

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071819\
 Data File : VX010959.D
 Acq On : 18 Jul 2019 15:22
 Operator : JC/SP
 Sample : VX0718WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 12:03:34 PM

Quant Time: Jul 19 02:16:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	206071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	305483	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	145986	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109937	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
35) Dibromofluoromethane	5.49	113	97540	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
50) Toluene-d8	8.71	98	373012	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.13	95	131580	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	42134	19.512	ug/l	99
3) Chloromethane	1.33	50	37142	19.600	ug/l	99
4) Vinyl Chloride	1.41	62	39386	20.376	ug/l	99
5) Bromomethane	1.64	94	23532	21.604	ug/l	99
6) Chloroethane	1.73	64	26752	21.779	ug/l	95
7) Trichlorofluoromethane	1.93	101	64597	19.743	ug/l	98
8) Diethyl Ether	2.19	74	21488	19.061	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37033	19.823	ug/l	98
10) Methyl Iodide	2.51	142	41370	16.875	ug/l	99
11) Tert butyl alcohol	3.04	59	47337	92.715	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36256	19.752	ug/l	99
13) Acrolein	2.29	56	25688	87.082	ug/l	99
14) Allyl chloride	2.73	41	49402	18.529	ug/l	99
15) Acrylonitrile	3.14	53	97531	94.535	ug/l	98
16) Acetone	2.44	43	84473	85.314	ug/l	95
17) Carbon Disulfide	2.57	76	82233	17.465	ug/l	99
18) Methyl Acetate	2.78	43	43349	19.227	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	114297	19.343	ug/l	99
20) Methylene Chloride	2.85	84	40188	19.152	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	38876	19.961	ug/l	93
22) Diisopropyl ether	3.85	45	109055	19.394	ug/l	98
23) Vinyl Acetate	3.82	43	457827	96.092	ug/l	99
24) 1,1-Dichloroethane	3.70	63	62571	19.160	ug/l	97
25) 2-Butanone	4.67	43	134195	94.415	ug/l	100
26) 2,2-Dichloropropane	4.59	77	45747	17.061	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	43465	19.284	ug/l	99
28) Bromochloromethane	5.01	49	30067	19.538	ug/l	99
29) Tetrahydrofuran	5.13	42	86805	96.415	ug/l	100
30) Chloroform	5.21	83	66701	18.897	ug/l	100
31) Cyclohexane	5.59	56	56030	18.823	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	57709	18.897	ug/l	99
36) 1,1-Dichloropropene	5.80	75	47984	19.123	ug/l	99
37) Ethyl Acetate	4.84	43	50164	19.524	ug/l	97
38) Carbon Tetrachloride	5.79	117	47944	18.336	ug/l	94

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 Misc : 5.0mL/MSVOA X/WATER
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Quant Time: Jul 19 02:16:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61635	18.941	ug/l	98
40) Benzene	6.15	78	152055	19.782	ug/l	99
41) Methacrylonitrile	5.04	41	26207	17.967	ug/l	96
42) 1,2-Dichloroethane	6.20	62	50954	19.066	ug/l	98
43) Isopropyl Acetate	6.45	43	79534	18.825	ug/l	99
44) Trichloroethene	7.21	130	42107	18.507	ug/l	88
45) 1,2-Dichloropropane	7.51	63	38336	19.596	ug/l	98
46) Dibromomethane	7.66	93	27456	19.641	ug/l	98
47) Bromodichloromethane	7.90	83	46106	18.528	ug/l	99
48) Methyl methacrylate	7.77	41	38259	18.589	ug/l	98
49) 1,4-Dioxane	7.74	88	21651	376.071	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	267467	97.661	ug/l	99
52) Toluene	8.78	92	98178	19.443	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	47027	17.576	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	54996	18.472	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	41057	19.748	ug/l	97
56) Ethyl methacrylate	9.18	69	58426	19.212	ug/l	100
57) 1,3-Dichloropropane	9.37	76	63211	19.165	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	147410	101.540	ug/l	100
59) 2-Hexanone	9.49	43	208039	97.937	ug/l	100
60) Dibromochloromethane	9.58	129	39450	18.181	ug/l	99
61) 1,2-Dibromoethane	9.67	107	43270	19.611	ug/l	98
64) Tetrachloroethene	9.34	164	43788	19.924	ug/l	99
65) Chlorobenzene	10.14	112	109625	19.105	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	37484	18.587	ug/l	98
67) Ethyl Benzene	10.25	91	190000	19.454	ug/l	99
68) m/p-Xylenes	10.36	106	146617	39.135	ug/l	97
69) o-Xylene	10.69	106	70764	19.354	ug/l	98
70) Styrene	10.71	104	120033	19.693	ug/l	99
71) Bromoform	10.85	173	27621	16.825	ug/l #	98
73) Isopropylbenzene	11.02	105	190445	19.307	ug/l	99
74) N-amyl acetate	10.90	43	70618	18.736	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	61399	19.020	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	50267m	19.081	ug/l	
77) Bromobenzene	11.25	156	51319	18.861	ug/l	99
78) n-propylbenzene	11.36	91	209090	19.184	ug/l	100
79) 2-Chlorotoluene	11.42	91	124766	19.056	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	157331	19.088	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	14622	16.923	ug/l	89
82) 4-Chlorotoluene	11.51	91	144125	18.913	ug/l	99
83) tert-Butylbenzene	11.77	119	154502	19.083	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	160807	19.356	ug/l	99
85) sec-Butylbenzene	11.94	105	185236	19.526	ug/l	99
86) p-Isopropyltoluene	12.06	119	169283	19.302	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	89849	19.028	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	90682	18.725	ug/l	98
89) n-Butylbenzene	12.38	91	143455	19.119	ug/l	100
90) Hexachloroethane	12.59	117	23733	17.156	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	90249	19.285	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12170	18.035	ug/l	98

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBSD01

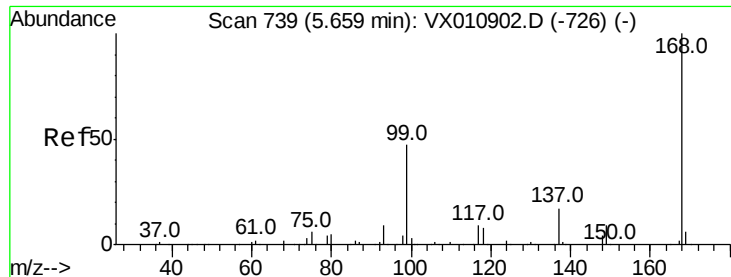
Manual Integrations
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7/22/2019 12:03:34 PM

Quant Time: Jul 19 02:16:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	60713	19.143	ug/l	99
94) Hexachlorobutadiene	13.78	225	29117	18.526	ug/l	98
95) Naphthalene	13.83	128	185659	19.824	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	61122	19.369	ug/l	98

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



#1

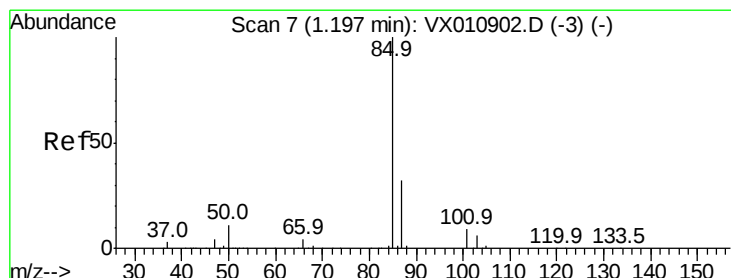
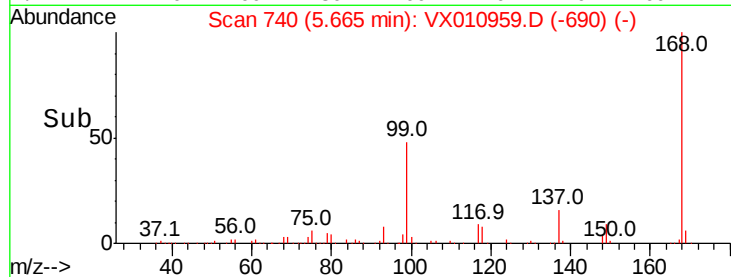
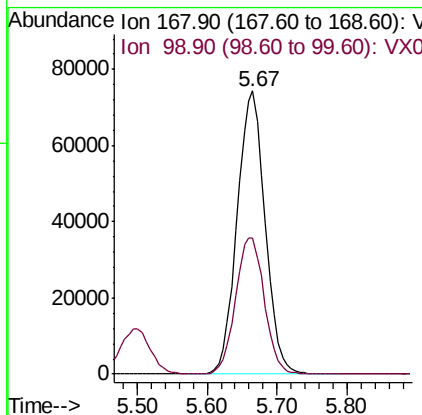
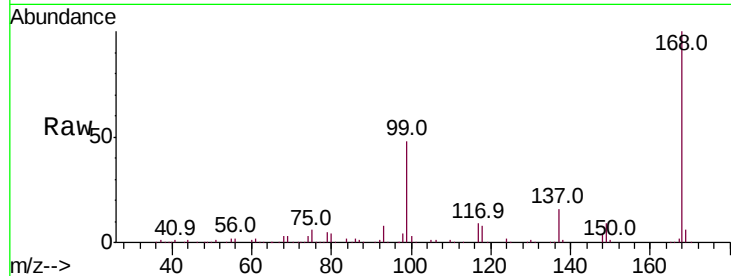
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: VX010959.D
 Acq: 18 Jul 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.0	37.6	56.4

Manual Integrations
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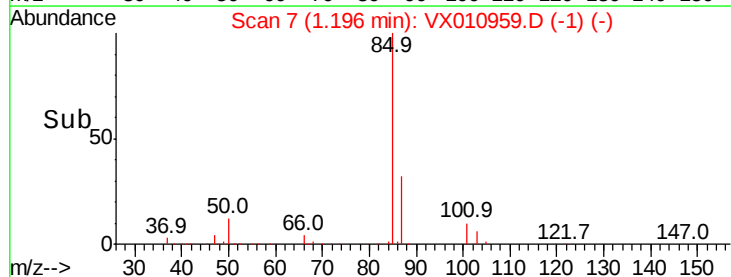
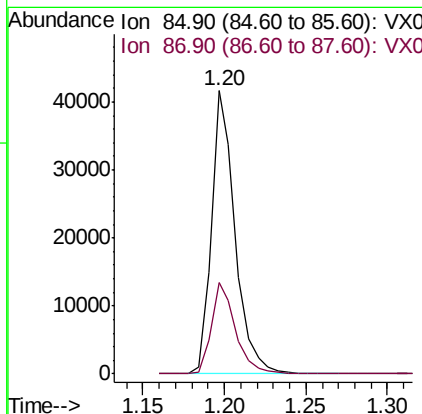
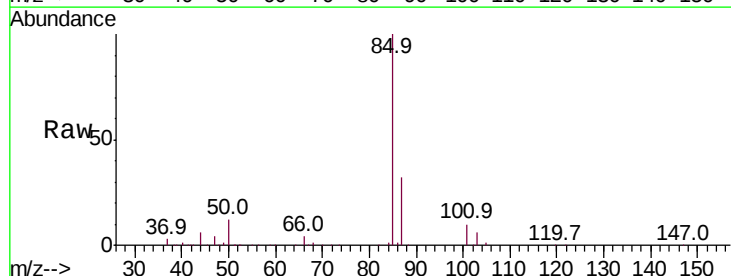
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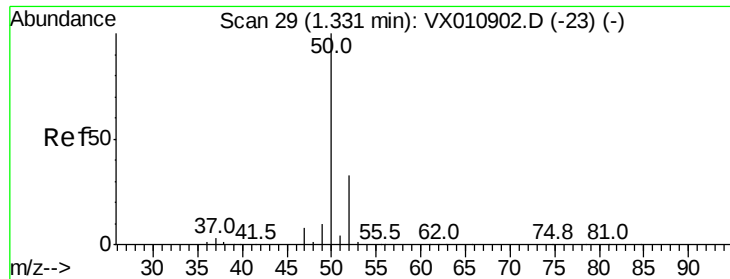


#2

Dichlorodifluoromethane
 Concen: 19.512 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX010959.D
 Acq: 18 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.9	47.7





#3

Chloromethane

Concen: 19.600 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBSD01

Tot Ion: 50 Resp: 37142

Ion Ratio Lower Upper

50 100

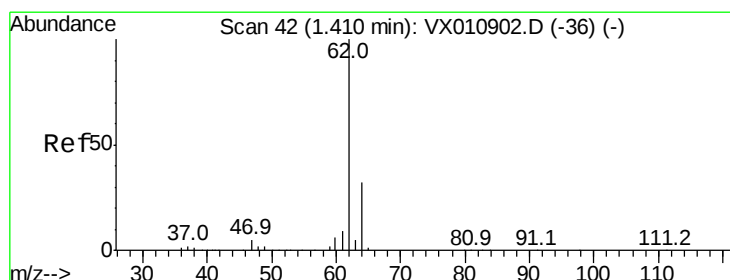
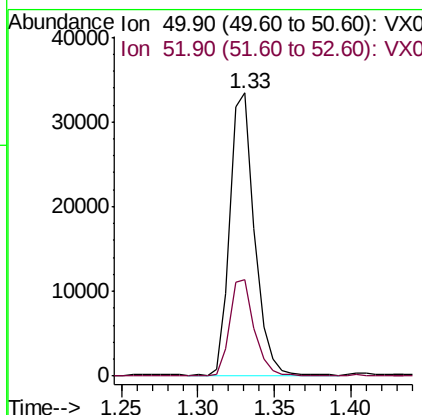
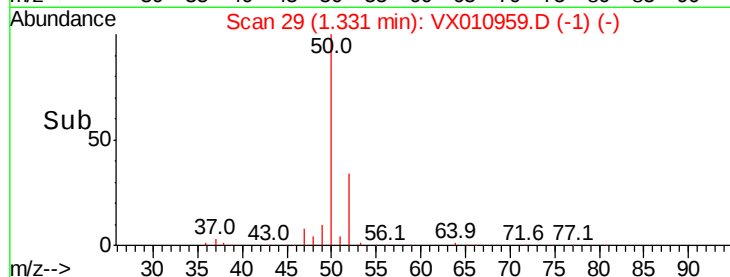
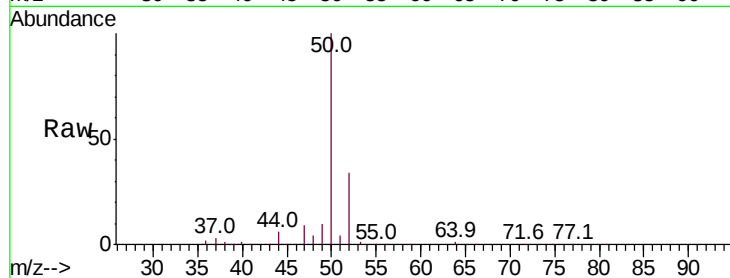
52 33.8 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.376 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010959.D

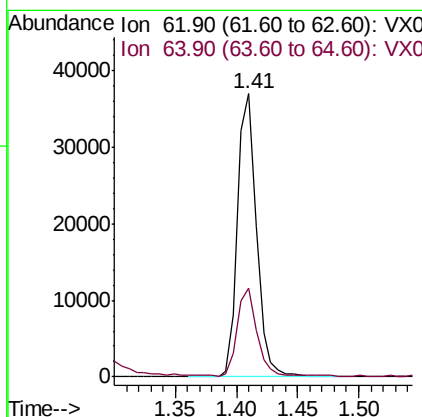
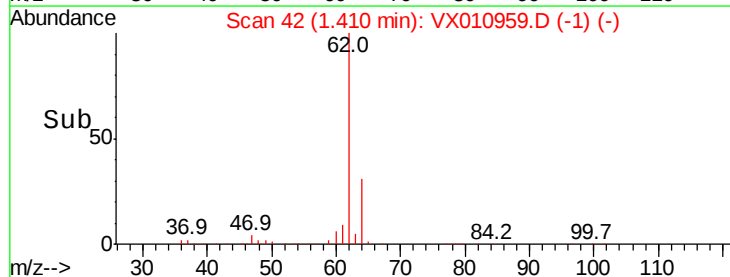
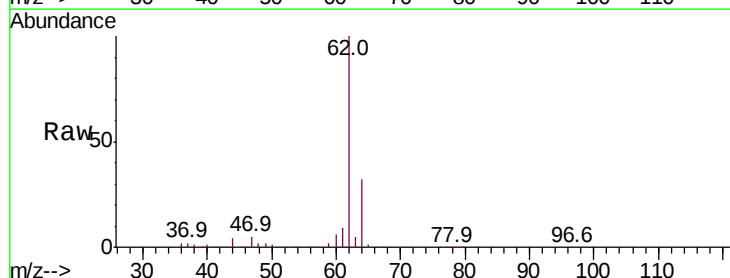
Acq: 18 Jul 2019 15:22

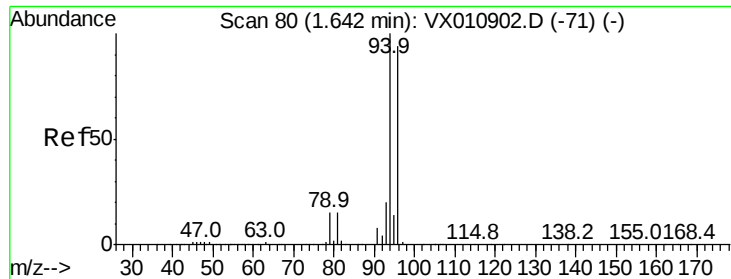
Tgt Ion: 62 Resp: 39386

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





#5

Bromomethane

Concen: 21.604 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBSD01

Tot Ion: 94 Resp: 23532

Ion Ratio Lower Upper

94 100

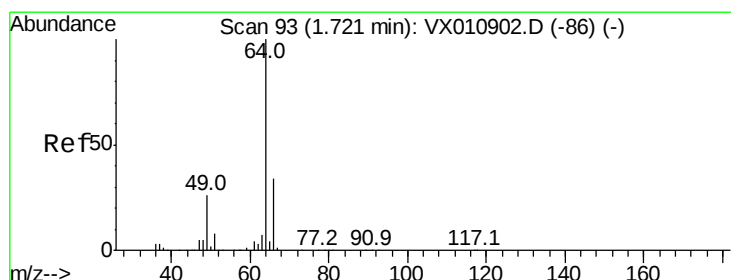
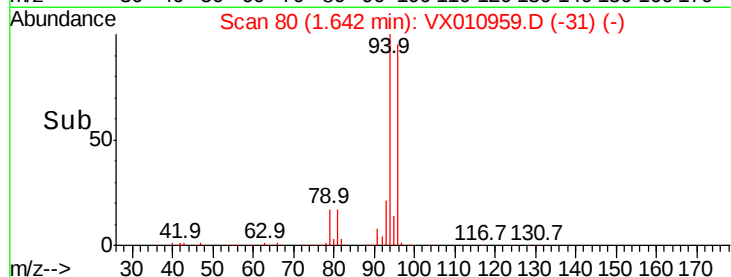
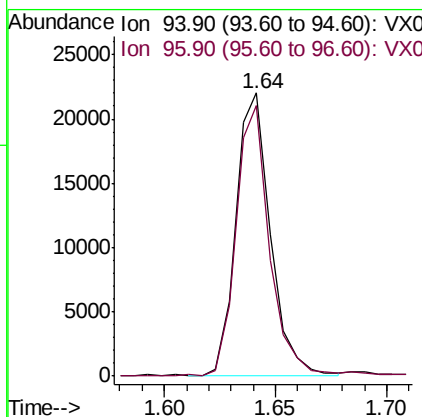
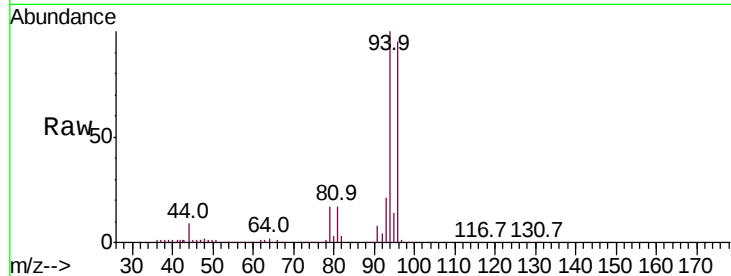
96 95.2 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 21.779 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010959.D

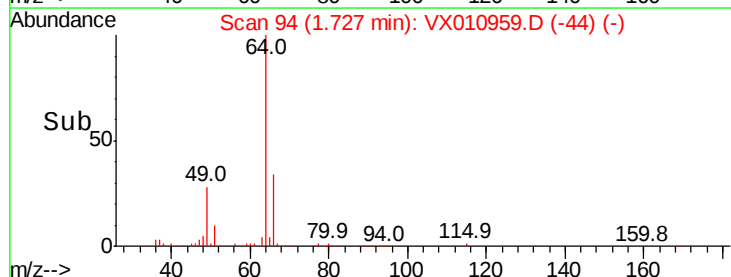
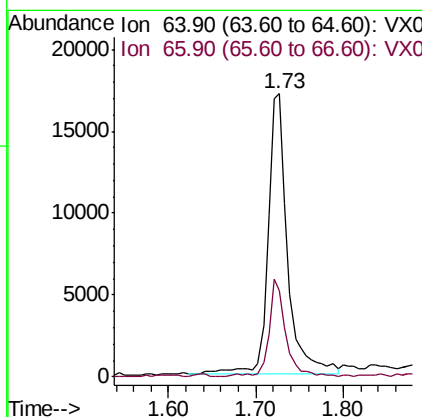
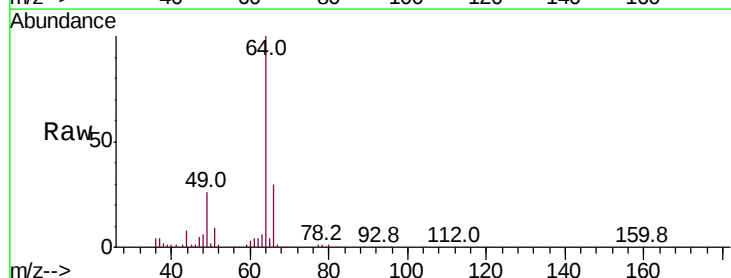
Acq: 18 Jul 2019 15:22

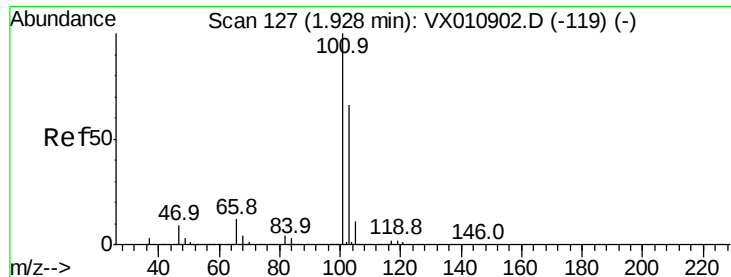
Tgt Ion: 64 Resp: 26752

Ion Ratio Lower Upper

64 100

66 30.7 27.0 40.6





#7

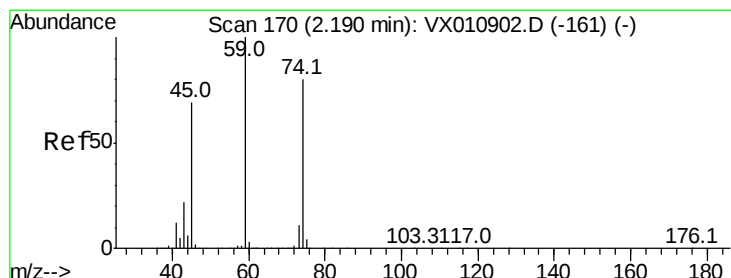
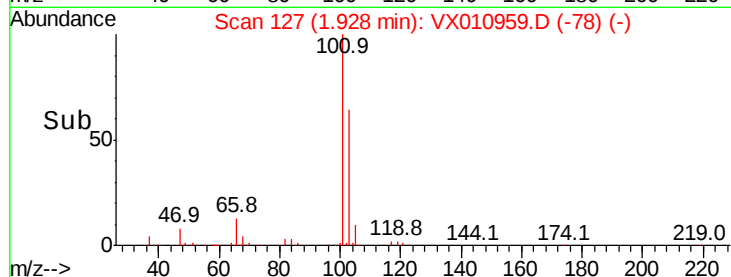
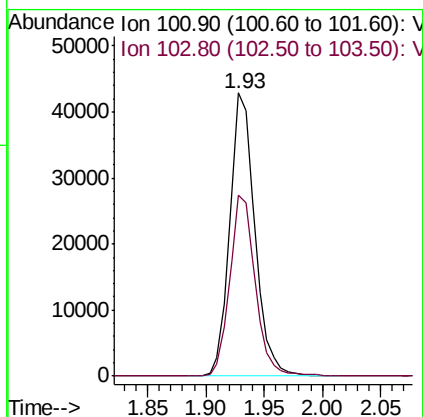
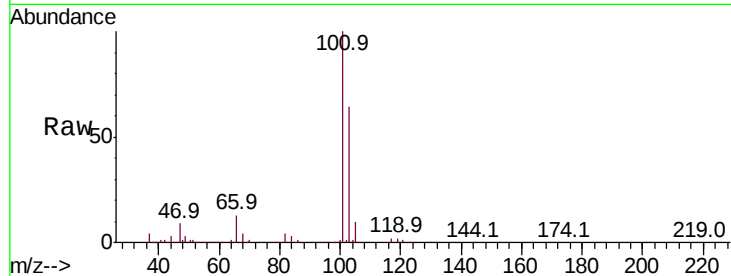
Trichlorofluoromethane
Concen: 19.743 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.6	78.8

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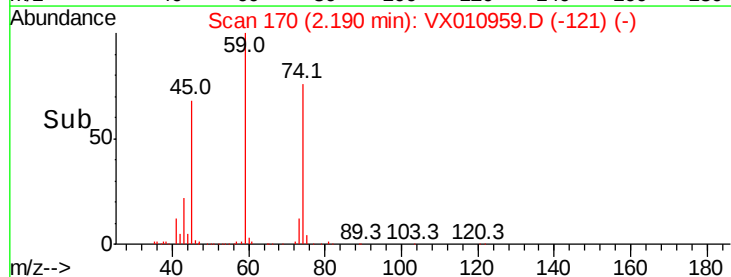
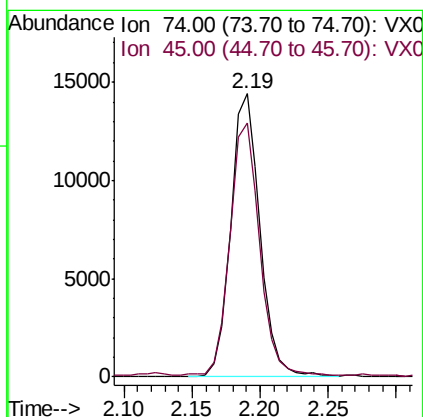
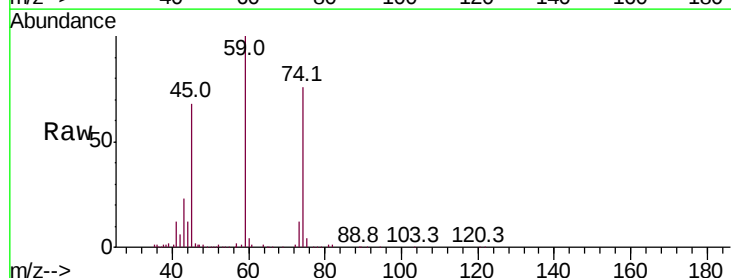
MMDadoda
7/22/2019 12:03:34 PM

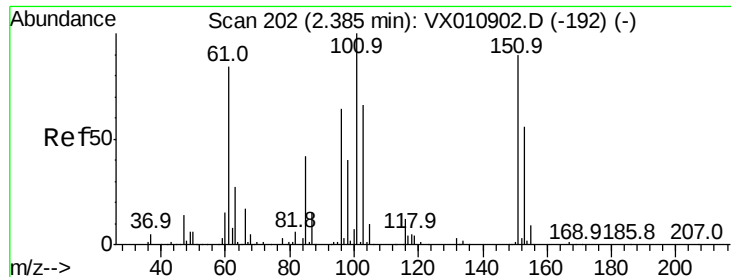


#8

Diethyl Ether
Concen: 19.061 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.4	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.823 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBSD01

Tot Ion:101 Resp: 37033

Ion Ratio Lower Upper

101 100

85 42.2 34.6 52.0

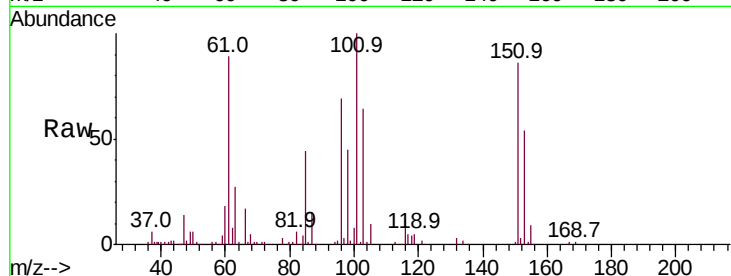
151 84.9 69.6 104.4

Manual Integrations

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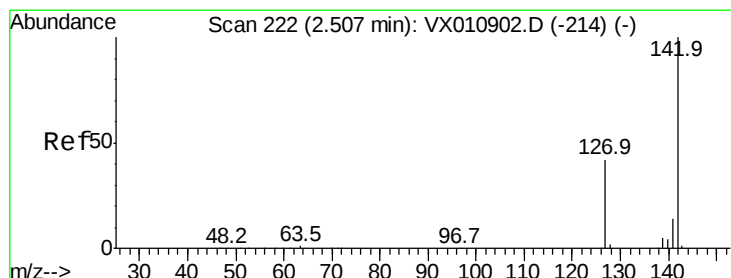
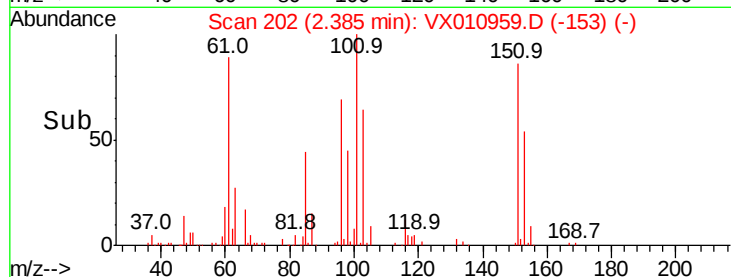
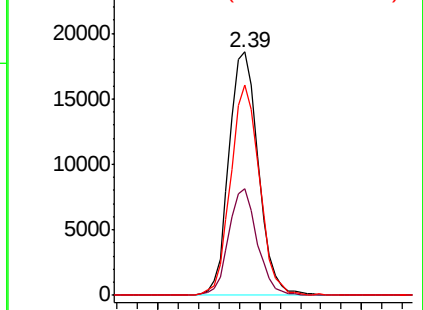
7/22/2019 12:03:34 PM



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: 16.875 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

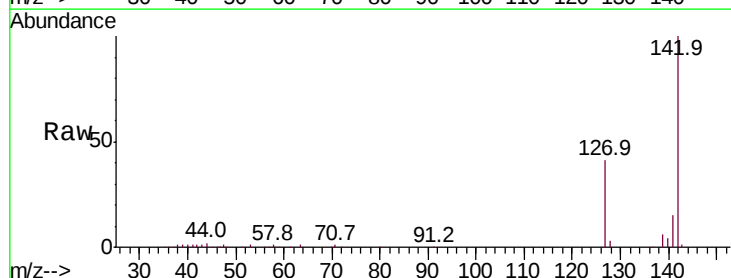
Tgt Ion:142 Resp: 41370

Ion Ratio Lower Upper

142 100

127 43.0 34.2 51.4

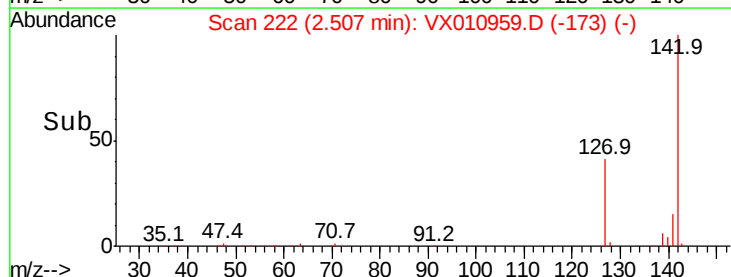
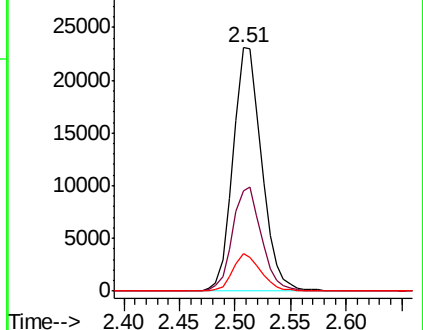
141 15.1 11.7 17.5

