

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072319\
 Data File : VX011052.D
 Acq On : 23 Jul 2019 12:08
 Operator : JC/SP
 Sample : VX0723WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD01

Manual Integrations
 APPROVED

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 7/25/2019 3:07:01 PM

Quant Time: Jul 24 05:14:24 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	244289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	357384	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	322603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174933	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	119603	46.02	ug/l	0.00
Spiked Amount			Recovery	=	92.04%	
35) Dibromofluoromethane	5.49	113	107442	47.36	ug/l	0.00
Spiked Amount			Recovery	=	94.72%	
50) Toluene-d8	8.71	98	400502	47.07	ug/l	0.00
Spiked Amount			Recovery	=	94.14%	
62) 4-Bromofluorobenzene	11.13	95	151266	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	49187	19.223	ug/l	99
3) Chloromethane	1.32	50	41064	18.279	ug/l	95
4) Vinyl Chloride	1.41	62	43458	18.966	ug/l	98
5) Bromomethane	1.64	94	24714	19.140	ug/l	95
6) Chloroethane	1.72	64	26359	18.102	ug/l	97
7) Trichlorofluoromethane	1.93	101	76432	19.705	ug/l	98
8) Diethyl Ether	2.19	74	25153	18.821	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	44546	20.114	ug/l	98
10) Methyl Iodide	2.51	142	53399	18.374	ug/l	99
11) Tert butyl alcohol	3.04	59	58686	96.961	ug/l	100
12) 1,1-Dichloroethene	2.37	96	40968	18.828	ug/l	96
13) Acrolein	2.29	56	26303	75.217	ug/l	100
14) Allyl chloride	2.73	41	61605	19.491	ug/l	97
15) Acrylonitrile	3.14	53	116181	94.995	ug/l	99
16) Acetone	2.44	43	120776	102.896	ug/l	97
17) Carbon Disulfide	2.57	76	95896	17.181	ug/l	98
18) Methyl Acetate	2.77	43	53423	19.988	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	138047	19.707	ug/l	98
20) Methylene Chloride	2.85	84	46238	18.588	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	43961	19.041	ug/l	99
22) Diisopropyl ether	3.85	45	129921	19.490	ug/l	95
23) Vinyl Acetate	3.81	43	550562	97.478	ug/l	100
24) 1,1-Dichloroethane	3.70	63	73342	18.945	ug/l	99
25) 2-Butanone	4.67	43	167522	99.423	ug/l	99
26) 2,2-Dichloropropane	4.58	77	61931	19.483	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	50866	19.036	ug/l	99
28) Bromochloromethane	5.02	49	34136	18.712	ug/l	99
29) Tetrahydrofuran	5.13	42	101781	95.363	ug/l	100
30) Chloroform	5.21	83	80492	19.236	ug/l	95
31) Cyclohexane	5.57	56	66885	18.955	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	69798	19.280	ug/l	98
36) 1,1-Dichloropropene	5.80	75	58824	20.038	ug/l	99
37) Ethyl Acetate	4.83	43	57087	18.991	ug/l	99
38) Carbon Tetrachloride	5.78	117	60454	19.763	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 VX0723WBSD01

Manual Integrations
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 7/25/2019 3:07:01 PM

Quant Time: Jul 24 05:14:24 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	75052	19.715	ug/l	98
40) Benzene	6.14	78	175778	19.548	ug/l	98
41) Methacrylonitrile	5.04	41	31785	18.627	ug/l	98
42) 1,2-Dichloroethane	6.19	62	63447	20.293	ug/l	98
43) Isopropyl Acetate	6.44	43	95953	19.413	ug/l	99
44) Trichloroethene	7.21	130	51797	19.460	ug/l	91
45) 1,2-Dichloropropane	7.51	63	44662	19.514	ug/l	99
46) Dibromomethane	7.66	93	32329	19.768	ug/l	99
47) Bromodichloromethane	7.90	83	58881	20.226	ug/l	96
48) Methyl methacrylate	7.77	41	46397	19.269	ug/l	97
49) 1,4-Dioxane	7.74	88	26681	396.138	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	319325	99.663	ug/l	100
52) Toluene	8.78	92	116643	19.746	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	60847	19.438	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	68700	19.723	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	48821	20.072	ug/l	99
56) Ethyl methacrylate	9.18	69	71574	20.117	ug/l	98
57) 1,3-Dichloropropane	9.37	76	75851	19.658	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	162530	95.696	ug/l	100
59) 2-Hexanone	9.49	43	254623	102.459	ug/l	99
60) Dibromochloromethane	9.58	129	49597	19.350	ug/l	100
61) 1,2-Dibromoethane	9.67	107	51007	19.760	ug/l	99
64) Tetrachloroethene	9.34	164	51197	20.173	ug/l	96
65) Chlorobenzene	10.13	112	132435	19.987	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	46806	20.099	ug/l	97
67) Ethyl Benzene	10.25	91	225577	20.001	ug/l	99
68) m/p-Xylenes	10.36	106	174322	40.294	ug/l	99
69) o-Xylene	10.69	106	84487	20.010	ug/l	100
70) Styrene	10.71	104	143761	20.425	ug/l	99
71) Bromoform	10.85	173	35803	18.574	ug/l #	99
73) Isopropylbenzene	11.02	105	231561	19.590	ug/l	98
74) N-amyl acetate	10.90	43	87868	19.455	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	74990	19.386	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	61734m	19.556	ug/l	
77) Bromobenzene	11.26	156	63340	19.427	ug/l	99
78) n-propylbenzene	11.36	91	259797	19.892	ug/l	100
79) 2-Chlorotoluene	11.42	91	151665	19.331	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	194469	19.689	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20097	18.825	ug/l	93
82) 4-Chlorotoluene	11.51	91	178718	19.572	ug/l	100
83) tert-Butylbenzene	11.77	119	190813	19.668	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	195053	19.593	ug/l	99
85) sec-Butylbenzene	11.94	105	229082	20.152	ug/l	100
86) p-Isopropyltoluene	12.06	119	214316	20.393	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	113813	20.115	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	112530	19.391	ug/l	98
89) n-Butylbenzene	12.38	91	181933	20.235	ug/l	99
90) Hexachloroethane	12.59	117	30953	18.673	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	110972	19.789	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15439	19.094	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

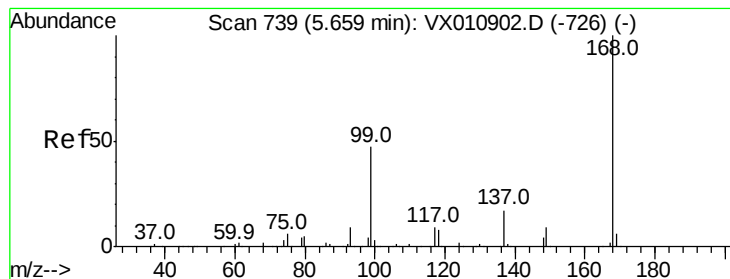
Manual Integrations
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7/25/2019 3:07:01 PM

Quant Time: Jul 24 05:14:24 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	77377	20.360	ug/l	99
94) Hexachlorobutadiene	13.78	225	38380	20.379	ug/l	99
95) Naphthalene	13.83	128	225170	20.064	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	76679	20.278	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: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleID :

VX0723WBSD01

Tot Ion:168 Resp: 244289

Ion Ratio Lower Upper

168 100

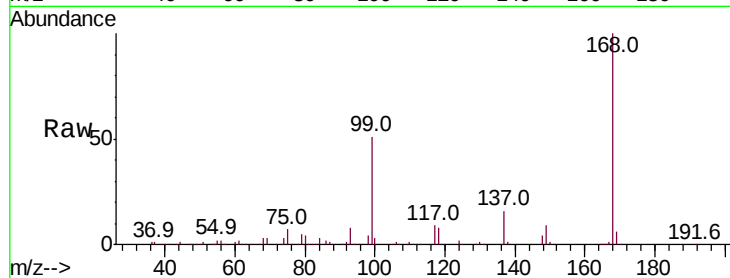
99 51.0 37.6 56.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

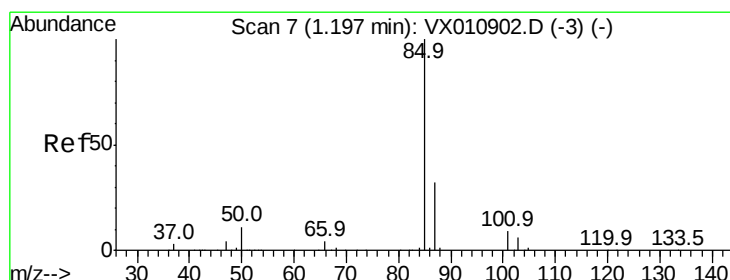
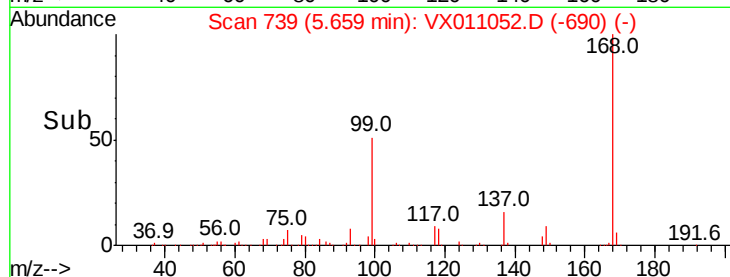
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.223 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011052.D

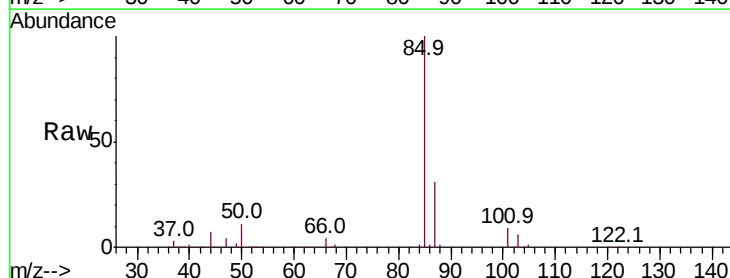
Acq: 23 Jul 2019 12:08

Tgt Ion: 85 Resp: 49187

Ion Ratio Lower Upper

85 100

87 31.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

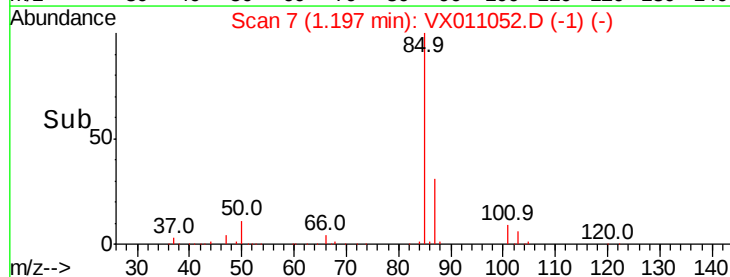
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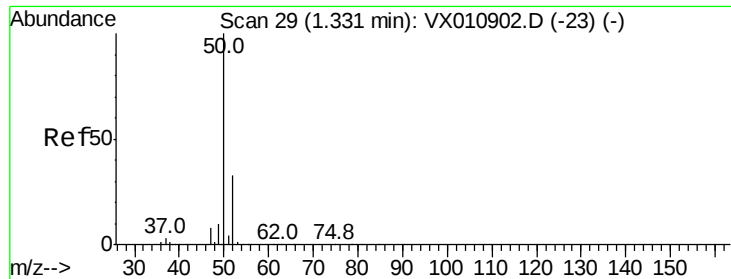
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.279 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion: 50 Resp: 41064

Ion Ratio Lower Upper

50 100

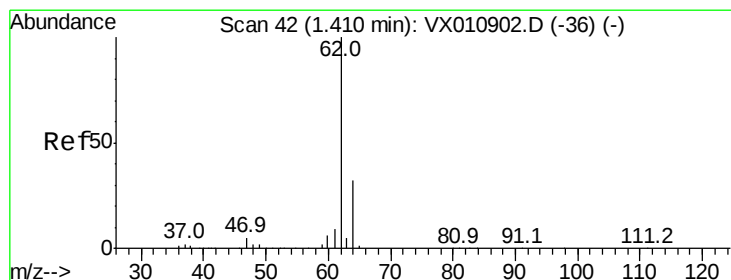
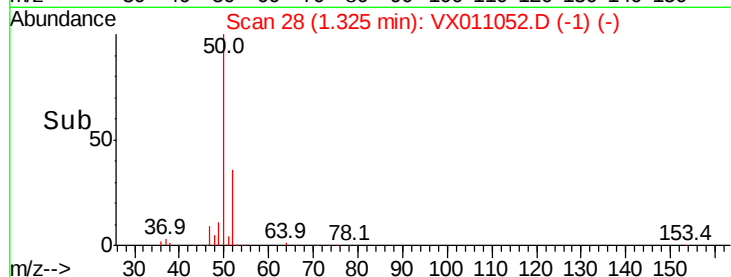
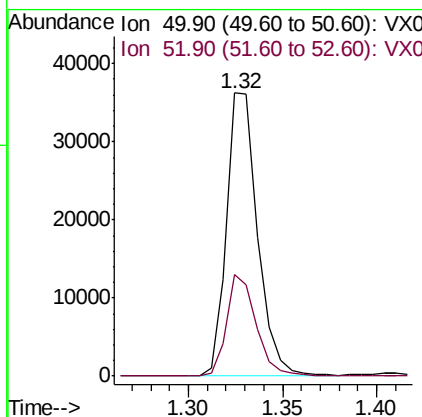
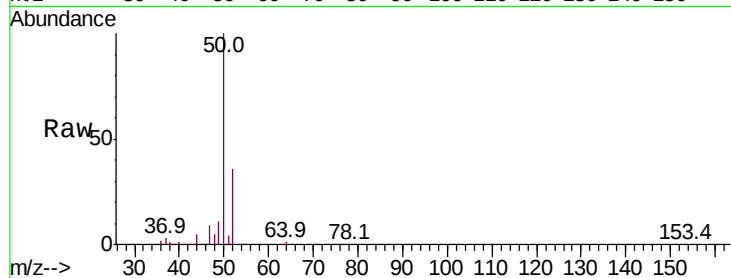
52 35.8 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.966 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011052.D

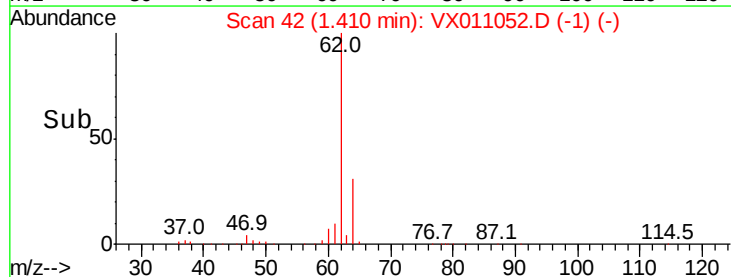
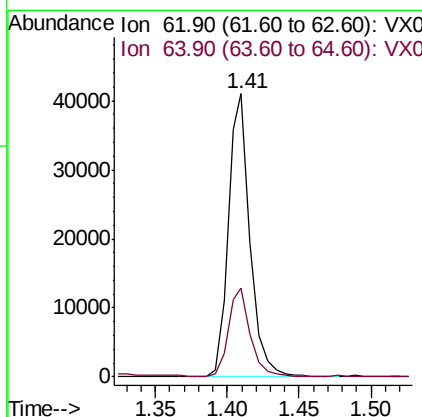
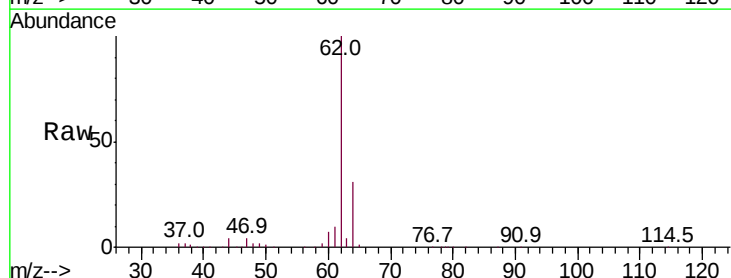
Acq: 23 Jul 2019 12:08

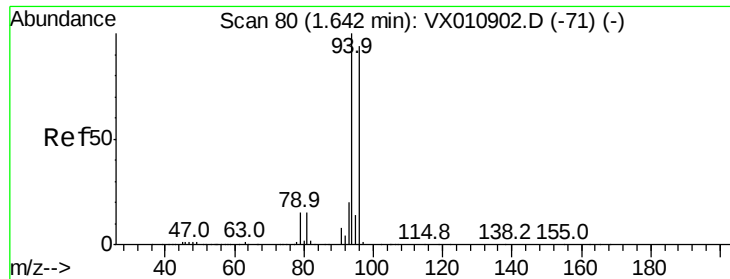
Tgt Ion: 62 Resp: 43458

Ion Ratio Lower Upper

62 100

64 31.1 25.7 38.5





#5

Bromomethane

Concen: 19.140 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion: 94 Resp: 24714

Ion Ratio Lower Upper

94 100

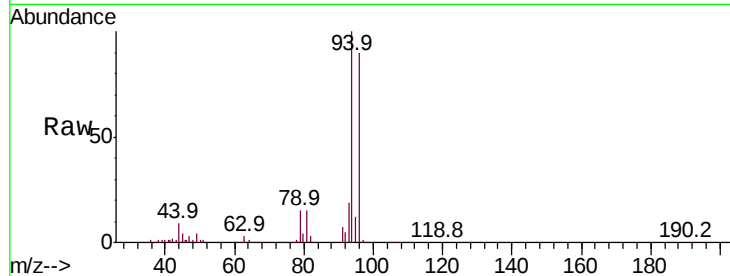
96 89.6 75.6 113.4

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

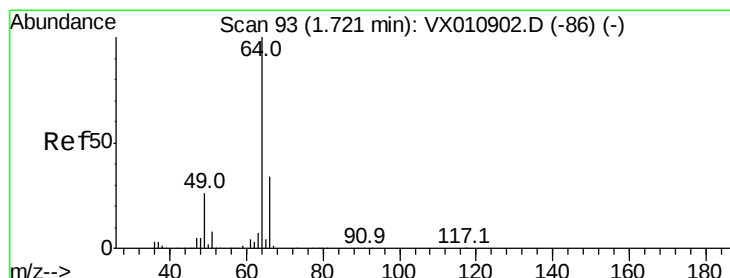
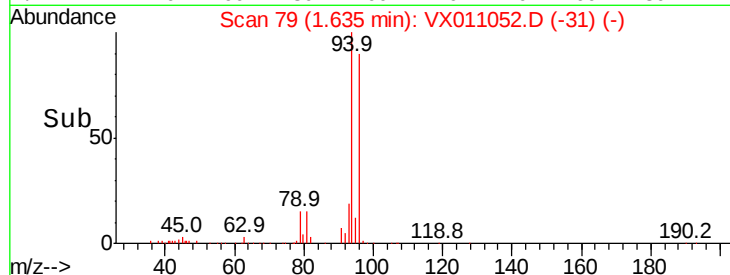
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 18.102 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX011052.D

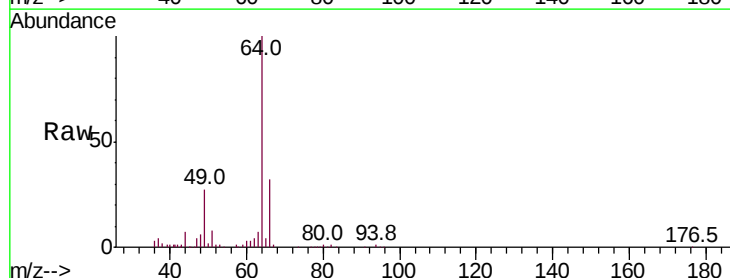
Acq: 23 Jul 2019 12:08

Tgt Ion: 64 Resp: 26359

Ion Ratio Lower Upper

64 100

66 32.0 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

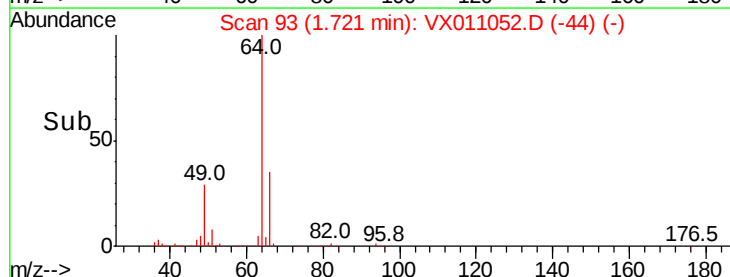
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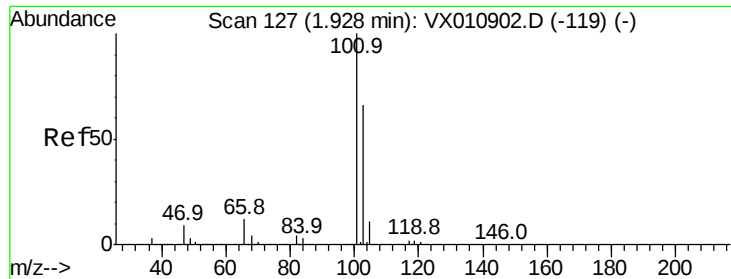
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0

Time-->





#7

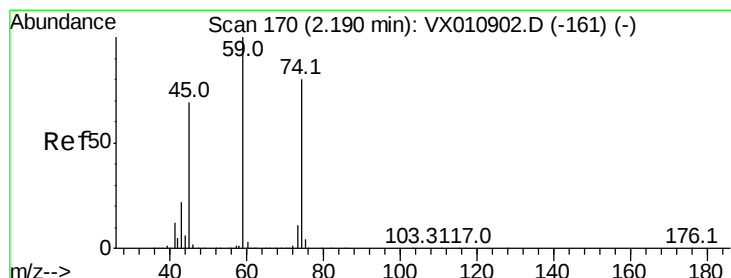
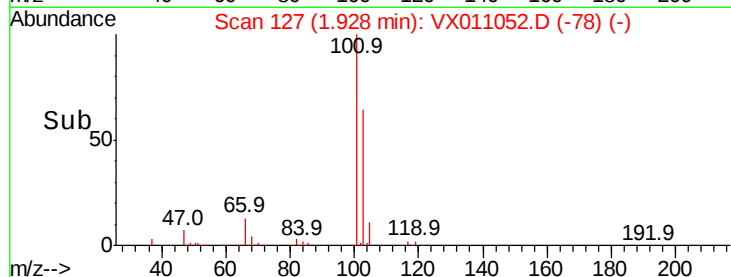
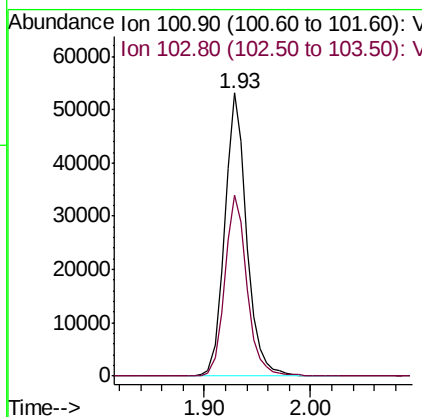
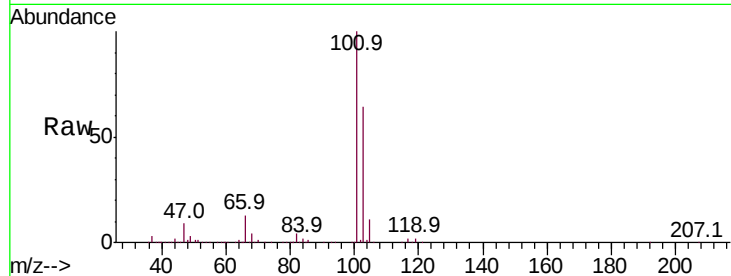
Trichlorofluoromethane
 Concen: 19.705 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.6	78.8

Manual Integrations
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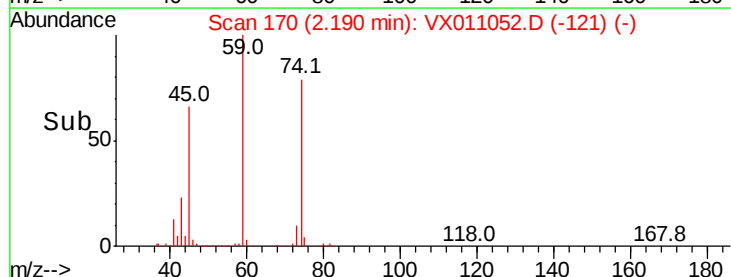
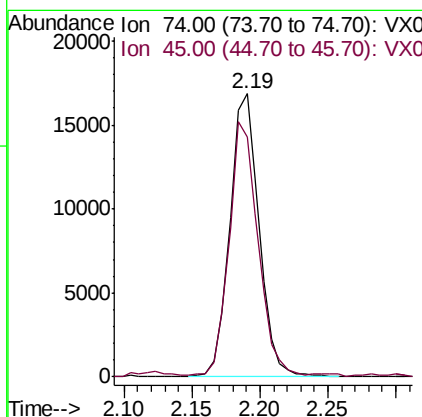
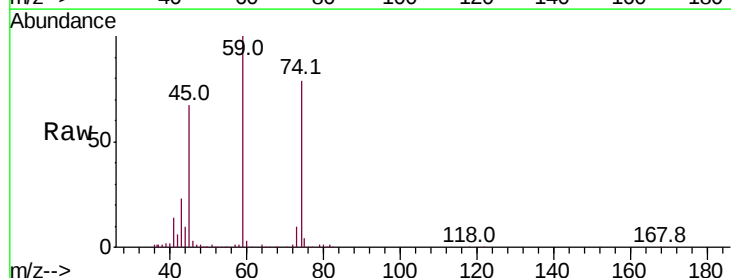
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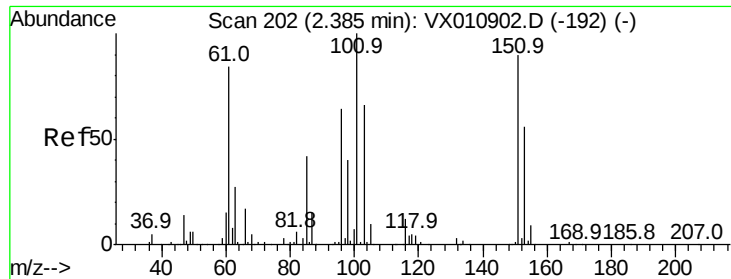


#8

Diethyl Ether
 Concen: 18.821 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.3	45.5	136.5





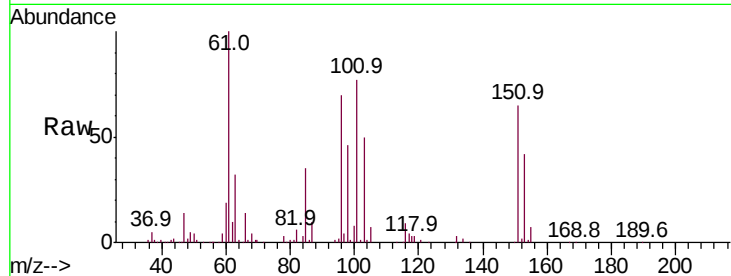
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.114 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.01 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Instrument :
MSVOA_X
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VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.9	34.6	52.0
151	84.5	69.6	104.4

Manual Integrations
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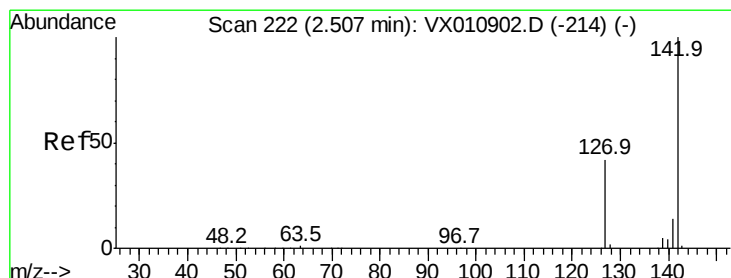
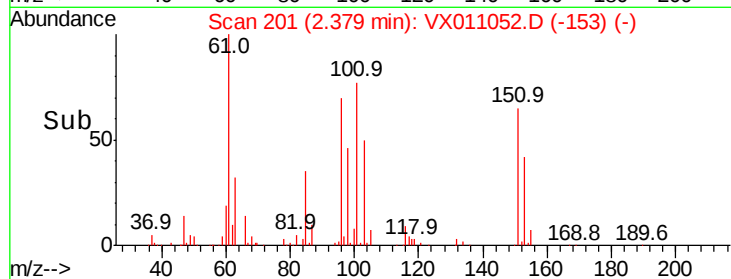
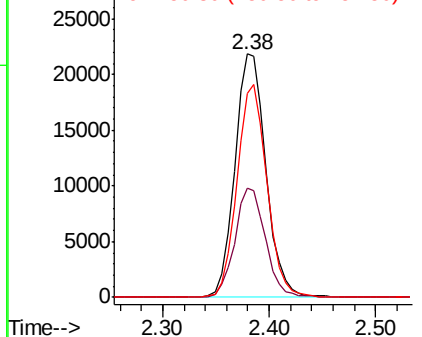


Abundance

Ion 100.90 (100.60 to 101.60): V

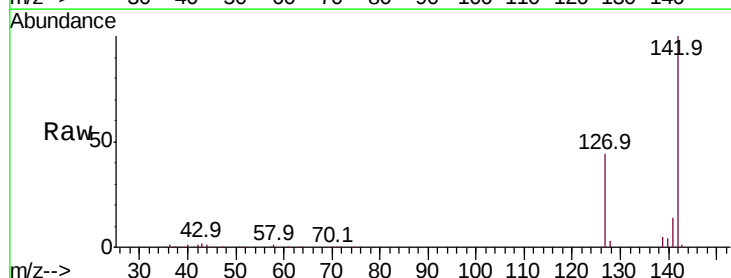
Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10
Methyl Iodide
Concen: 18.374 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.7	34.2	51.4
141	14.3	11.7	17.5

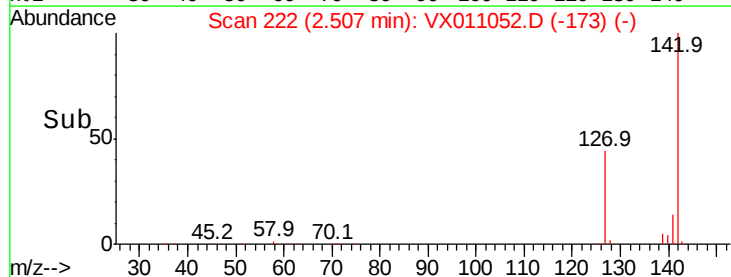
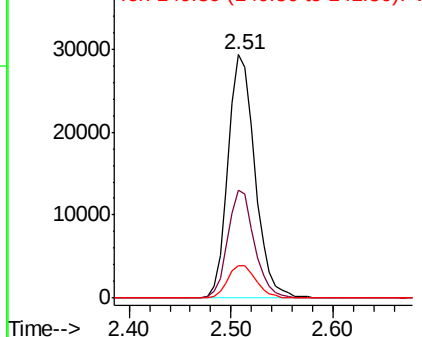


Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

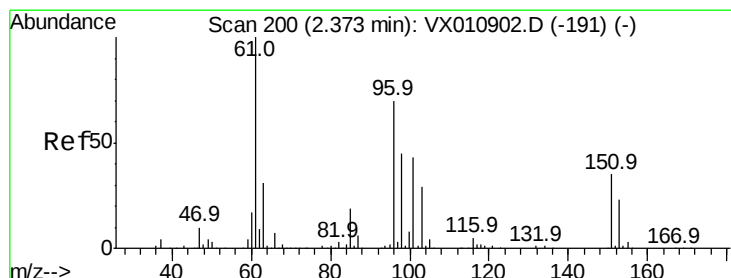
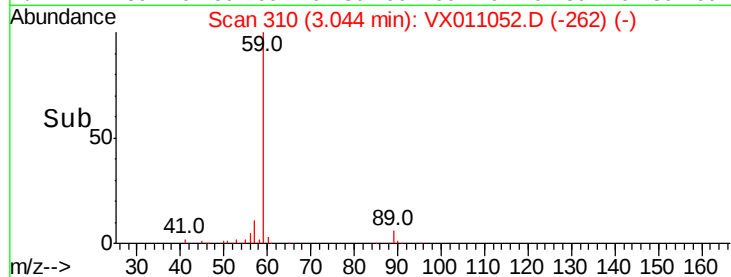
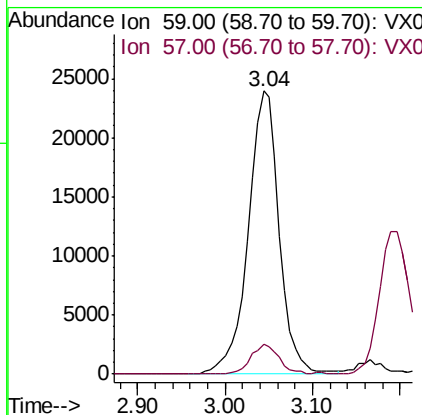
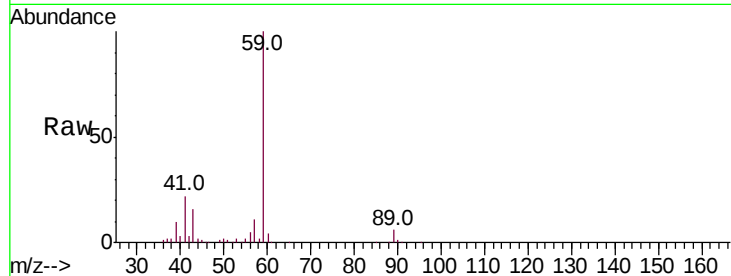
Tert butyl alcohol
Concen: 96.961 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Instrument :
MSVOA_X
ClientSampleID :
VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.9	11.9

Manual Integrations
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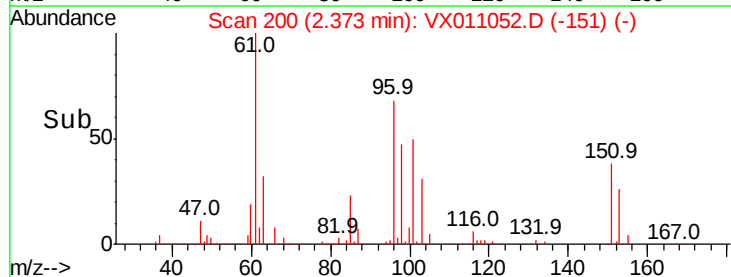
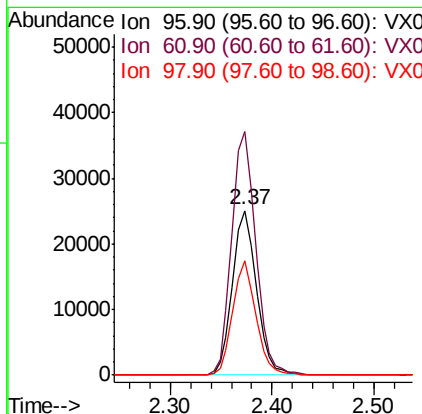
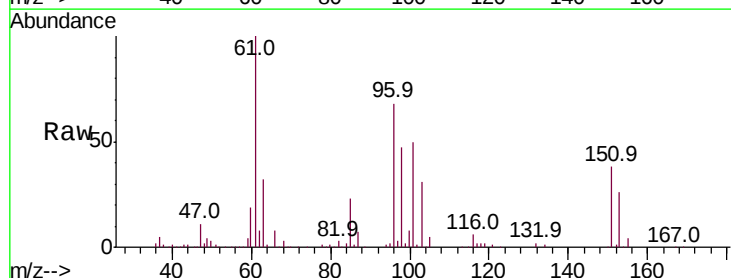
MMDadoda
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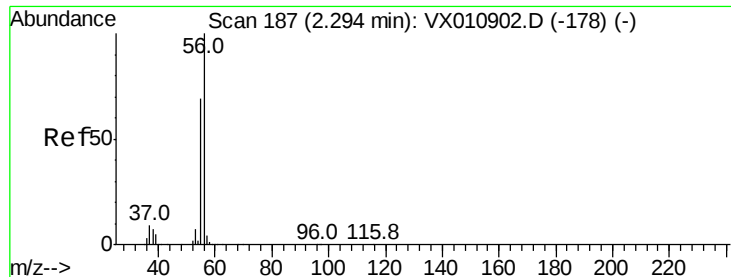


#12

1,1-Dichloroethene
Concen: 18.828 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.0	115.0	172.4
98	69.6	52.2	78.2





#13

Acrolein

Concen: 75.217 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion: 56 Resp: 26303

Ion Ratio Lower Upper

56 100

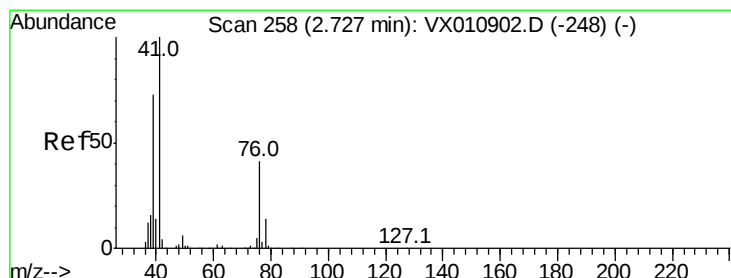
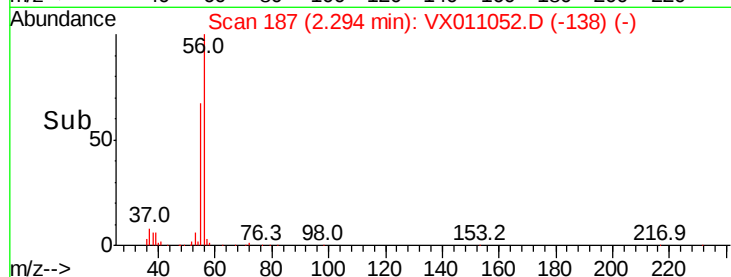
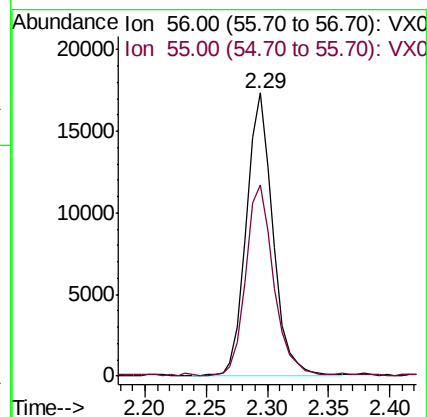
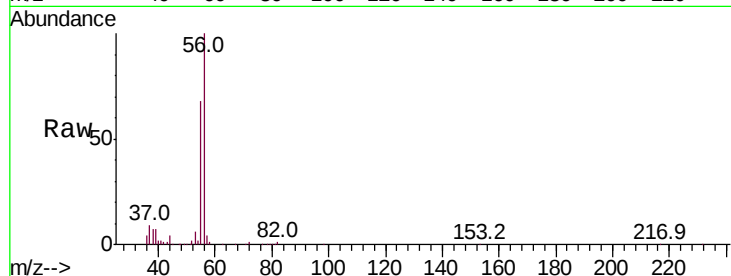
55 69.6 55.9 83.9

Manual Integrations

APPROVED

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#14

Allyl chloride

Concen: 19.491 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

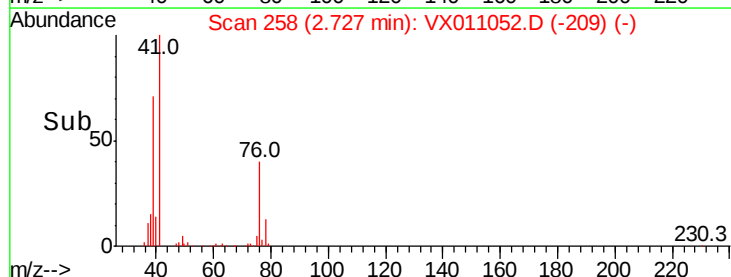
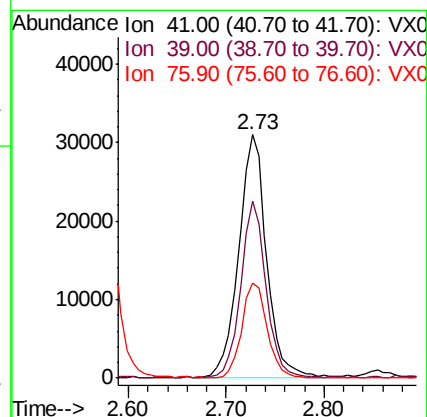
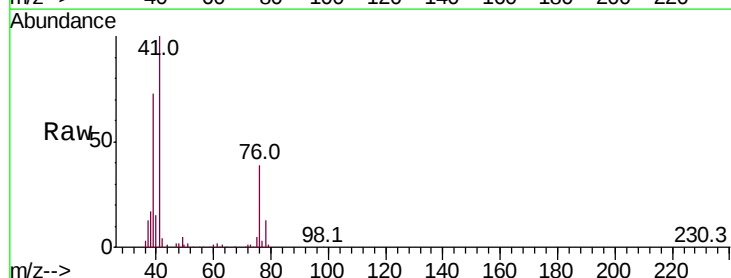
Tgt Ion: 41 Resp: 61605

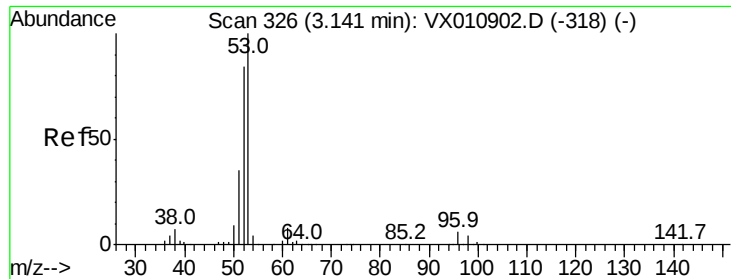
Ion Ratio Lower Upper

41 100

39 64.5 53.6 80.4

76 36.1 29.7 44.5





#15

Acrylonitrile

Concen: 94.995 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

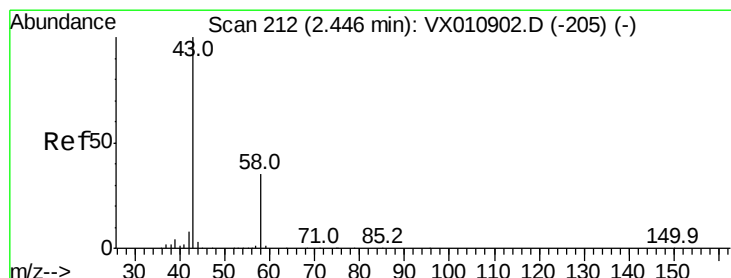
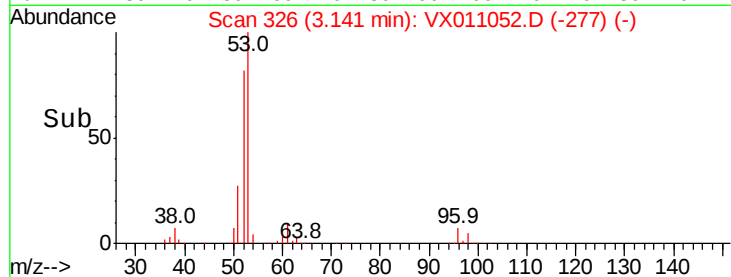
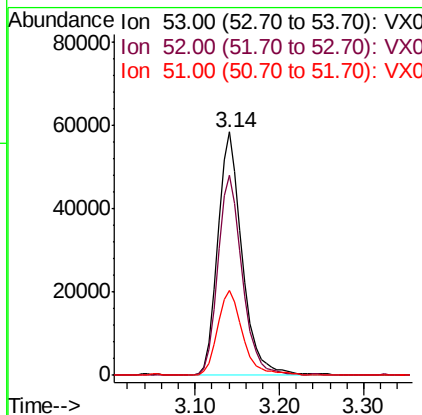
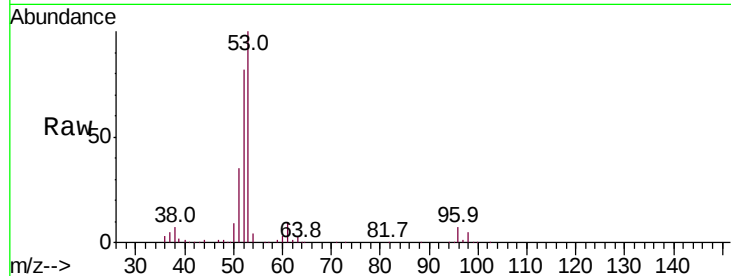
ClientSampleId :

VX0723WBSD01

Tot Ion:	53	Resp:	116181
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.5	99.7
51	36.4	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 102.896 ug/l

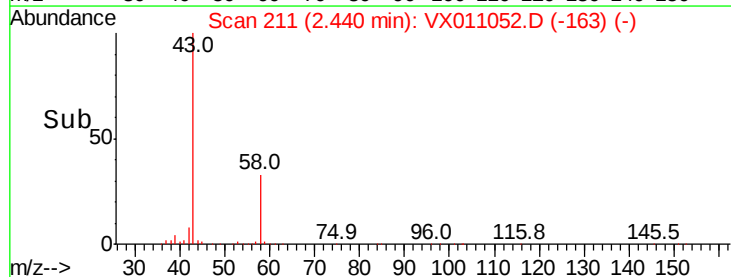
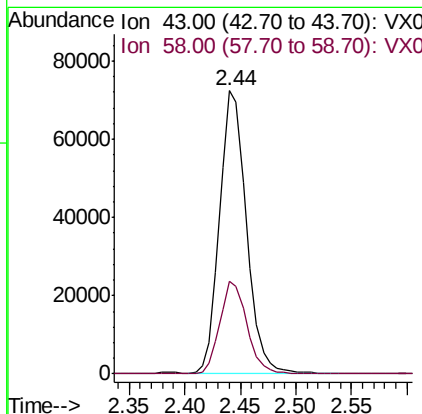
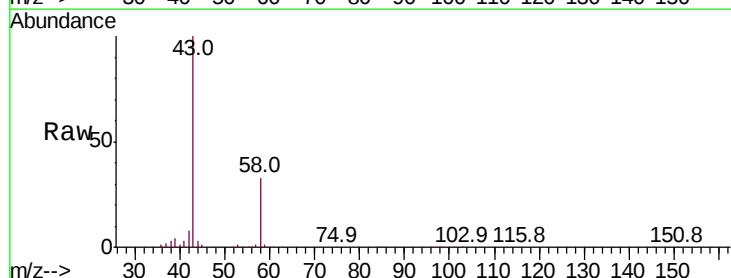
RT: 2.44 min Scan# 211

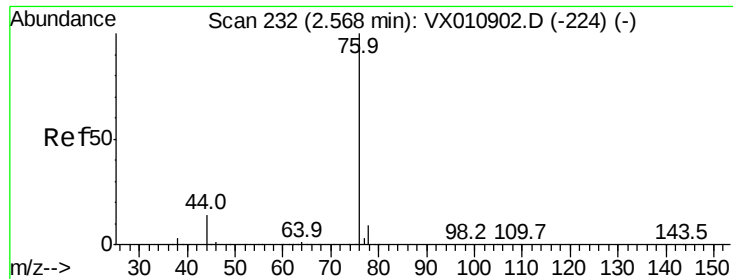
Delta R.T. -0.01 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Tgt Ion:	43	Resp:	120776
Ion Ratio	Lower	Upper	
43	100		
58	32.9	27.7	41.5





#17

Carbon Disulfide

Concen: 17.181 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion: 76 Resp: 95896

Ion Ratio Lower Upper

76 100

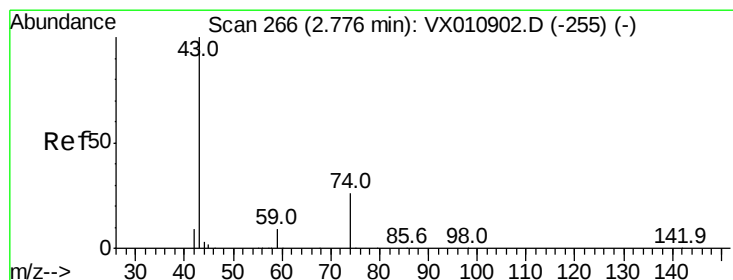
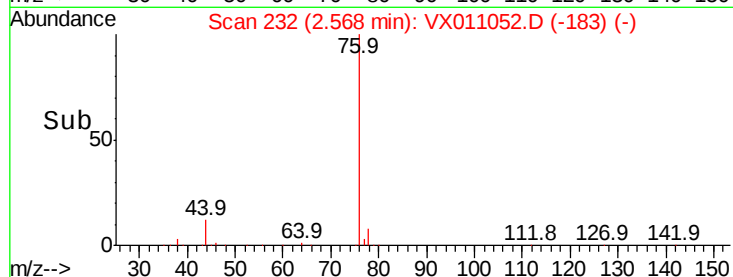
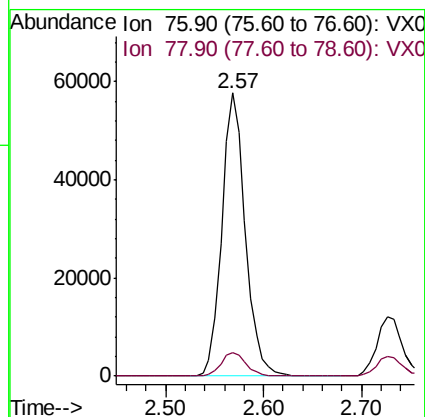
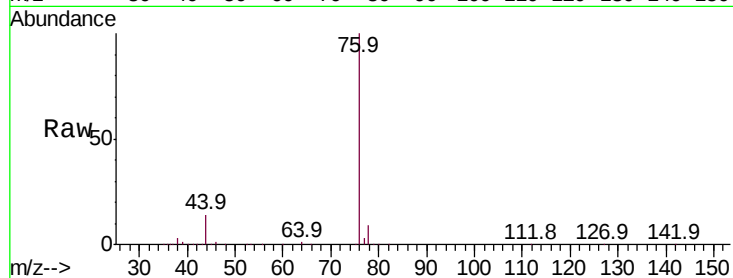
78 8.5 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 19.988 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX011052.D

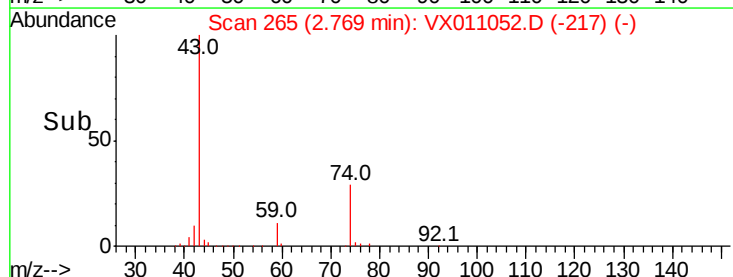
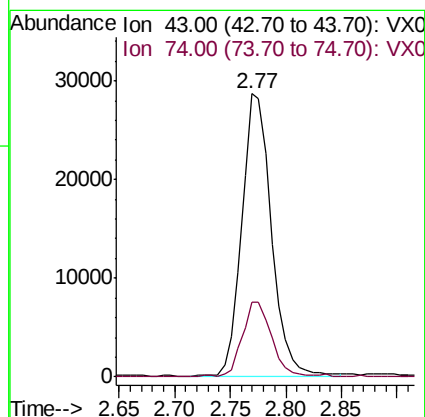
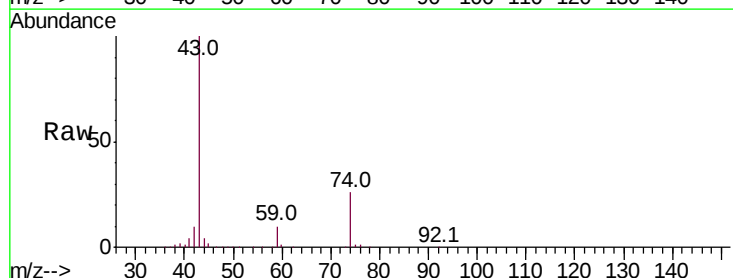
Acq: 23 Jul 2019 12:08

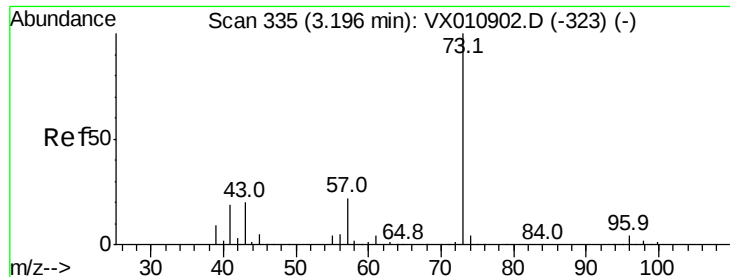
Tgt Ion: 43 Resp: 53423

Ion Ratio Lower Upper

43 100

74 26.1 21.5 32.3





#19

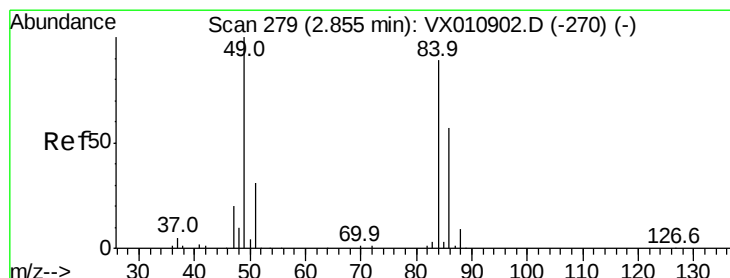
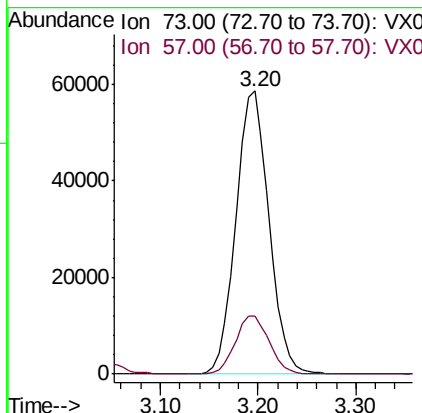
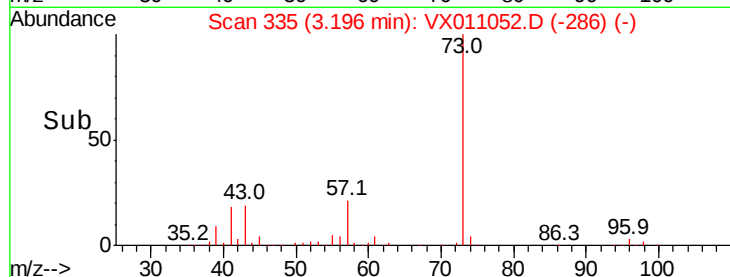
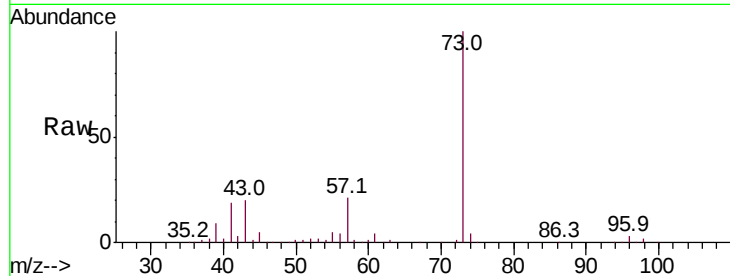
Methyl tert-butyl Ether
 Concen: 19.707 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.3	25.9

Manual Integrations
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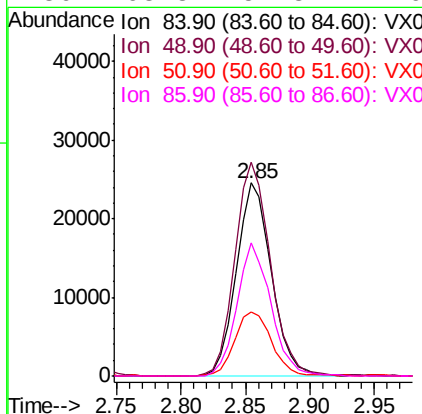
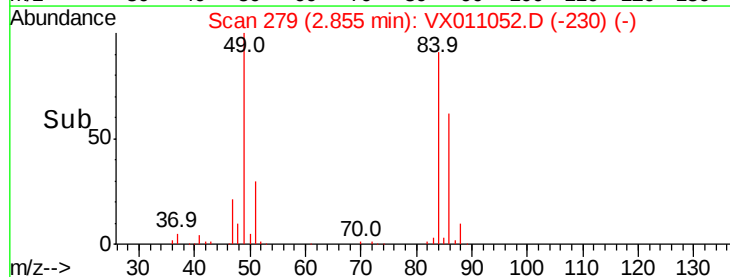
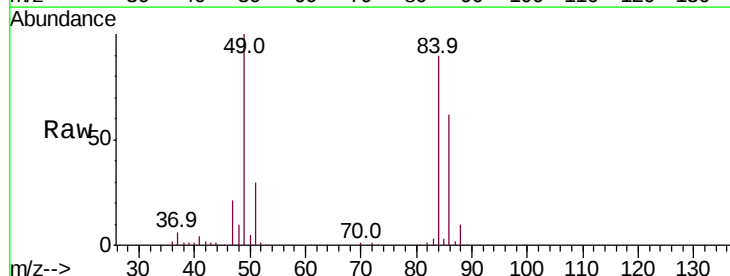
MMDadoda
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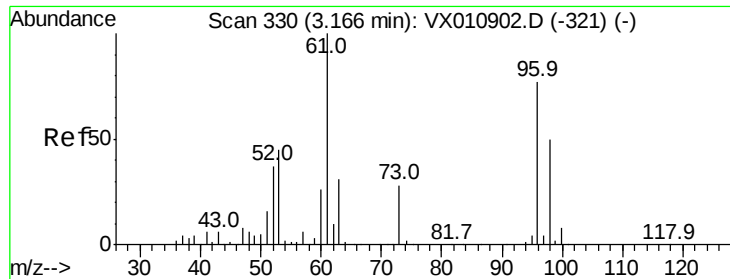


#20

Methylene Chloride
 Concen: 18.588 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.7	89.9	134.9
51	33.2	27.8	41.6
86	68.8	51.8	77.6





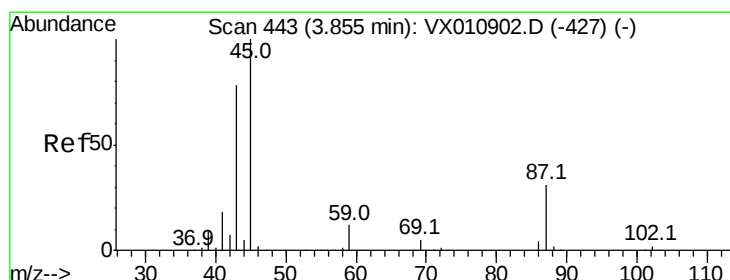
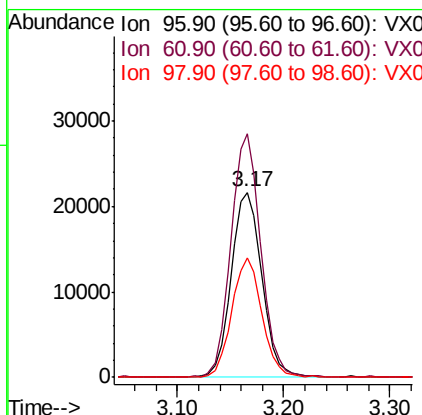
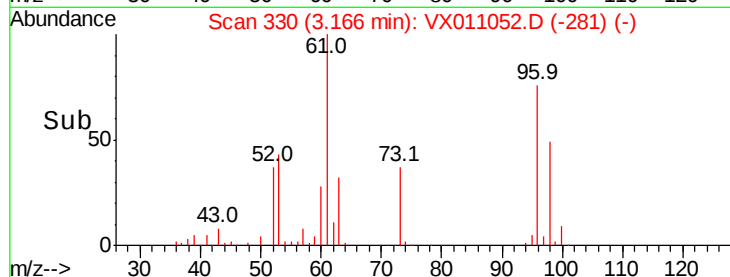
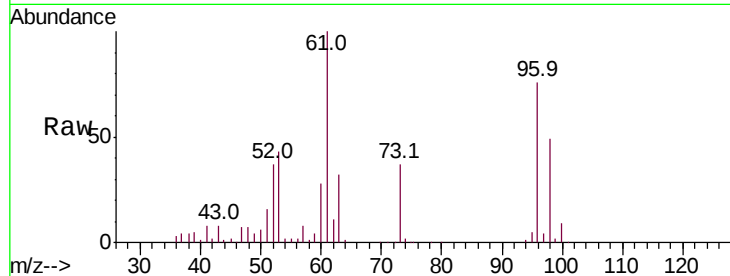
#21
trans-1,2-Dichloroethene
Concen: 19.041 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.1	104.2	156.2
98	64.1	52.2	78.4

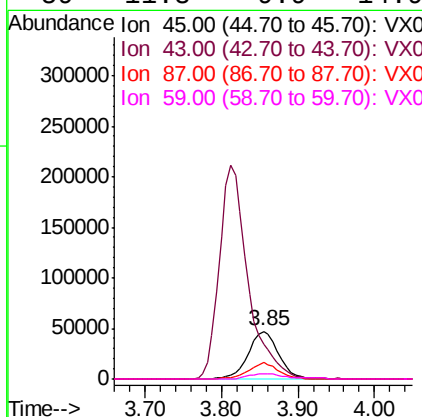
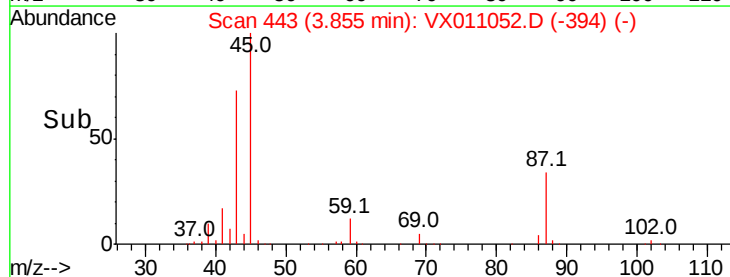
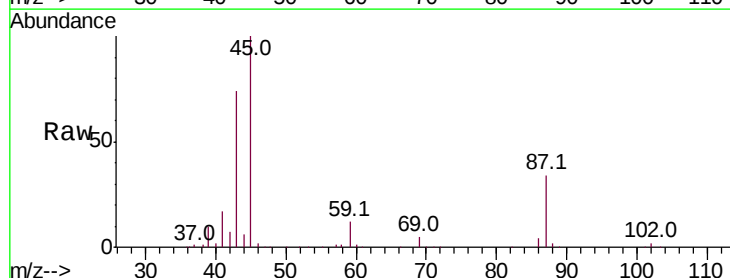
Manual Integrations
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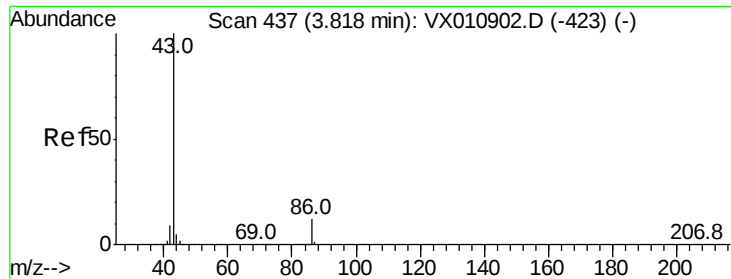
MMDadoda
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#22
Diisopropyl ether
Concen: 19.490 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion	Ratio	Lower	Upper
45	100		
43	73.3	62.3	93.5
87	33.7	25.0	37.4
59	11.8	9.9	14.9





#23

Vinyl Acetate

Concen: 97.478 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion: 43 Resp: 550562

