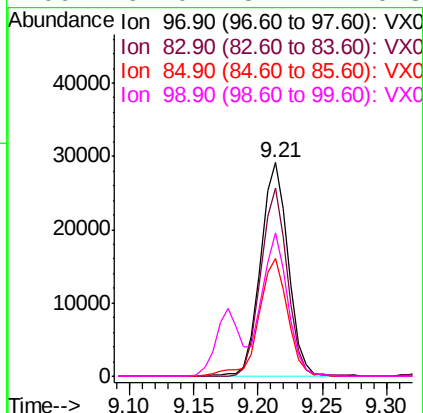
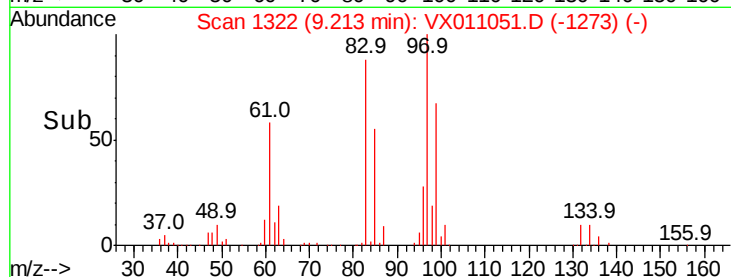
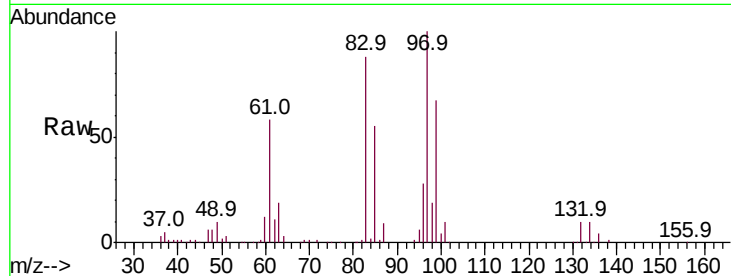
#55
 1,1,2-Trichloroethane
 Concen: 19.079 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

Tot Ion	97	Resp	42999
Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.2	103.8
85	55.1	44.6	66.8
99	67.0	51.2	76.8

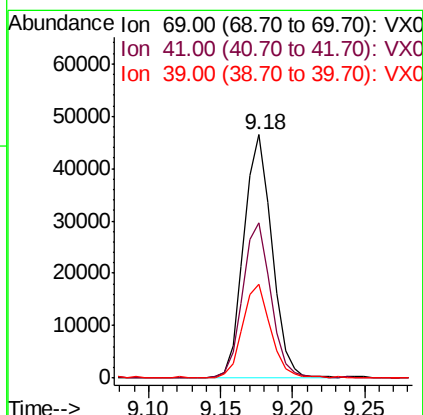
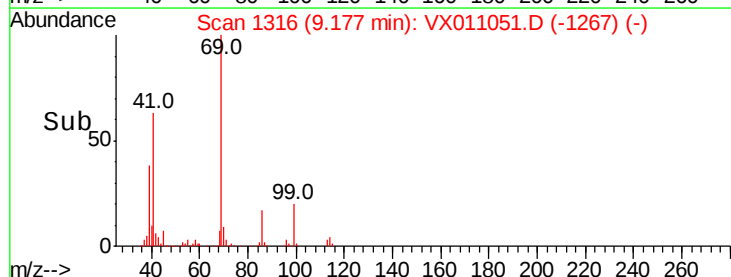
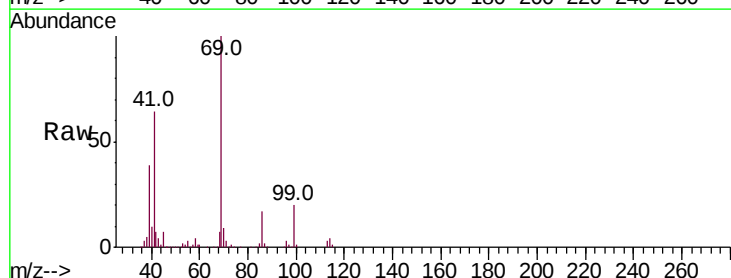
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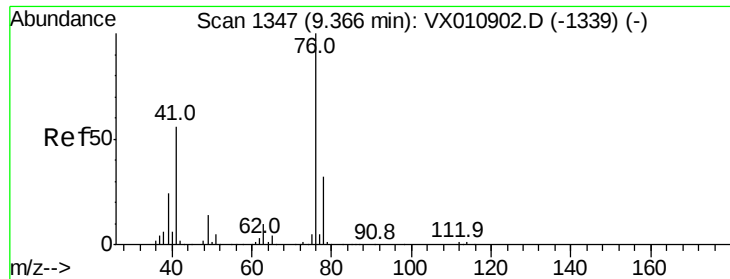
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#56
 Ethyl methacrylate
 Concen: 19.155 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Tgt Ion	69	Resp	63150
Ion	Ratio	Lower	Upper
69	100		
41	63.6	49.7	74.5
39	37.8	29.6	44.4





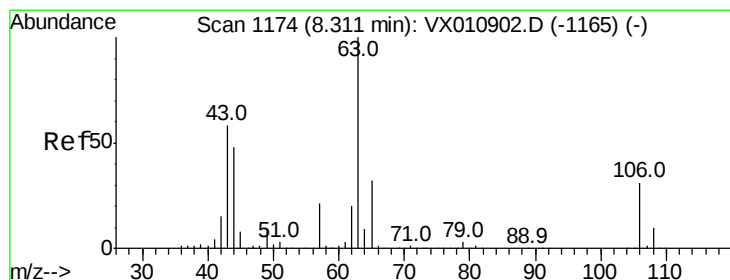
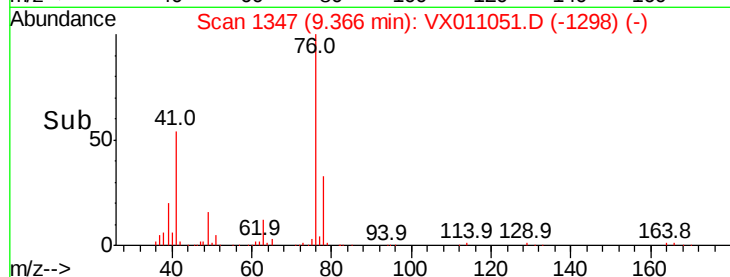
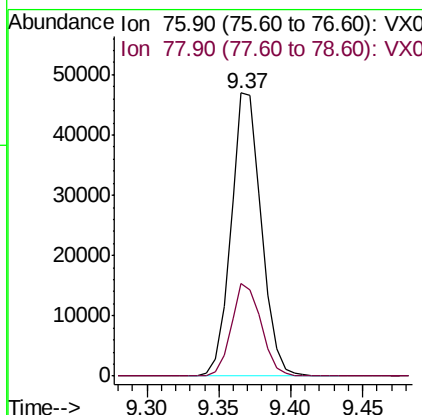
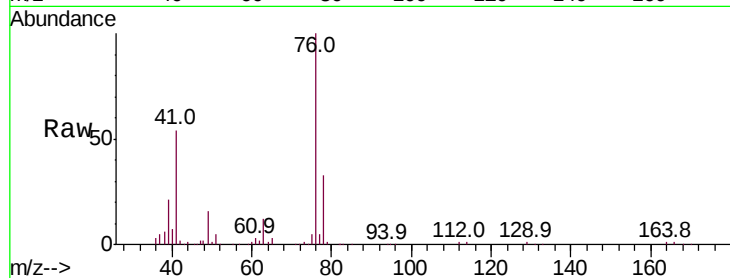
#57
 1,3-Dichloropropane
 Concen: 19.279 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Instrument :
 MSVOA_X
 ClientSampled :
 VX0723WBS01

Tot Ion: 76 Resp: 68928
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4

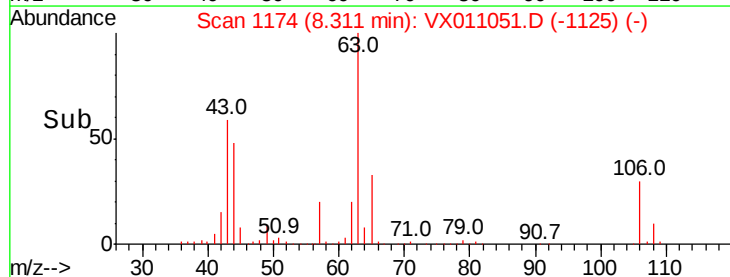
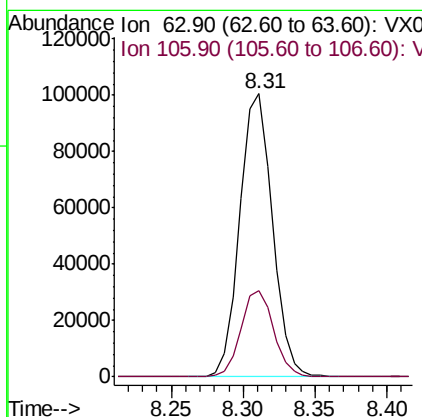
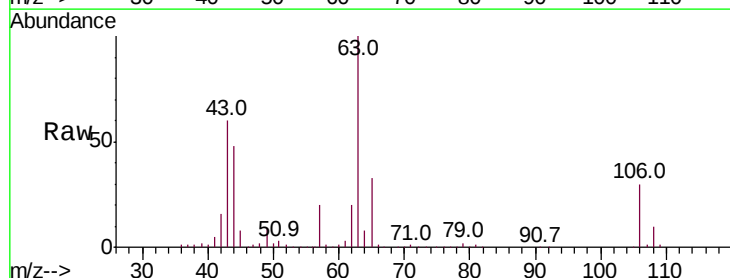
Manual Integrations
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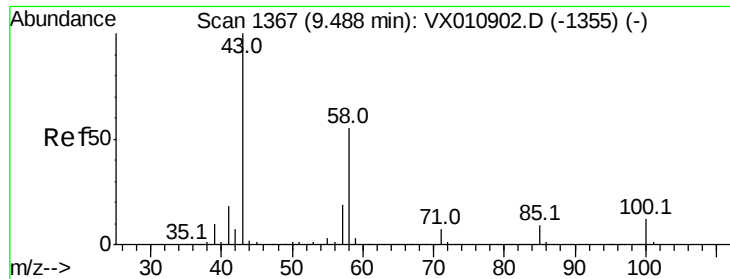
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#58
 2-Chloroethyl Vinyl ether
 Concen: 100.554 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Tgt Ion: 63 Resp: 158246
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.0 36.0





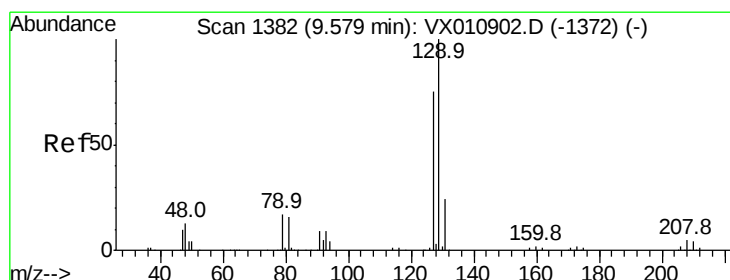
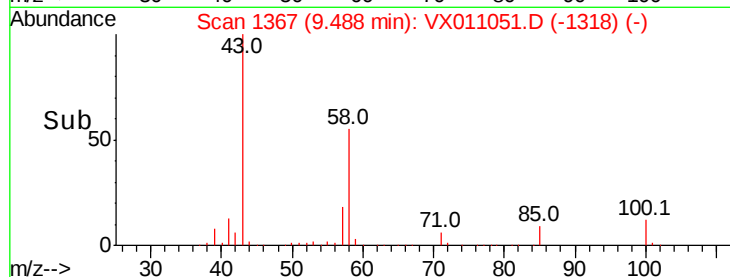
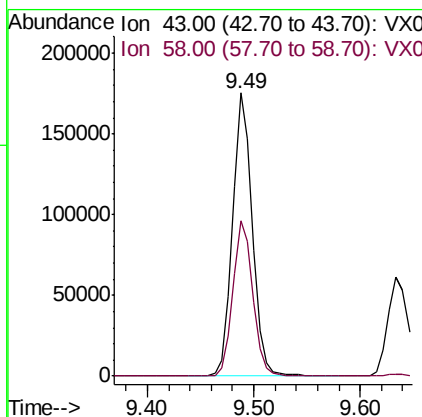
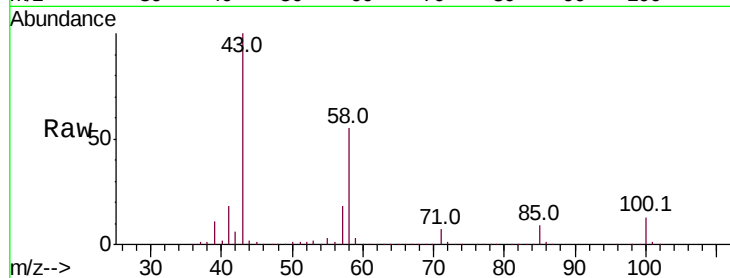
#59
2-Hexanone
Concen: 99.215 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion: 43 Resp: 228464
Ion Ratio Lower Upper
43 100
58 55.7 28.0 83.9