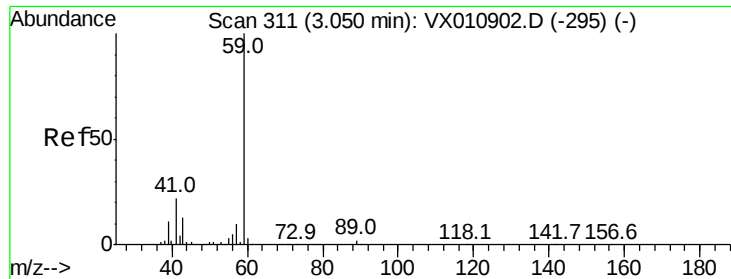


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





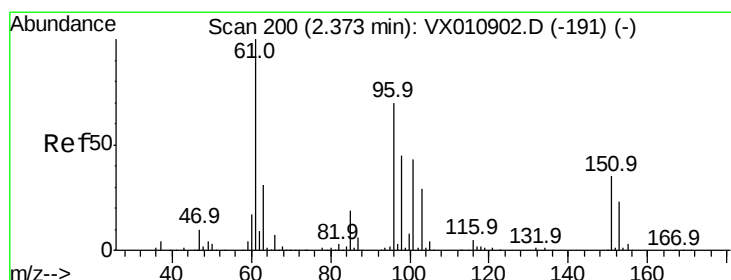
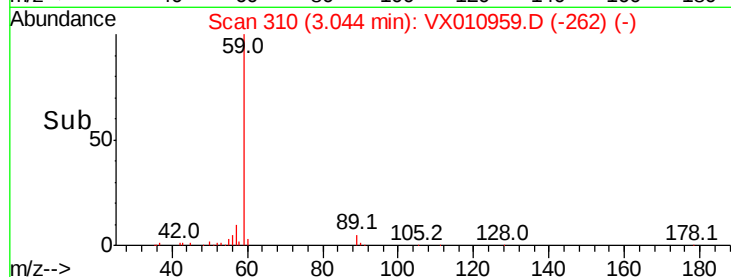
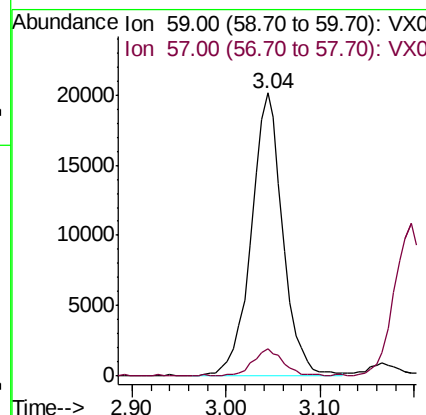
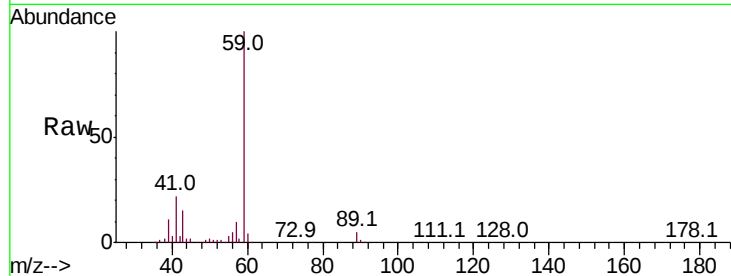
#11
Tert butyl alcohol
Concen: 92.715 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBSD01

Tot Ion: 59 Resp: 47337
Ion Ratio Lower Upper
59 100
57 9.5 7.9 11.9

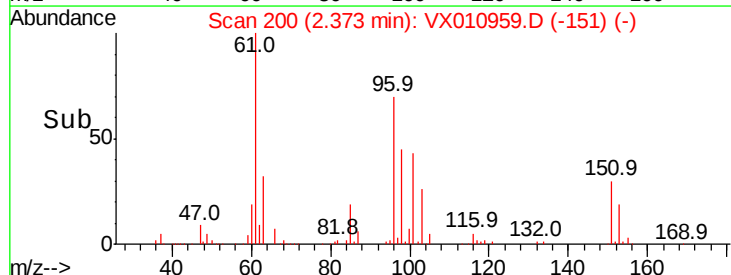
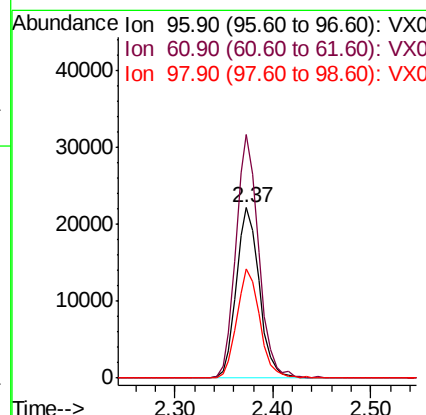
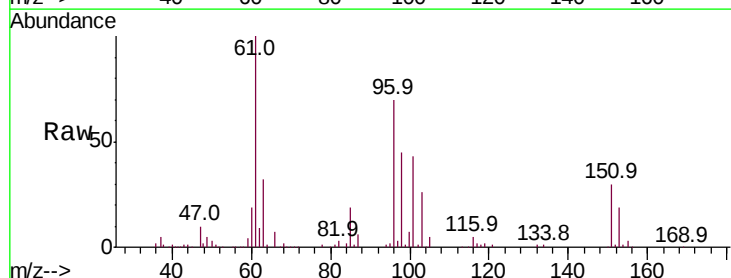
Manual Integrations
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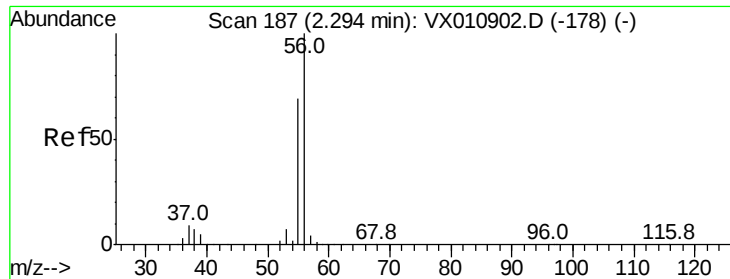
MMDadoda
7/22/2019 12:03:34 PM



#12
1,1-Dichloroethene
Concen: 19.752 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Tgt Ion: 96 Resp: 36256
Ion Ratio Lower Upper
96 100
61 143.0 115.0 172.4
98 64.2 52.2 78.2





#13

Acrolein

Concen: 87.082 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

ClientSampled :

VX0718WBSD01

Tot Ion: 56 Resp: 25688

Ion Ratio Lower Upper

56 100

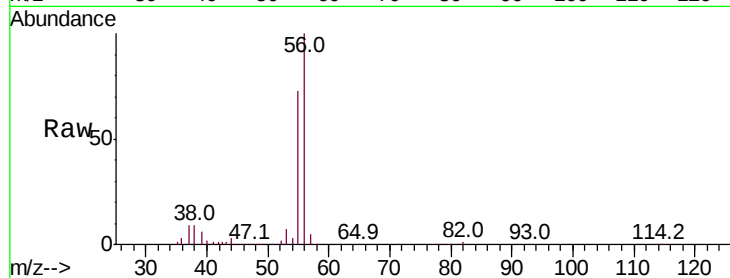
55 70.4 55.9 83.9

Manual Integrations

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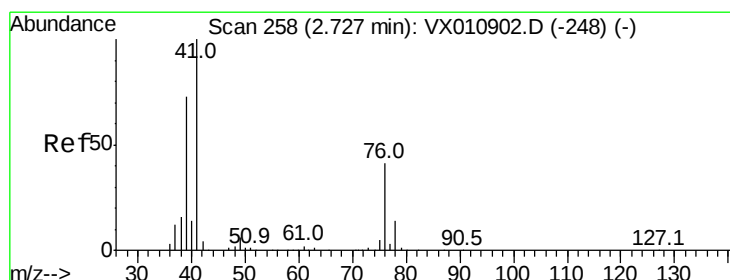
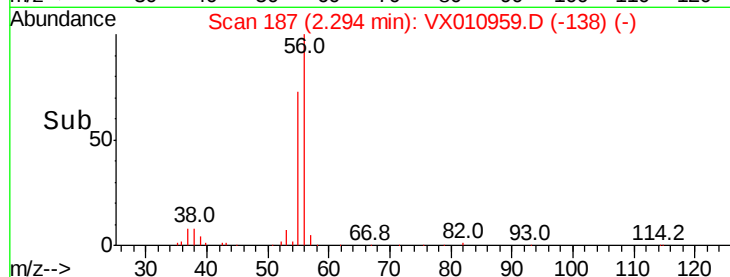
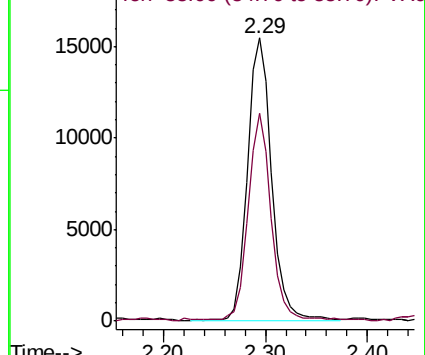
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.529 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

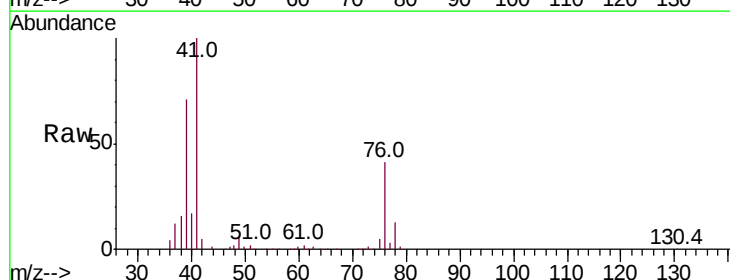
Tgt Ion: 41 Resp: 49402

Ion Ratio Lower Upper

41 100

39 66.9 53.6 80.4

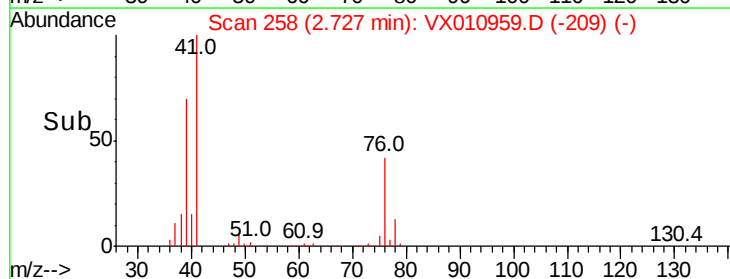
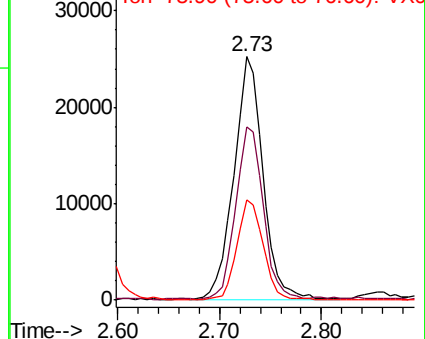
76 38.0 29.7 44.5

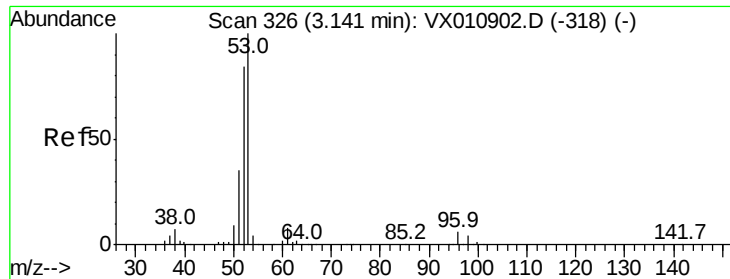


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 94.535 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

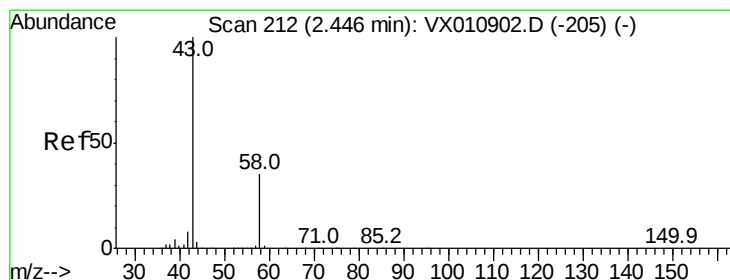
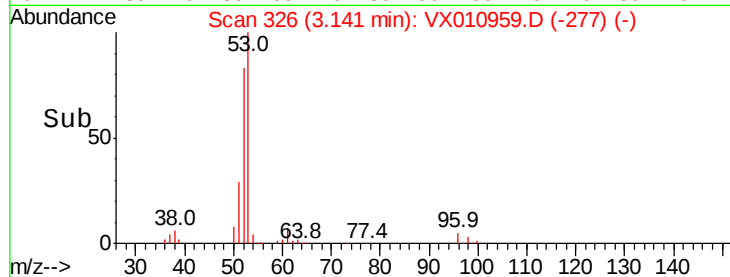
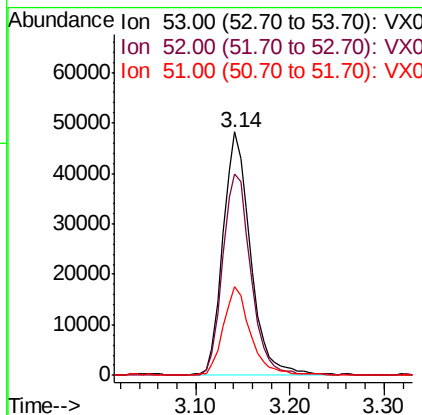
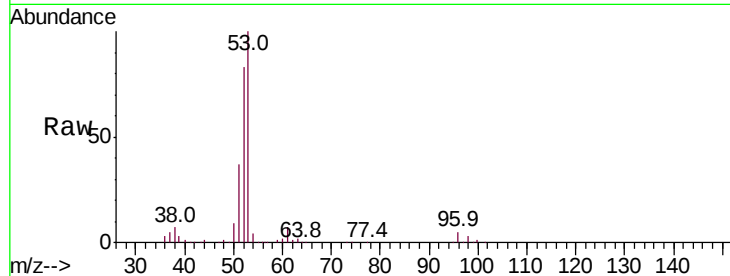
ClientSampleId :

VX0718WBSD01

Tot Ion:	53	Resp:	97531
Ion Ratio	Lower	Upper	
53	100		
52	85.1	66.5	99.7
51	36.6	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 85.314 ug/l

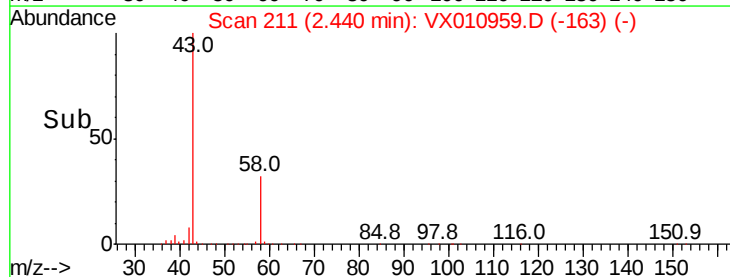
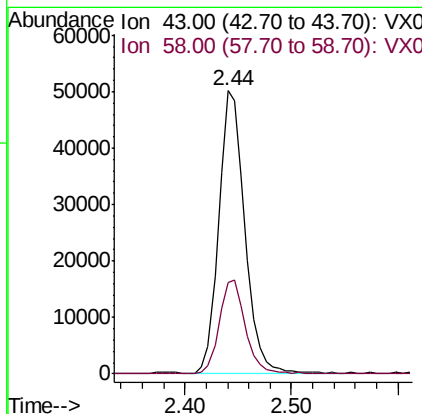
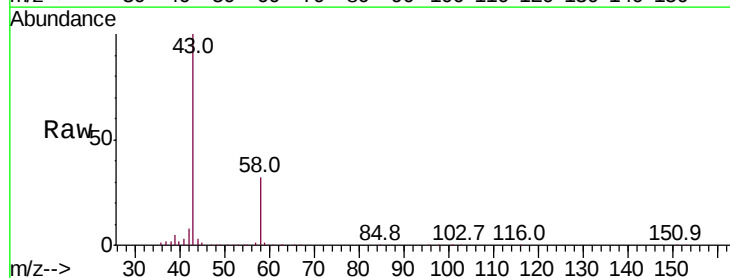
RT: 2.44 min Scan# 211

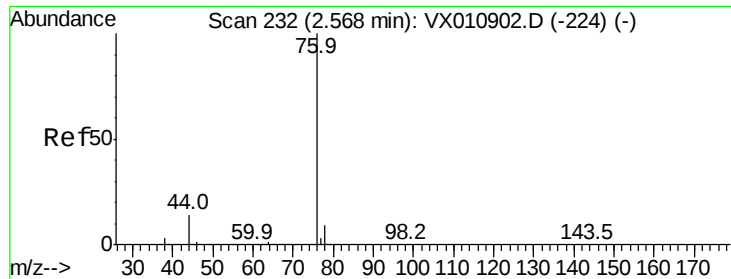
Delta R.T. -0.01 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Tgt Ion:	43	Resp:	84473
Ion Ratio	Lower	Upper	
43	100		
58	32.0	27.7	41.5





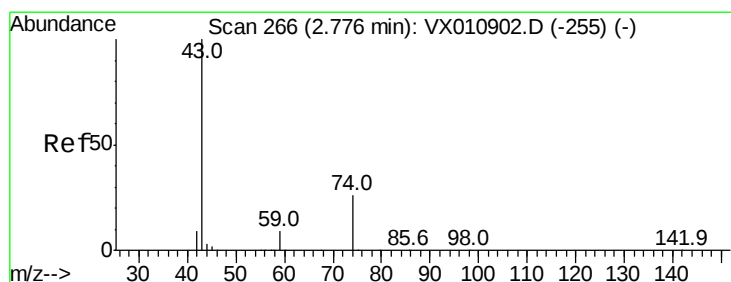
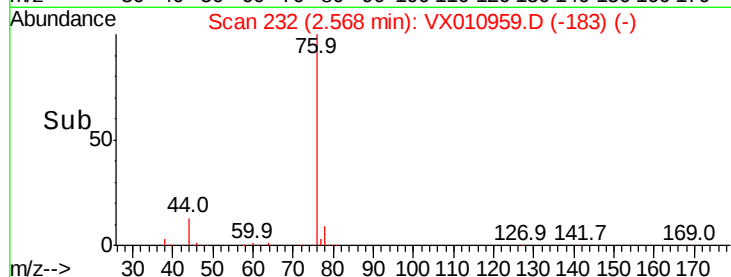
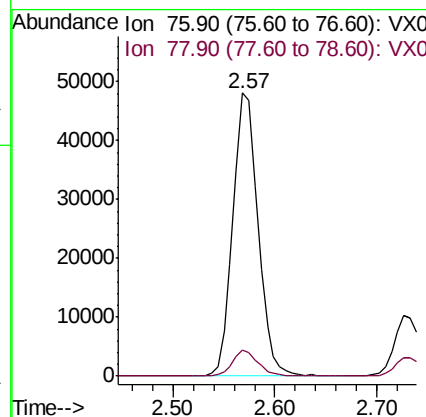
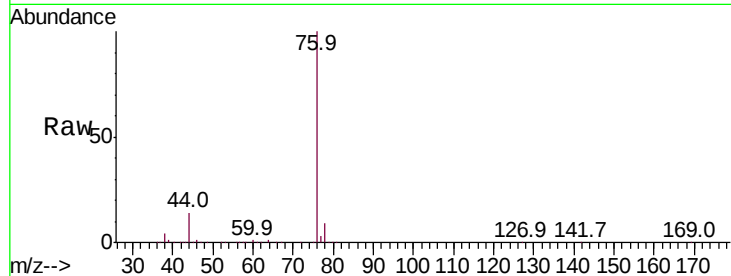
#17
Carbon Disulfide
Concen: 17.465 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.0

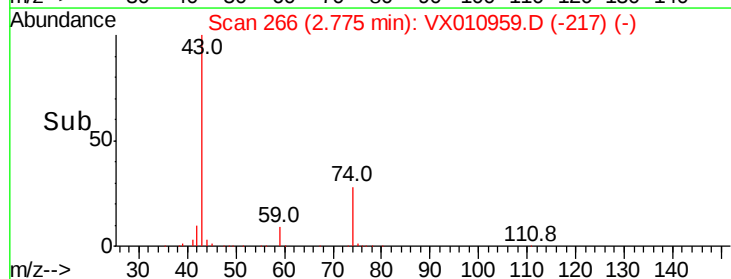
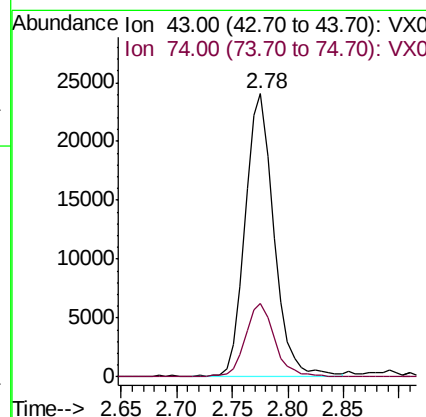
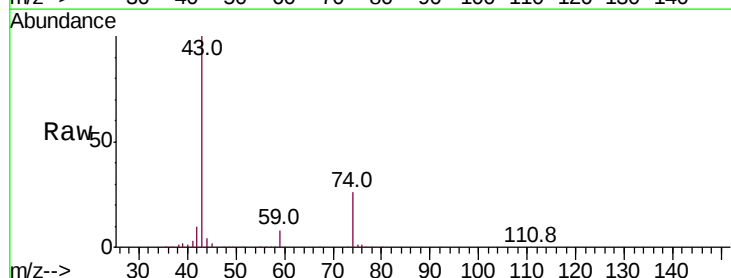
Manual Integrations
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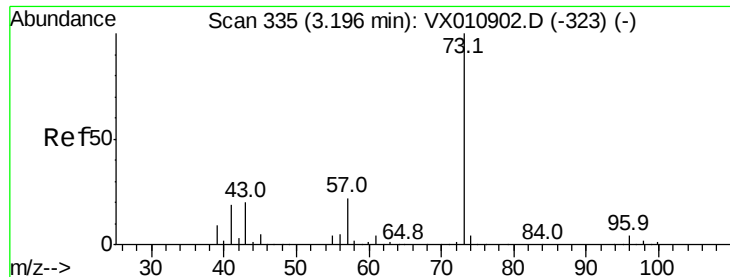
MMDadoda
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#18
Methyl Acetate
Concen: 19.227 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.2	21.5	32.3





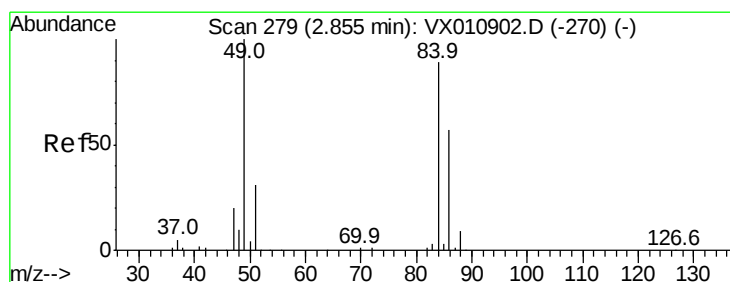
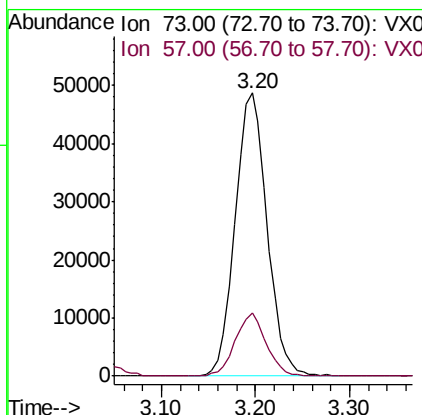
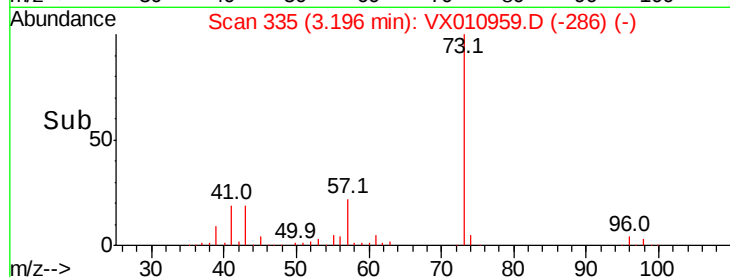
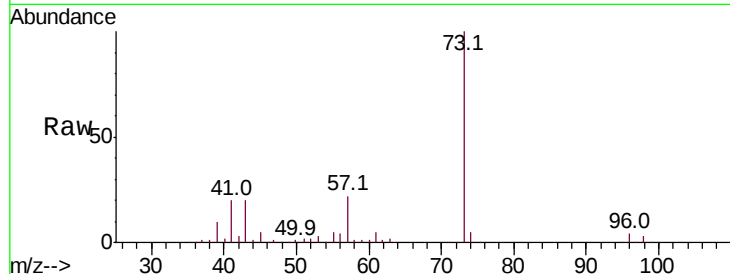
#19
Methvl tert-butvl Ether
Concen: 19.343 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBSD01

Tot Ion: 73 Resp: 114297
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9

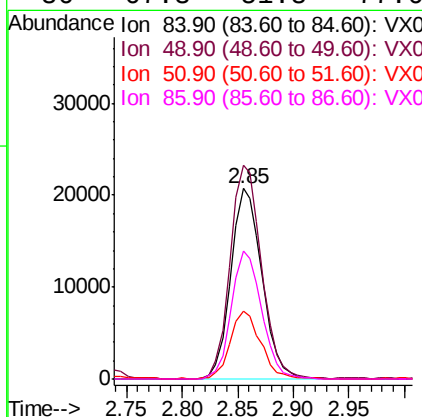
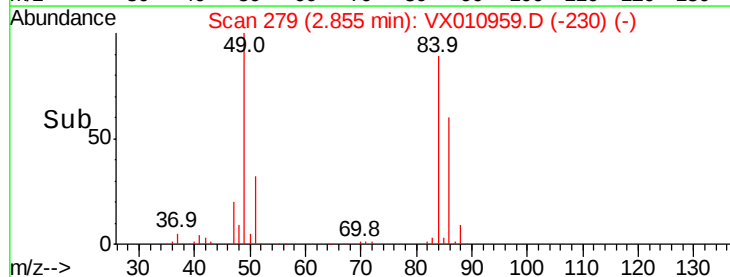
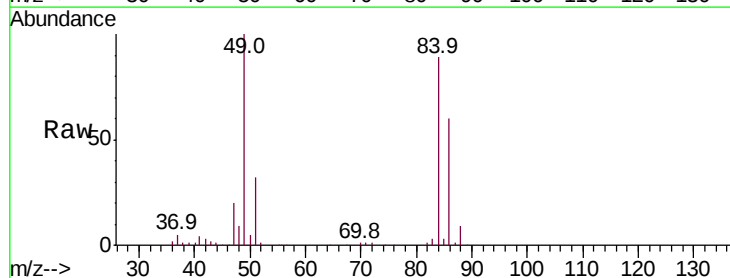
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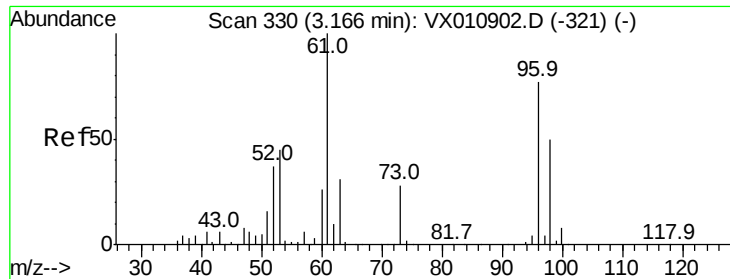
MMDadoda
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#20
Methylene Chloride
Concen: 19.152 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Tgt Ion: 84 Resp: 40188
Ion Ratio Lower Upper
84 100
49 112.1 89.9 134.9
51 36.0 27.8 41.6
86 67.3 51.8 77.6





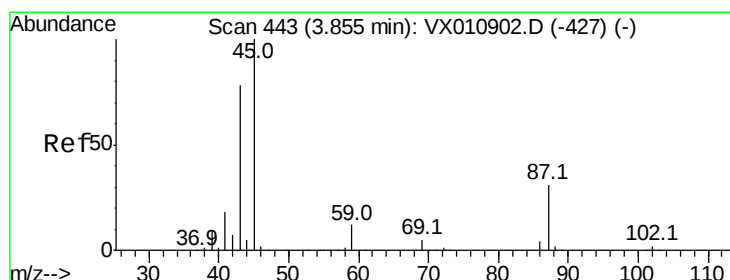
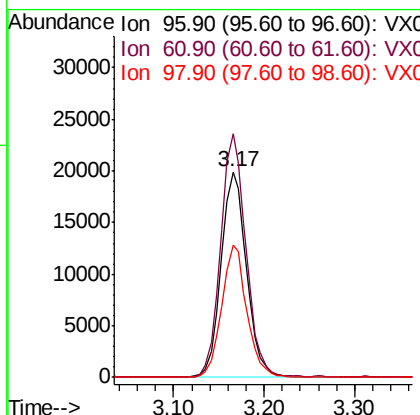
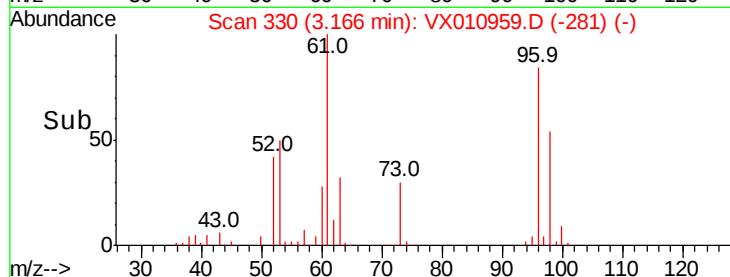
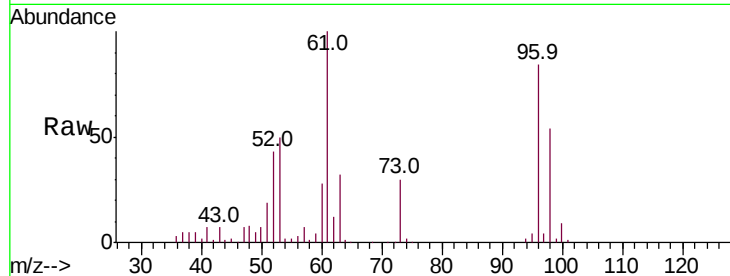
#21
trans-1,2-Dichloroethene
Concen: 19.961 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	118.4	104.2	156.2
98	64.3	52.2	78.4