Ion Ratio Lower Upper

43 100

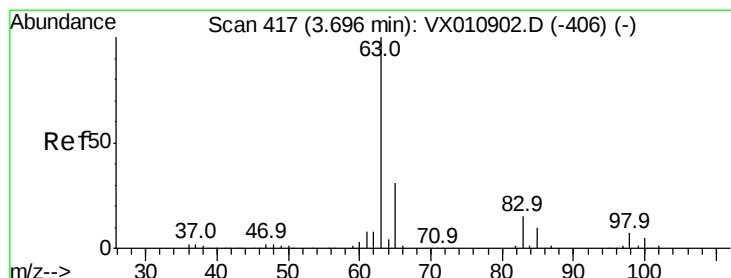
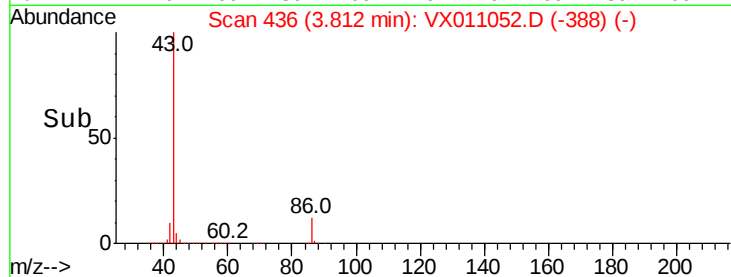
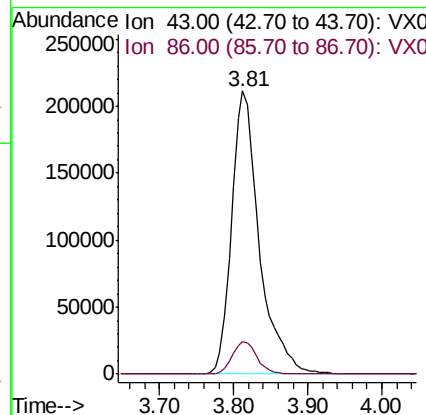
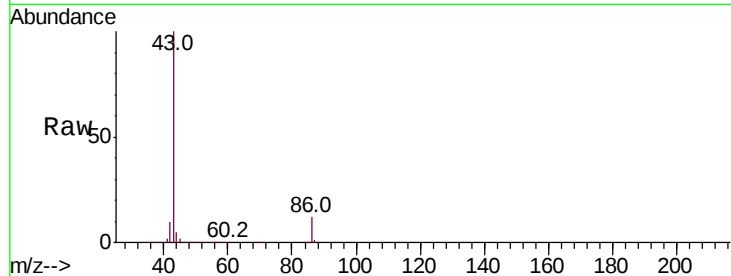
86 11.6 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.945 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

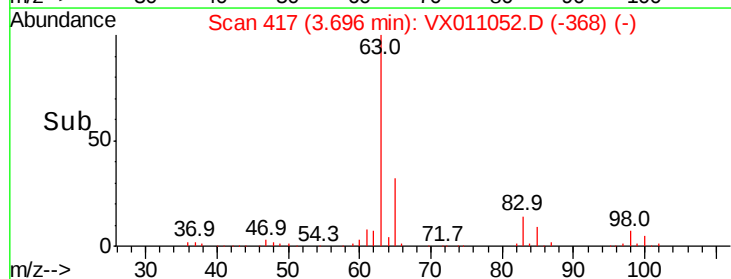
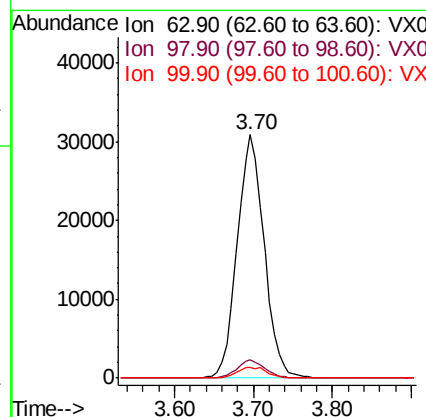
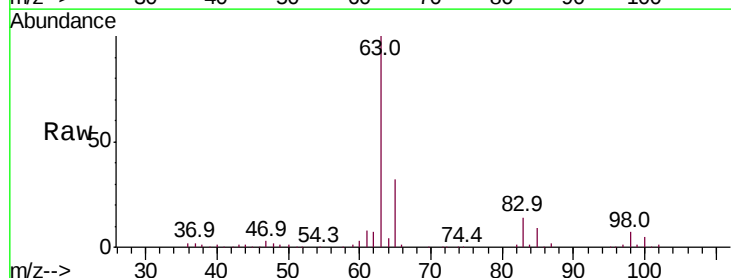
Tgt Ion: 63 Resp: 73342

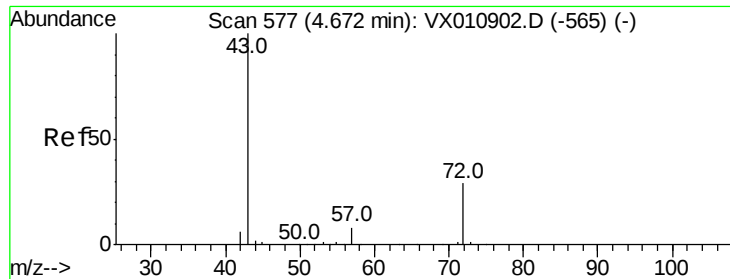
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 99.423 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampled :

VX0723WBSD01

Tot Ion: 43 Resp: 167522

Ion Ratio Lower Upper

43 100

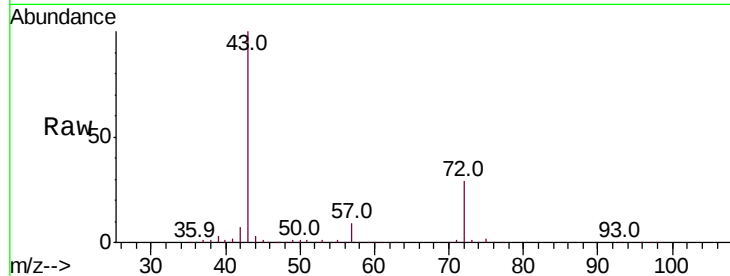
72 29.1 23.0 34.6

Manual Integrations

APPROVED

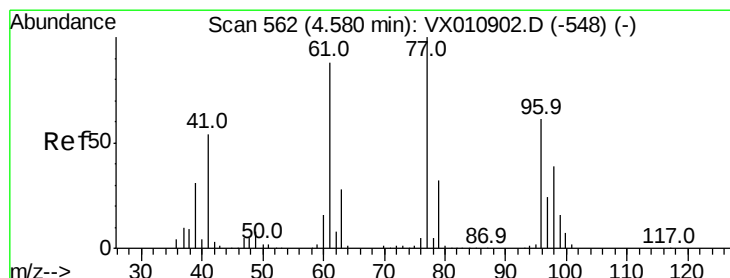
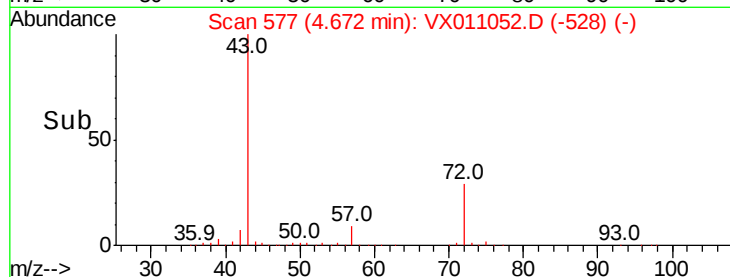
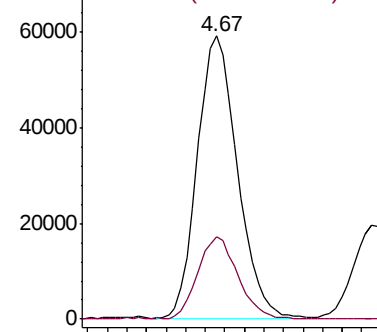
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.483 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX011052.D

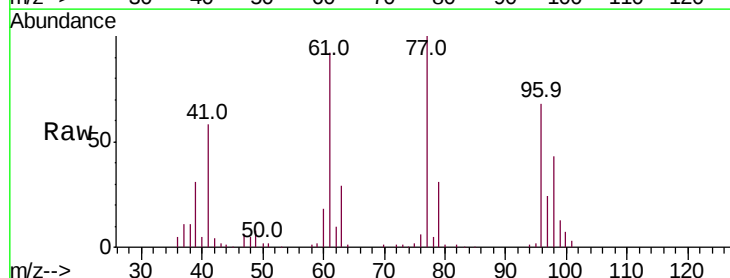
Acq: 23 Jul 2019 12:08

Tgt Ion: 77 Resp: 61931

Ion Ratio Lower Upper

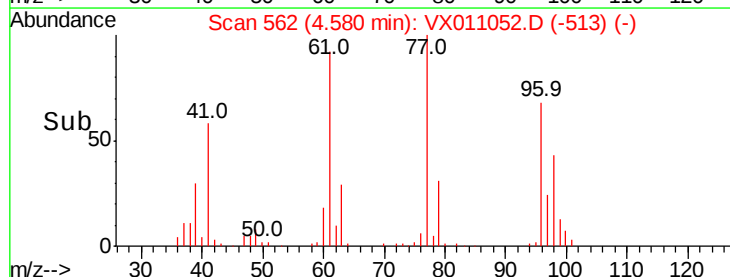
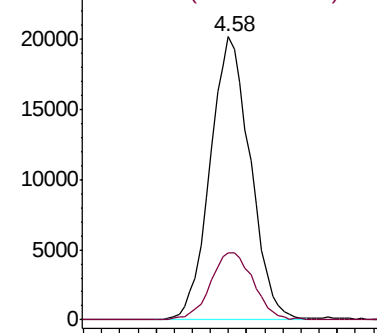
77 100

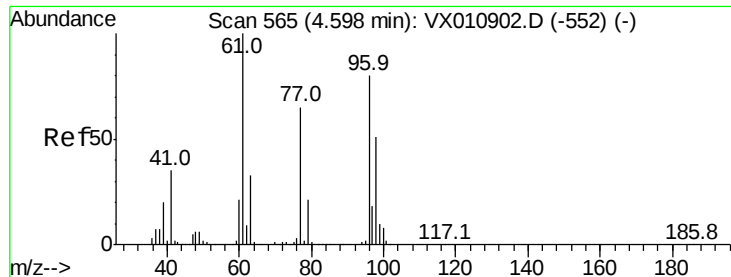
97 25.4 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

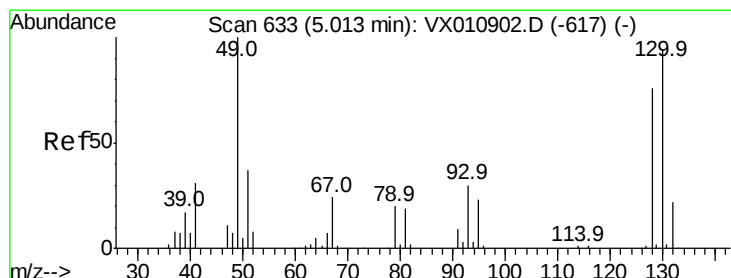
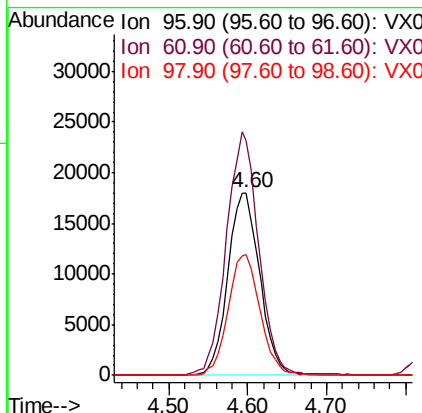
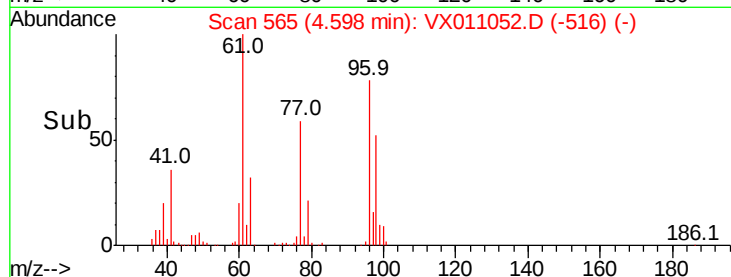
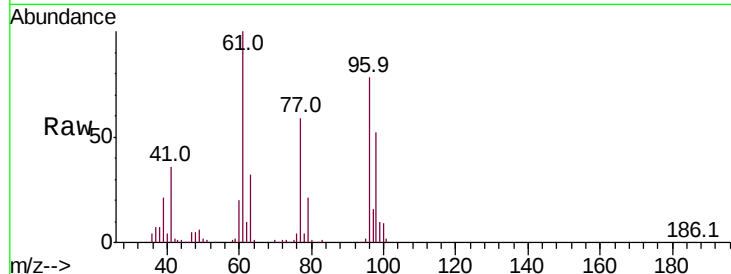
cis-1,2-Dichloroethene
Concen: 19.036 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	135.0	0.0	269.0	
98	66.3	0.0	131.4	

Manual Integrations
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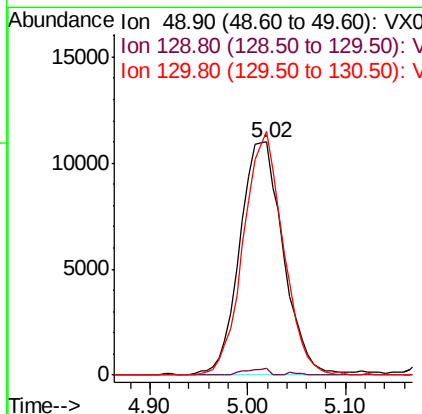
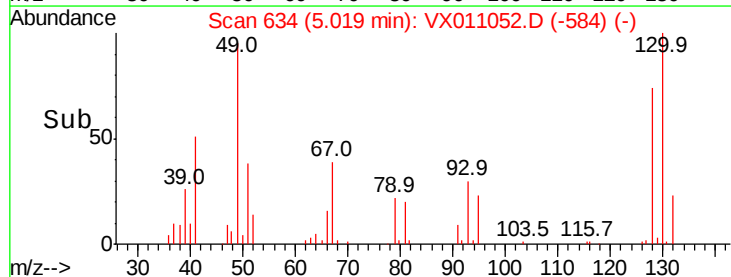
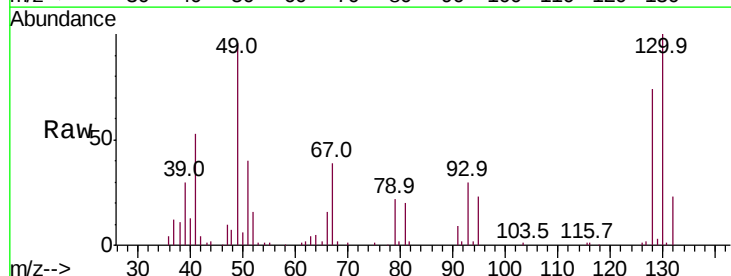
MMDadoda
7/25/2019 3:07:01 PM

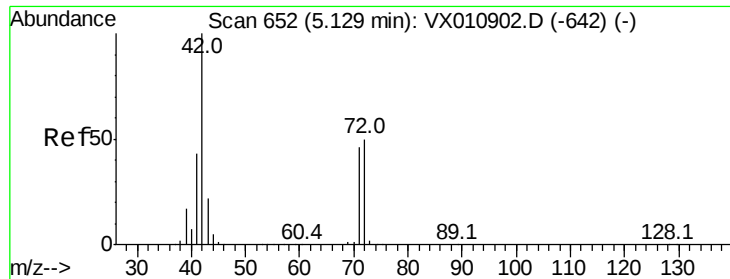


#28

Bromochloromethane
Concen: 18.712 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.6	0.0	5.2	
130	95.5	76.9	115.3	





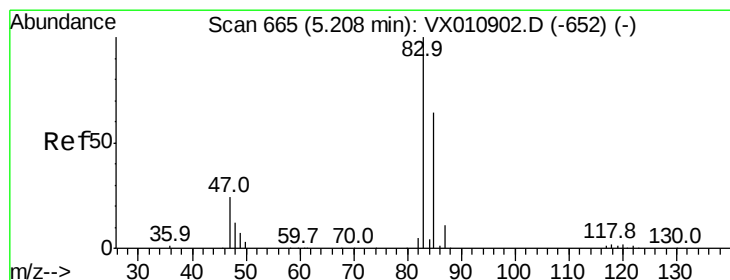
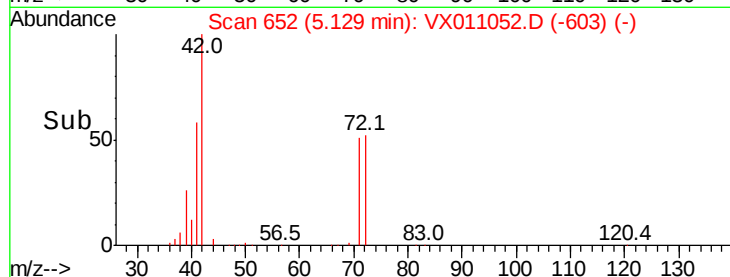
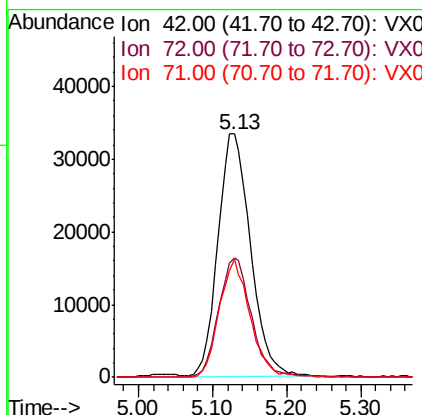
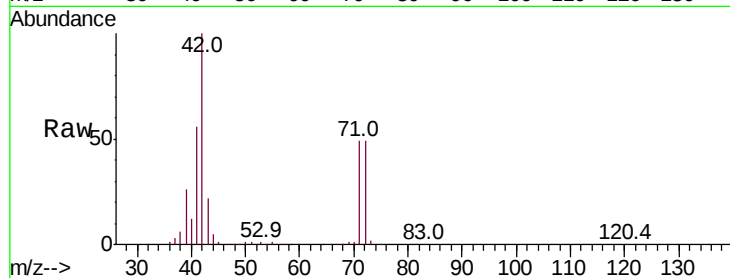
#29
Tetrahydrofuran
Concen: 95.363 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.8	39.8	59.8
71	46.1	37.0	55.4

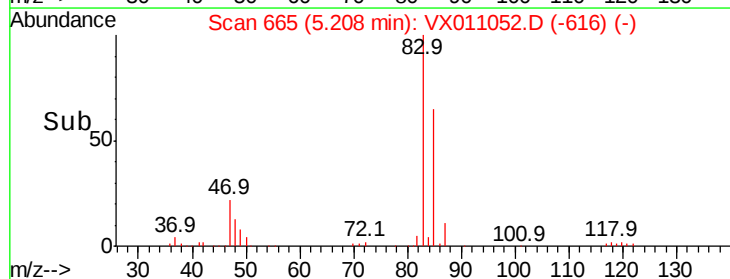
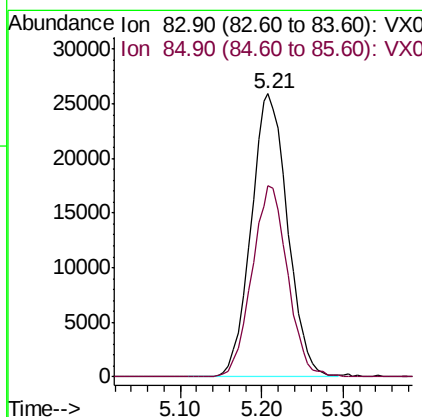
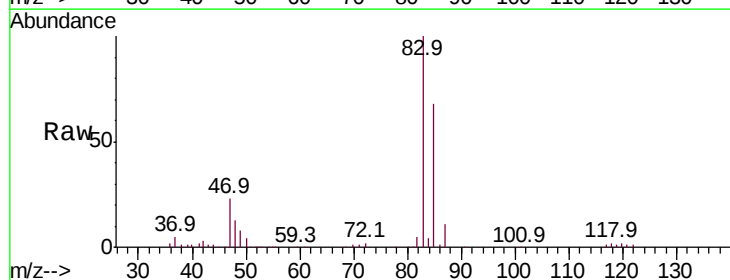
Manual Integrations
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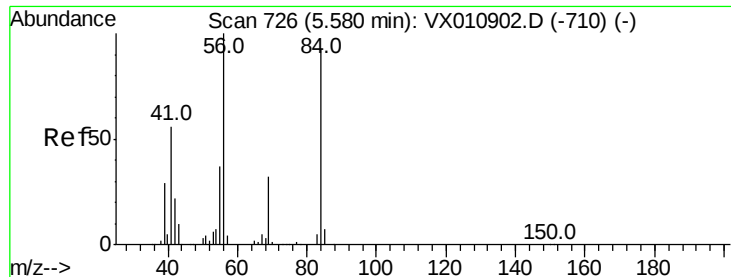
MMDadoda
7/25/2019 3:07:01 PM



#30
Chloroform
Concen: 19.236 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.8	51.4	77.0





#31

Cyclohexane

Concen: 18.955 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion: 56 Resp: 66885

Ion Ratio Lower Upper

56 100

69 31.5 25.8 38.8

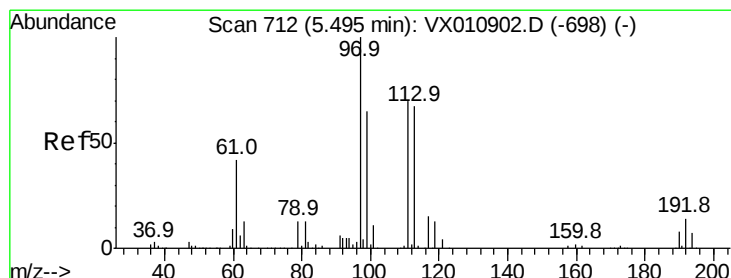
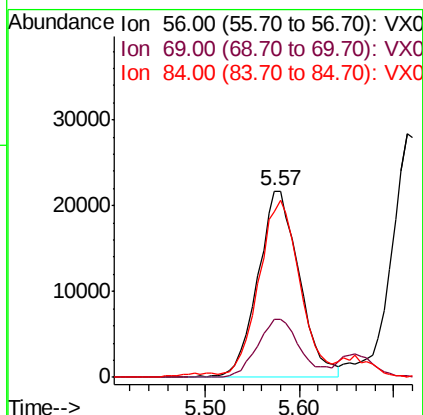
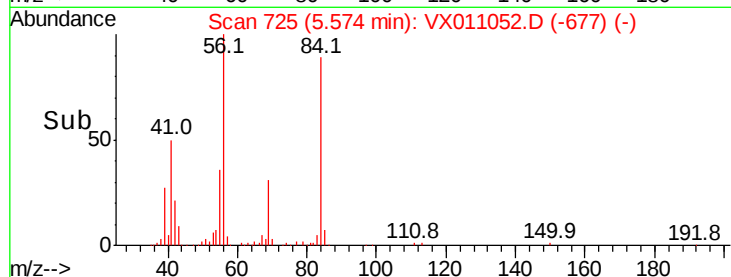
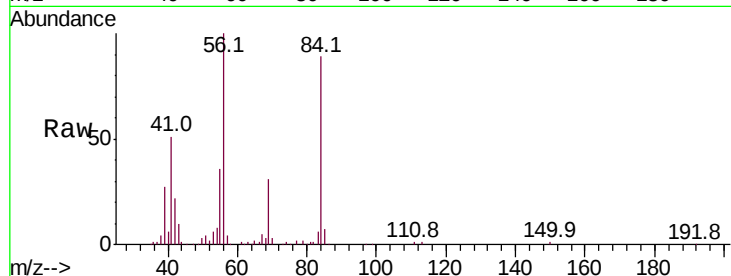
84 87.5 73.8 110.6

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.280 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

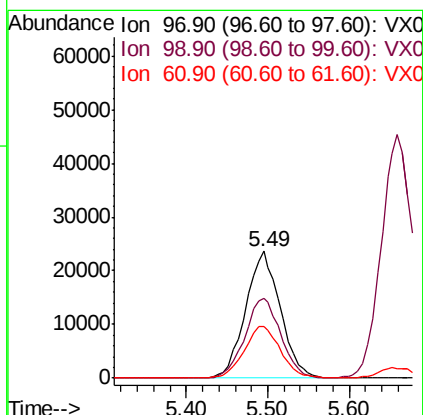
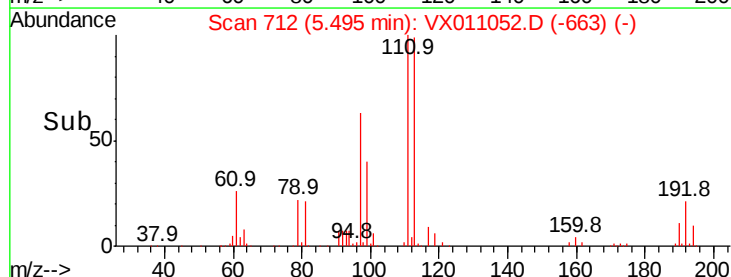
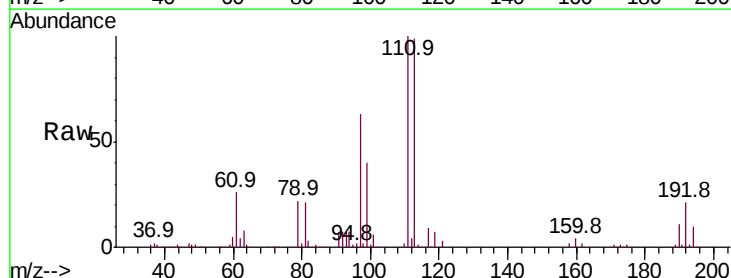
Tgt Ion: 97 Resp: 69798

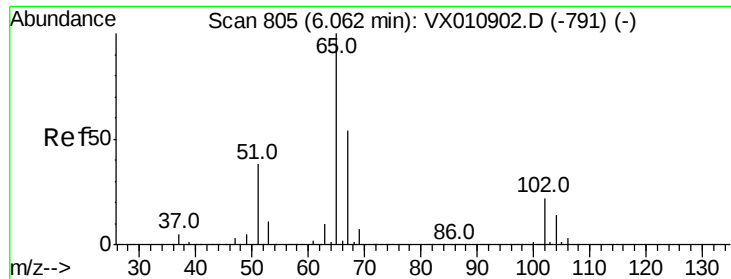
Ion Ratio Lower Upper

97 100

99 65.0 51.4 77.0

61 42.8 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 46.021 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion: 65 Resp: 119603

Ion Ratio Lower Upper

65 100

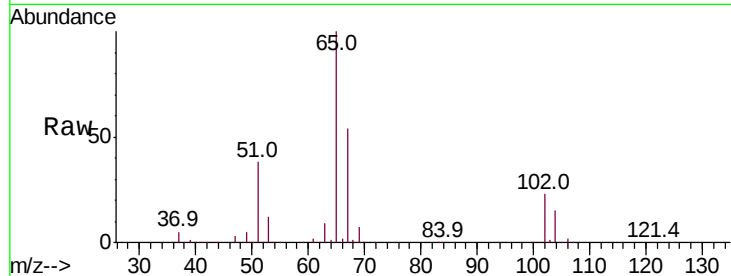
67 53.2 0.0 107.8

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

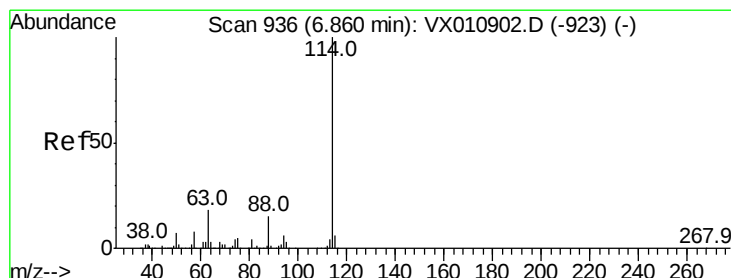
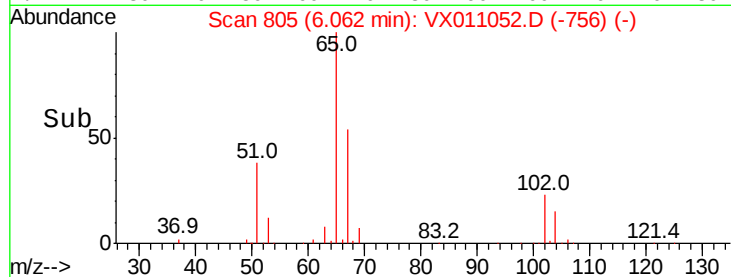
0

Time-->

6.00

6.10

6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

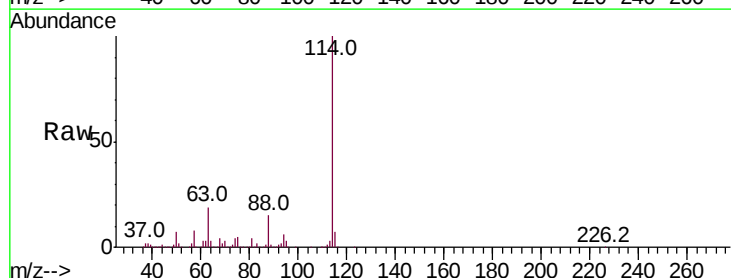
Tgt Ion: 114 Resp: 357384

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.6

88 15.3 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

200000

150000

100000

50000

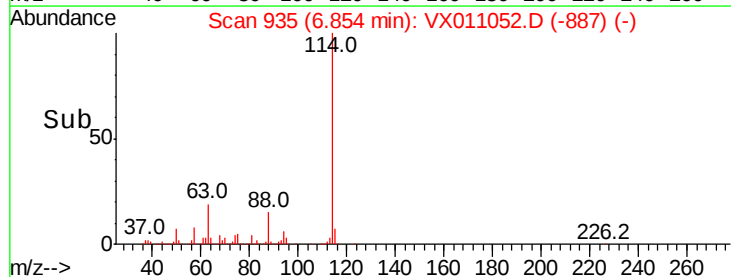
0

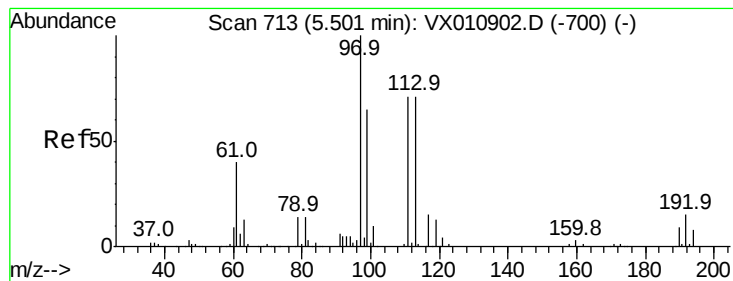
Time-->

6.80

6.90

7.00





#35

Dibromofluoromethane

Concen: 47.365 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

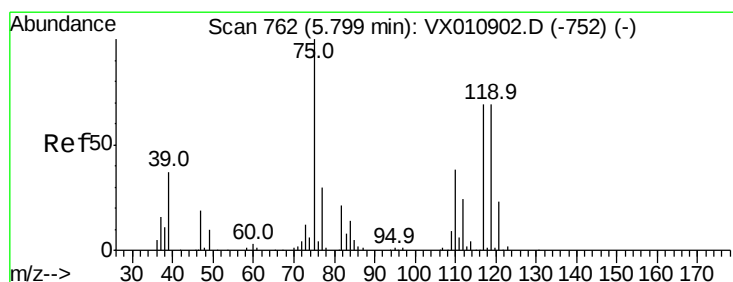
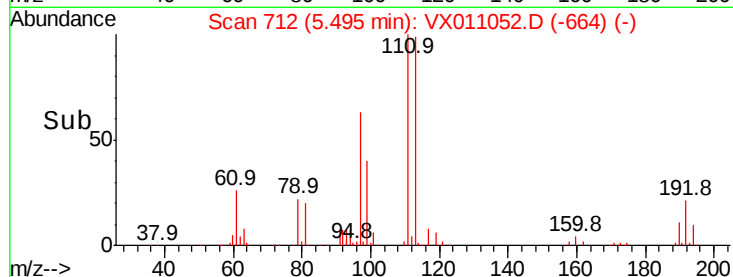
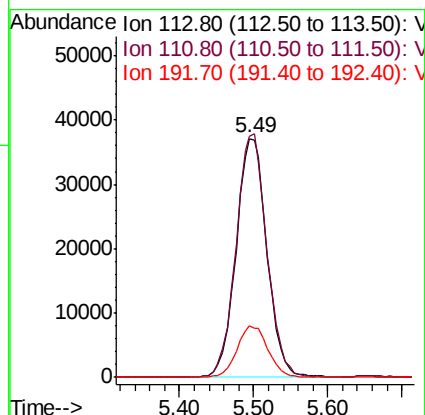
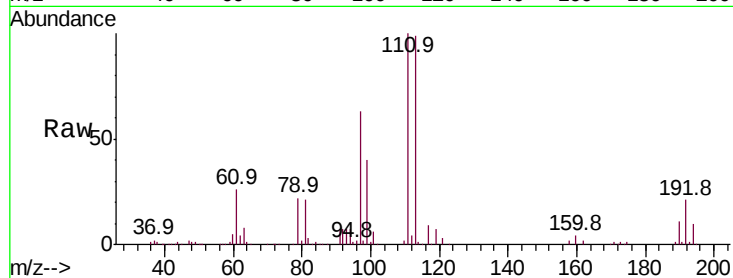
ClientSampleId :