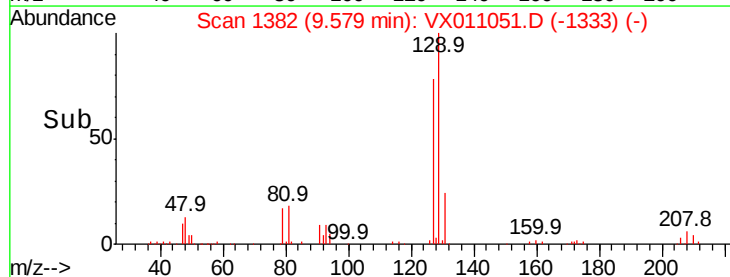
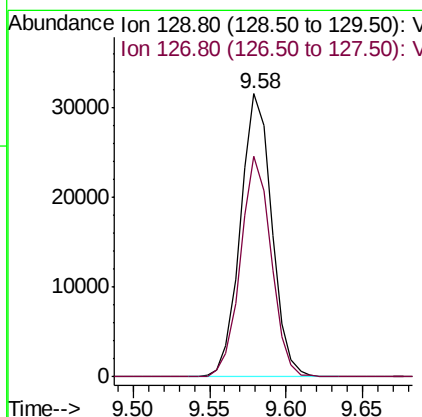
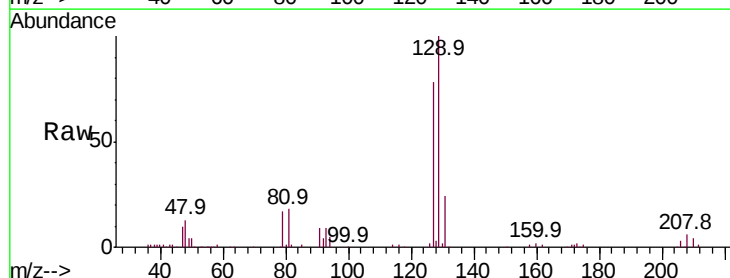
Manual Integrations
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#60
Dibromochloromethane
Concen: 18.976 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion: 129 Resp: 44936
Ion Ratio Lower Upper
129 100
127 76.0 38.6 115.8





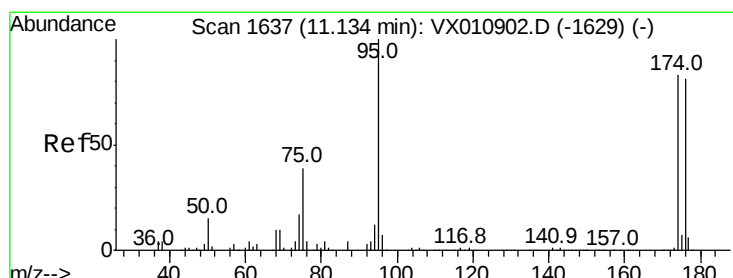
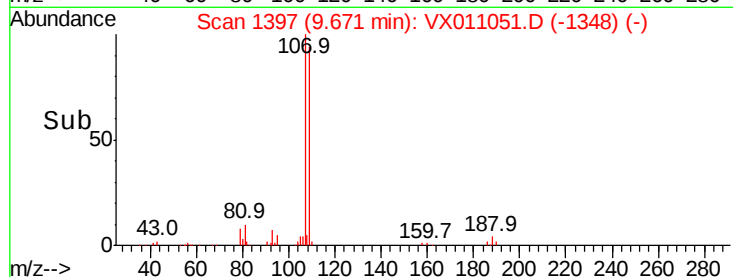
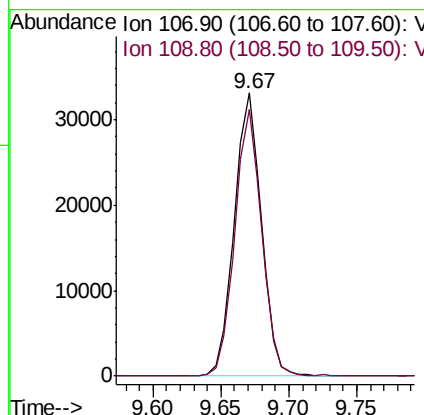
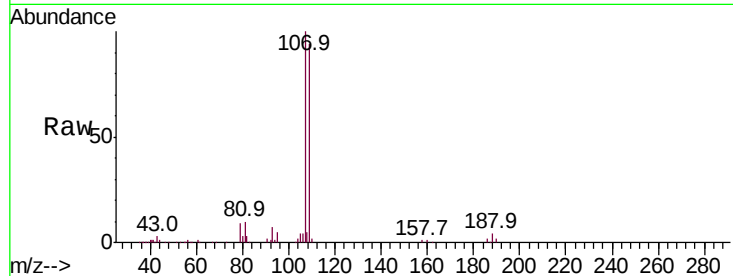
#61
 1,2-Dibromoethane
 Concen: 19.227 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.4	113.0

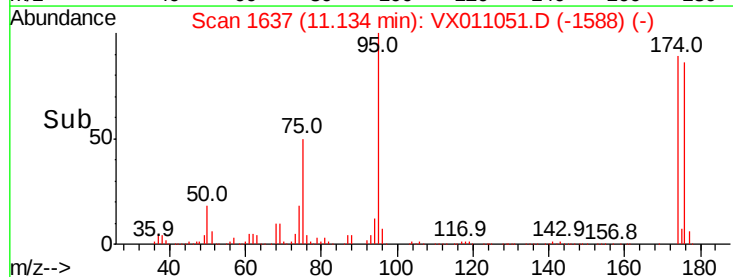
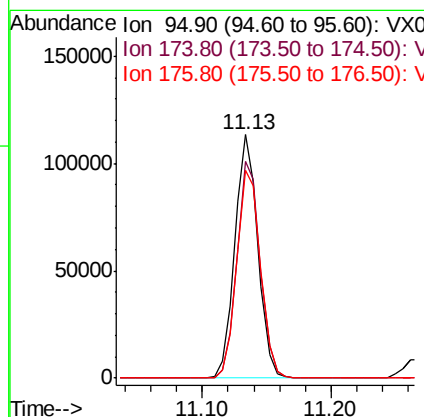
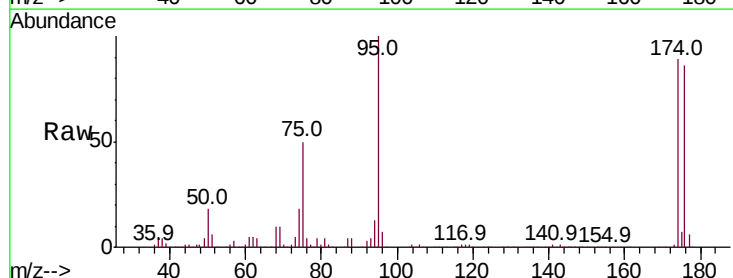
Manual Integrations
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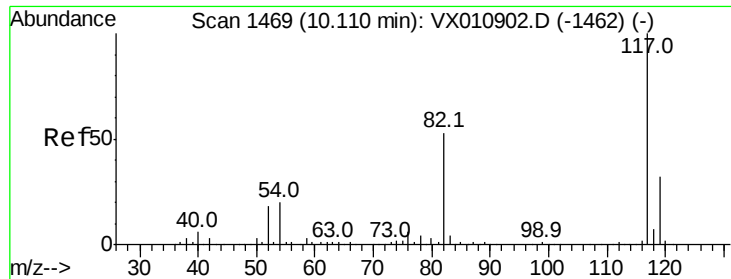
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#62
 4-Bromofluorobenzene
 Concen: 48.853 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	180.6
176	88.0	0.0	173.8





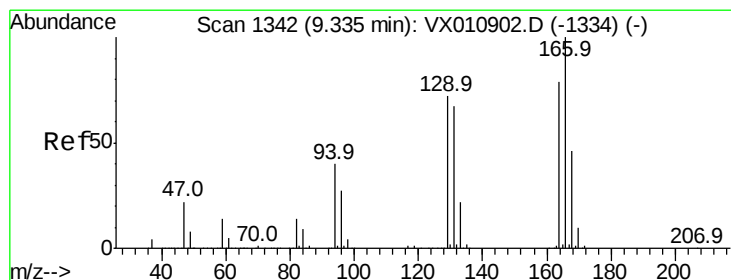
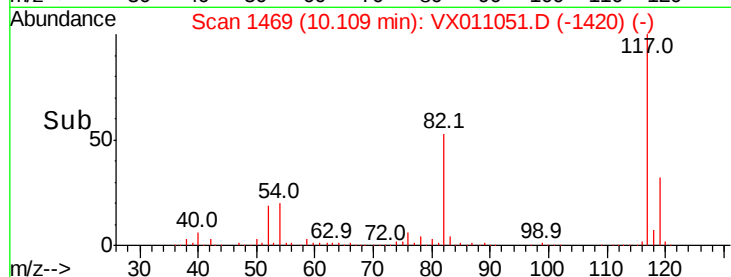
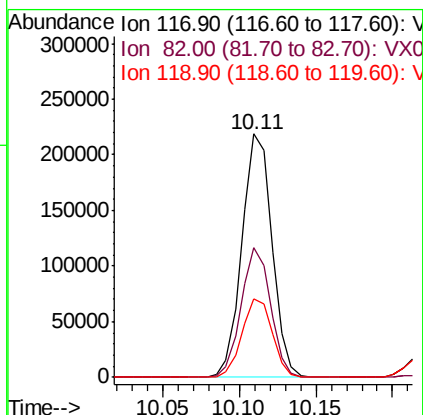
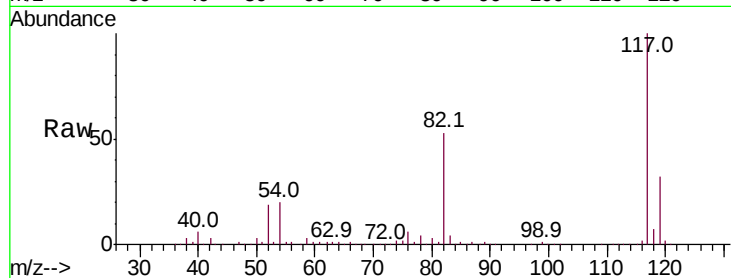
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	298867		
82	53.4	42.6	63.8	
119	32.4	25.9	38.9	

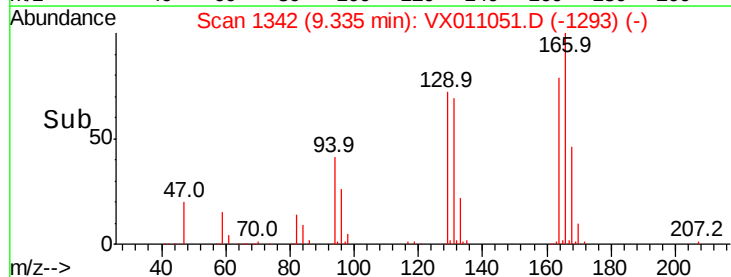
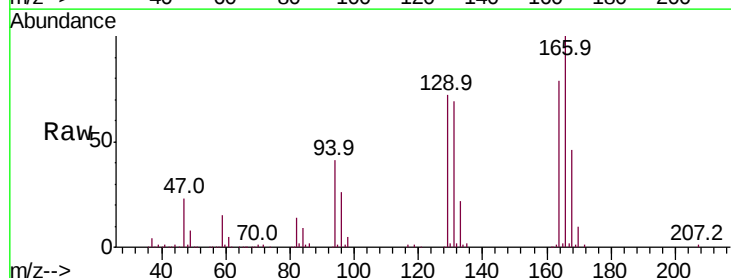
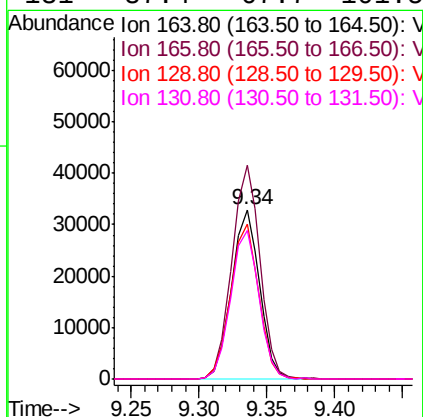
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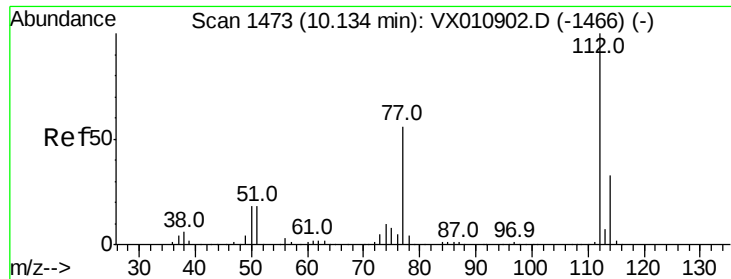
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#64
Tetrachloroethene
Concen: 20.080 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	47210		
166	125.9	100.8	151.2	
129	91.1	72.6	109.0	
131	87.4	67.7	101.5	





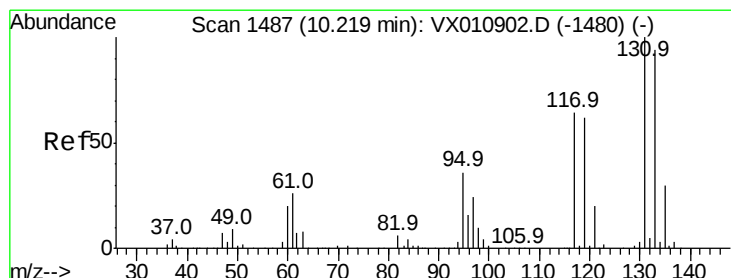
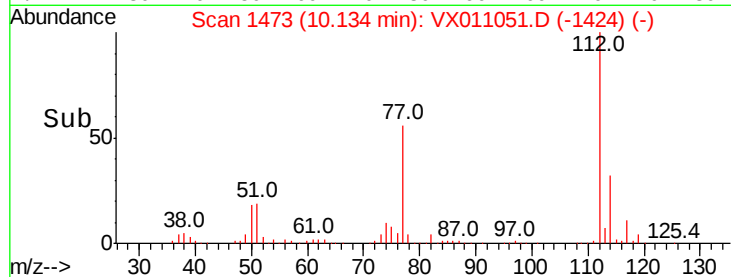
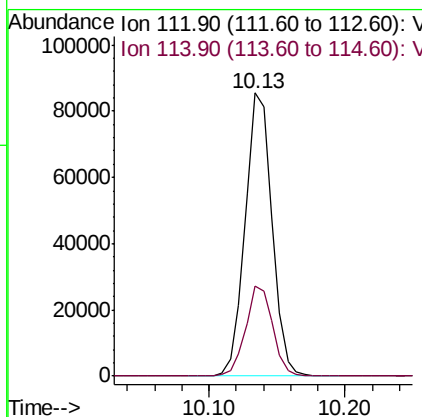
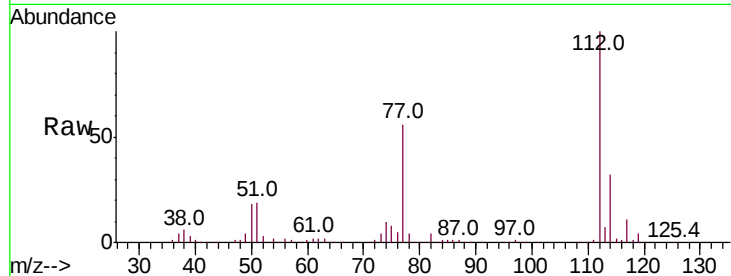
#65
Chlorobenzene
Concen: 19.271 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Instrument :
MSVOA_X
ClientSampled :
VX0723WBS01