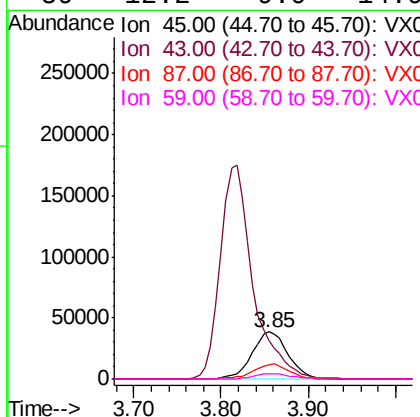
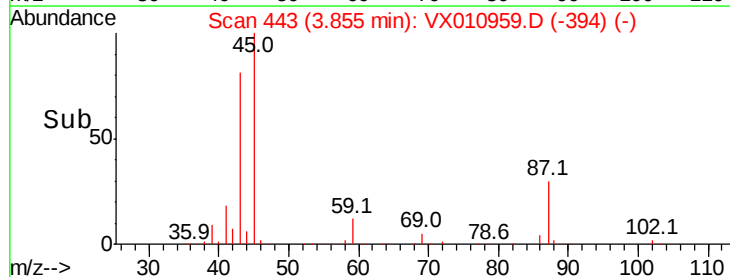
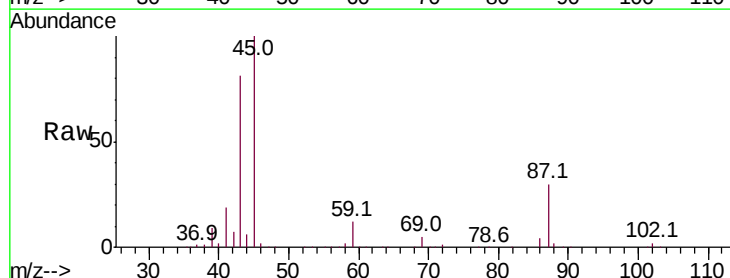
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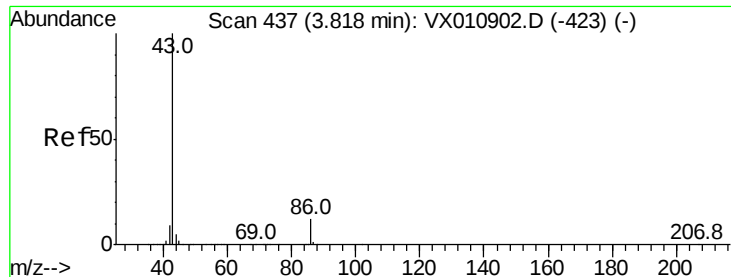
MMDadoda
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#22
Diisopropyl ether
Concen: 19.394 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
45	100		
43	80.0	62.3	93.5
87	30.3	25.0	37.4
59	12.2	9.9	14.9





#23

Vinyl Acetate

Concen: 96.092 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBSD01

Tot Ion: 43 Resp: 457827

Ion Ratio Lower Upper

43 100

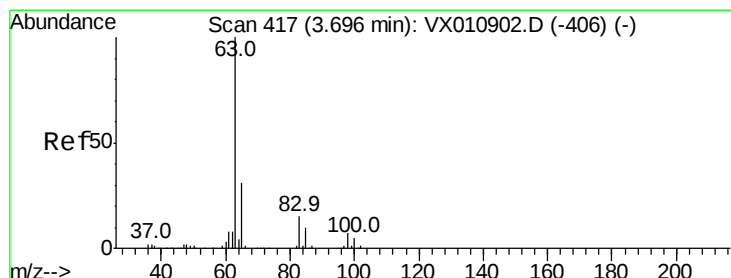
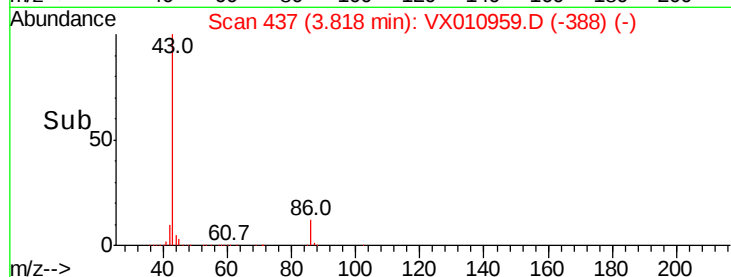
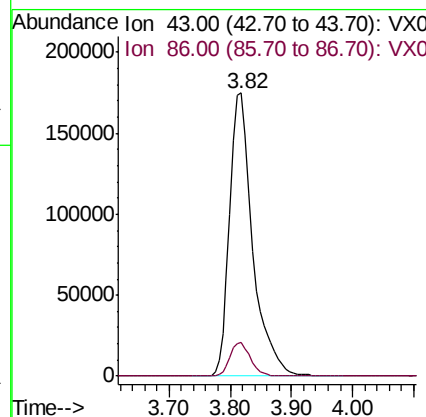
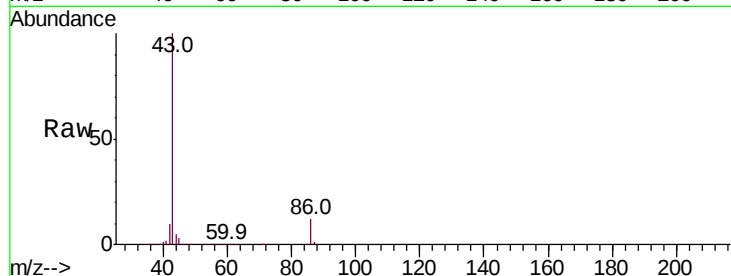
86 12.1 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.160 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

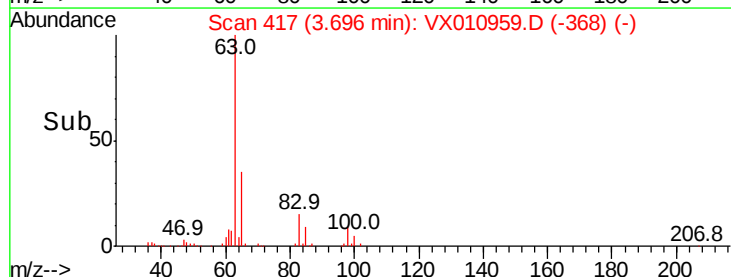
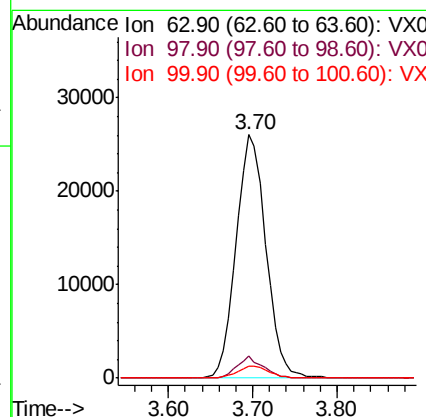
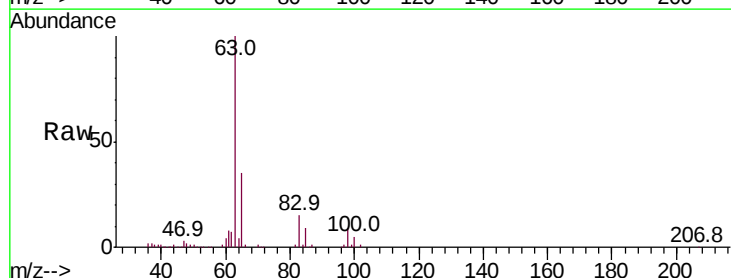
Tgt Ion: 63 Resp: 62571

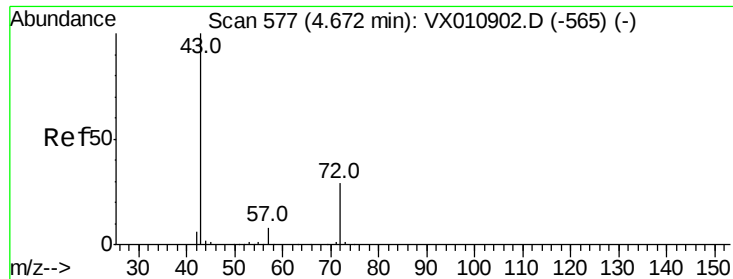
Ion Ratio Lower Upper

63 100

98 8.9 3.6 10.9

100 5.0 2.4 7.2





#25

2-Butanone

Concen: 94.415 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBSD01

Tot Ion: 43 Resp: 134195

Ion Ratio Lower Upper

43 100

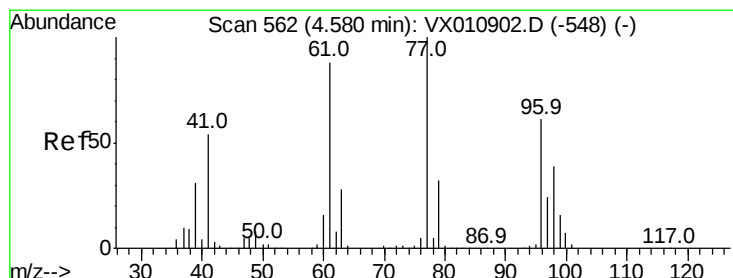
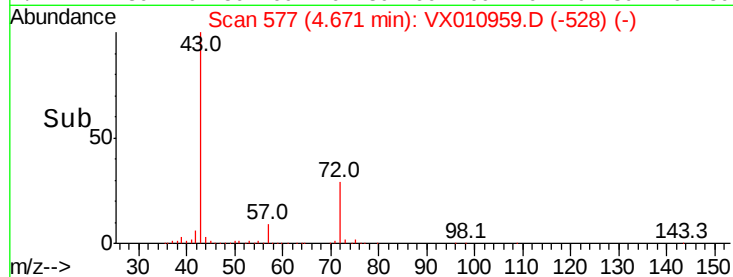
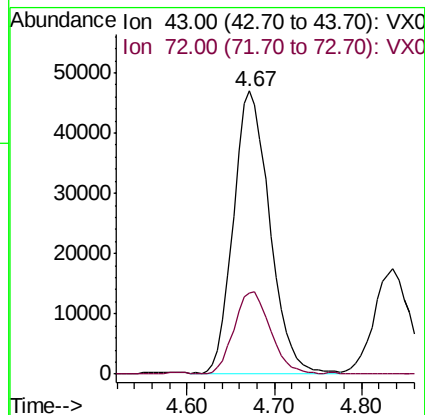
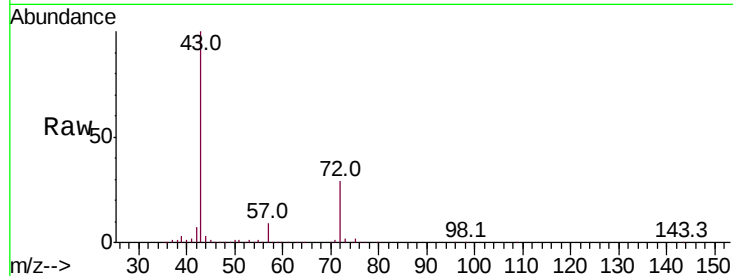
72 28.6 23.0 34.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.061 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010959.D

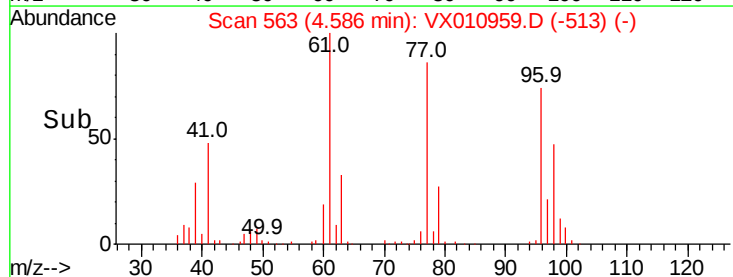
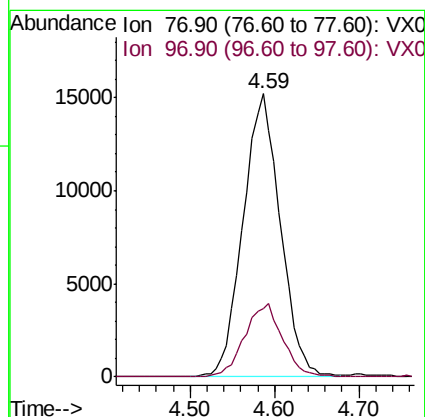
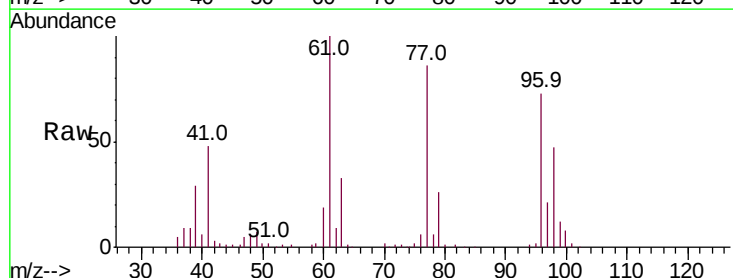
Acq: 18 Jul 2019 15:22

Tgt Ion: 77 Resp: 45747

Ion Ratio Lower Upper

77 100

97 26.2 12.6 37.6





#27

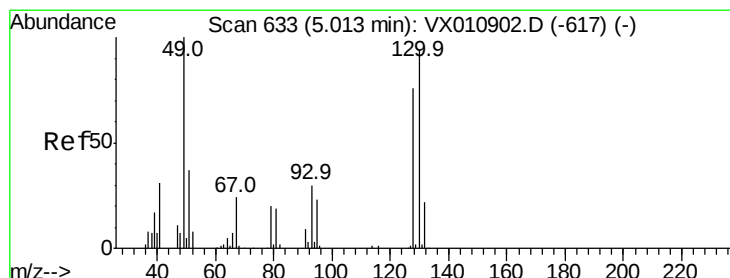
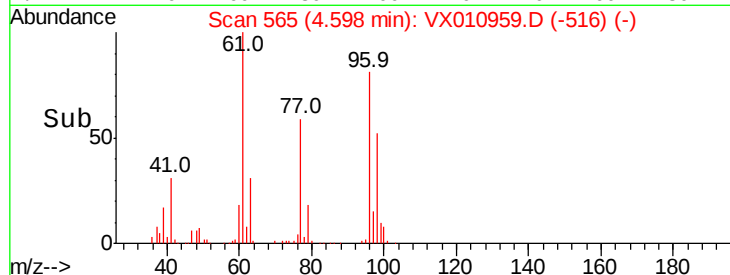
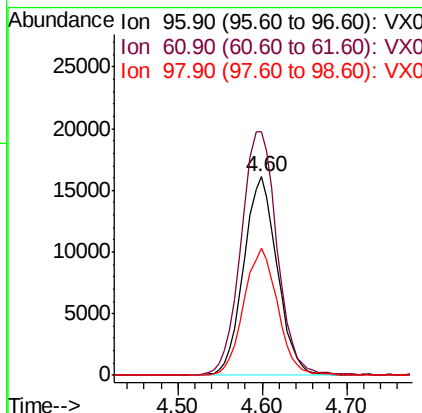
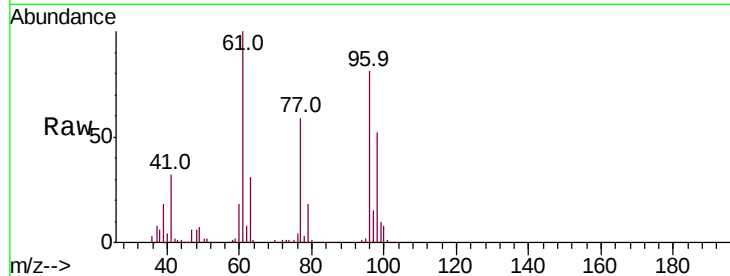
cis-1,2-Dichloroethene
Concen: 19.284 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	132.7	0.0	269.0	
98	64.9	0.0	131.4	

Manual Integrations
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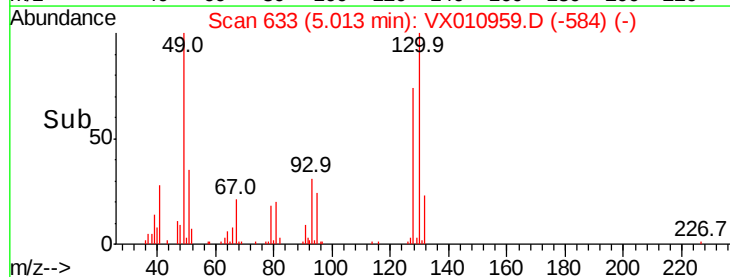
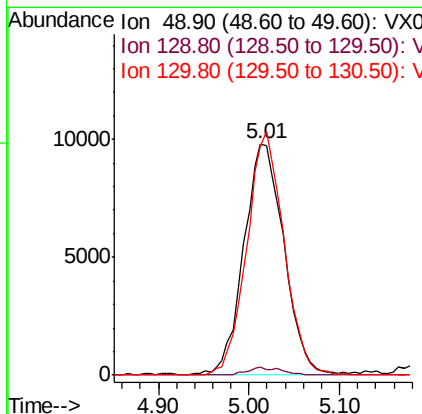
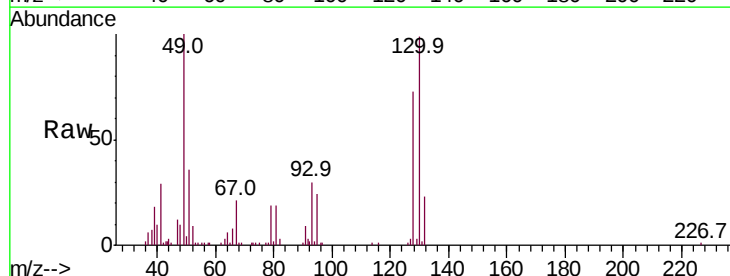
MMDadoda
7/22/2019 12:03:34 PM

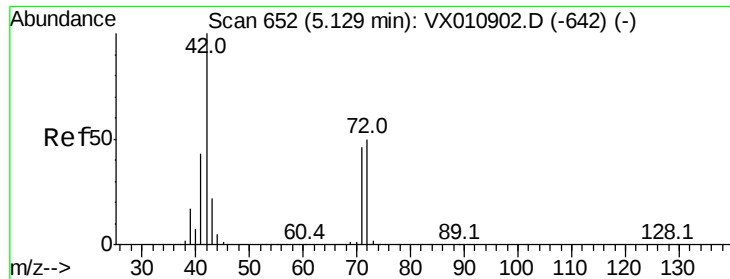


#28

Bromochloromethane
Concen: 19.538 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.6	0.0	5.2	
130	97.5	76.9	115.3	





#29

Tetrahydrofuran

Concen: 96.415 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

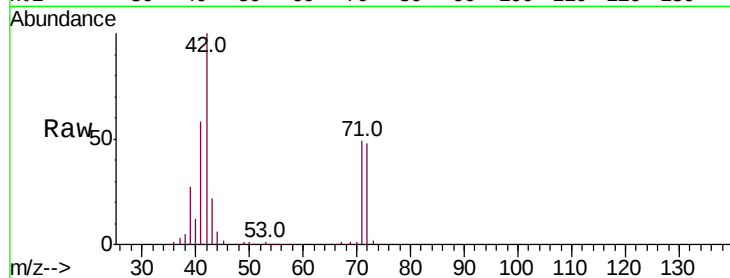
ClientSampleId :

VX0718WBSD01

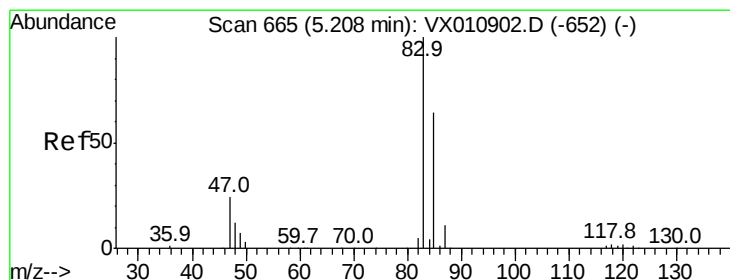
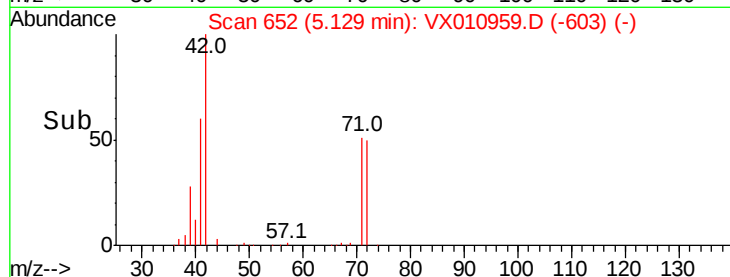
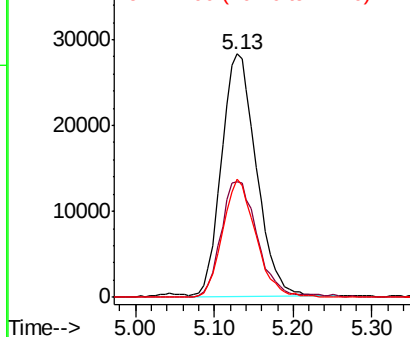
Tot Ion:	42	Resp:	86805
Ion Ratio	Lower	Upper	
42	100		
72	50.2	39.8	59.8
71	46.3	37.0	55.4

Manual Integrations
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Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.897 ug/l

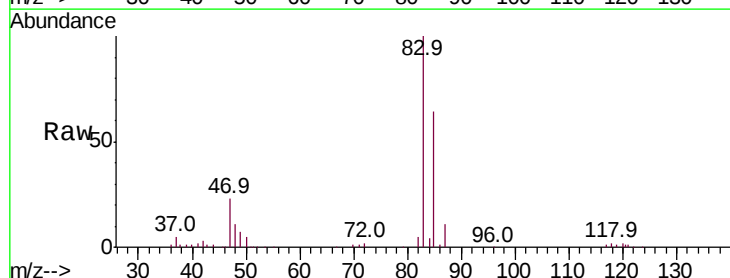
RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

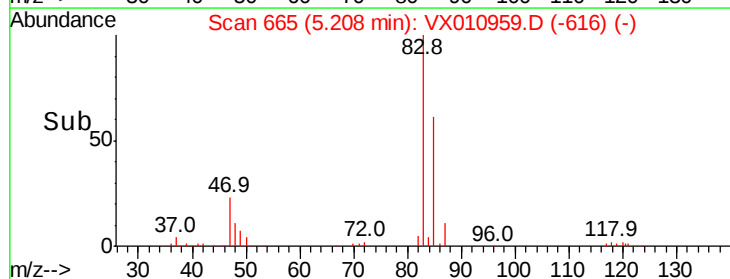
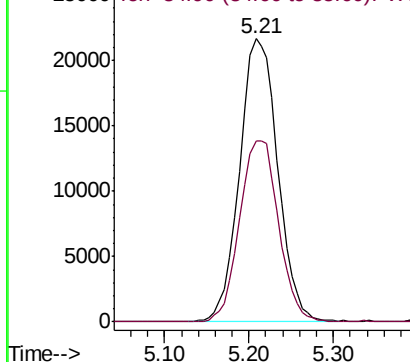
Lab File: VX010959.D

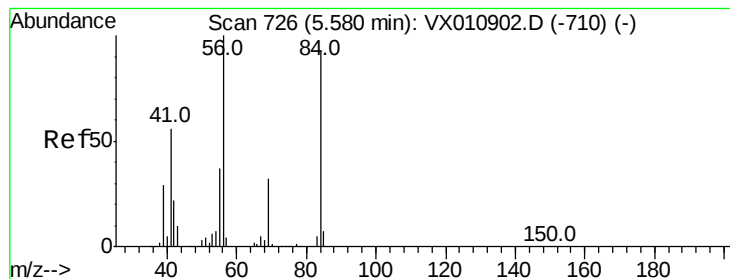
Acq: 18 Jul 2019 15:22

Tgt Ion:	83	Resp:	66701
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.4	77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.823 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

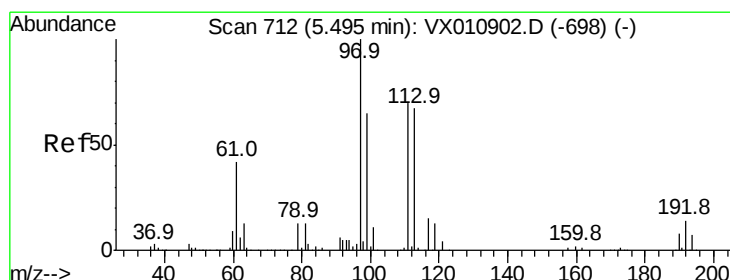
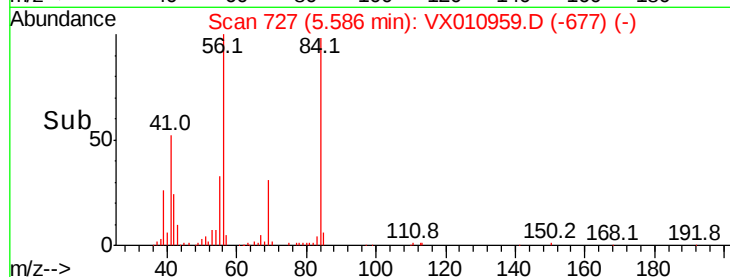
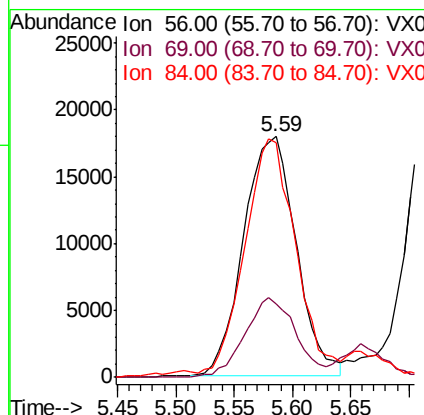
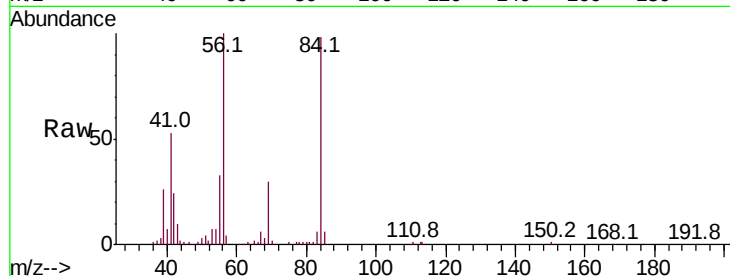
ClientSampleId :

VX0718WBSD01

Tot Ion:	56	Resp:	56030
Ion	Ratio	Lower	Upper
56	100		
69	30.3	25.8	38.8
84	96.1	73.8	110.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.897 ug/l

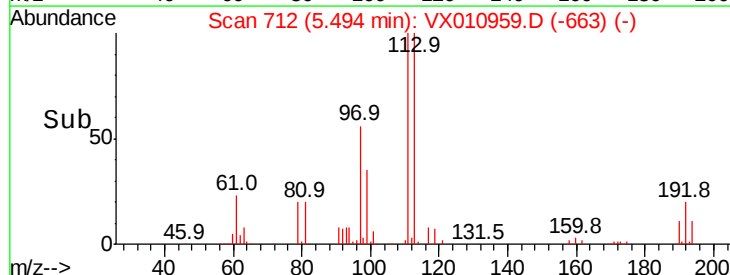
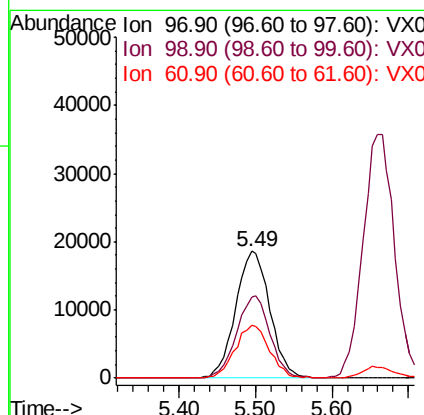
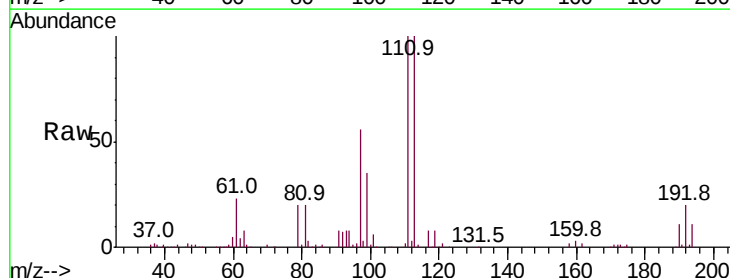
RT: 5.49 min Scan# 712

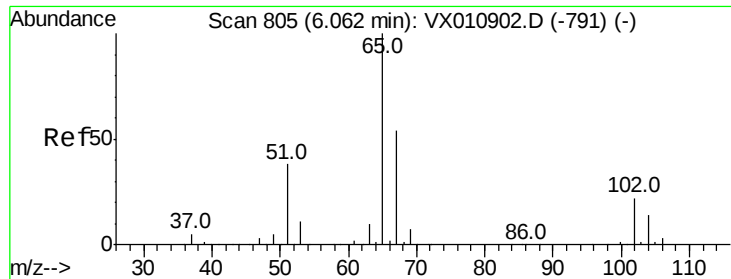
Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Tgt Ion:	97	Resp:	57709
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.4	77.0
61	41.8	33.0	49.6





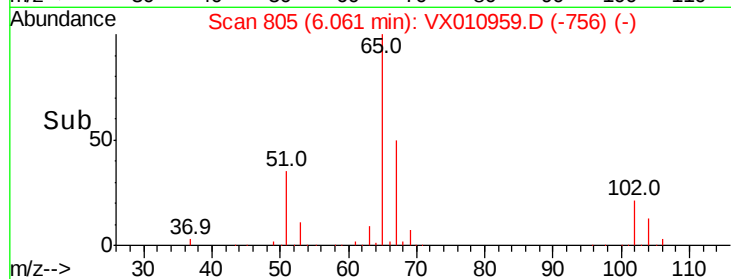
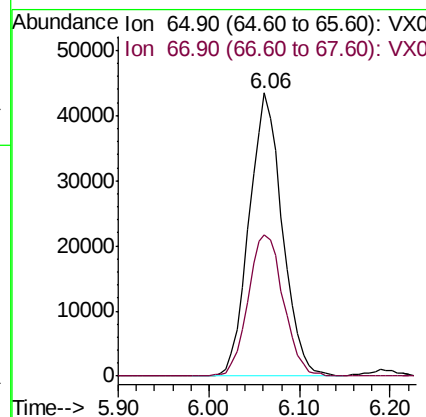
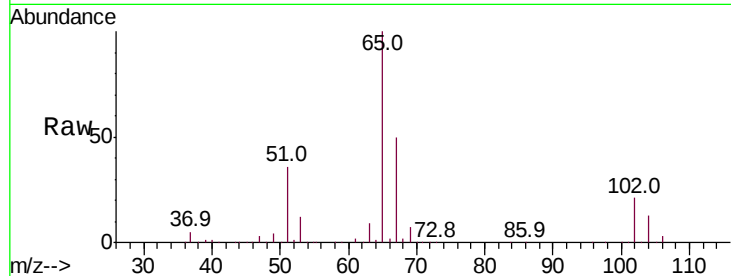
#33
 1,2-Dichloroethane-d4
 Concen: 50.147 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010959.D
 Acq: 18 Jul 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0718WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.4	0.0	107.8	

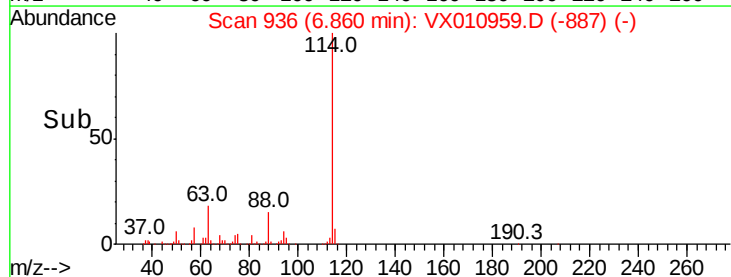
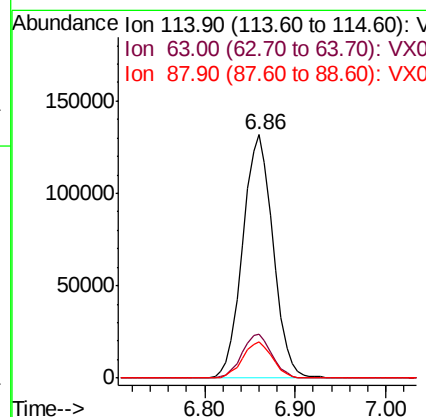
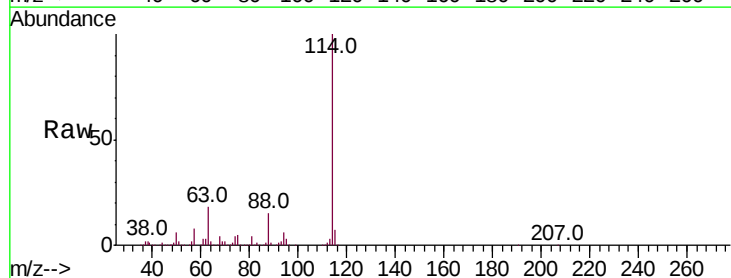
Manual Integrations
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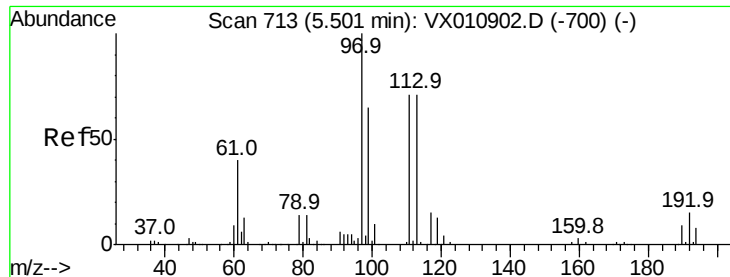
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010959.D
 Acq: 18 Jul 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.0	0.0	35.6	
88	14.7	0.0	29.8	