VX0723WBSD01

Tot Ion:	113	Resp:	107442
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.3	123.5
192	21.7	17.4	26.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.038 ug/l

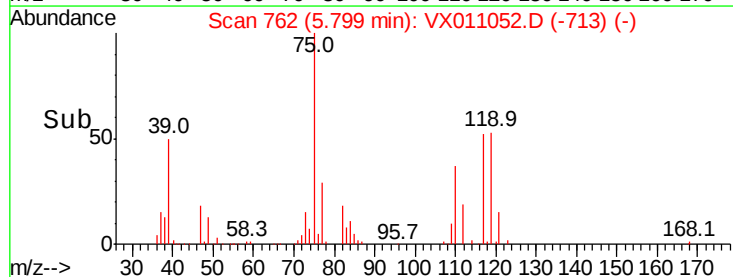
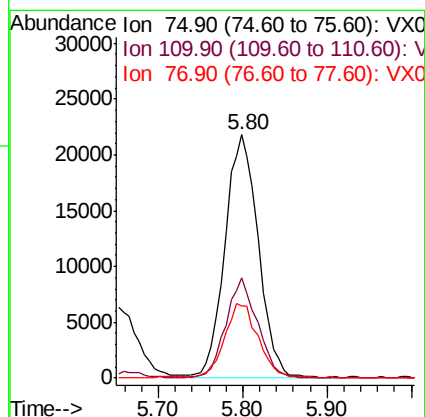
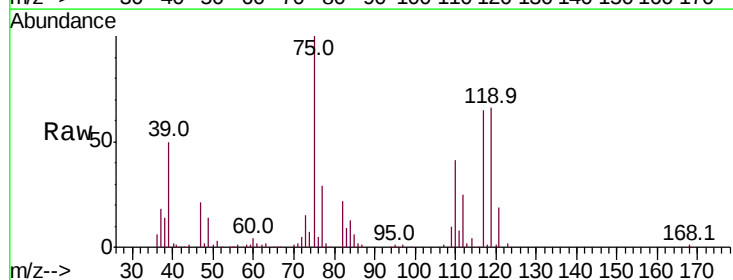
RT: 5.80 min Scan# 762

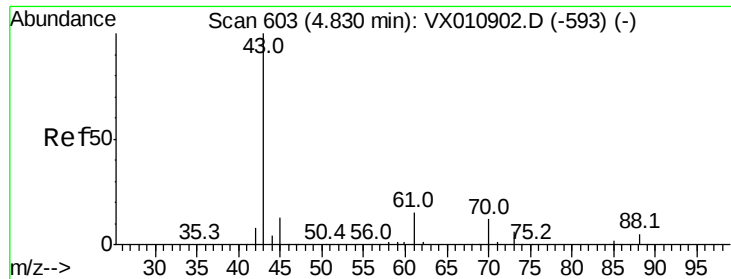
Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Tgt Ion:	75	Resp:	58824
Ion Ratio	Lower	Upper	
75	100		
110	39.3	19.9	59.7
77	31.0	25.0	37.4





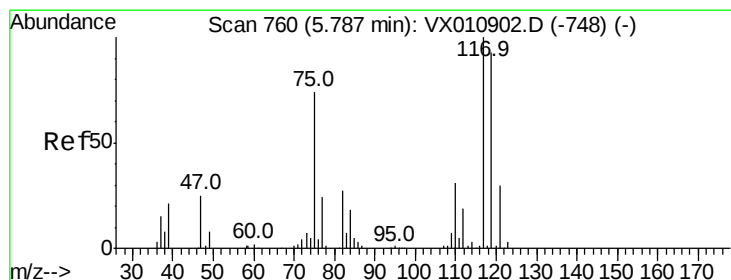
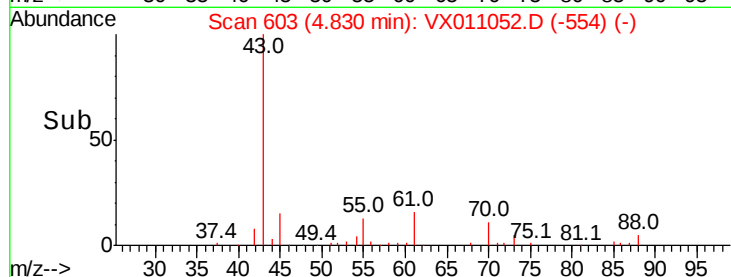
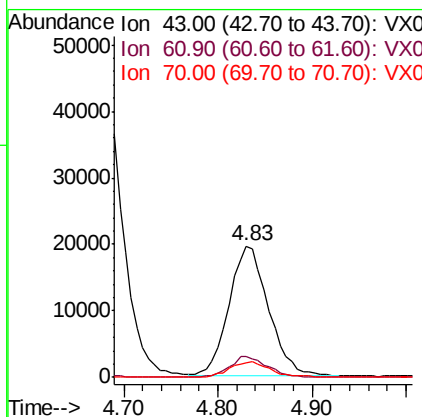
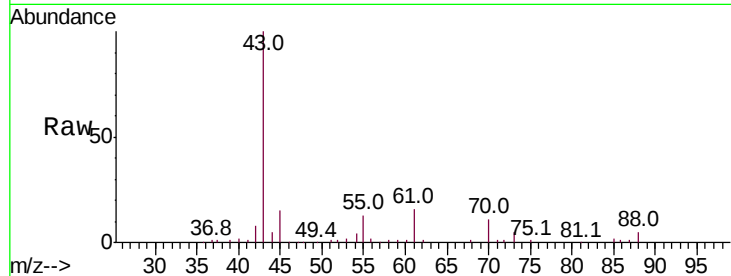
#37
Ethyl Acetate
Concen: 18.991 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.6	17.4
70	12.2	9.1	13.7

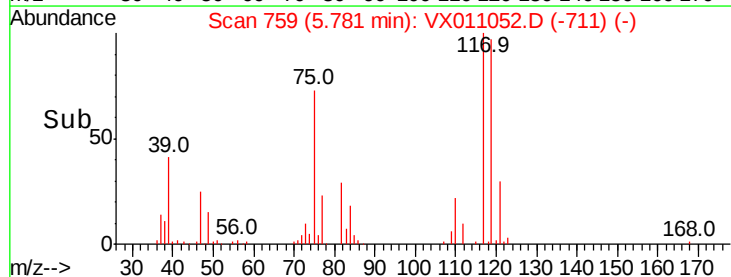
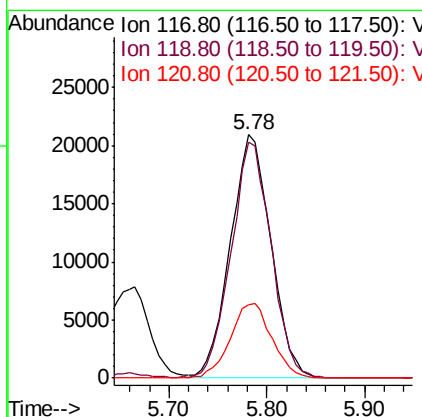
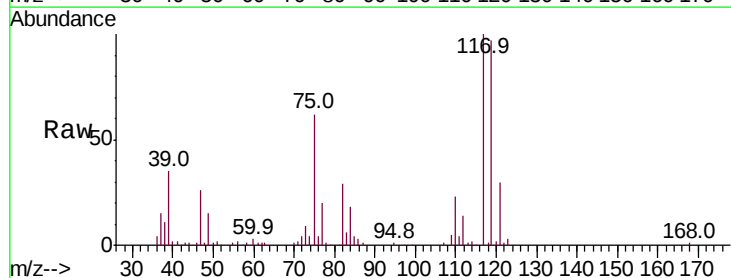
Manual Integrations
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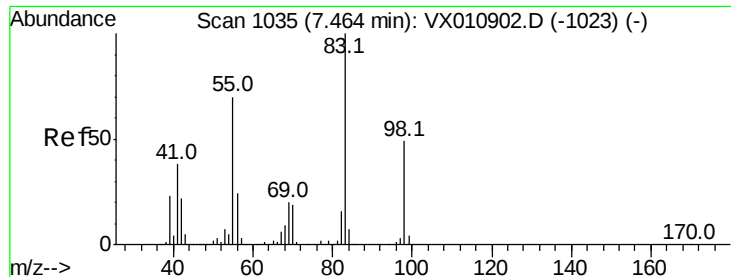
MMDadoda
7/25/2019 3:07:01 PM



#38
Carbon Tetrachloride
Concen: 19.763 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	74.2	111.2
121	30.2	24.2	36.2





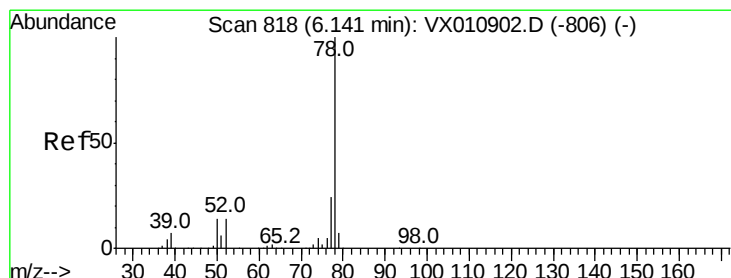
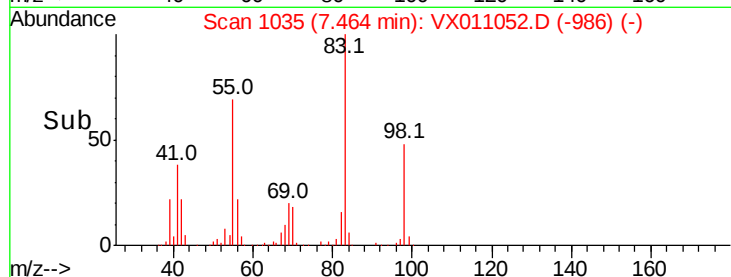
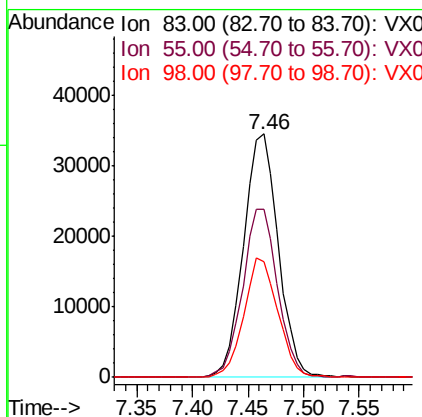
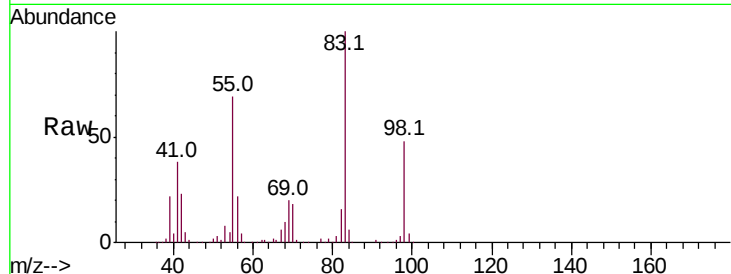
#39
Methvlcvclohexane
Concen: 19.715 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.1	56.2	84.4
98	47.7	39.0	58.4

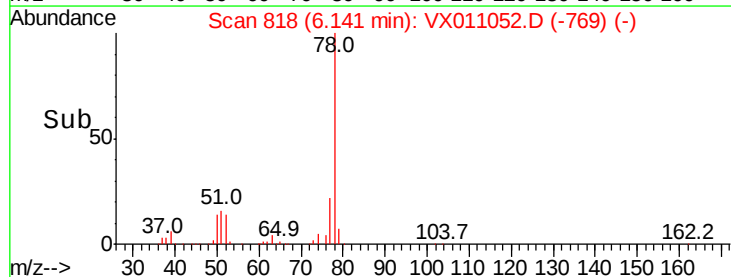
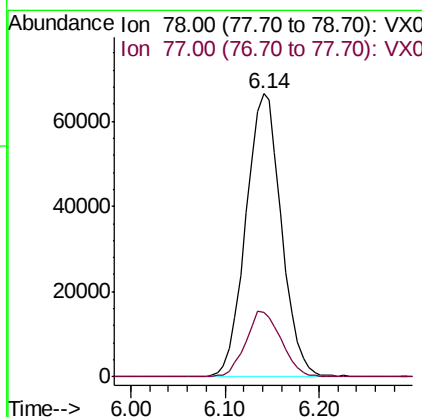
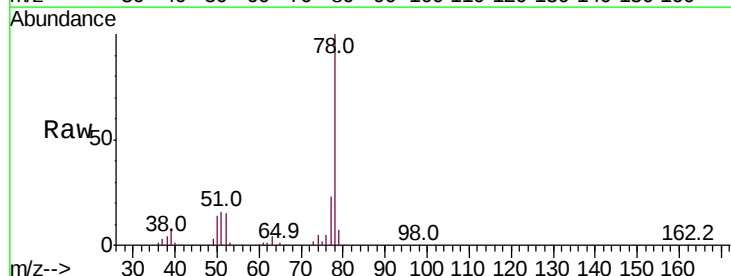
Manual Integrations
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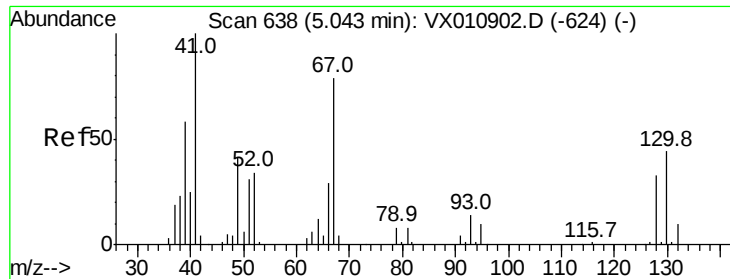
MMDadoda
7/25/2019 3:07:01 PM



#40
Benzene
Concen: 19.548 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.6





#41

Methacrylonitrile

Concen: 18.627 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

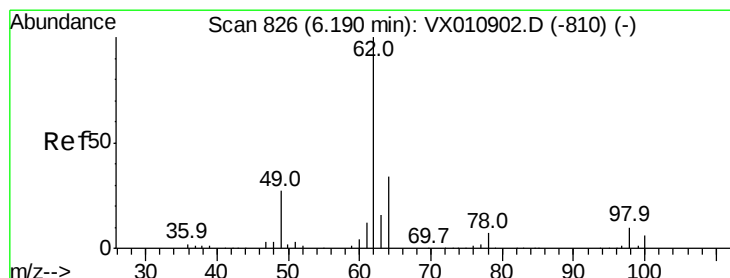
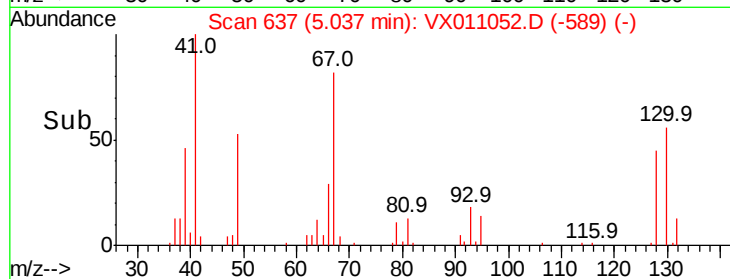
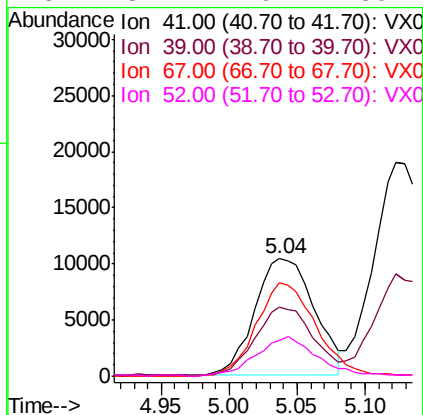
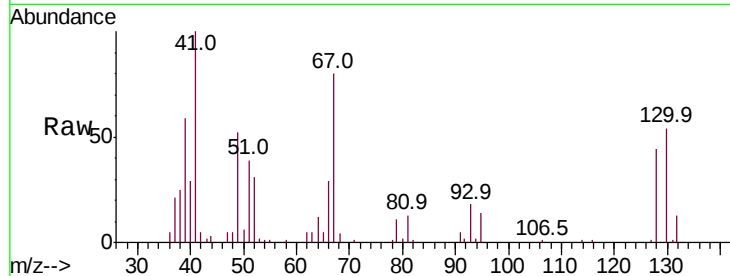
ClientSampleId :

VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.4	68.2
67	80.5	65.9	98.9
52	34.1	26.2	39.2

Manual Integrations
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7/25/2019 3:07:01 PM



#42

1,2-Dichloroethane

Concen: 20.293 ug/l

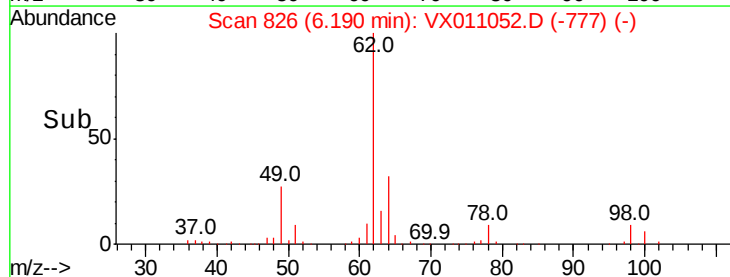
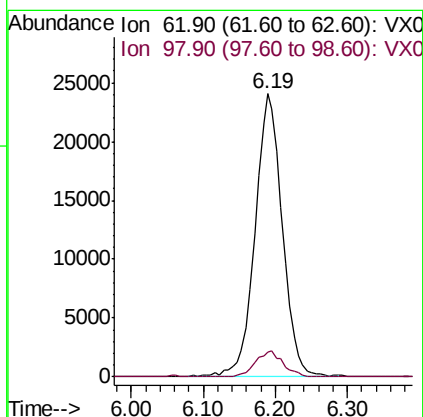
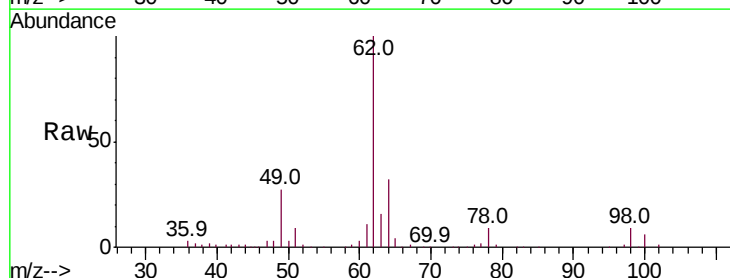
RT: 6.19 min Scan# 826

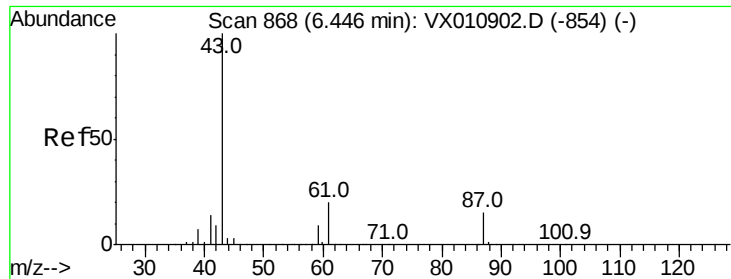
Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.0





#43

Isopropyl Acetate

Concen: 19.413 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

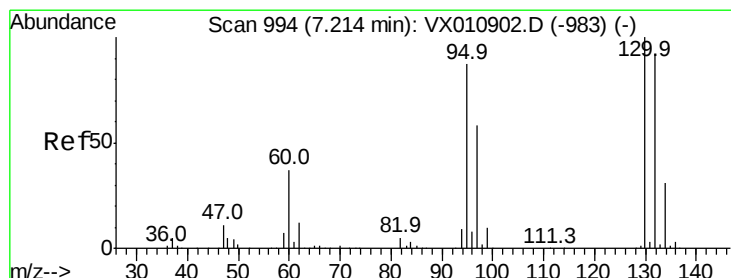
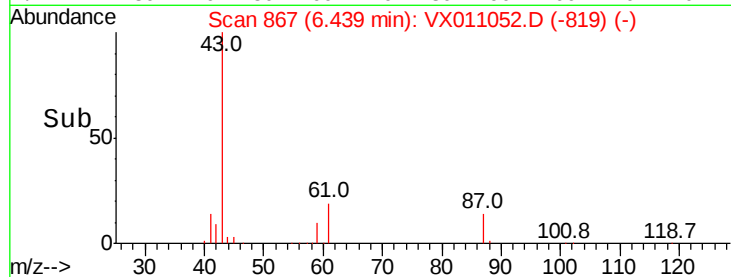
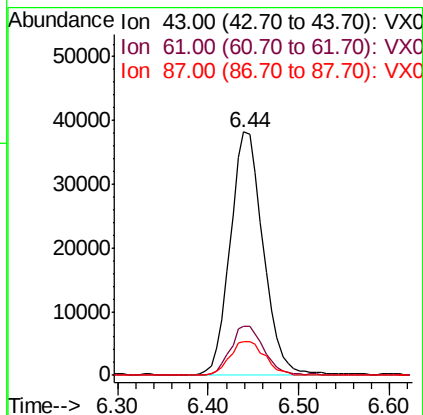
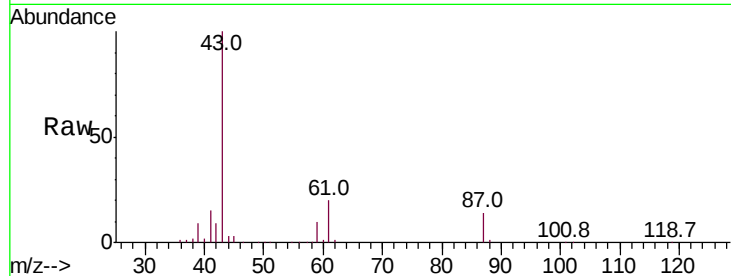
ClientSampleID :

VX0723WBSD01

Tot Ion:	43	Resp:	95953
Ion	Ratio	Lower	Upper
43	100		
61	20.7	17.1	25.7
87	15.1	12.0	18.0

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#44

Trichloroethene

Concen: 19.460 ug/l

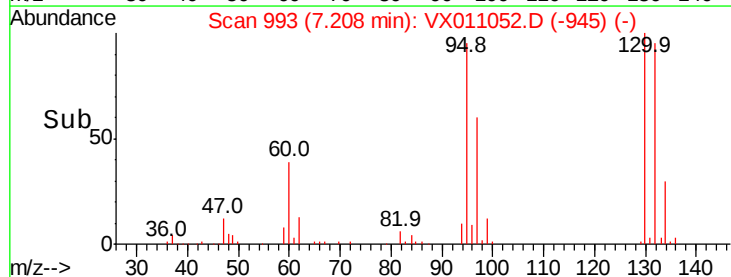
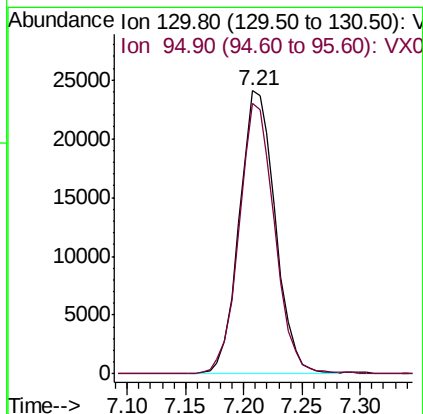
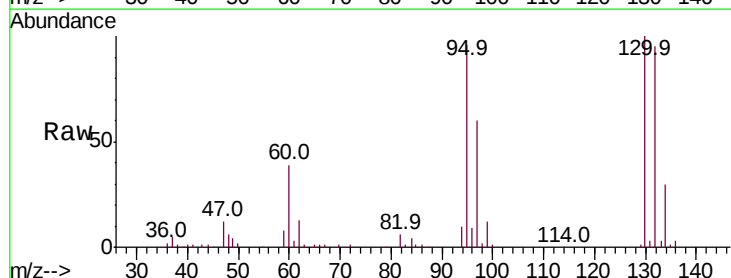
RT: 7.21 min Scan# 993

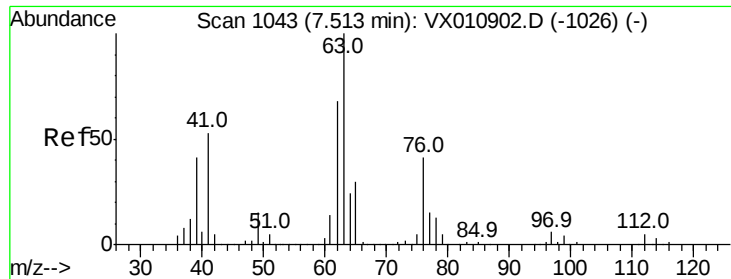
Delta R.T. -0.01 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Tgt Ion:	130	Resp:	51797
Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	174.8





#45

1,2-Dichloropropane

Concen: 19.514 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion: 63 Resp: 44662

Ion Ratio Lower Upper

63 100

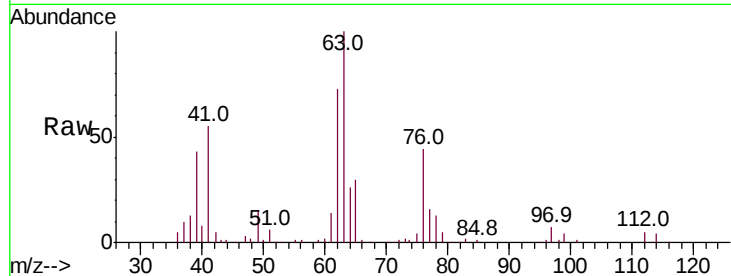
65 29.8 24.4 36.6

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

25000

20000

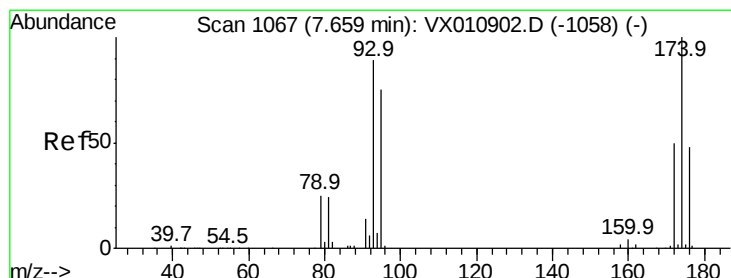
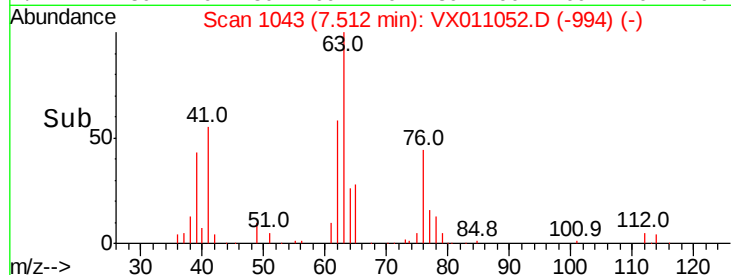
15000

10000

5000

0

Time-->



#46

Dibromomethane

Concen: 19.768 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

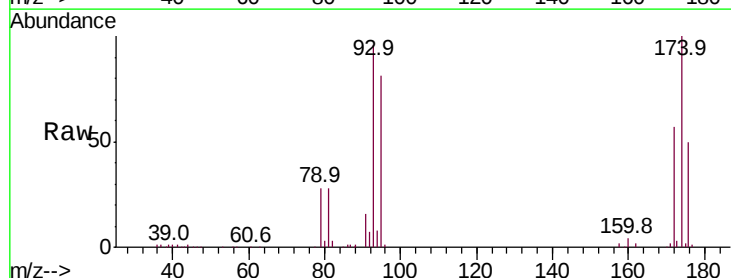
Tgt Ion: 93 Resp: 32329

Ion Ratio Lower Upper

93 100

95 84.7 67.2 100.8

174 112.3 90.6 135.8



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

25000

20000

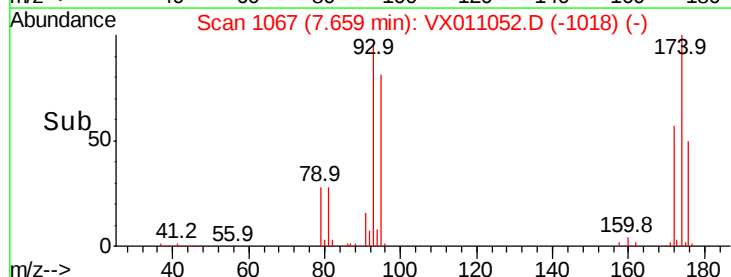
15000

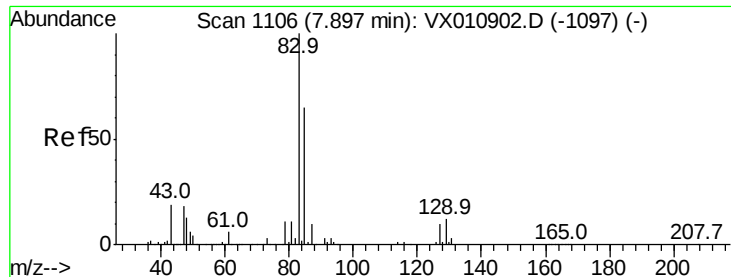
10000

5000

0

Time-->





#47

Bromodichloromethane

Concen: 20.226 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

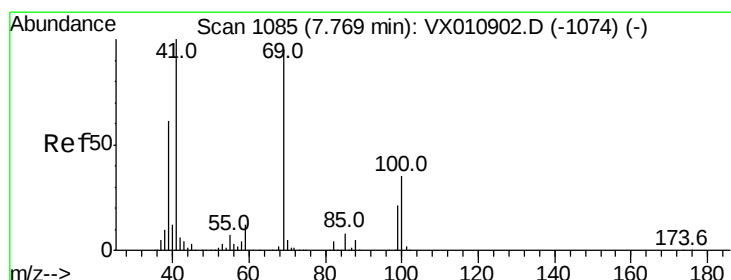
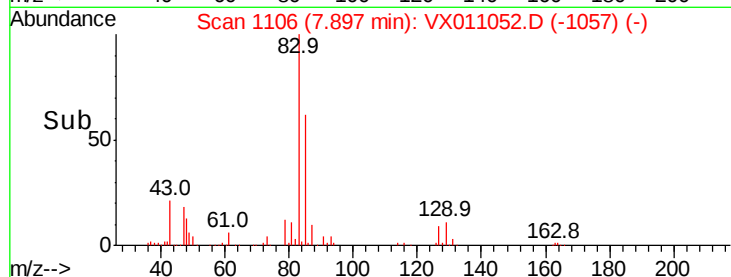
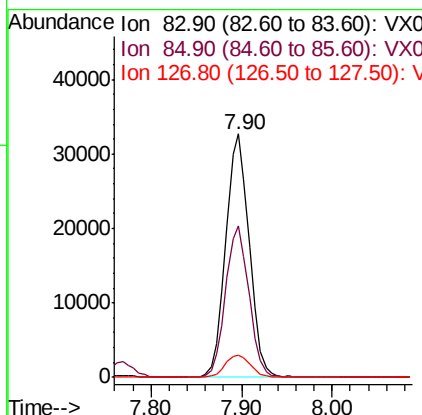
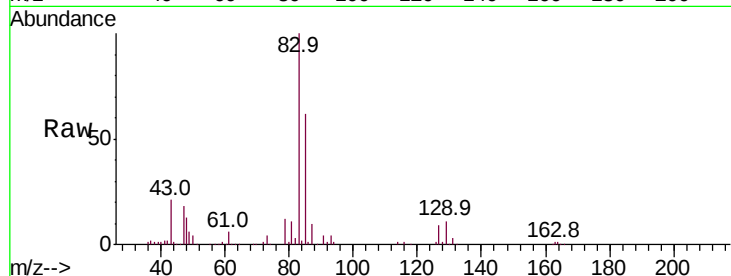
ClientSampleId :