Tot Ion:112 Resp: 118294
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.4

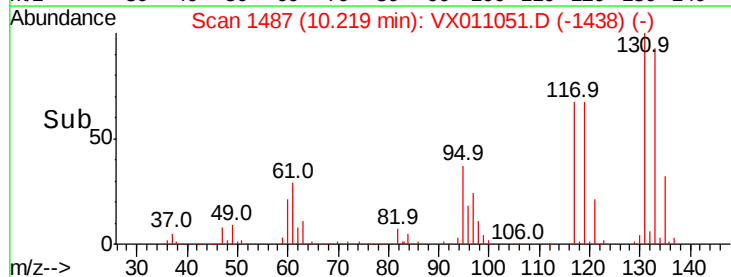
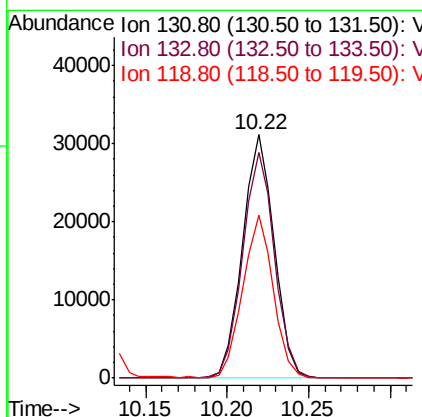
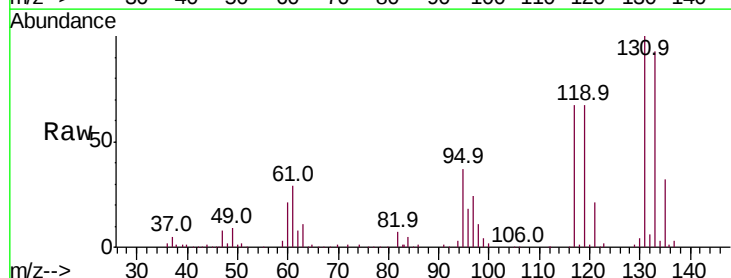
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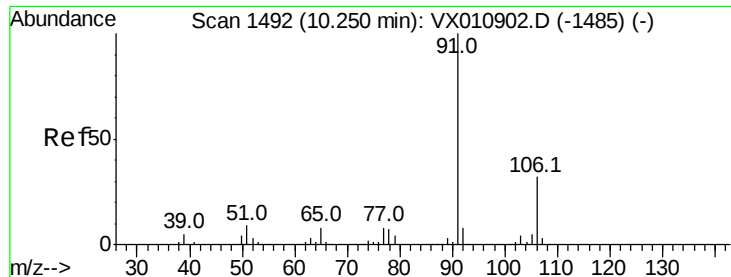
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.493 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion:131 Resp: 42055
Ion Ratio Lower Upper
131 100
133 93.4 47.1 141.4
119 64.6 31.9 95.7





#67

Ethyl Benzene

Concen: 19.602 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion: 91 Resp: 204815

Ion Ratio Lower Upper

91 100

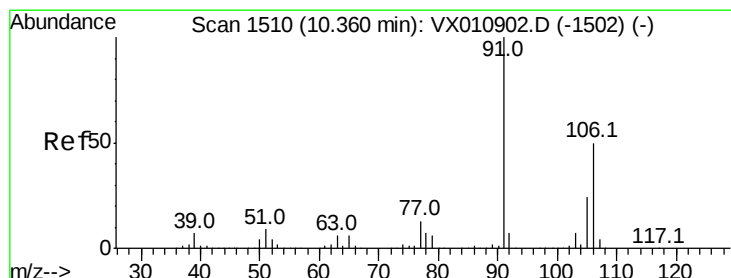
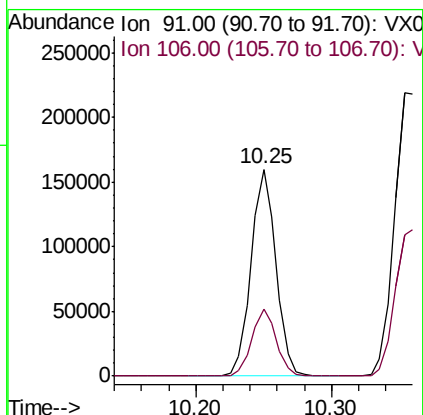
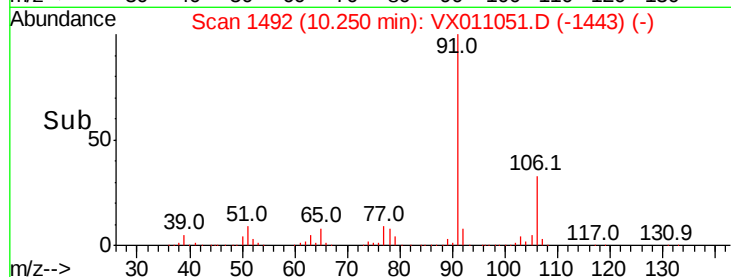
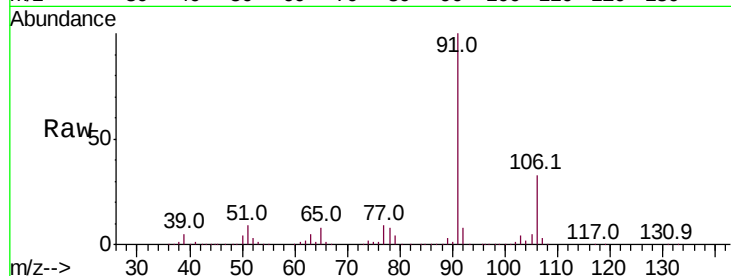
106 32.6 25.4 38.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 39.198 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX011051.D

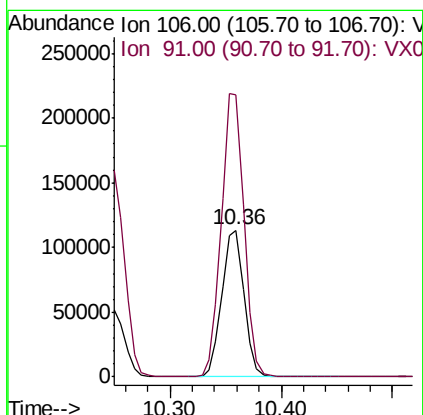
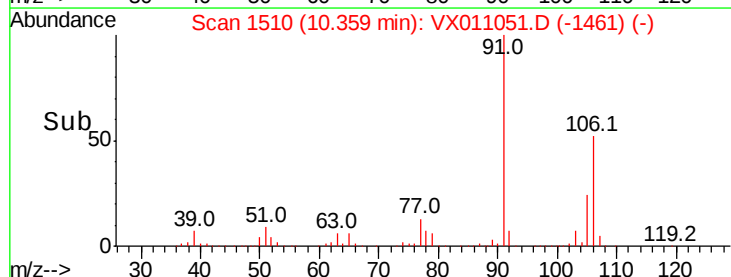
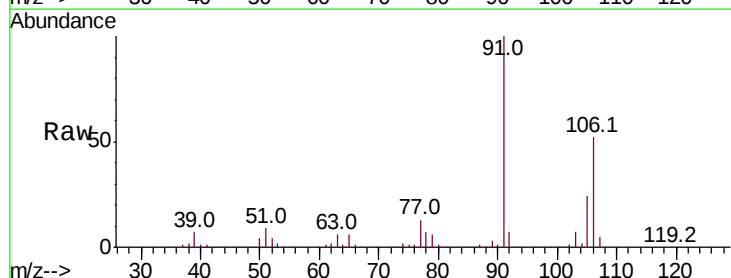
Acq: 23 Jul 2019 11:43

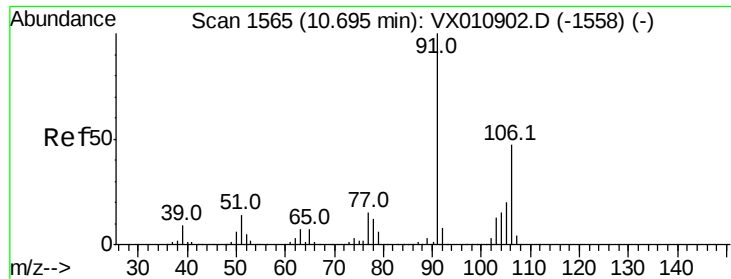
Tgt Ion: 106 Resp: 157104

Ion Ratio Lower Upper

106 100

91 196.4 160.1 240.1





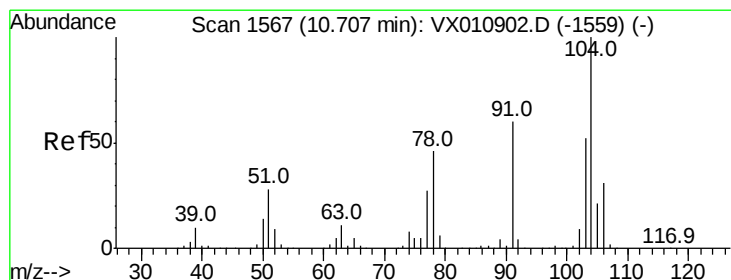
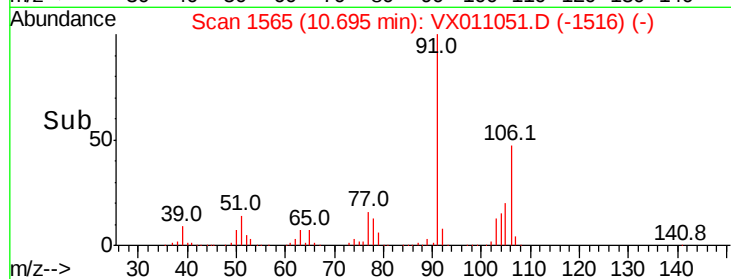
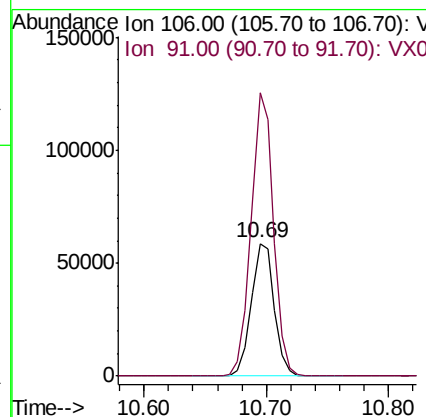
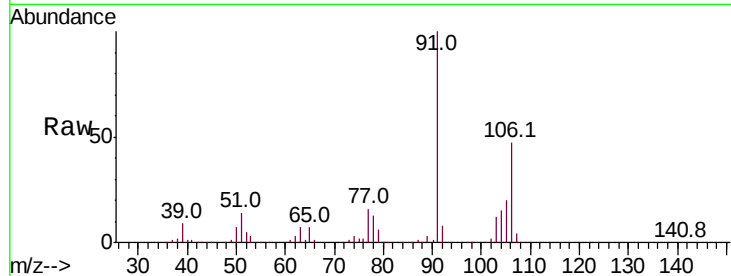
#69
o-Xylene
Concen: 19.619 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion:106 Resp: 76741
Ion Ratio Lower Upper
106 100
91 207.7 105.1 315.3