#35

Dibromofluoromethane

Concen: 50.305 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

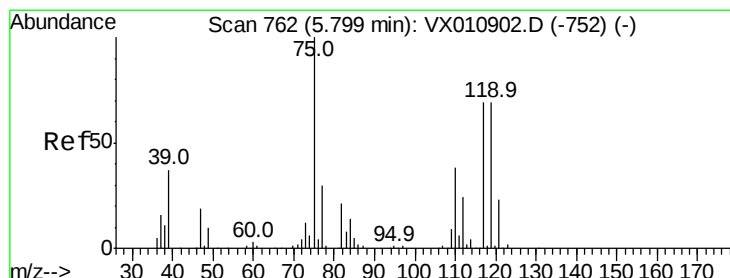
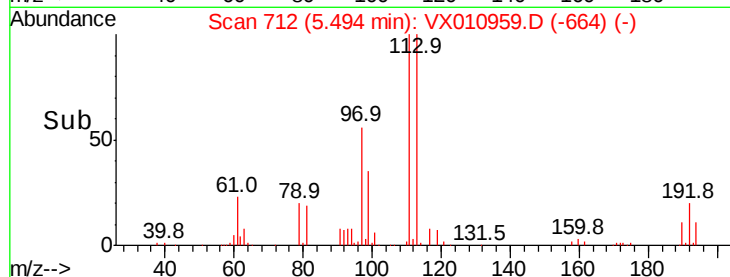
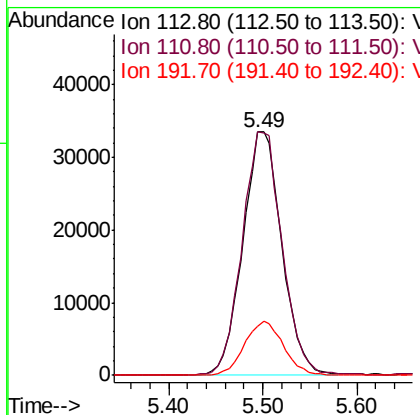
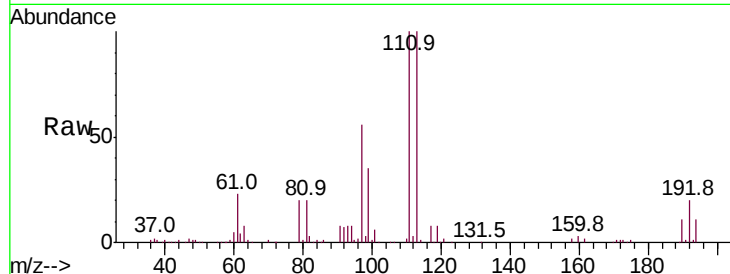
ClientSampleId :

VX0718WBSD01

Tot Ion:	113	Resp:	97540
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.3	123.5
192	22.2	17.4	26.2

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#36

1,1-Dichloropropene

Concen: 19.123 ug/l

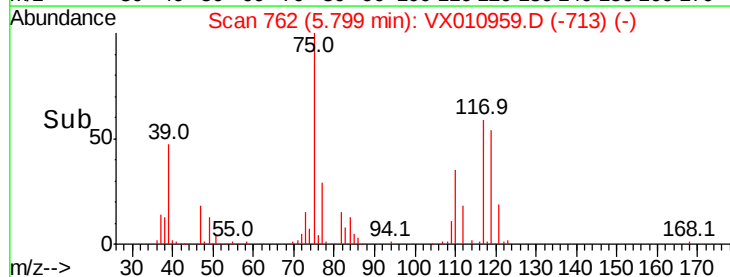
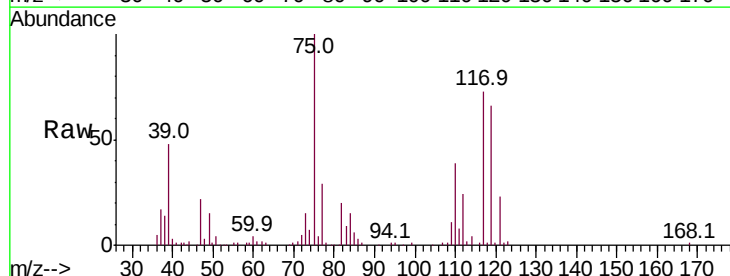
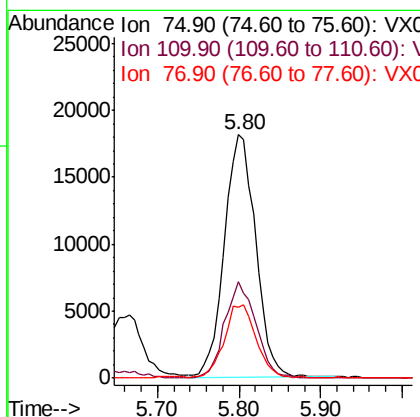
RT: 5.80 min Scan# 762

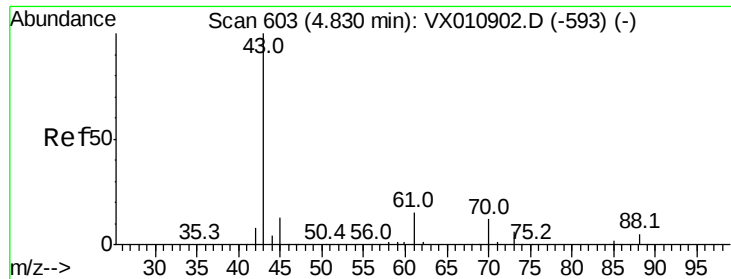
Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Tgt Ion:	75	Resp:	47984
Ion	Ratio	Lower	Upper
75	100		
110	39.5	19.9	59.7
77	30.9	25.0	37.4





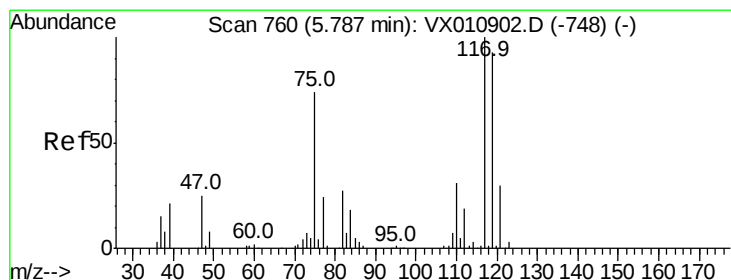
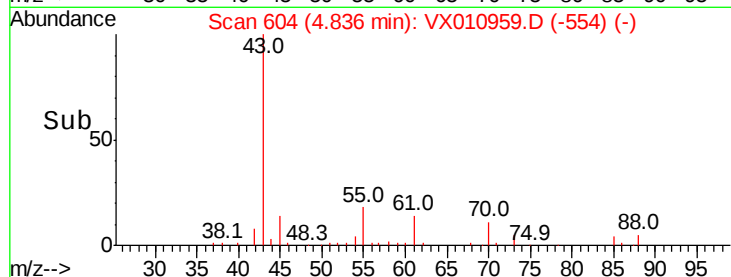
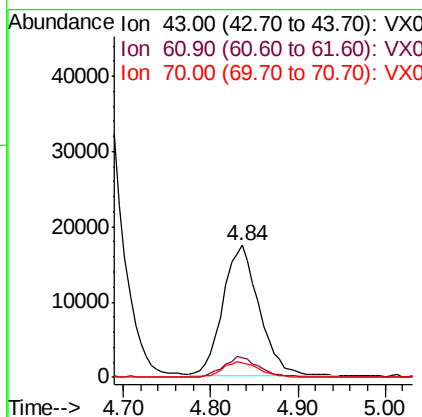
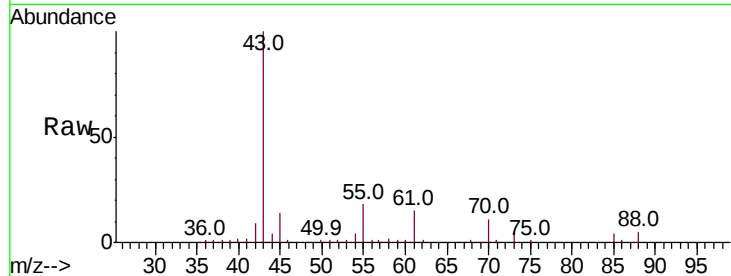
#37
Ethyl Acetate
Concen: 19.524 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	11.6	17.4
70	12.2	9.1	13.7

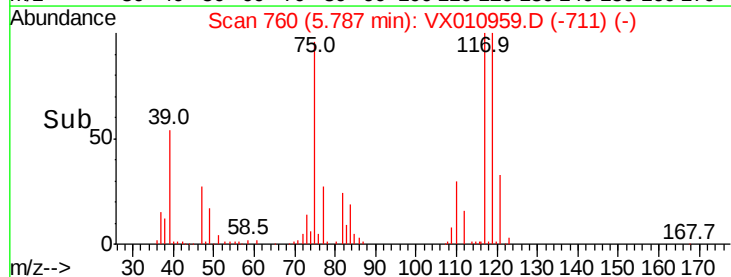
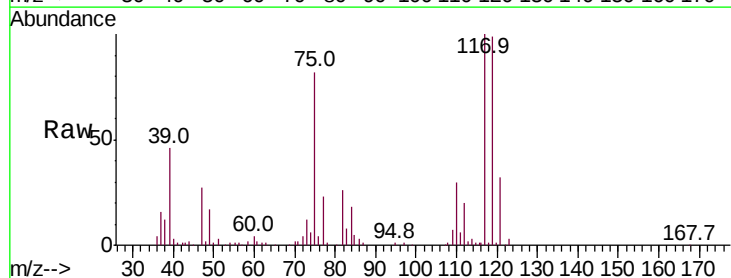
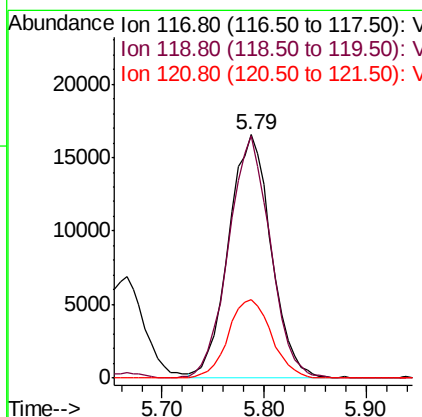
Manual Integrations
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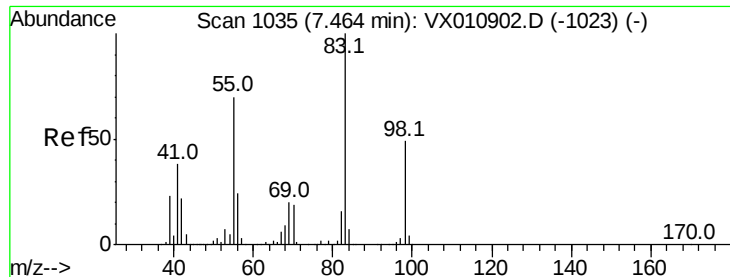
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#38
Carbon Tetrachloride
Concen: 18.336 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	74.2	111.2
121	32.1	24.2	36.2





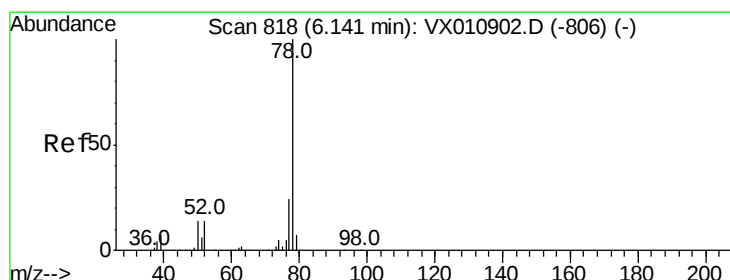
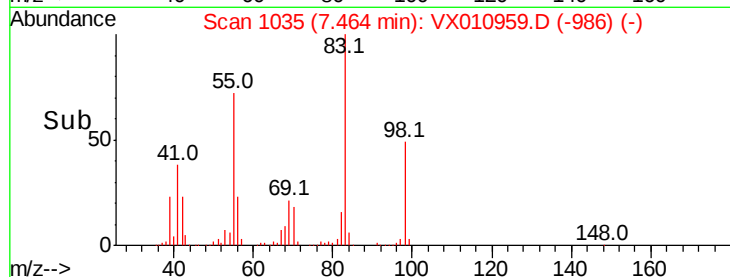
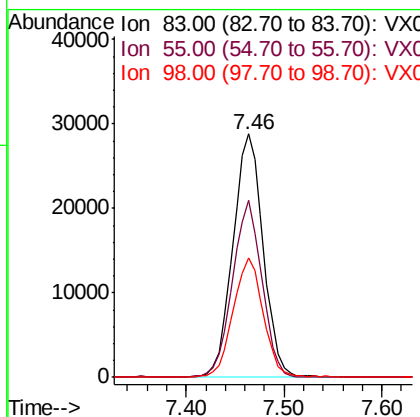
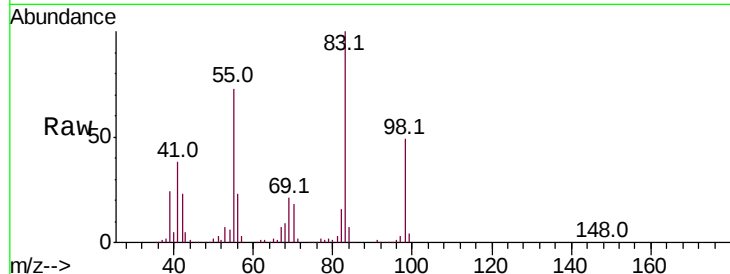
#39
Methvlcvclohexane
Concen: 18.941 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.6	56.2	84.4
98	49.2	39.0	58.4

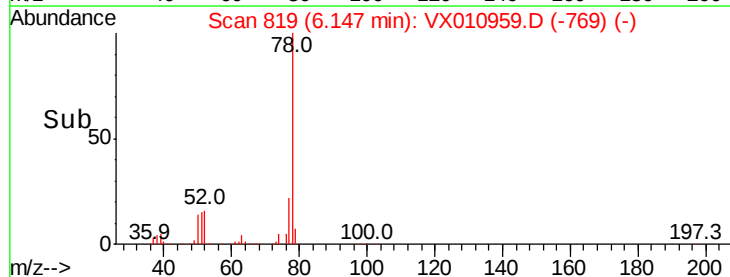
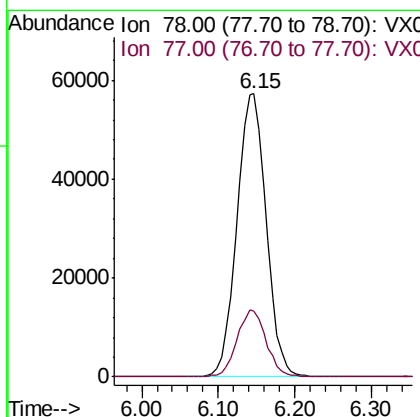
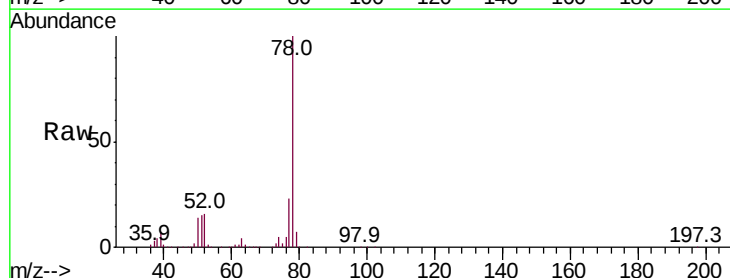
Manual Integrations
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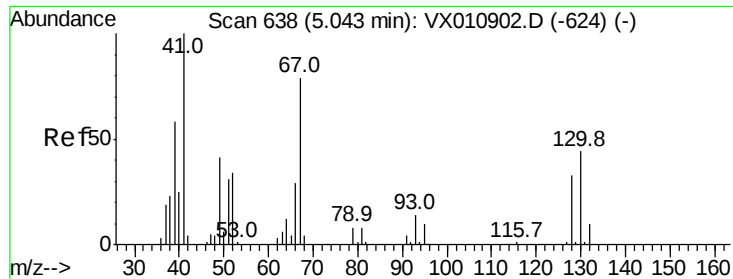
MMDadoda
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#40
Benzene
Concen: 19.782 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.6





#41

Methacrylonitrile

Concen: 17.967 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

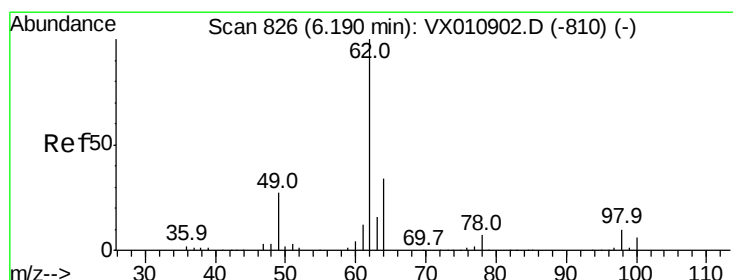
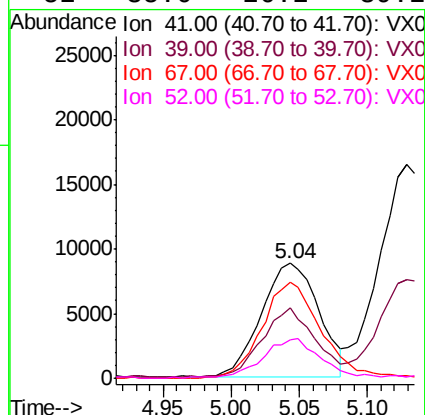
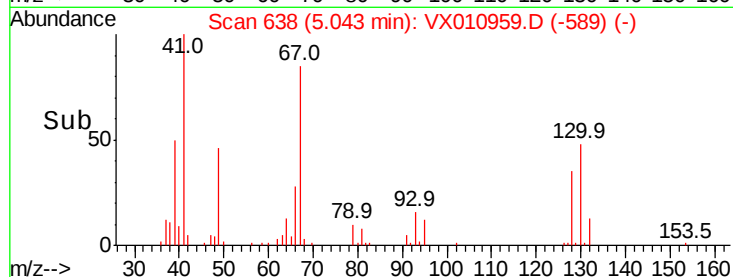
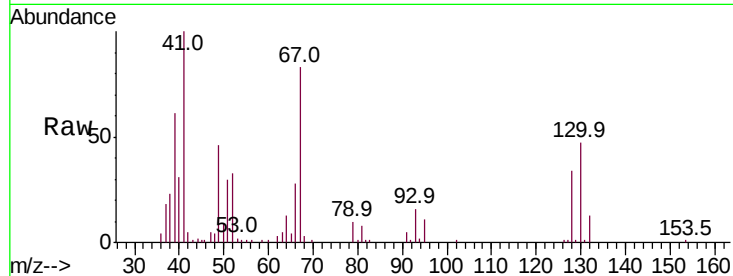
ClientSampleId :

VX0718WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
26207	41	100		
	39	54.5	45.4	68.2
	67	86.6	65.9	98.9
	52	35.0	26.2	39.2

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.066 ug/l

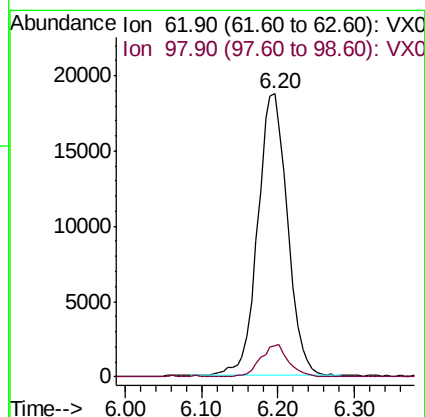
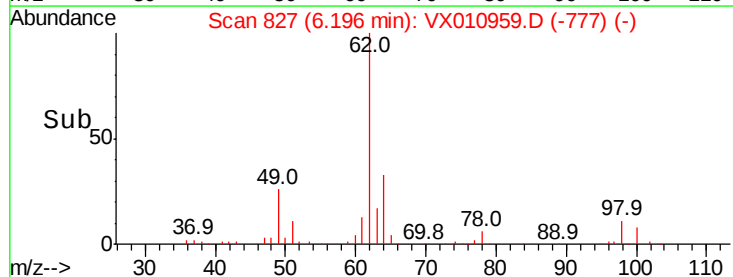
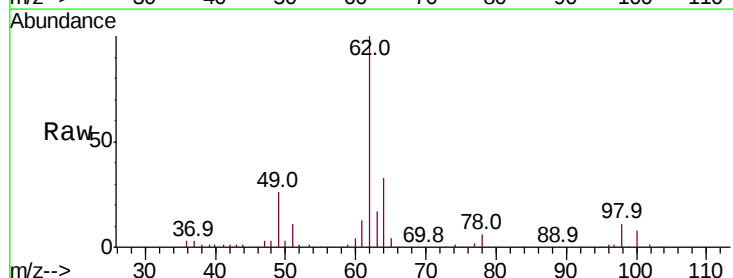
RT: 6.20 min Scan# 827

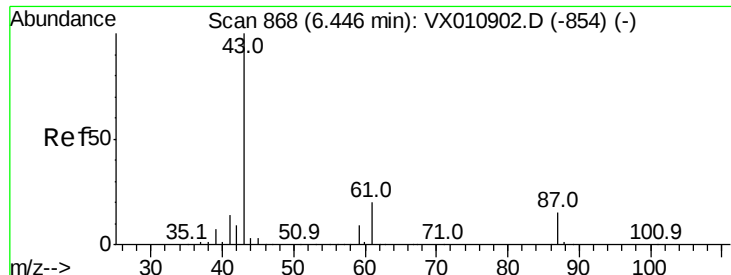
Delta R.T. 0.01 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Tgt Ion	Ion	Ratio	Lower	Upper
50954	62	100		
	98	10.8	0.0	20.0





#43

Isopropyl Acetate

Concen: 18.825 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

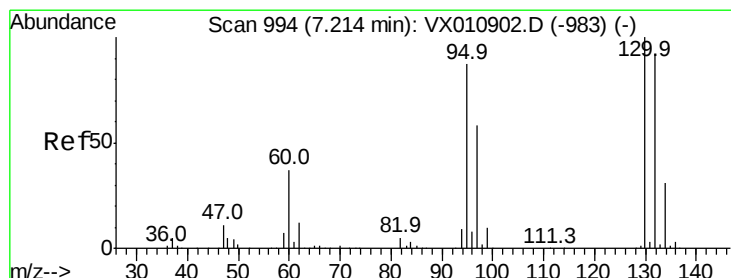
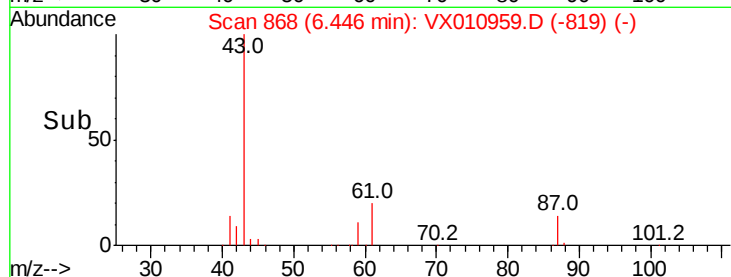
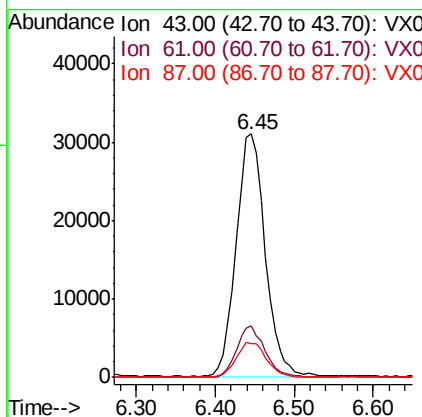
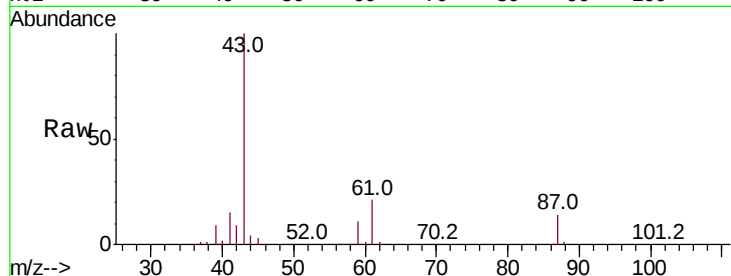
ClientSampleId :

VX0718WBSD01

Tot Ion:	43	Resp:	79534
Ion	Ratio	Lower	Upper
43	100		
61	20.6	17.1	25.7
87	14.8	12.0	18.0

Manual Integrations
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#44

Trichloroethene

Concen: 18.507 ug/l

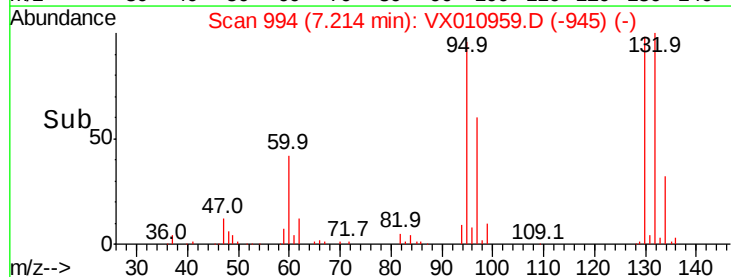
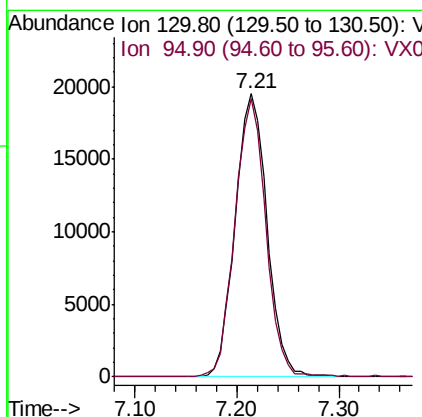
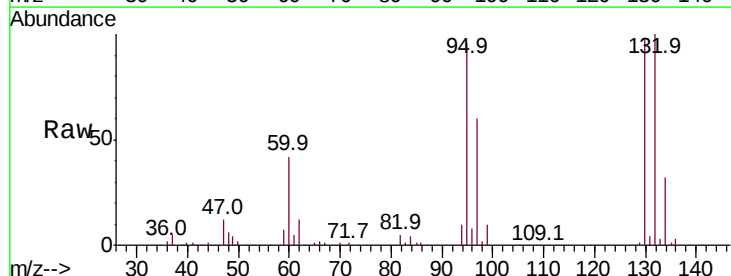
RT: 7.21 min Scan# 994

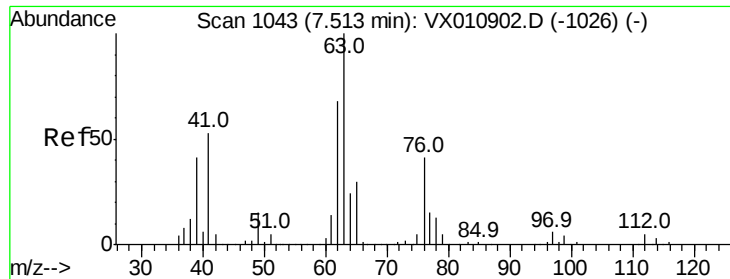
Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Tgt Ion:	130	Resp:	42107
Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	174.8





#45

1,2-Dichloropropane

Concen: 19.596 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBSD01

Tot Ion: 63 Resp: 38336

Ion Ratio Lower Upper

63 100

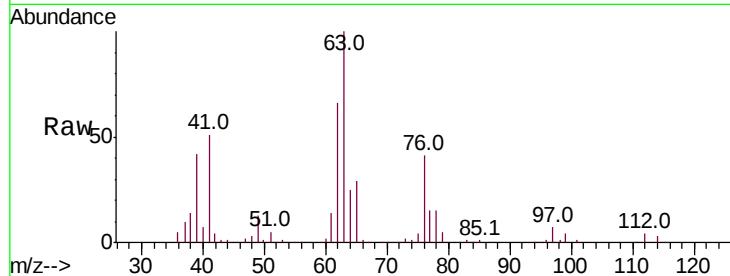
65 29.4 24.4 36.6

Manual Integrations

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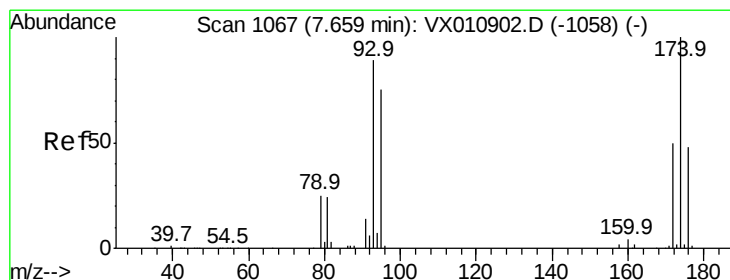
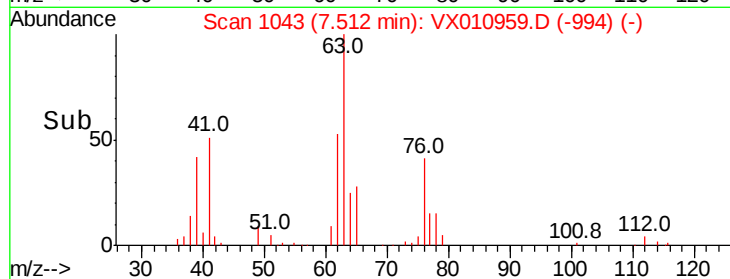
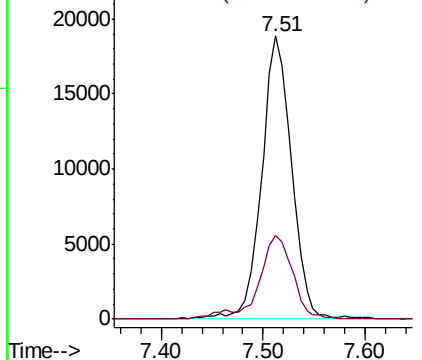
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.641 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

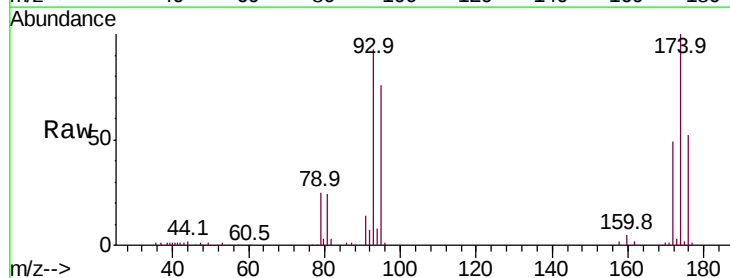
Tgt Ion: 93 Resp: 27456

Ion Ratio Lower Upper

93 100

95 84.5 67.2 100.8

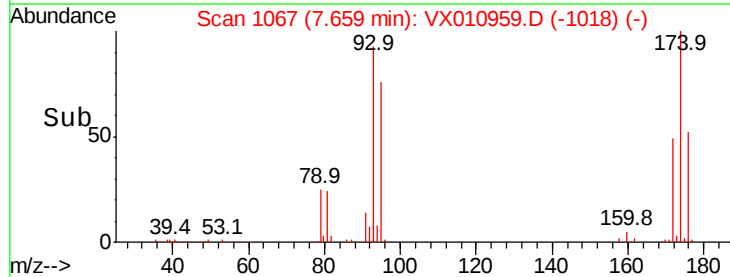
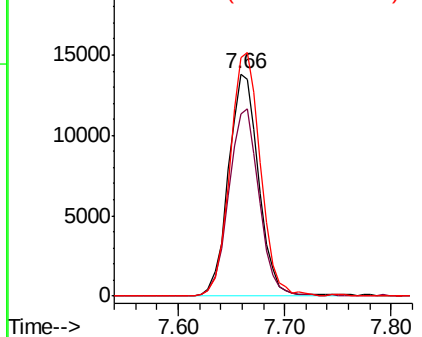
174 110.7 90.6 135.8