VX0723WBSD01

Tot Ion:	83	Resp:	58881
Ion	Ratio	Lower	Upper
83	100		
85	62.3	52.5	78.7
127	9.1	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.269 ug/l

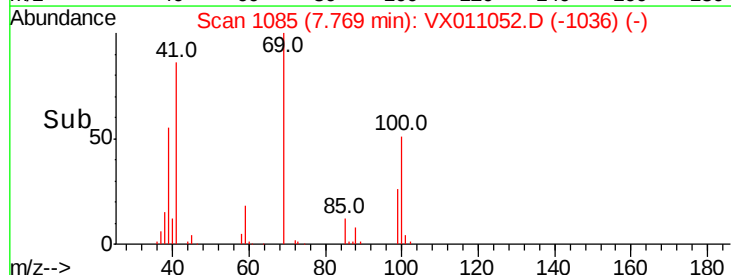
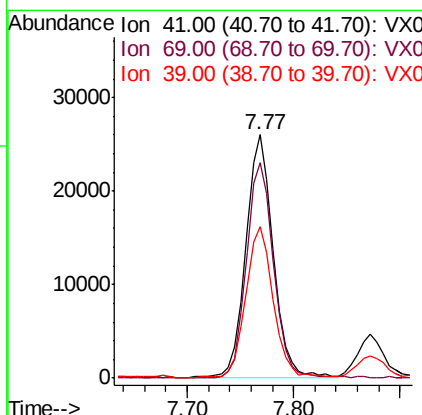
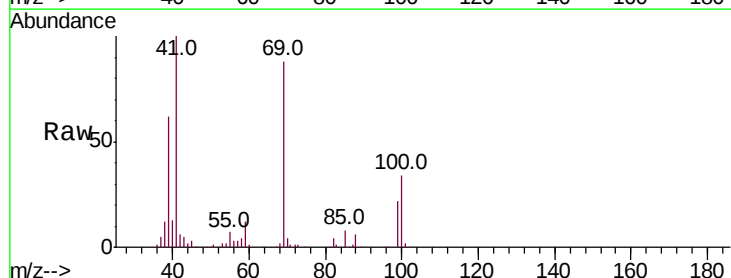
RT: 7.77 min Scan# 1085

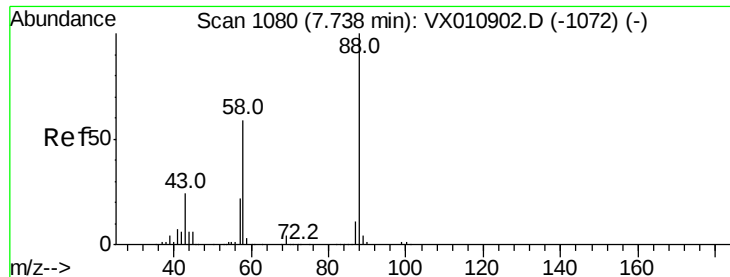
Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Tgt Ion:	41	Resp:	46397
Ion	Ratio	Lower	Upper
41	100		
69	89.3	74.4	111.6
39	62.7	48.9	73.3





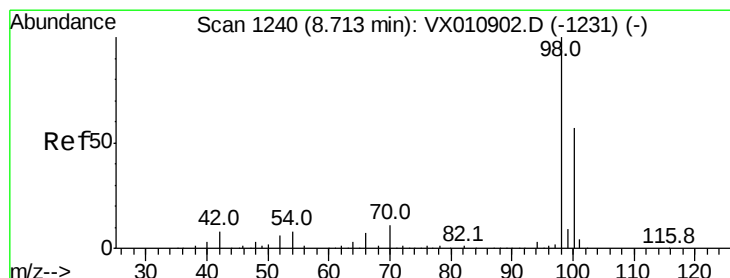
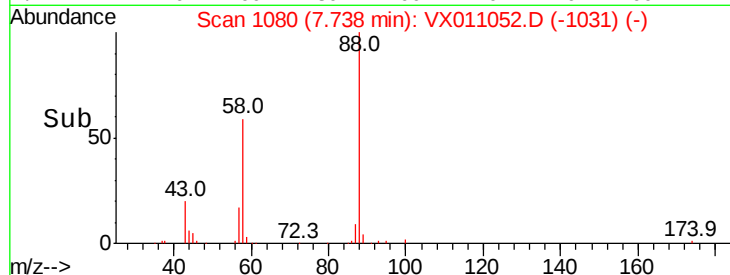
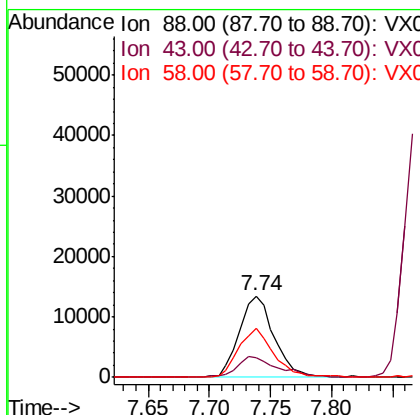
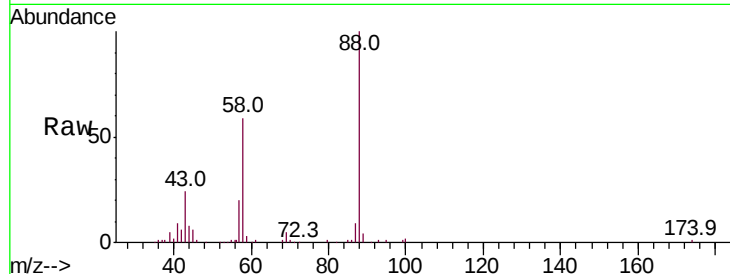
#49
 1,4-Dioxane
 Concen: 396.138 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.1	22.9	34.3
58	61.2	49.8	74.8

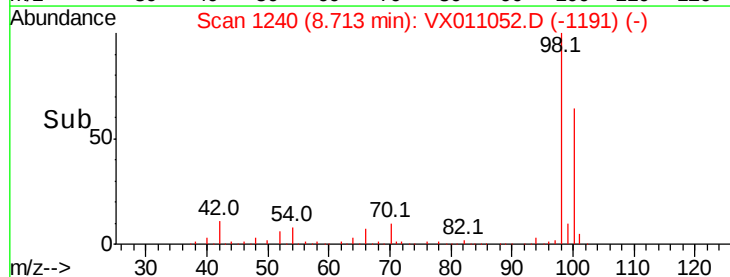
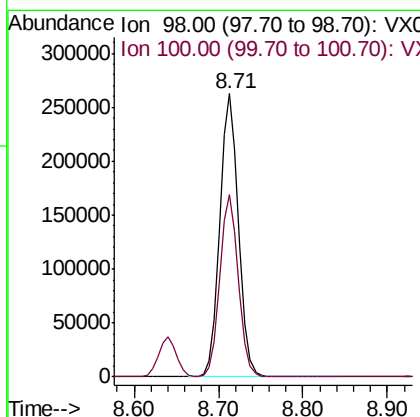
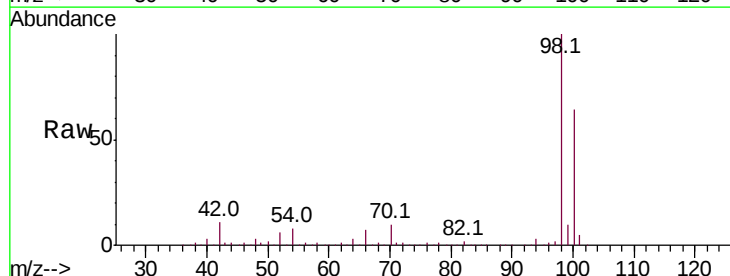
Manual Integrations
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#50
 Toluene-d8
 Concen: 47.074 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.6	75.8





#51

4-Methyl-2-Pentanone

Concen: 99.663 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion: 43 Resp: 319325

Ion Ratio Lower Upper

43 100

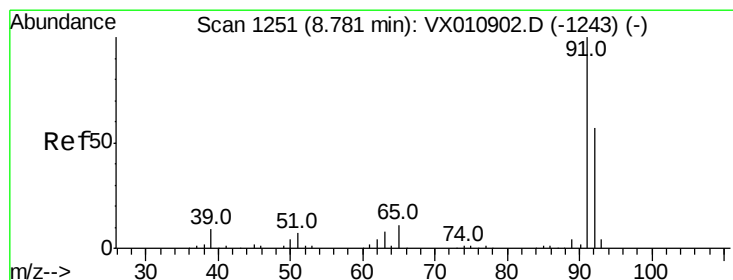
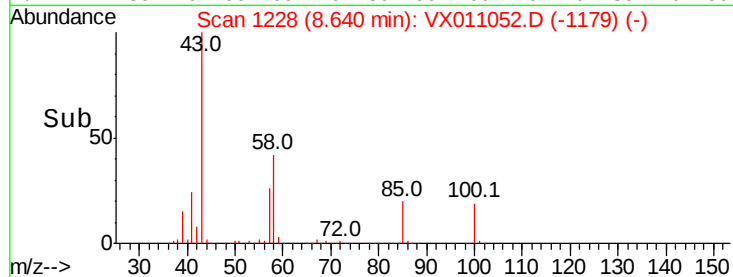
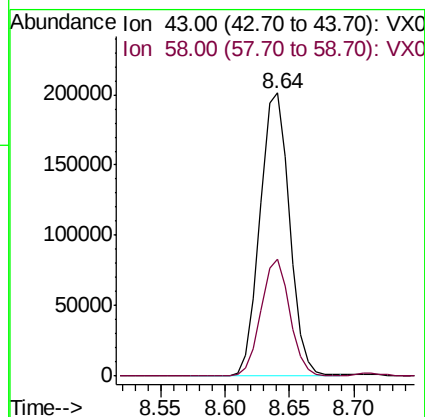
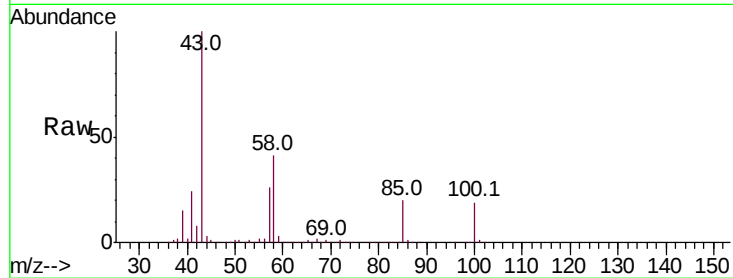
58 40.3 32.2 48.4

Manual Integrations

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#52

Toluene

Concen: 19.746 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011052.D

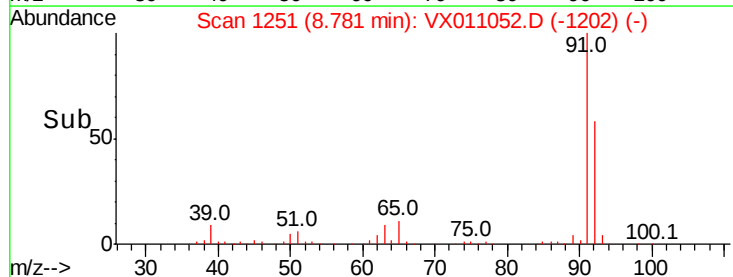
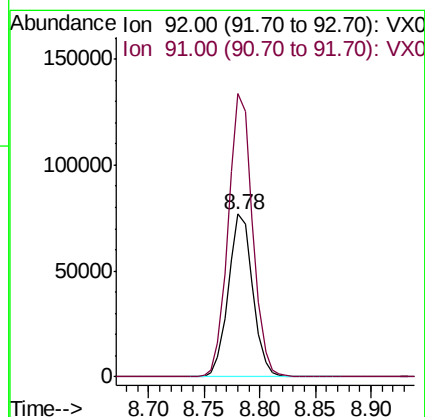
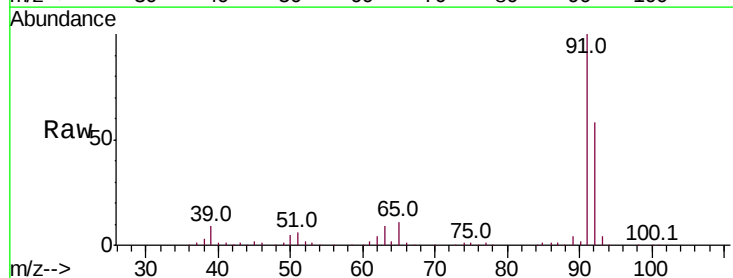
Acq: 23 Jul 2019 12:08

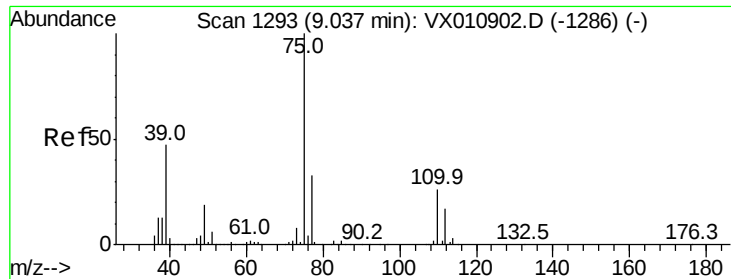
Tgt Ion: 92 Resp: 116643

Ion Ratio Lower Upper

92 100

91 173.3 139.4 209.0





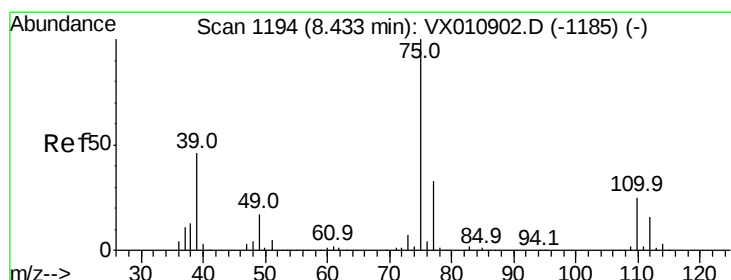
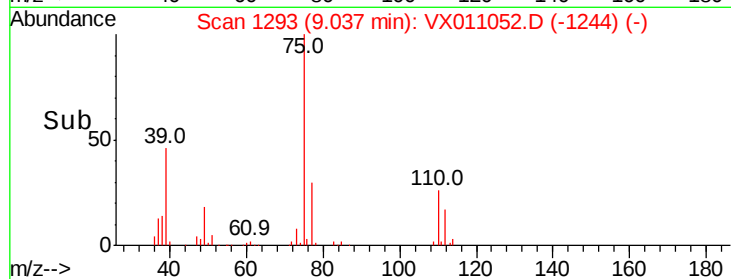
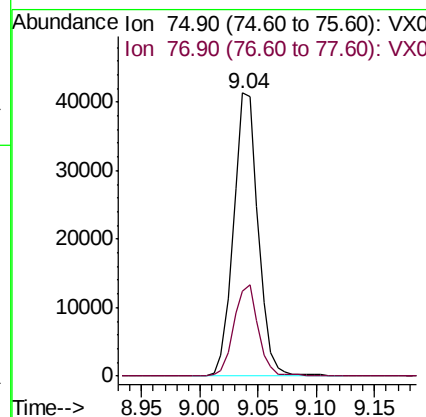
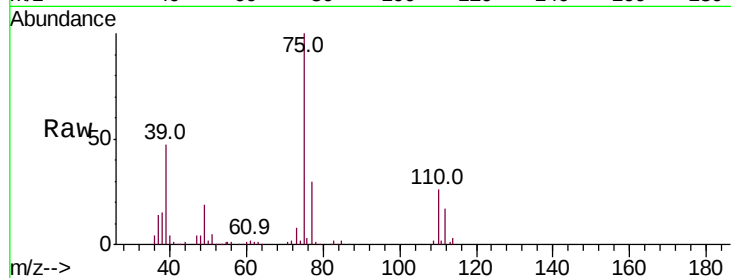
#53
 t-1,3-Dichloropropene
 Concen: 19.438 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD01

Tot Ion: 75 Resp: 60847
 Ion Ratio Lower Upper
 75 100
 77 30.0 26.2 39.2

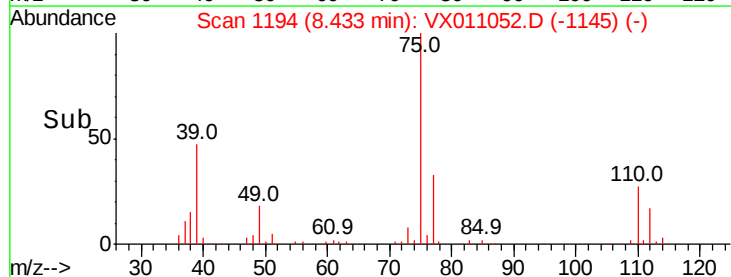
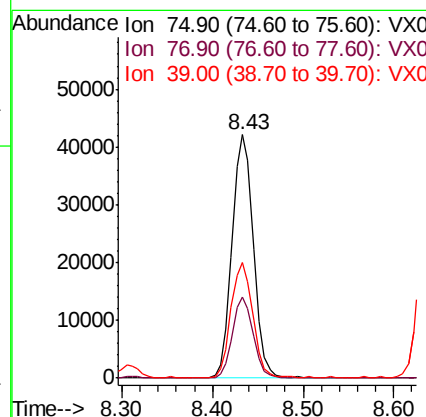
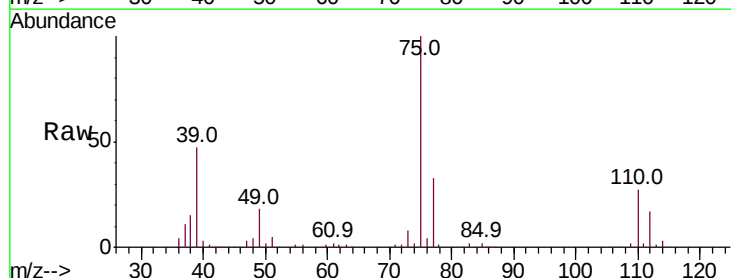
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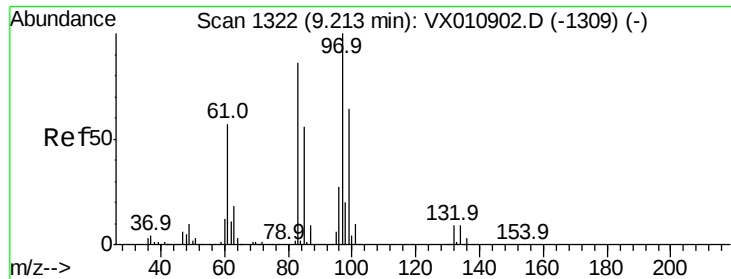
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#54
 cis-1,3-Dichloropropene
 Concen: 19.723 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Tgt Ion: 75 Resp: 68700
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.1 39.1
 39 47.1 36.6 54.8





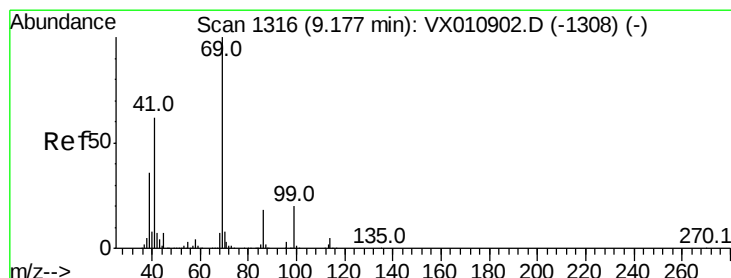
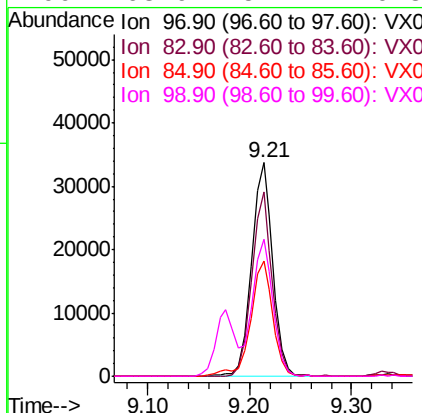
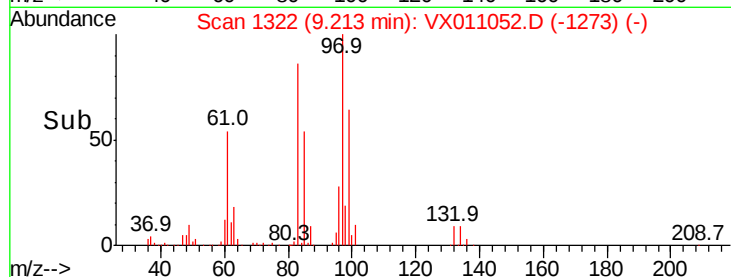
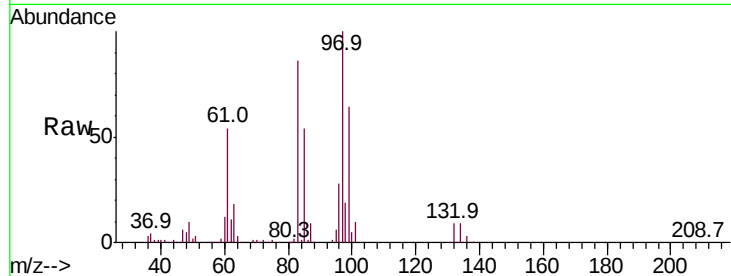
#55
 1,1,2-Trichloroethane
 Concen: 20.072 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	86.3	69.2	103.8	
85	53.6	44.6	66.8	
99	63.9	51.2	76.8	

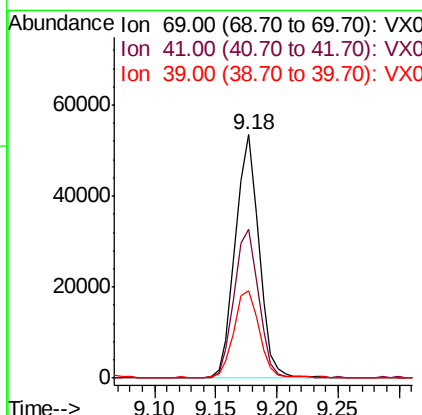
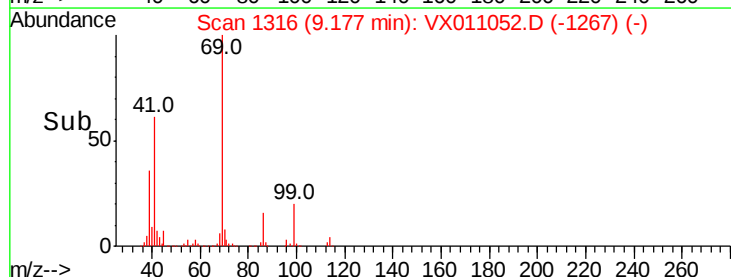
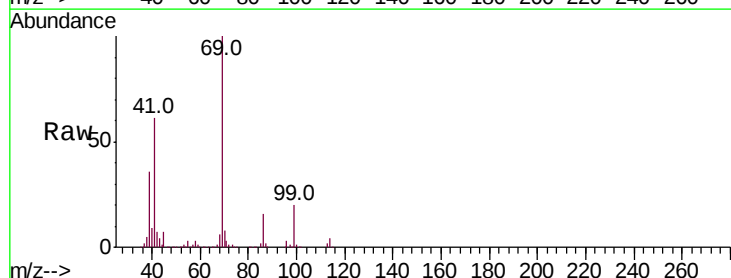
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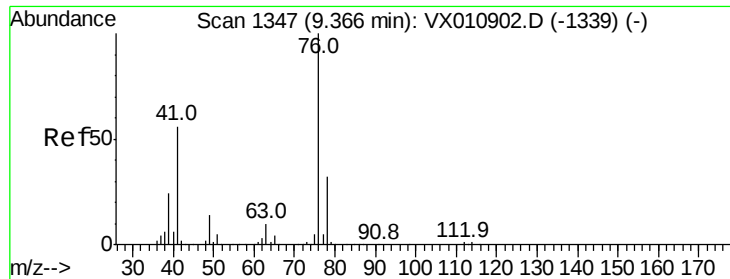
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#56
 Ethyl methacrylate
 Concen: 20.117 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	63.0	49.7	74.5	
39	38.6	29.6	44.4	





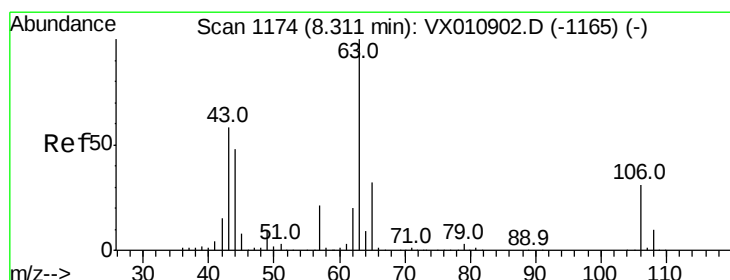
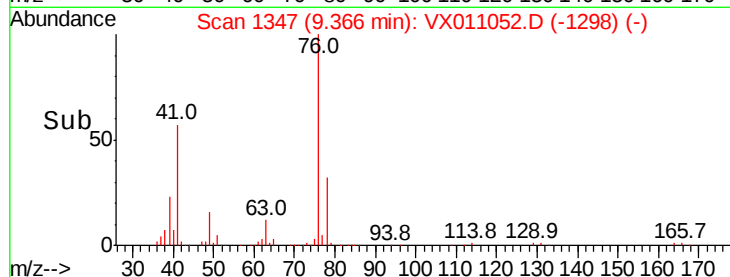
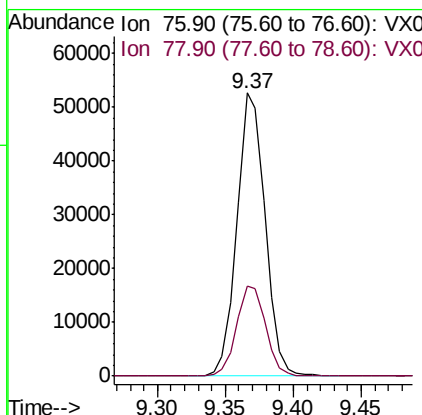
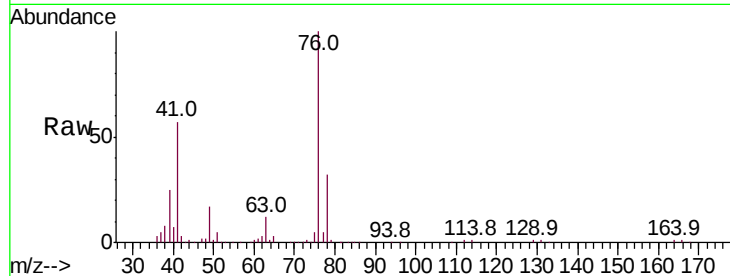
#57
 1,3-Dichloropropane
 Concen: 19.658 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD01

Tot Ion: 76 Resp: 75851
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.6 38.4

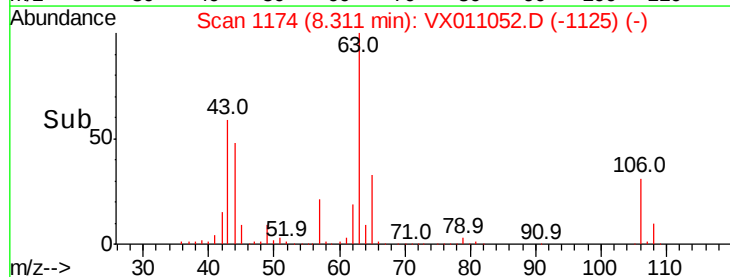
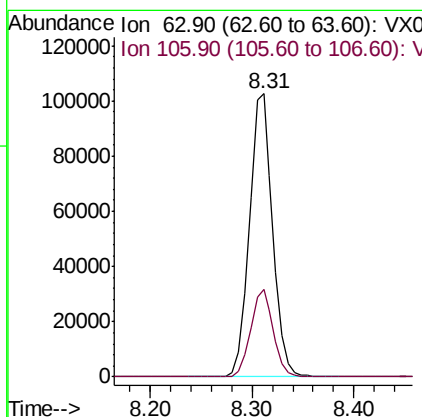
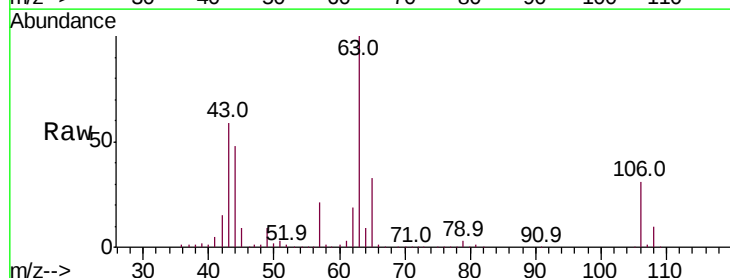
Manual Integrations
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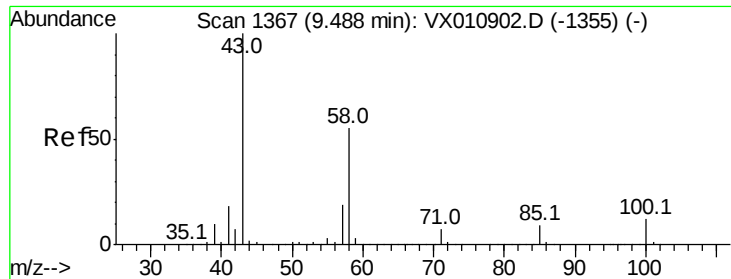
MMDadoda
 7/25/2019 3:07:01 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.696 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Tgt Ion: 63 Resp: 162530
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.0 36.0





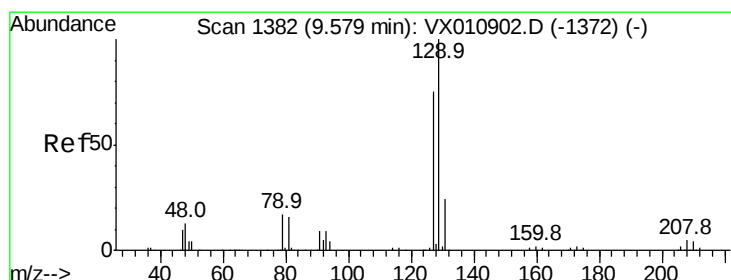
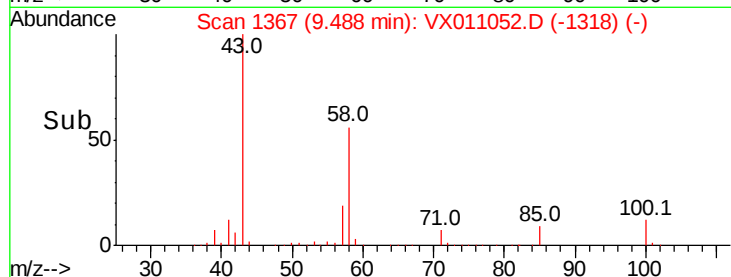
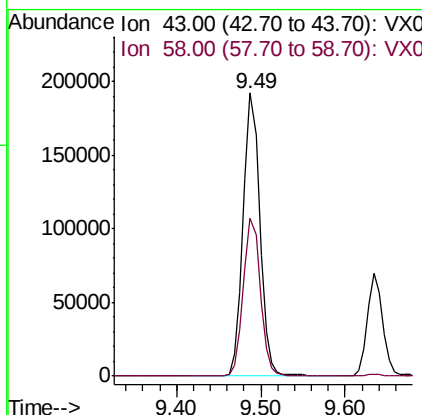
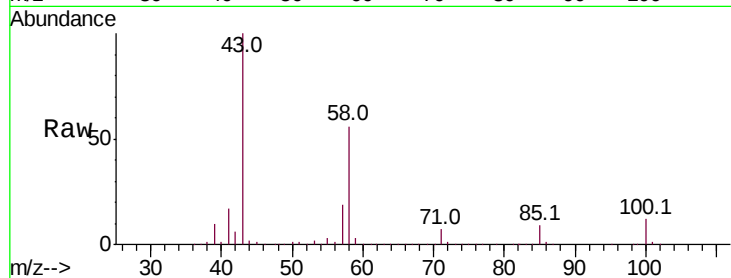
#59
2-Hexanone
Concen: 102.459 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion: 43 Resp: 254623
Ion Ratio Lower Upper
43 100
58 56.6 28.0 83.9