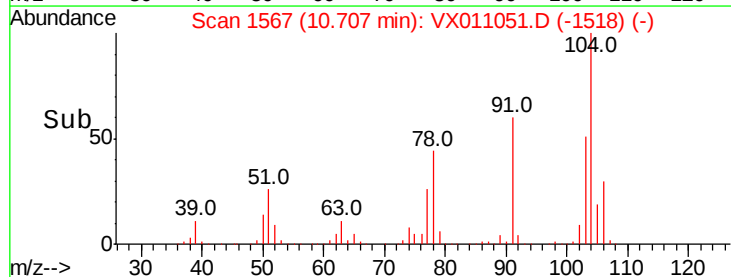
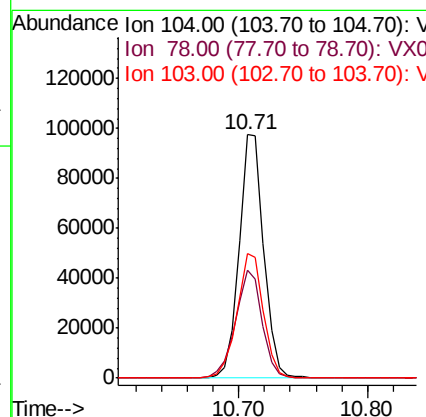
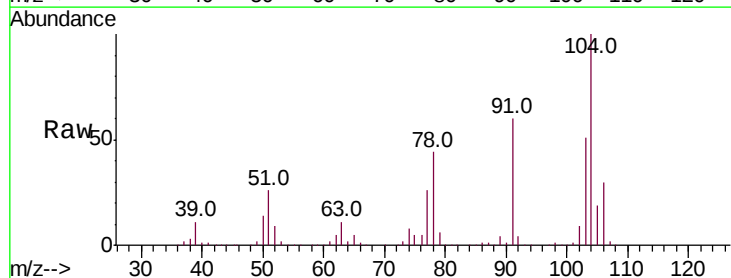
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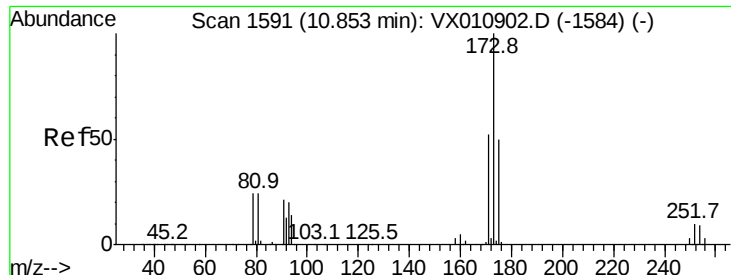
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#70
Styrene
Concen: 19.917 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion:104 Resp: 129869
Ion Ratio Lower Upper
104 100
78 48.0 38.8 58.2
103 55.0 44.2 66.4





#71

Bromoform

Concen: 17.663 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion:173 Resp: 31283

Ion Ratio Lower Upper

173 100

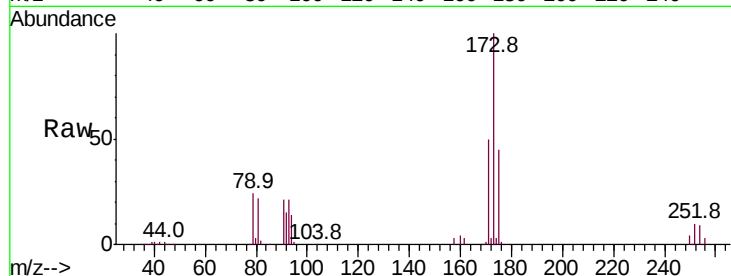
175 48.4 24.6 73.6

254 0.1 0.1 0.1#

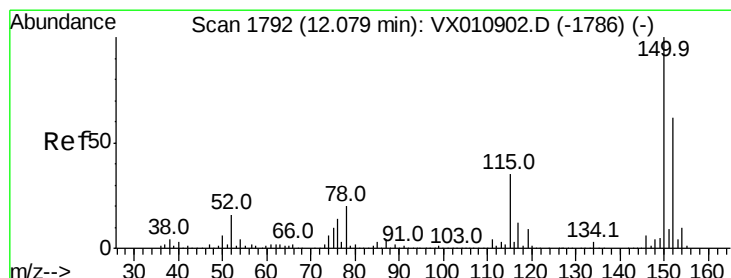
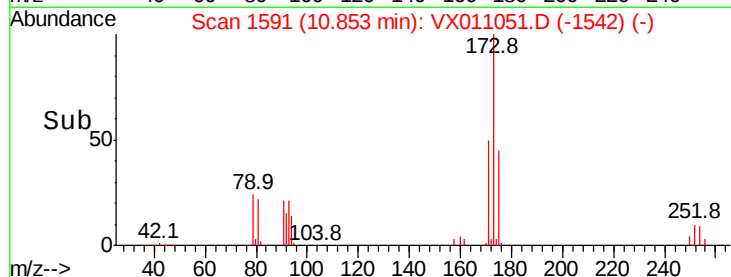
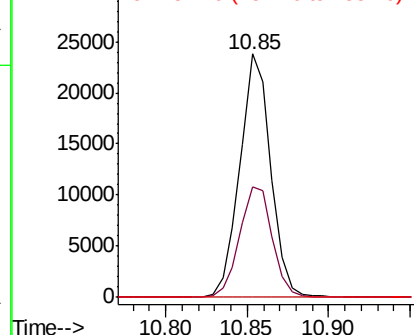
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

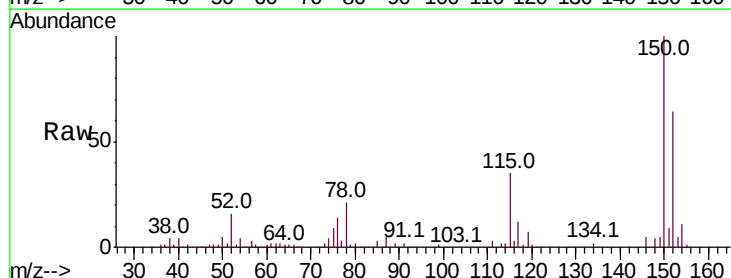
Tgt Ion:152 Resp: 156641

Ion Ratio Lower Upper

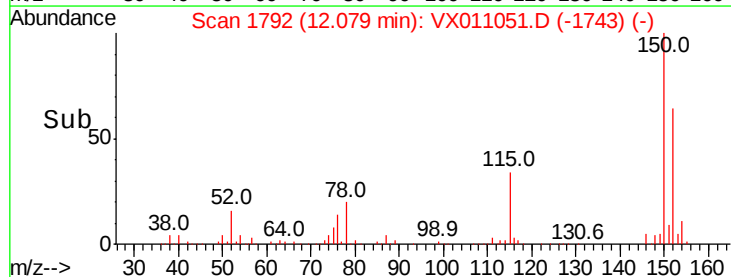
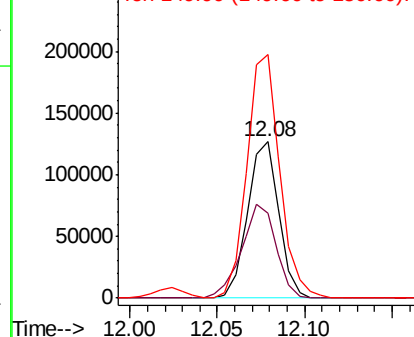
152 100

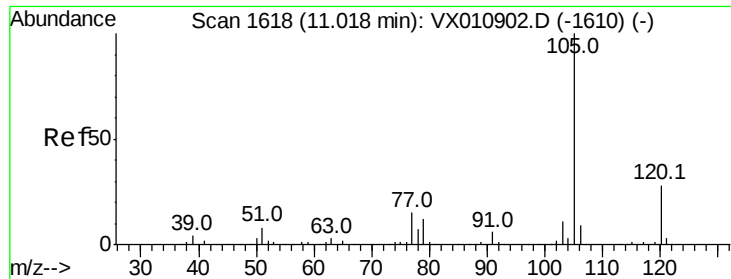
115 66.3 39.7 119.1

150 164.3 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: 19.639 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion: 105 Resp: 207861

Ion Ratio Lower Upper

105 100

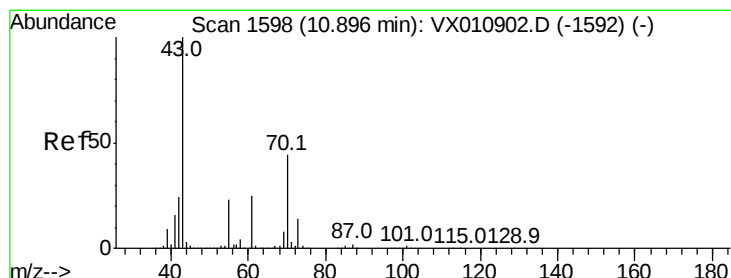
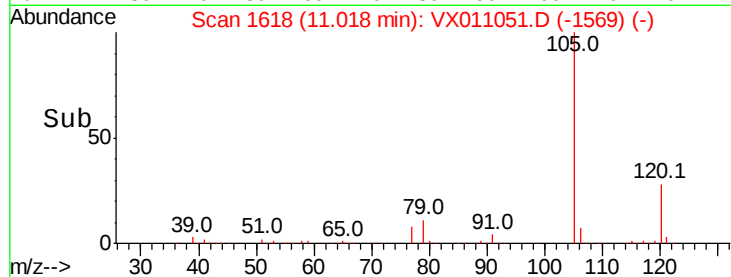
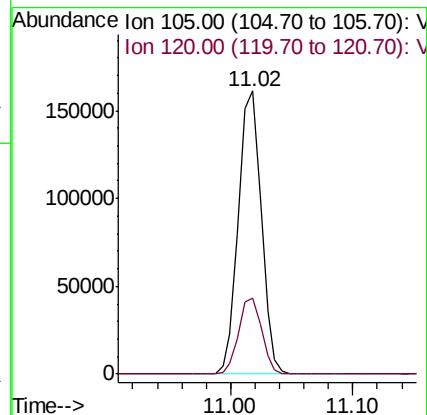
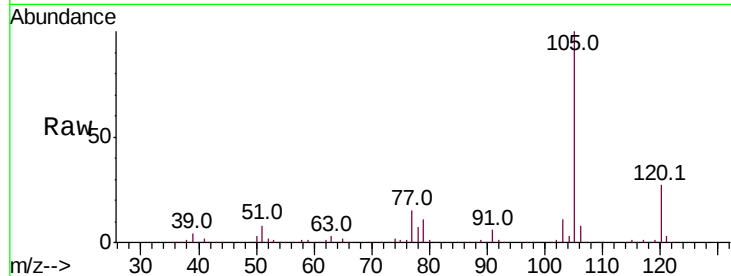
120 27.1 13.7 41.1

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#74

N-ethyl acetate

Concen: 19.125 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Tgt Ion: 43 Resp: 77346

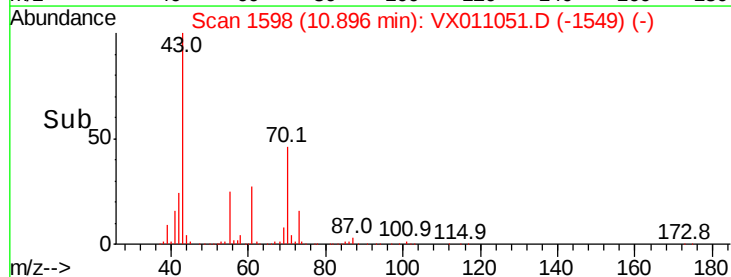
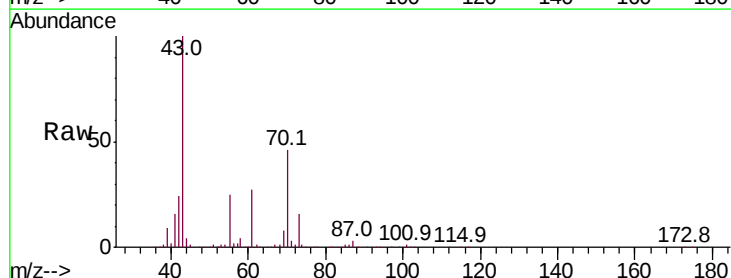
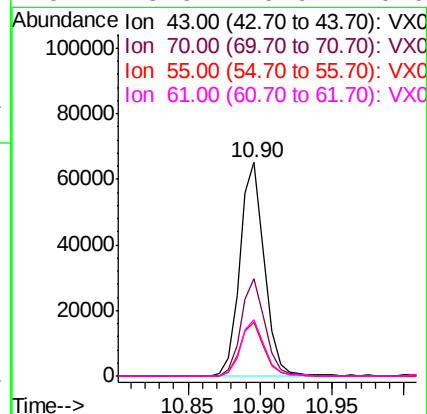
Ion Ratio Lower Upper

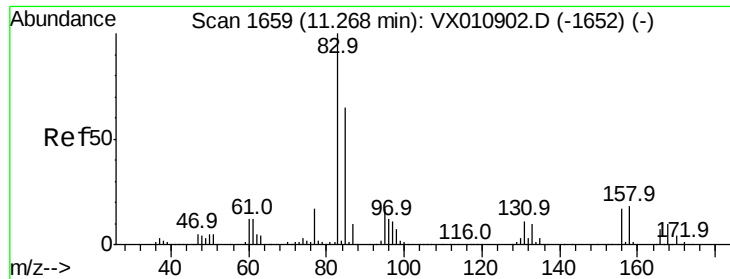
43 100

70 44.8 34.7 52.1

55 24.9 19.1 28.7

61 25.6 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.344 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

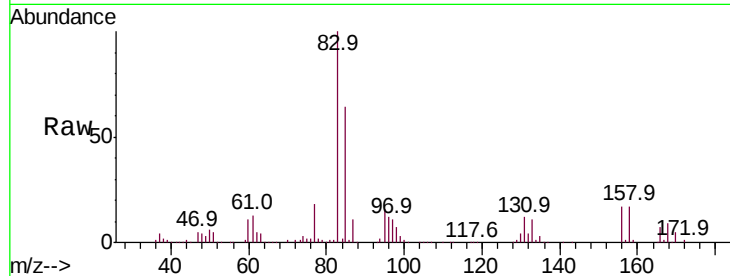
ClientSampleId :