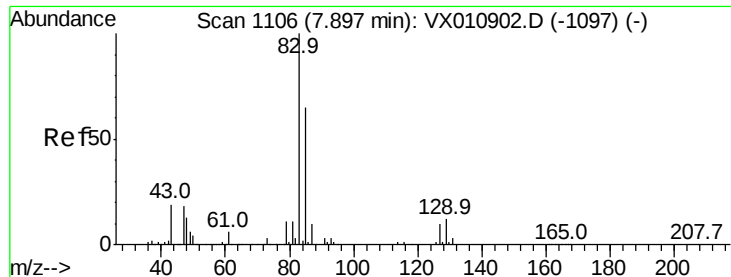


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.528 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

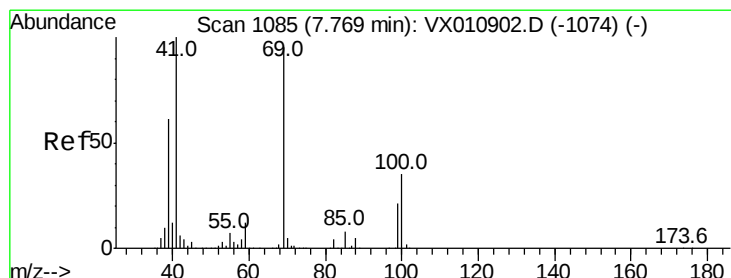
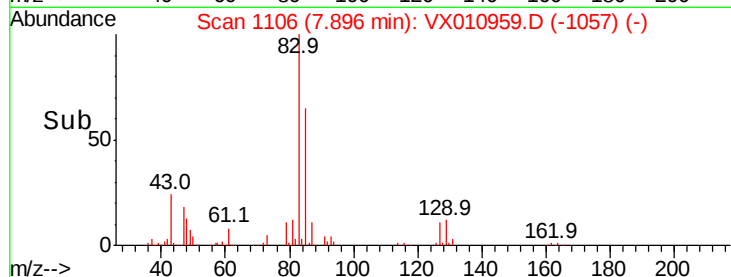
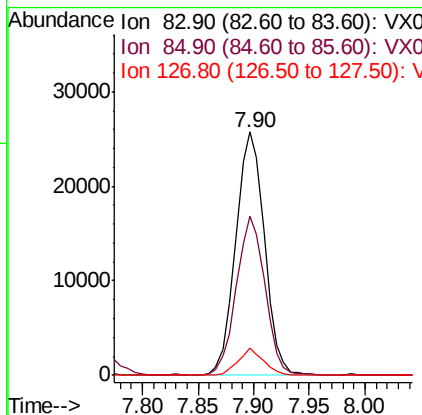
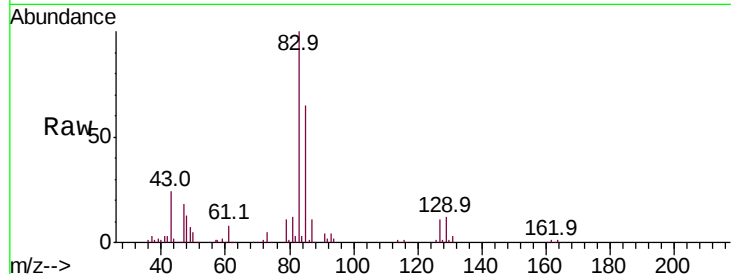
ClientSampleId :

VX0718WBSD01

Tot Ion:	83	Resp:	46106
Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.5	78.7
127	11.0	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.589 ug/l

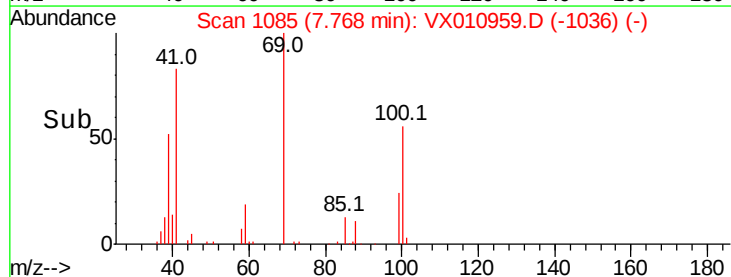
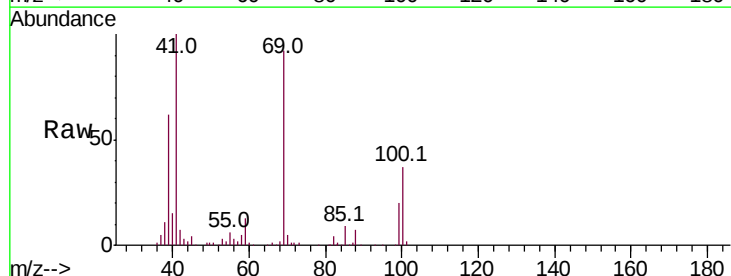
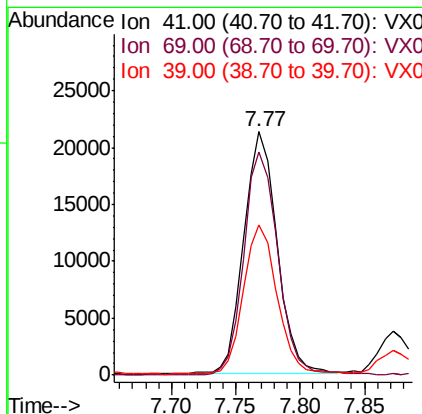
RT: 7.77 min Scan# 1085

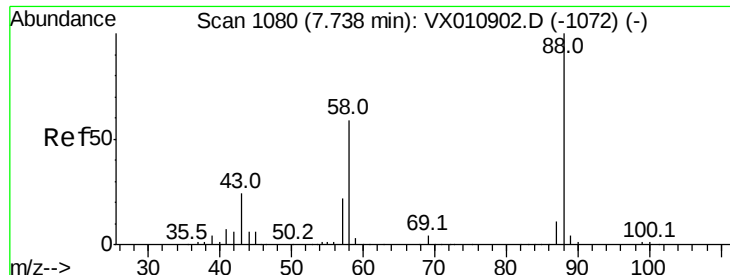
Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Tgt Ion:	41	Resp:	38259
Ion	Ratio	Lower	Upper
41	100		
69	94.3	74.4	111.6
39	62.5	48.9	73.3





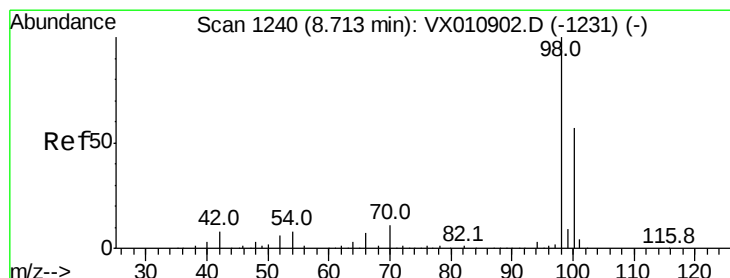
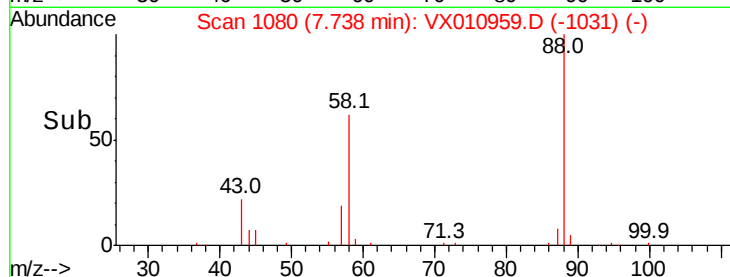
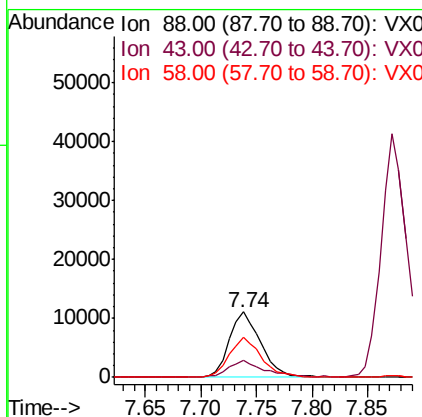
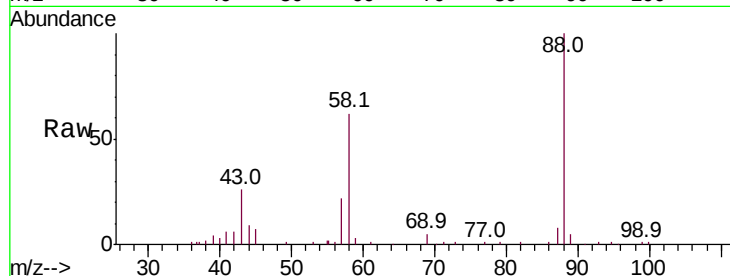
#49
1,4-Dioxane
Concen: 376.071 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.5	22.9	34.3
58	63.4	49.8	74.8

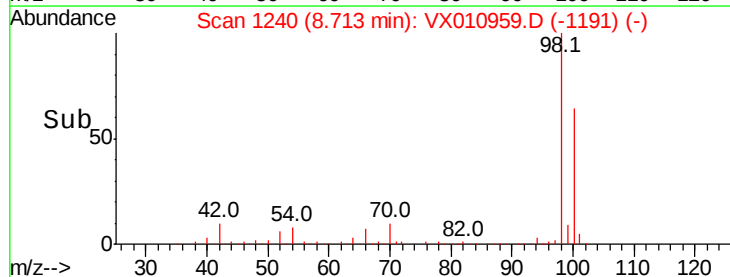
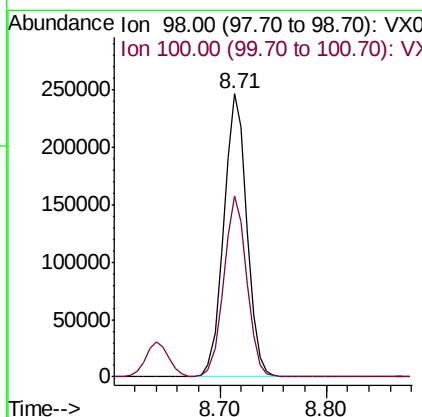
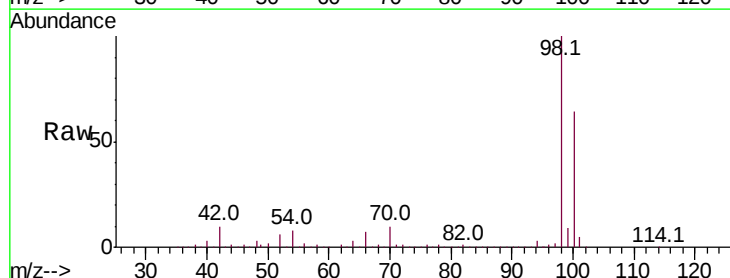
Manual Integrations
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#50
Toluene-d8
Concen: 51.292 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.6	75.8





#51

4-Methyl-2-Pentanone

Concen: 97.661 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBSD01

Tot Ion: 43 Resp: 267467

Ion Ratio Lower Upper

43 100

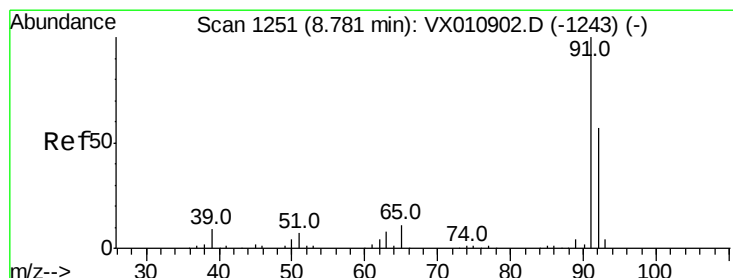
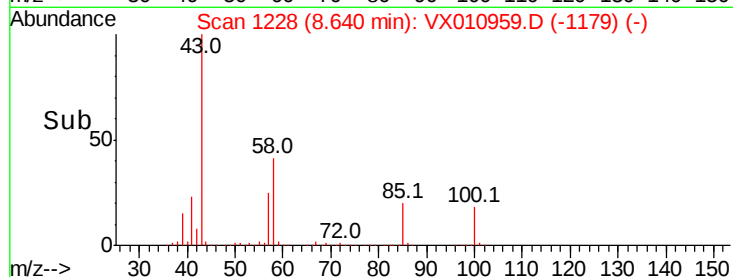
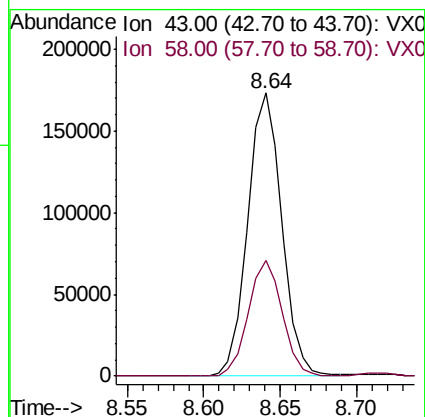
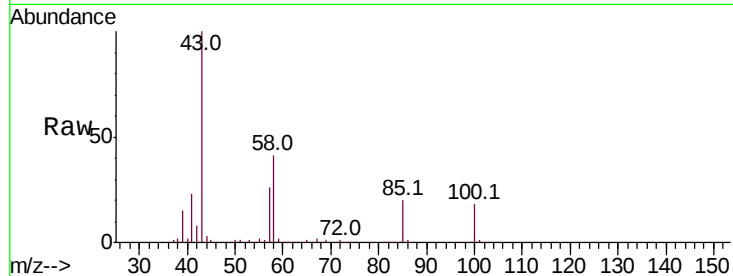
58 40.8 32.2 48.4

Manual Integrations

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#52

Toluene

Concen: 19.443 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010959.D

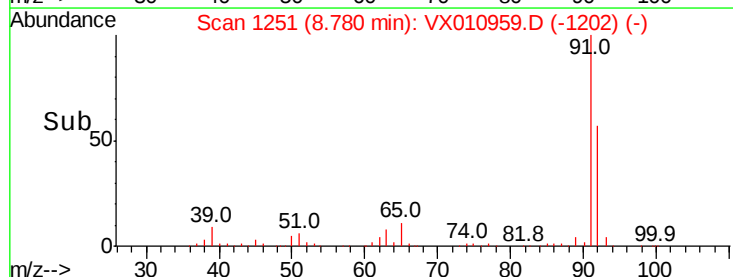
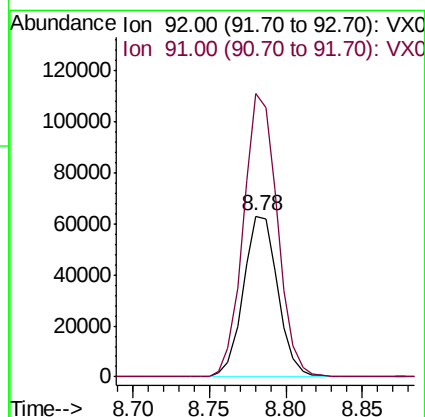
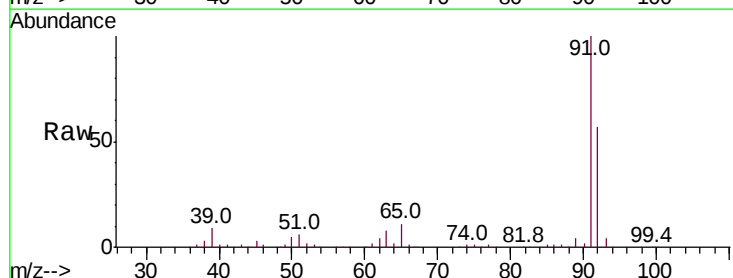
Acq: 18 Jul 2019 15:22

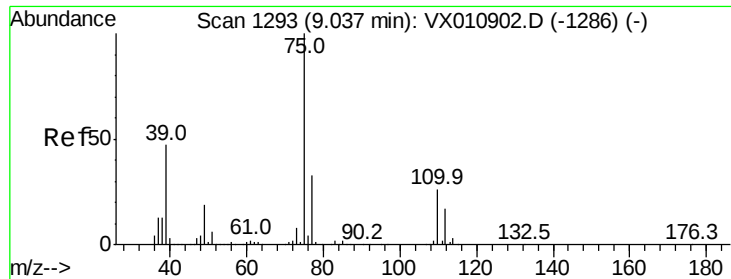
Tgt Ion: 92 Resp: 98178

Ion Ratio Lower Upper

92 100

91 174.6 139.4 209.0





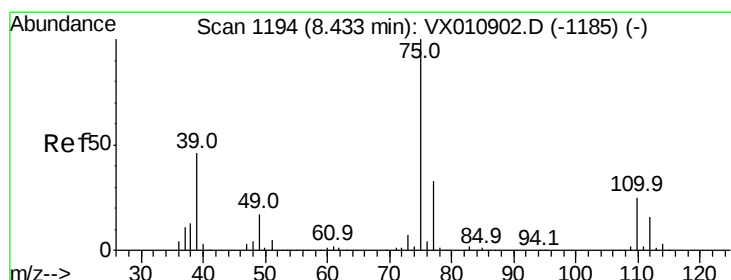
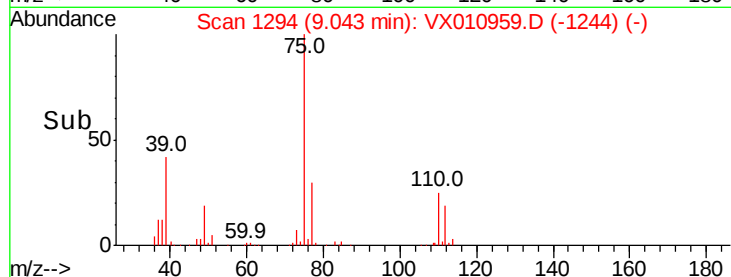
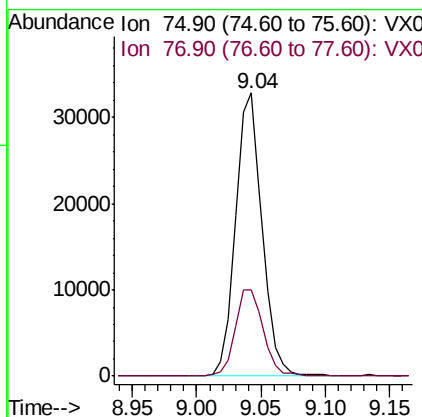
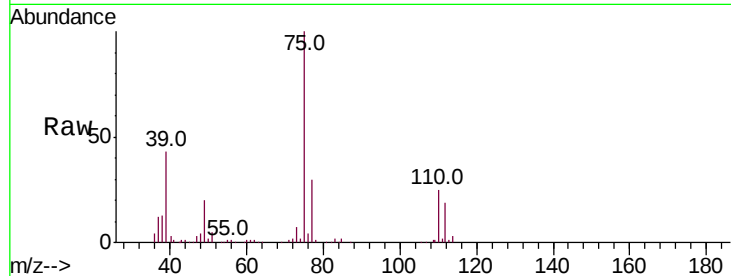
#53
t-1,3-Dichloropropene
Concen: 17.576 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Instrument :
MSVOA_X
ClientSampled :
VX0718WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	26.2	39.2

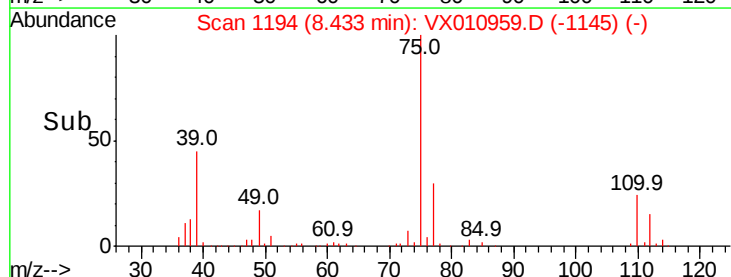
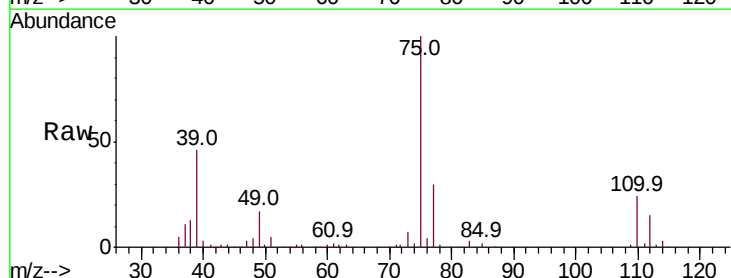
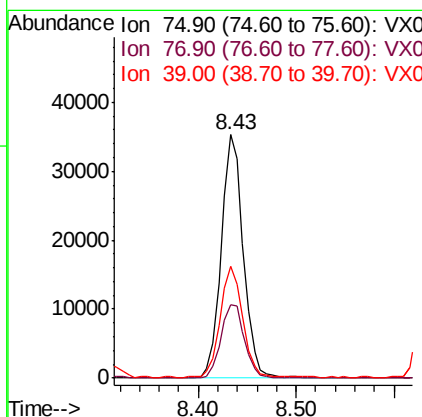
Manual Integrations
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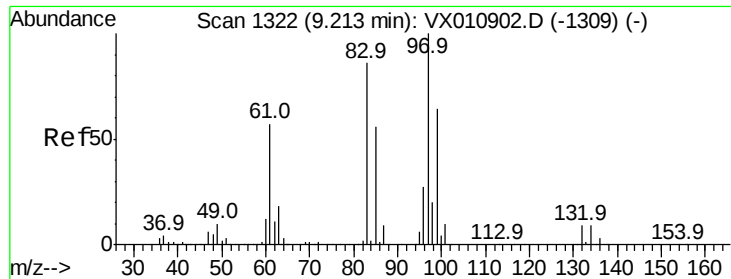
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#54
cis-1,3-Dichloropropene
Concen: 18.472 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.0	26.1	39.1
39	45.5	36.6	54.8





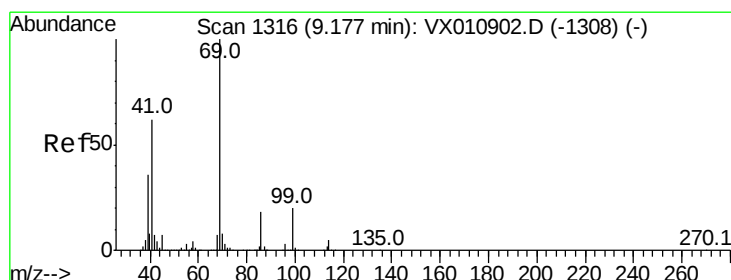
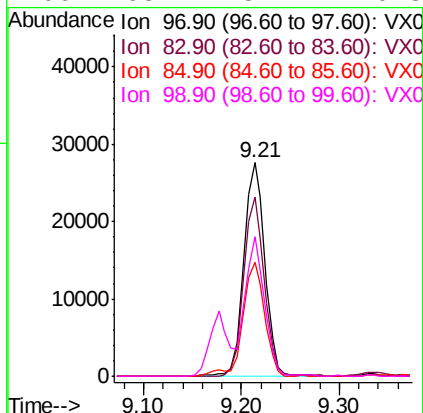
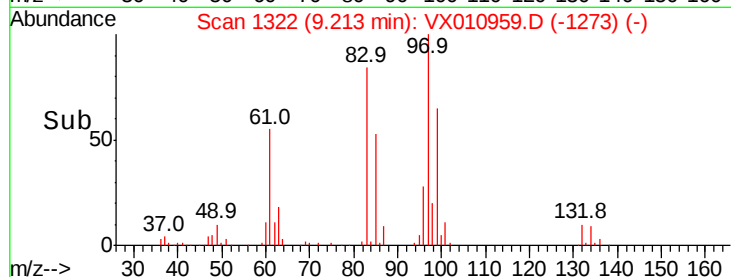
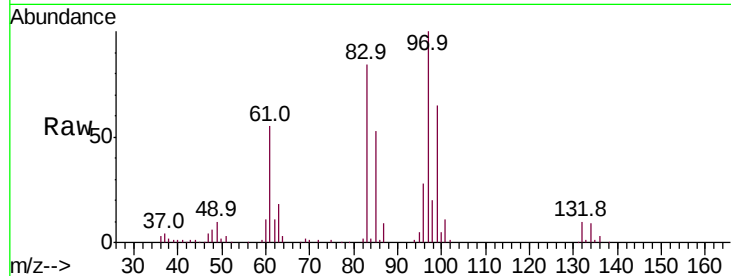
#55
 1,1,2-Trichloroethane
 Concen: 19.748 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010959.D
 Acq: 18 Jul 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718WBSD01

Tot Ion	97	Resp	41057
Ion	Ratio	Lower	Upper
97	100		
83	83.8	69.2	103.8
85	53.2	44.6	66.8
99	65.2	51.2	76.8

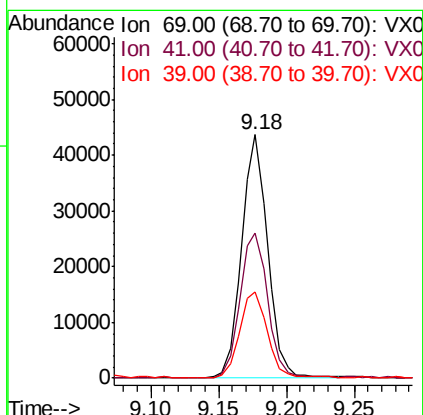
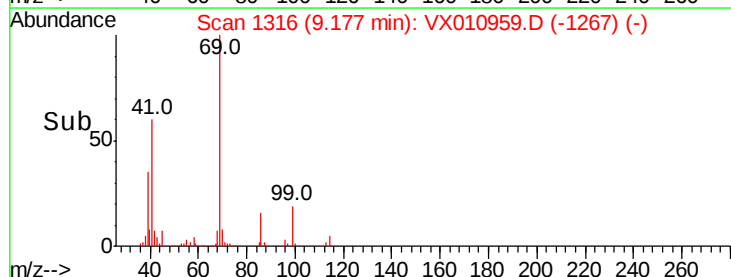
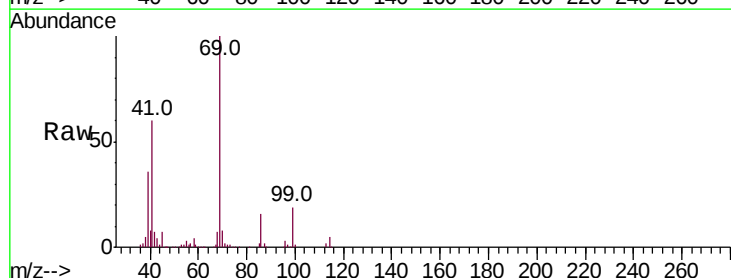
Manual Integrations
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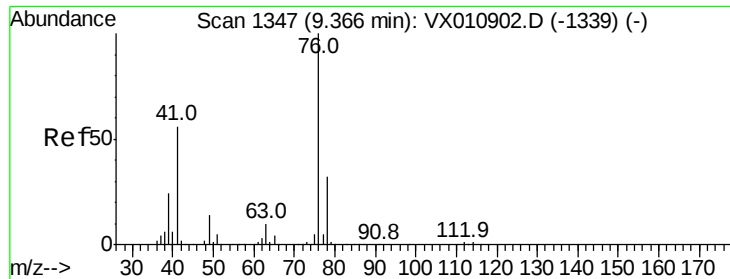
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#56
 Ethyl methacrylate
 Concen: 19.212 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010959.D
 Acq: 18 Jul 2019 15:22

Tgt Ion	69	Resp	58426
Ion	Ratio	Lower	Upper
69	100		
41	62.2	49.7	74.5
39	37.1	29.6	44.4





#57

1,3-Dichloropropane

Concen: 19.165 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBSD01

Tot Ion: 76 Resp: 63211

Ion Ratio Lower Upper

76 100

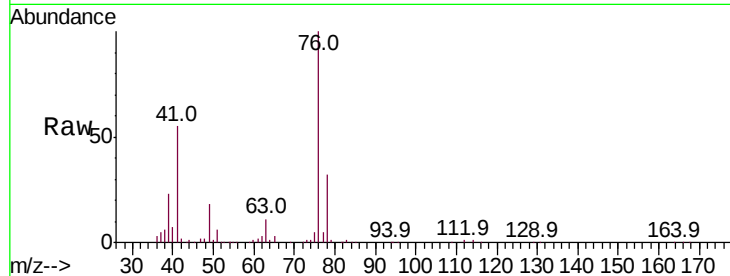
78 32.5 25.6 38.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

40000

30000

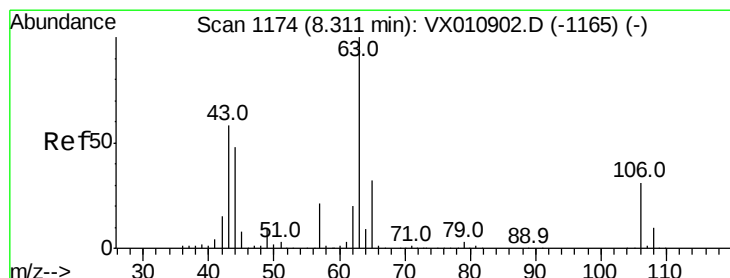
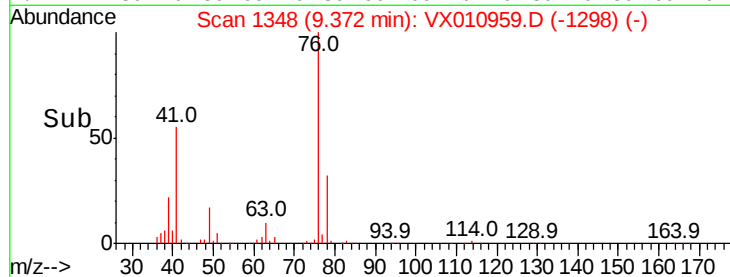
20000

10000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 101.540 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010959.D

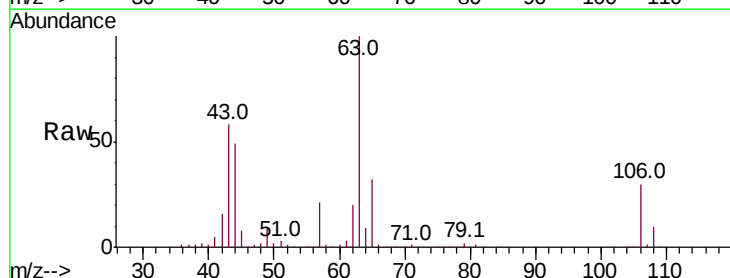
Acq: 18 Jul 2019 15:22

Tgt Ion: 63 Resp: 147410

Ion Ratio Lower Upper

63 100

106 29.8 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

100000

80000

60000

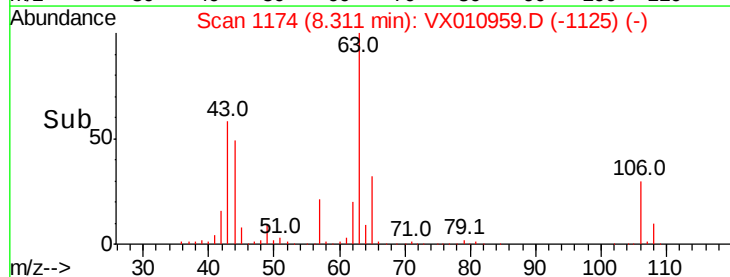
40000

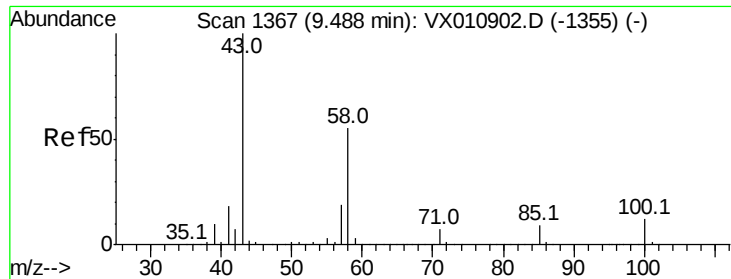
20000

0

8.20 8.25 8.30 8.35 8.40

Time-->





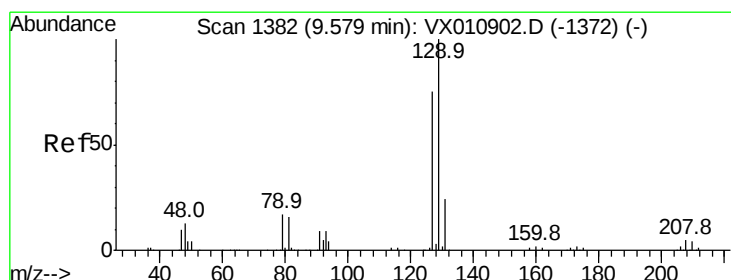
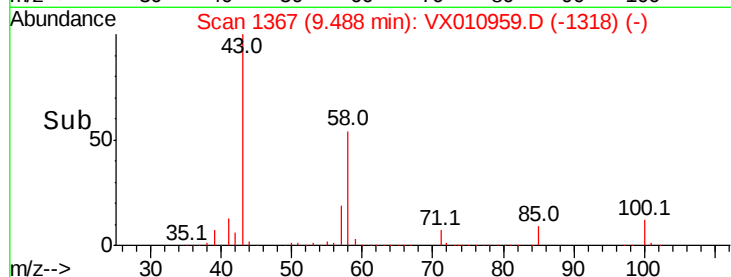
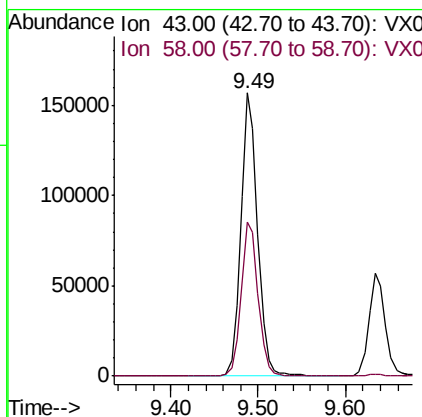
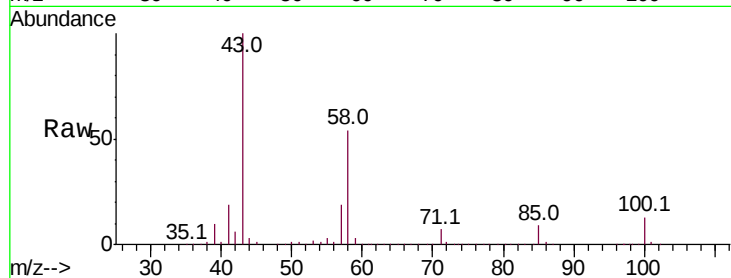
#59
2-Hexanone
Concen: 97.937 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBSD01