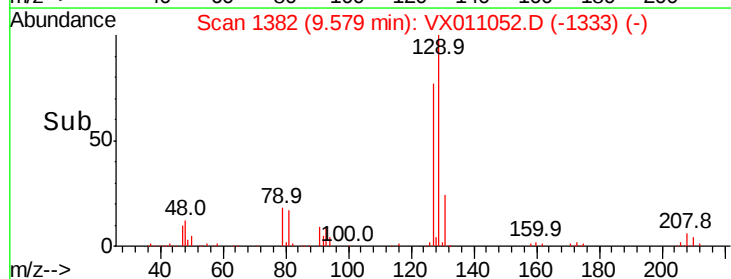
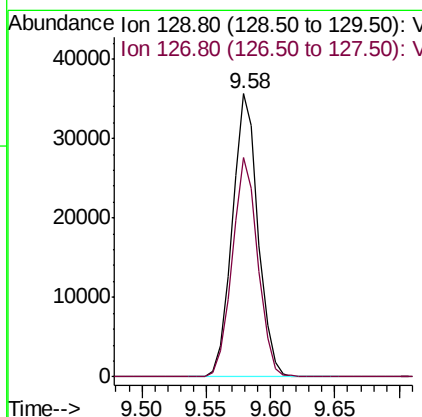
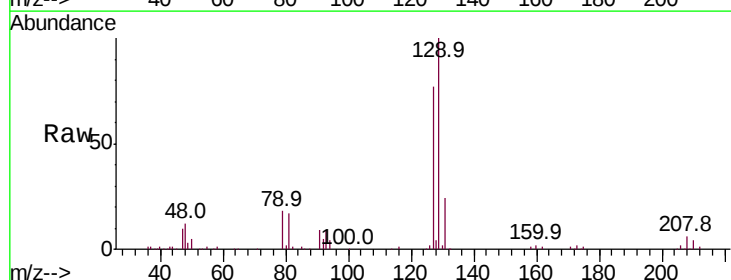
Manual Integrations
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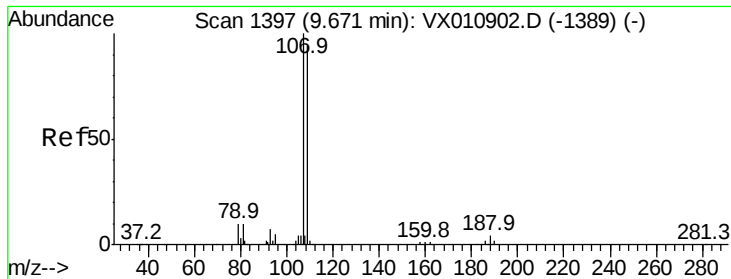
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#60
Dibromochloromethane
Concen: 19.350 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion: 129 Resp: 49597
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





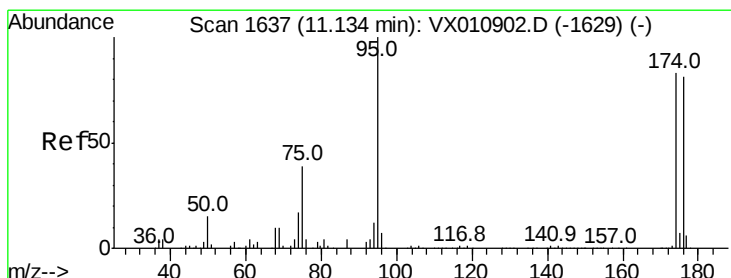
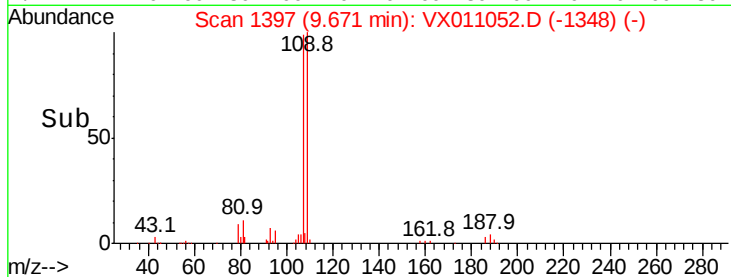
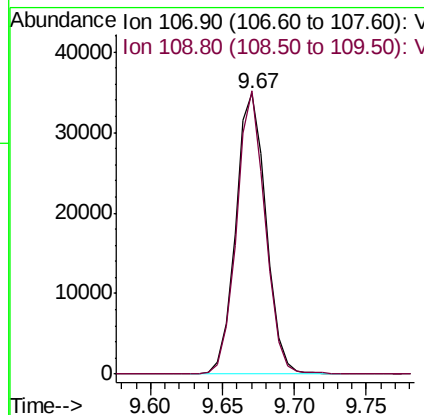
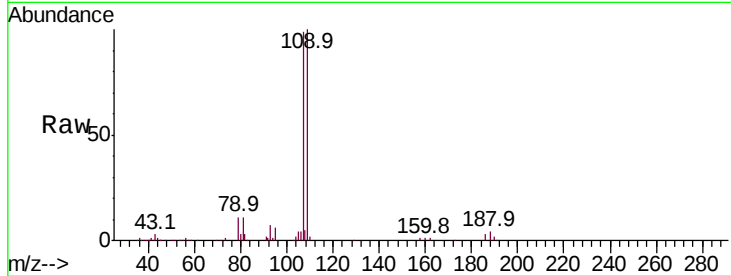
#61
 1,2-Dibromoethane
 Concen: 19.760 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.4	113.0

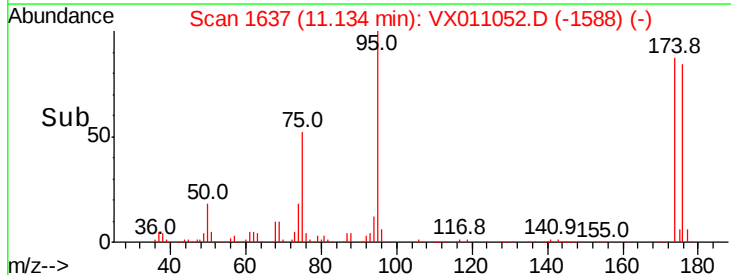
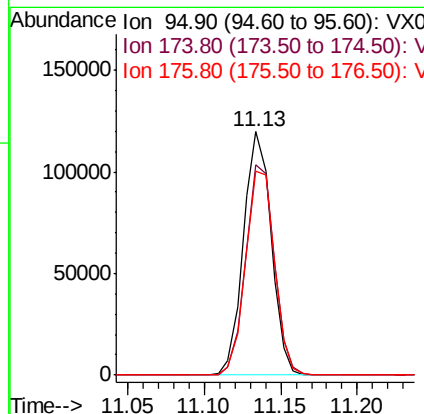
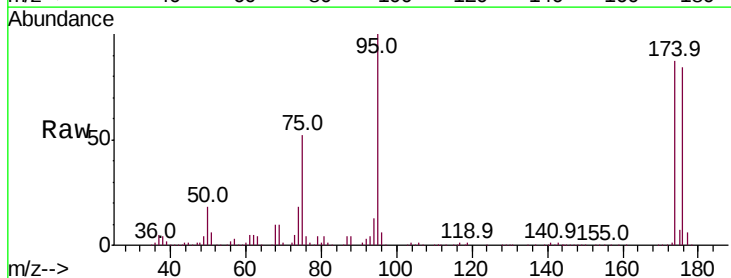
Manual Integrations
 APPROVED

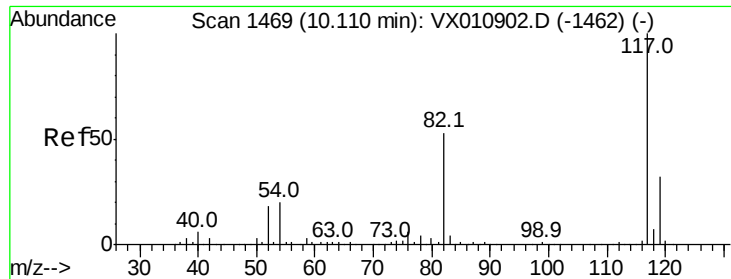
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#62
 4-Bromofluorobenzene
 Concen: 48.370 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.2	0.0	180.6
176	87.4	0.0	173.8





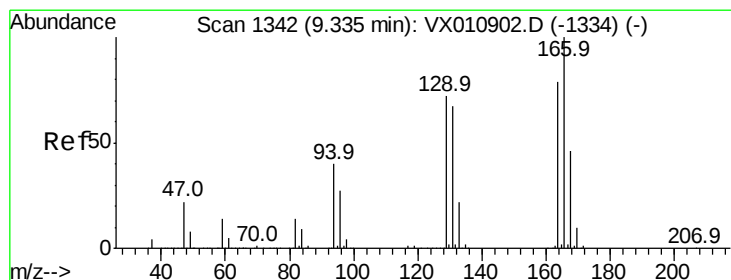
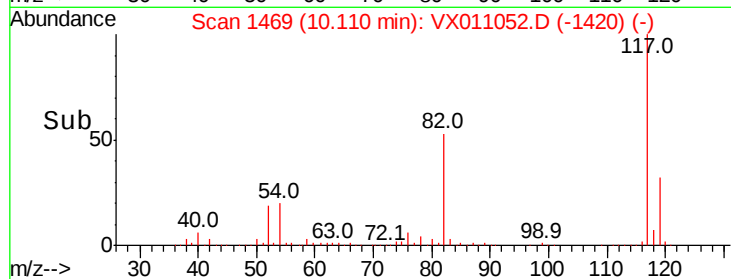
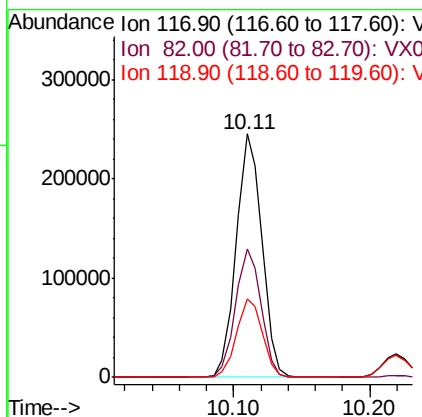
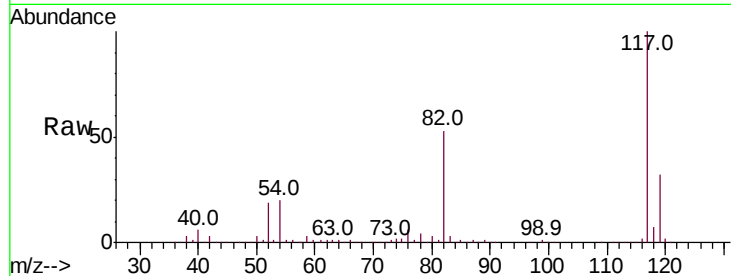
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.6	63.8
119	32.0	25.9	38.9

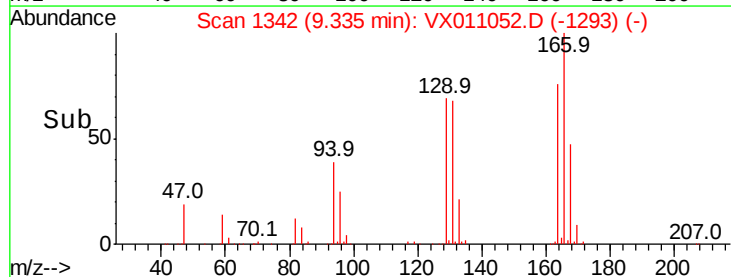
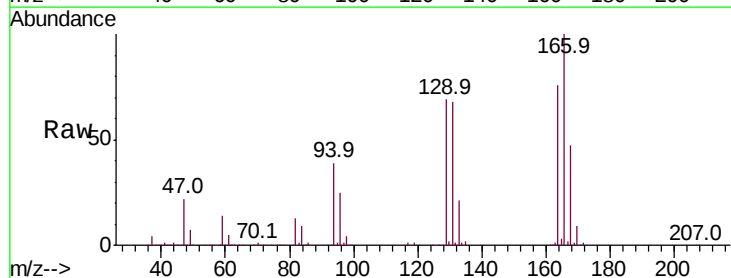
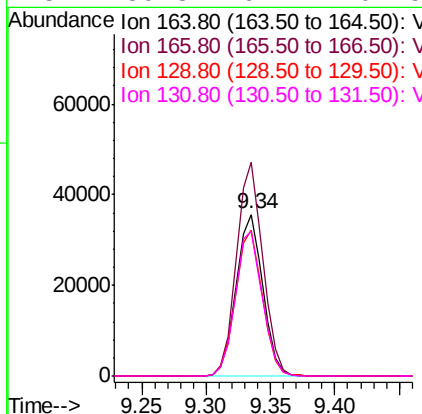
Manual Integrations
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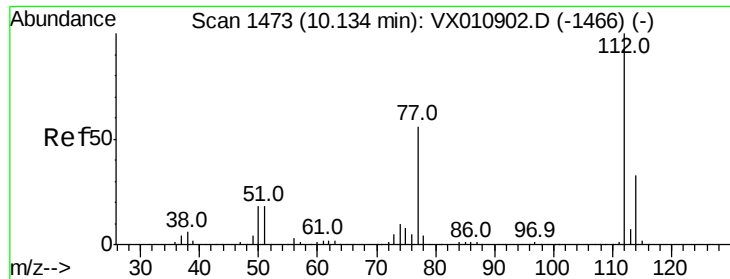
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#64
Tetrachloroethene
Concen: 20.173 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.3	100.8	151.2
129	90.7	72.6	109.0
131	89.8	67.7	101.5





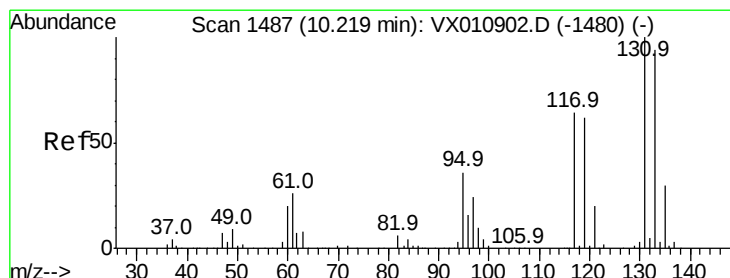
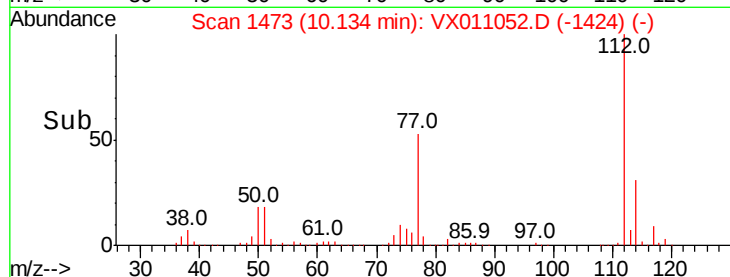
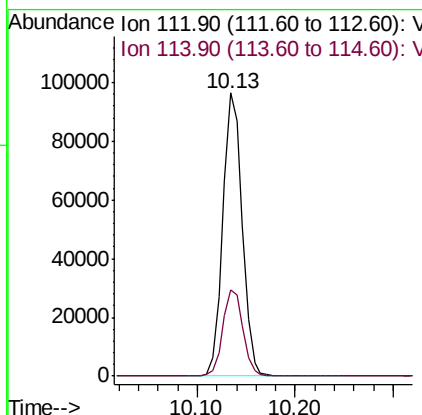
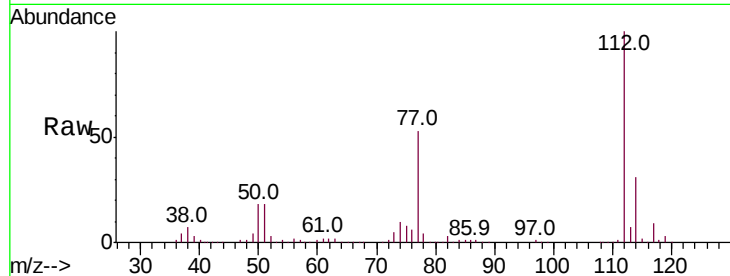
#65
Chlorobenzene
Concen: 19.987 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Instrument :
MSVOA_X
ClientSampleID :
VX0723WBSD01

Tot Ion:112 Resp: 132435
Ion Ratio Lower Upper
112 100
114 30.7 26.2 39.4

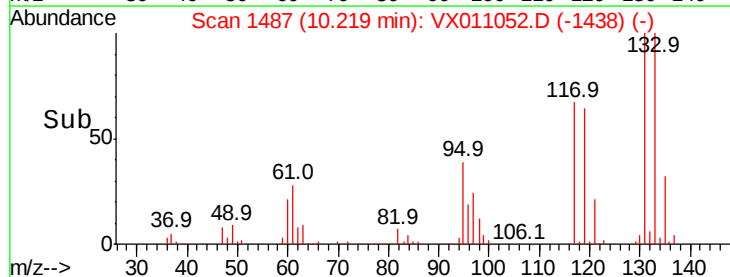
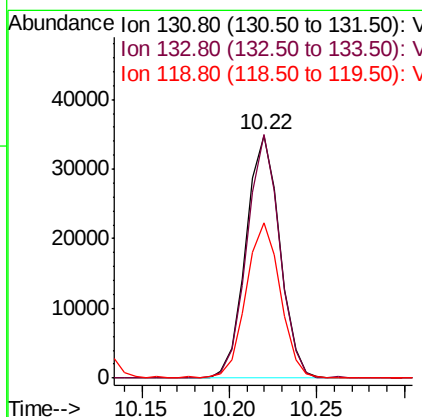
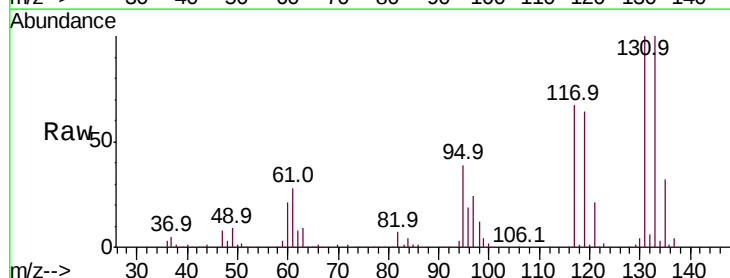
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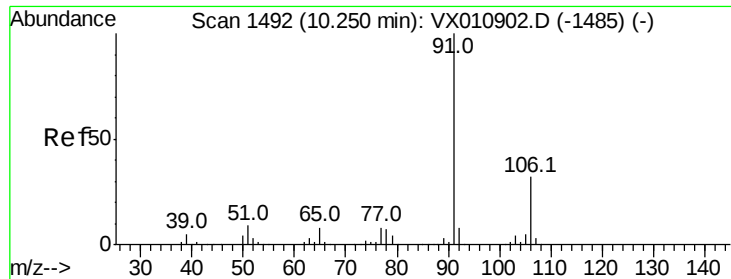
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.099 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion:131 Resp: 46806
Ion Ratio Lower Upper
131 100
133 97.5 47.1 141.4
119 64.9 31.9 95.7





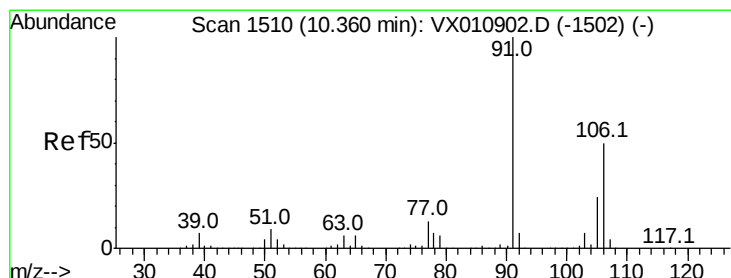
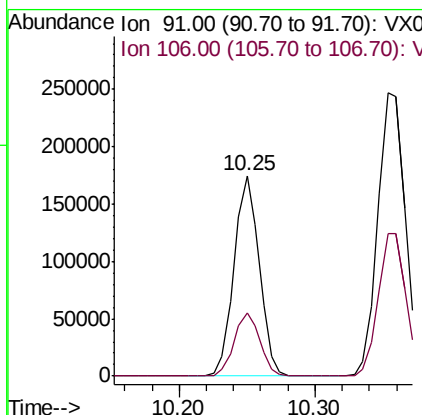
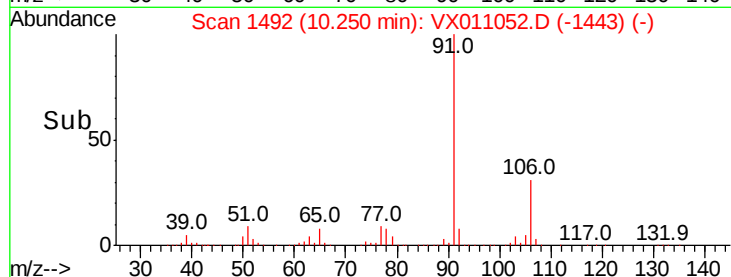
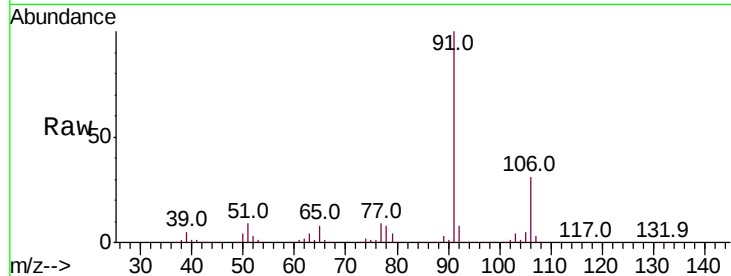
#67
Ethyl Benzene
Concen: 20.001 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion: 91 Resp: 225577
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2

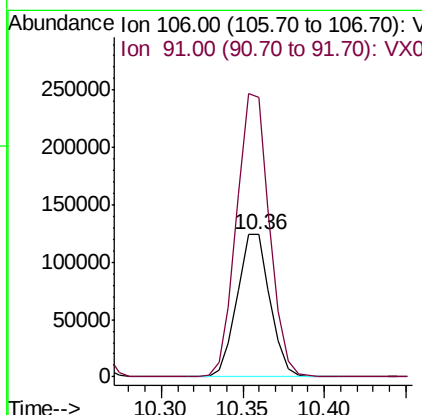
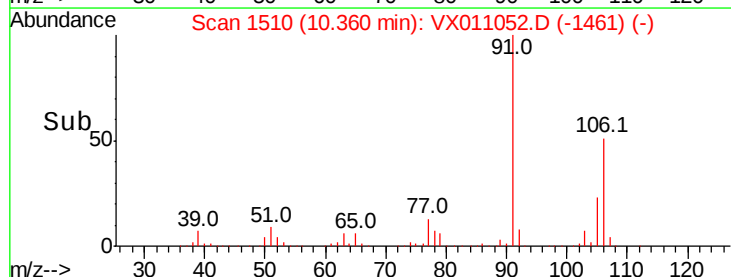
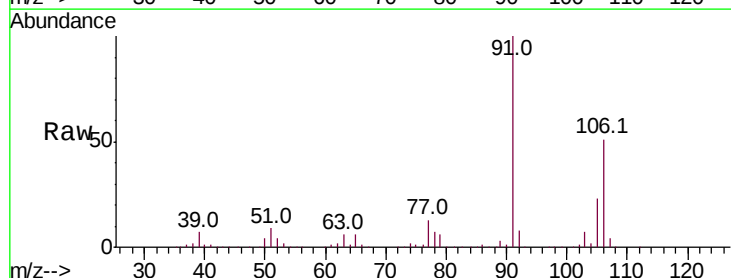
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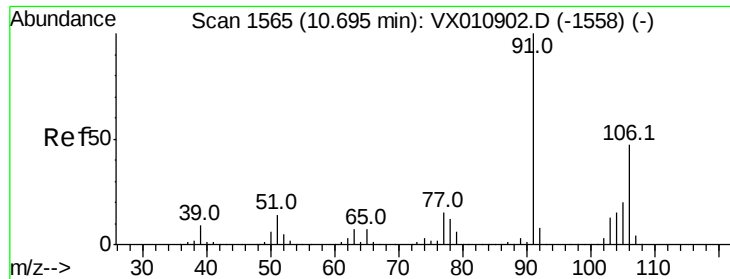
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#68
m/p-Xylenes
Concen: 40.294 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion: 106 Resp: 174322
Ion Ratio Lower Upper
106 100
91 199.0 160.1 240.1





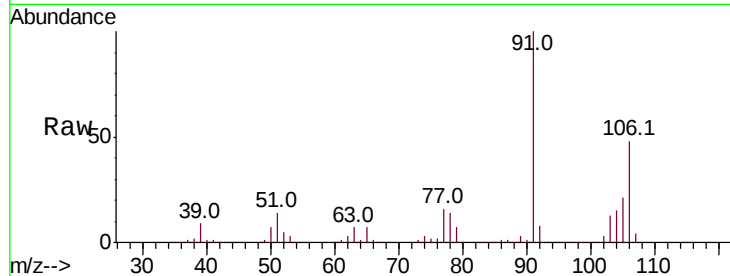
#69
o-Xylene
Concen: 20.010 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

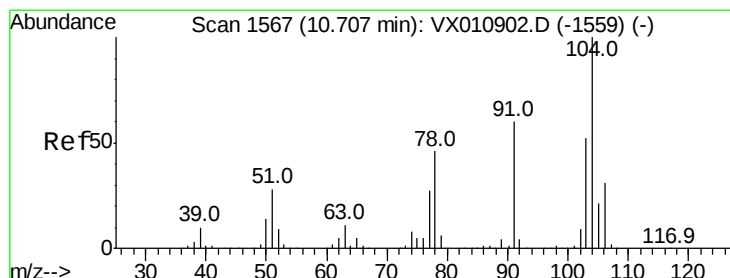
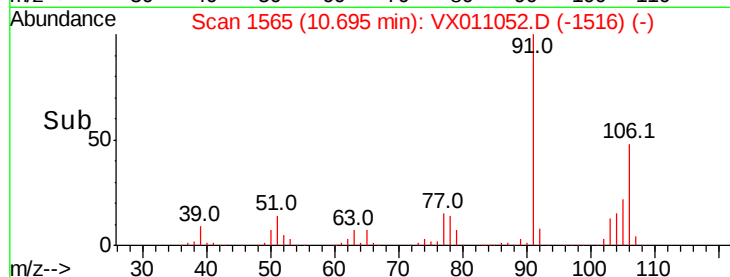
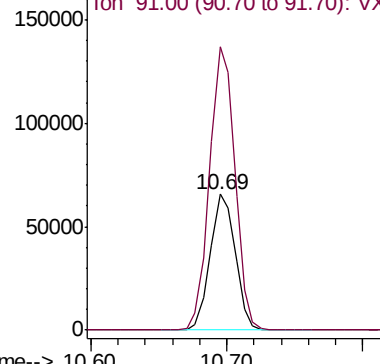
Tot Ion:106 Resp: 84487
Ion Ratio Lower Upper
106 100
91 210.9 105.1 315.3

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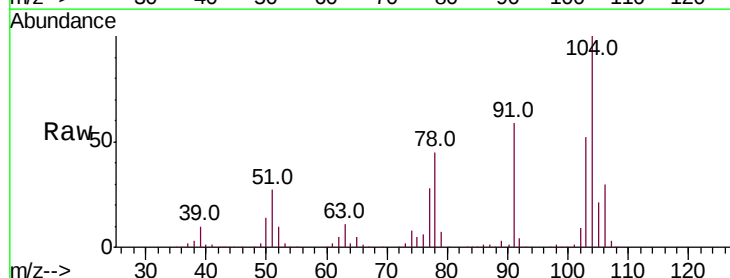


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

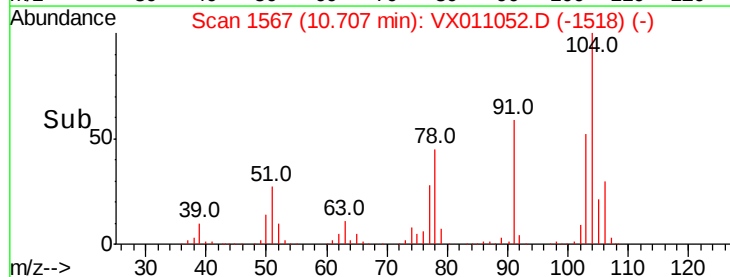
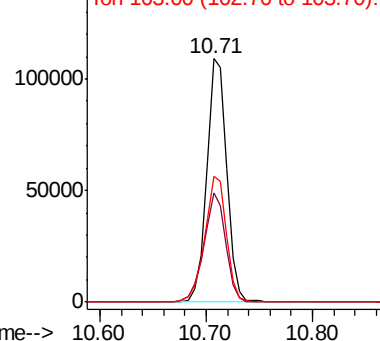


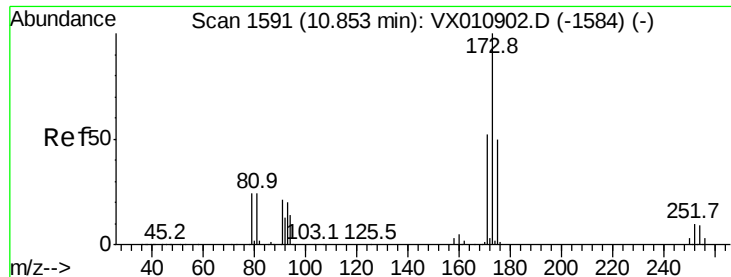
#70
Styrene
Concen: 20.425 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion:104 Resp: 143761
Ion Ratio Lower Upper
104 100
78 48.6 38.8 58.2
103 56.0 44.2 66.4



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





#71

Bromoform

Concen: 18.574 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion:173 Resp: 35803