VX0723WBS01

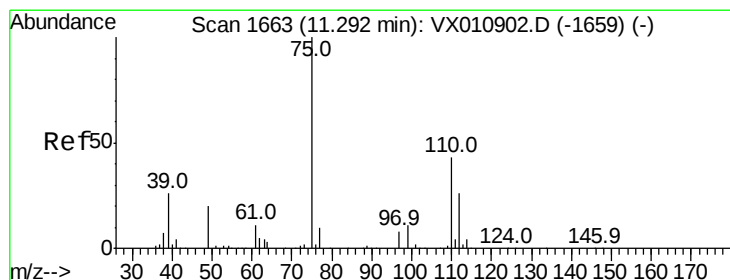
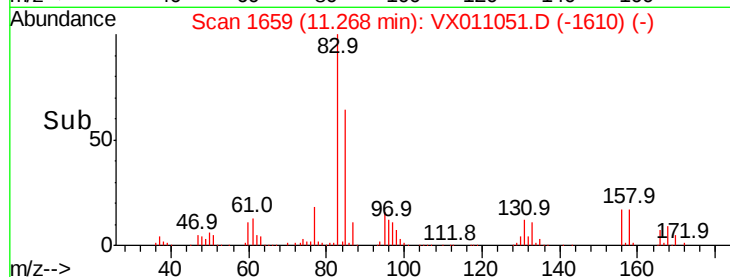
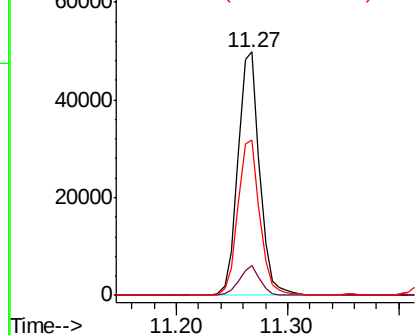
Tot Ion:	83	Resp:	67003
Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.5	16.4
85	64.7	32.3	96.9

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.772 ug/l m

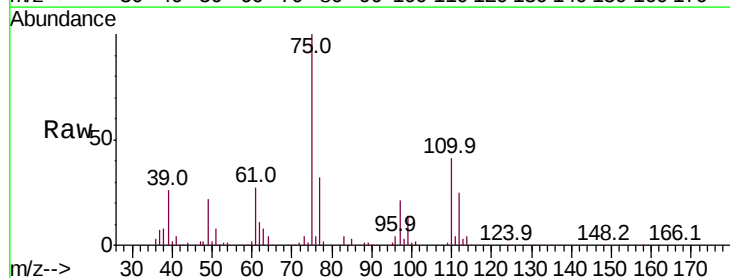
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

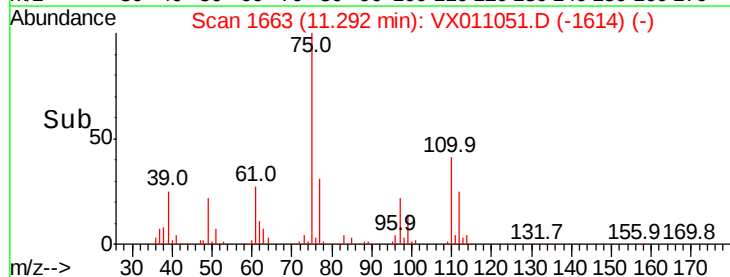
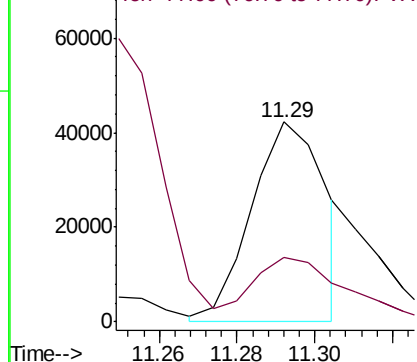
Lab File: VX011051.D

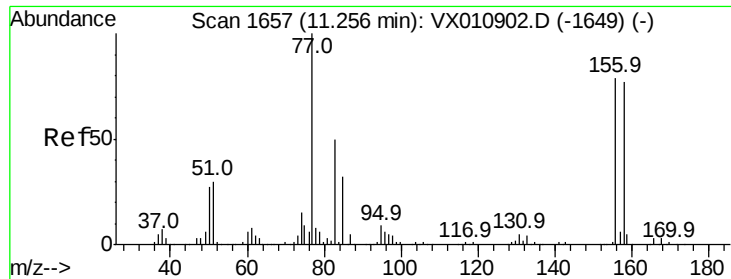
Acq: 23 Jul 2019 11:43

Tgt Ion:	75	Resp:	55889
Ion	Ratio	Lower	Upper
75	100		
77	41.1	21.3	64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.804 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

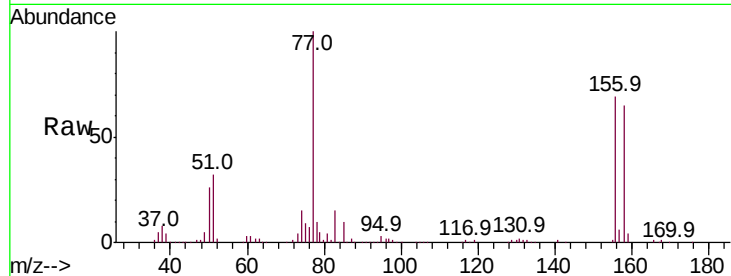
ClientSampleId :

VX0723WBS01

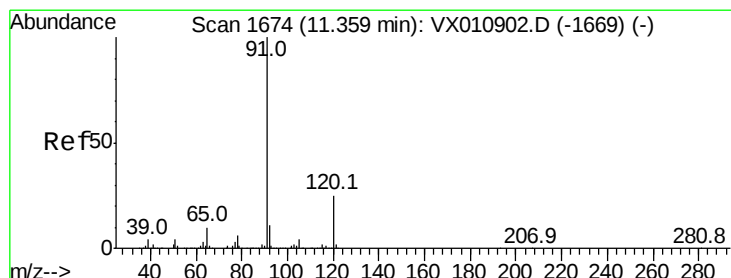
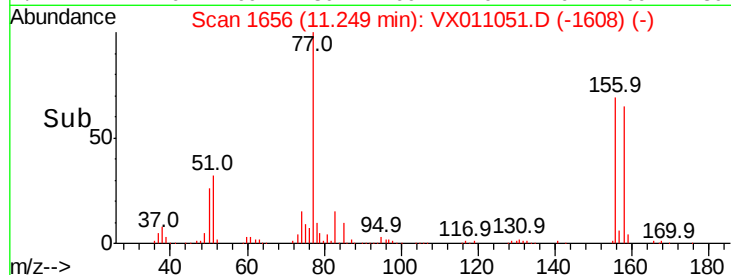
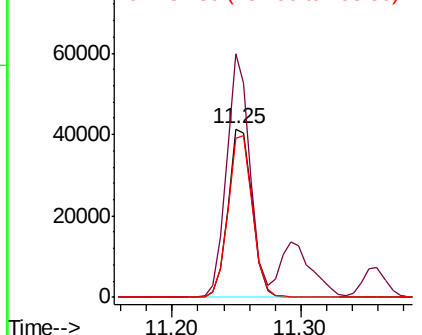
Tot Ion:	156	Resp:	54897
Ion	Ratio	Lower	Upper
156	100		
77	139.1	68.7	206.1
158	96.7	47.9	143.7

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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: 19.823 ug/l

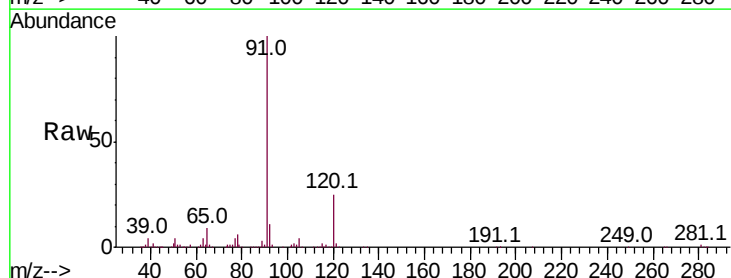
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

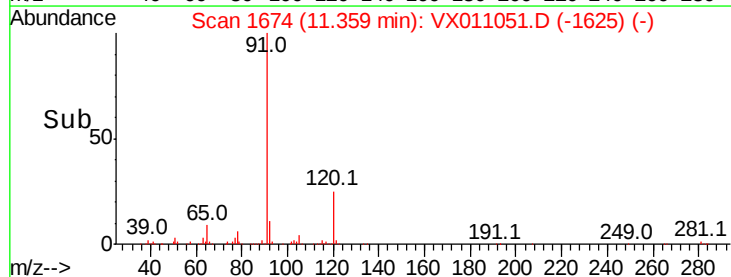
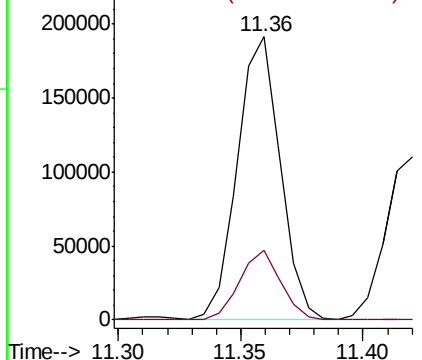
Lab File: VX011051.D

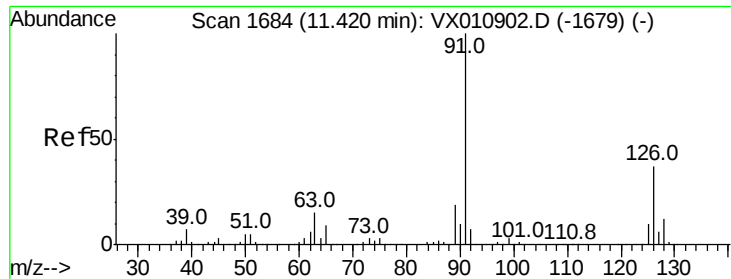
Acq: 23 Jul 2019 11:43

Tgt Ion:	91	Resp:	231820
Ion	Ratio	Lower	Upper
91	100		
120	23.9	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: 19.474 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion: 91 Resp: 136807

Ion Ratio Lower Upper

91 100

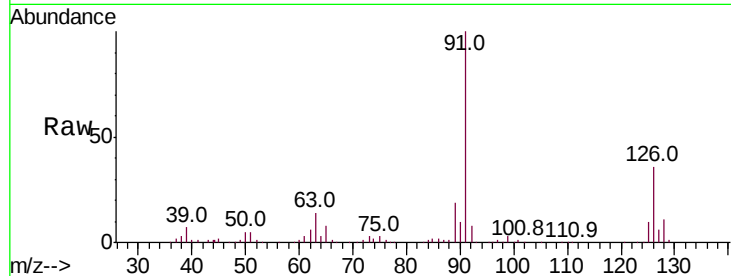
126 36.3 18.0 54.0

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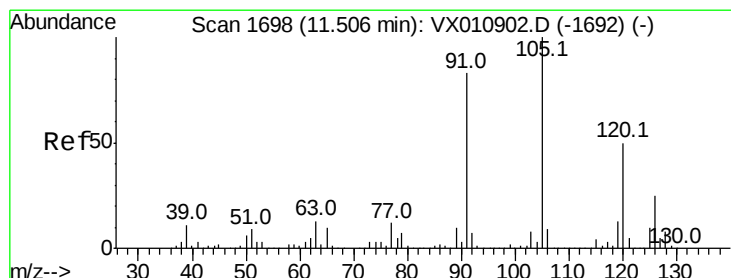
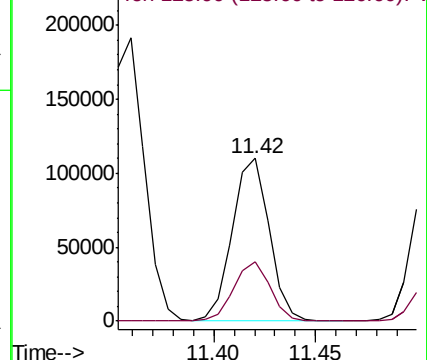
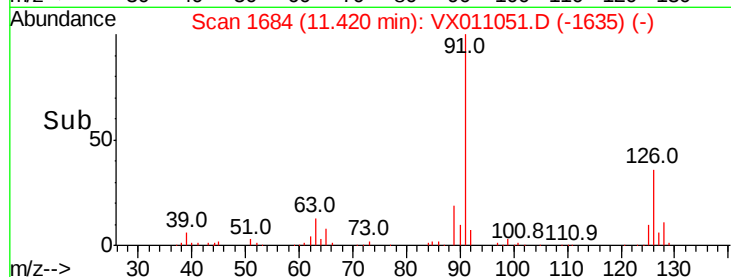
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Abundance Ion 91.00 (90.70 to 91.70): VX011051.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.703 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011051.D

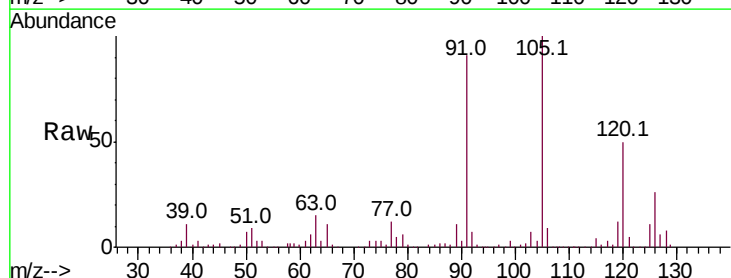
Acq: 23 Jul 2019 11:43

Tgt Ion: 105 Resp: 174256

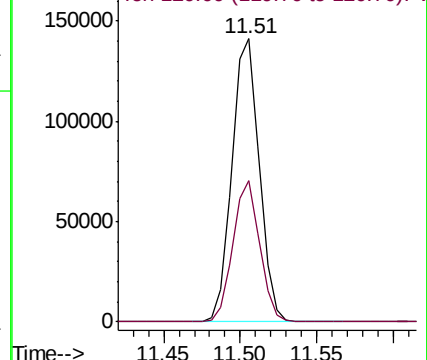
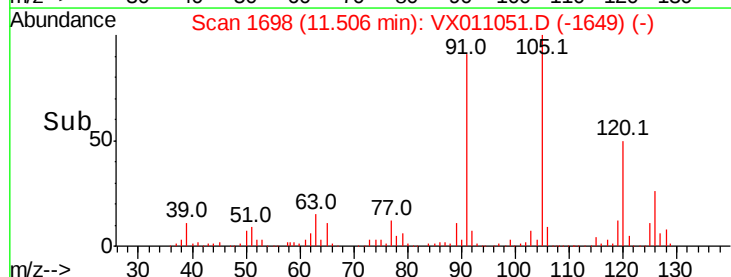
Ion Ratio Lower Upper