Tot Ion: 43 Resp: 208039
Ion Ratio Lower Upper
43 100
58 55.8 28.0 83.9

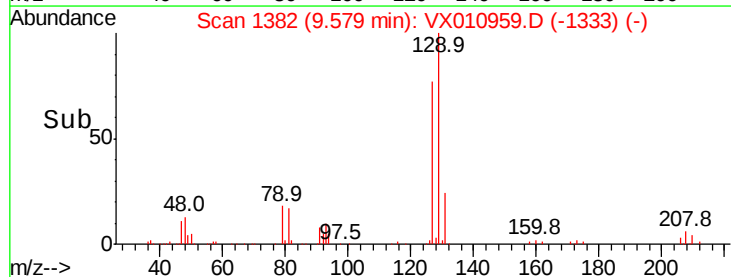
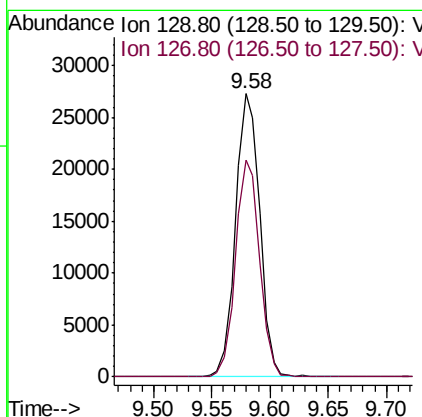
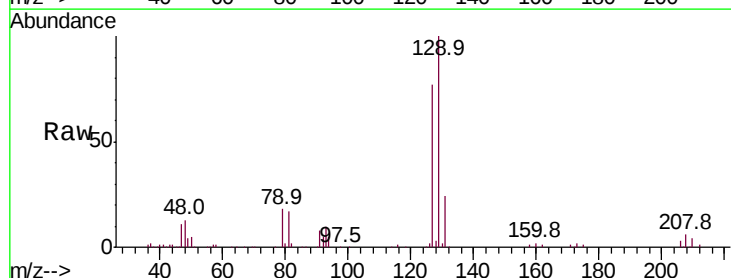
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#60
Dibromochloromethane
Concen: 18.181 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Tgt Ion:129 Resp: 39450
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.611 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBSD01

Tot Ion:107 Resp: 43270

Ion Ratio Lower Upper

107 100

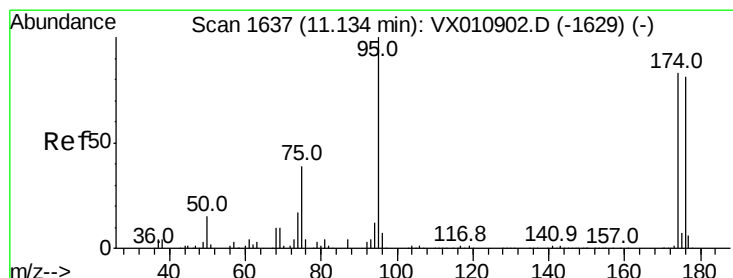
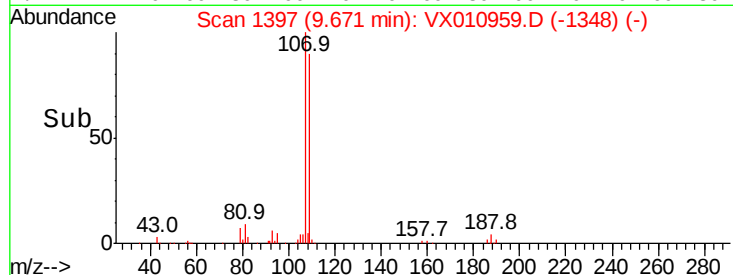
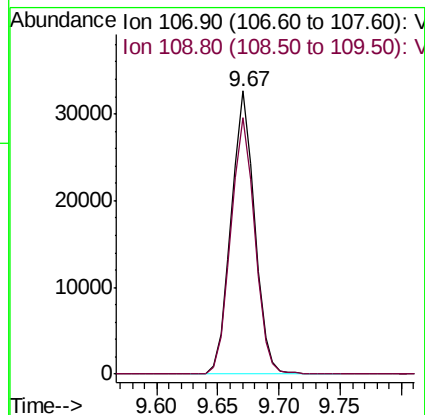
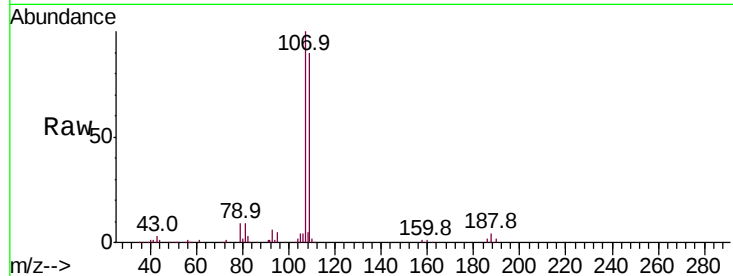
109 92.2 75.4 113.0

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#62

4-Bromofluorobenzene

Concen: 49.224 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

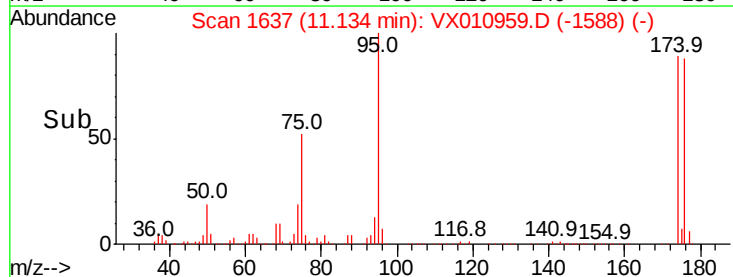
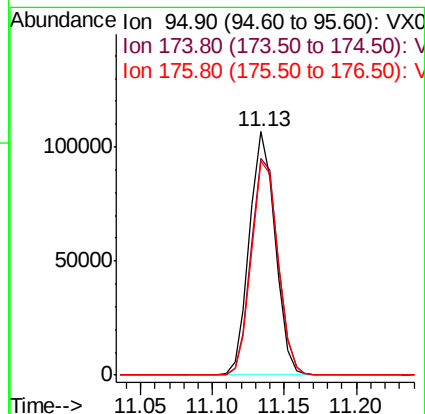
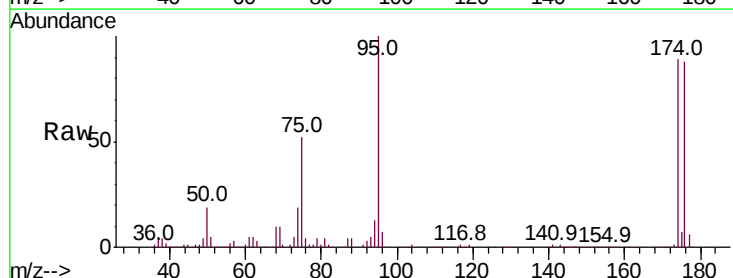
Tgt Ion: 95 Resp: 131580

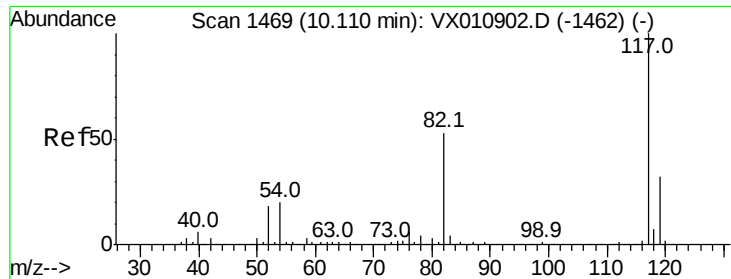
Ion Ratio Lower Upper

95 100

174 92.6 0.0 180.6

176 90.9 0.0 173.8





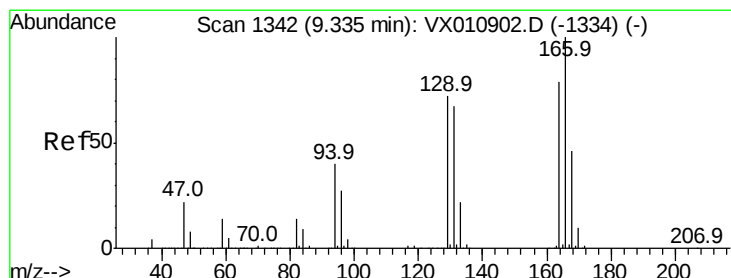
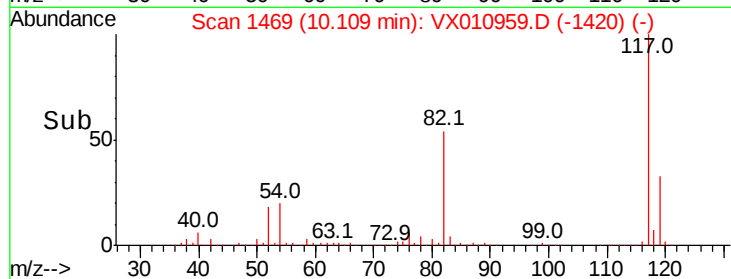
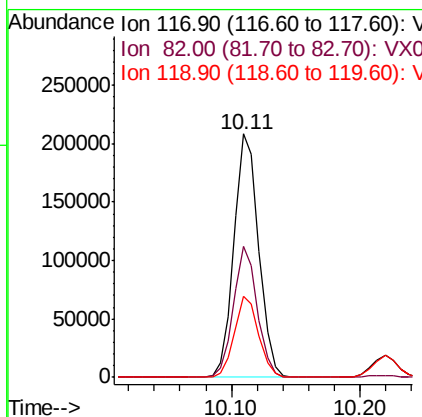
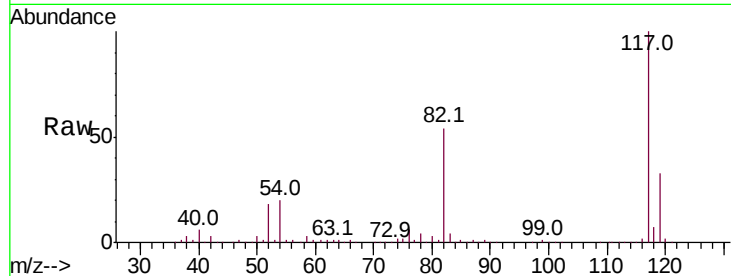
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	279370		
82	53.9	42.6	63.8	
119	33.2	25.9	38.9	

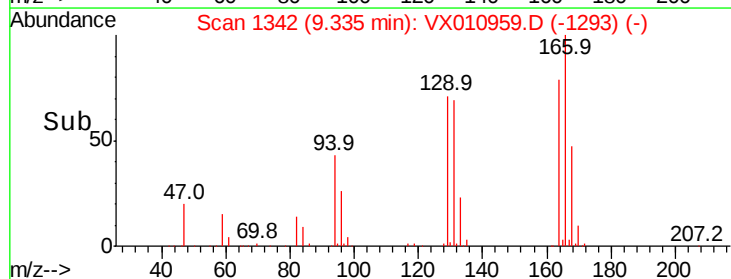
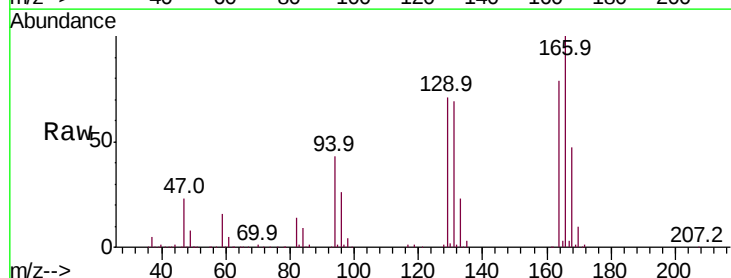
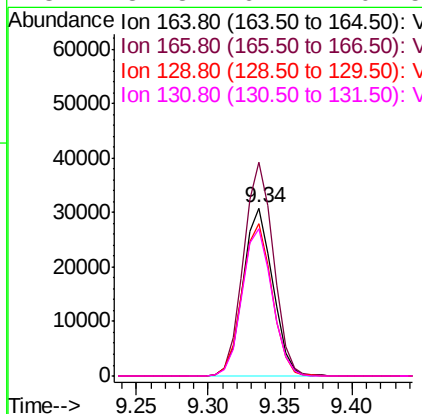
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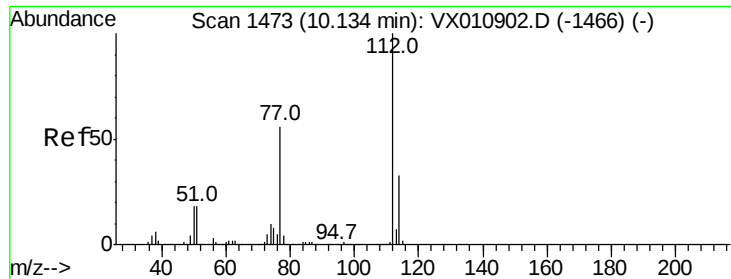
MMDadoda
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#64
Tetrachloroethene
Concen: 19.924 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	43788		
166	127.1	100.8	151.2	
129	90.6	72.6	109.0	
131	87.8	67.7	101.5	





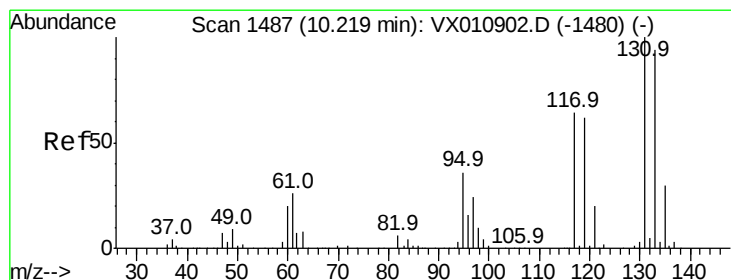
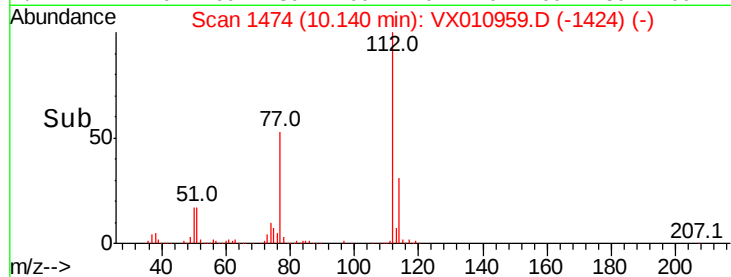
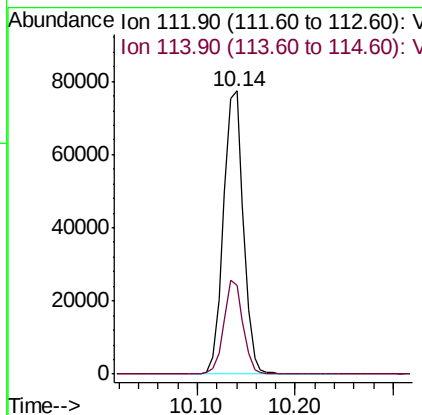
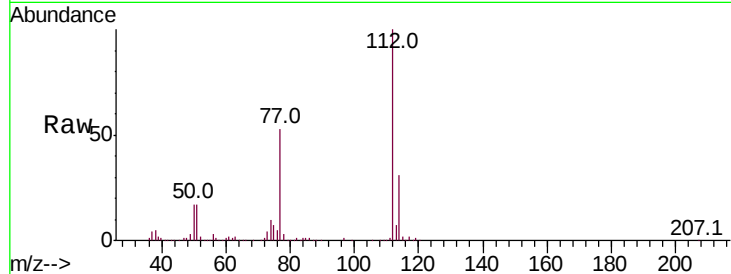
#65
Chlorobenzene
Concen: 19.105 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBSD01

Tot Ion:112 Resp: 109625
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.4

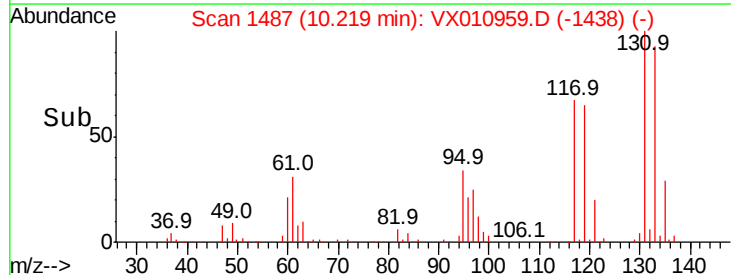
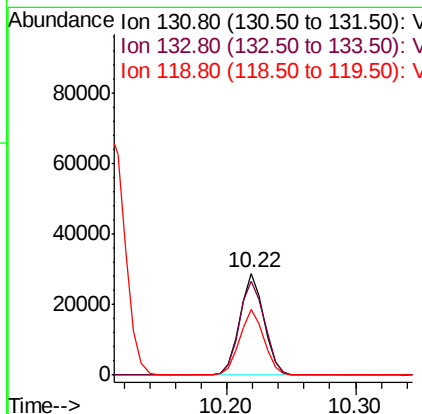
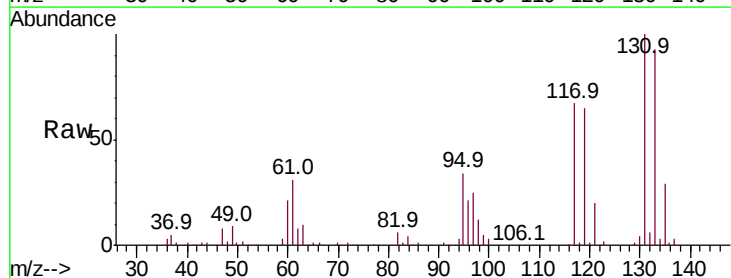
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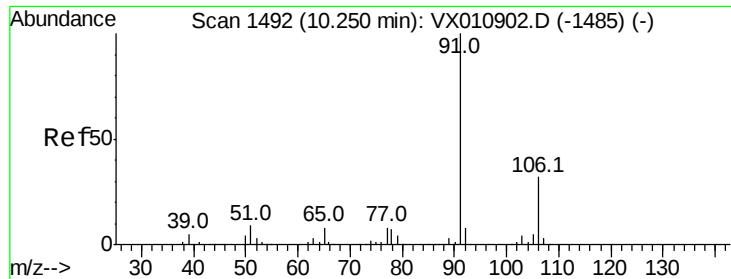
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.587 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Tgt Ion:131 Resp: 37484
Ion Ratio Lower Upper
131 100
133 96.6 47.1 141.4
119 65.4 31.9 95.7





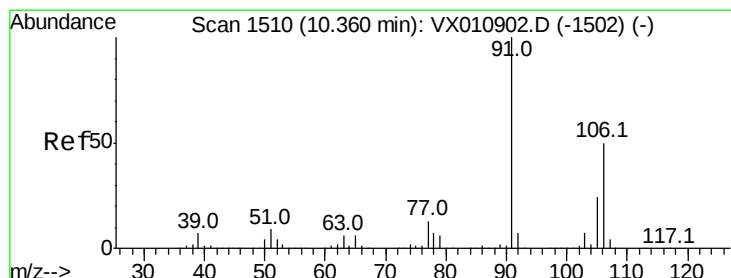
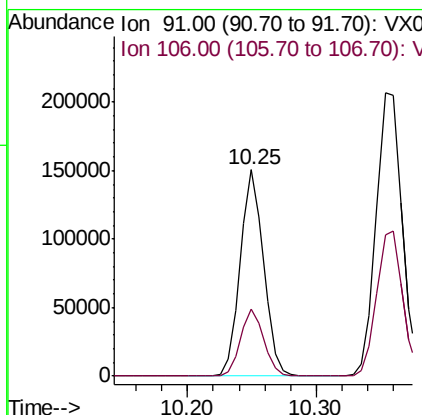
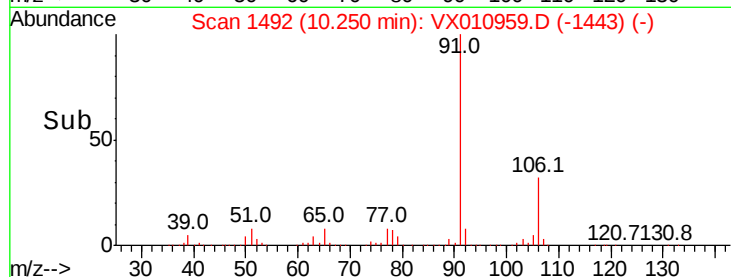
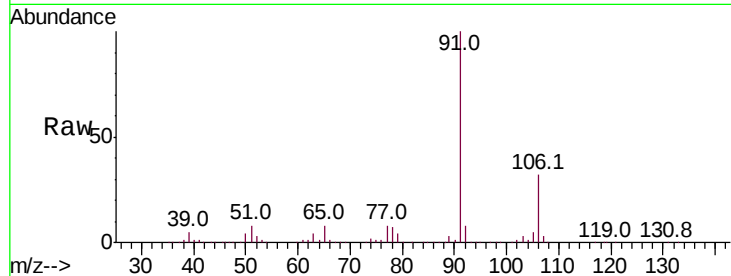
#67
Ethyl Benzene
Concen: 19.454 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBSD01

Tot Ion: 91 Resp: 190000
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.2

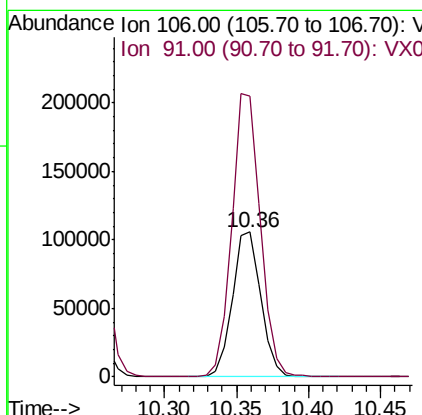
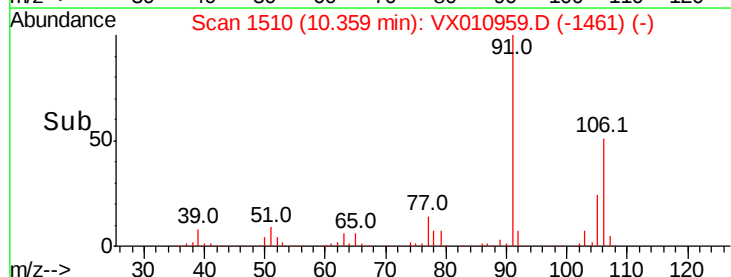
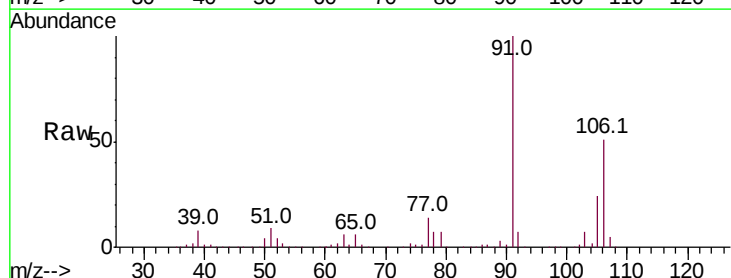
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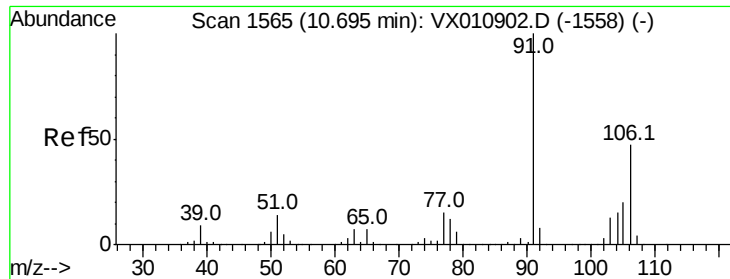
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#68
m/p-Xylenes
Concen: 39.135 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Tgt Ion: 106 Resp: 146617
Ion Ratio Lower Upper
106 100
91 195.5 160.1 240.1





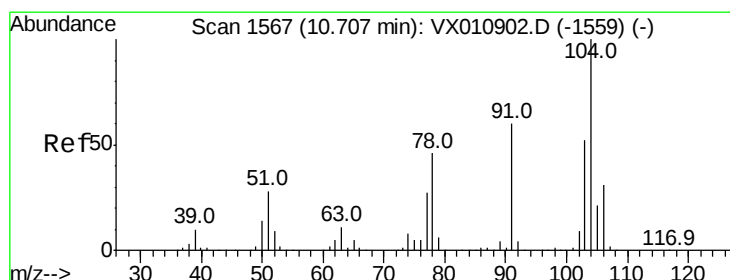
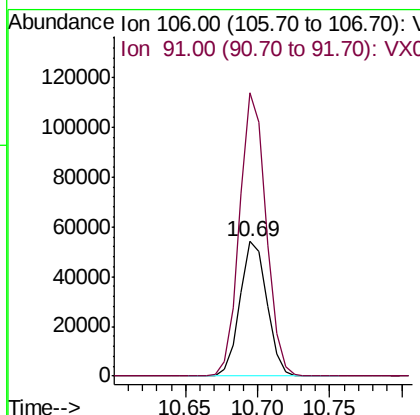
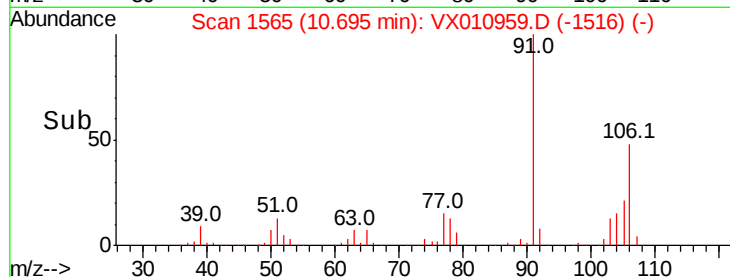
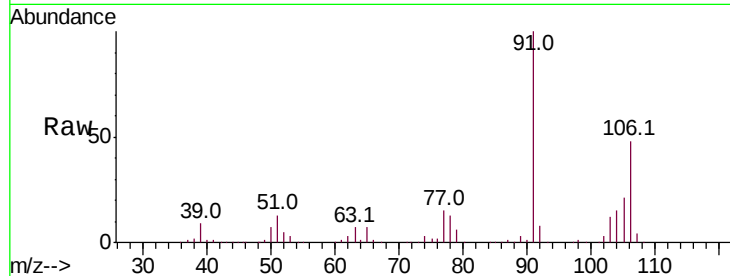
#69
o-Xylene
Concen: 19.354 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBSD01

Tot Ion:106 Resp: 70764
Ion Ratio Lower Upper
106 100
91 206.5 105.1 315.3

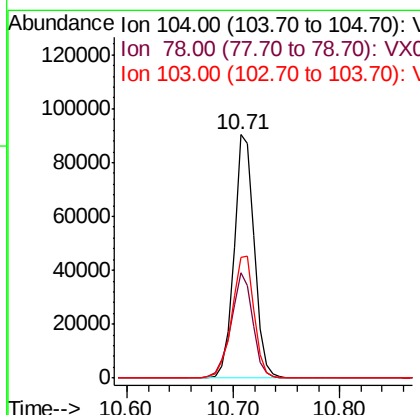
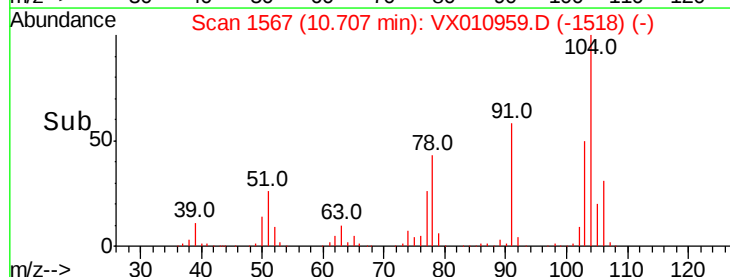
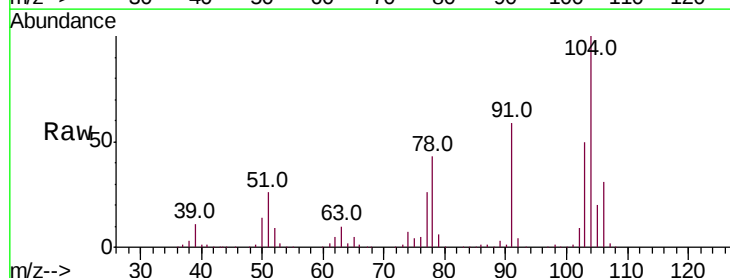
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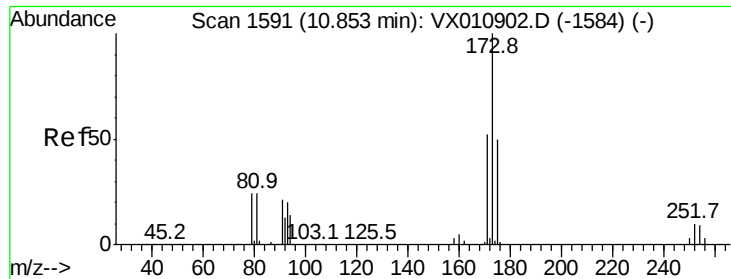
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#70
Styrene
Concen: 19.693 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Tgt Ion:104 Resp: 120033
Ion Ratio Lower Upper
104 100
78 46.6 38.8 58.2
103 55.2 44.2 66.4