Ion Ratio Lower Upper

173 100

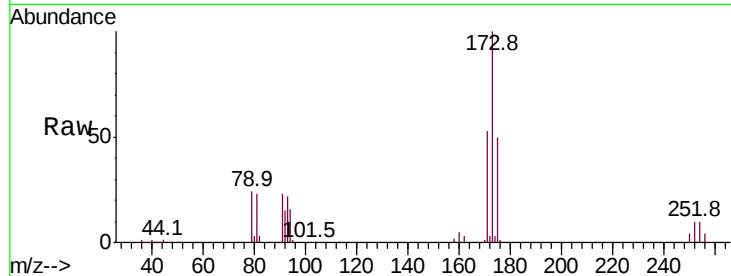
175 49.5 24.6 73.6

254 0.0 0.1 0.1#

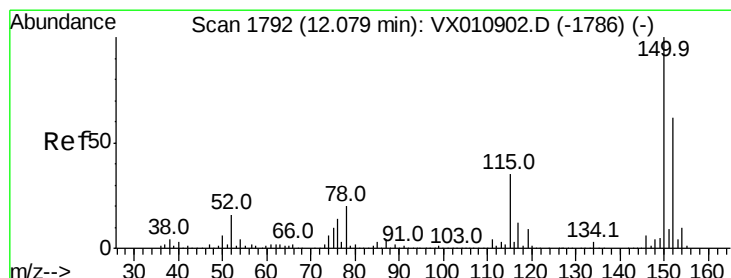
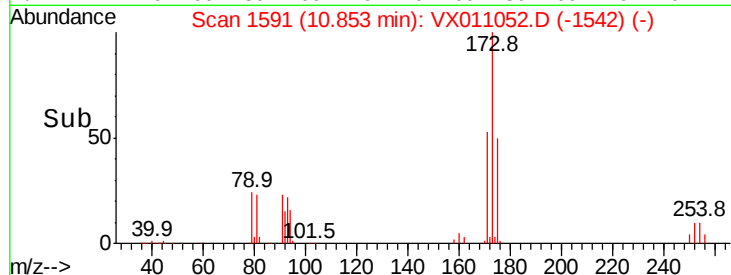
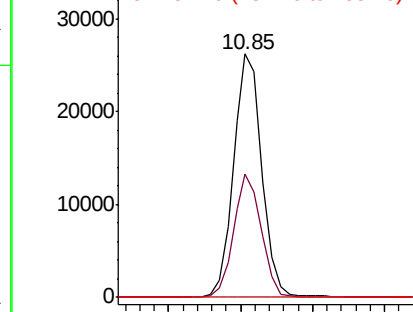
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

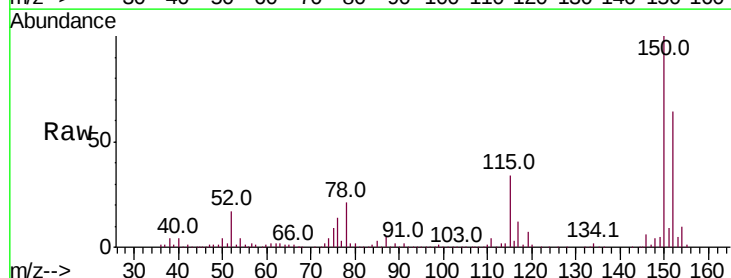
Tgt Ion:152 Resp: 174933

Ion Ratio Lower Upper

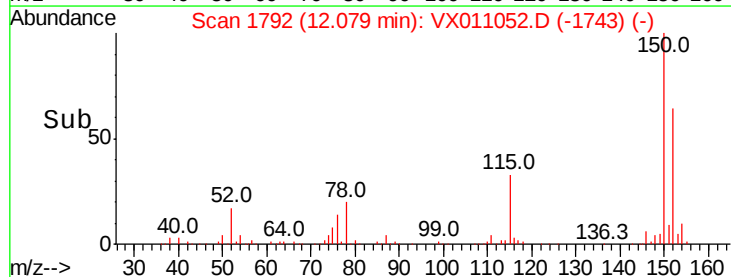
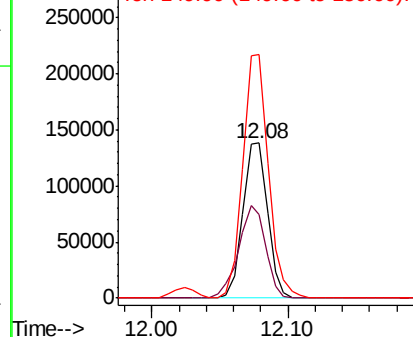
152 100

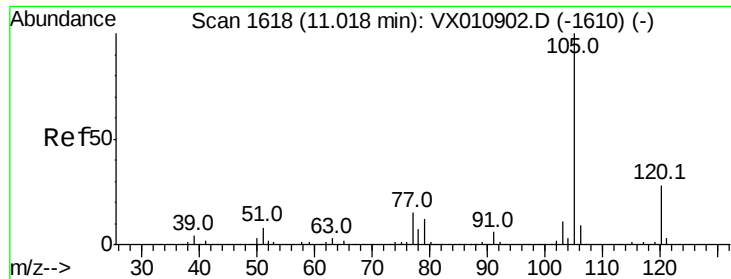
115 65.1 39.7 119.1

150 162.3 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: 19.590 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion:105 Resp: 231561

Ion Ratio Lower Upper

105 100

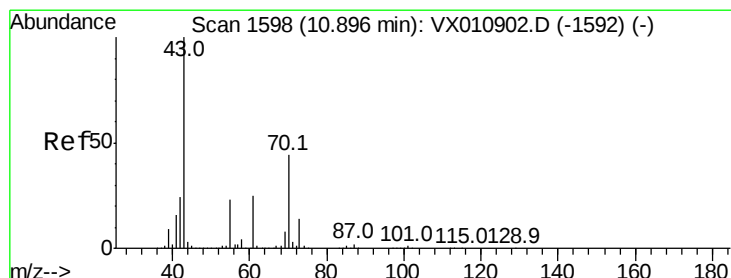
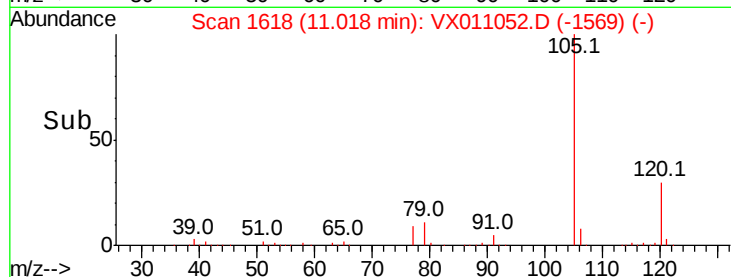
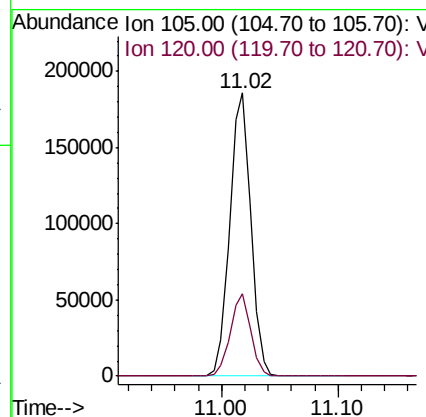
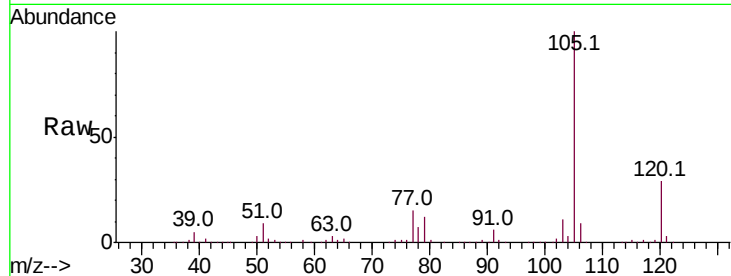
120 28.2 13.7 41.1

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#74

N-ethyl acetate

Concen: 19.455 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Tgt Ion: 43 Resp: 87868

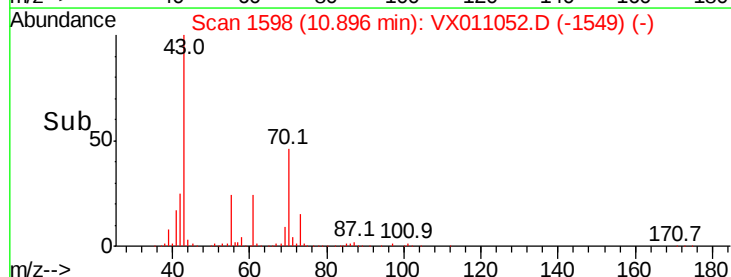
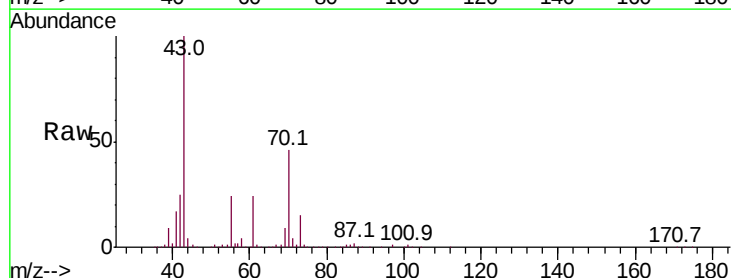
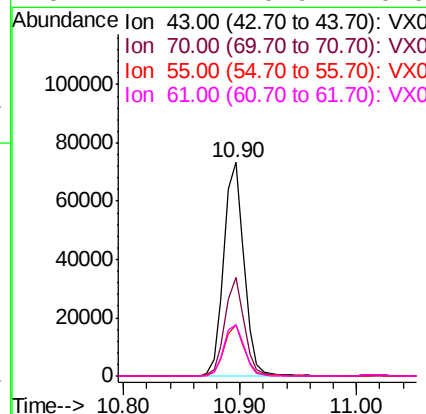
Ion Ratio Lower Upper

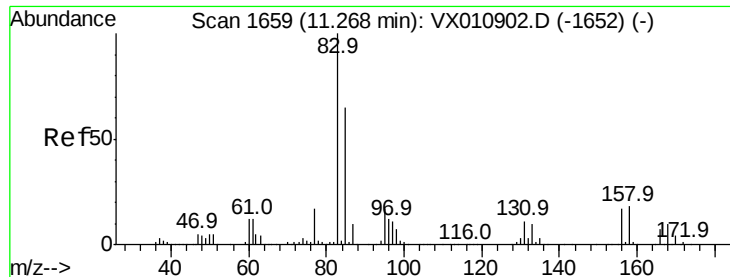
43 100

70 44.0 34.7 52.1

55 23.9 19.1 28.7

61 24.7 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.386 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

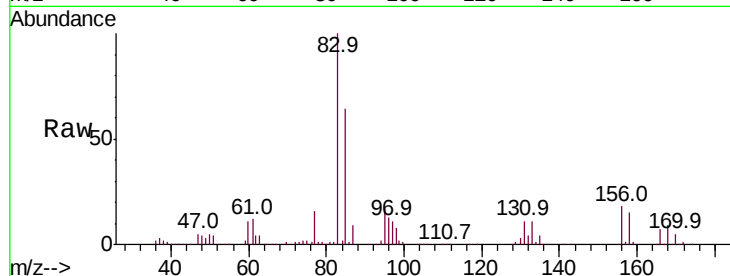
ClientSampleId :

VX0723WBSD01

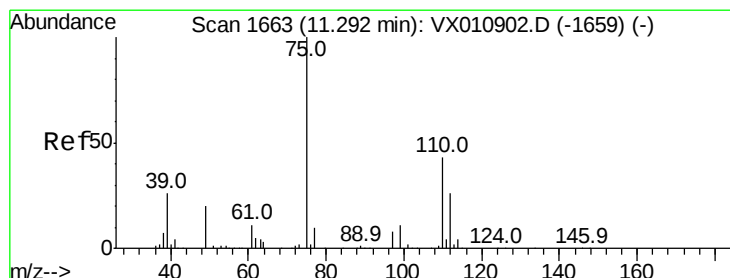
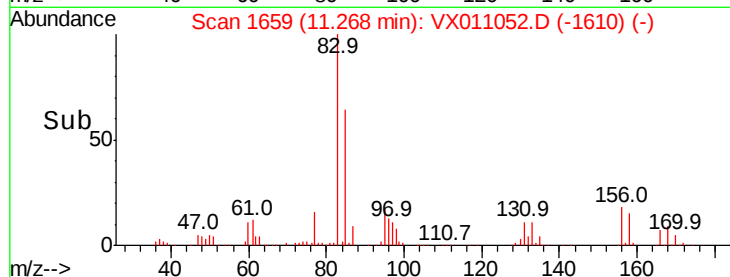
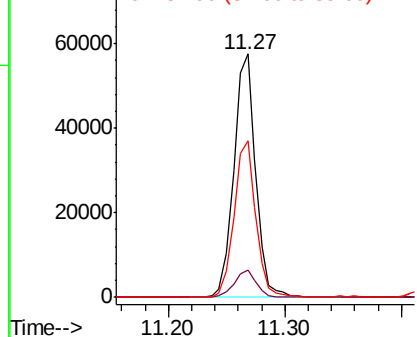
Tot Ion:	83	Resp:	74990
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.5	16.4
85	64.2	32.3	96.9

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: 19.556 ug/l m

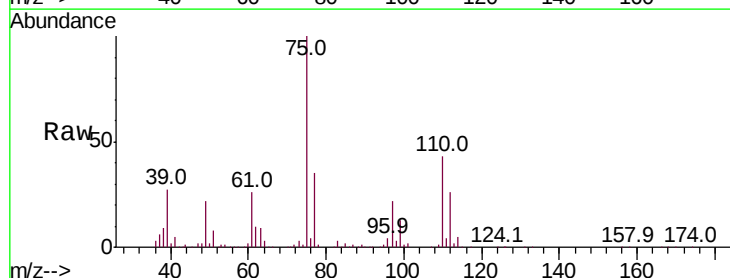
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

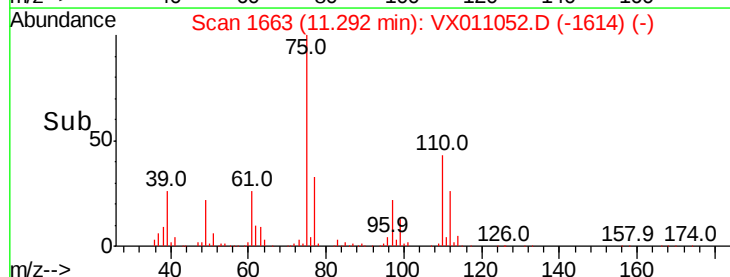
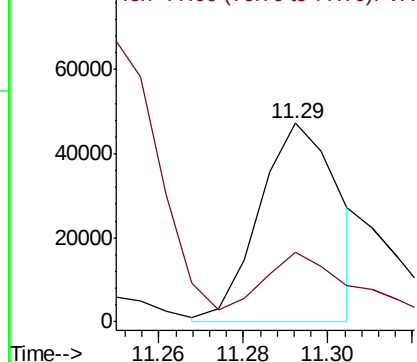
Lab File: VX011052.D

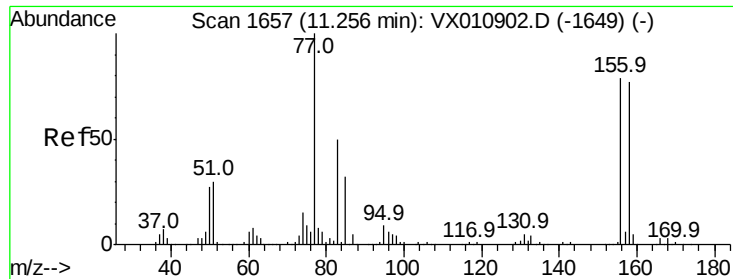
Acq: 23 Jul 2019 12:08

Tgt Ion:	75	Resp:	61734
Ion	Ratio	Lower	Upper
75	100		
77	42.4	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: 19.427 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

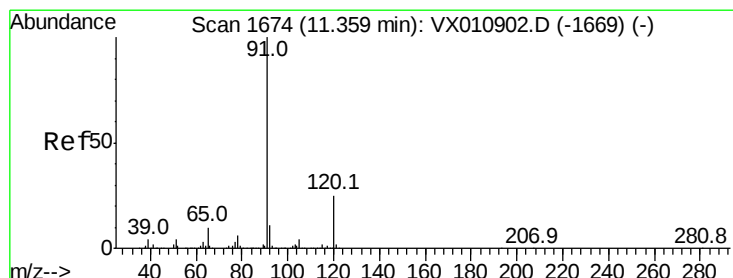
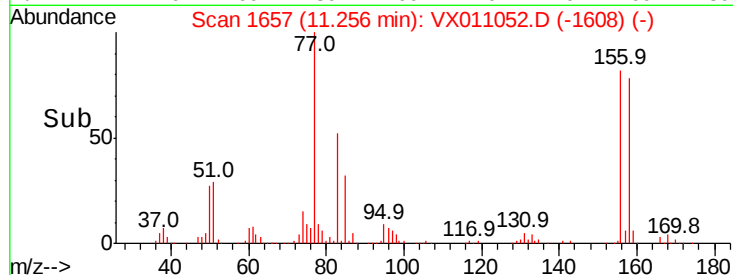
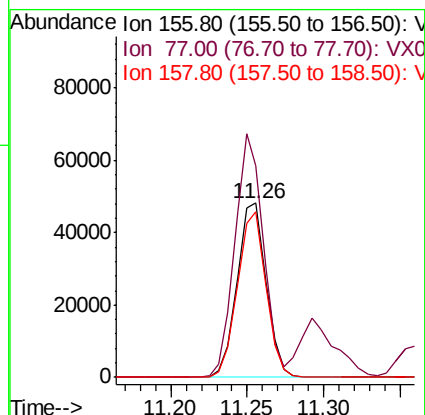
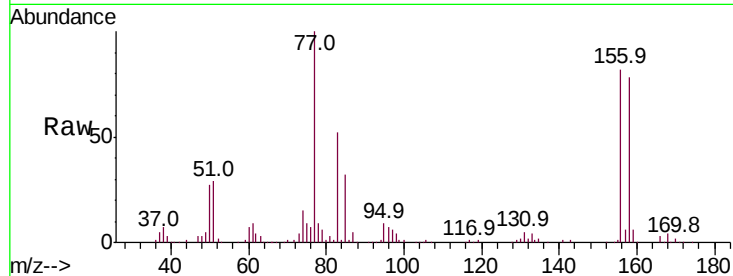
VX0723WBSD01

Tot Ion:156 Resp: 63340

Ion	Ratio	Lower	Upper
156	100		
77	136.4	68.7	206.1
158	93.4	47.9	143.7

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#78

n-propylbenzene

Concen: 19.892 ug/l

RT: 11.36 min Scan# 1674

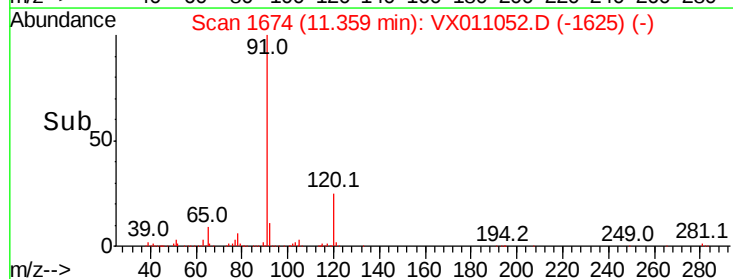
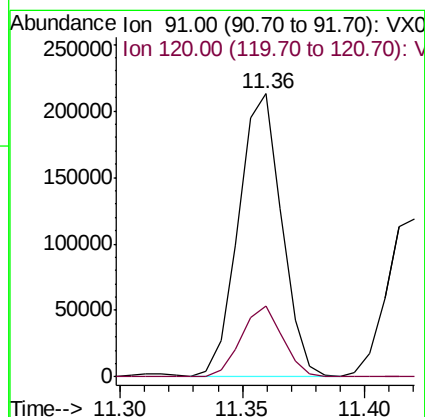
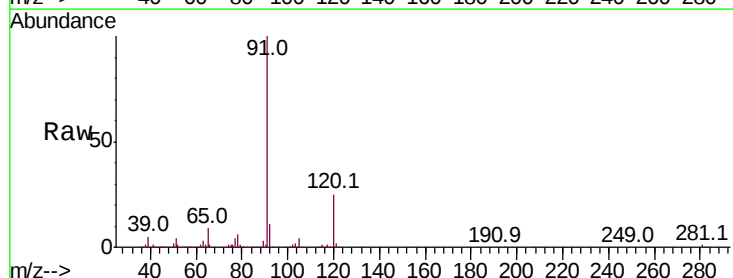
Delta R.T. -0.00 min

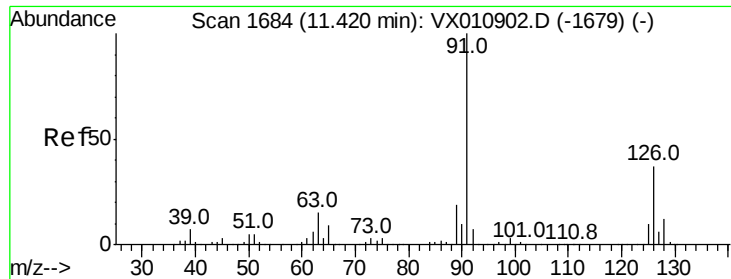
Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Tgt Ion: 91 Resp: 259797

Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.3	36.8





#79

2-Chlorotoluene

Concen: 19.331 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion: 91 Resp: 151665

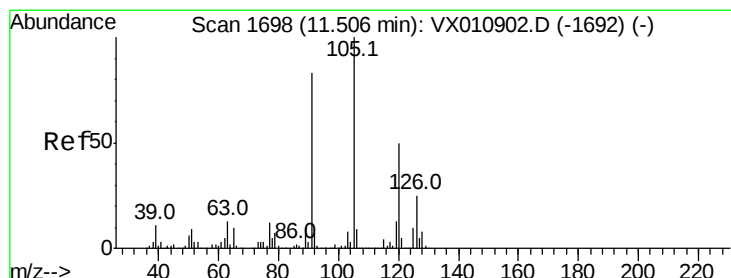
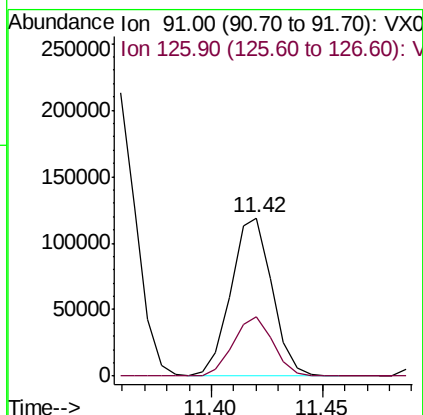
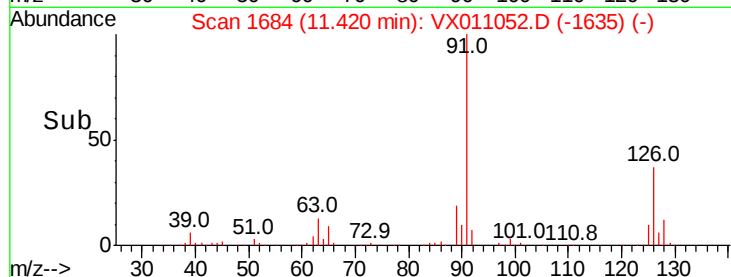
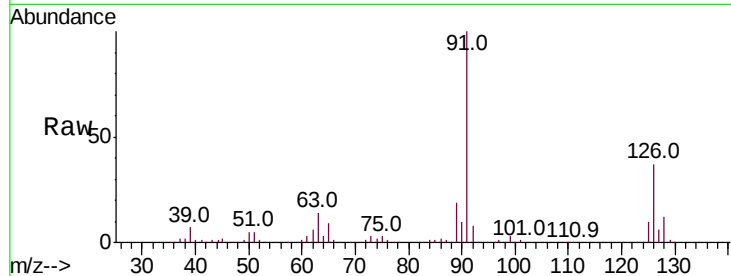
Ion Ratio Lower Upper

91 100

126 36.9 18.0 54.0

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 19.689 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011052.D

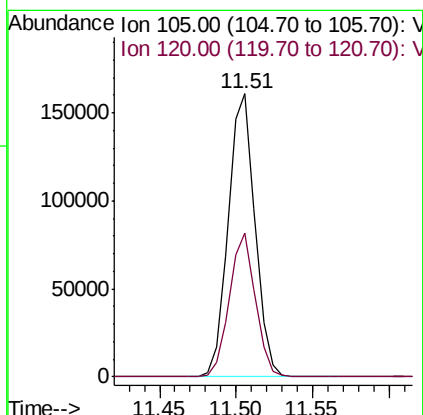
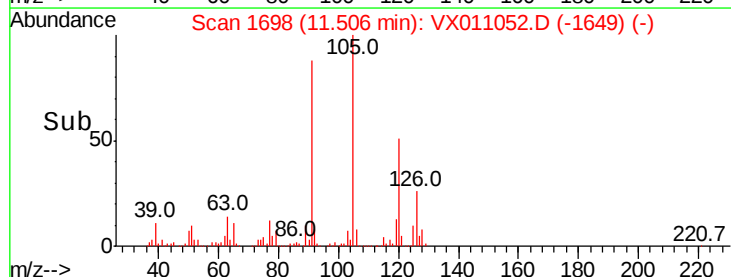
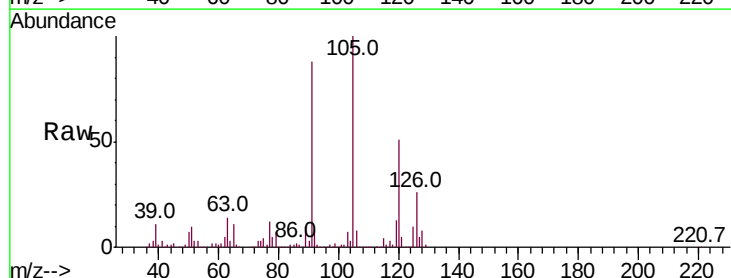
Acq: 23 Jul 2019 12:08

Tgt Ion: 105 Resp: 194469

Ion Ratio Lower Upper

105 100

120 49.4 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.825 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

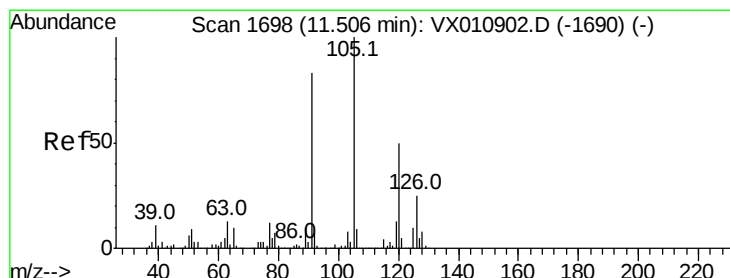
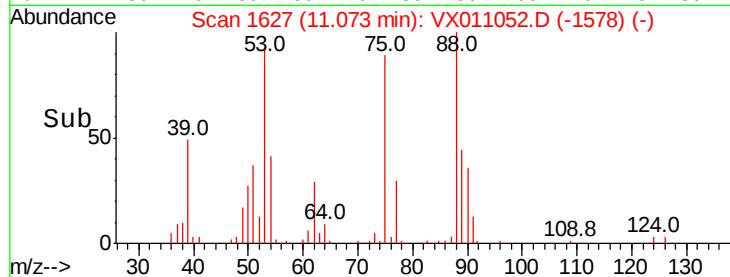
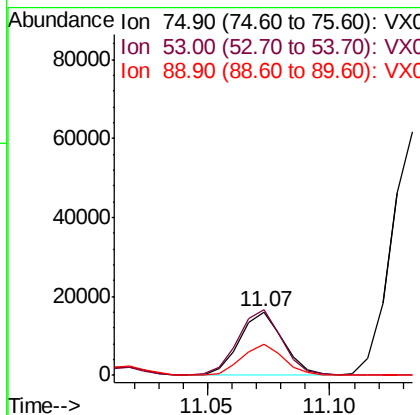
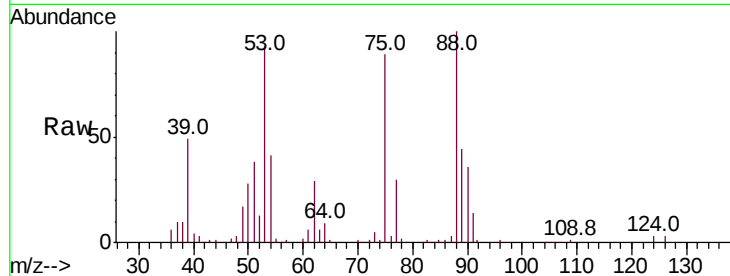
ClientSampleId :

VX0723WBSD01

Tot Ion:	75	Resp:	20097
Ion Ratio	Lower	Upper	
75	100		
53	105.3	76.7	115.1
89	46.4	38.5	57.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.572 ug/l

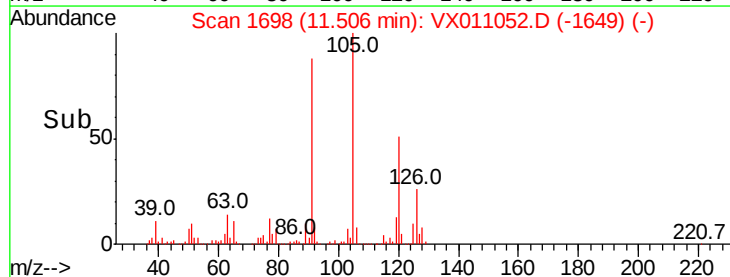
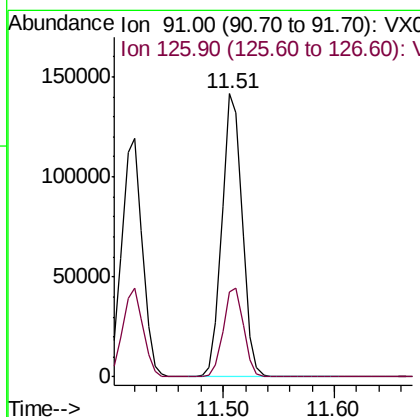
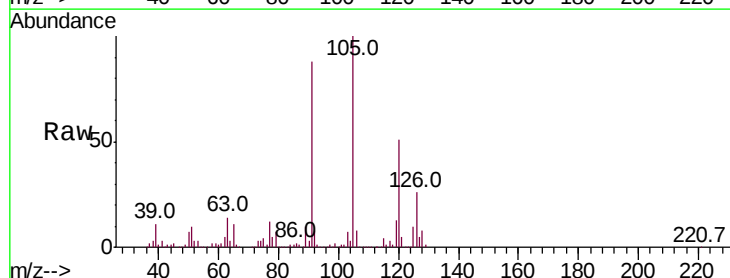
RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Tgt Ion:	91	Resp:	178718
Ion Ratio	Lower	Upper	
91	100		
126	31.7	15.9	47.7





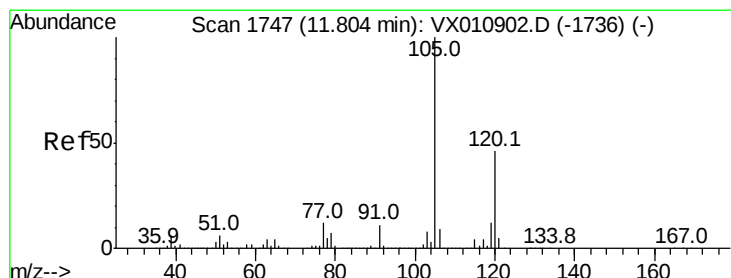
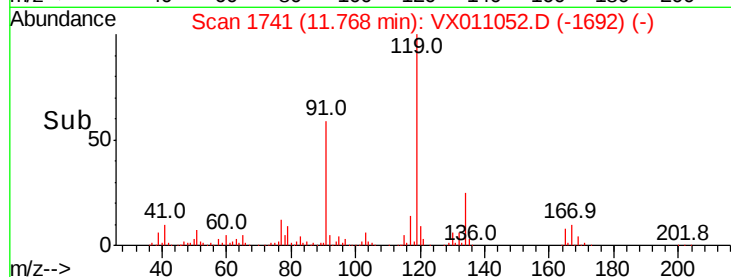
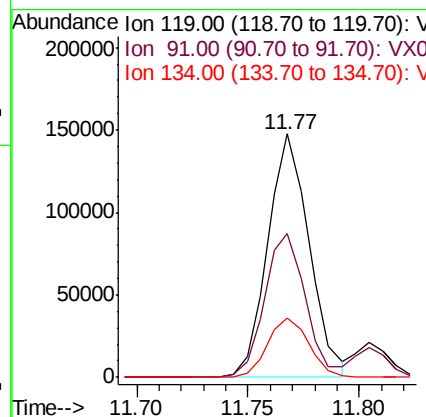
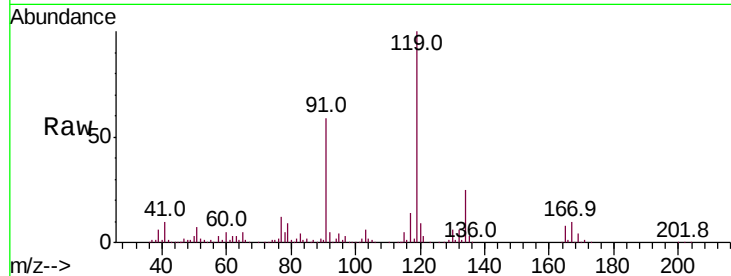
#83
tert-Butylbenzene
Concen: 19.668 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	190813		
91	58.7	28.6	85.8	
134	24.5	11.6	34.8	