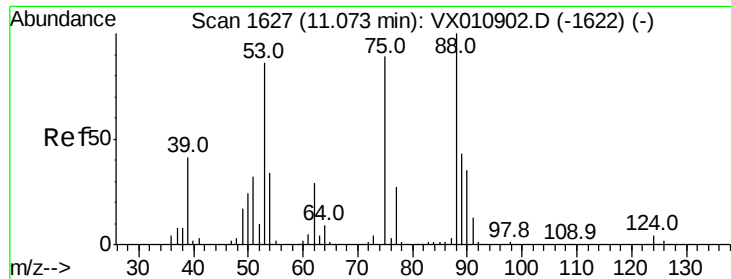
105 100

120 48.9 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX011051.D (-1649) (-)





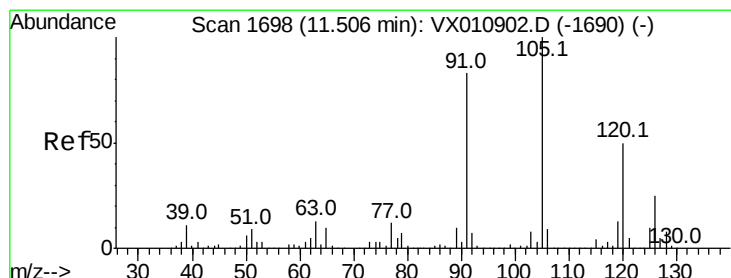
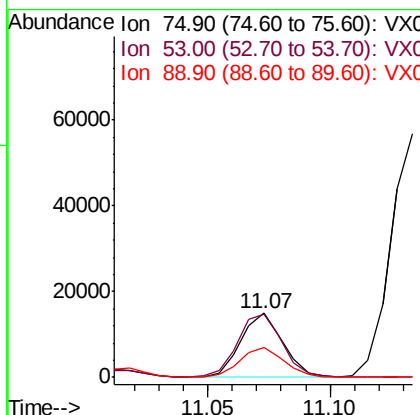
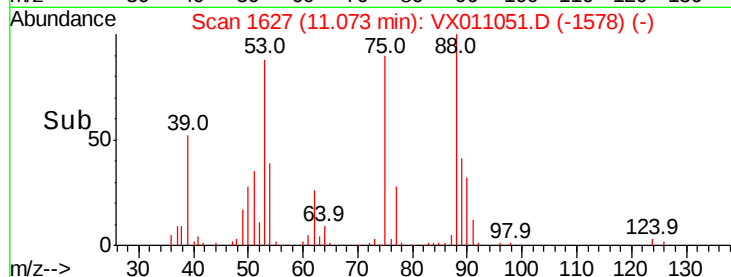
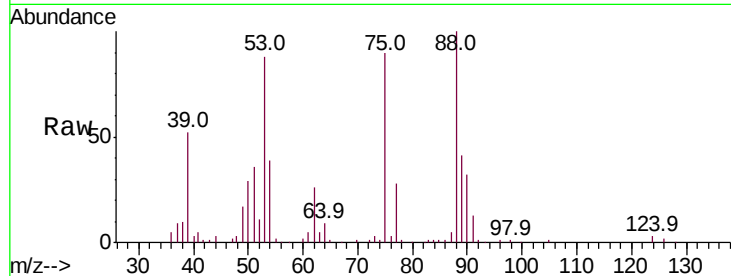
#81
trans-1,4-Dichloro-2-butene
Concen: 18.535 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.5	76.7	115.1
89	49.2	38.5	57.7

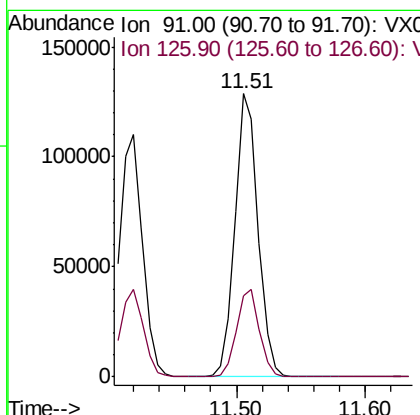
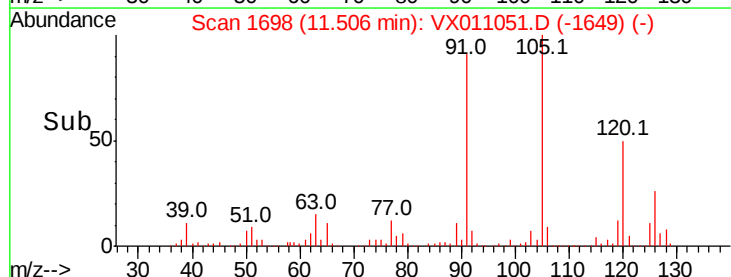
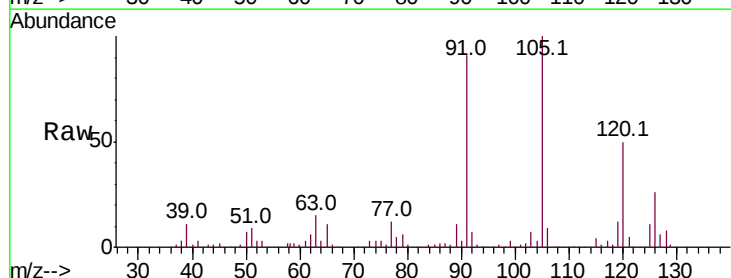
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#82
4-Chlorotoluene
Concen: 19.609 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.9	47.7





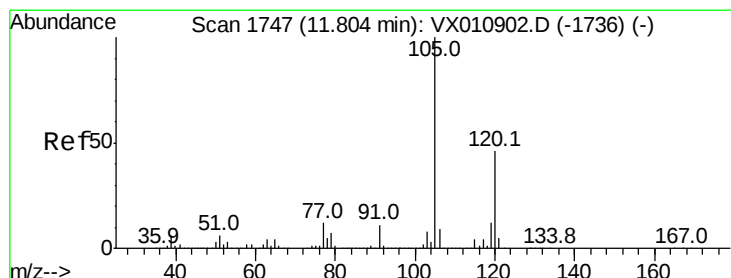
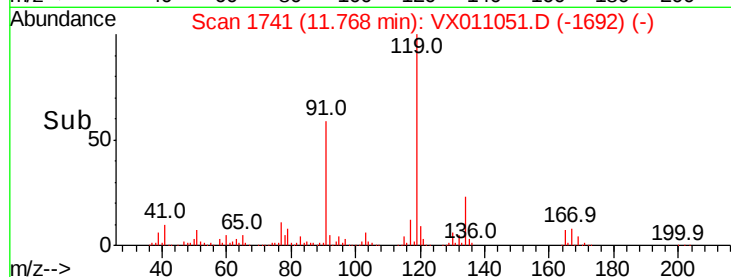
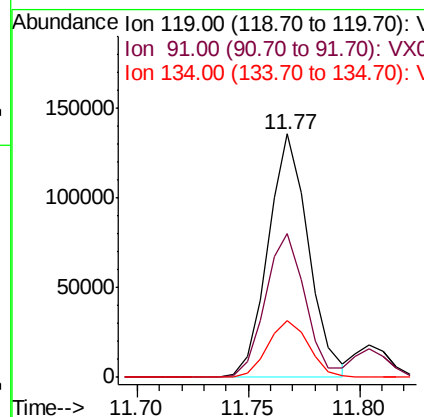
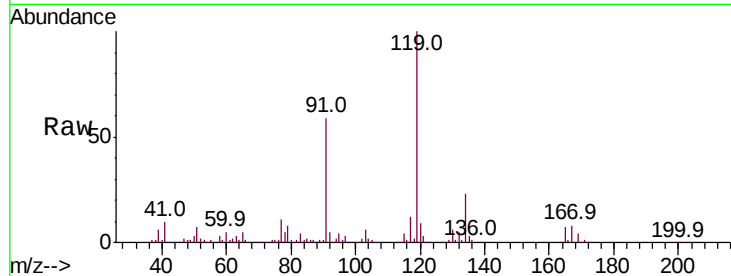
#83
tert-Butylbenzene
Concen: 19.611 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	170361		
91	58.9	28.6	85.8	
134	23.7	11.6	34.8	

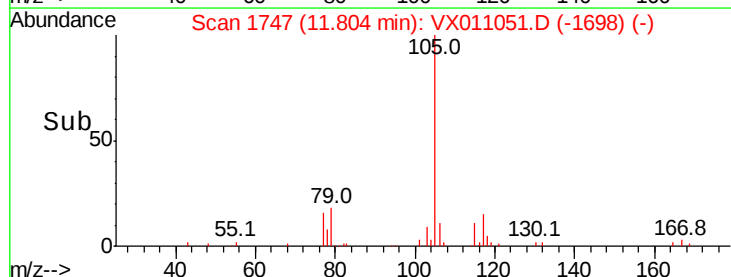
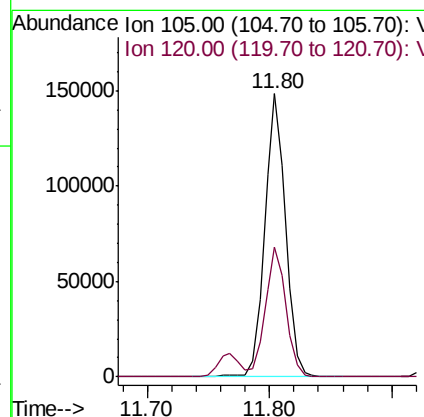
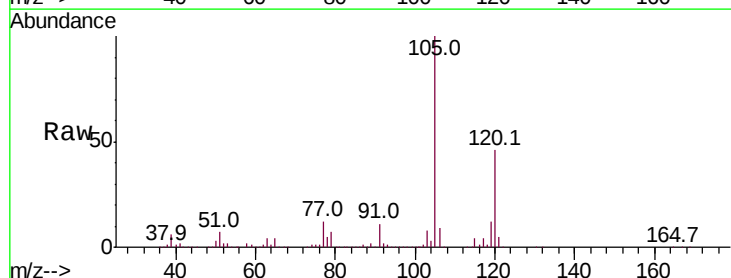
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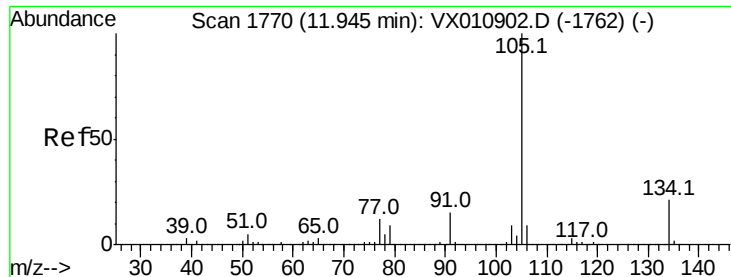
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7/25/2019 3:06:56 PM



#84
1,2,4-Trimethylbenzene
Concen: 19.687 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011051.D
Acq: 23 Jul 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	175495		
120	45.6	22.9	68.5	





#85

sec-Butylbenzene

Concen: 19.846 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion:105 Resp: 202017

Ion Ratio Lower Upper

105 100

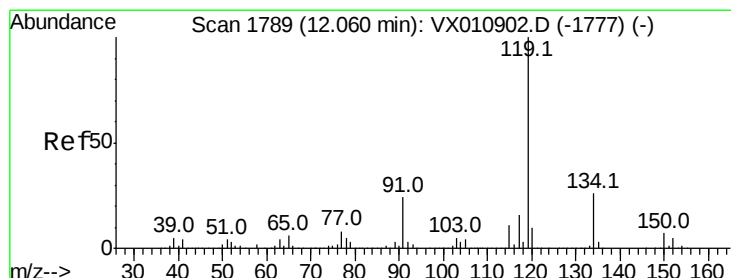
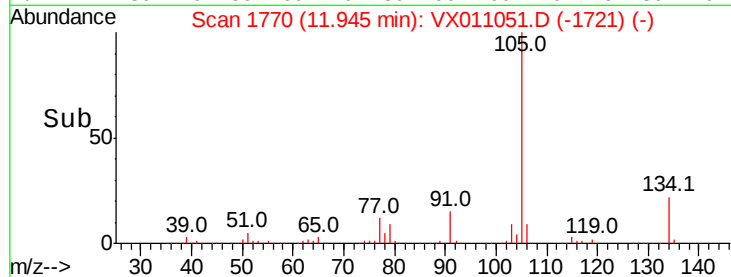
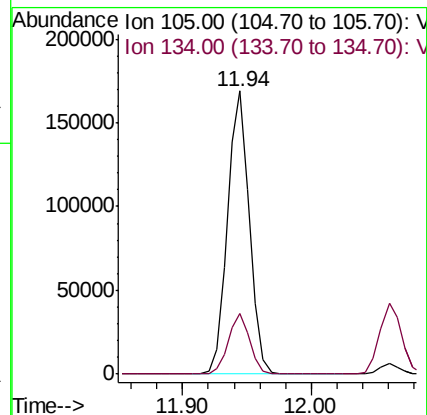
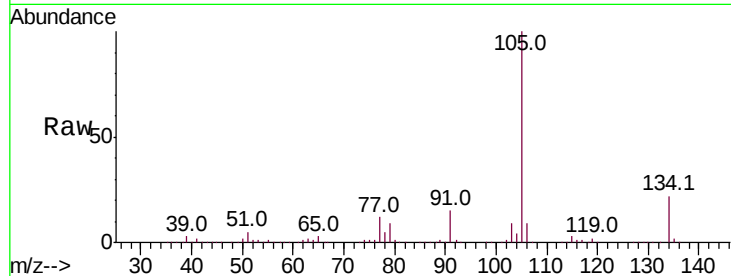
134 21.0 10.4 31.4