#71

Bromoform

Concen: 16.825 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBSD01

Tot Ion:173 Resp: 27621

Ion Ratio Lower Upper

173 100

175 47.7 24.6 73.6

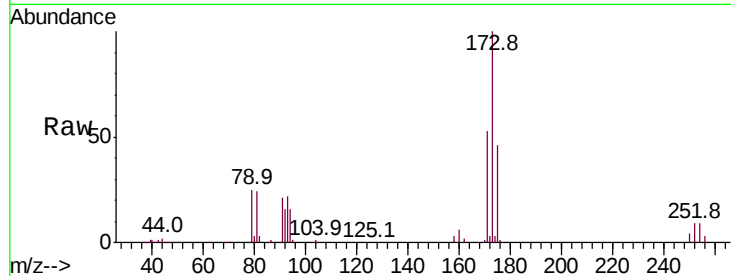
254 0.0 0.1 0.1#

Manual Integrations

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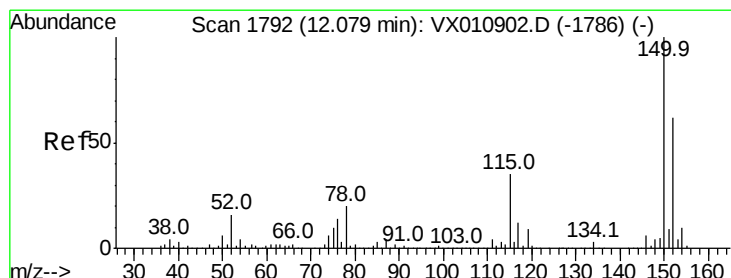
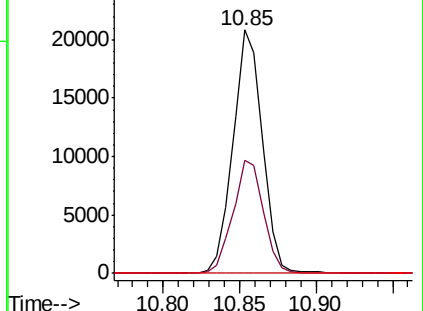
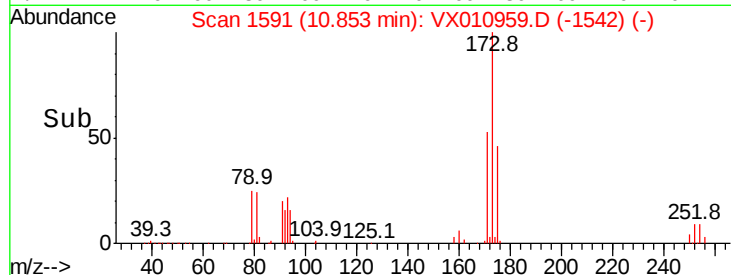
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

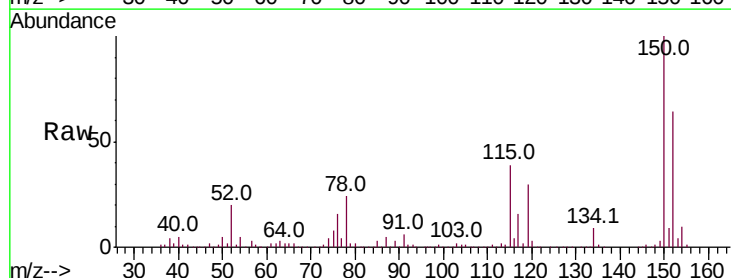
Tgt Ion:152 Resp: 145986

Ion Ratio Lower Upper

152 100

115 64.2 39.7 119.1

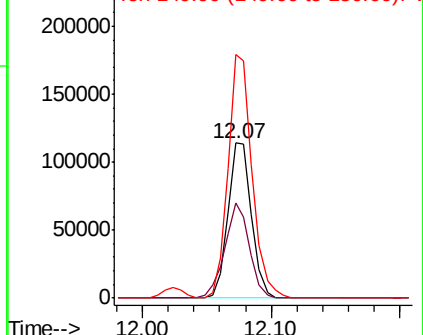
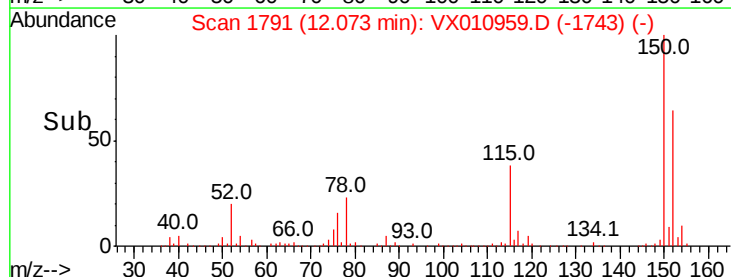
150 160.5 0.0 345.6

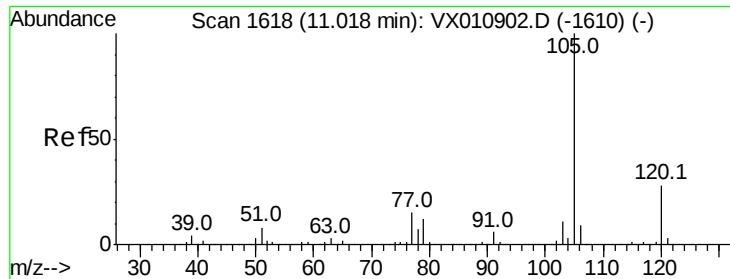


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.307 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

ClientSampled :

VX0718WBSD01

Tot Ion: 105 Resp: 190445

Ion Ratio Lower Upper

105 100

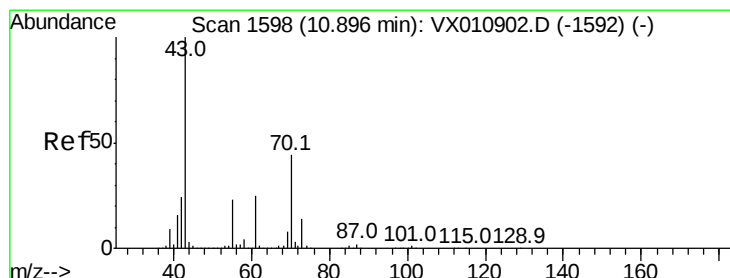
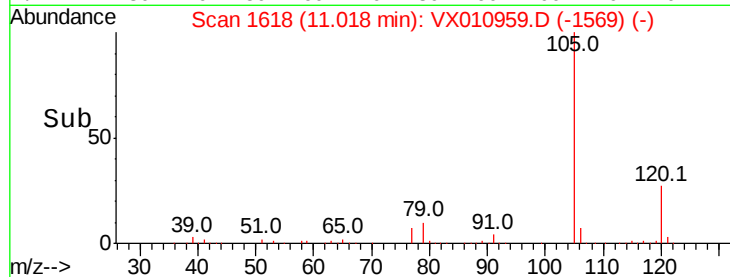
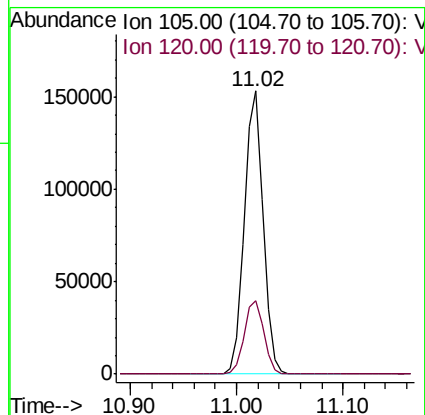
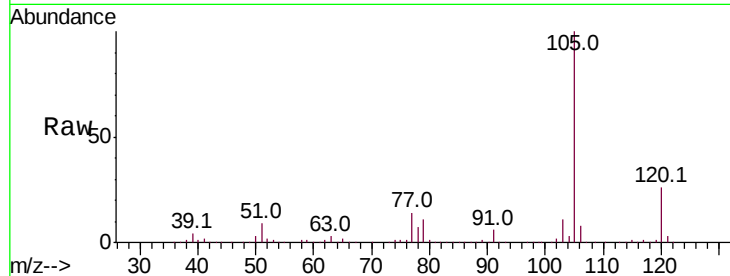
120 27.0 13.7 41.1

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#74

N-ethyl acetate

Concen: 18.736 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Tgt Ion: 43 Resp: 70618

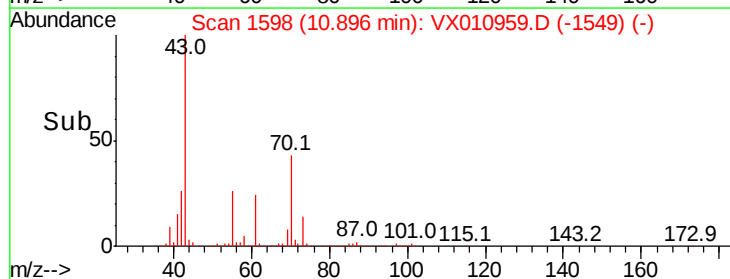
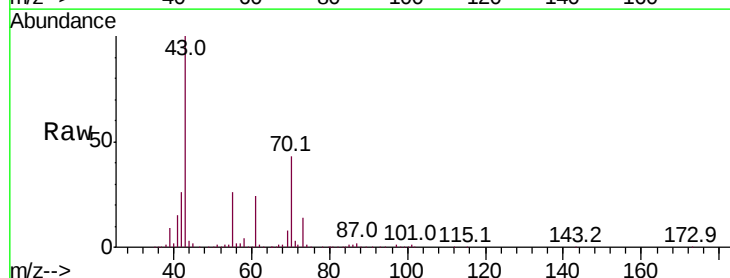
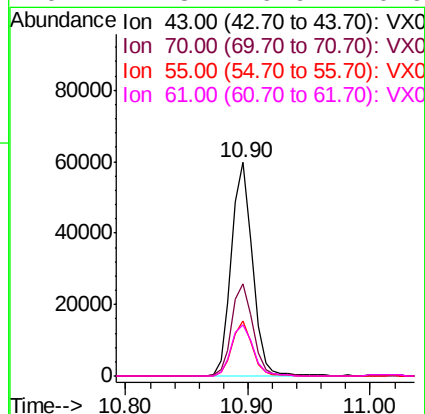
Ion Ratio Lower Upper

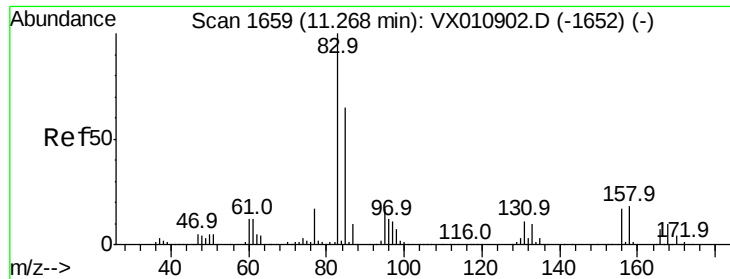
43 100

70 43.6 34.7 52.1

55 25.0 19.1 28.7

61 24.8 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.020 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

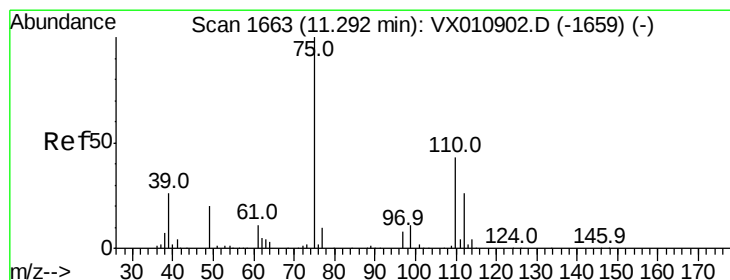
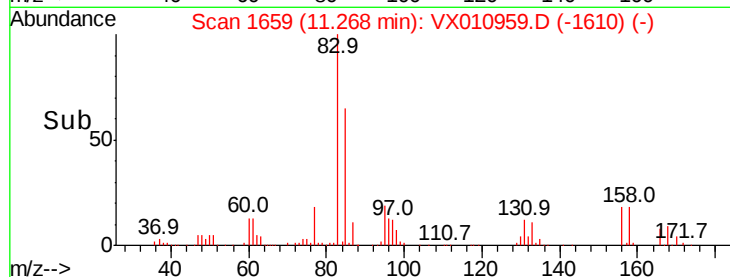
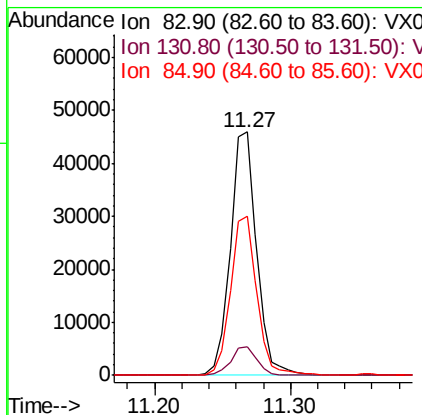
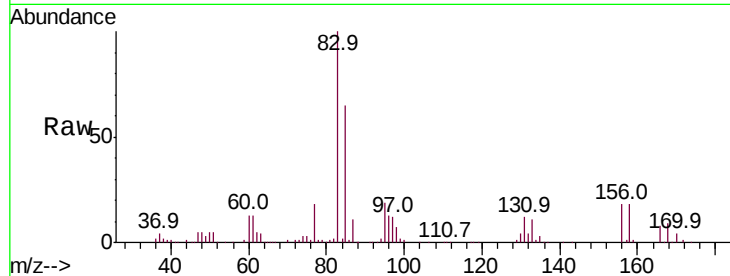
ClientSampleId :

VX0718WBSD01

Tot Ion:	83	Resp:	61399
Ion	Ratio	Lower	Upper
83	100		
131	11.7	5.5	16.4
85	65.6	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.081 ug/l m

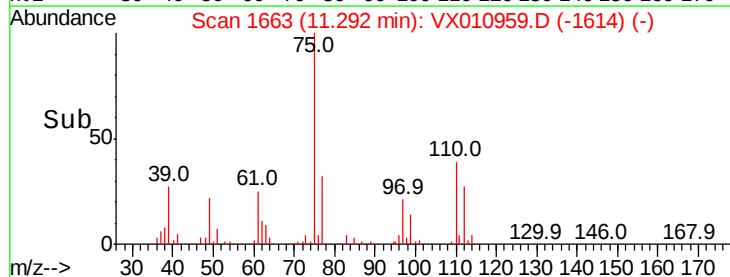
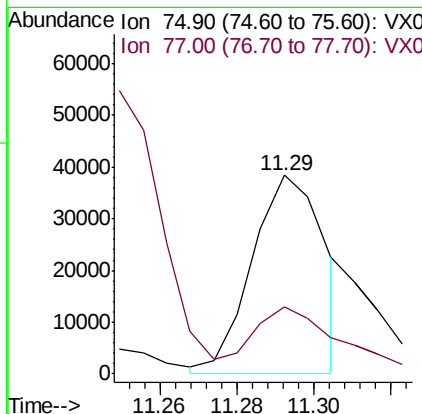
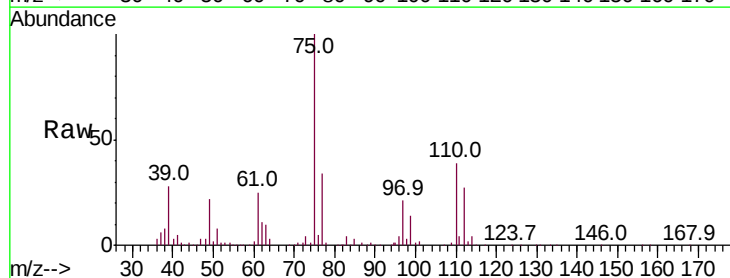
RT: 11.29 min Scan# 1663

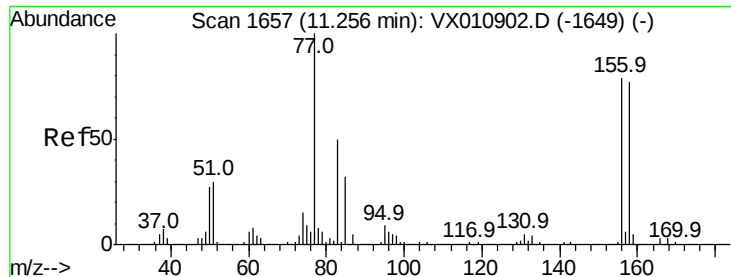
Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Tgt Ion:	75	Resp:	50267
Ion	Ratio	Lower	Upper
75	100		
77	41.1	21.3	64.0





#77

Bromobenzene

Concen: 18.861 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

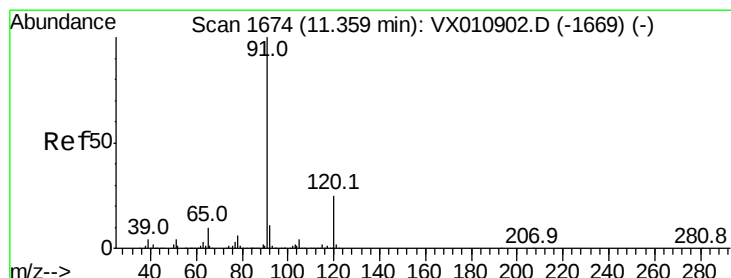
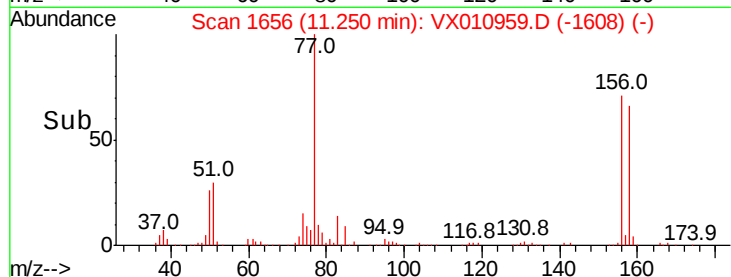
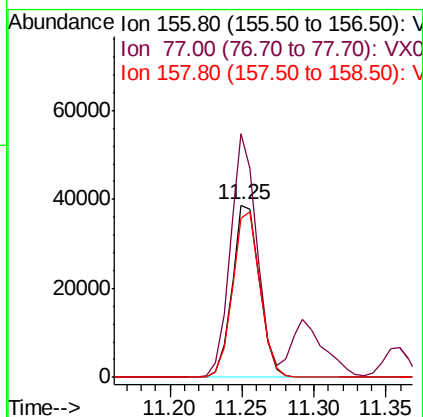
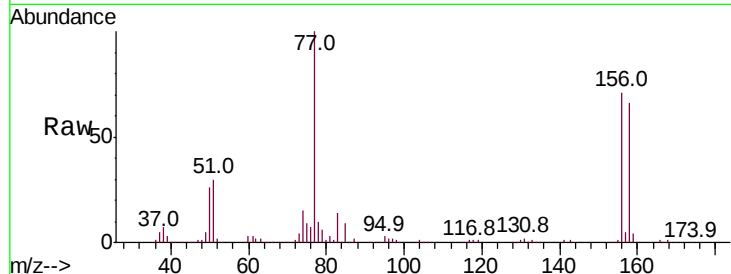
ClientSampleId :

VX0718WBSD01

Tot Ion:	156	Resp:	51319
Ion Ratio	Lower	Upper	
156	100		
77	138.1	68.7	206.1
158	97.0	47.9	143.7

Manual Integrations
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#78

n-propylbenzene

Concen: 19.184 ug/l

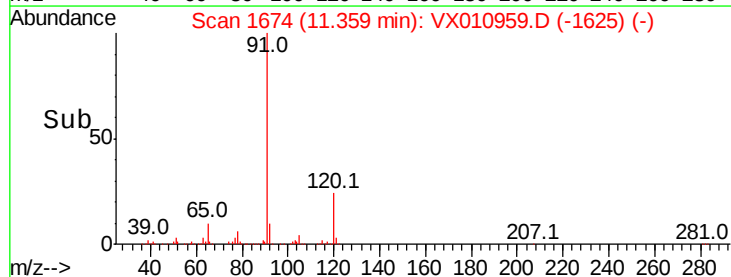
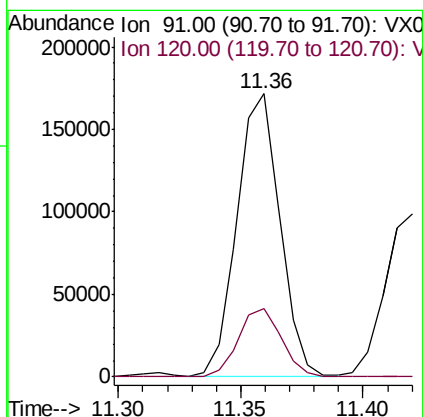
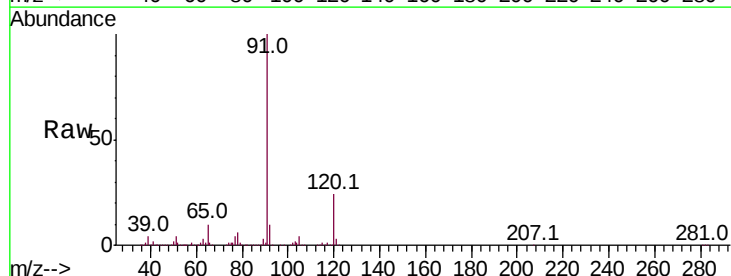
RT: 11.36 min Scan# 1674

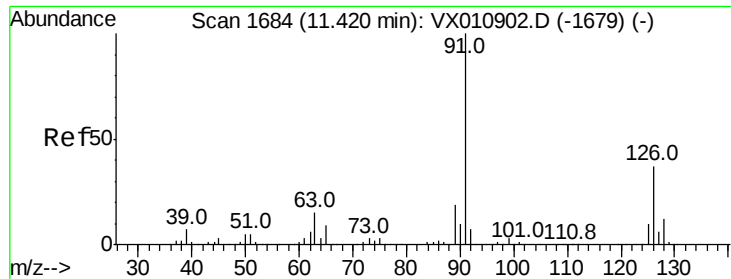
Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Tgt Ion:	91	Resp:	209090
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.3	36.8





#79

2-Chlorotoluene

Concen: 19.056 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBSD01

Tot Ion: 91 Resp: 124766

Ion Ratio Lower Upper

91 100

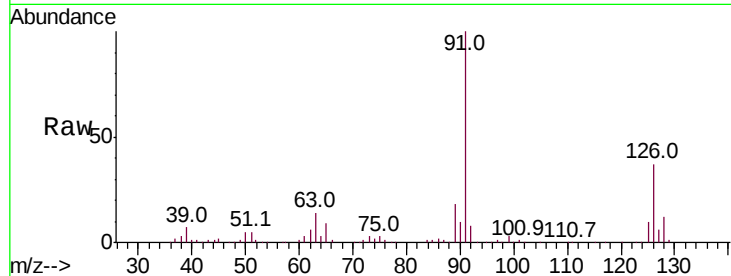
126 36.5 18.0 54.0

Manual Integrations

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

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

200000

150000

100000

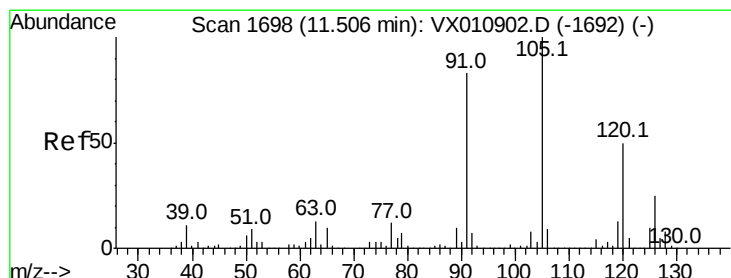
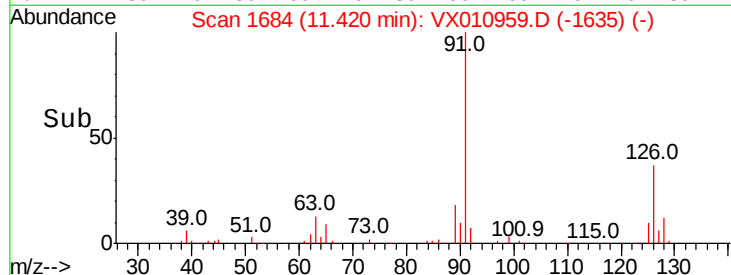
50000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.088 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010959.D

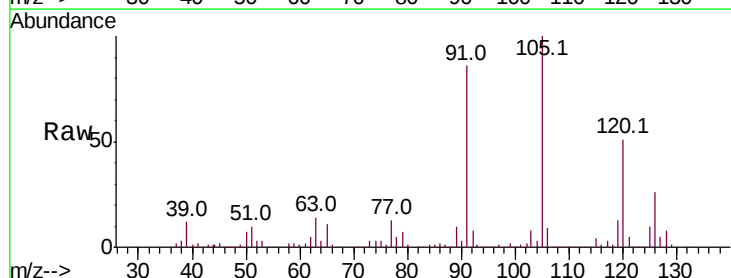
Acq: 18 Jul 2019 15:22

Tgt Ion:105 Resp: 157331

Ion Ratio Lower Upper

105 100

120 50.3 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX010902.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010902.D (-1692) (-)

150000

100000

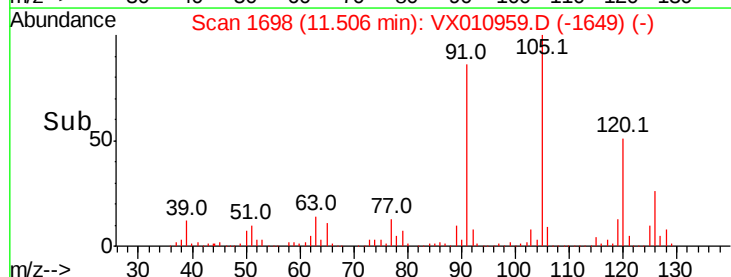
50000

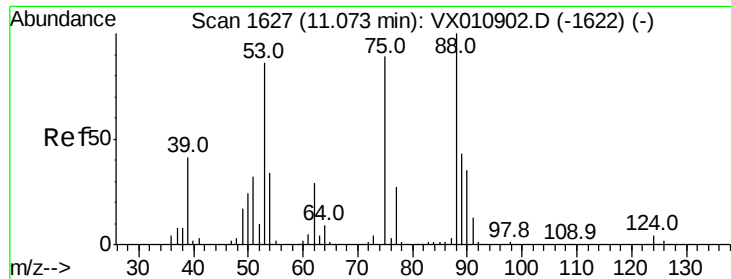
0

11.51

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 16.923 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBSD01

Tot Ion: 75 Resp: 14622

Ion Ratio Lower Upper

75 100

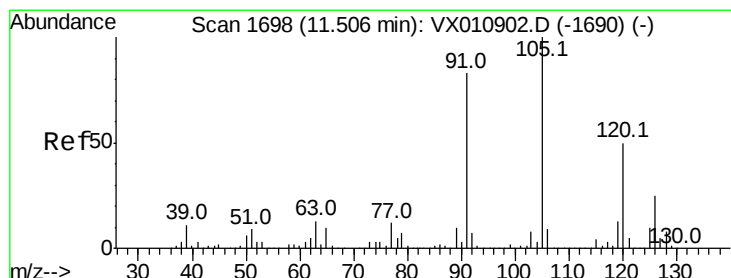
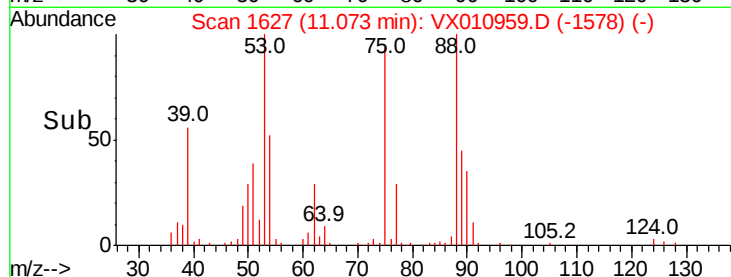
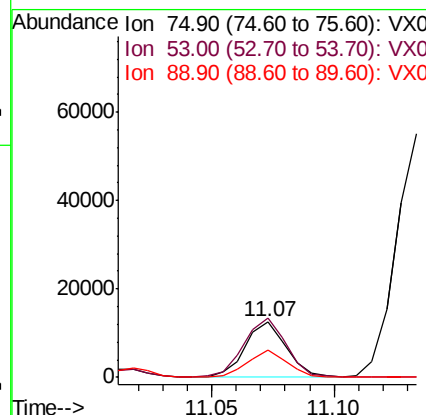
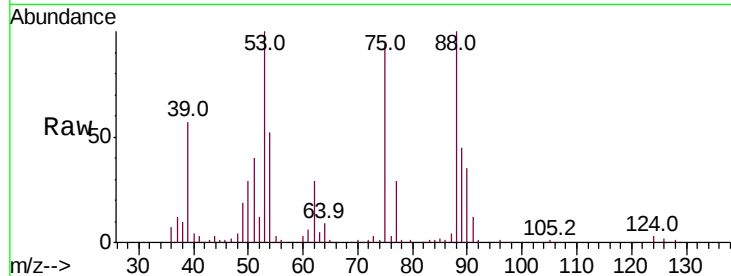
53 111.9 76.7 115.1

89 47.6 38.5 57.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.913 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010959.D

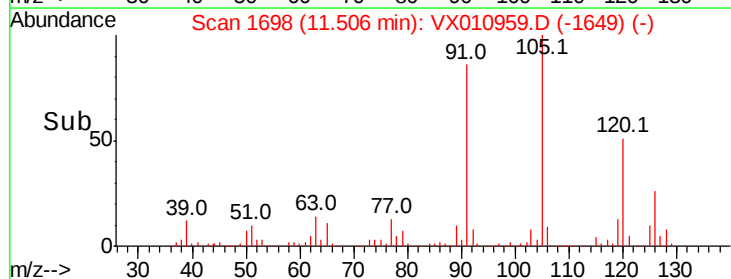
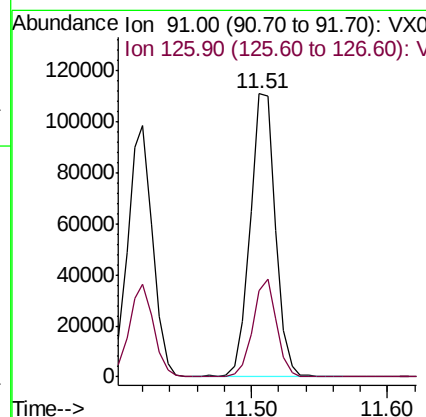
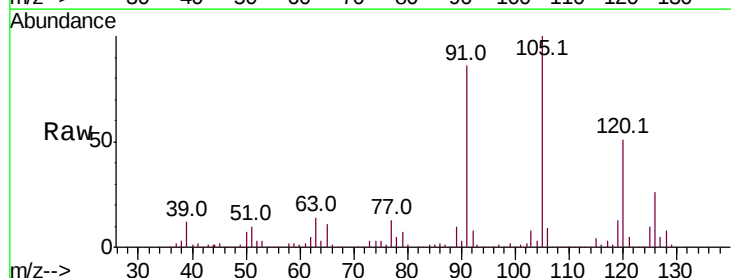
Acq: 18 Jul 2019 15:22

Tgt Ion: 91 Resp: 144125

Ion Ratio Lower Upper

91 100

126 32.5 15.9 47.7





#83

tert-Butylbenzene

Concen: 19.083 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

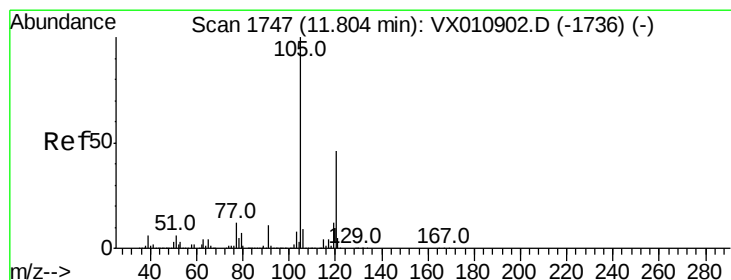
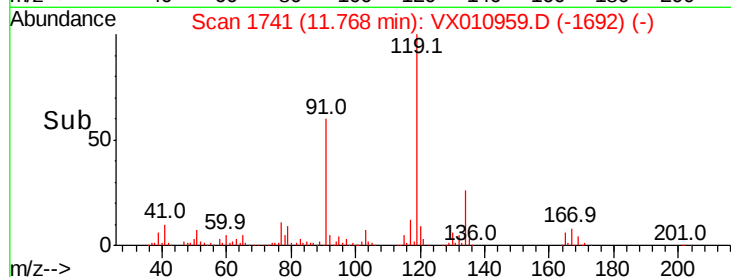
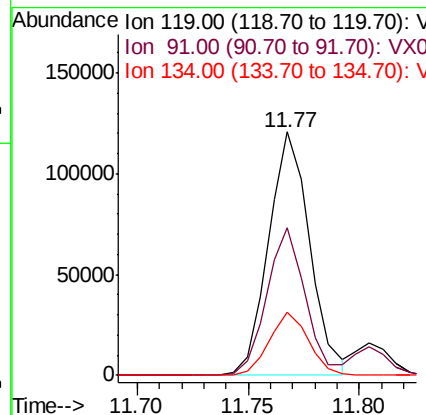
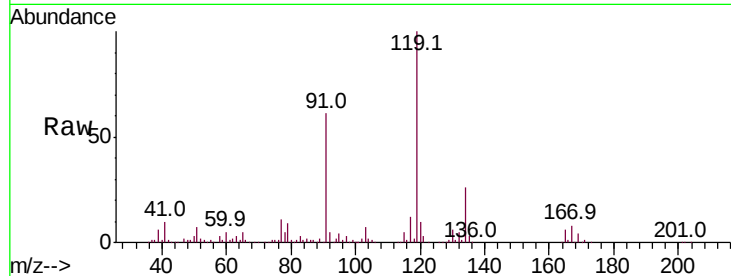
ClientSampleId :