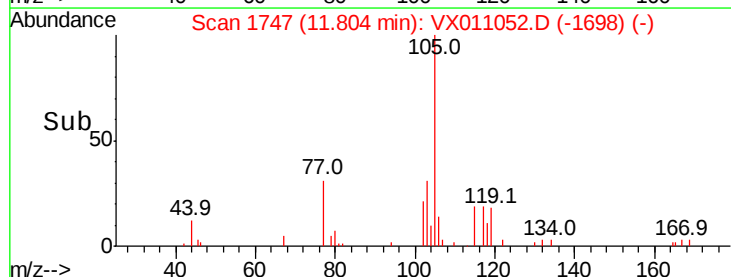
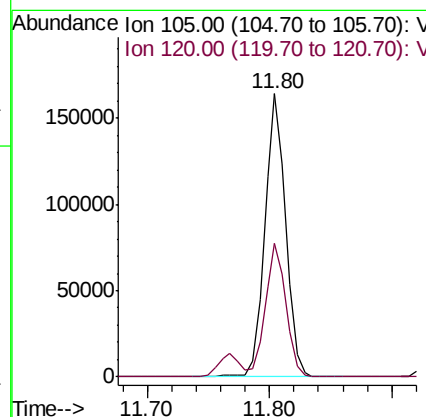
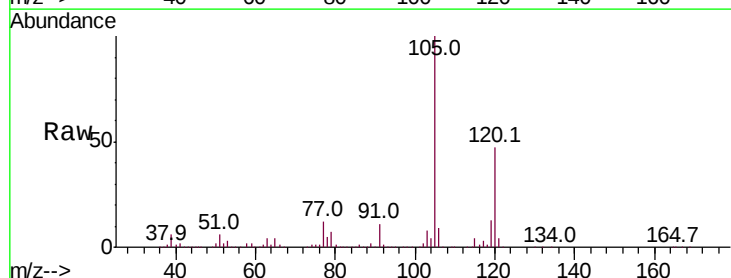
Manual Integrations
APPROVED

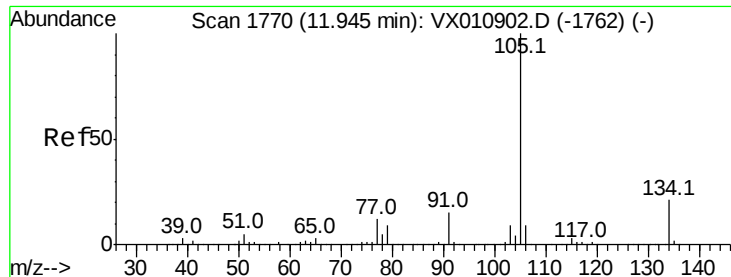
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 19.593 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	195053		
120	46.5	22.9	68.5	





#85

sec-Butylbenzene

Concen: 20.152 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion:105 Resp: 229082

Ion Ratio Lower Upper

105 100

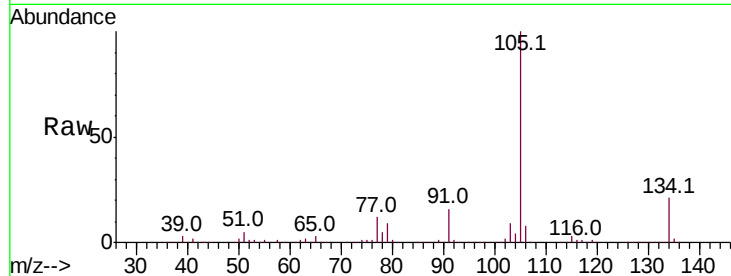
134 20.7 10.4 31.4

Manual Integrations

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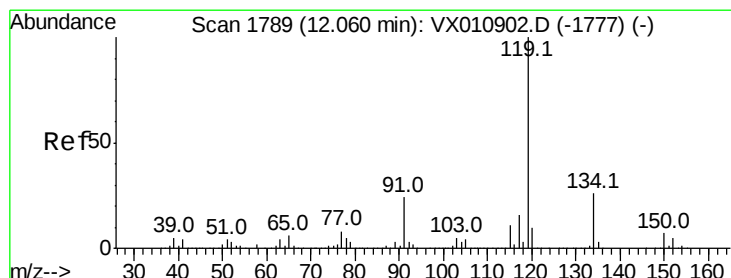
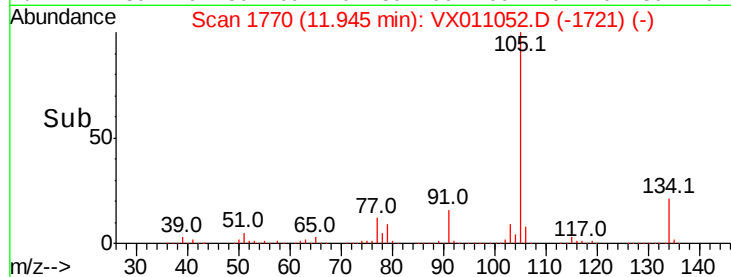
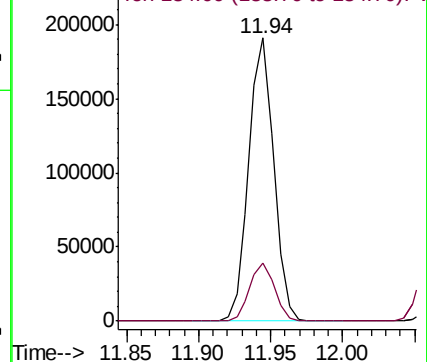
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.393 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

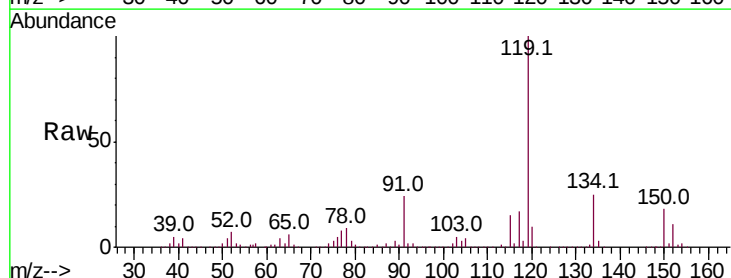
Tgt Ion:119 Resp: 214316

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.1

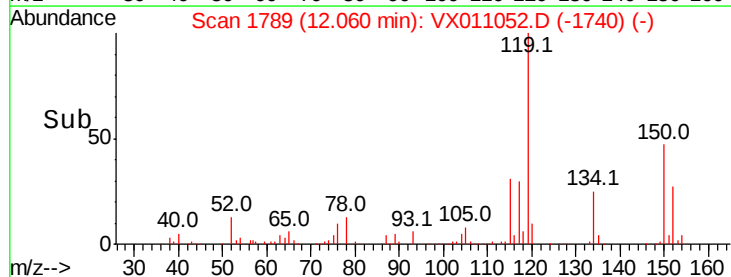
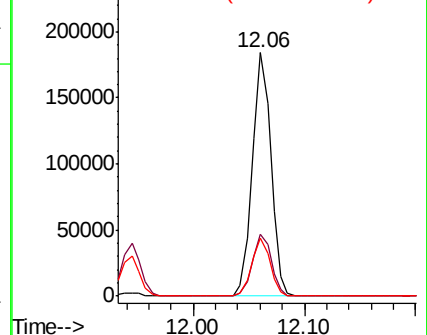
91 23.8 11.8 35.4

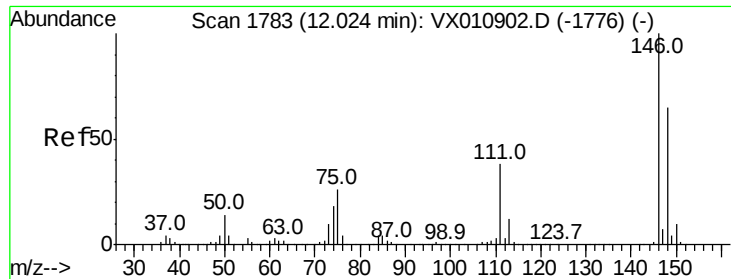


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





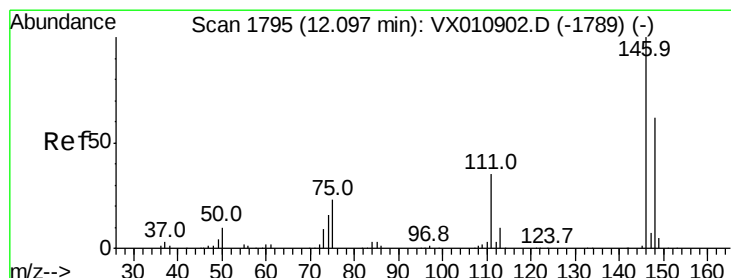
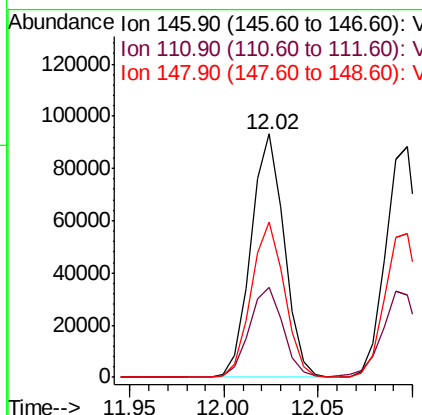
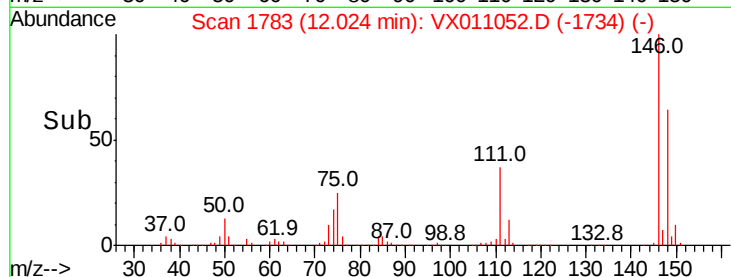
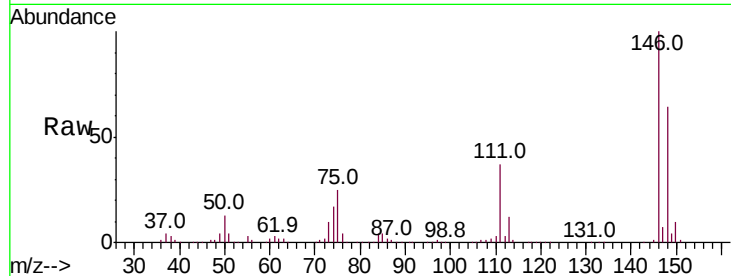
#87
 1,3-Dichlorobenzene
 Concen: 20.115 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.9
148	63.8	32.2	96.6

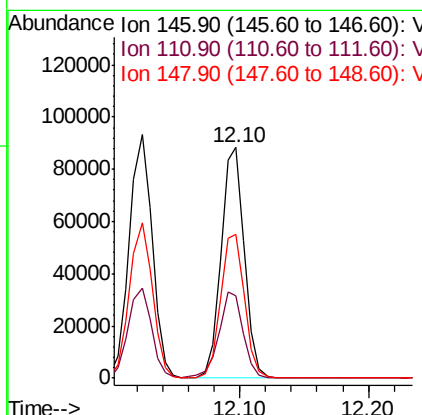
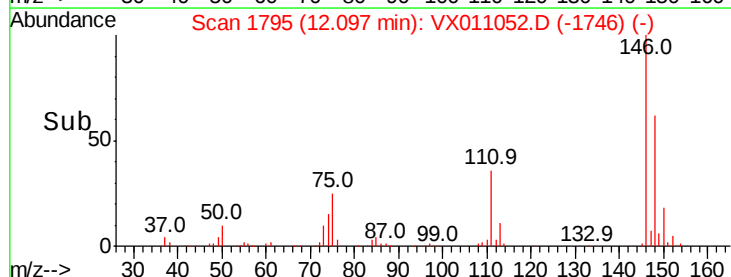
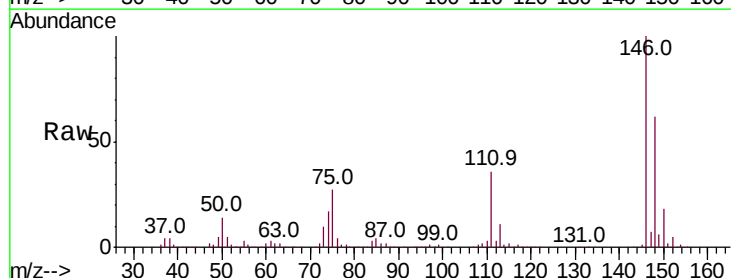
Manual Integrations
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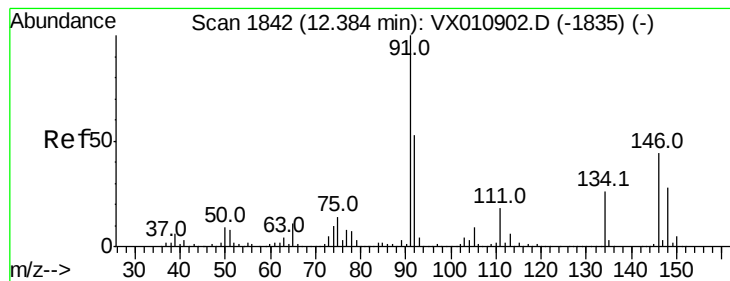
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 7/25/2019 3:07:01 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.391 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.6	55.8
148	64.4	31.6	94.7





#89

n-Butylbenzene

Concen: 20.235 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion: 91 Resp: 181933
Ion Ratio Lower Upper

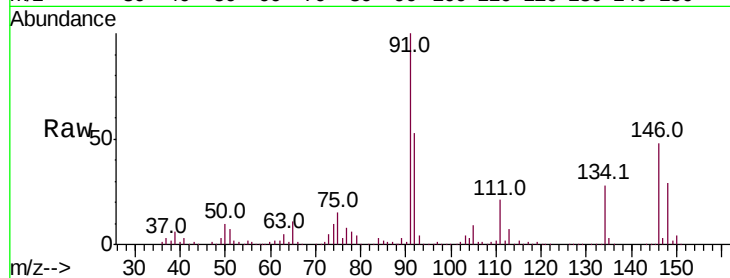
91 100

92 52.8 26.2 78.5

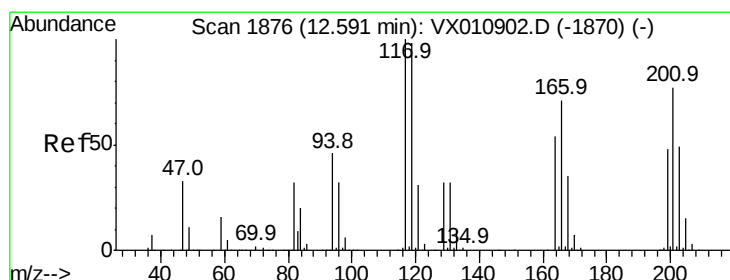
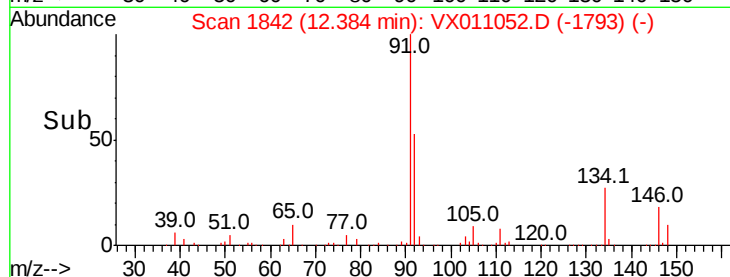
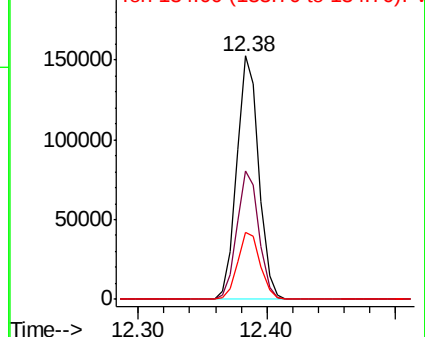
134 28.2 13.8 41.3

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.673 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.00 min

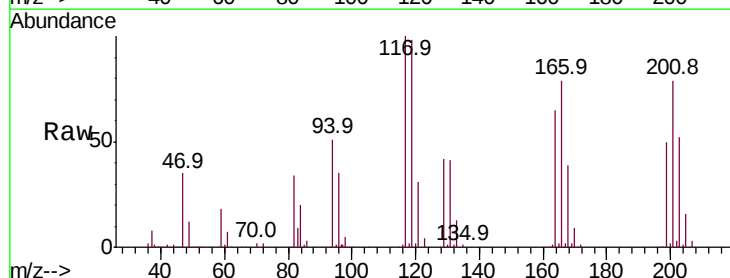
Lab File: VX011052.D

Acq: 23 Jul 2019 12:08

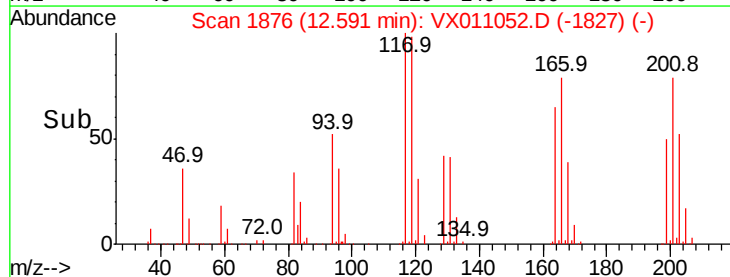
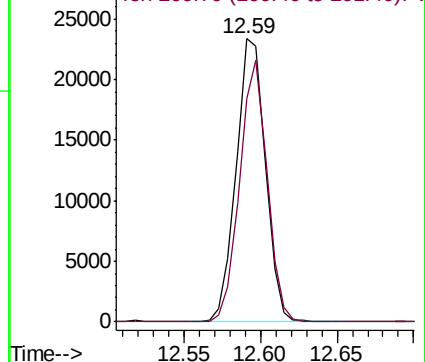
Tgt Ion: 117 Resp: 30953
Ion Ratio Lower Upper

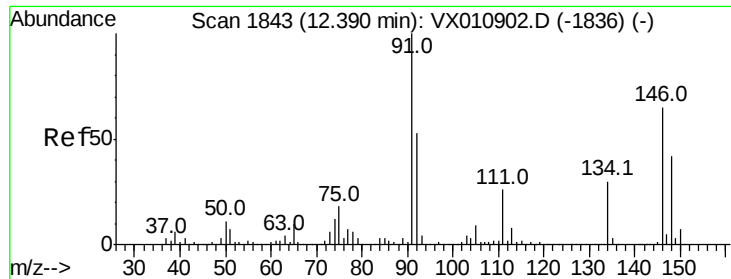
117 100

201 86.4 43.3 129.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





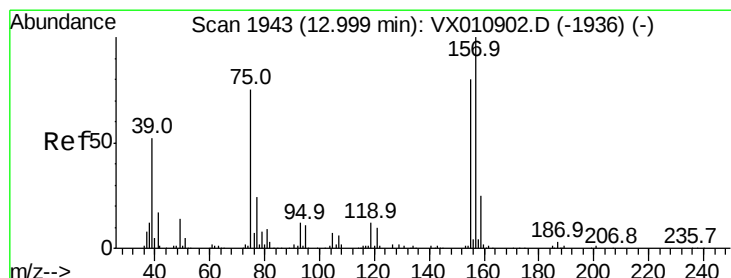
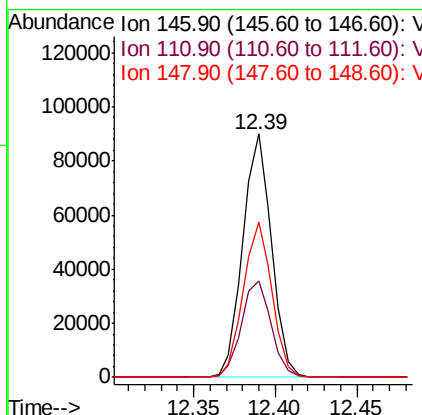
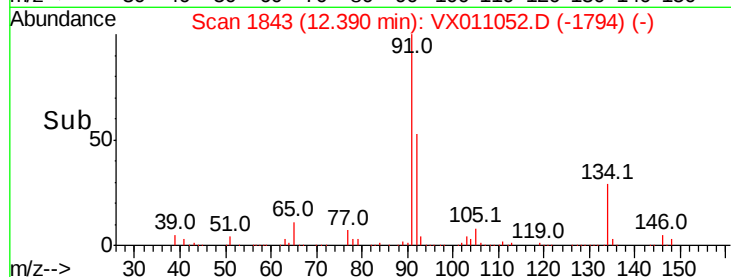
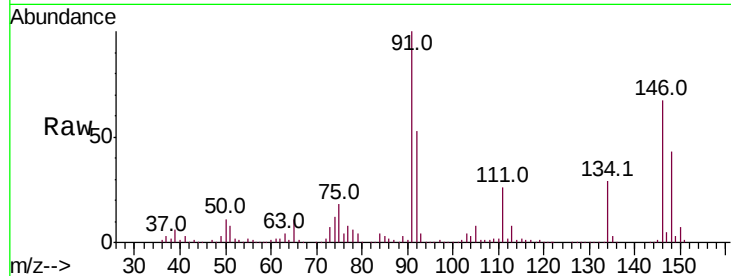
#91
 1,2-Dichlorobenzene
 Concen: 19.789 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.9	59.7
148	63.7	32.0	96.2

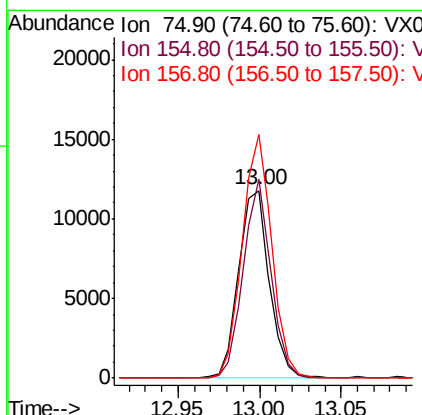
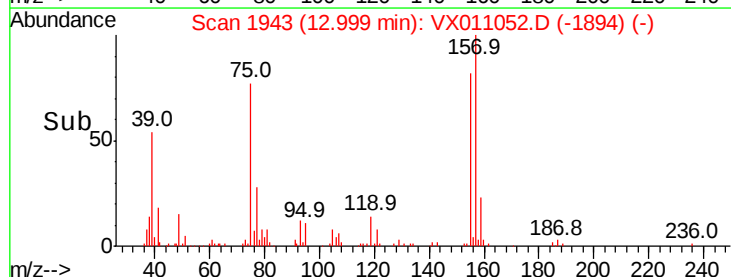
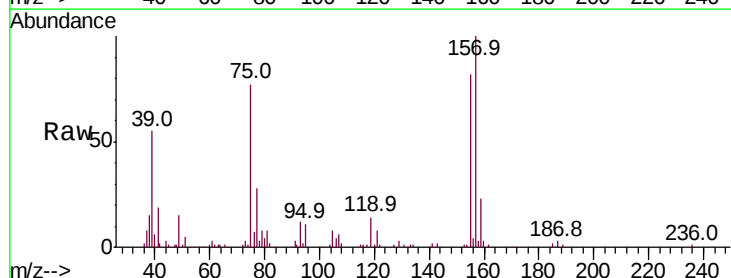
Manual Integrations
 APPROVED

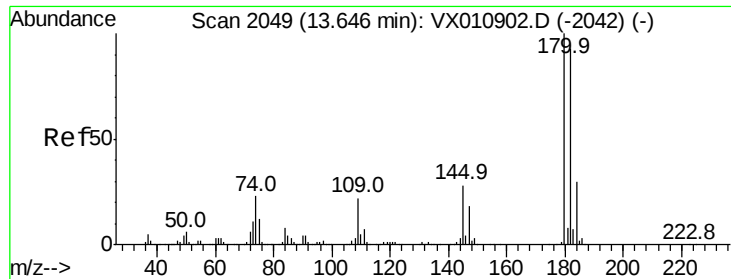
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.094 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.6	48.7	146.1
157	124.7	62.5	187.6





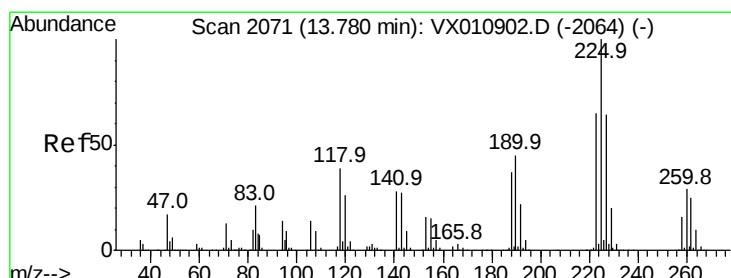
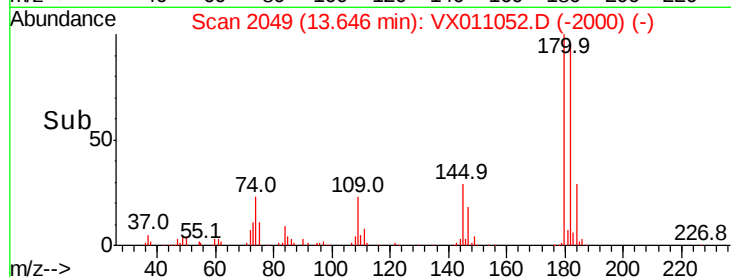
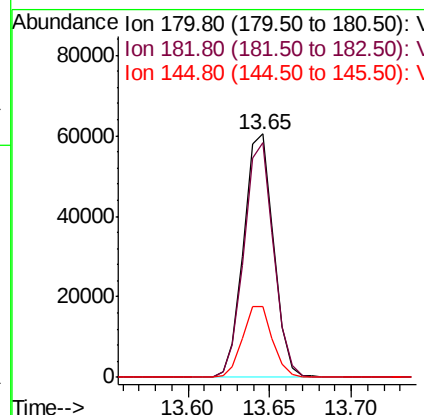
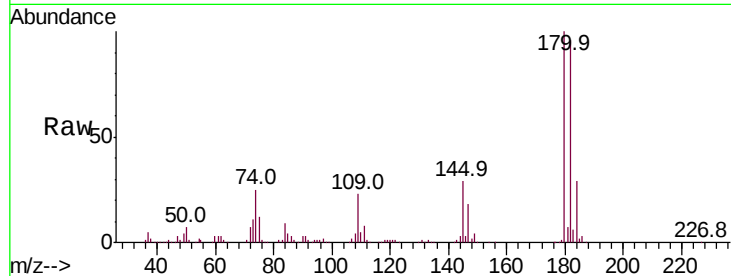
#93
 1,2,4-Trichlorobenzene
 Concen: 20.360 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.5	47.1	141.3	
145	29.3	14.8	44.4	

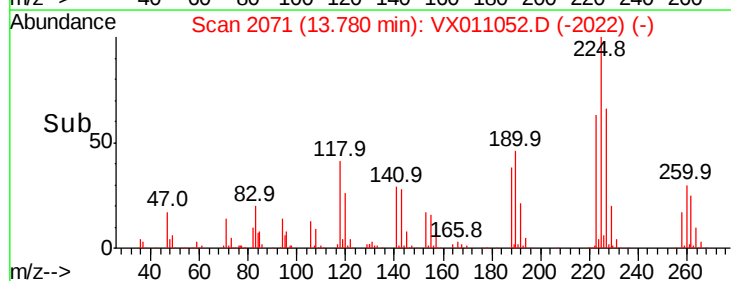
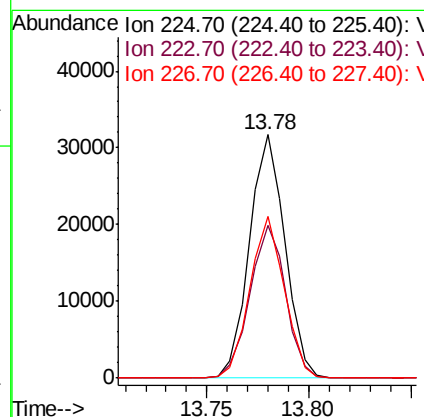
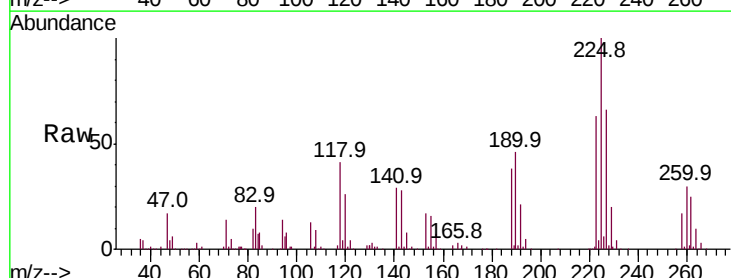
Manual Integrations
 APPROVED

MMDadoda
 7/25/2019 3:07:01 PM



#94
 Hexachlorobutadiene
 Concen: 20.379 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011052.D
 Acq: 23 Jul 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	31.9	95.9	
227	64.4	32.5	97.4	





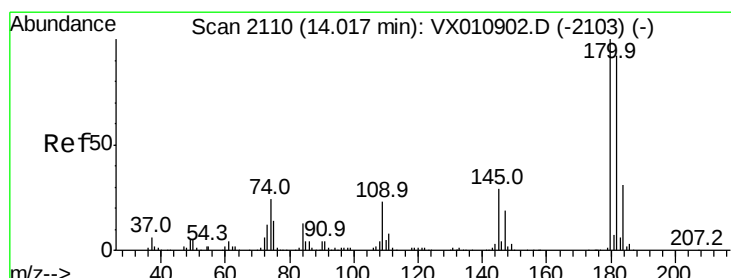
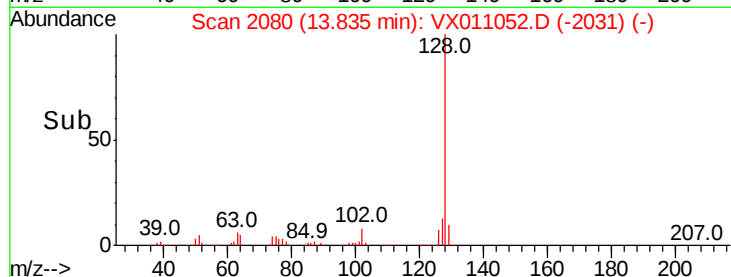
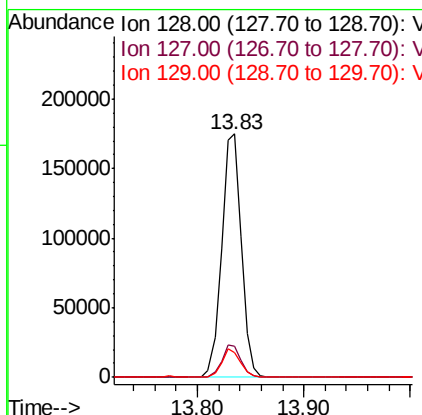
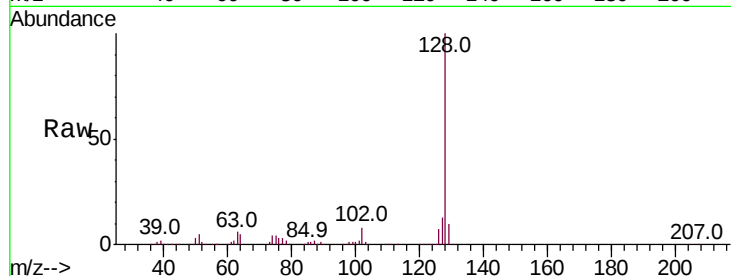
#95
Naphthalene
Concen: 20.064 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/25/2019 3:07:01 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.278 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011052.D
Acq: 23 Jul 2019 12:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.4	142.3
145	31.3	15.1	45.3