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7/25/2019 3:06:56 PM



#86

p-Isopropyltoluene

Concen: 20.083 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

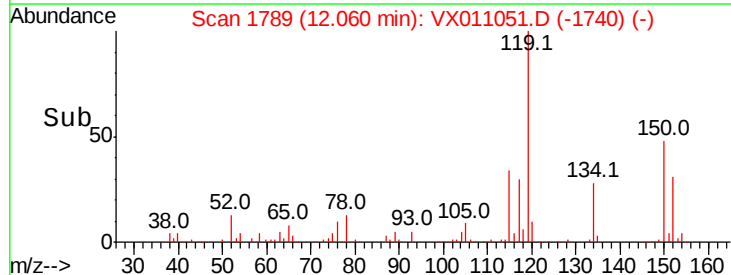
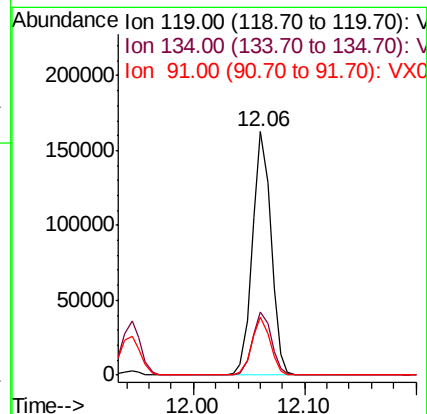
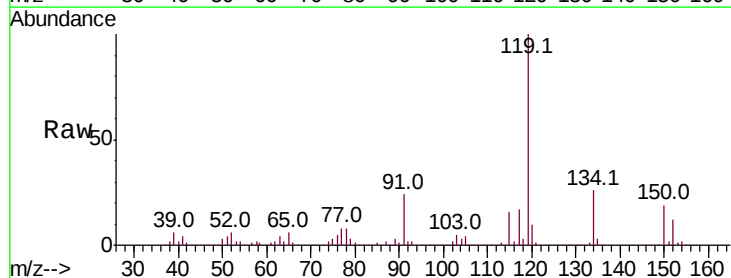
Tgt Ion:119 Resp: 188995

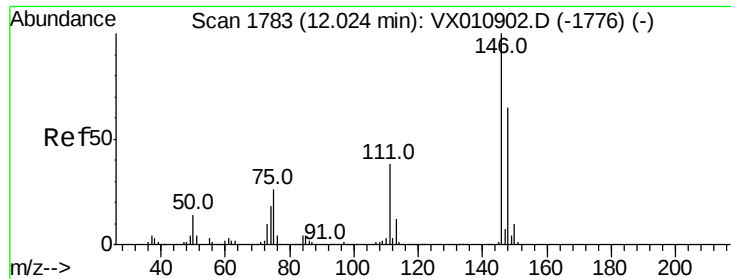
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 23.6 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 19.644 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

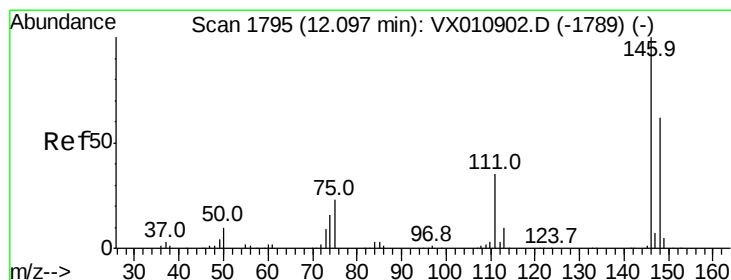
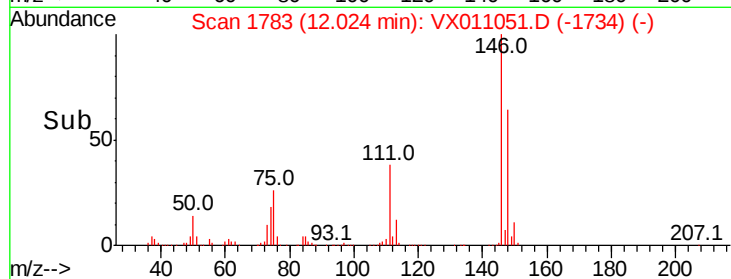
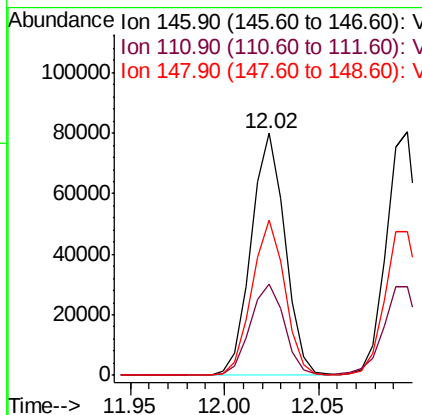
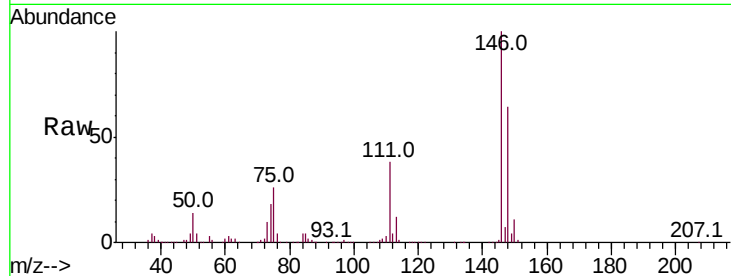
ClientSampleId :

VX0723WBS01

Tot Ion:	146	Resp:	99528
Ion Ratio	Lower	Upper	
146	100		
111	38.2	18.9	56.9
148	63.0	32.2	96.6

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#88

1,4-Dichlorobenzene

Concen: 19.162 ug/l

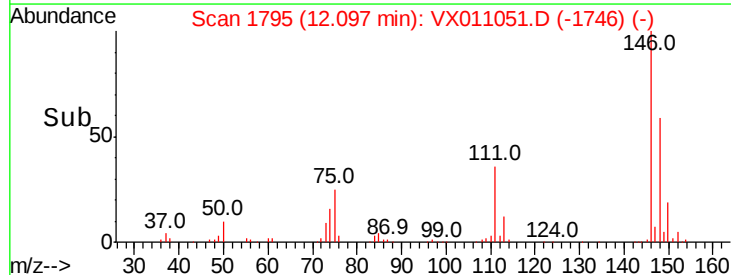
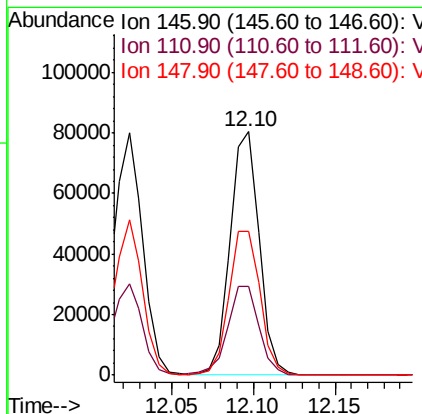
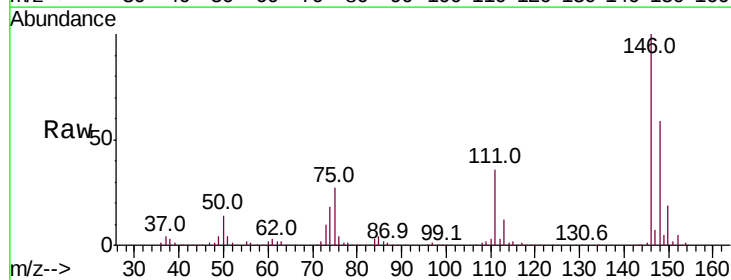
RT: 12.10 min Scan# 1795

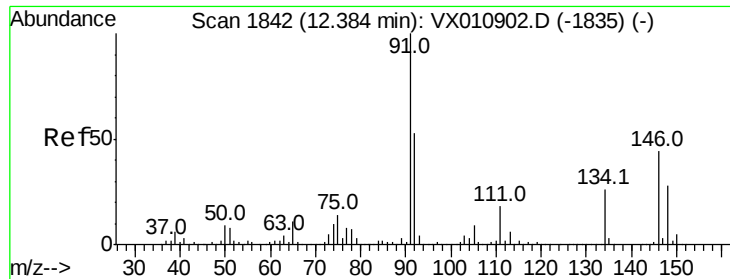
Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Tgt Ion:	146	Resp:	99570
Ion Ratio	Lower	Upper	
146	100		
111	39.8	18.6	55.8
148	63.3	31.6	94.7





#89

n-Butylbenzene

Concen: 19.857 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

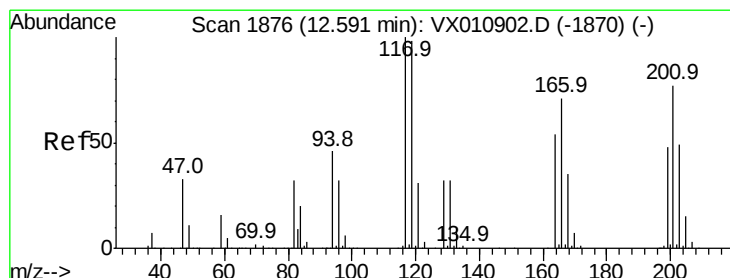
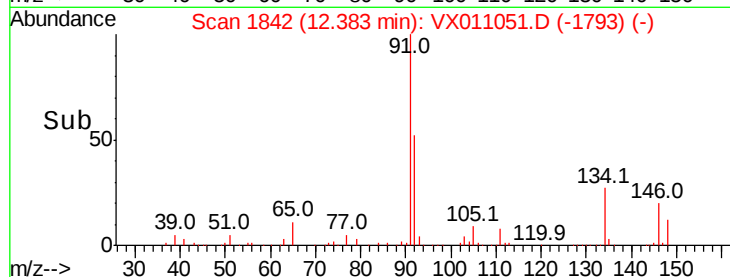
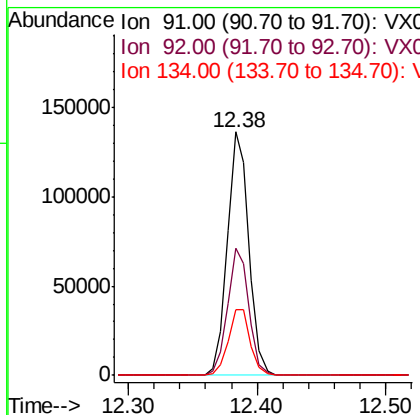
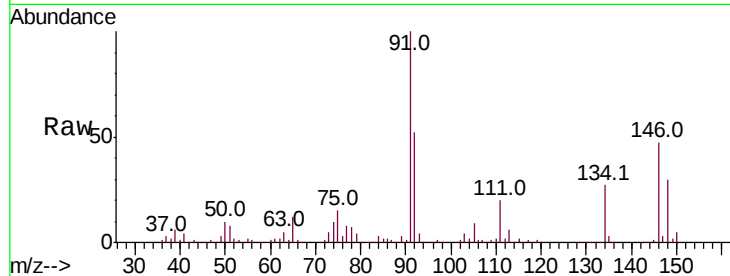
ClientSampleId :

VX0723WBS01

Tot Ion:	91	Resp:	159865
Ion Ratio	Lower	Upper	
91	100		
92	51.8	26.2	78.5
134	27.9	13.8	41.3

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#90

Hexachloroethane

Concen: 18.872 ug/l

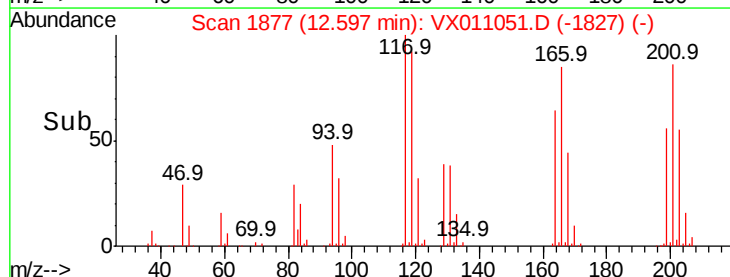
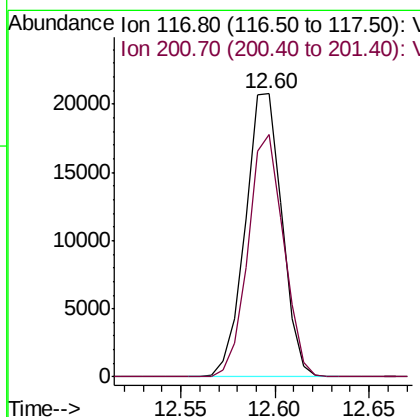
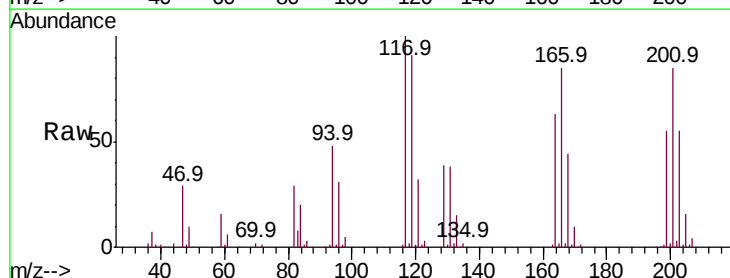
RT: 12.60 min Scan# 1877

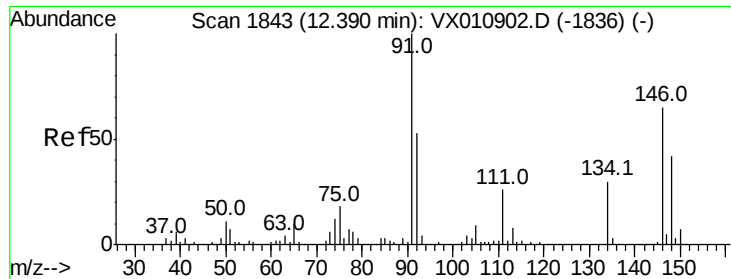
Delta R.T. 0.01 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Tgt Ion:	117	Resp:	28011
Ion Ratio	Lower	Upper	
117	100		
201	83.0	43.3	129.8