VX0718WBSD01

Tot Ion:	119	Resp:	154502
Ion Ratio	Lower	Upper	
119	100		
91	57.2	28.6	85.8
134	24.8	11.6	34.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.356 ug/l

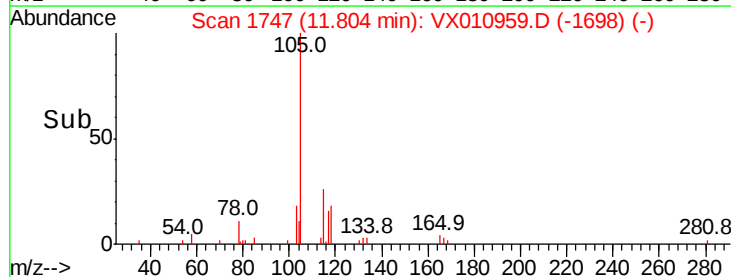
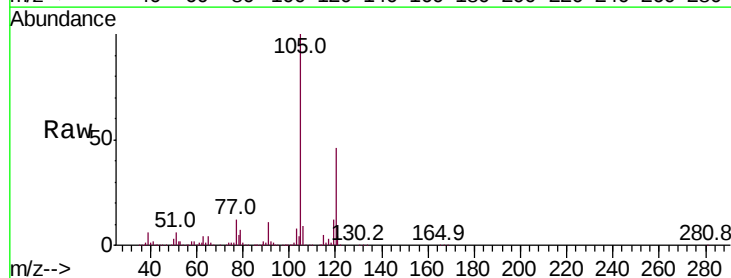
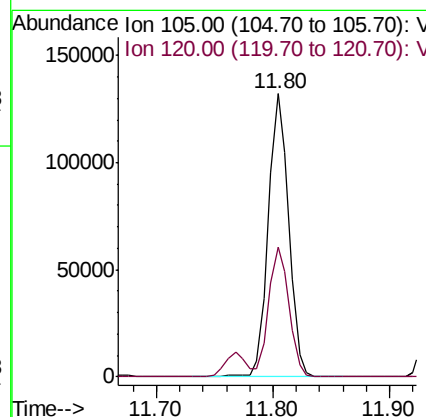
RT: 11.80 min Scan# 1747

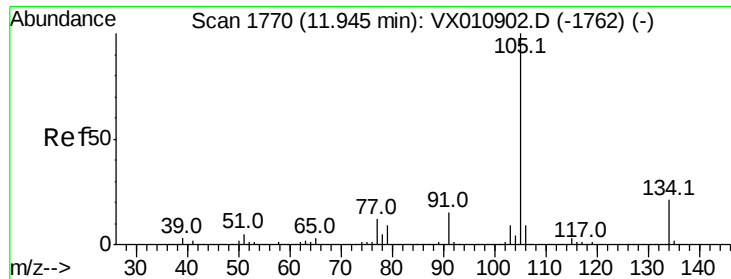
Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Tgt Ion:	105	Resp:	160807
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.9	68.5





#85

sec-Butylbenzene

Concen: 19.526 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

Instrument :

MSVOA_X

ClientSampled :

VX0718WBSD01

Tot Ion:105 Resp: 185236

Ion Ratio Lower Upper

105 100

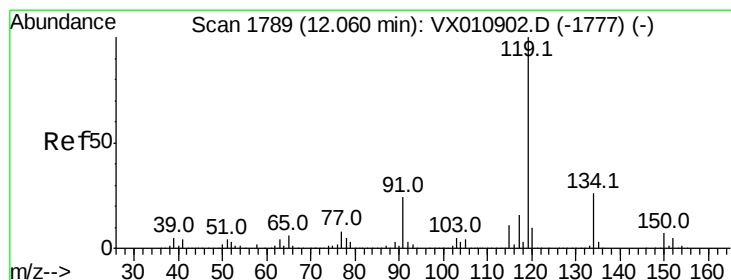
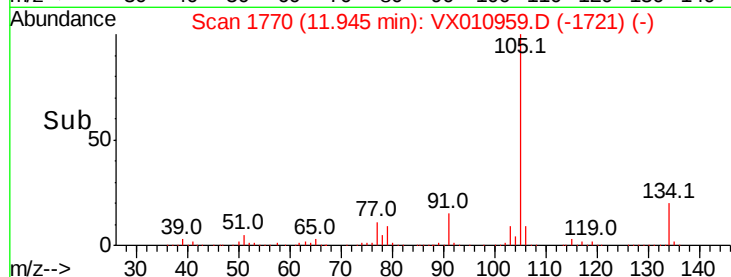
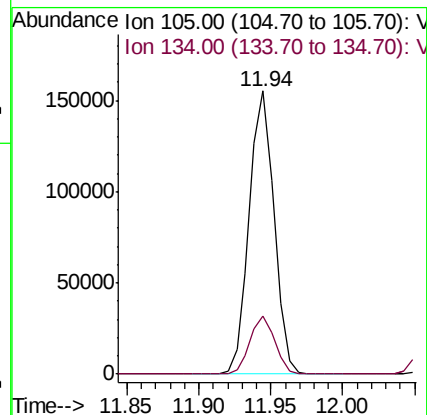
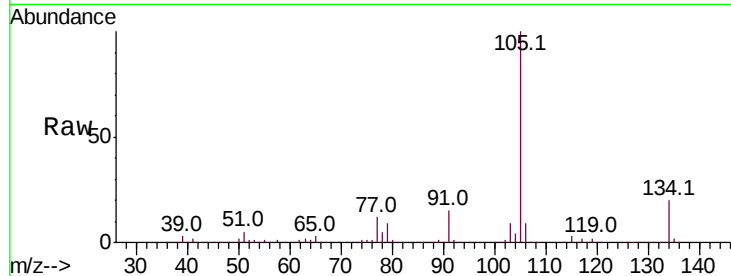
134 20.6 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.302 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010959.D

Acq: 18 Jul 2019 15:22

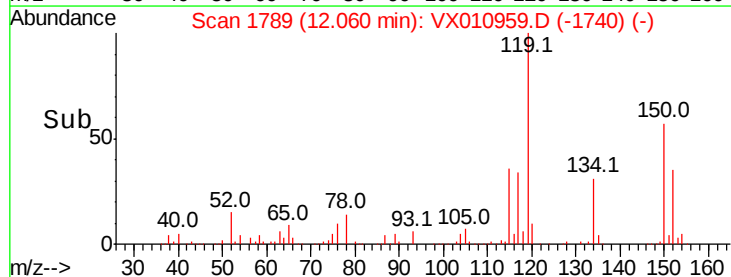
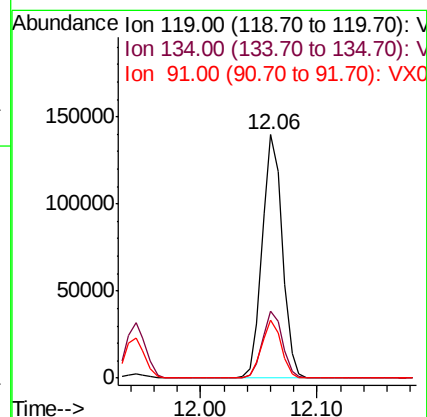
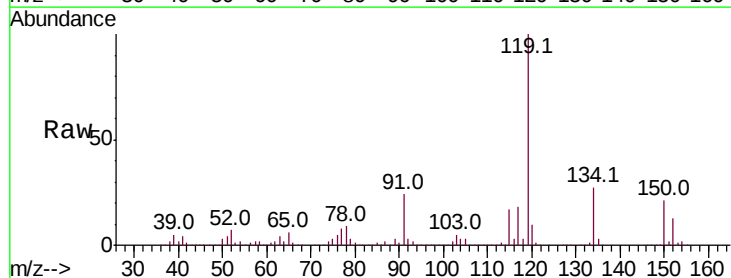
Tgt Ion:119 Resp: 169283

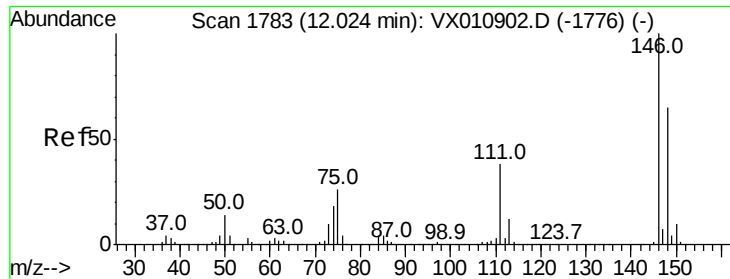
Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.1

91 23.6 11.8 35.4





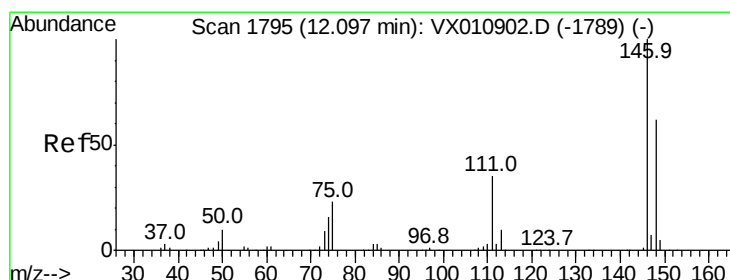
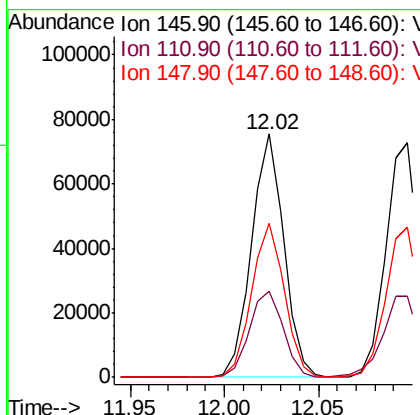
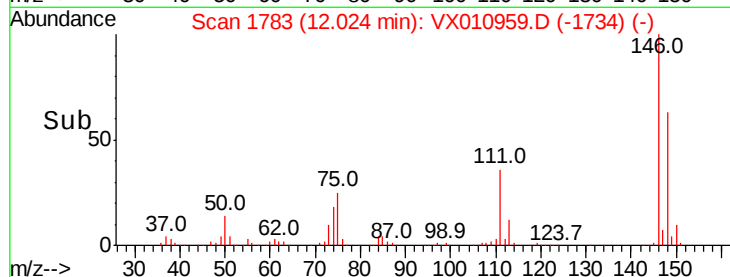
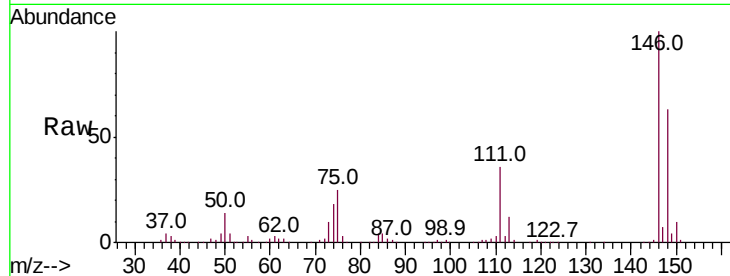
#87
 1,3-Dichlorobenzene
 Concen: 19.028 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010959.D
 Acq: 18 Jul 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.9
148	64.0	32.2	96.6

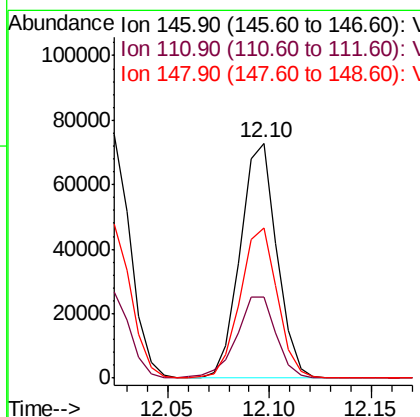
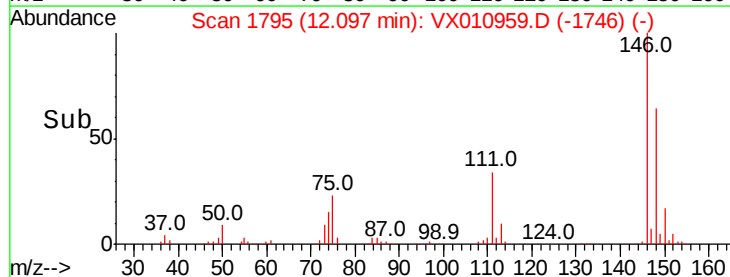
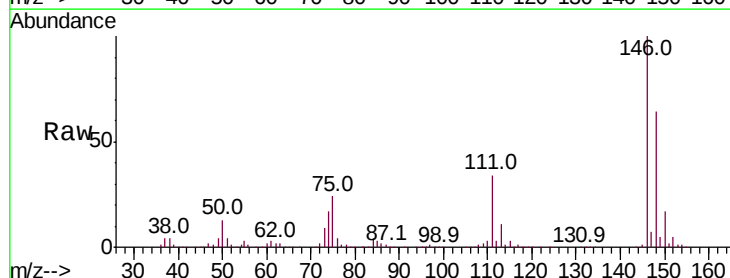
Manual Integrations
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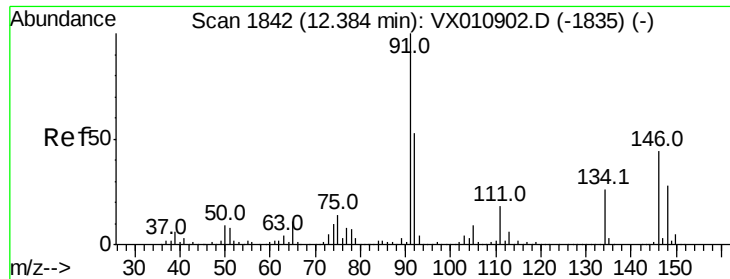
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#88
 1,4-Dichlorobenzene
 Concen: 18.725 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010959.D
 Acq: 18 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.8
148	64.7	31.6	94.7





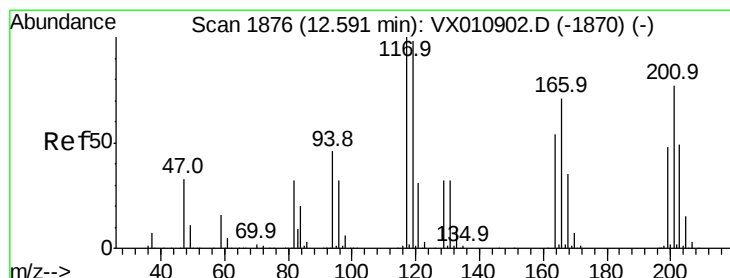
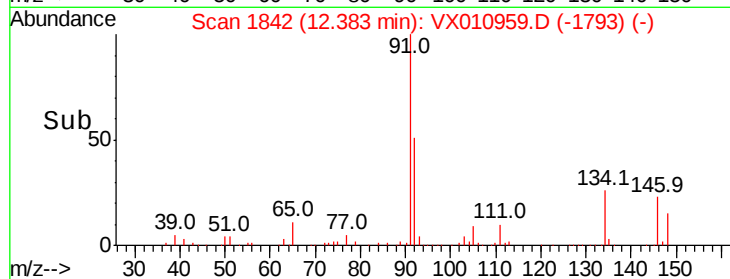
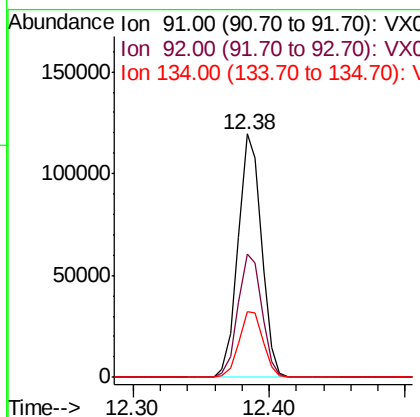
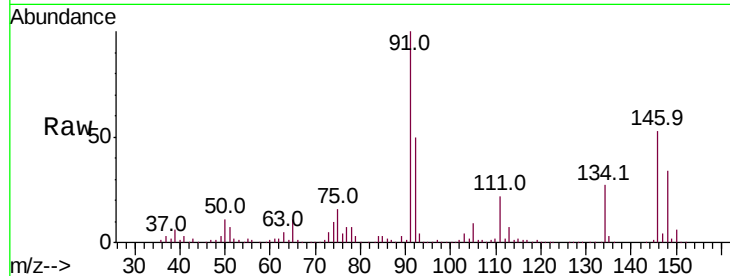
#89
n-Butylbenzene
Concen: 19.119 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.2	78.5
134	27.5	13.8	41.3

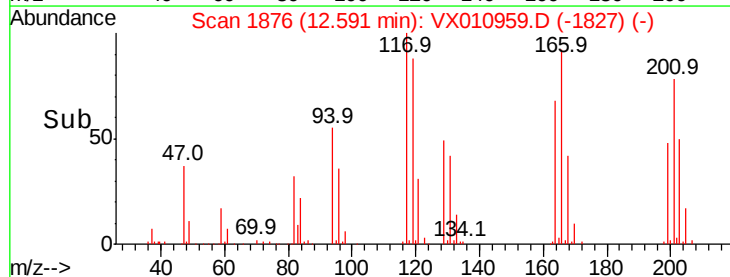
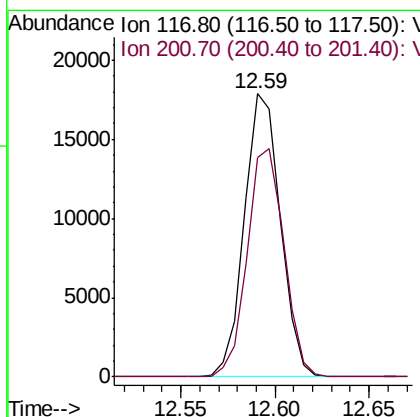
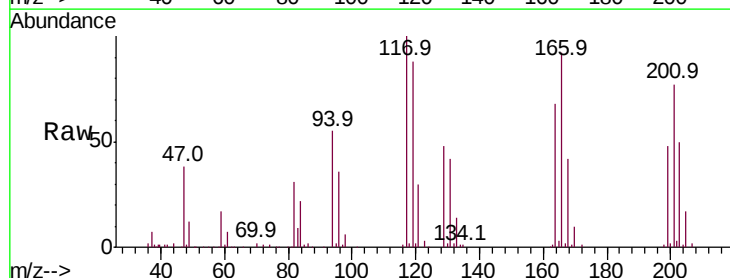
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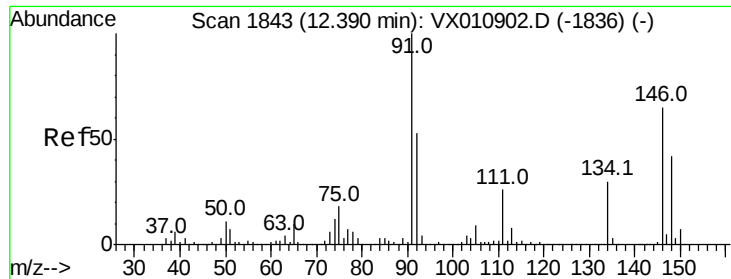
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#90
Hexachloroethane
Concen: 17.156 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.3	43.3	129.8





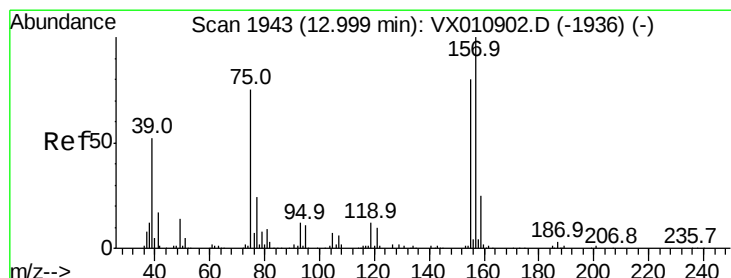
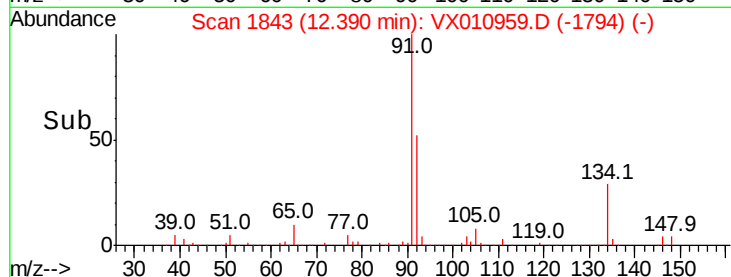
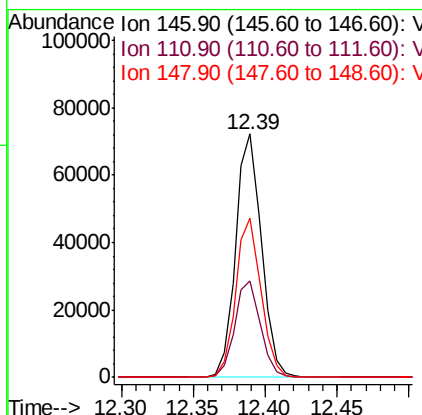
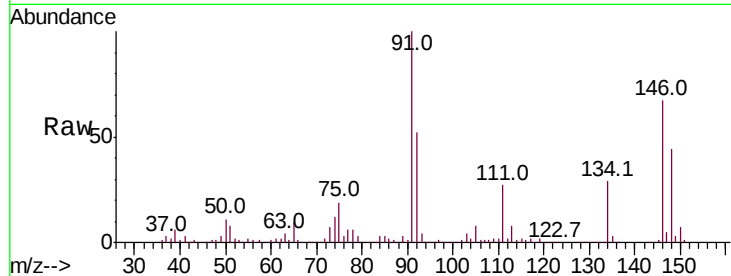
#91
 1,2-Dichlorobenzene
 Concen: 19.285 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010959.D
 Acq: 18 Jul 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.9	59.7
148	64.0	32.0	96.2

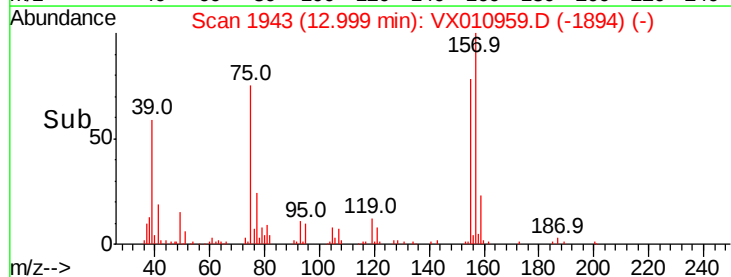
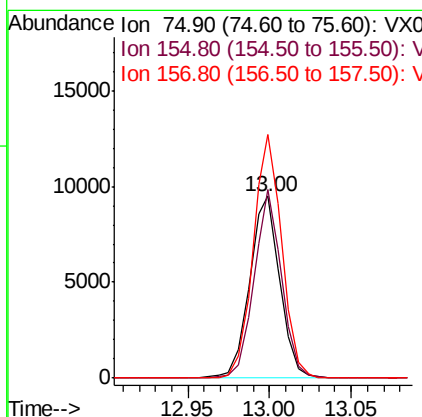
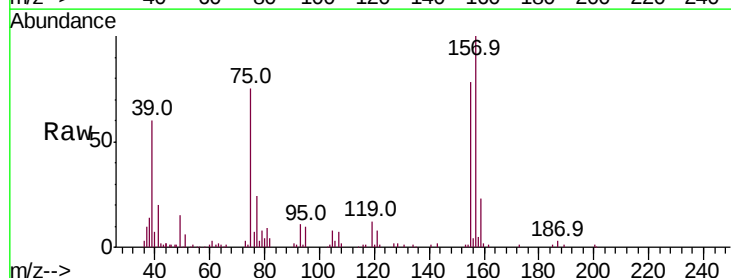
Manual Integrations
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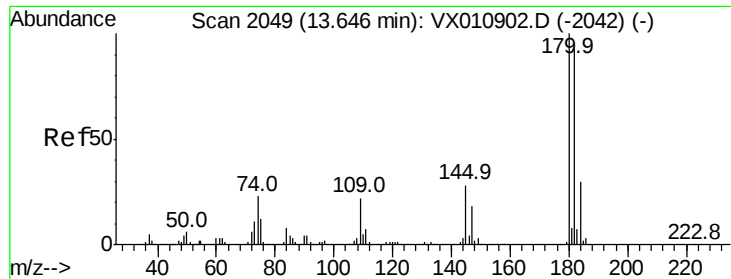
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 7/22/2019 12:03:34 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.035 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010959.D
 Acq: 18 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.9	48.7	146.1
157	126.1	62.5	187.6





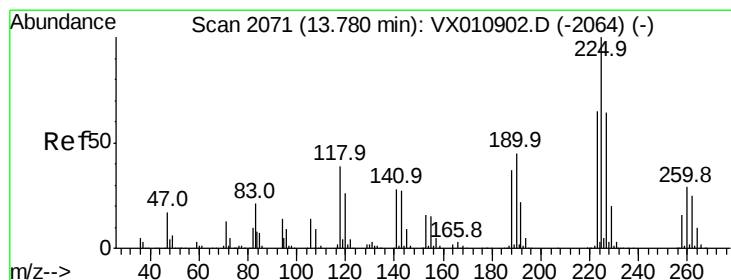
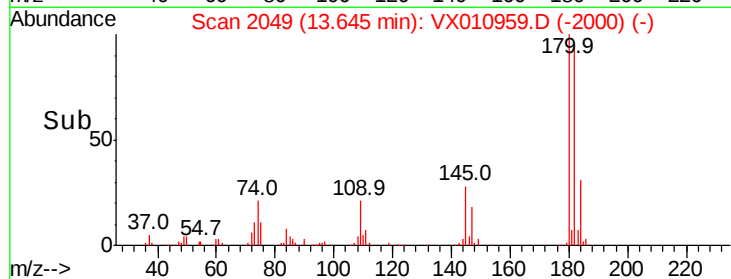
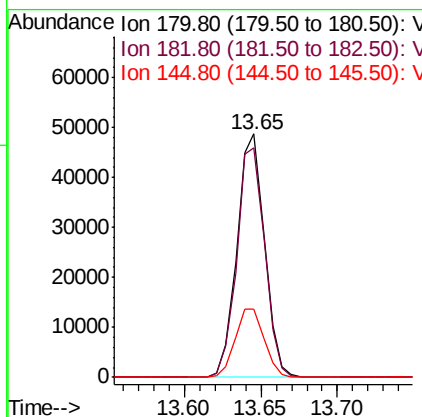
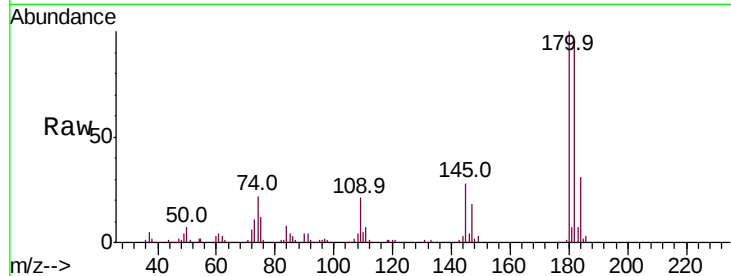
#93
 1,2,4-Trichlorobenzene
 Concen: 19.143 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010959.D
 Acq: 18 Jul 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	60713		
182	96.0		47.1	141.3
145	29.7		14.8	44.4

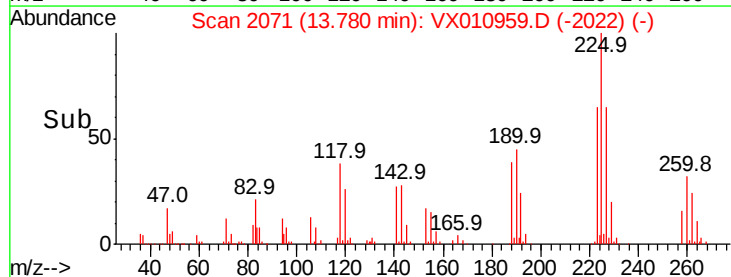
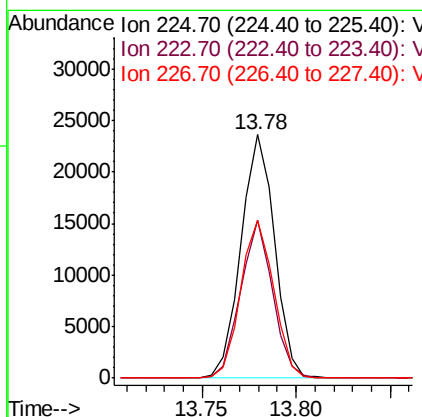
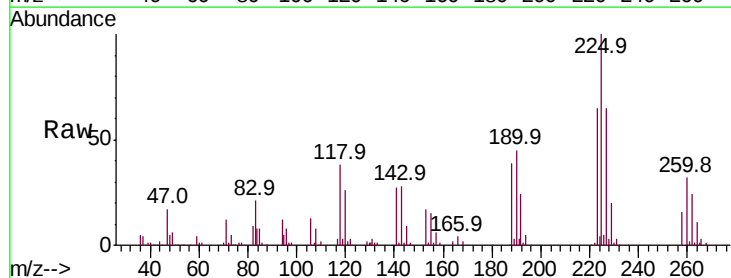
Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 12:03:34 PM



#94
 Hexachlorobutadiene
 Concen: 18.526 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010959.D
 Acq: 18 Jul 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	29117		
223	62.0		31.9	95.9
227	64.2		32.5	97.4





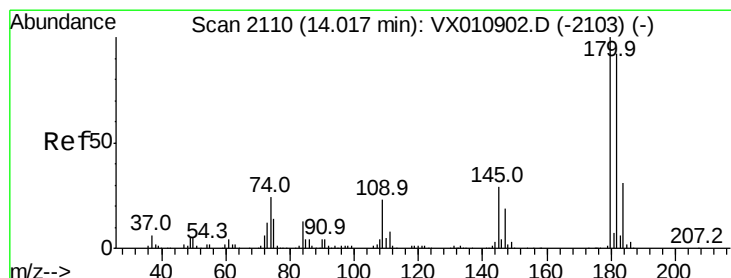
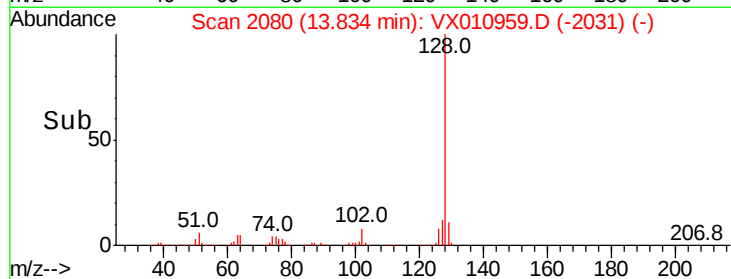
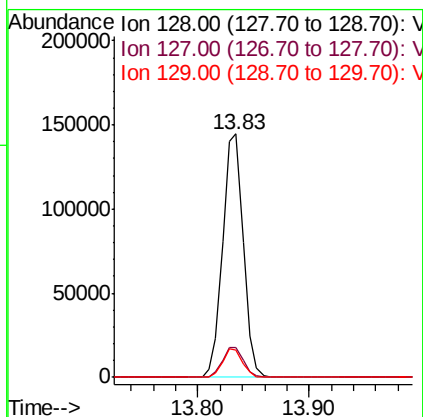
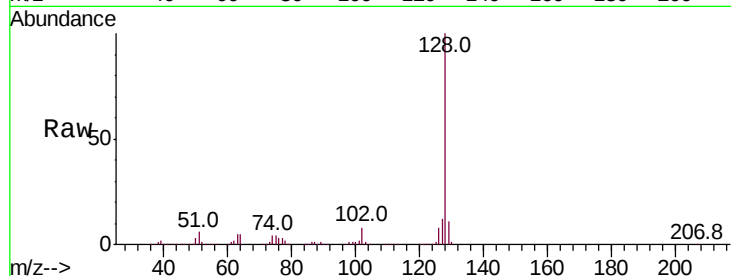
#95
Naphthalene
Concen: 19.824 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	185659		
127	12.6		10.4	15.6
129	11.2		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/22/2019 12:03:34 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.369 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010959.D
Acq: 18 Jul 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	61122		
182	97.0		47.4	142.3
145	31.5		15.1	45.3