#91

1,2-Dichlorobenzene

Concen: 19.804 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

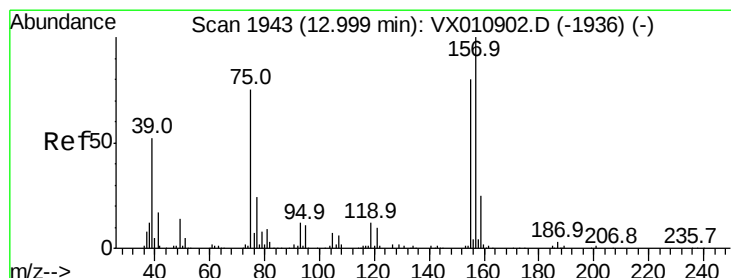
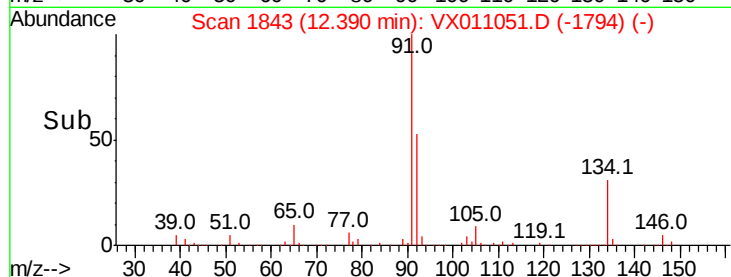
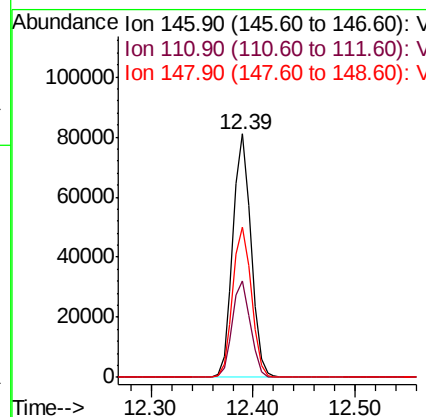
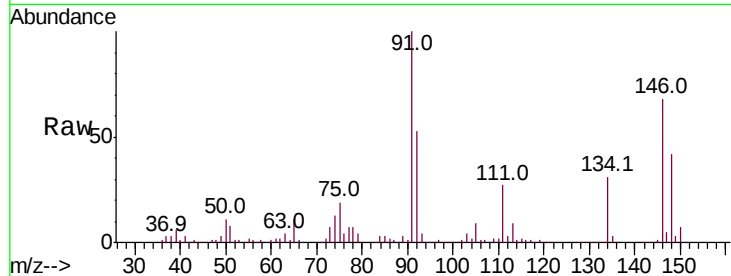
ClientSampled :

VX0723WBS01

Tot Ion:	146	Resp:	99441
Ion Ratio	Lower	Upper	
146	100		
111	39.5	19.9	59.7
148	63.2	32.0	96.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.723 ug/l

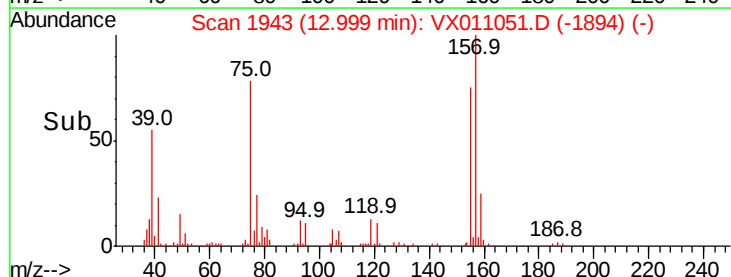
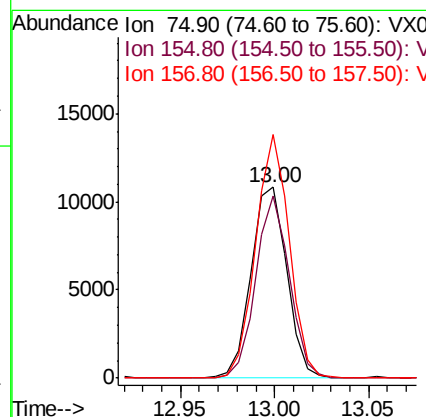
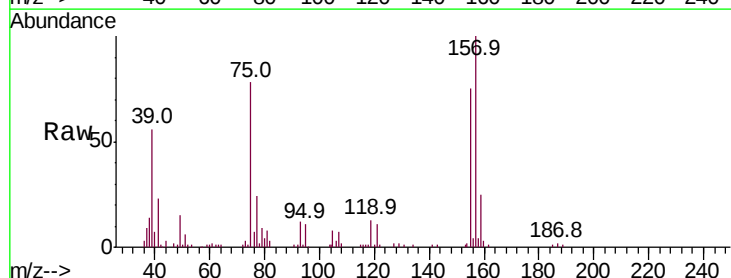
RT: 13.00 min Scan# 1943

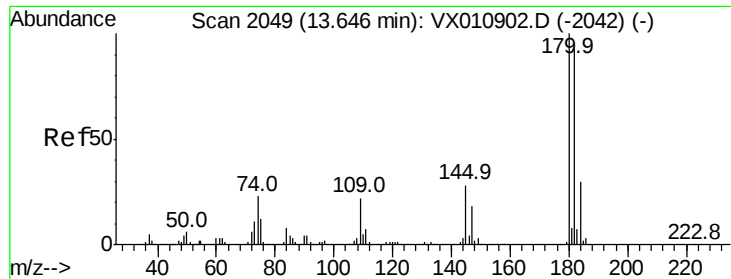
Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Tgt Ion:	75	Resp:	14280
Ion Ratio	Lower	Upper	
75	100		
155	89.6	48.7	146.1
157	119.8	62.5	187.6





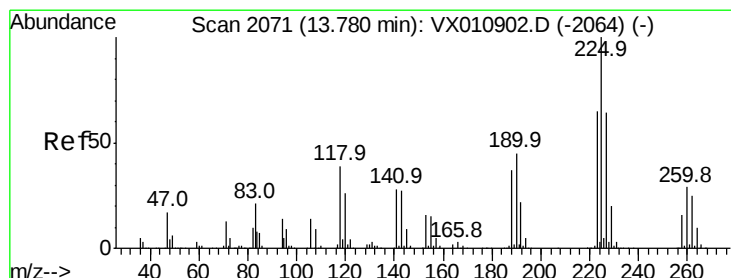
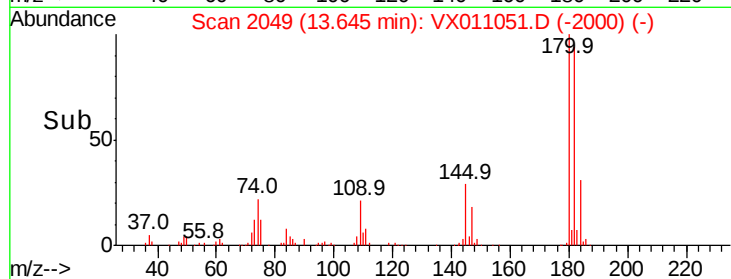
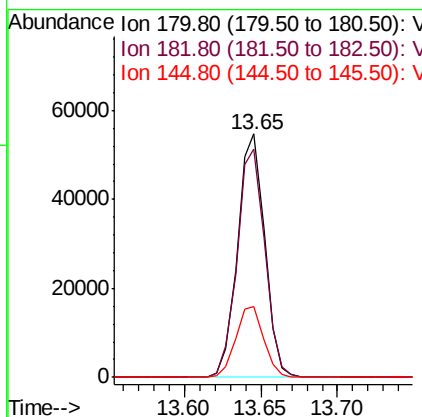
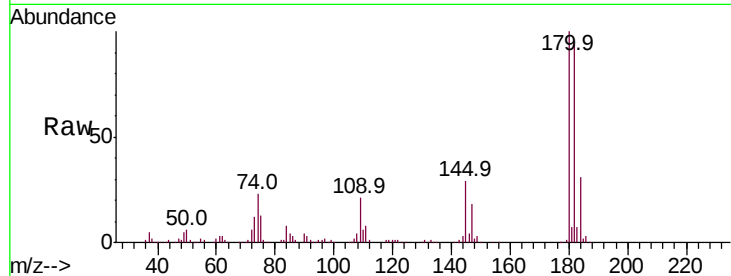
#93
 1,2,4-Trichlorobenzene
 Concen: 19.758 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.1	141.3
145	30.0	14.8	44.4

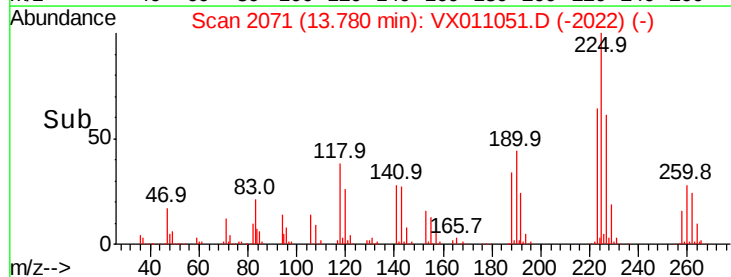
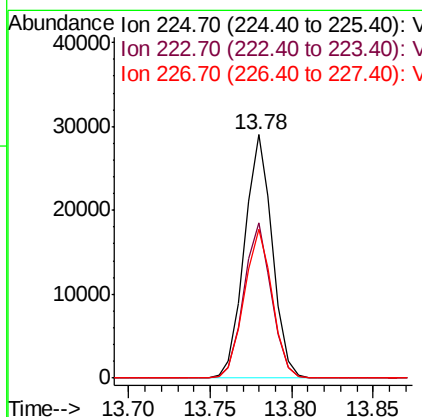
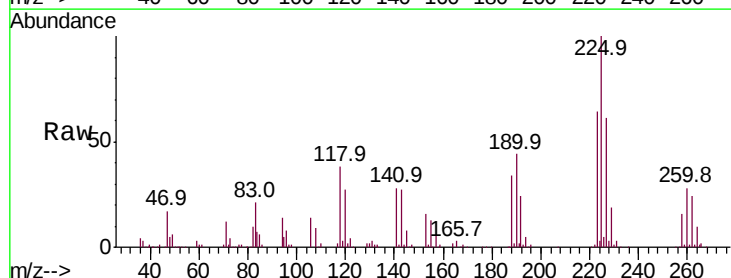
Manual Integrations
 APPROVED

MMDadoda
 7/25/2019 3:06:56 PM



#94
 Hexachlorobutadiene
 Concen: 20.493 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011051.D
 Acq: 23 Jul 2019 11:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.9	95.9
227	61.5	32.5	97.4





#95

Naphthalene

Concen: 19.896 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Instrument :

MSVOA_X

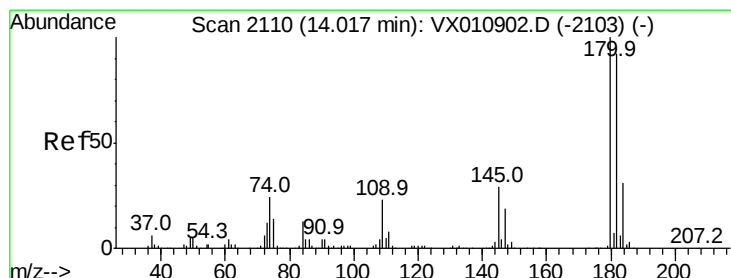
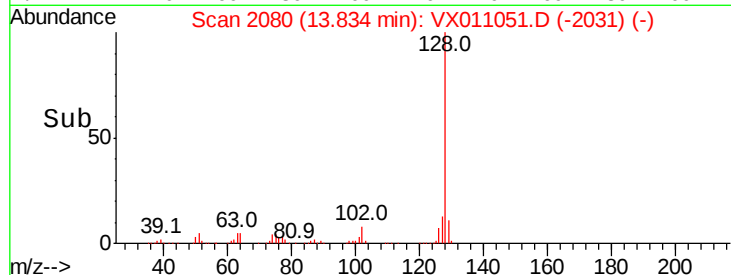
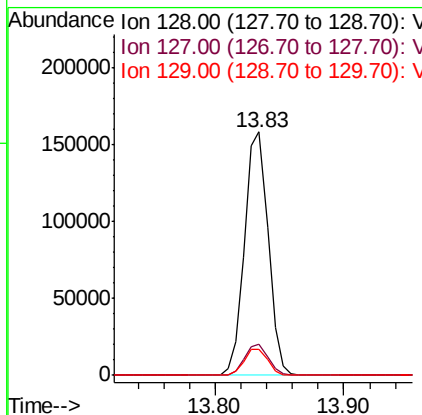
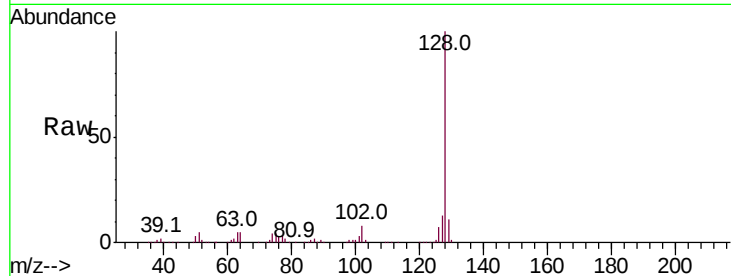
ClientSampleId :

VX0723WBS01

Tot Ion:	128	Resp:	199929
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/25/2019 3:06:56 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.137 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011051.D

Acq: 23 Jul 2019 11:43

Tgt Ion:	180	Resp:	68182
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.4	142.3
145	31.1	15.1	45.3

